

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131247.D
 Acq On : 15 Nov 2022 23:14
 Operator : CG\JU
 Sample : PB148951BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148951BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/16/2022
 Supervised By : Jagrut Upadhyay 11/16/2022

Quant Time: Nov 16 07:05:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	103542	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	402735	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	234185	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	428207	20.000	ng	0.00
76) Chrysene-d12	14.192	240	290488	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	214340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	729123	124.693	ng	0.02
7) Phenol-d6	6.593	99	911638	123.093	ng	0.00
23) Nitrobenzene-d5	7.545	82	577560	80.495	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	274431	122.681	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1120578	70.024	ng	0.00
79) Terphenyl-d14	13.127	244	1369176	80.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	90042	33.611	ng	98
3) Pyridine	3.622	79	249032	32.888	ng	99
4) n-Nitrosodimethylamine	3.593	42	184267	41.751	ng	100
6) Aniline	6.640	93	360407m	38.797	ng	
8) 2-Chlorophenol	6.757	128	281317	42.799	ng	97
9) Benzaldehyde	6.528	77	184052	34.260	ng	98
10) Phenol	6.610	94	342553	41.346	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	267301	41.205	ng	98
12) 1,3-Dichlorobenzene	6.916	146	296425	39.862	ng	99
13) 1,4-Dichlorobenzene	6.992	146	299135	39.776	ng	99
14) 1,2-Dichlorobenzene	7.145	146	290880	41.848	ng	99
15) Benzyl Alcohol	7.116	79	259783m	40.382	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	508653	41.629	ng	100
17) 2-Methylphenol	7.222	107	235078	41.892	ng	99
18) Hexachloroethane	7.492	117	113602	41.552	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	210716	40.831	ng	98
20) 3+4-Methylphenols	7.375	107	292016	40.231	ng	94
22) Acetophenone	7.387	105	401797	38.274	ng	99
24) Nitrobenzene	7.563	77	317990	41.053	ng	100
25) Isophorone	7.804	82	579686	40.441	ng	99
26) 2-Nitrophenol	7.881	139	126503	41.421	ng	98
27) 2,4-Dimethylphenol	7.910	122	260427	44.387	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	332745	41.173	ng	99
29) 2,4-Dichlorophenol	8.116	162	243966	38.450	ng	98
30) 1,2,4-Trichlorobenzene	8.204	180	270408	36.349	ng	98
31) Naphthalene	8.292	128	786789	36.059	ng	99
32) Benzoic acid	8.028	122	168458	40.807	ng	95
33) 4-Chloroaniline	8.334	127	237558	27.657	ng	98
34) Hexachlorobutadiene	8.404	225	175461	37.266	ng	99
35) Caprolactam	8.710	113	74481m	39.722	ng	
36) 4-Chloro-3-methylphenol	8.816	107	266423	39.891	ng	99
37) 2-Methylnaphthalene	8.986	142	531442	36.571	ng	98
38) 1-Methylnaphthalene	9.086	142	506045	35.912	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	275139	36.490	ng	98
41) Hexachlorocyclopentadiene	9.134	237	353244	91.404	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	175308	35.562	ng	99

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 Response via : Initial Calibration

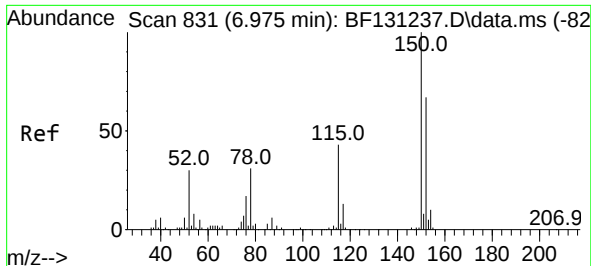
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	200766	37.951	ng	96
46) 1,1'-Biphenyl	9.451	154	662715	36.812	ng	99
47) 2-Chloronaphthalene	9.475	162	526143	36.077	ng	99
48) 2-Nitroaniline	9.569	65	188312	40.895	ng	95
49) Acenaphthylene	9.898	152	822488	36.933	ng	99
50) Dimethylphthalate	9.757	163	617173	36.804	ng	99
51) 2,6-Dinitrotoluene	9.816	165	131969	40.607	ng	90
52) Acenaphthene	10.069	154	564492	40.608	ng	98
53) 3-Nitroaniline	9.986	138	100775	29.788	ng	98
54) 2,4-Dinitrophenol	10.092	184	119881	80.338	ng	96
55) Dibenzofuran	10.245	168	723059	36.305	ng	98
56) 4-Nitrophenol	10.139	139	208266	78.933	ng	95
57) 2,4-Dinitrotoluene	10.222	165	172691	42.791	ng	93
58) Fluorene	10.586	166	566538	36.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	169518	37.826	ng	98
60) Diethylphthalate	10.457	149	590023	37.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	290637	37.505	ng	94
62) 4-Nitroaniline	10.610	138	133237	38.947	ng	97
63) Azobenzene	10.739	77	606816	36.564	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	73243	39.688	ng	80
66) n-Nitrosodiphenylamine	10.698	169	504468	37.081	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	191450	38.079	ng	98
68) Hexachlorobenzene	11.133	284	207647	38.109	ng	98
69) Atrazine	11.227	200	186258	41.768	ng	98
70) Pentachlorophenol	11.327	266	249595	78.482	ng	99
71) Phenanthrene	11.557	178	866194	36.653	ng	100
72) Anthracene	11.610	178	878914	38.072	ng	99
73) Carbazole	11.763	167	786902	38.080	ng	99
74) Di-n-butylphthalate	12.092	149	906413	37.690	ng	99
75) Fluoranthene	12.751	202	974355	37.385	ng	100
77) Benzidine	12.874	184	415647	66.770	ng	99
78) Pyrene	12.986	202	978639	39.082	ng	99
80) Butylbenzylphthalate	13.604	149	352849	41.579	ng	99
81) Benzo(a)anthracene	14.180	228	749926	37.146	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	199128	33.709	ng	97
83) Chrysene	14.216	228	716408	36.426	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	428263	40.126	ng	98
85) Di-n-octyl phthalate	14.798	149	580940	38.518	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	616975	43.572	ng	100
88) Benzo(b)fluoranthene	15.268	252	602800	40.281	ng	100
89) Benzo(k)fluoranthene	15.304	252	577181	38.906	ng	100
90) Benzo(a)pyrene	15.668	252	509151	42.562	ng	97
91) Dibenzo(a,h)anthracene	17.345	278	521379	44.879	ng	99
92) Benzo(g,h,i)perylene	17.809	276	522738	40.792	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

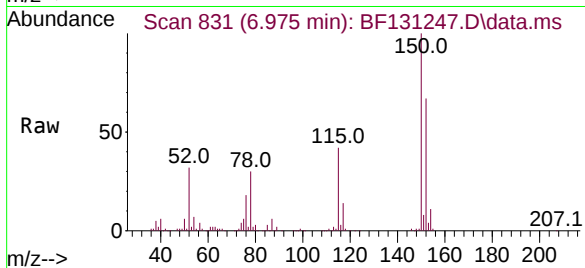
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

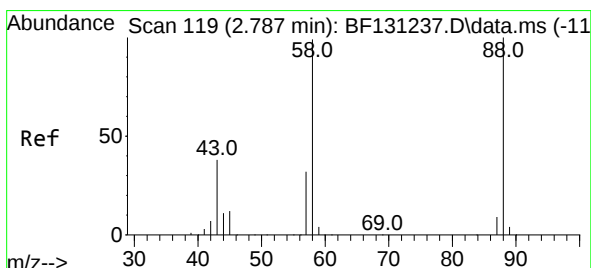
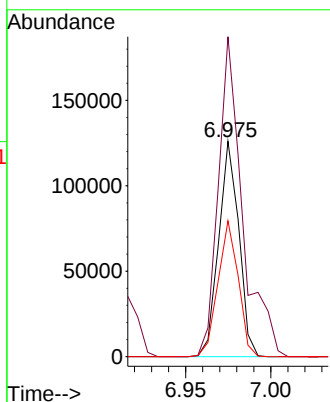
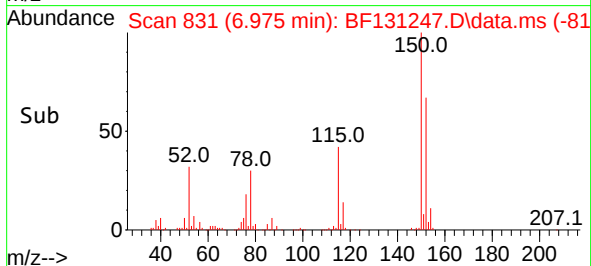
Instrument :
BNA_F
ClientSampleId :
PB148951BS



Tgt Ion:152 Resp: 103542
Ion Ratio Lower Upper
152 100
150 148.7 120.2 180.4
115 63.1 51.8 77.8

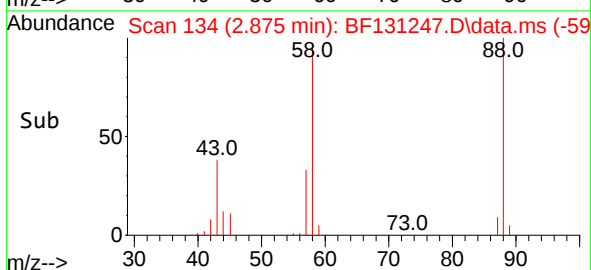
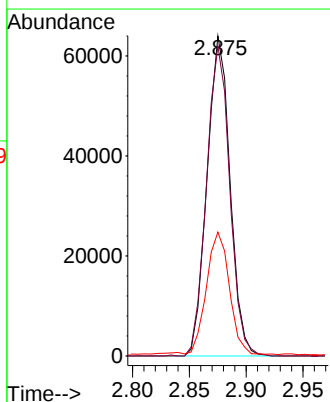
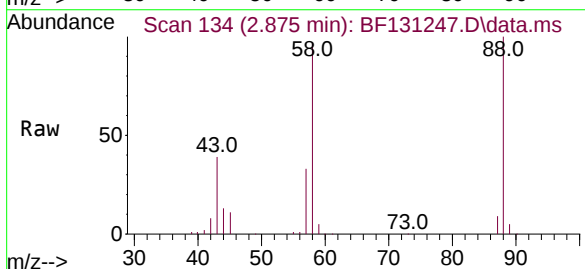
Manual Integrations
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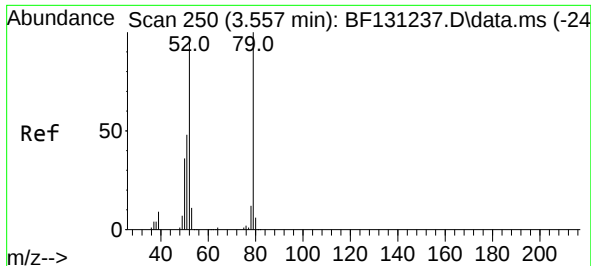
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#2
1,4-Dioxane
Concen: 33.611 ng
RT: 2.875 min Scan# 134
Delta R.T. 0.088 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion: 88 Resp: 90042
Ion Ratio Lower Upper
88 100
58 98.3 77.1 115.7
43 38.6 31.3 46.9





#3

Pyridine

Concen: 32.888 ng

RT: 3.622 min Scan# 249

Delta R.T. 0.065 min

Lab File: BF131247.D

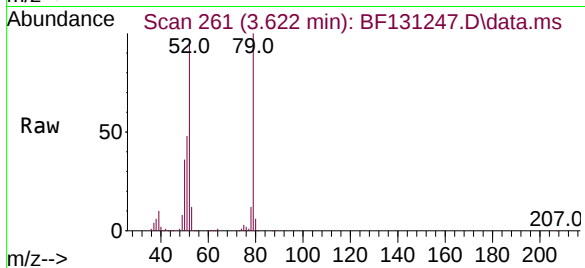
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

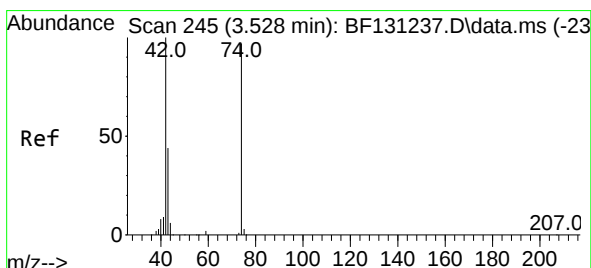
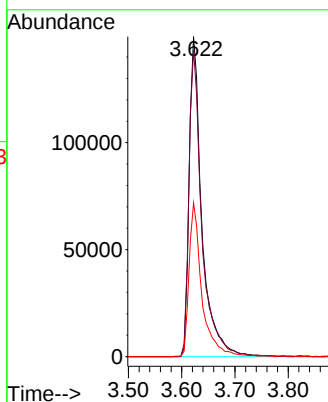
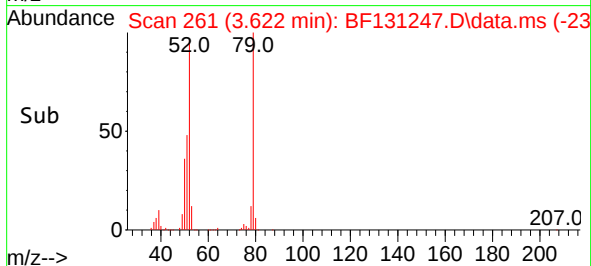


Tgt Ion:	79	Resp:	249032
Ion Ratio	Lower	Upper	
79	100		
52	95.8	77.7	116.5
51	48.0	38.7	58.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 41.751 ng

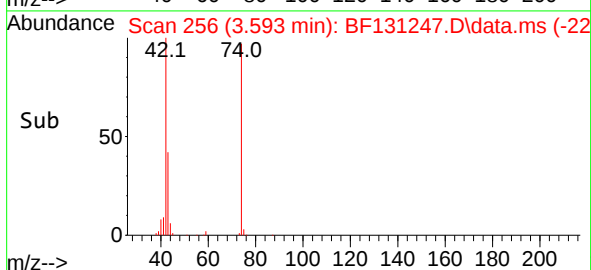
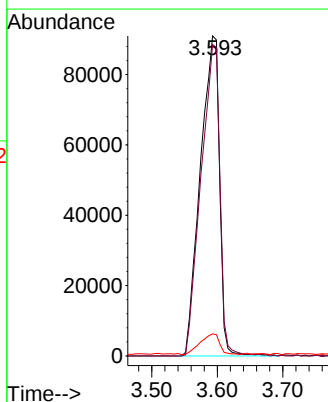
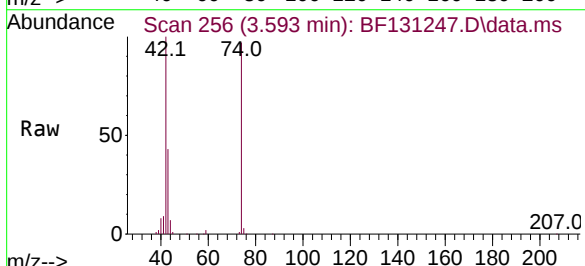
RT: 3.593 min Scan# 256

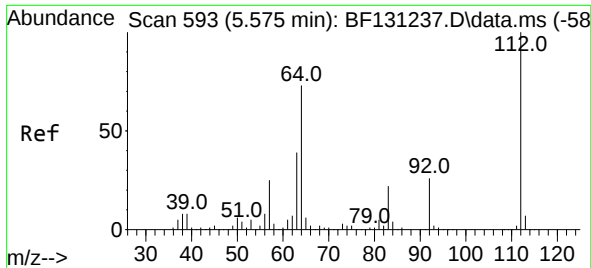
Delta R.T. 0.065 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion:	42	Resp:	184267
Ion Ratio	Lower	Upper	
42	100		
74	97.3	77.8	116.6
44	6.9	5.9	8.9





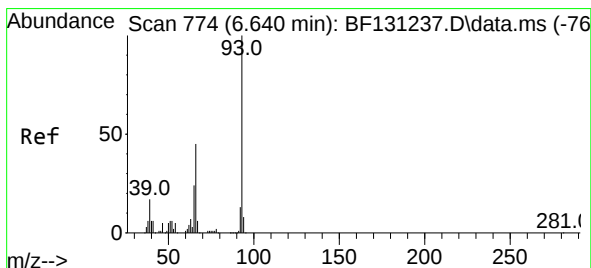
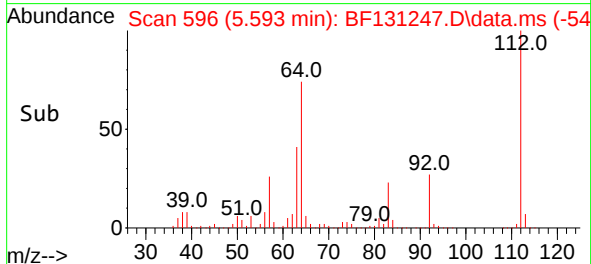
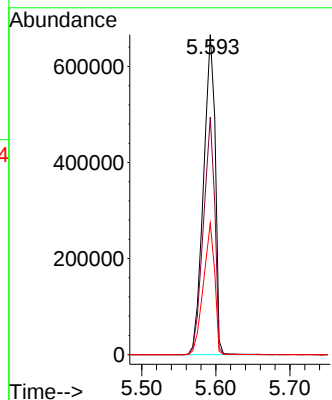
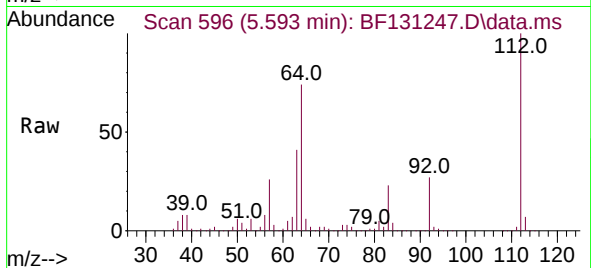
#5
2-Fluorophenol
Concen: 124.693 ng
RT: 5.593 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :
BNA_F
ClientSampleId :
PB148951BS

Tgt Ion:112 Resp: 729123
Ion Ratio Lower Upper
112 100
64 74.2 58.4 87.6
63 41.1 31.6 47.4

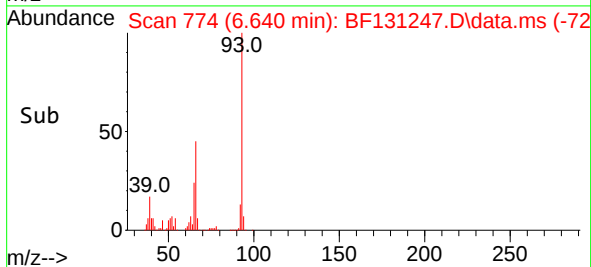
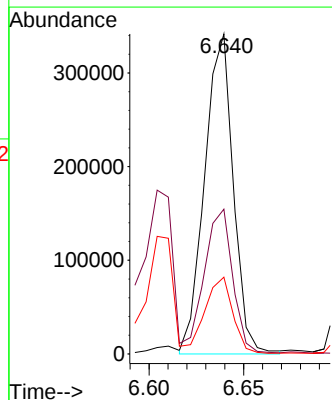
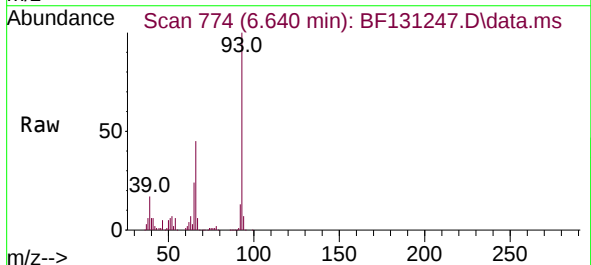
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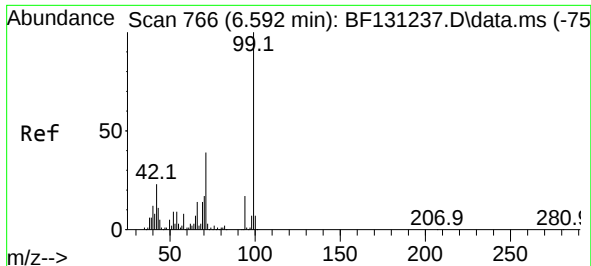
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#6
Aniline
Concen: 38.797 ng m
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

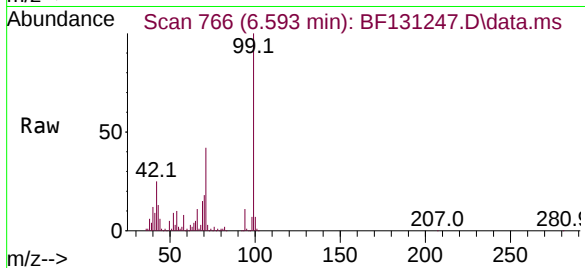
Tgt Ion: 93 Resp: 360407
Ion Ratio Lower Upper
93 100
66 45.3 36.6 55.0
65 24.0 19.3 28.9





#7
Phenol-d6
Concen: 123.093 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.001 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

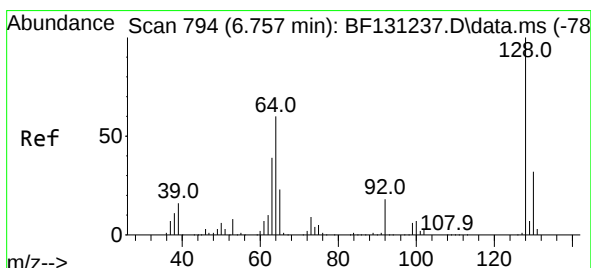
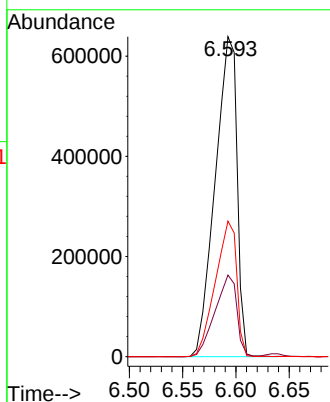
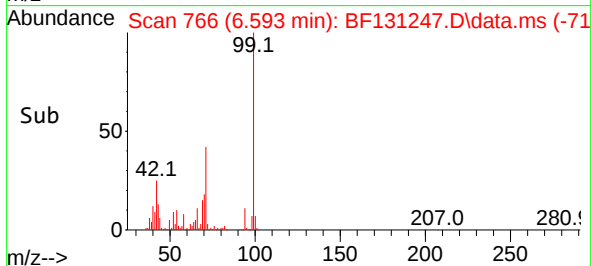
Instrument :
BNA_F
Client Sample Id :
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Tgt Ion: 99 Resp: 911638
Ion Ratio Lower Upper
99 100
42 25.5 18.6 28.0
71 42.3 31.1 46.7

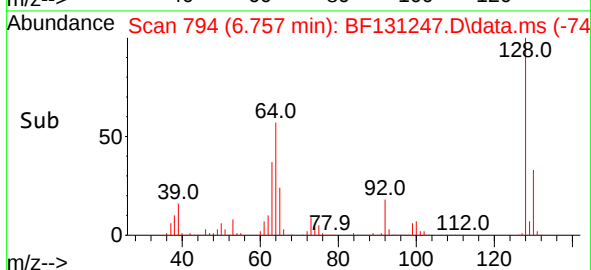
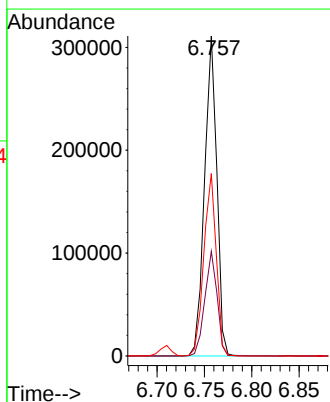
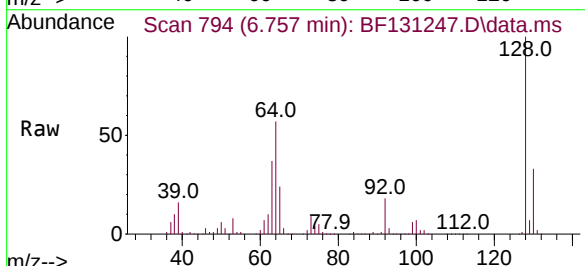
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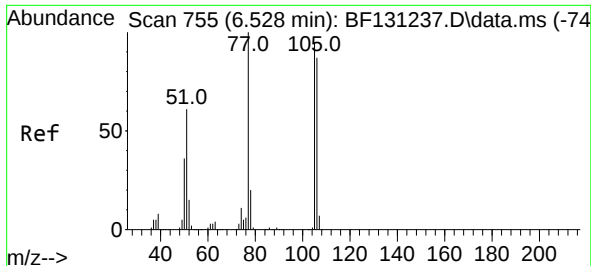
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#8
2-Chlorophenol
Concen: 42.799 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

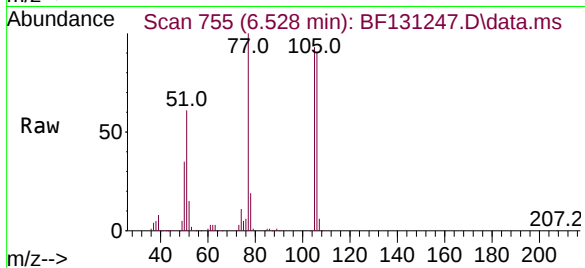
Tgt Ion:128 Resp: 281317
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 57.0 40.1 80.1





#9
Benzaldehyde
Concen: 34.260 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

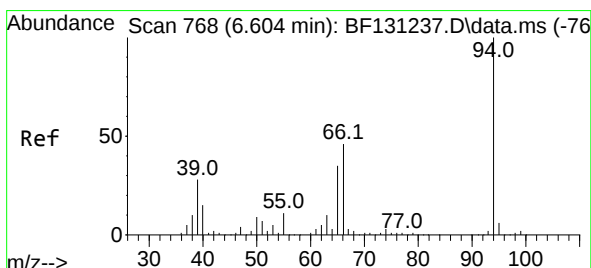
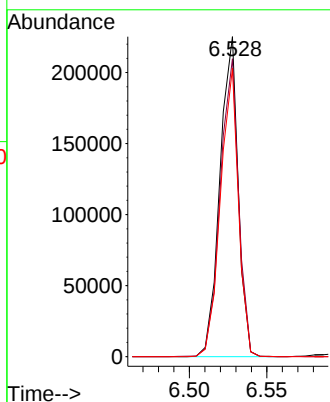
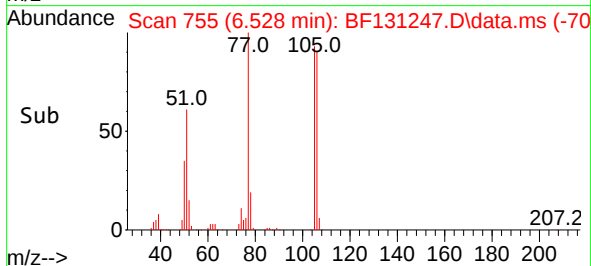
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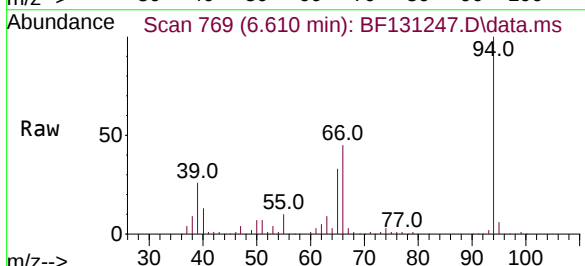
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Ion Ratio Lower Upper
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106 90.1 67.3 107.3

Manual Integrations
APPROVED

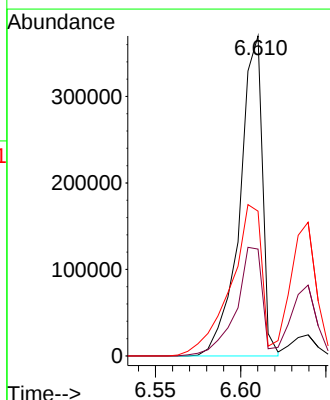
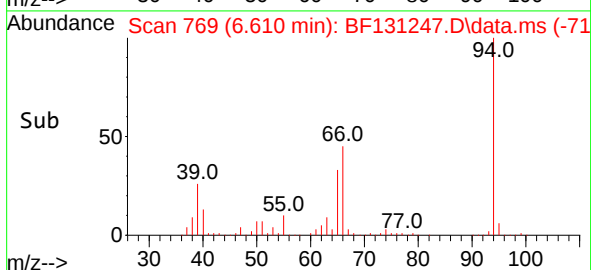
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

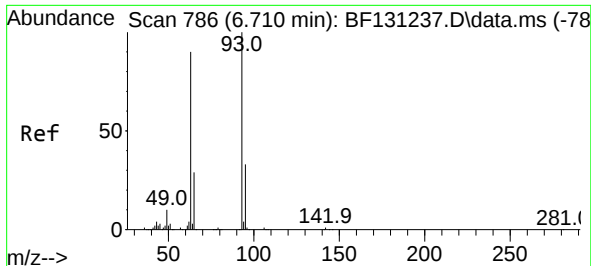


#10
Phenol
Concen: 41.346 ng
RT: 6.610 min Scan# 769
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion: 94 Resp: 342553
Ion Ratio Lower Upper
94 100
65 33.4 14.8 54.8
66 45.2 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 41.205 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF131247.D

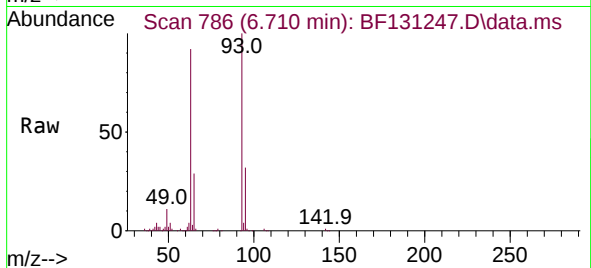
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS



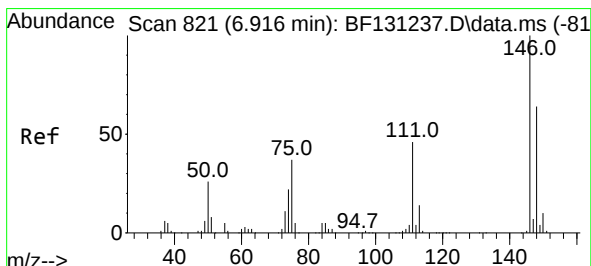
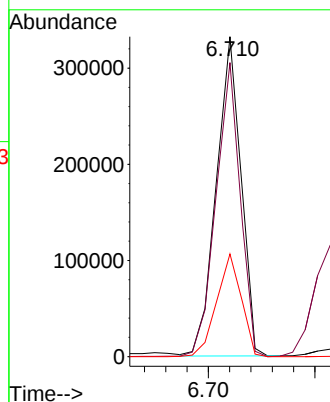
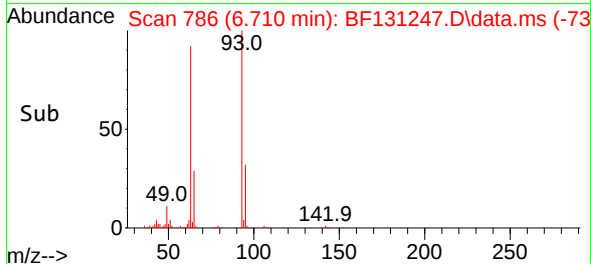
Tgt Ion: 93 Resp: 267301

Ion	Ratio	Lower	Upper
93	100		
63	91.9	69.8	109.8
95	32.1	13.4	53.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#12

1,3-Dichlorobenzene

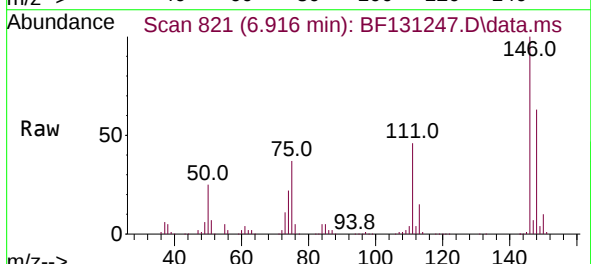
Concen: 39.862 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

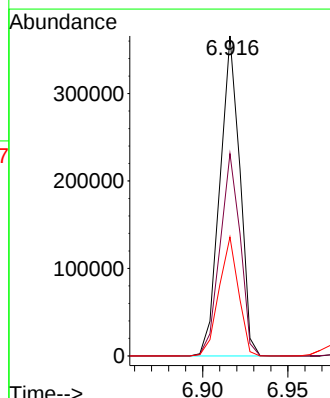
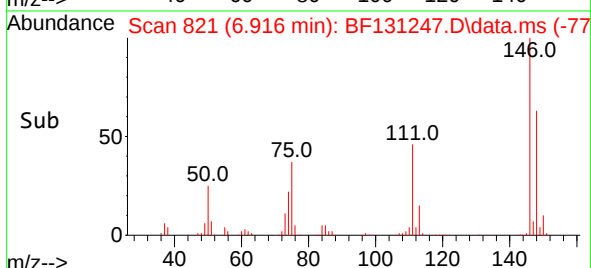
Lab File: BF131247.D

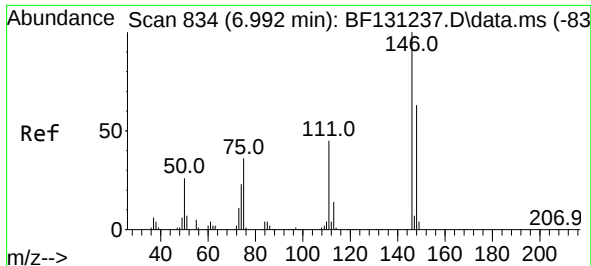
Acq: 15 Nov 2022 23:14



Tgt Ion:146 Resp: 296425

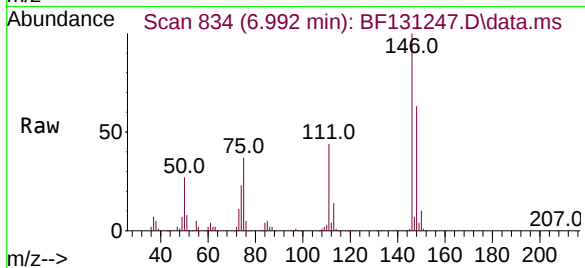
Ion	Ratio	Lower	Upper
146	100		
148	63.2	51.0	76.6
75	37.1	29.2	43.8





#13
1,4-Dichlorobenzene
Concen: 39.776 ng
RT: 6.992 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

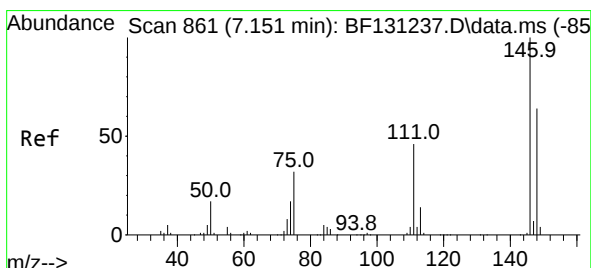
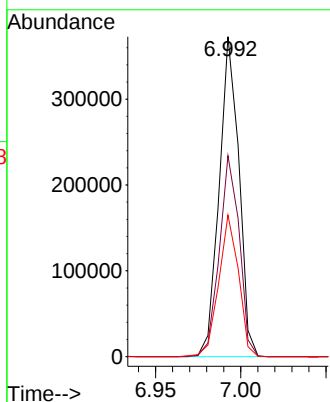
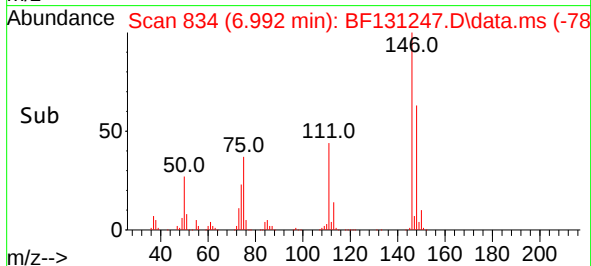
Instrument :
BNA_F
ClientSampleId :
PB148951BS



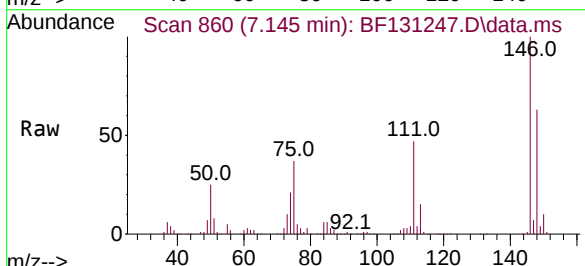
Tgt Ion:146 Resp: 299135
Ion Ratio Lower Upper
146 100
148 62.8 50.1 75.1
111 44.2 36.3 54.5

Manual Integrations
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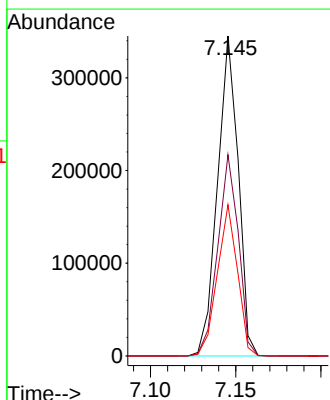
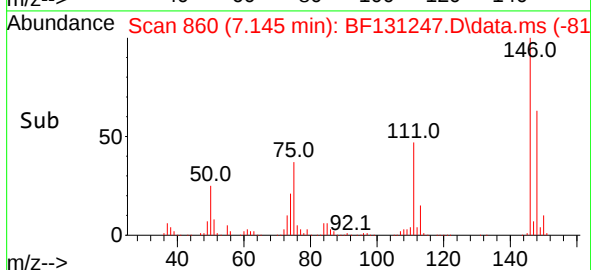
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

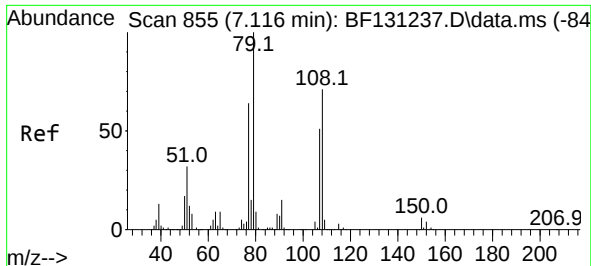


#14
1,2-Dichlorobenzene
Concen: 41.848 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



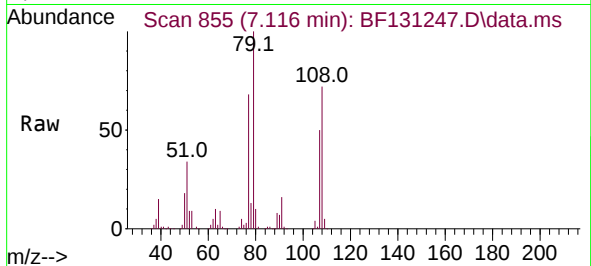
Tgt Ion:146 Resp: 290880
Ion Ratio Lower Upper
146 100
148 62.9 51.0 76.6
111 47.2 36.9 55.3





#15
Benzyl Alcohol
Concen: 40.382 ng m
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

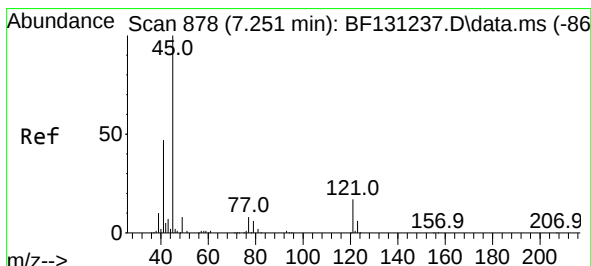
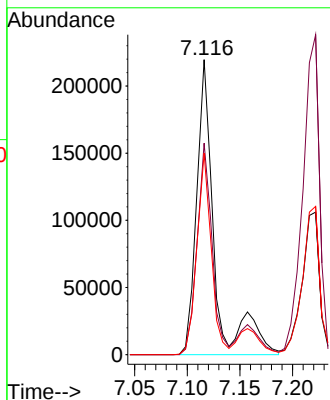
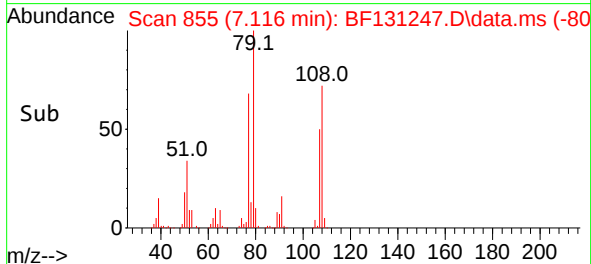
Instrument :
BNA_F
Client Sample Id :
PB148951BS



Tgt Ion: 79 Resp: 259783
Ion Ratio Lower Upper
79 100
108 71.7 56.7 85.1
77 68.3 51.4 77.2

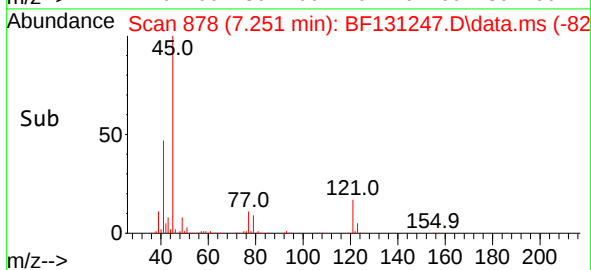
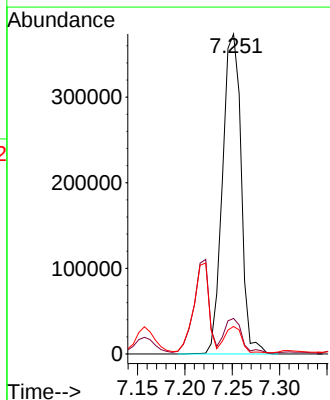
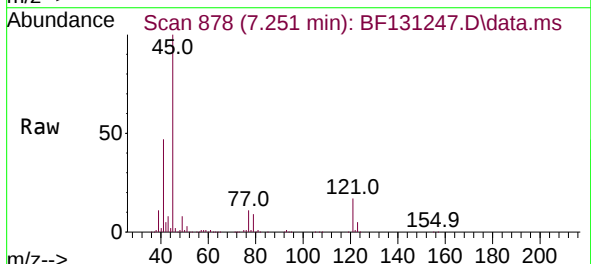
Manual Integrations
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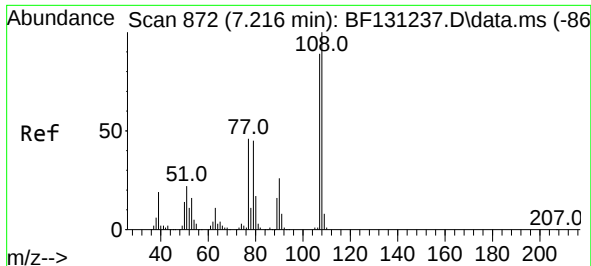
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.629 ng
RT: 7.251 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion: 45 Resp: 508653
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.0
79 8.6 0.0 28.5





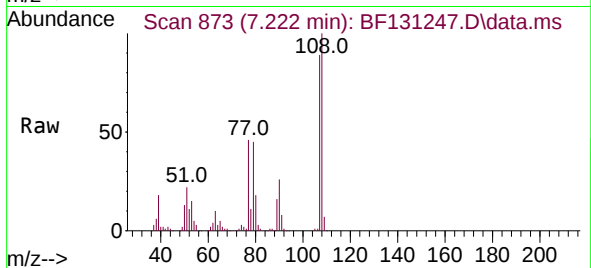
#17
2-Methylphenol
Concen: 41.892 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

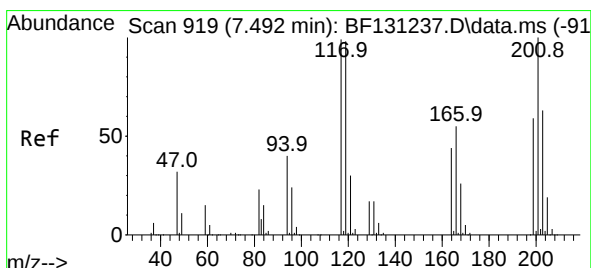
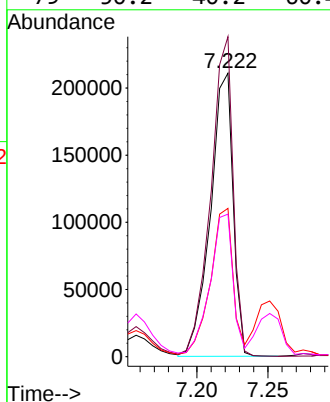
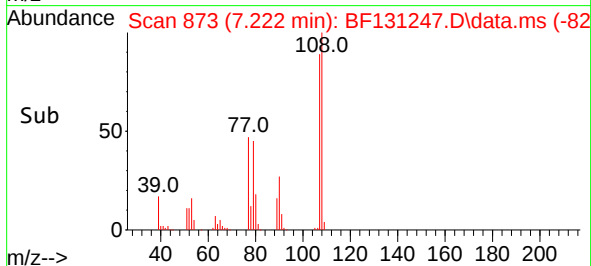


Tgt Ion:107 Resp: 235078
Ion Ratio Lower Upper
107 100
108 112.9 89.8 134.6
77 52.3 41.4 62.0
79 50.2 40.2 60.4

Manual Integrations

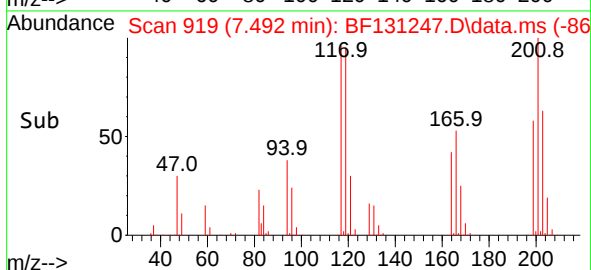
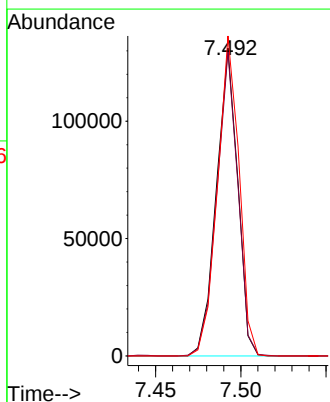
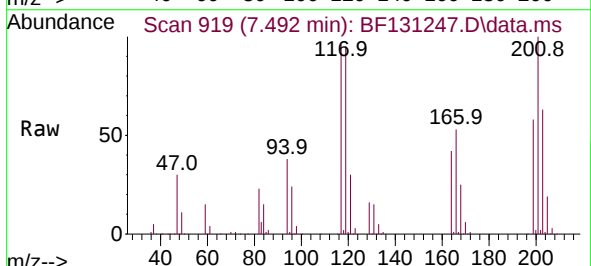
APPROVED

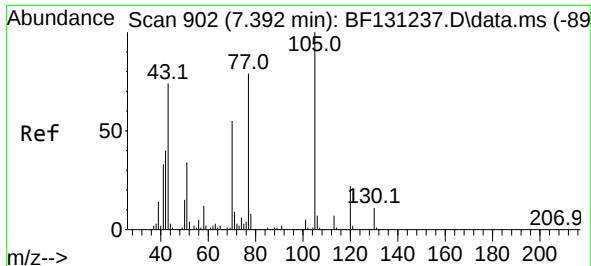
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 41.552 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:117 Resp: 113602
Ion Ratio Lower Upper
117 100
119 98.7 79.0 118.6
201 104.0 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 40.831 ng

RT: 7.392 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF131247.D

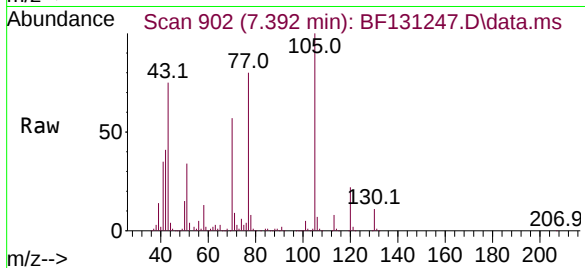
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS



Tgt Ion: 70 Resp: 210716

Ion Ratio Lower Upper

70 100

42 71.5 58.3 87.5

101 9.5 7.2 10.8

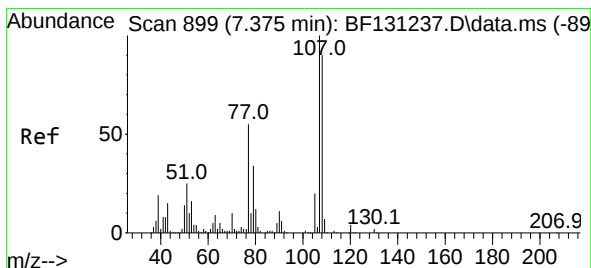
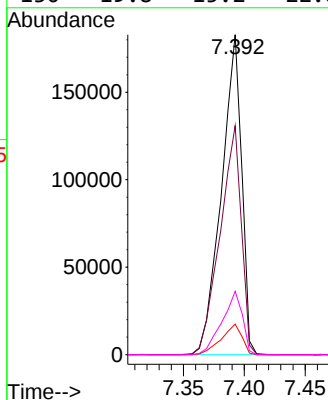
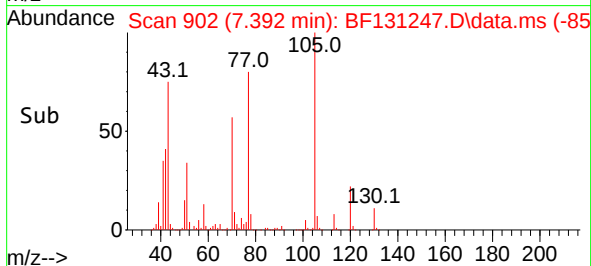
130 19.8 15.2 22.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#20

3+4-Methylphenols

Concen: 40.231 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion:107 Resp: 292016

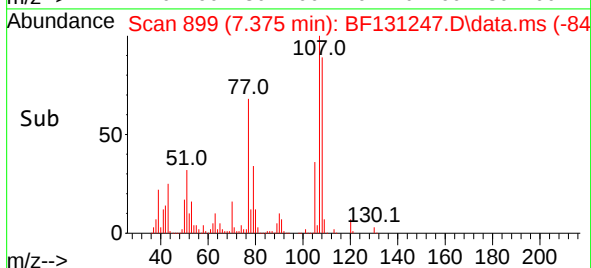
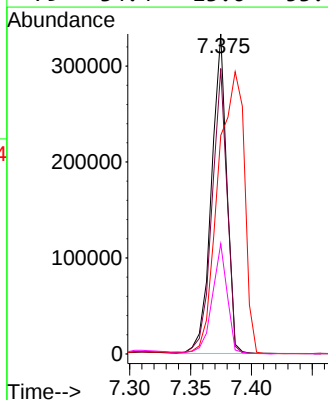
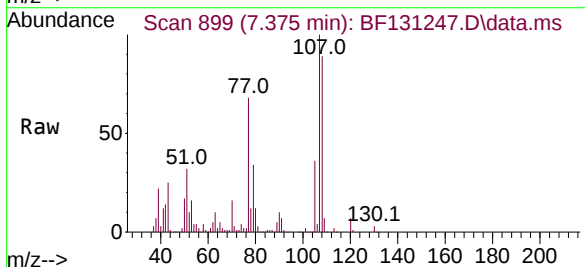
Ion Ratio Lower Upper

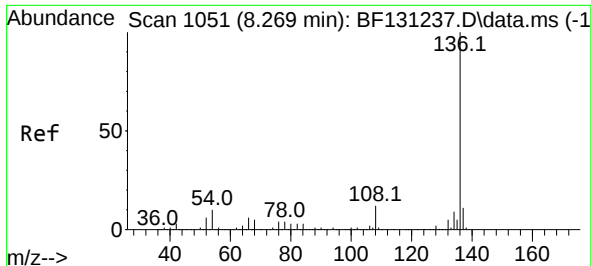
107 100

108 89.2 69.5 109.5

77 68.3 35.3 75.3

79 34.4 13.6 53.6





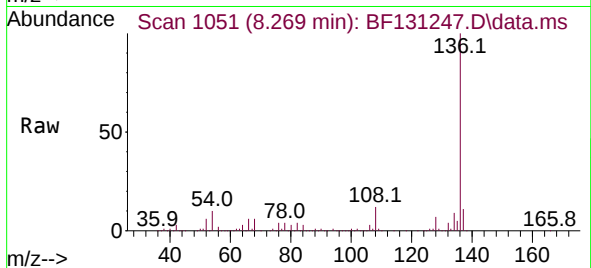
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

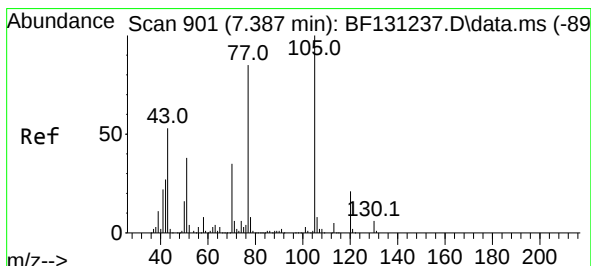
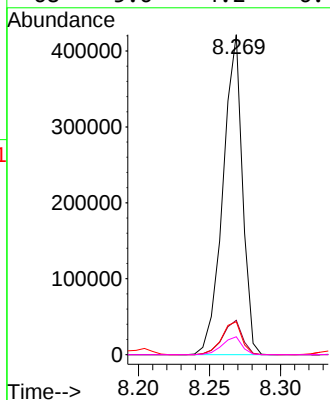
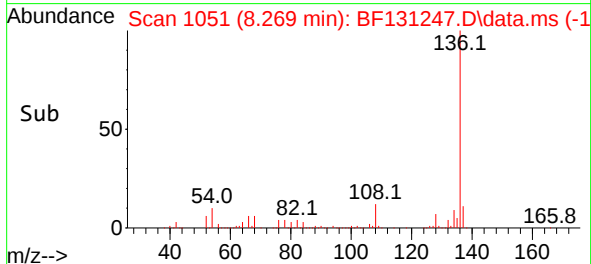


Tgt Ion:136 Resp: 402735
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 10.3 7.8 11.8
68 5.6 4.2 6.4

Manual Integrations

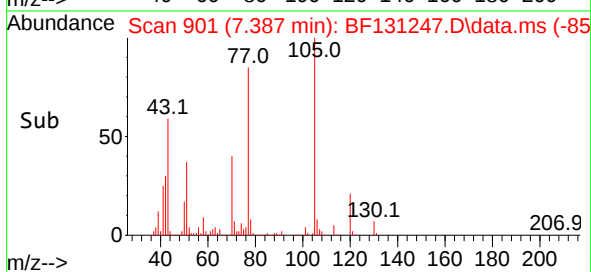
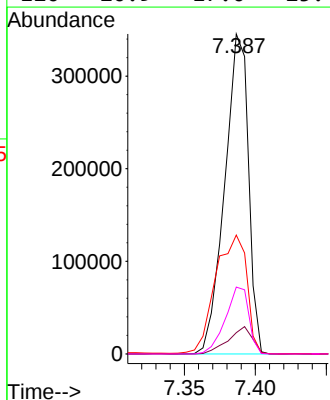
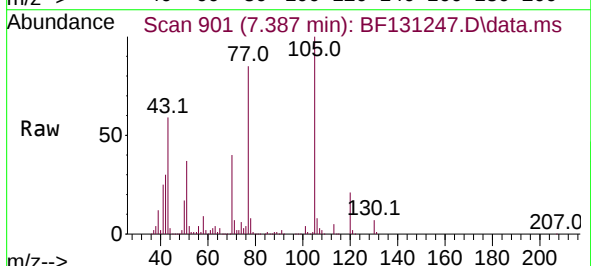
APPROVED

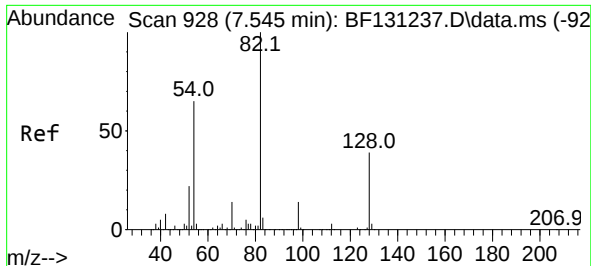
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 38.274 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:105 Resp: 401797
Ion Ratio Lower Upper
105 100
71 6.7 4.7 7.1
51 37.1 30.2 45.2
120 20.9 17.0 25.4





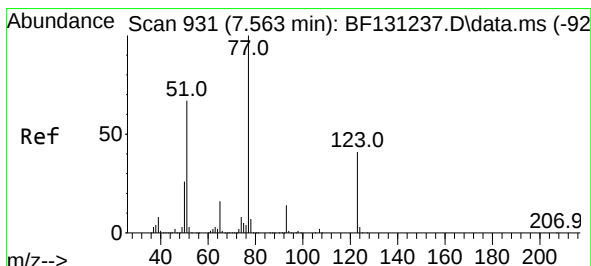
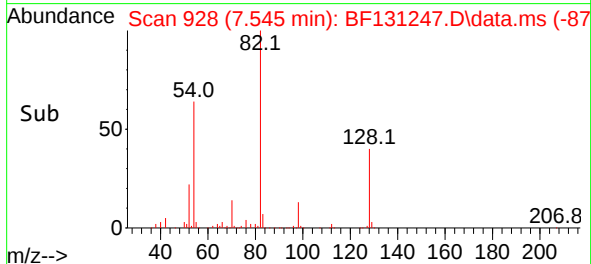
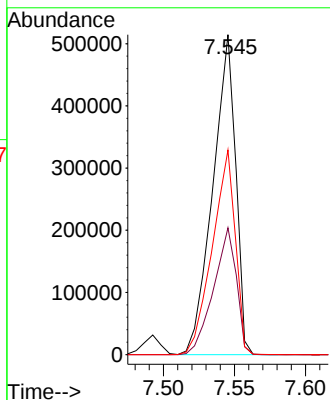
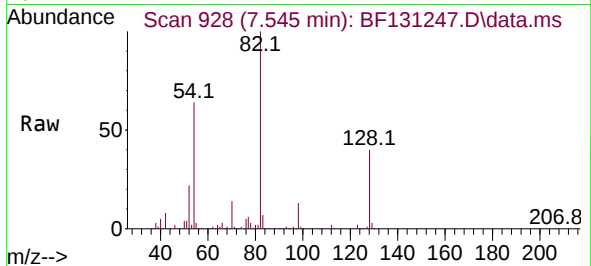
#23
Nitrobenzene-d5
Concen: 80.495 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :
BNA_F
ClientSampleId :
PB148951BS

Tgt Ion: 82 Resp: 577560
Ion Ratio Lower Upper
82 100
128 39.6 31.1 46.7
54 64.0 51.8 77.6

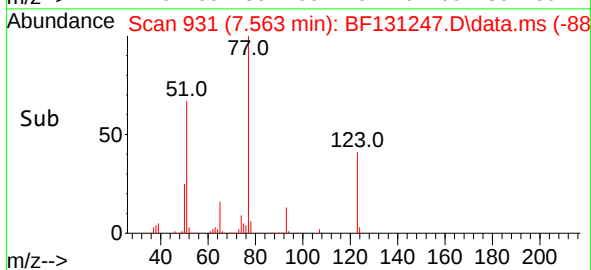
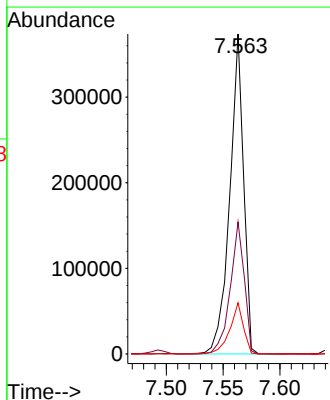
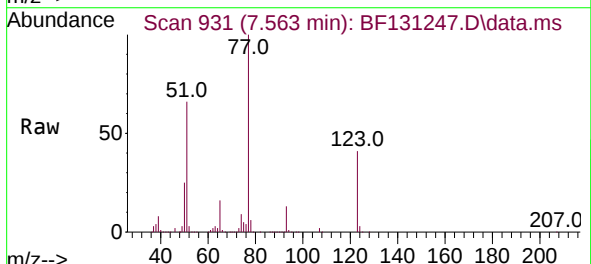
Manual Integrations
APPROVED

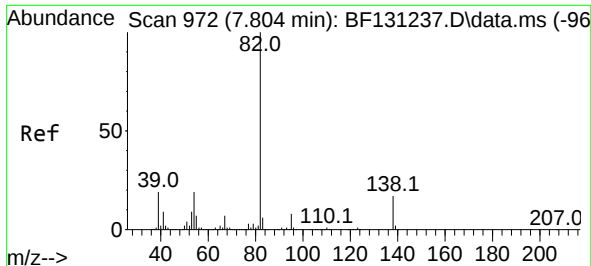
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#24
Nitrobenzene
Concen: 41.053 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

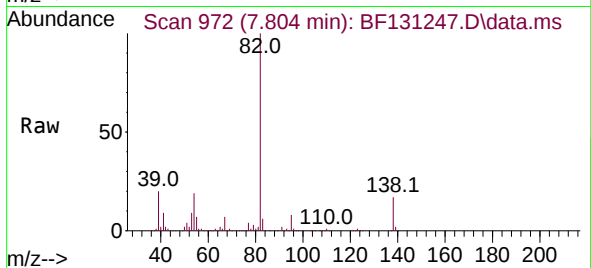
Tgt Ion: 77 Resp: 317990
Ion Ratio Lower Upper
77 100
123 41.2 33.2 49.8
65 16.0 13.0 19.4





#25
Isophorone
Concen: 40.441 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

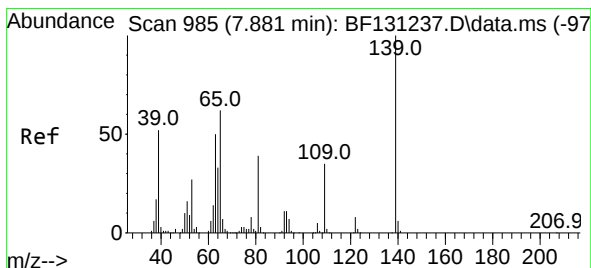
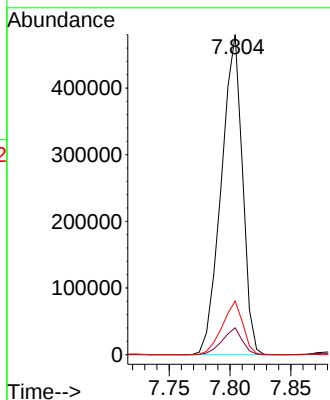
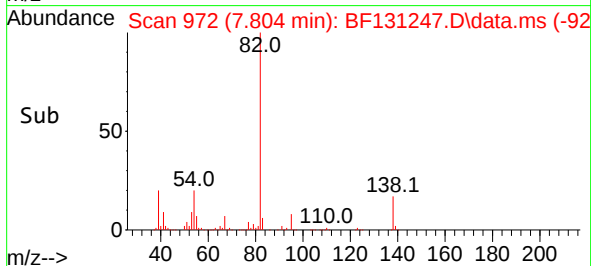
Instrument :
BNA_F
ClientSampleId :
PB148951BS



Tgt Ion: 82 Resp: 579686
Ion Ratio Lower Upper
82 100
95 8.4 6.2 9.2
138 16.7 13.4 20.0

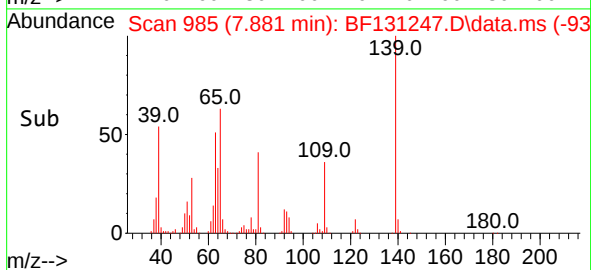
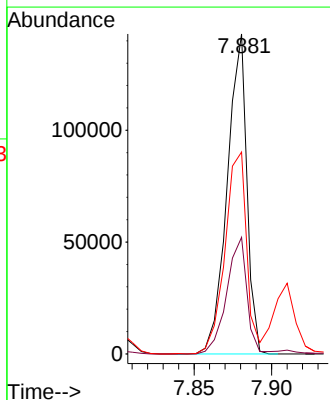
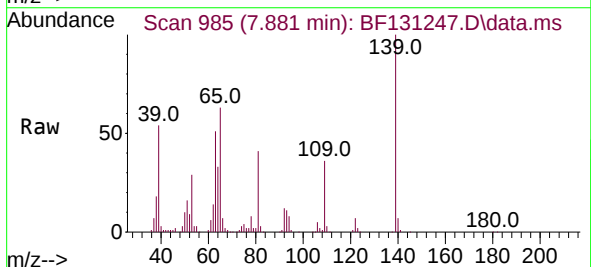
Manual Integrations
APPROVED

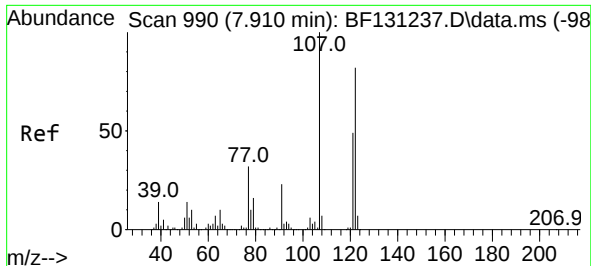
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 41.421 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:139 Resp: 126503
Ion Ratio Lower Upper
139 100
109 36.4 28.0 42.0
65 63.1 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 44.387 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131247.D

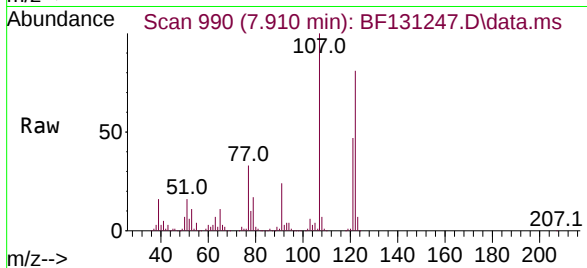
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

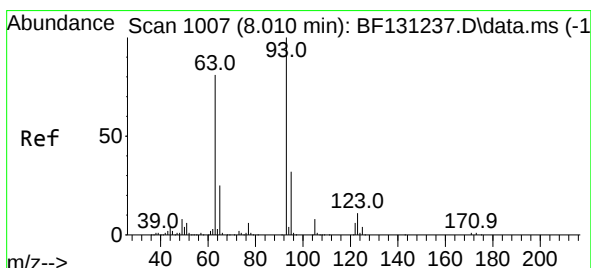
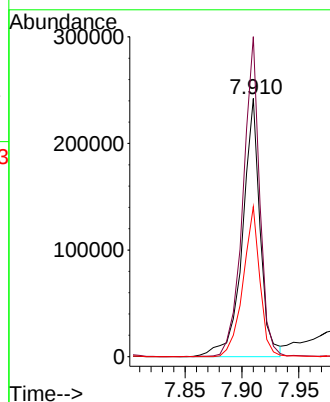
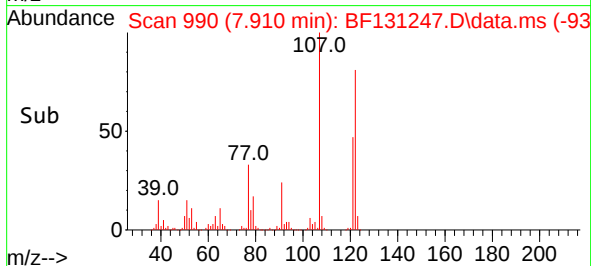


Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.0	97.1	145.7
121	58.0	47.5	71.3

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 41.173 ng

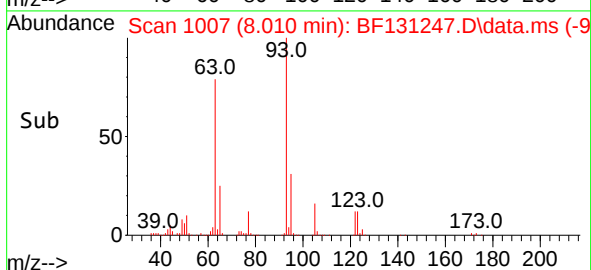
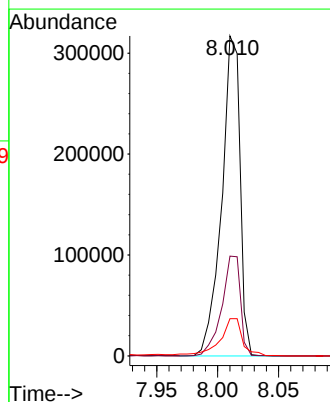
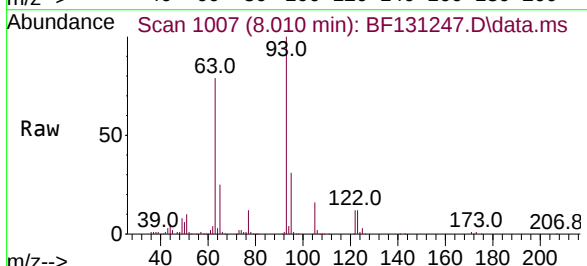
RT: 8.010 min Scan# 1007

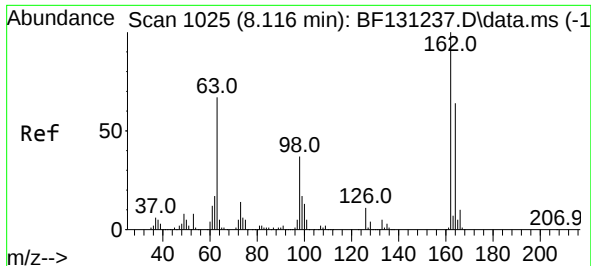
Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.7	38.5
123	11.6	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 38.450 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

Tgt Ion:162 Resp: 243966

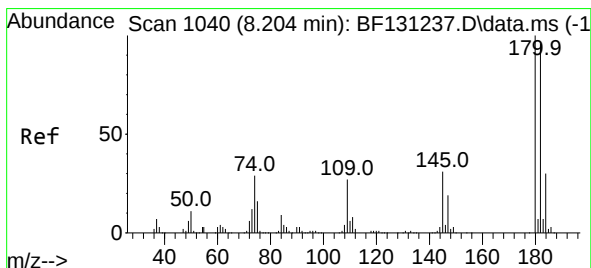
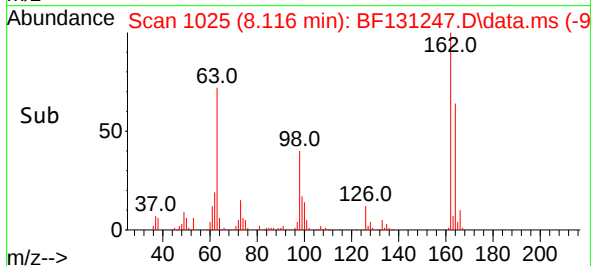
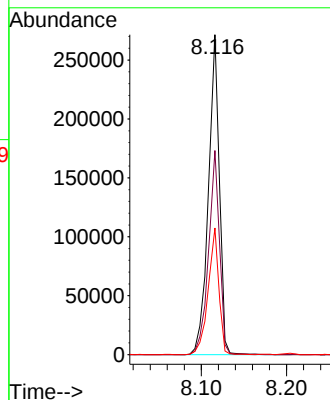
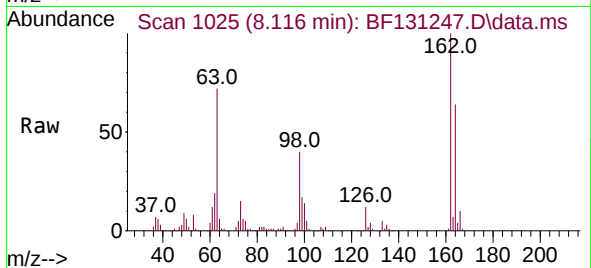
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.5	83.5
98	39.6	17.2	57.2

Manual Integrations

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Supervised By :Jagrut Upadhyay 11/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 36.349 ng

RT: 8.204 min Scan# 1040

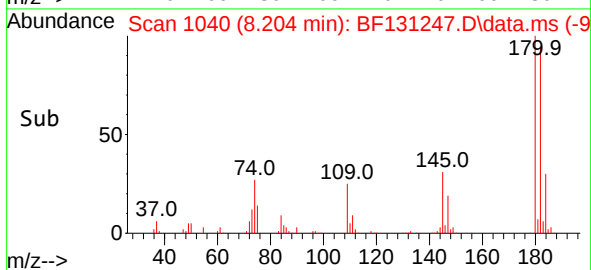
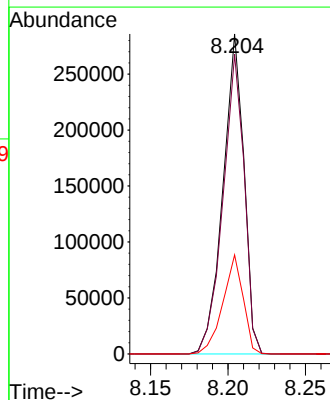
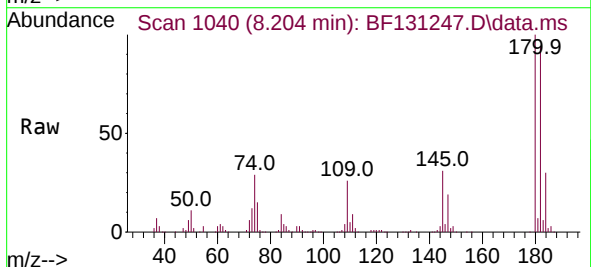
Delta R.T. 0.000 min

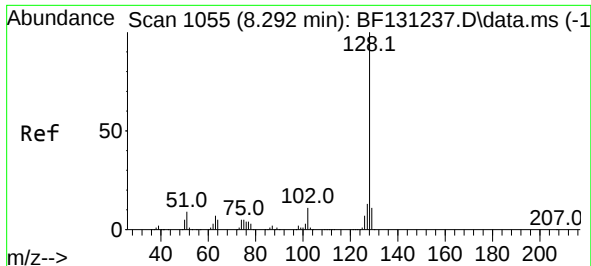
Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion:180 Resp: 270408

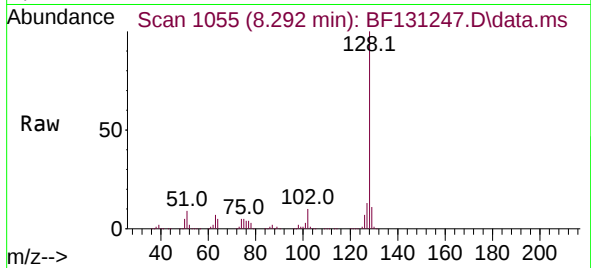
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.6	115.0
145	30.9	24.8	37.2





#31
Naphthalene
Concen: 36.059 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

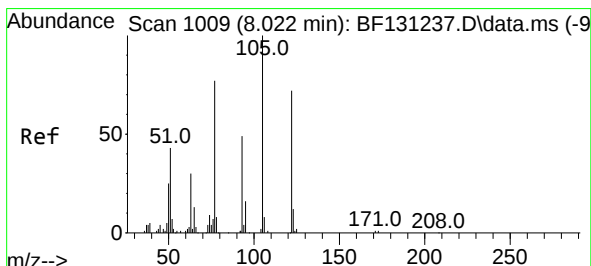
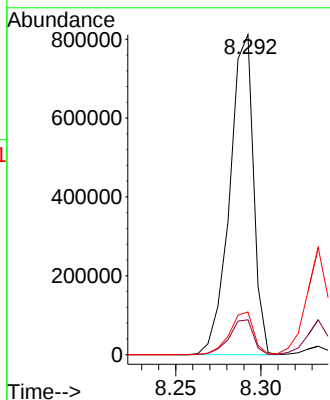
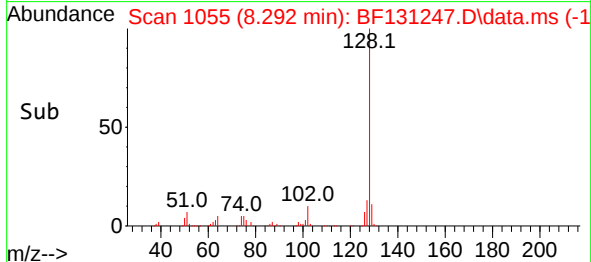
Instrument :
BNA_F
ClientSampleId :
PB148951BS



Tgt Ion:128 Resp: 786789
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.3 10.3 15.5

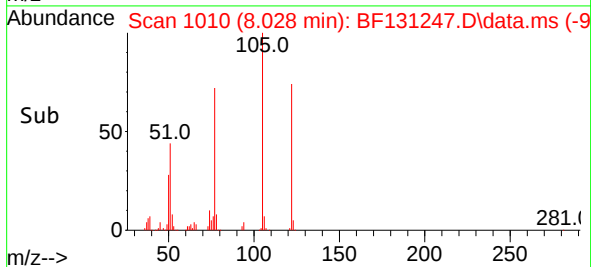
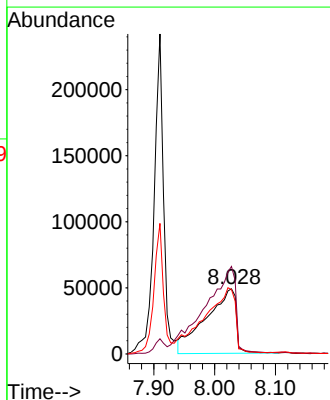
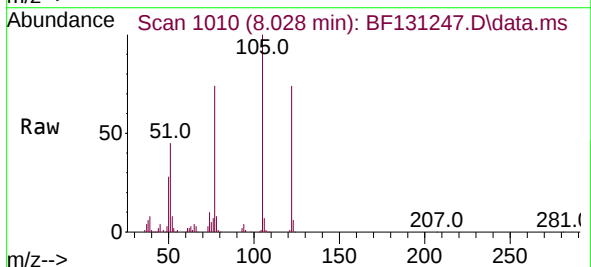
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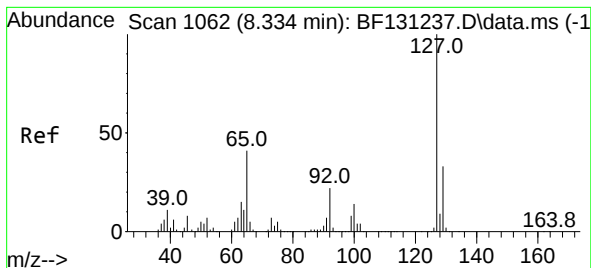
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 40.807 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:122 Resp: 168458
Ion Ratio Lower Upper
122 100
105 134.3 116.9 156.9
77 99.0 86.9 126.9





#33

4-Chloroaniline

Concen: 27.657 ng

RT: 8.334 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

Tgt Ion:127 Resp: 237558

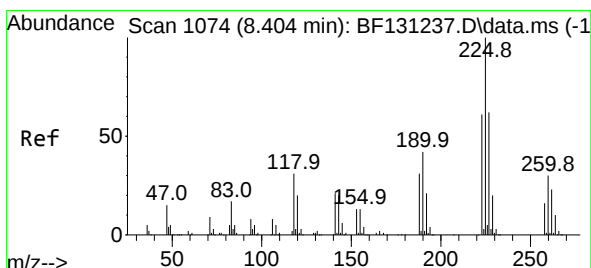
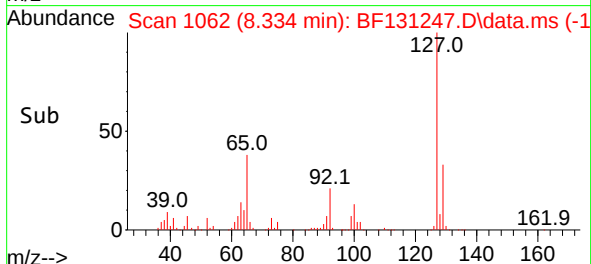
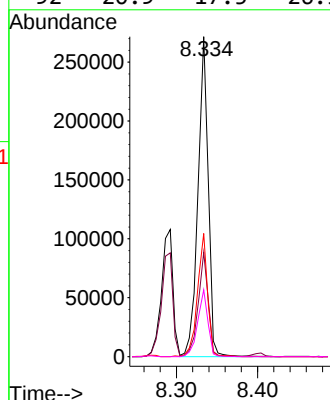
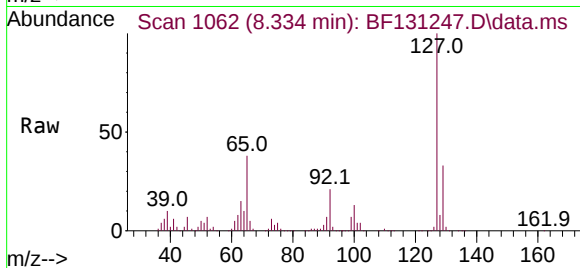
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.0	39.0
65	38.5	32.6	48.8
92	20.9	17.5	26.3

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#34

Hexachlorobutadiene

Concen: 37.266 ng

RT: 8.404 min Scan# 1074

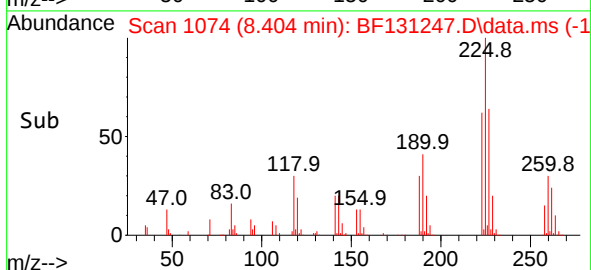
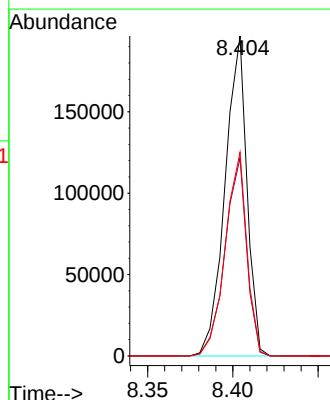
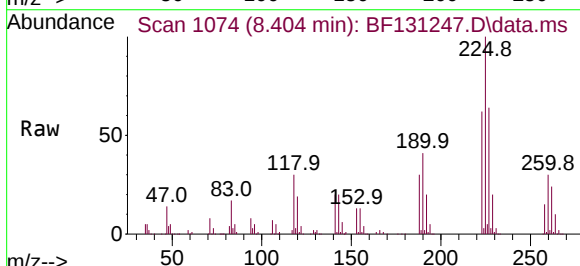
Delta R.T. 0.000 min

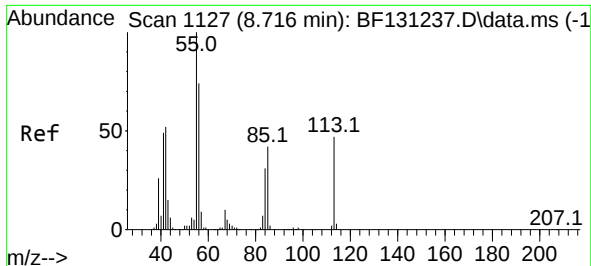
Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion:225 Resp: 175461

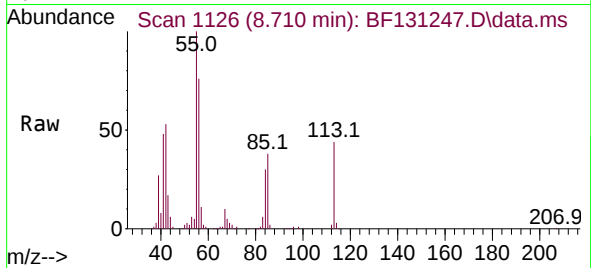
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.1	73.7
227	63.7	50.0	75.0





#35
 Caprolactam
 Concen: 39.722 ng m
 RT: 8.710 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

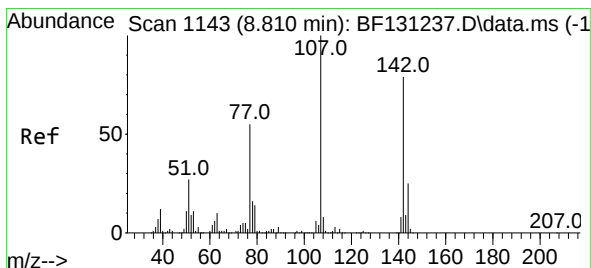
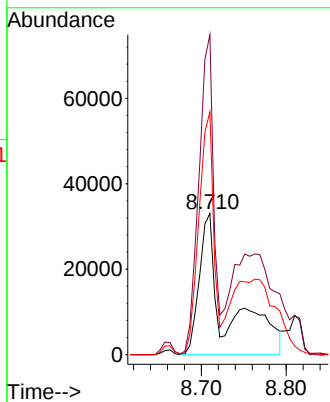
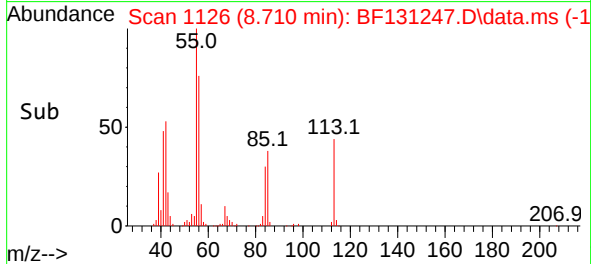
Instrument :
 BNA_F
 ClientSampleId :
 PB148951BS



Tgt Ion:113 Resp: 7448
 Ion Ratio Lower Upper
 113 100
 55 226.7 193.2 233.2
 56 172.1 137.2 177.2

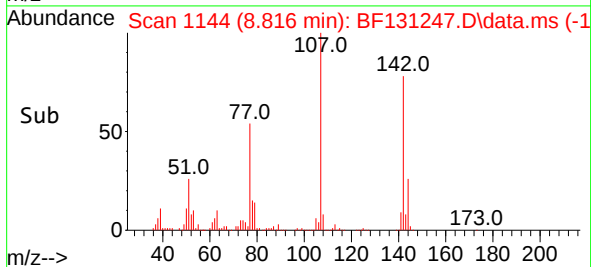
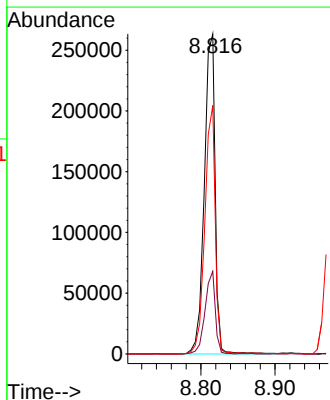
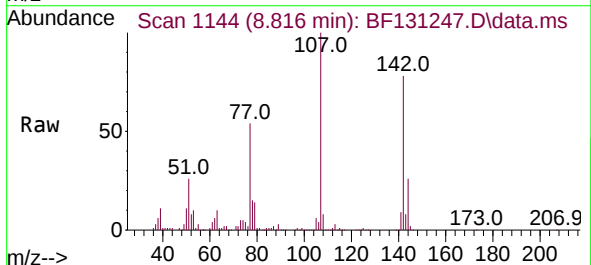
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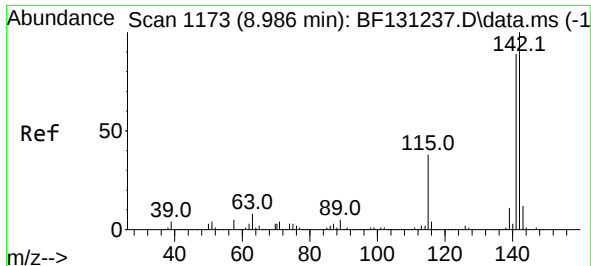
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022



#36
 4-Chloro-3-methylphenol
 Concen: 39.891 ng
 RT: 8.816 min Scan# 1144
 Delta R.T. 0.006 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

Tgt Ion:107 Resp: 266423
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.2 30.2
 142 77.6 63.0 94.6





#37

2-Methylnaphthalene

Concen: 36.571 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

Tgt Ion:142 Resp: 531442

Ion Ratio Lower Upper

142 100

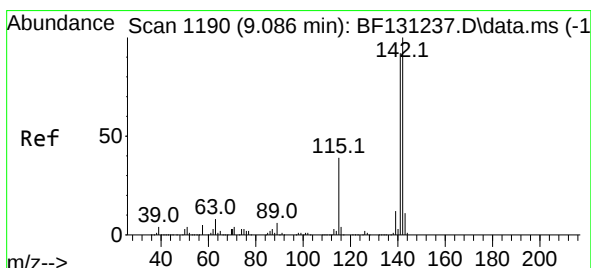
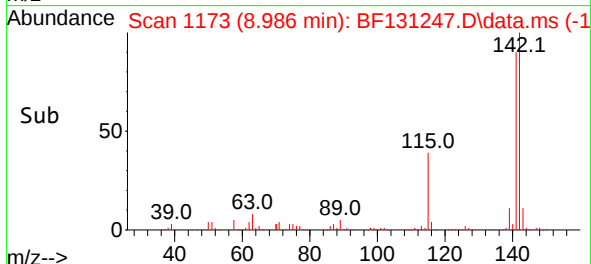
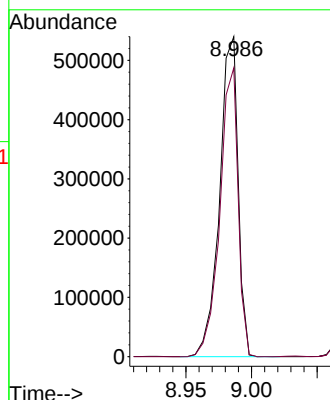
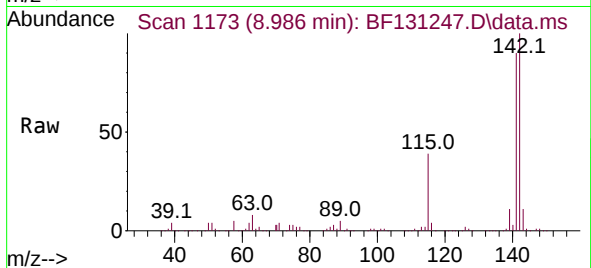
141 90.2 71.0 106.6

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 35.912 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF131247.D

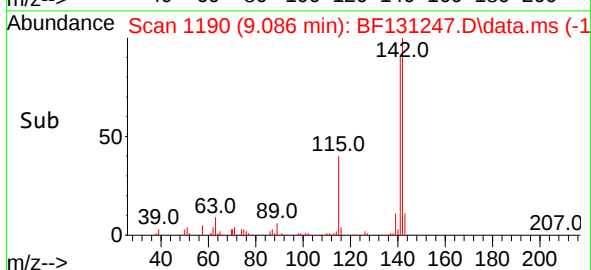
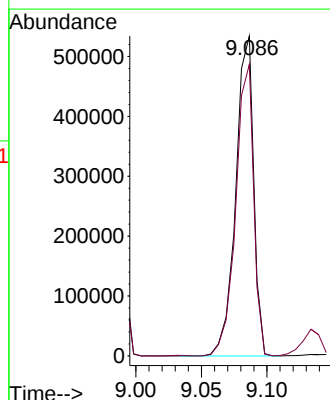
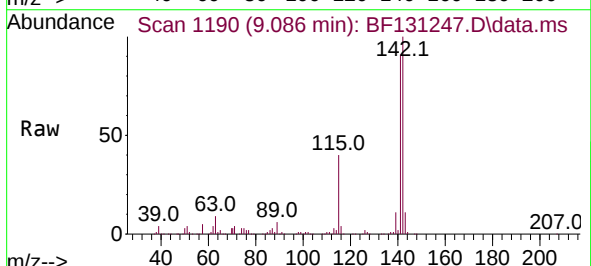
Acq: 15 Nov 2022 23:14

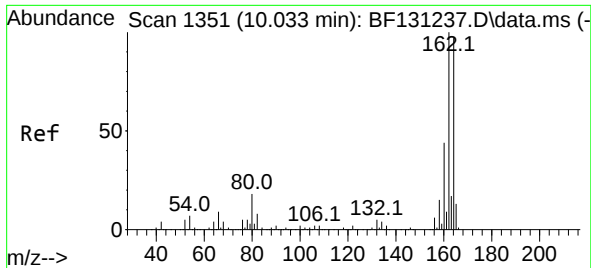
Tgt Ion:142 Resp: 506045

Ion Ratio Lower Upper

142 100

141 91.1 73.4 110.2





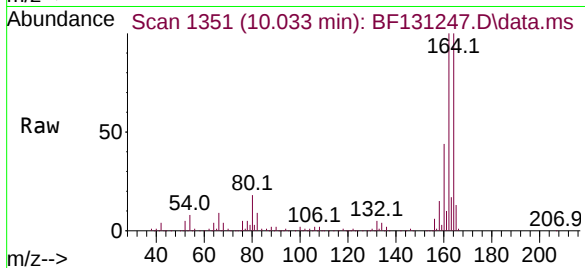
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

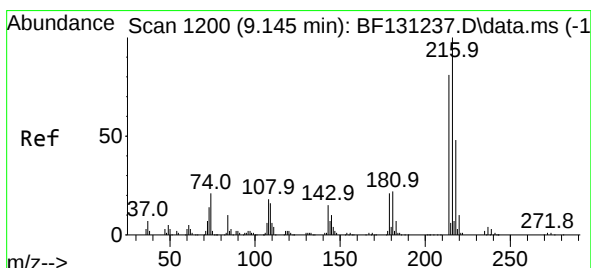
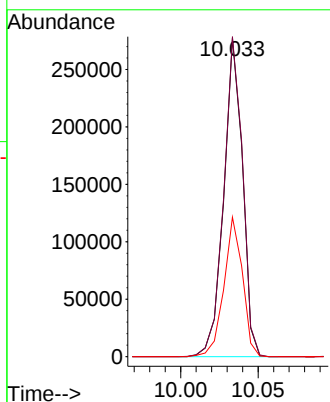
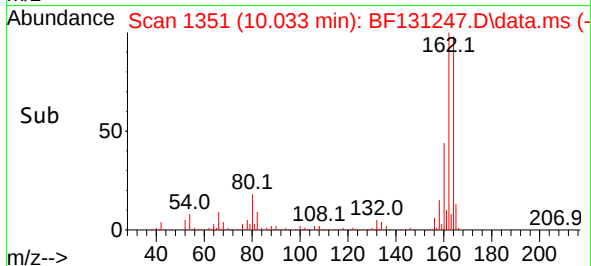


Tgt Ion:164 Resp: 234185
Ion Ratio Lower Upper
164 100
162 100.5 82.1 123.1
160 43.8 36.2 54.4

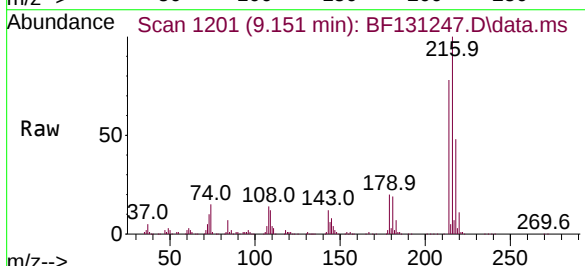
Manual Integrations

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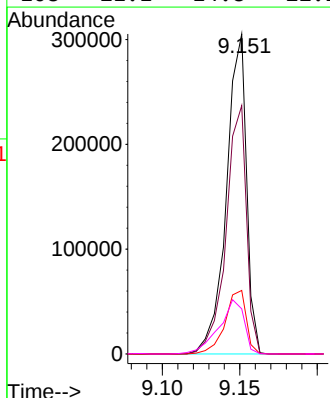
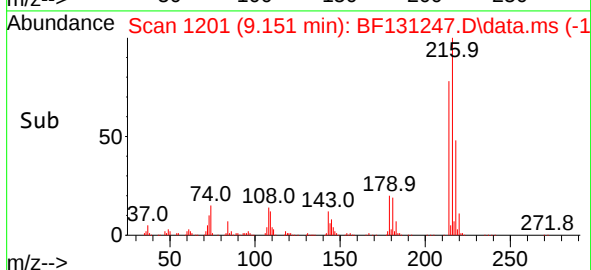
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

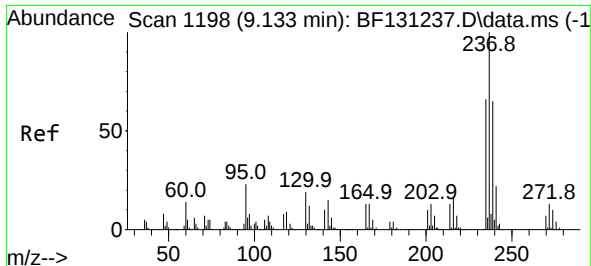


#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.490 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



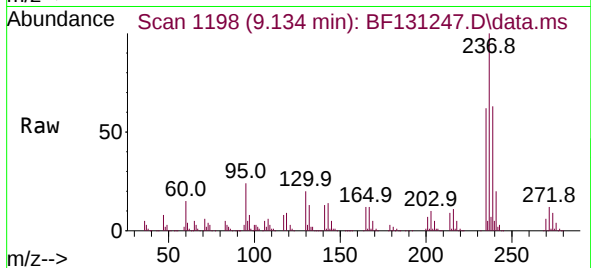
Tgt Ion:216 Resp: 275139
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 20.9 16.5 24.7
108 21.1 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 91.404 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

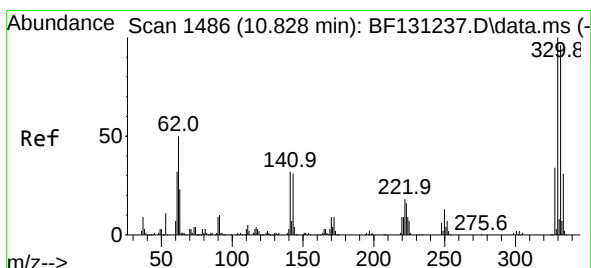
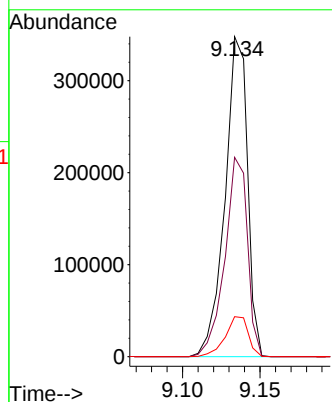
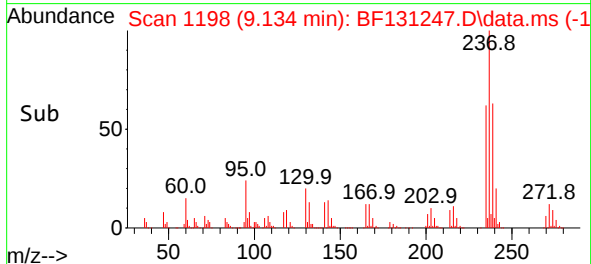
Instrument :
BNA_F
ClientSampleId :
PB148951BS



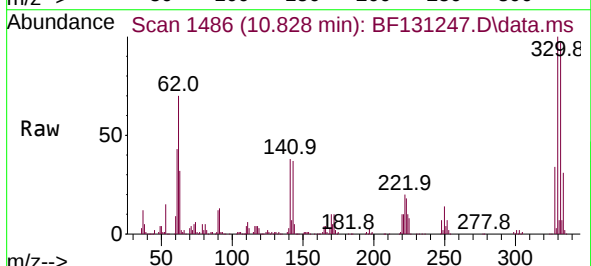
Tgt Ion:237 Resp: 353244
Ion Ratio Lower Upper
237 100
235 62.3 45.6 85.6
272 12.5 0.0 32.6

Manual Integrations
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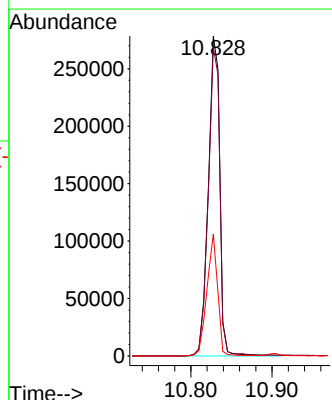
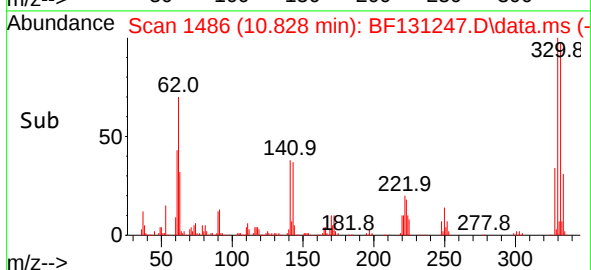
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

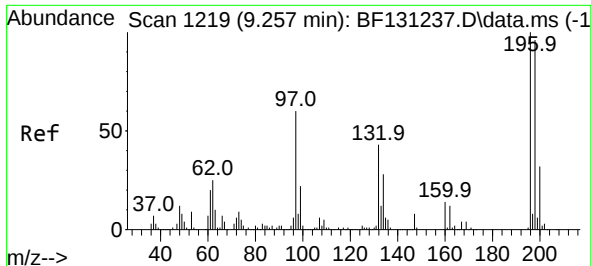


#42
2,4,6-Tribromophenol
Concen: 122.681 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:330 Resp: 274431
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 35.7 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 35.562 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

Tgt Ion:196 Resp: 175308

Ion Ratio Lower Upper

196 100

198 96.9 76.5 114.7

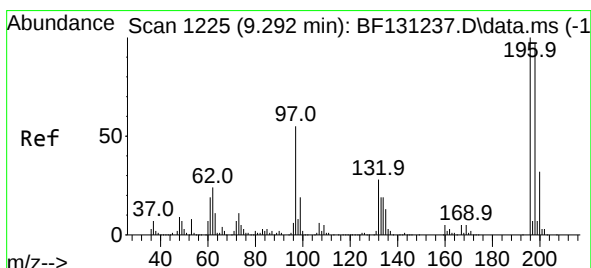
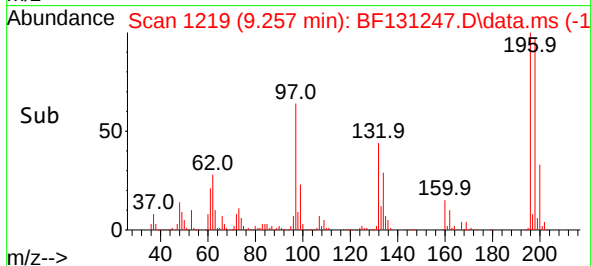
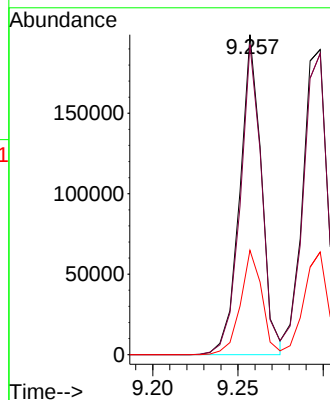
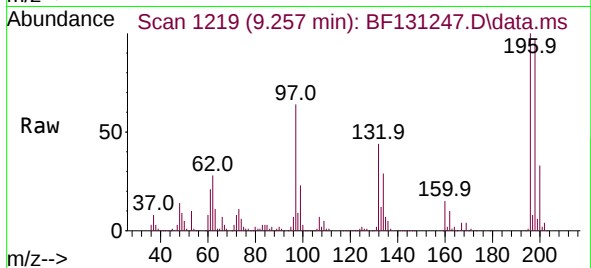
200 32.6 25.3 37.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#44

2,4,5-Trichlorophenol

Concen: 37.951 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

Tgt Ion:196 Resp: 200766

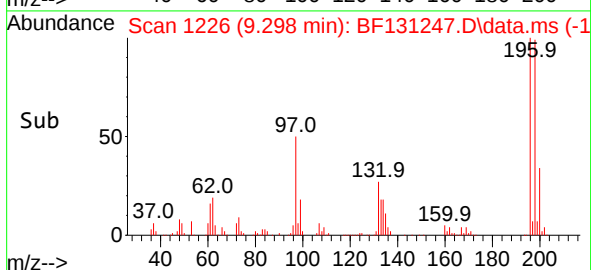
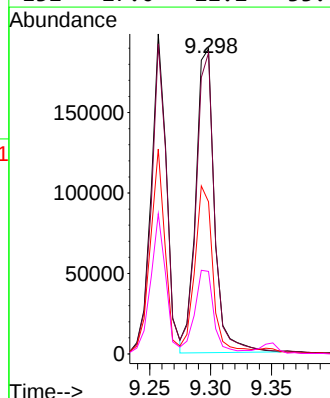
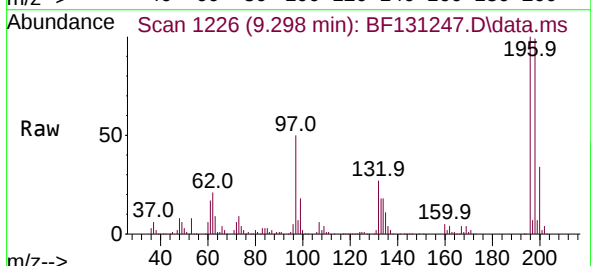
Ion Ratio Lower Upper

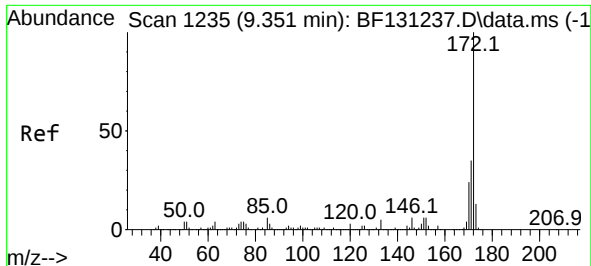
196 100

198 98.7 77.0 115.6

97 49.8 44.3 66.5

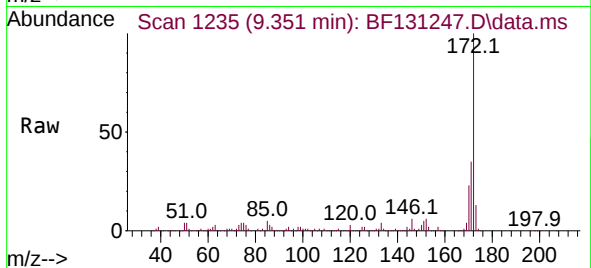
132 27.0 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 70.024 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

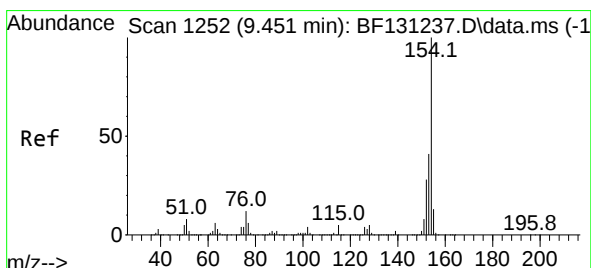
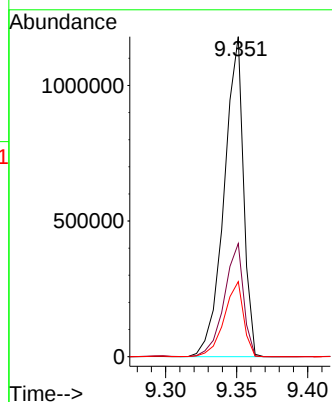
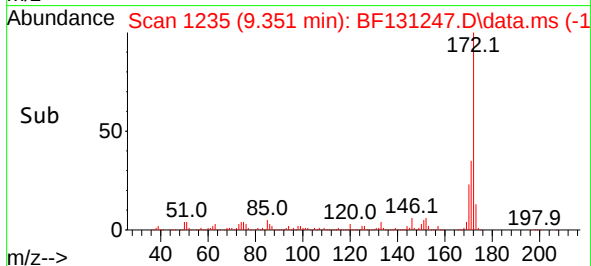
Instrument :
BNA_F
ClientSampleId :
PB148951BS



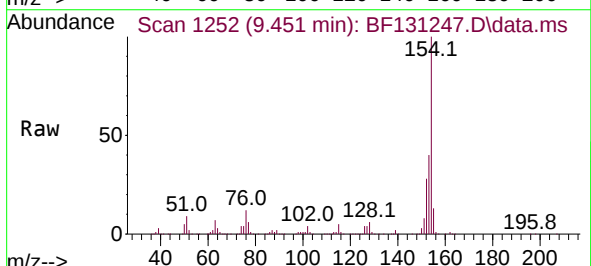
Tgt Ion:172 Resp: 1120578
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.2
170 23.4 18.8 28.2

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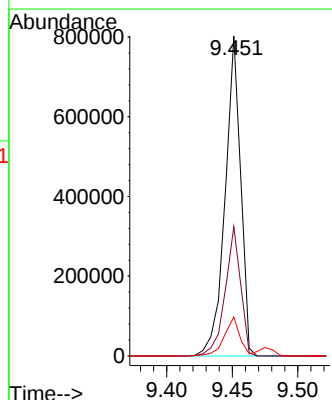
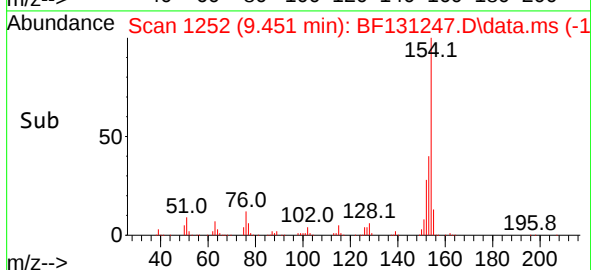
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

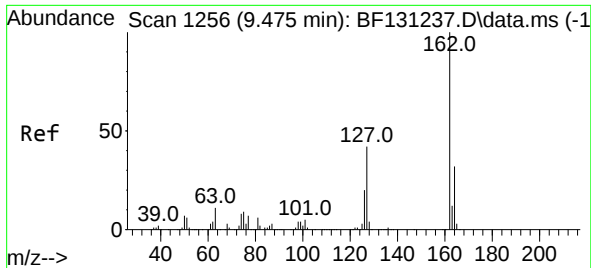


#46
1,1'-Biphenyl
Concen: 36.812 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:154 Resp: 662715
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 12.1 0.0 31.6





#47
2-Chloronaphthalene
Concen: 36.077 ng
RT: 9.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

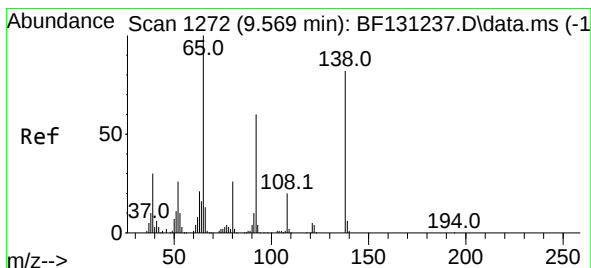
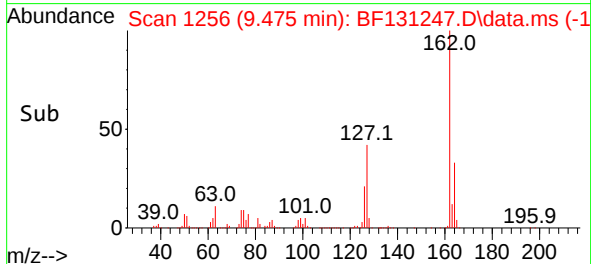
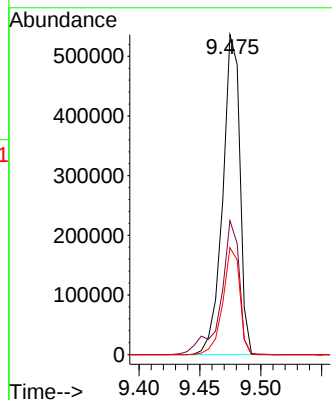
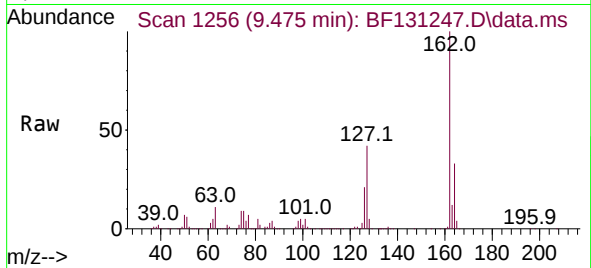
ClientSampleId :

PB148951BS

Tgt Ion:162 Resp: 526143
Ion Ratio Lower Upper
162 100
127 41.8 34.1 51.1
164 33.4 25.9 38.9

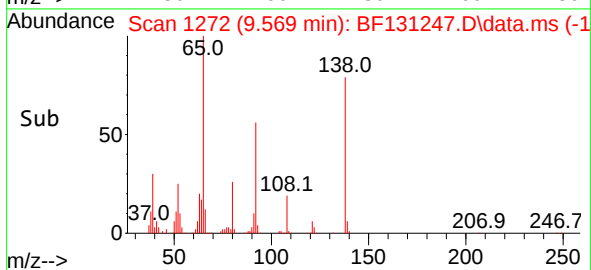
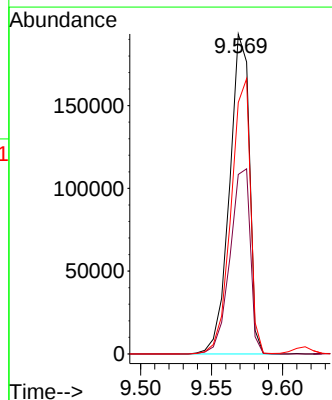
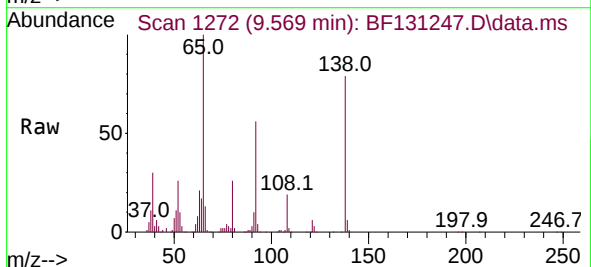
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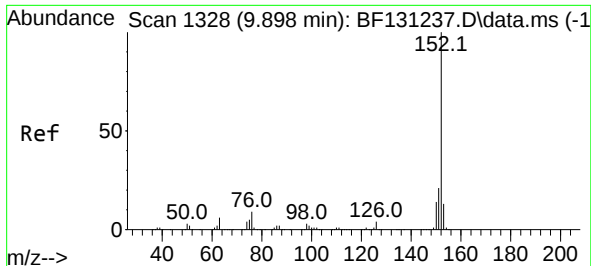
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#48
2-Nitroaniline
Concen: 40.895 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

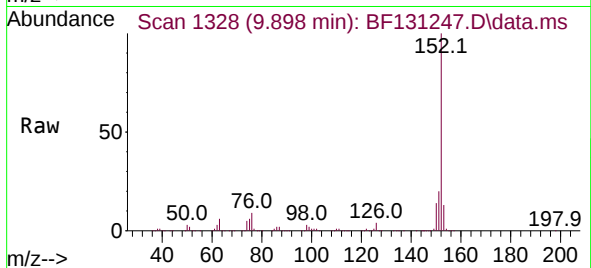
Tgt Ion: 65 Resp: 188312
Ion Ratio Lower Upper
65 100
92 56.1 48.2 72.2
138 78.6 65.8 98.8





#49
Acenaphthylene
Concen: 36.933 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

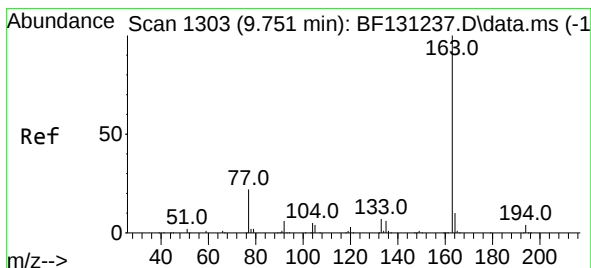
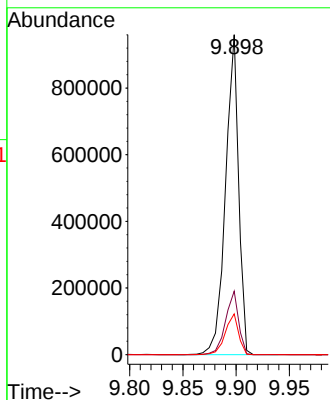
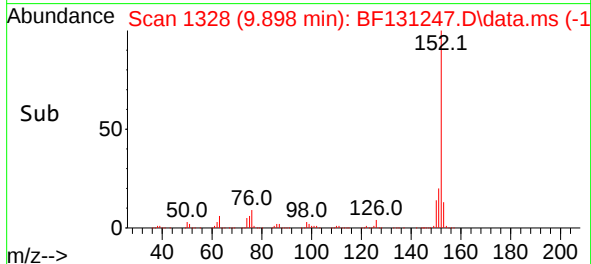
Instrument :
BNA_F
ClientSampleId :
PB148951BS



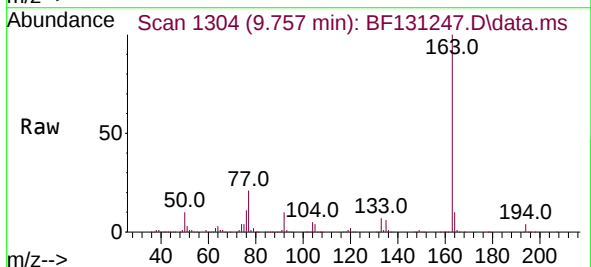
Tgt Ion:152 Resp: 822488
Ion Ratio Lower Upper
152 100
151 19.8 16.4 24.6
153 12.7 10.5 15.7

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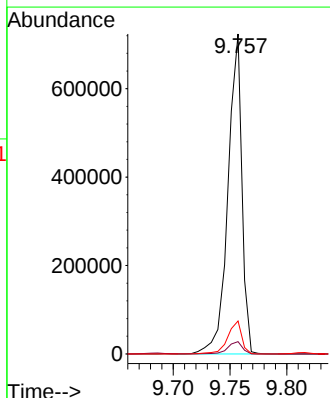
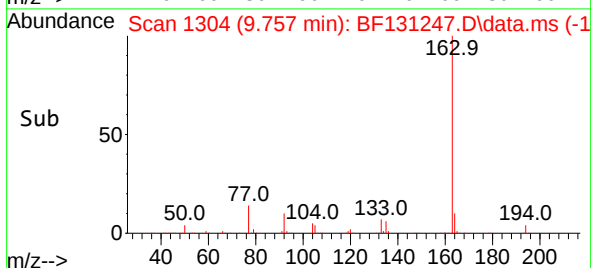
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

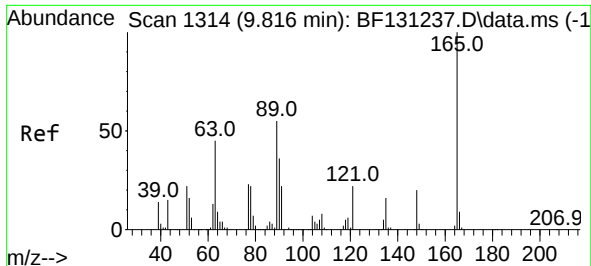


#50
Dimethylphthalate
Concen: 36.804 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:163 Resp: 617173
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 40.607 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

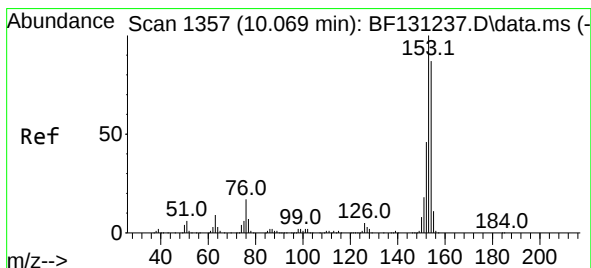
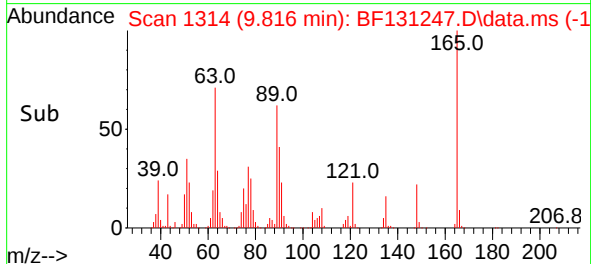
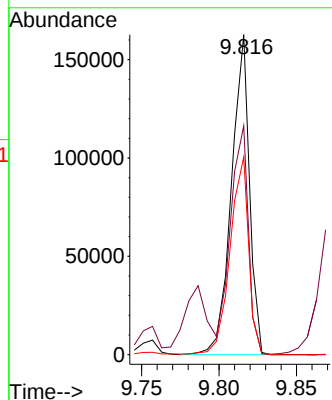
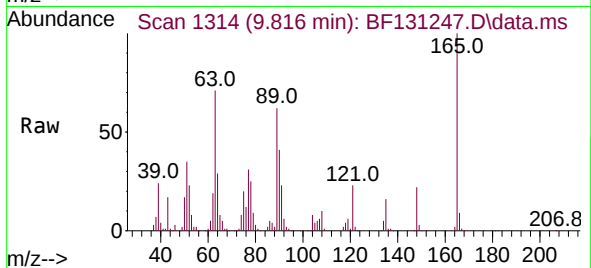
ClientSampleId :

PB148951BS

Tgt Ion:165 Resp: 131969
Ion Ratio Lower Upper
165 100
63 71.5 49.8 74.6
89 61.7 44.5 66.7

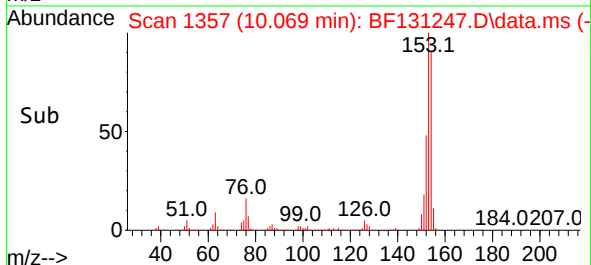
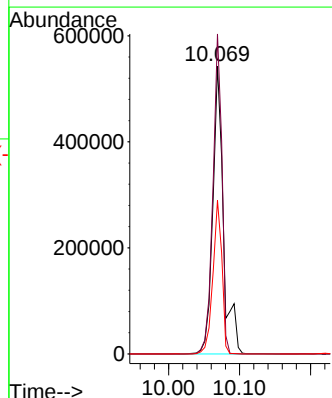
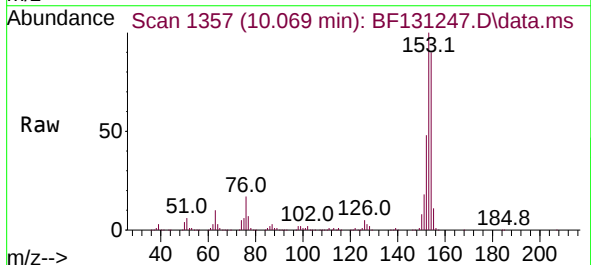
Manual Integrations
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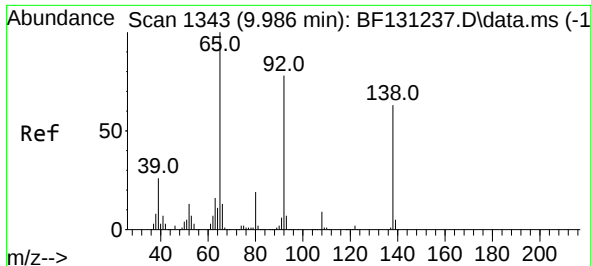
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#52
Acenaphthene
Concen: 40.608 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:154 Resp: 564492
Ion Ratio Lower Upper
154 100
153 111.2 91.4 137.2
152 53.4 42.4 63.6





#53
3-Nitroaniline
Concen: 29.788 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

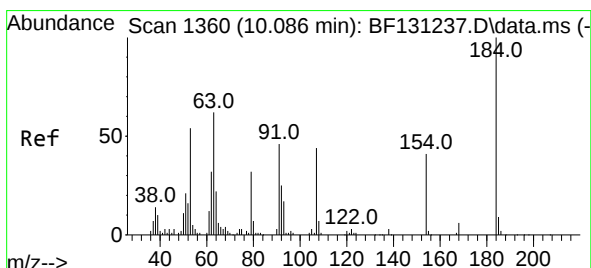
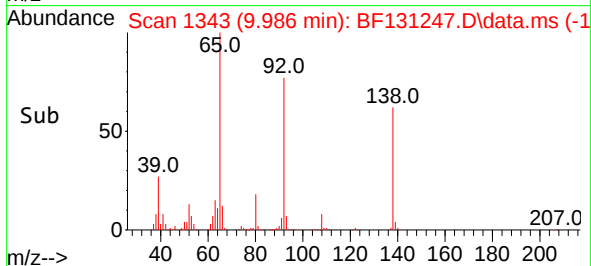
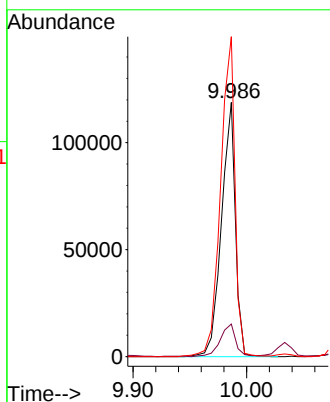
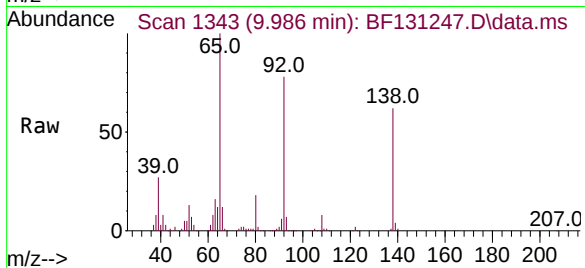
PB148951BS

Tgt Ion:138 Resp: 100775
Ion Ratio Lower Upper
138 100
108 12.8 11.4 17.2
92 125.9 98.6 148.0

Manual Integrations

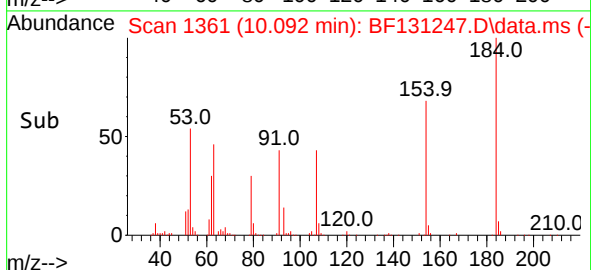
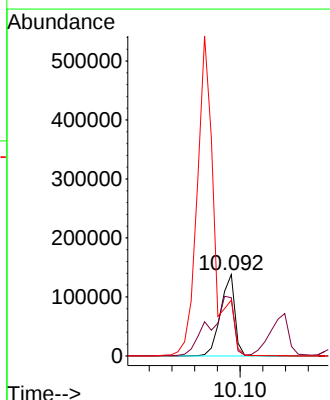
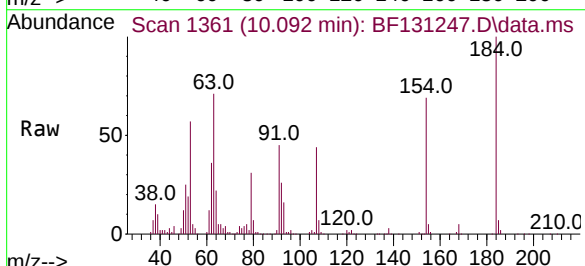
APPROVED

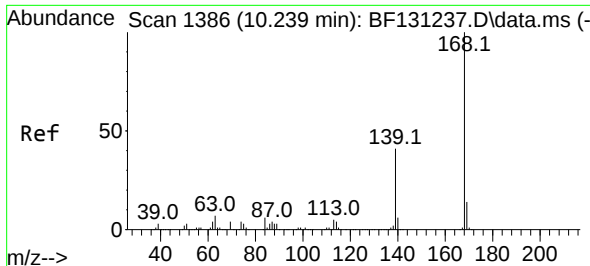
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 80.338 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Tgt Ion:184 Resp: 119881
Ion Ratio Lower Upper
184 100
63 71.5 52.5 78.7
154 68.6 54.0 81.0





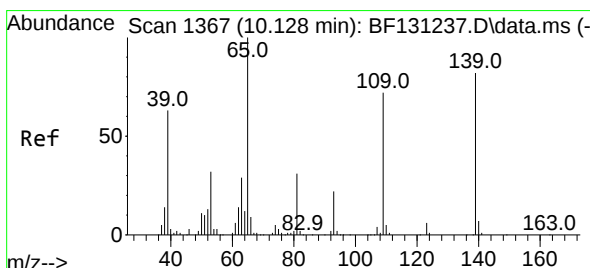
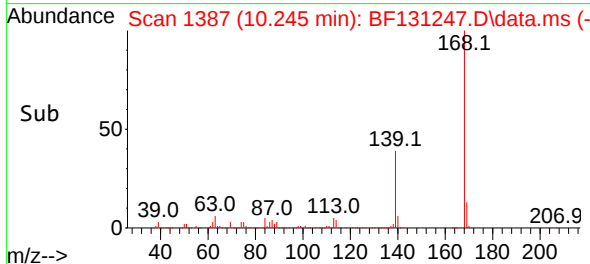
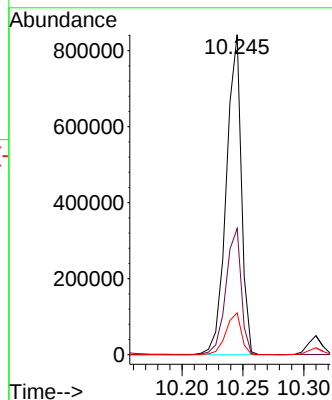
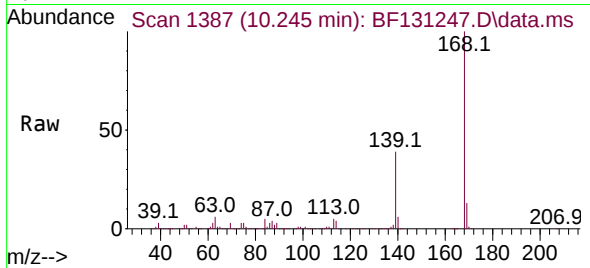
#55
Dibenzenofuran
Concen: 36.305 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :
BNA_F
ClientSampleId :
PB148951BS

Tgt Ion:168 Resp: 723059
Ion Ratio Lower Upper
168 100
139 39.4 32.9 49.3
169 13.0 10.8 16.2

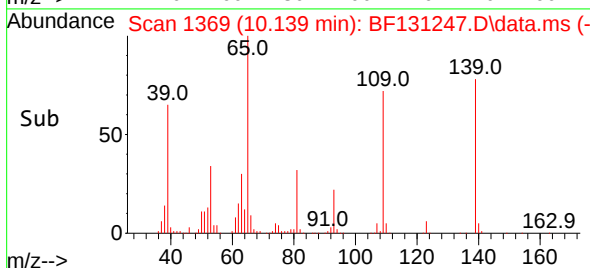
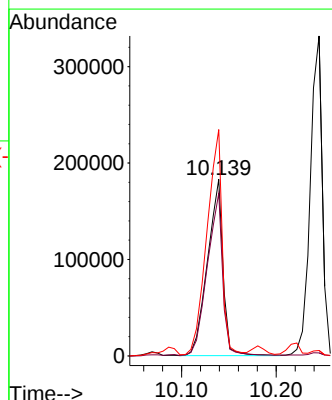
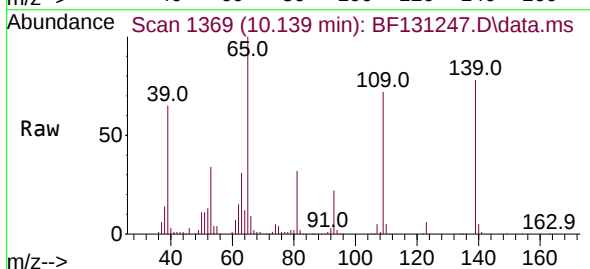
Manual Integrations
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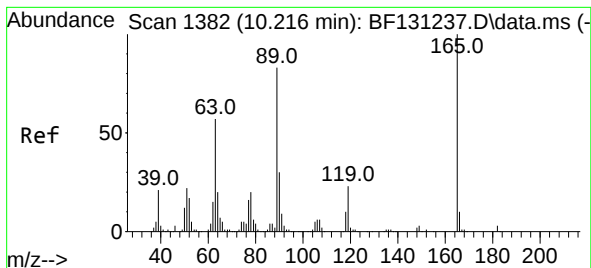
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 78.933 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

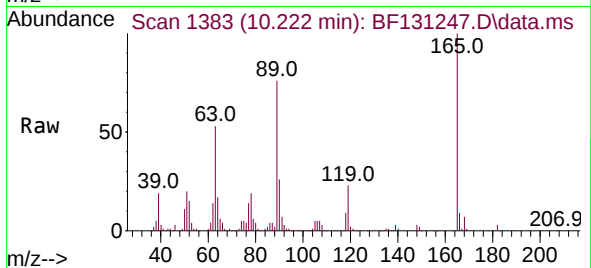
Tgt Ion:139 Resp: 208266
Ion Ratio Lower Upper
139 100
109 92.2 68.1 108.1
65 128.2 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 42.791 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

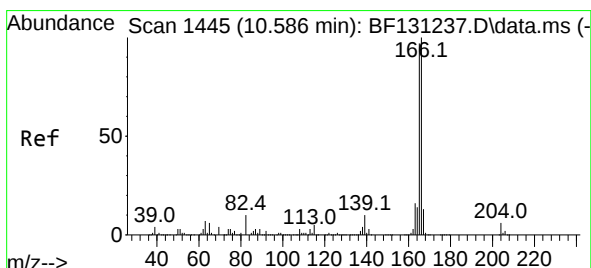
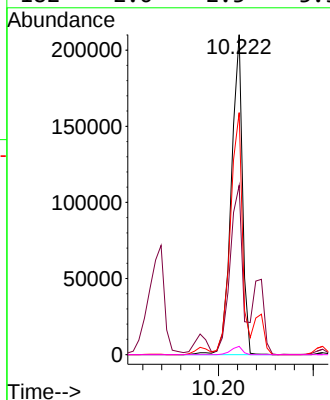
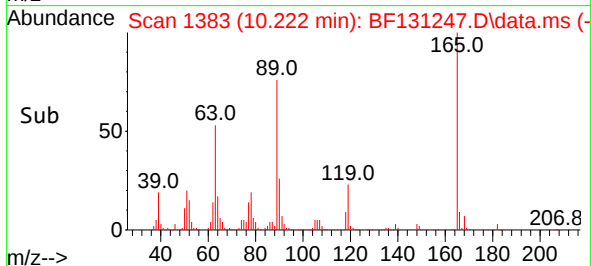
Instrument :
BNA_F
ClientSampleId :
PB148951BS



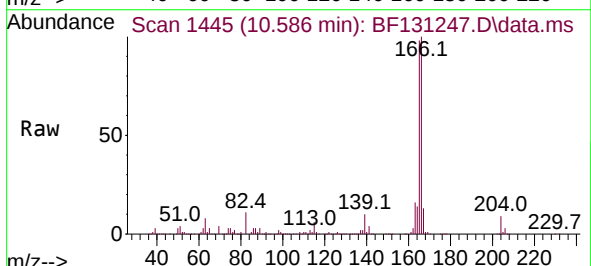
Tgt Ion:165 Resp: 172691
Ion Ratio Lower Upper
165 100
63 52.9 46.0 69.0
89 75.6 66.2 99.4
182 2.6 2.3 3.5

Manual Integrations
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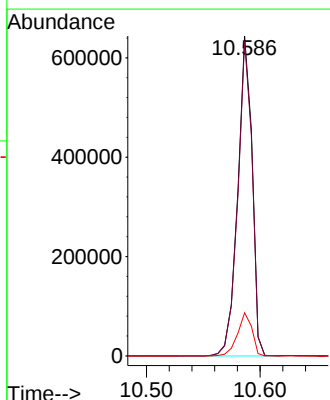
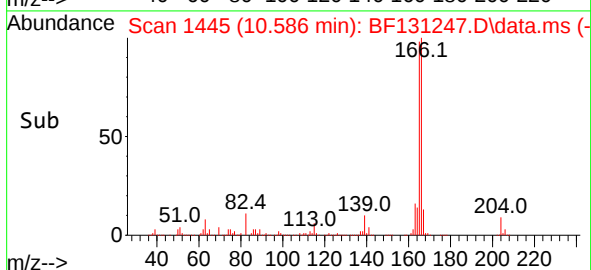
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

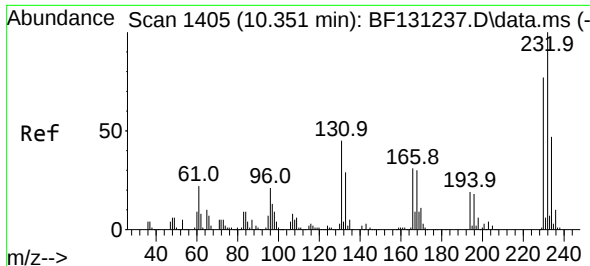


#58
Fluorene
Concen: 36.149 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



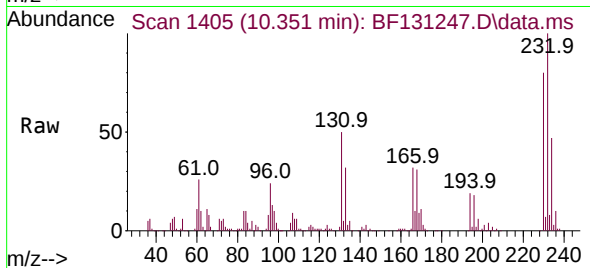
Tgt Ion:166 Resp: 566538
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 13.5 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.826 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

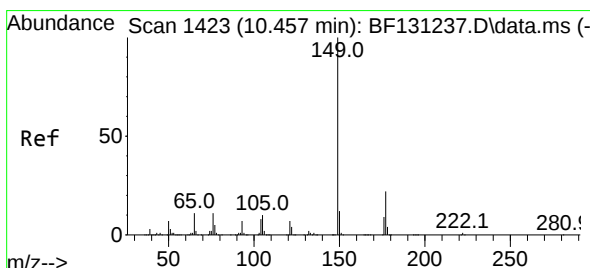
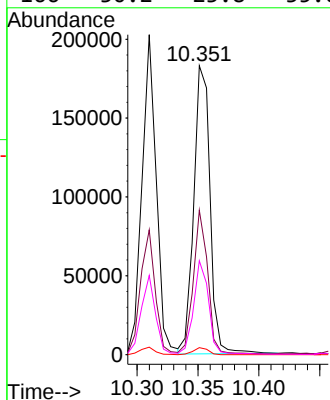
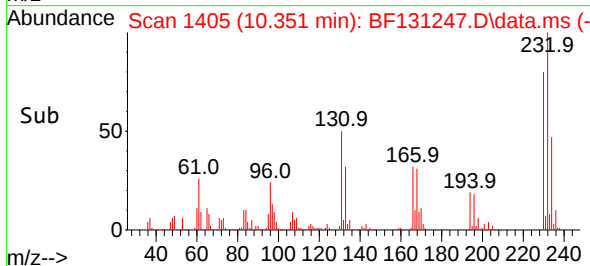
Instrument :
BNA_F
ClientSampleId :
PB148951BS



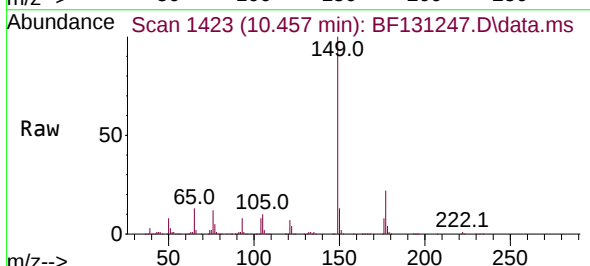
Tgt Ion:232 Resp: 169518
Ion Ratio Lower Upper
232 100
131 45.0 34.6 51.8
130 2.2 1.9 2.9
166 30.2 23.8 35.6

Manual Integrations
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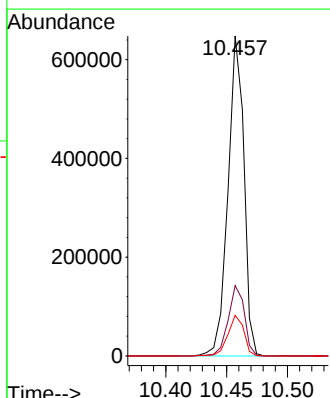
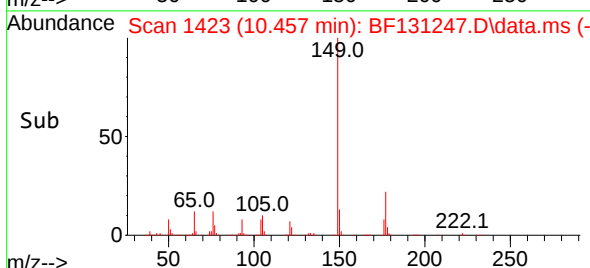
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

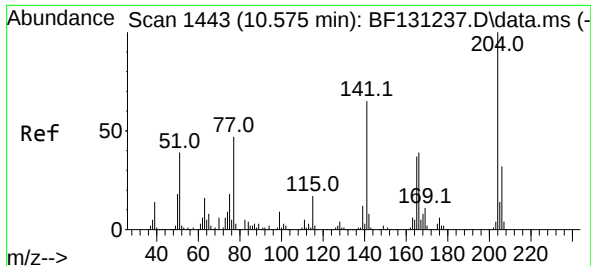


#60
Diethylphthalate
Concen: 37.222 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



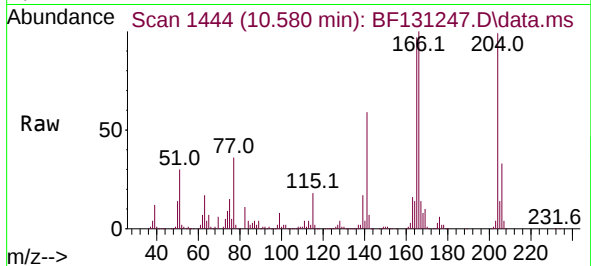
Tgt Ion:149 Resp: 590023
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.7 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 37.505 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

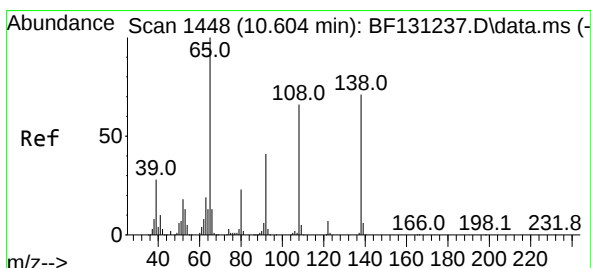
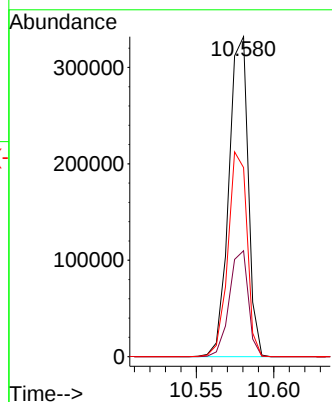
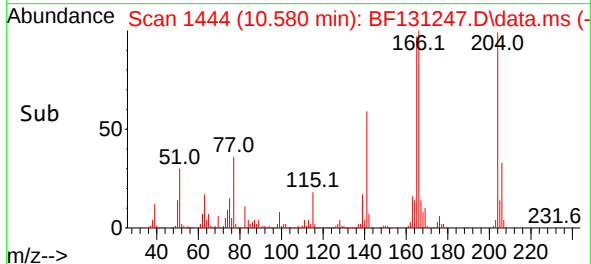
Instrument :
BNA_F
ClientSampleId :
PB148951BS



Tgt Ion:204 Resp: 290637
Ion Ratio Lower Upper
204 100
206 33.1 25.8 38.8
141 59.1 52.1 78.1

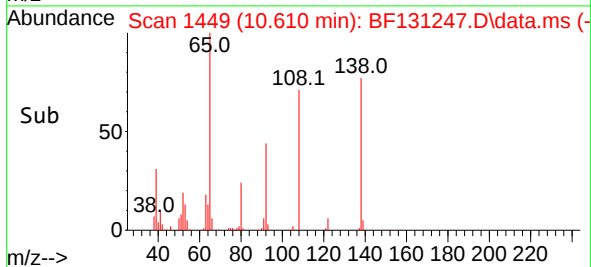
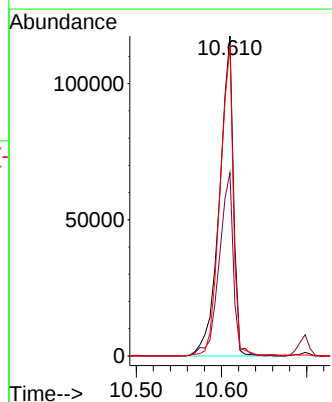
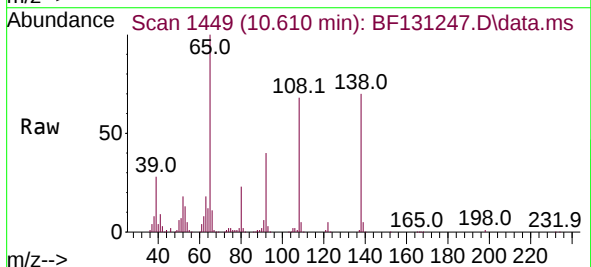
Manual Integrations
APPROVED

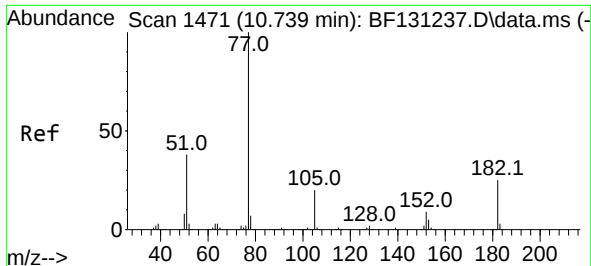
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#62
4-Nitroaniline
Concen: 38.947 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

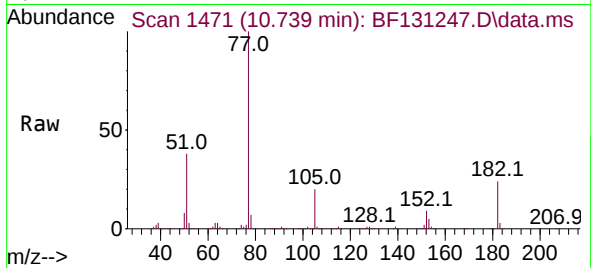
Tgt Ion:138 Resp: 133237
Ion Ratio Lower Upper
138 100
92 57.3 37.6 77.6
108 96.8 73.2 113.2





#63
Azobenzene
Concen: 36.564 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

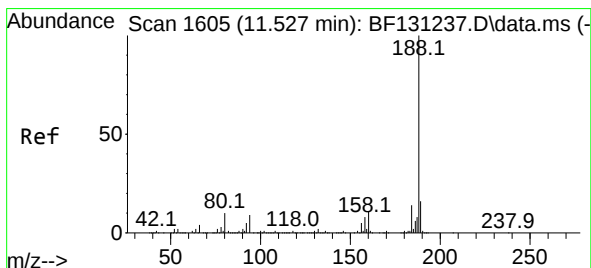
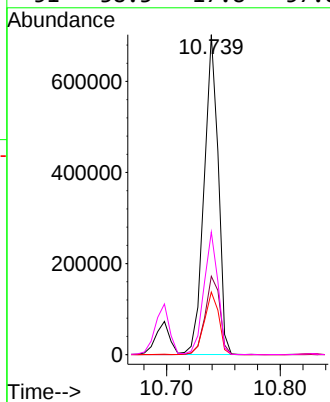
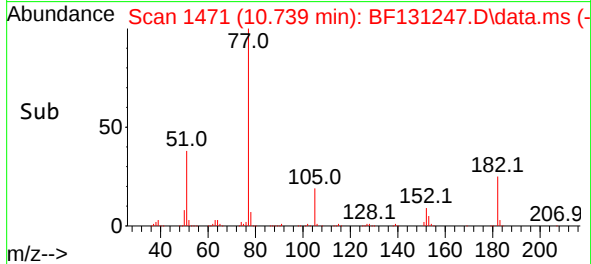
Instrument :
BNA_F
ClientSampleId :
PB148951BS



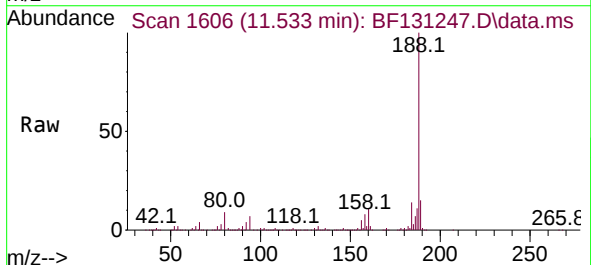
Tgt Ion: 77 Resp: 606816
Ion Ratio Lower Upper
77 100
182 24.5 5.0 45.0
105 19.5 0.1 40.1
51 38.3 17.8 57.8

Manual Integrations
APPROVED

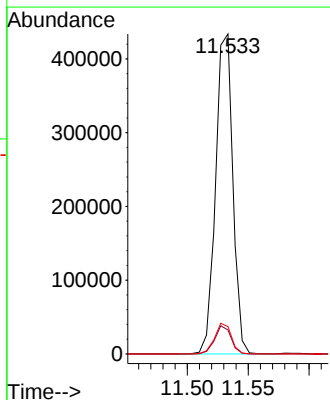
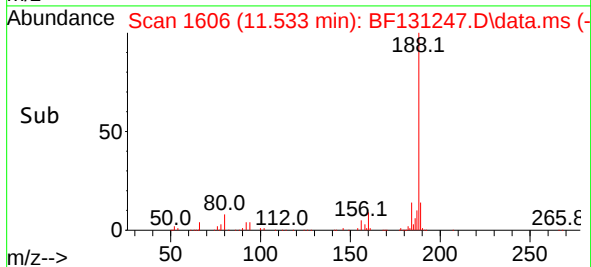
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

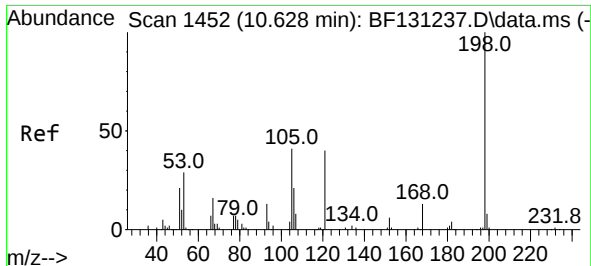


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:188 Resp: 428207
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 8.5 8.0 12.0





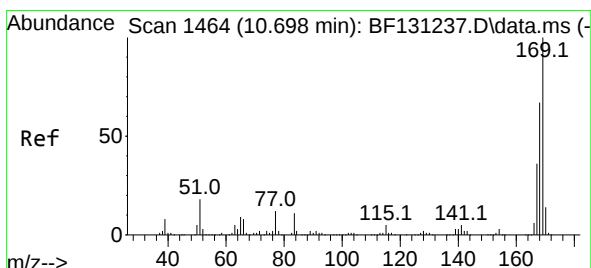
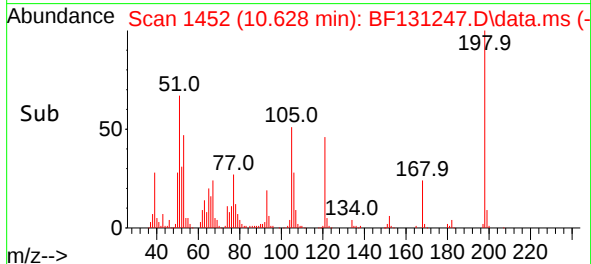
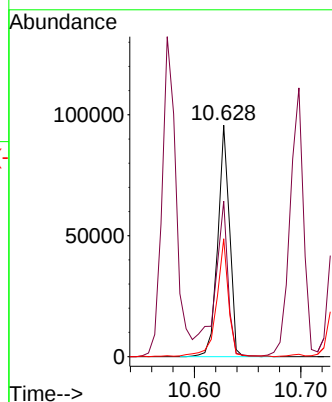
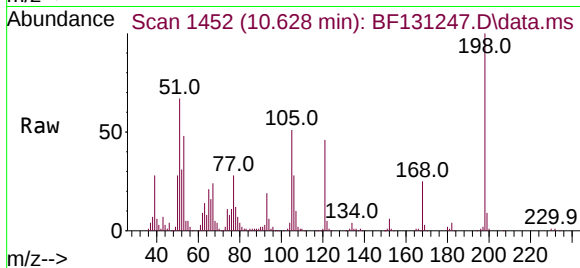
#65
4,6-Dinitro-2-methylphenol
Concen: 39.688 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :
BNA_F
ClientSampleId :
PB148951BS

Tgt Ion:198 Resp: 73243
Ion Ratio Lower Upper
198 100
51 67.2 29.4 69.4
105 50.9 22.2 62.2

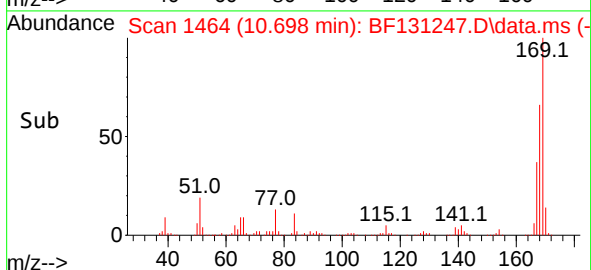
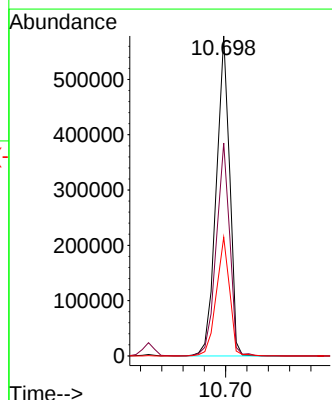
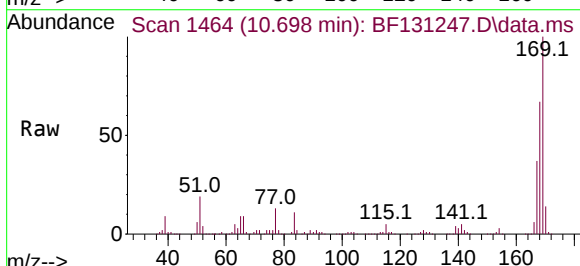
Manual Integrations
APPROVED

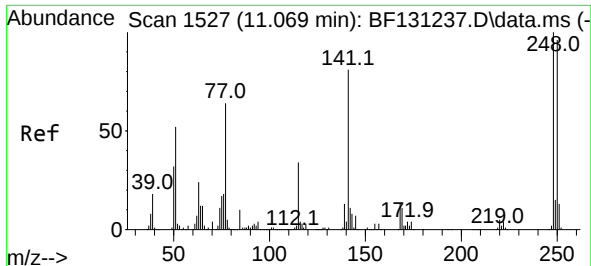
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 37.081 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

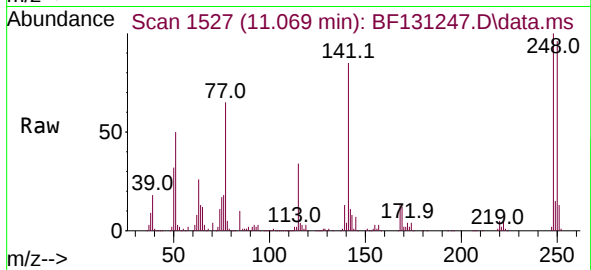
Tgt Ion:169 Resp: 504468
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 37.1 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 38.079 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

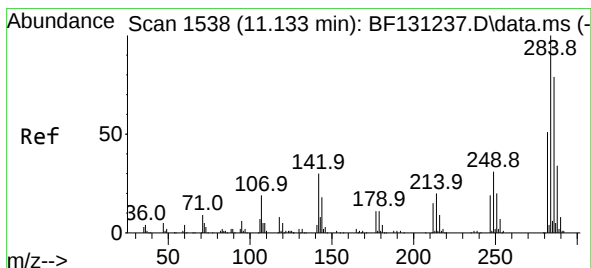
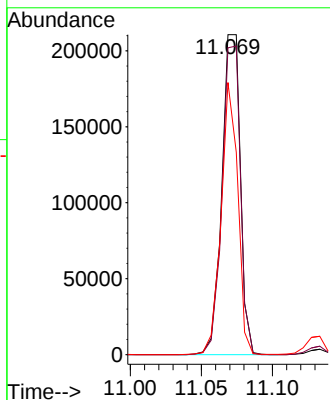
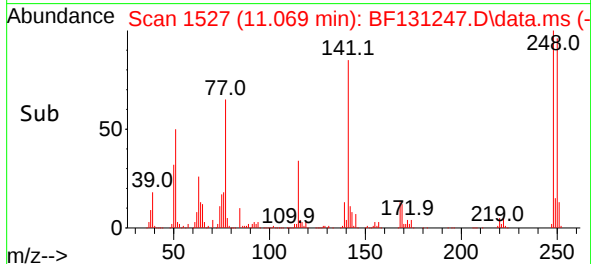
Instrument :
BNA_F
ClientSampleId :
PB148951BS



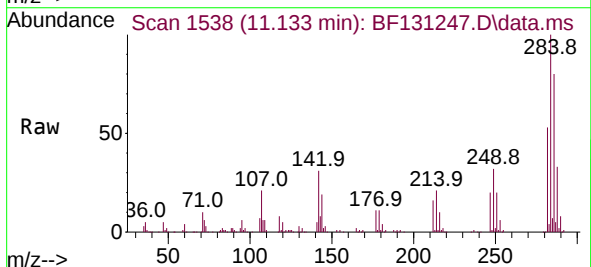
Tgt Ion:248 Resp: 191450
Ion Ratio Lower Upper
248 100
250 95.9 76.6 114.8
141 85.0 64.7 97.1

Manual Integrations
APPROVED

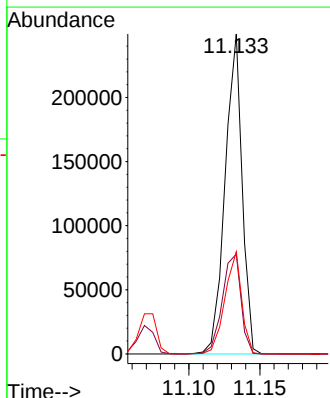
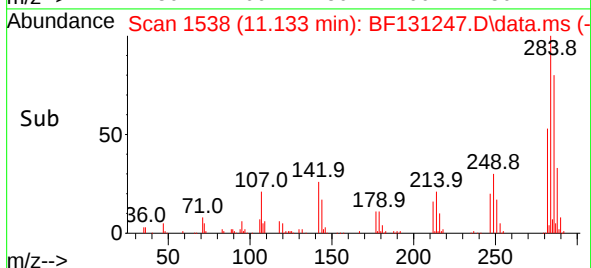
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

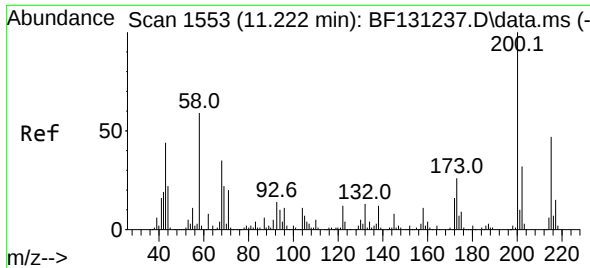


#68
Hexachlorobenzene
Concen: 38.109 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:284 Resp: 207647
Ion Ratio Lower Upper
284 100
142 31.2 24.3 36.5
249 31.9 24.8 37.2





#69
 Atrazine
 Concen: 41.768 ng
 RT: 11.227 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

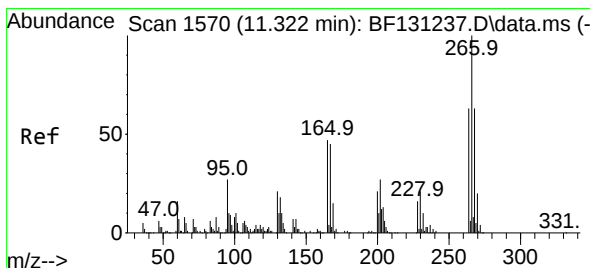
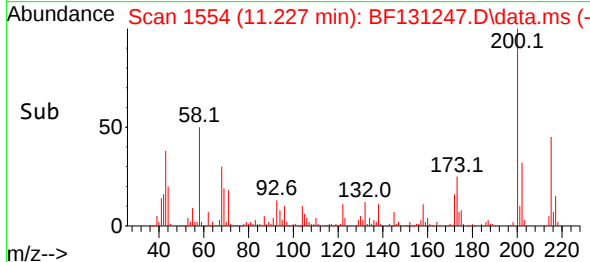
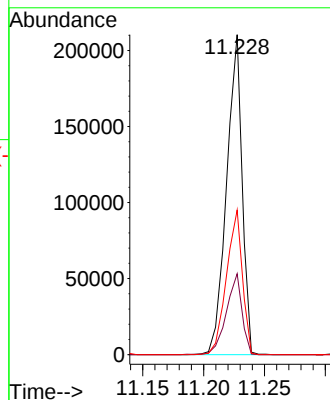
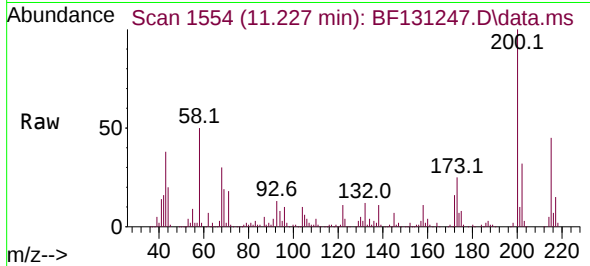
PB148951BS

Tgt Ion:200 Resp: 186258
 Ion Ratio Lower Upper
 200 100
 173 25.3 6.4 46.4
 215 45.2 26.5 66.5

Manual Integrations

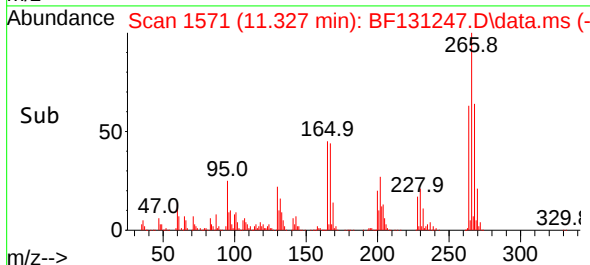
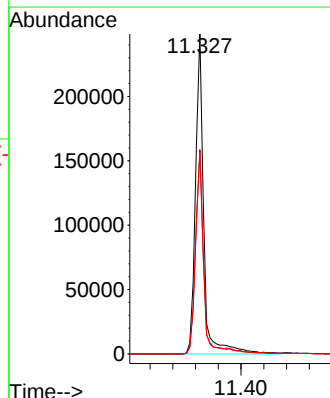
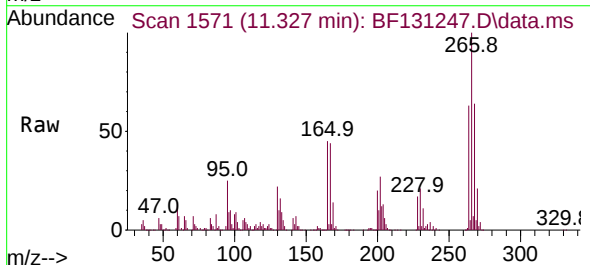
APPROVED

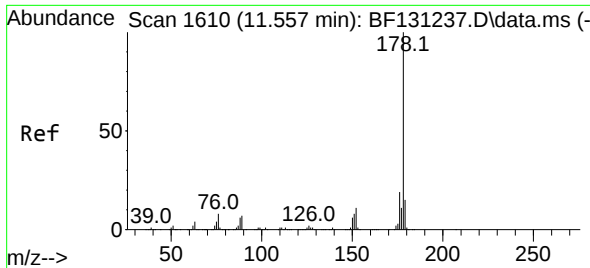
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022



#70
 Pentachlorophenol
 Concen: 78.482 ng
 RT: 11.327 min Scan# 1571
 Delta R.T. 0.006 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

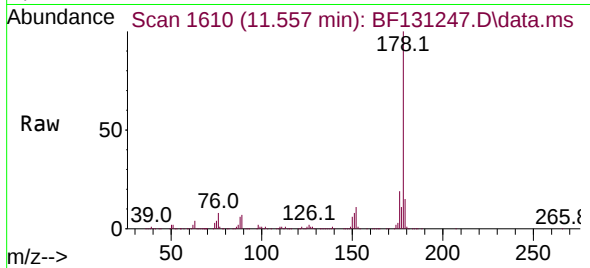
Tgt Ion:266 Resp: 249595
 Ion Ratio Lower Upper
 266 100
 268 63.8 50.5 75.7
 264 63.4 50.4 75.6





#71
Phenanthrene
Concen: 36.653 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

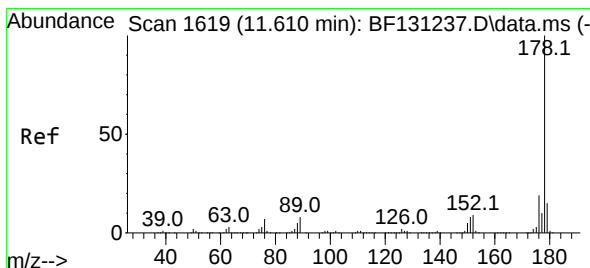
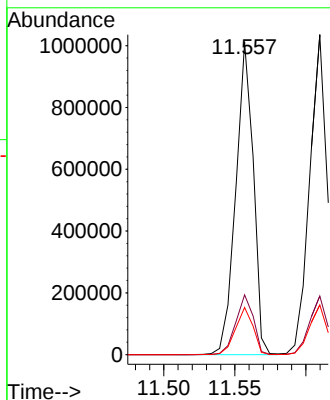
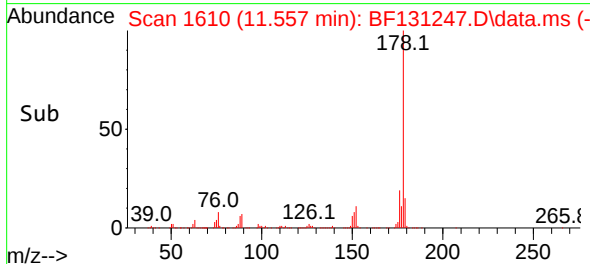
Instrument :
BNA_F
ClientSampleId :
PB148951BS



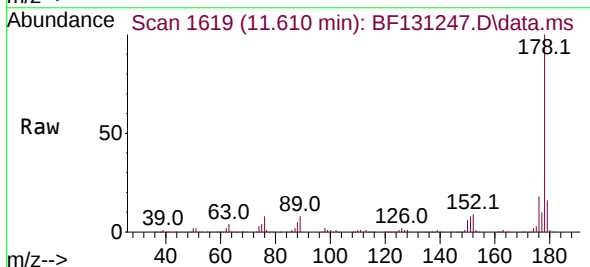
Tgt Ion:178 Resp: 866194
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.1 12.1 18.1

Manual Integrations
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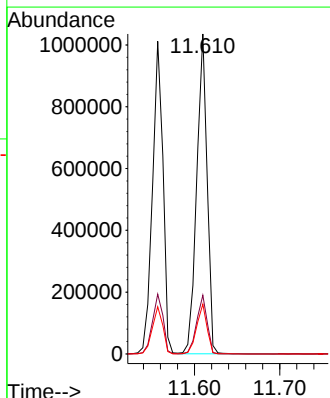
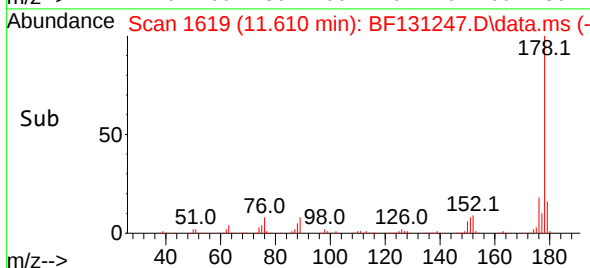
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

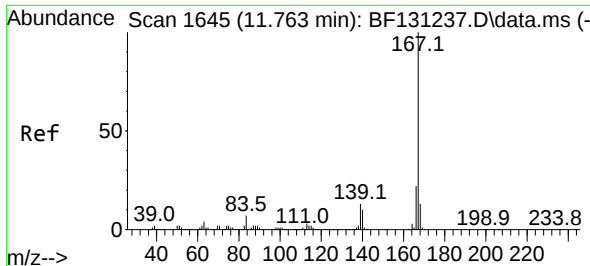


#72
Anthracene
Concen: 38.072 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



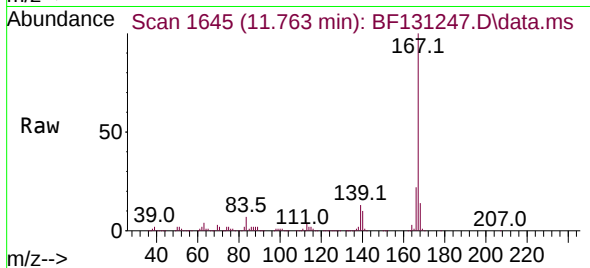
Tgt Ion:178 Resp: 878914
Ion Ratio Lower Upper
178 100
176 18.3 15.2 22.8
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 38.080 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

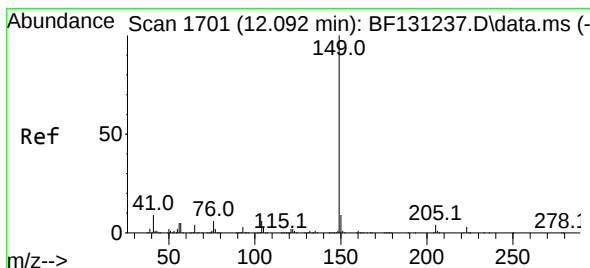
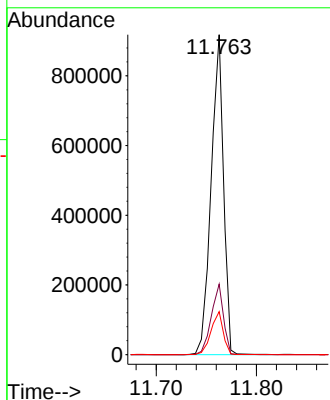
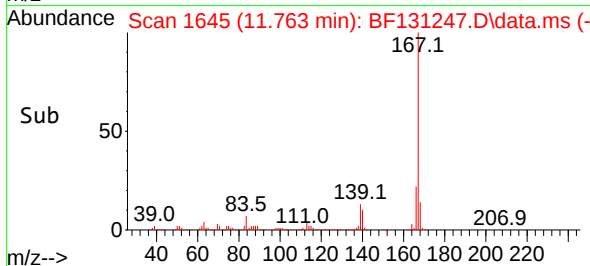
Instrument :
 BNA_F
 ClientSampleId :
 PB148951BS



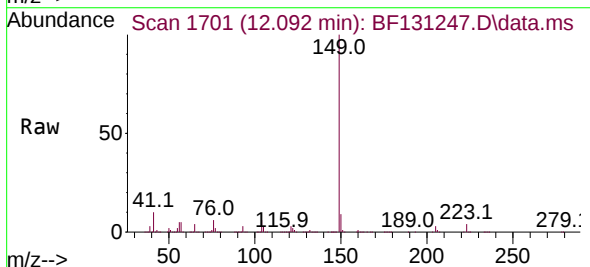
Tgt Ion:167 Resp: 786902
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations
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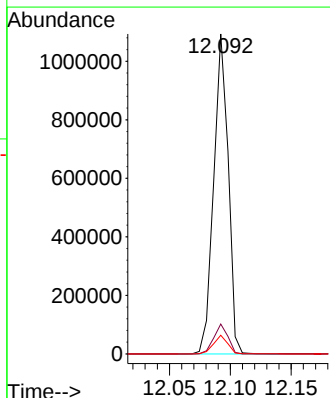
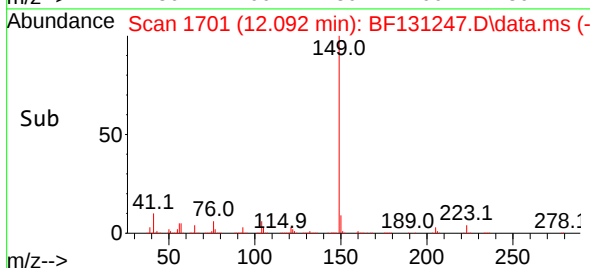
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

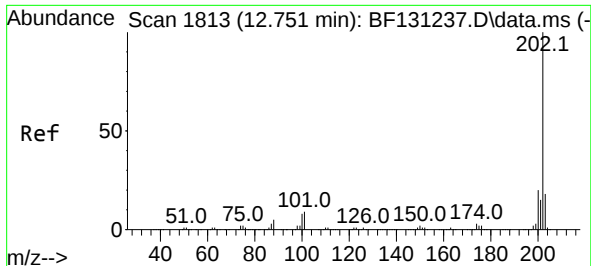


#74
 Di-n-butylphthalate
 Concen: 37.690 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14



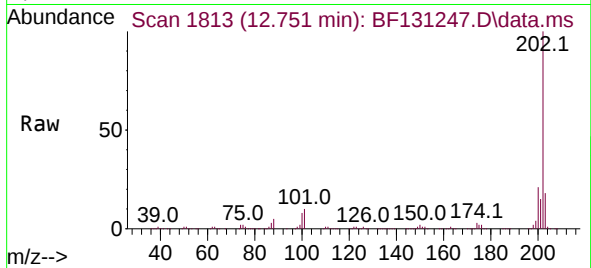
Tgt Ion:149 Resp: 906413
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.8 4.5 6.7





#75
Fluoranthene
Concen: 37.385 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

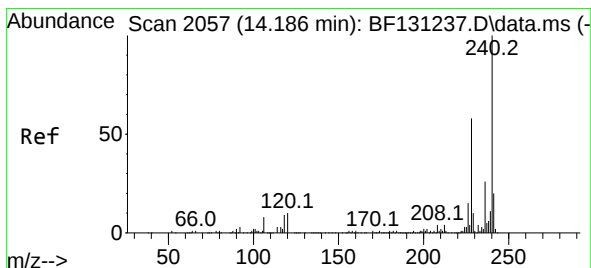
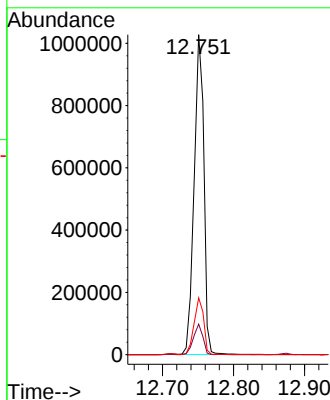
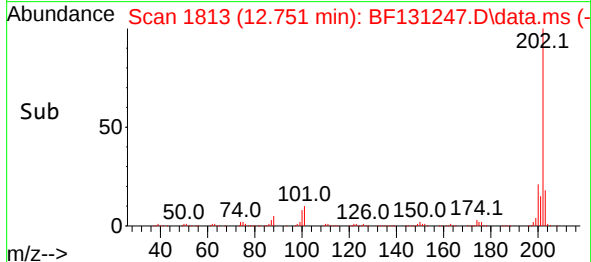
Instrument :
BNA_F
ClientSampleId :
PB148951BS



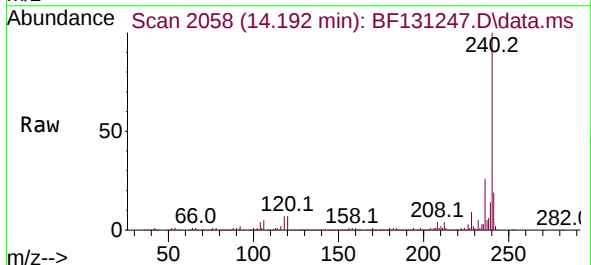
Tgt Ion:202 Resp: 974355
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 17.7 0.0 37.7

Manual Integrations
APPROVED

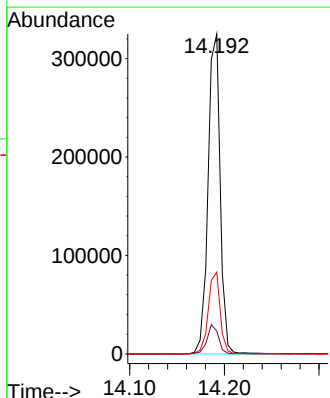
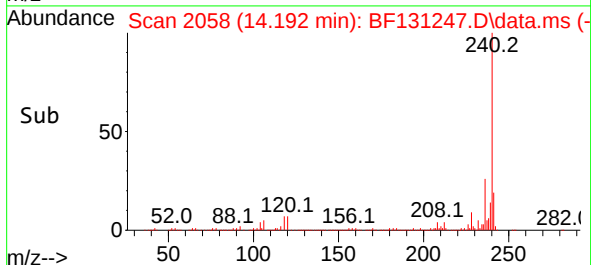
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

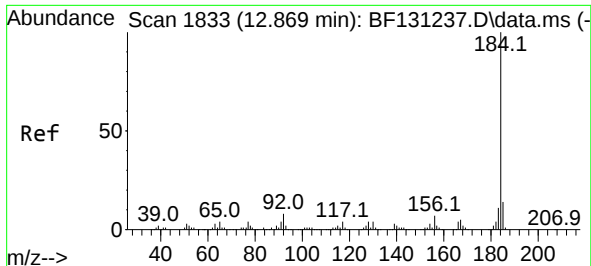


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



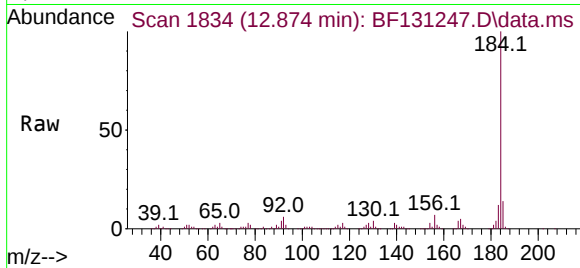
Tgt Ion:240 Resp: 290488
Ion Ratio Lower Upper
240 100
120 7.2 7.8 11.6#
236 25.6 20.6 31.0





#77
Benzidine
Concen: 66.770 ng
RT: 12.874 min Scan# 1833
Delta R.T. 0.005 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

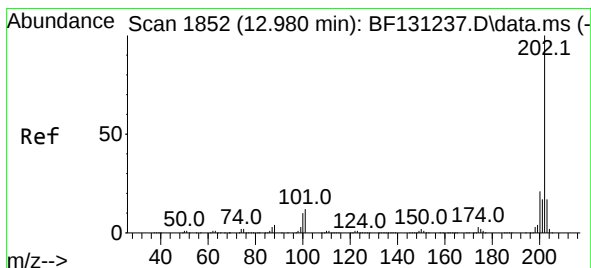
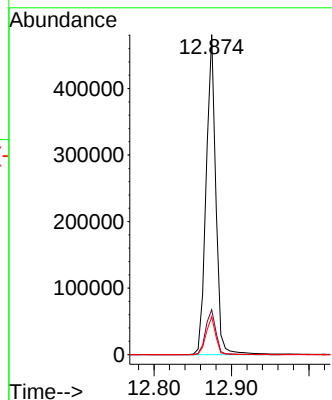
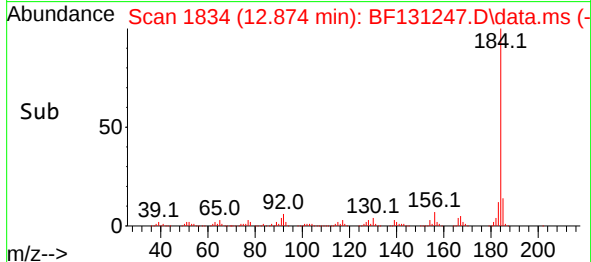
Instrument :
BNA_F
ClientSampleId :
PB148951BS



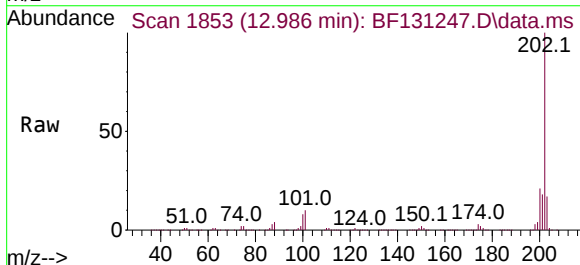
Tgt Ion:184 Resp: 415647
Ion Ratio Lower Upper
184 100
185 14.0 11.4 17.2
183 11.8 9.0 13.4

Manual Integrations
APPROVED

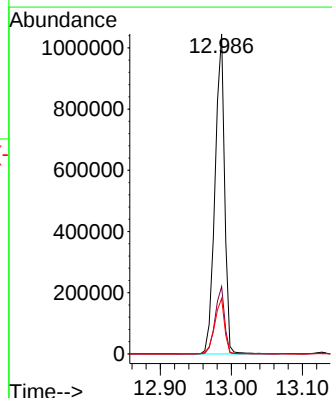
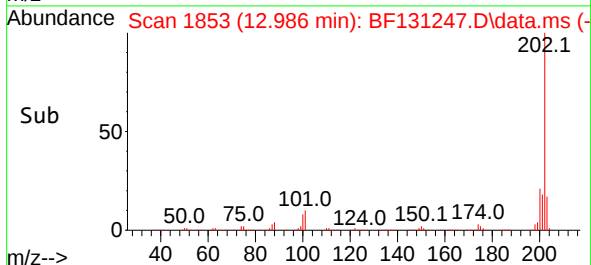
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

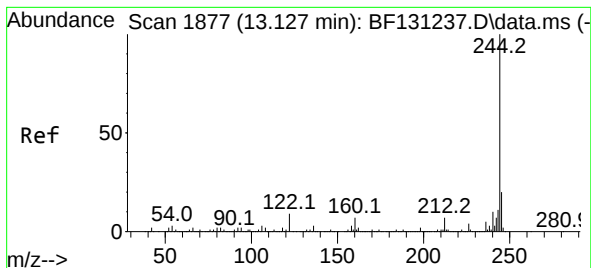


#78
Pyrene
Concen: 39.082 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



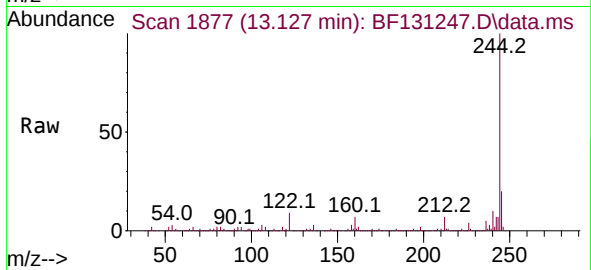
Tgt Ion:202 Resp: 978639
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.3 14.0 21.0





#79
 Terphenyl-d14
 Concen: 80.941 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14

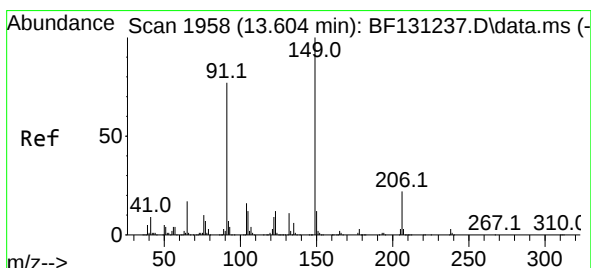
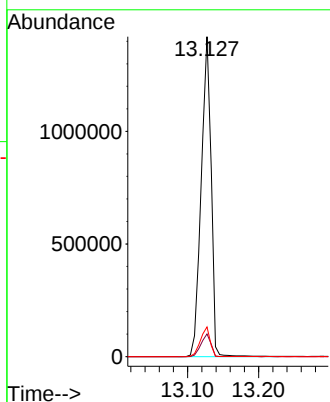
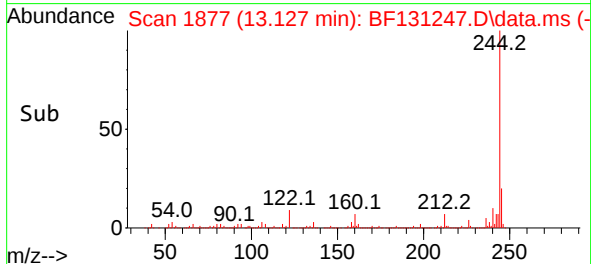
Instrument :
 BNA_F
 ClientSampleId :
 PB148951BS



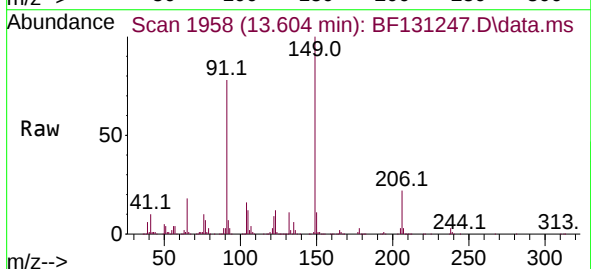
Tgt Ion:244 Resp: 1369176
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.3 7.4 11.2

Manual Integrations
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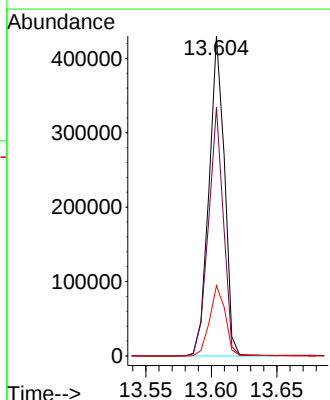
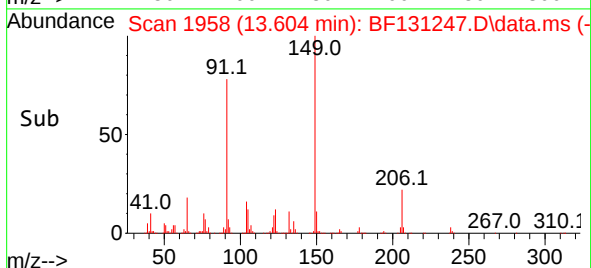
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

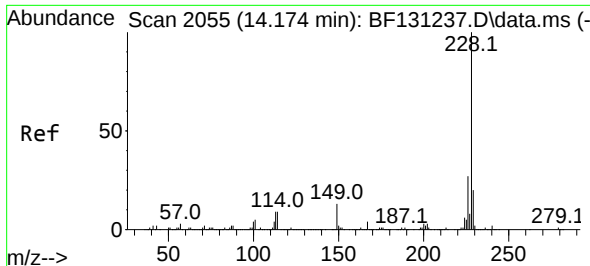


#80
 Butylbenzylphthalate
 Concen: 41.579 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BF131247.D
 Acq: 15 Nov 2022 23:14



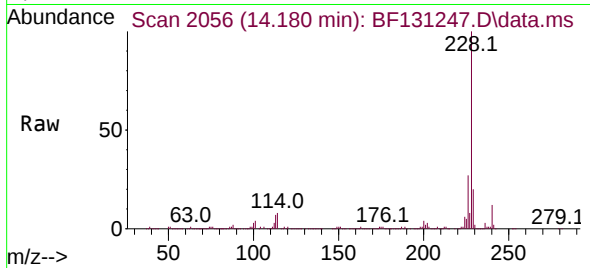
Tgt Ion:149 Resp: 352849
 Ion Ratio Lower Upper
 149 100
 91 77.7 61.5 92.3
 206 21.9 17.4 26.2





#81
Benzo(a)anthracene
Concen: 37.146 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

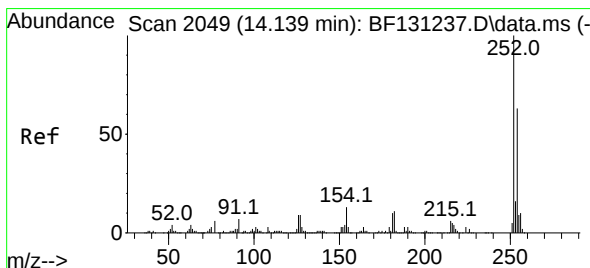
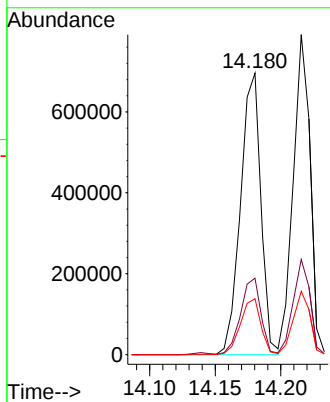
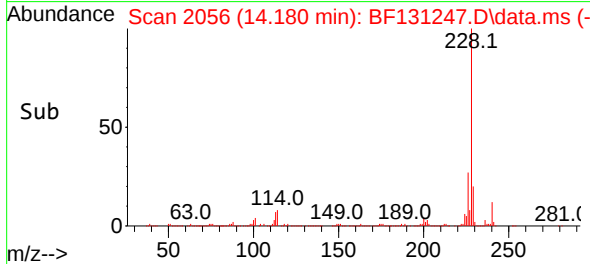
Instrument :
BNA_F
ClientSampleId :
PB148951BS



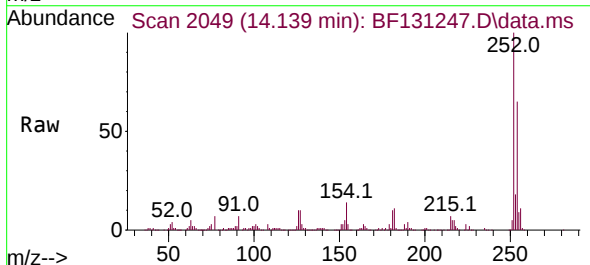
Tgt Ion:228 Resp: 749926
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.9 15.8 23.6

Manual Integrations
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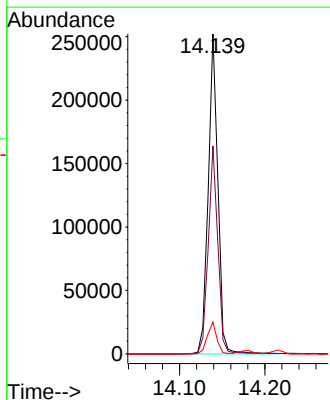
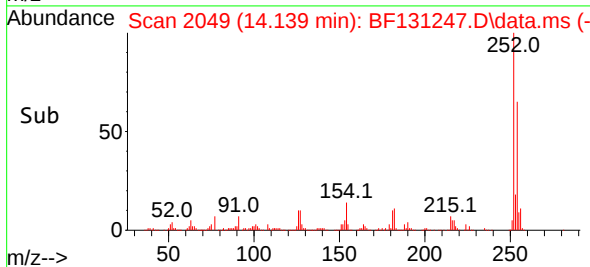
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

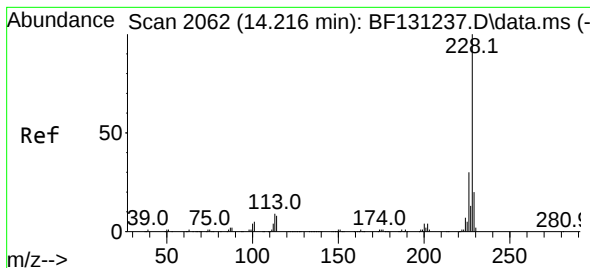


#82
3,3'-Dichlorobenzidine
Concen: 33.709 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:252 Resp: 199128
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.4
126 9.9 7.4 11.2





#83

Chrysene

Concen: 36.426 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF131247.D

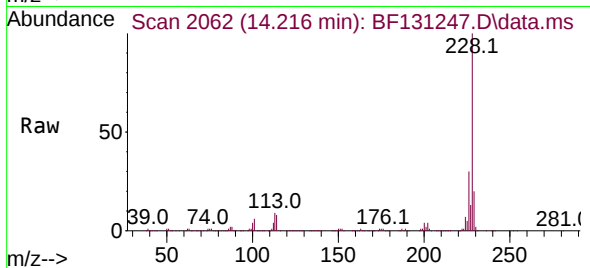
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS



Tgt Ion:228 Resp: 716408

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

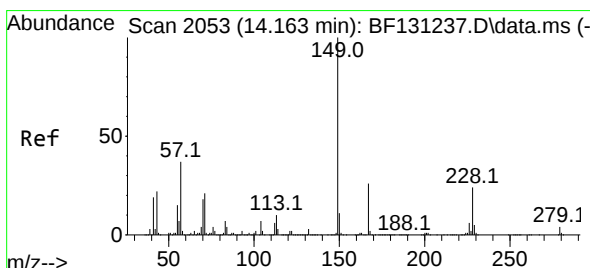
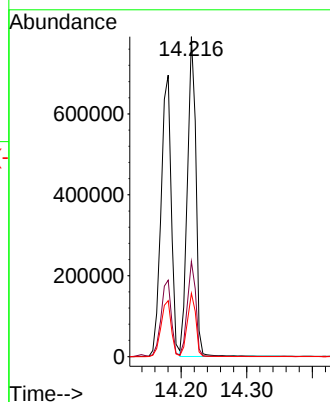
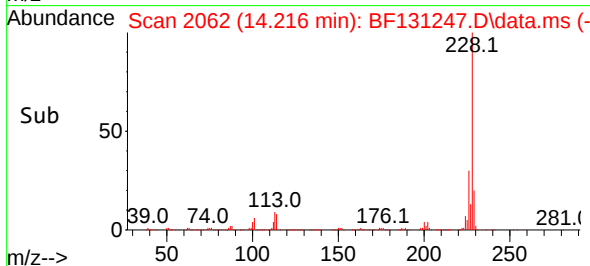
229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.126 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BF131247.D

Acq: 15 Nov 2022 23:14

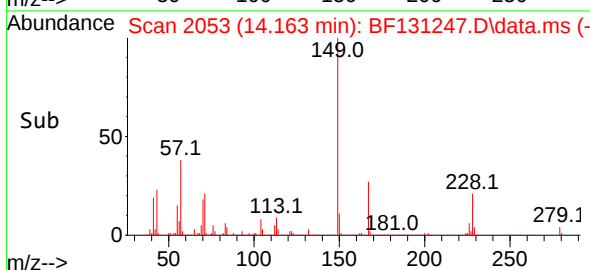
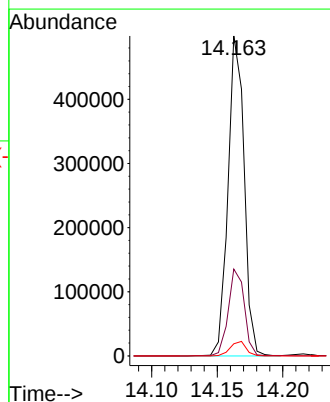
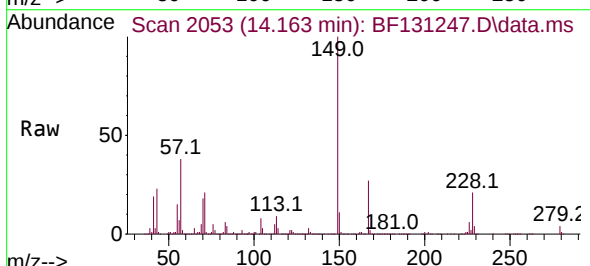
Tgt Ion:149 Resp: 428263

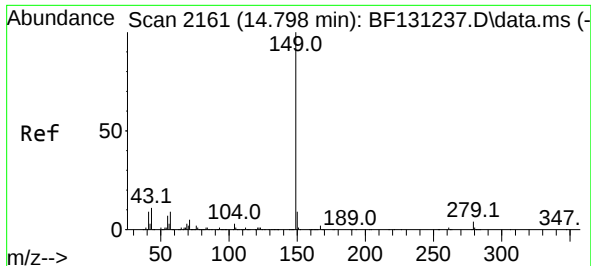
Ion Ratio Lower Upper

149 100

167 27.1 20.9 31.3

279 3.8 3.1 4.7





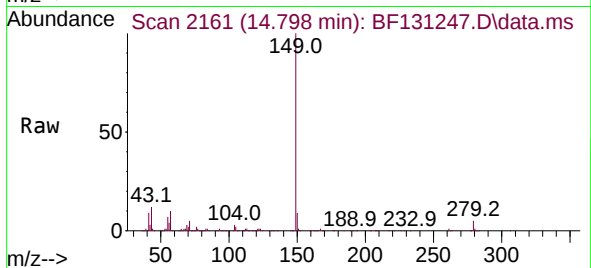
#85
Di-n-octyl phthalate
Concen: 38.518 ng
RT: 14.798 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

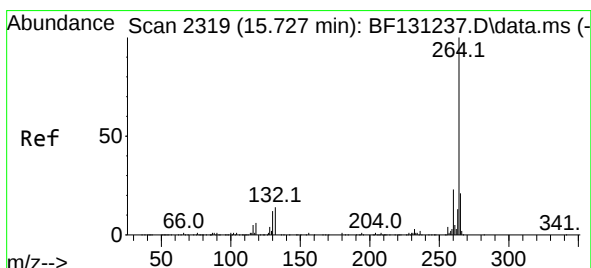
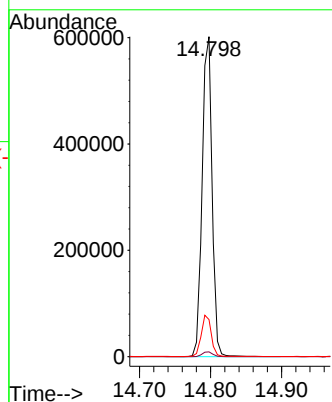
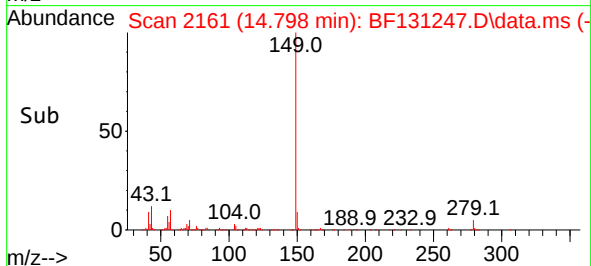


Tgt Ion:149 Resp: 580940
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.1 10.1 15.1

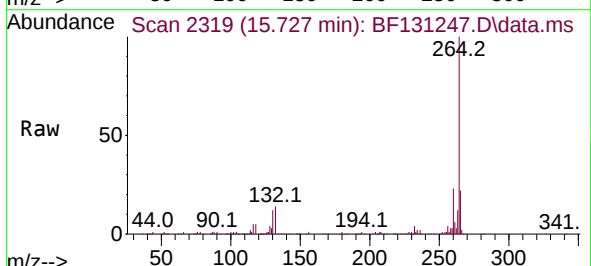
Manual Integrations

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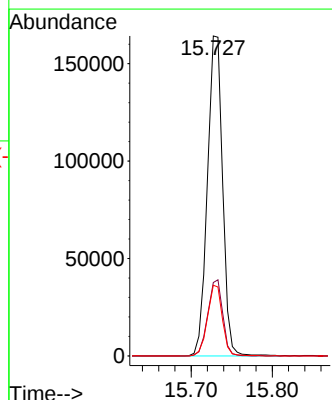
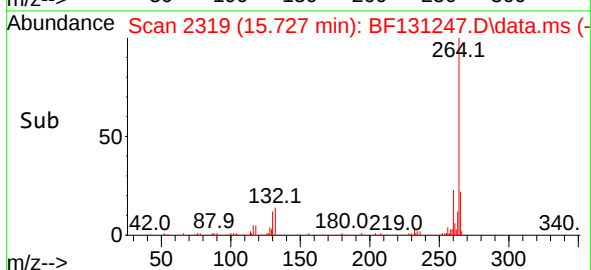
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

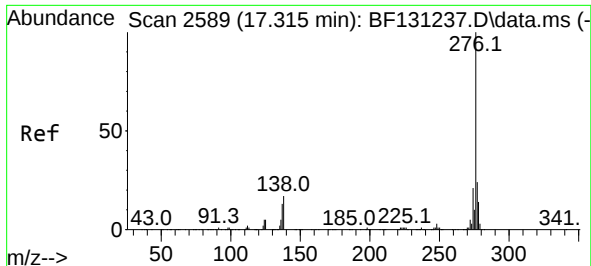


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion:264 Resp: 214340
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 22.1 16.6 24.8





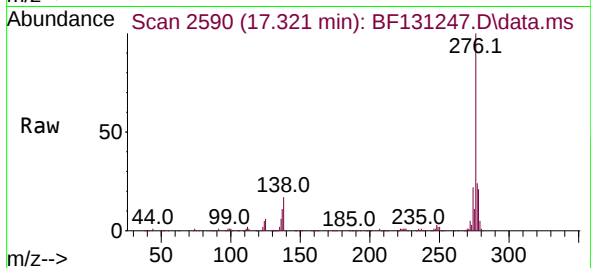
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.572 ng
RT: 17.321 min Scan# 2589
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

Instrument :

BNA_F

ClientSampleId :

PB148951BS

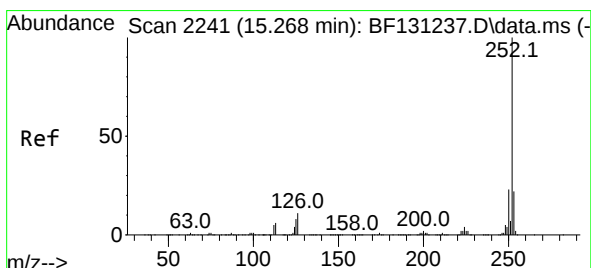
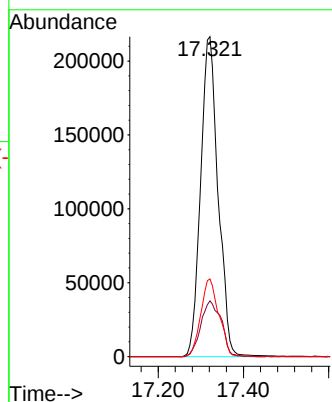
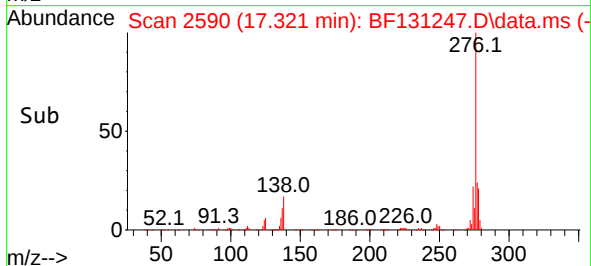


Tgt Ion:276 Resp: 616975
Ion Ratio Lower Upper
276 100
138 20.3 16.6 24.8
277 25.2 20.2 30.2

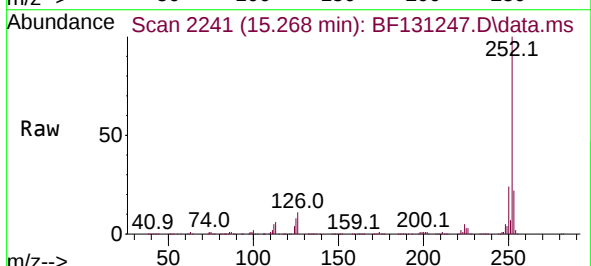
Manual Integrations

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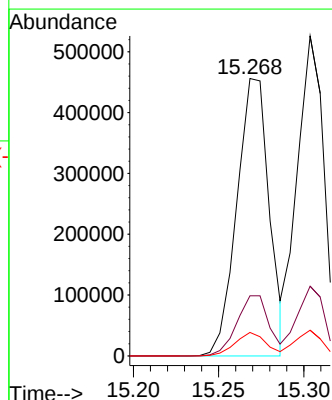
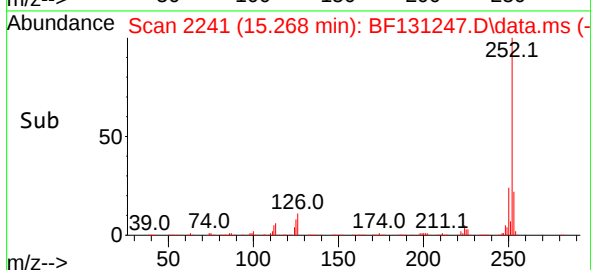
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

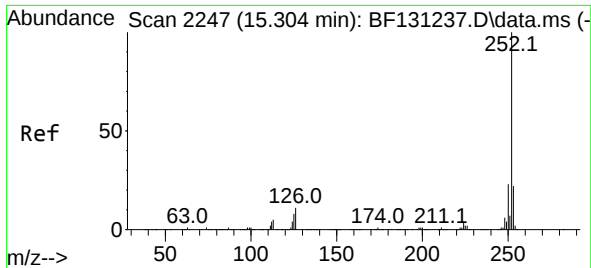


#88
Benzo(b)fluoranthene
Concen: 40.281 ng
RT: 15.268 min Scan# 2241
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



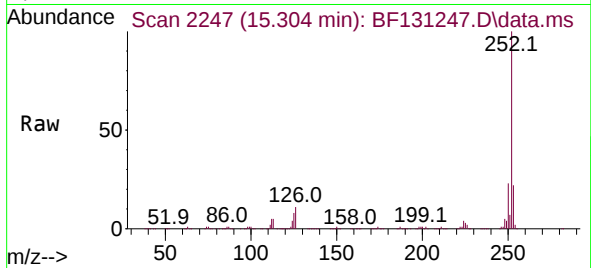
Tgt Ion:252 Resp: 602800
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.4 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 38.906 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

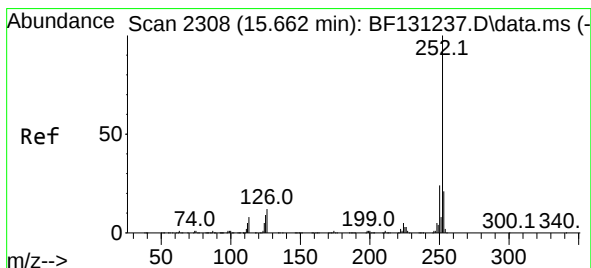
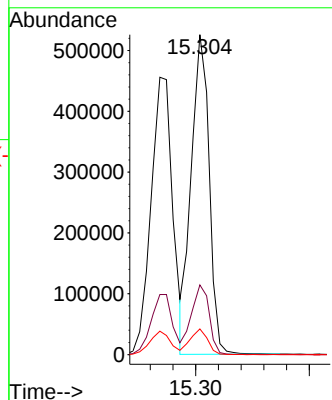
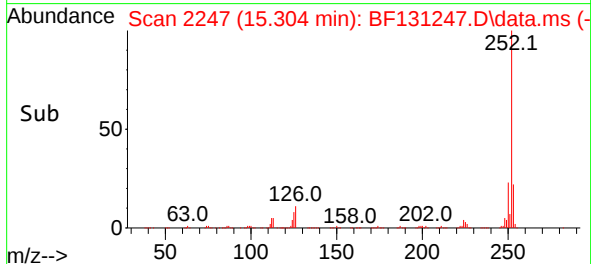
Instrument :
BNA_F
ClientSampleId :
PB148951BS



Tgt Ion:252 Resp: 57718
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.0 6.6 9.8

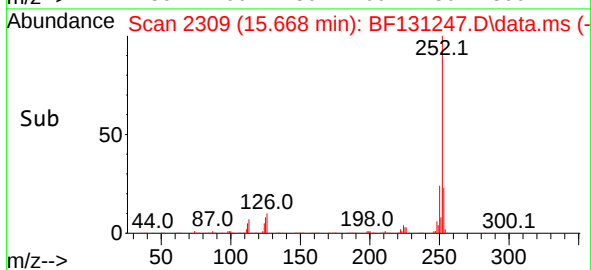
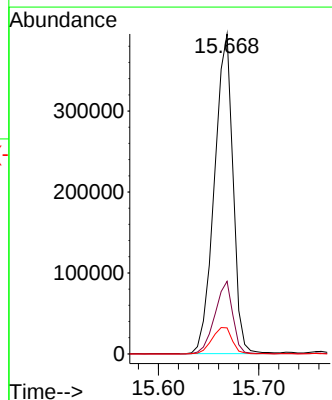
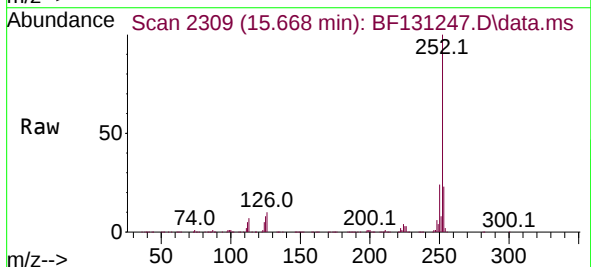
Manual Integrations
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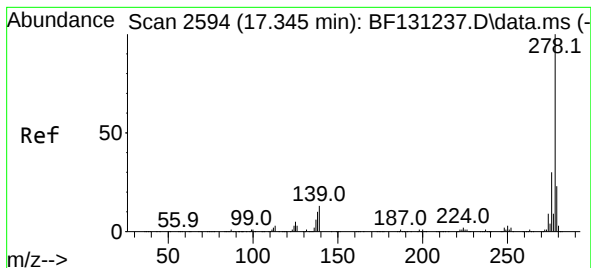
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#90
Benzo(a)pyrene
Concen: 42.562 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

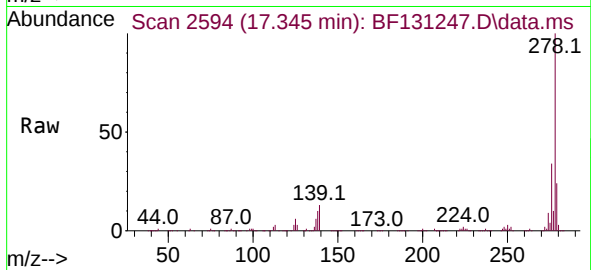
Tgt Ion:252 Resp: 509151
Ion Ratio Lower Upper
252 100
253 22.7 16.9 25.3
125 8.1 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 44.879 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14

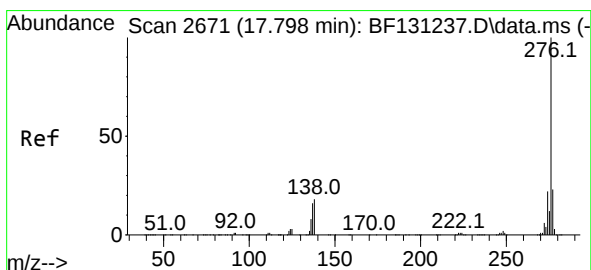
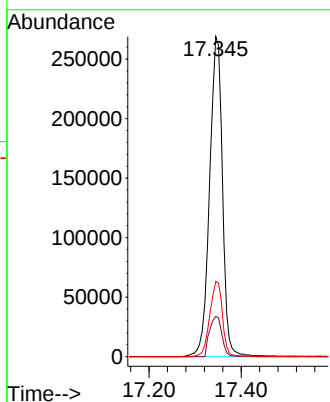
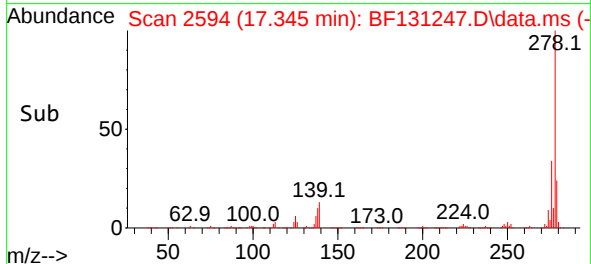
Instrument :
BNA_F
ClientSampleId :
PB148951BS



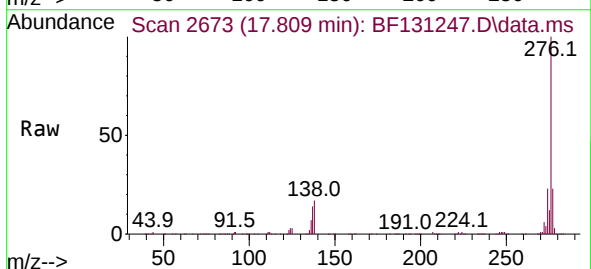
Tgt Ion: 278 Resp: 521379
Ion Ratio Lower Upper
278 100
139 12.5 10.1 15.1
279 23.5 18.2 27.4

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 11/16/2022
Supervised By : Jagrut Upadhyay 11/16/2022



#92
Benzo(g,h,i)perylene
Concen: 40.792 ng
RT: 17.809 min Scan# 2673
Delta R.T. 0.011 min
Lab File: BF131247.D
Acq: 15 Nov 2022 23:14



Tgt Ion: 276 Resp: 522738
Ion Ratio Lower Upper
276 100
277 23.0 18.6 27.8
138 17.4 14.5 21.7

