

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131248.D
 Acq On : 15 Nov 2022 23:44
 Operator : CG\JU
 Sample : PB148960BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148960BS

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 07:05:33 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	105384	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	375834	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	214627	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	394794	20.000	ng	0.00
76) Chrysene-d12	14.186	240	268817	20.000	ng	0.00
86) Perylene-d12	15.727	264	206638	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	529230	88.926	ng	0.02
7) Phenol-d6	6.593	99	665947	88.347	ng	0.00
23) Nitrobenzene-d5	7.545	82	642620	95.974	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	189429	92.398	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1186302	80.886	ng	0.00
79) Terphenyl-d14	13.127	244	1441066	92.059	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.881	88	94973	34.832	ng	99
3) Pyridine	3.628	79	259152	33.627	ng	98
4) n-Nitrosodimethylamine	3.604	42	190691	42.451	ng	98
6) Aniline	6.640	93	352225m	37.253	ng	
8) 2-Chlorophenol	6.757	128	287979	43.046	ng	97
9) Benzaldehyde	6.528	77	182403	33.359	ng	97
10) Phenol	6.604	94	355252	42.129	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	277041	41.960	ng	100
12) 1,3-Dichlorobenzene	6.916	146	307061	40.571	ng	99
13) 1,4-Dichlorobenzene	6.993	146	308384	40.289	ng	99
14) 1,2-Dichlorobenzene	7.145	146	296978	41.978	ng	99
15) Benzyl Alcohol	7.116	79	268316m	40.980	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	519983	41.812	ng	99
17) 2-Methylphenol	7.222	107	239090	41.862	ng	99
18) Hexachloroethane	7.492	117	116731	41.950	ng	96
19) n-Nitroso-di-n-propyla...	7.392	70	214594	40.856	ng	98
20) 3+4-Methylphenols	7.375	107	298117	40.353	ng	91
22) Acetophenone	7.387	105	409761	41.826	ng	99
24) Nitrobenzene	7.563	77	327506	45.308	ng	98
25) Isophorone	7.804	82	588622	44.003	ng	100
26) 2-Nitrophenol	7.881	139	132824	46.050	ng	98
27) 2,4-Dimethylphenol	7.910	122	264112	48.237	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	338261	44.852	ng	99
29) 2,4-Dichlorophenol	8.116	162	245475	41.457	ng	97
30) 1,2,4-Trichlorobenzene	8.204	180	275888	39.741	ng	99
31) Naphthalene	8.287	128	809140	39.738	ng	98
32) Benzoic acid	8.028	122	170739	43.789	ng	98
33) 4-Chloroaniline	8.334	127	202245	25.231	ng	97
34) Hexachlorobutadiene	8.404	225	177313	40.355	ng	99
35) Caprolactam	8.710	113	77225m	44.133	ng	
36) 4-Chloro-3-methylphenol	8.810	107	265969	42.674	ng	94
37) 2-Methylnaphthalene	8.986	142	547060	40.340	ng	100
38) 1-Methylnaphthalene	9.086	142	515183	39.178	ng	98
40) 1,2,4,5-Tetrachloroben...	9.151	216	278478	40.298	ng	99
41) Hexachlorocyclopentadiene	9.134	237	366957	103.605	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	178765	39.568	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

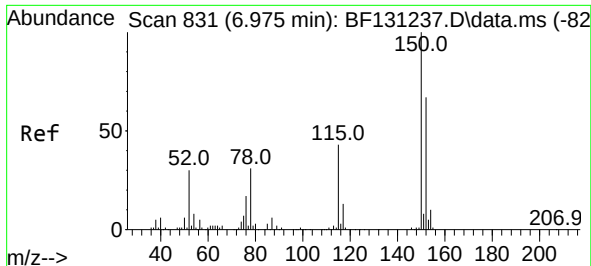
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	203287	41.930	ng	95
46) 1,1'-Biphenyl	9.451	154	671171	40.679	ng	100
47) 2-Chloronaphthalene	9.481	162	531294	39.750	ng	97
48) 2-Nitroaniline	9.569	65	185396	43.630	ng	96
49) Acenaphthylene	9.898	152	825497	40.446	ng	99
50) Dimethylphthalate	9.757	163	617211	40.160	ng	99
51) 2,6-Dinitrotoluene	9.816	165	129920	43.399	ng	93
52) Acenaphthene	10.069	154	560539	43.998	ng	98
53) 3-Nitroaniline	9.986	138	94628	30.453	ng	94
54) 2,4-Dinitrophenol	10.092	184	116514	83.780	ng	95
55) Dibenzofuran	10.245	168	727310	39.846	ng	97
56) 4-Nitrophenol	10.139	139	202507	83.745	ng	93
57) 2,4-Dinitrotoluene	10.222	165	167402	45.016	ng	92
58) Fluorene	10.586	166	565262	39.354	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	172374	41.969	ng	99
60) Diethylphthalate	10.457	149	595334	40.979	ng	98
61) 4-Chlorophenyl-phenyle...	10.581	204	287331	40.457	ng	96
62) 4-Nitroaniline	10.610	138	129277	41.065	ng	96
63) Azobenzene	10.739	77	607623	39.948	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	70355	41.014	ng	84
66) n-Nitrosodiphenylamine	10.698	169	497825	39.690	ng	99
67) 4-Bromophenyl-phenylether	11.075	248	185307	39.976	ng	90
68) Hexachlorobenzene	11.133	284	206163	41.039	ng	99
69) Atrazine	11.228	200	182049	44.279	ng	99
70) Pentachlorophenol	11.328	266	245636	83.774	ng	99
71) Phenanthrene	11.557	178	851814	39.096	ng	100
72) Anthracene	11.610	178	872485	40.992	ng	99
73) Carbazole	11.763	167	775020	40.679	ng	99
74) Di-n-butylphthalate	12.092	149	898772	40.535	ng	99
75) Fluoranthene	12.751	202	954518	39.723	ng	100
77) Benzidine	12.874	184	393051	68.230	ng	100
78) Pyrene	12.986	202	963760	41.591	ng	99
80) Butylbenzylphthalate	13.604	149	361674	46.054	ng	97
81) Benzo(a)anthracene	14.174	228	757764	40.561	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	187253	34.254	ng	98
83) Chrysene	14.216	228	714979	39.285	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	437009	44.246	ng	100
85) Di-n-octyl phthalate	14.792	149	620212	44.437	ng	100
87) Indeno(1,2,3-cd)pyrene	17.321	276	608054	44.542	ng	99
88) Benzo(b)fluoranthene	15.274	252	609242	42.229	ng	99
89) Benzo(k)fluoranthene	15.304	252	592587	41.433	ng	100
90) Benzo(a)pyrene	15.668	252	513285	44.507	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	514074	45.900	ng	99
92) Benzo(g,h,i)perylene	17.804	276	511727	41.368	ng	99

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

Manual Integrations APPROVED

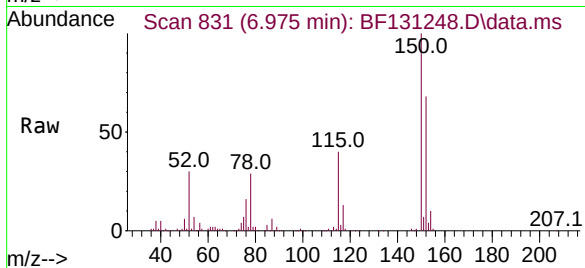
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.975 min Scan# 831
 Delta R.T. -0.000 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44

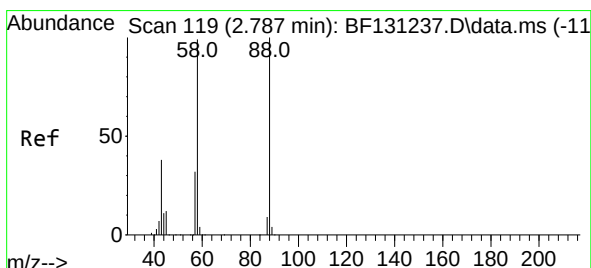
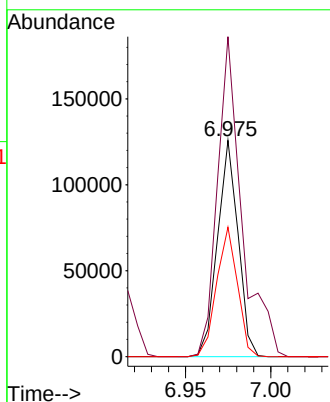
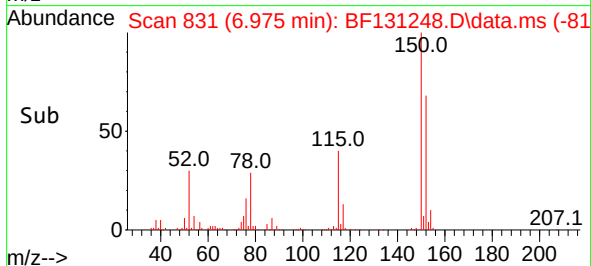
Instrument :
 BNA_F
 ClientSampleId :
 PB148960BS



Tgt Ion:152 Resp: 105384
 Ion Ratio Lower Upper
 152 100
 150 148.0 120.2 180.4
 115 59.9 51.8 77.8

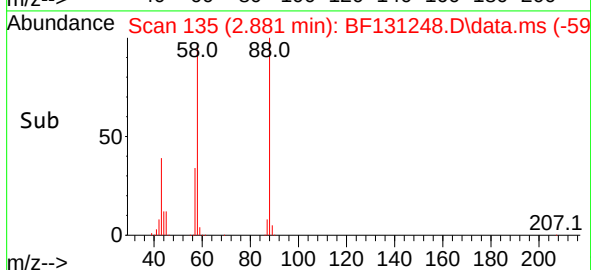
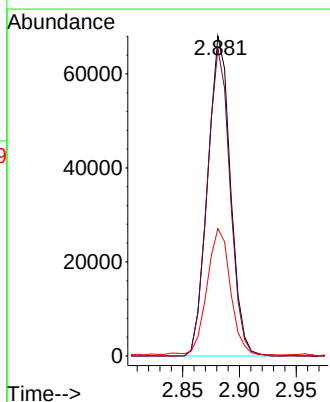
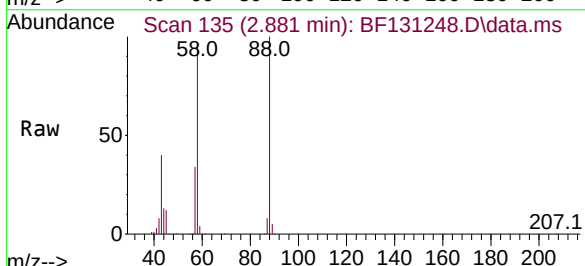
Manual Integrations
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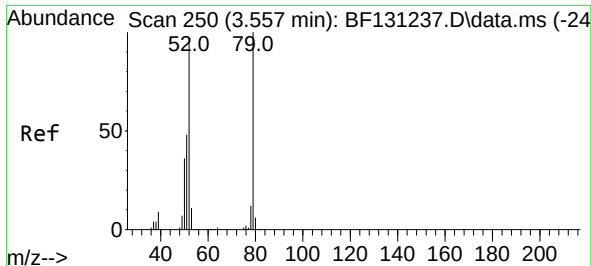
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022



#2
 1,4-Dioxane
 Concen: 34.832 ng
 RT: 2.881 min Scan# 135
 Delta R.T. 0.094 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44

Tgt Ion: 88 Resp: 94973
 Ion Ratio Lower Upper
 88 100
 58 96.1 77.1 115.7
 43 40.7 31.3 46.9





#3

Pyridine

Concen: 33.627 ng

RT: 3.628 min Scan# 20

Delta R.T. 0.071 min

Lab File: BF131248.D

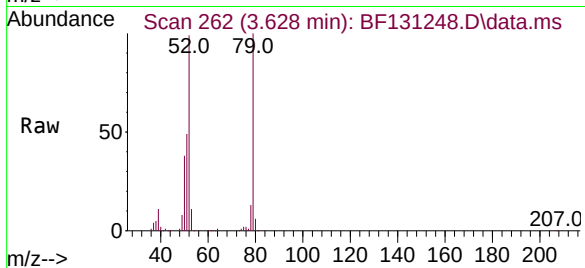
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

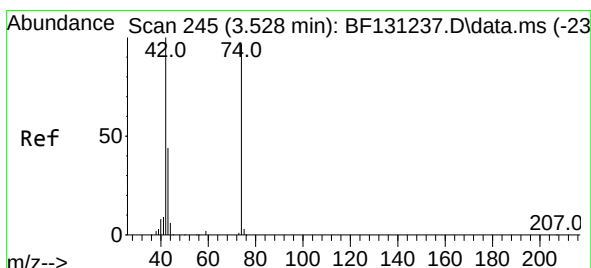
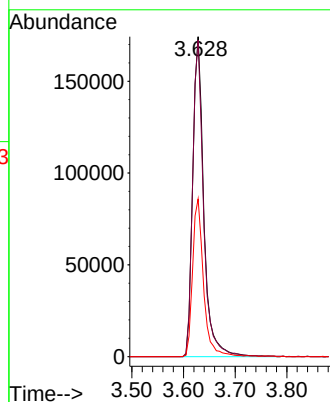
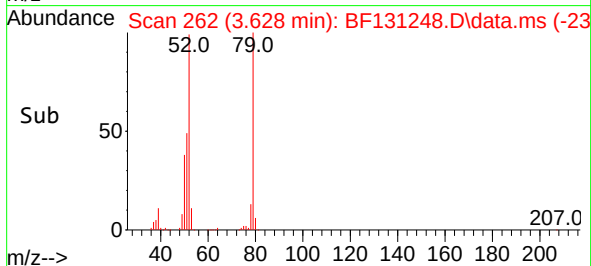


Tgt Ion:	79	Resp:	259152
Ion Ratio	Lower	Upper	
79	100		
52	98.9	77.7	116.5
51	49.3	38.7	58.1

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 42.451 ng

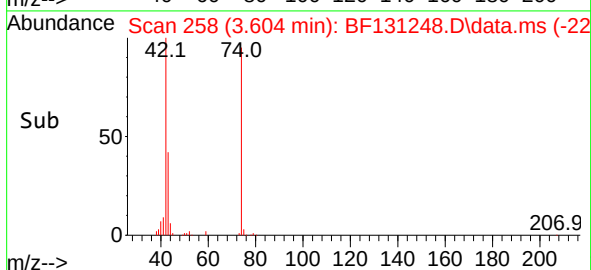
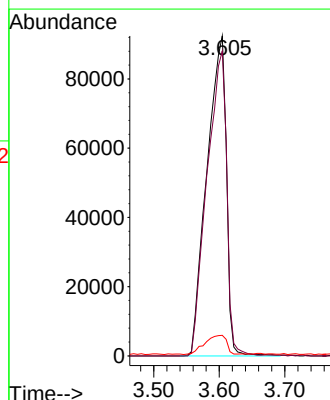
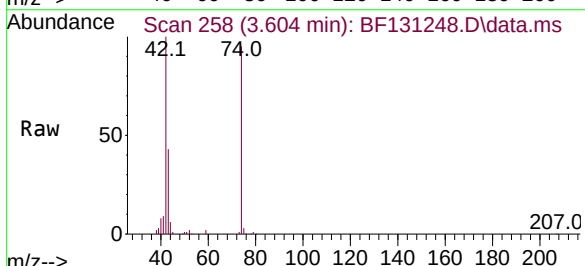
RT: 3.604 min Scan# 258

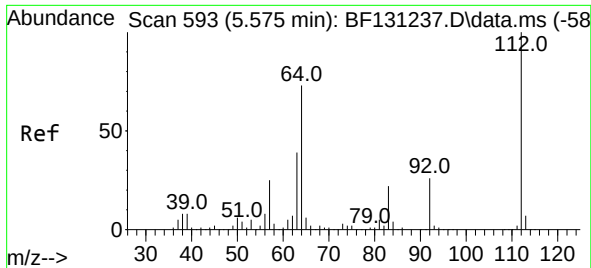
Delta R.T. 0.077 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:	42	Resp:	190691
Ion Ratio	Lower	Upper	
42	100		
74	95.3	77.8	116.6
44	6.4	5.9	8.9





#5
2-Fluorophenol
Concen: 88.926 ng
RT: 5.593 min Scan# 593
Delta R.T. 0.018 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

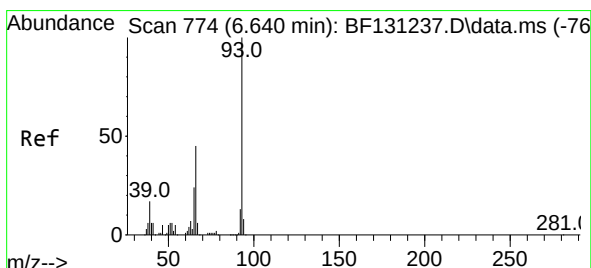
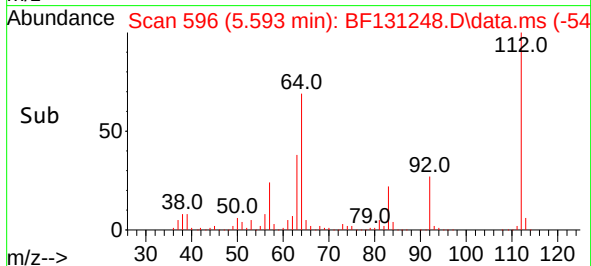
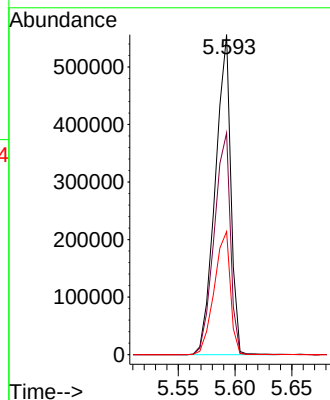
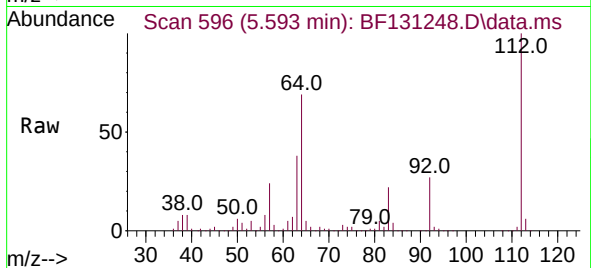
PB148960BS

Tgt Ion:112 Resp: 529236
Ion Ratio Lower Upper
112 100
64 69.3 58.4 87.6
63 38.4 31.6 47.4

Manual Integrations

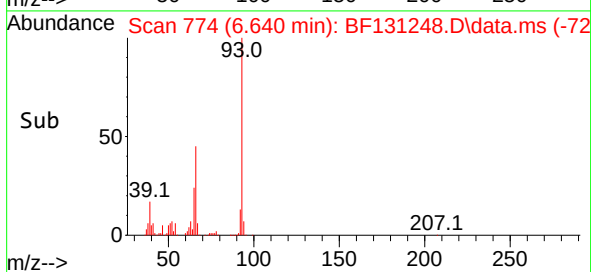
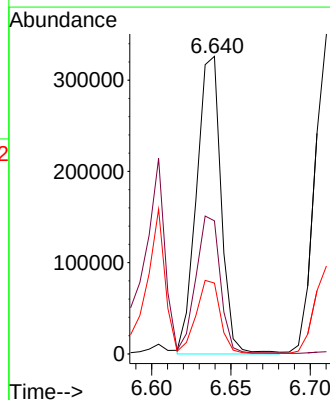
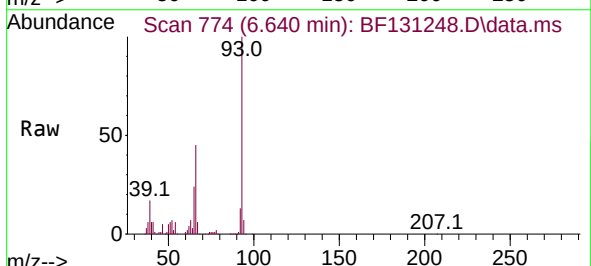
APPROVED

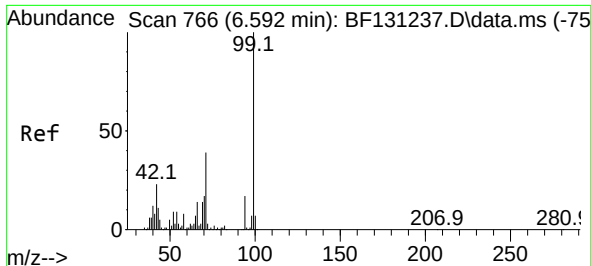
Reviewed By :Christian Giraldo 11/16/2022
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#6
Aniline
Concen: 37.253 ng m
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

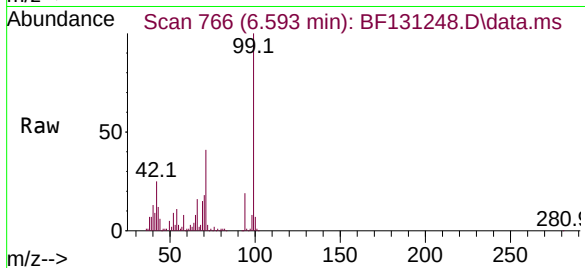
Tgt Ion: 93 Resp: 352225
Ion Ratio Lower Upper
93 100
66 44.7 36.6 55.0
65 23.8 19.3 28.9





#7
Phenol-d6
Concen: 88.347 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.001 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

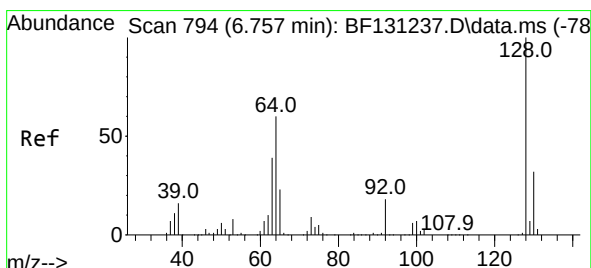
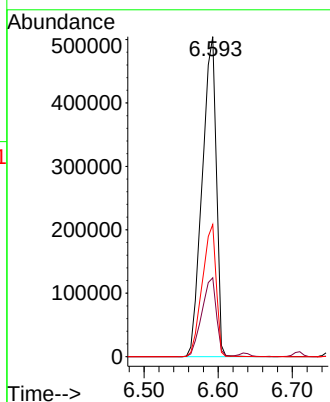
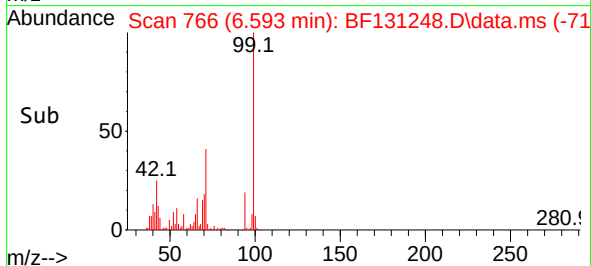
Instrument :
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Tgt Ion: 99 Resp: 665947
Ion Ratio Lower Upper
99 100
42 24.6 18.6 28.0
71 41.3 31.1 46.7

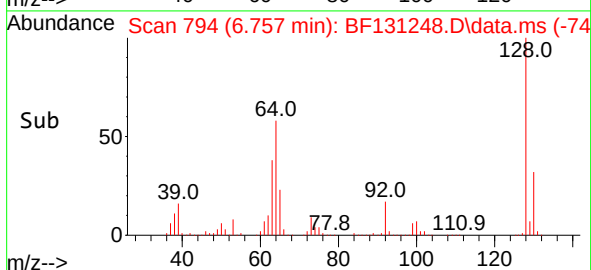
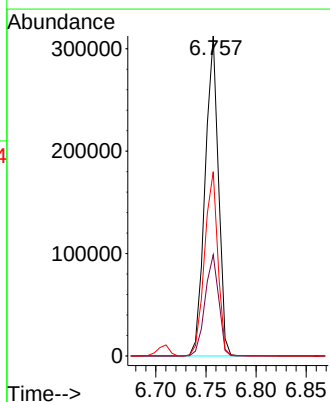
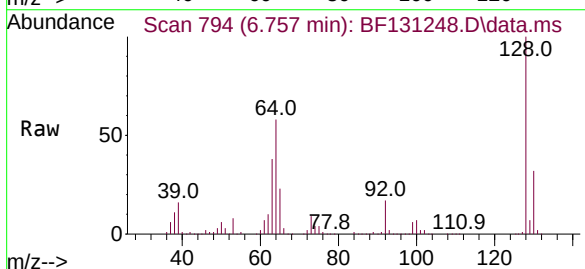
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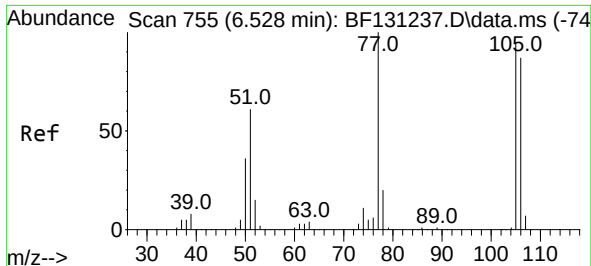
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#8
2-Chlorophenol
Concen: 43.046 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:128 Resp: 287979
Ion Ratio Lower Upper
128 100
130 31.6 12.2 52.2
64 57.6 40.1 80.1





#9
Benzaldehyde
Concen: 33.359 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

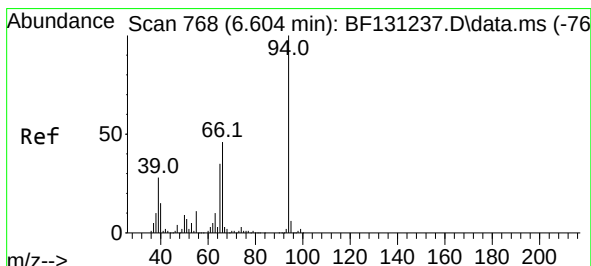
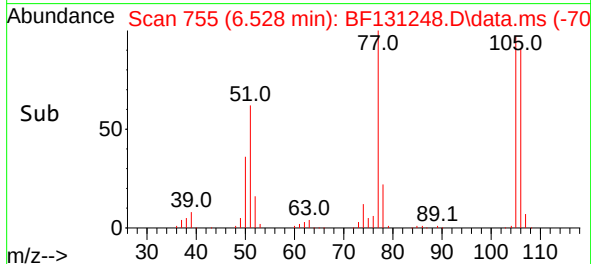
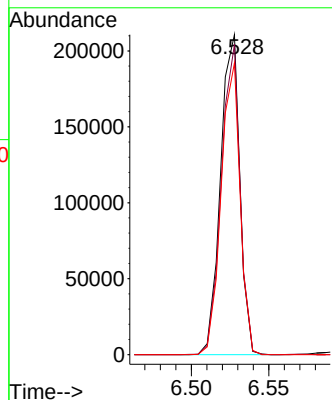
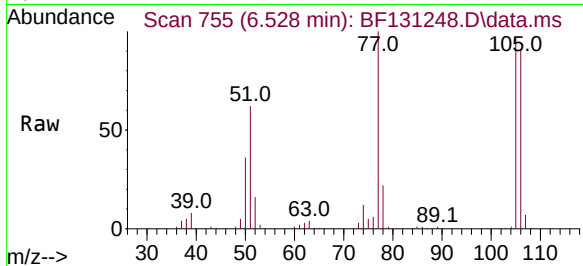
ClientSampleId :

PB148960BS

Tgt Ion: 77 Resp: 182403
Ion Ratio Lower Upper
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105 96.9 74.8 114.8
106 91.1 67.3 107.3

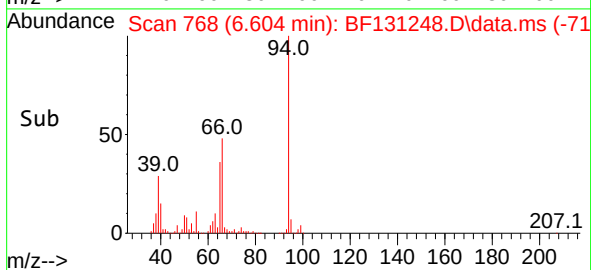
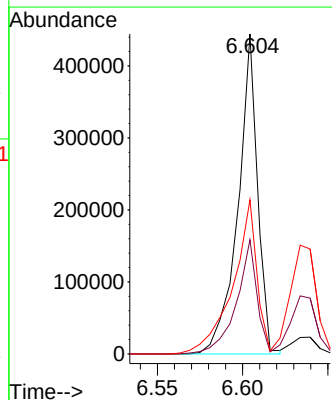
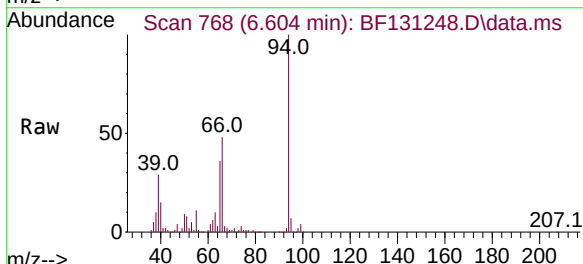
Manual Integrations
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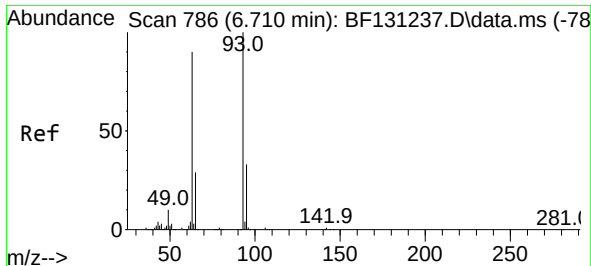
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#10
Phenol
Concen: 42.129 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion: 94 Resp: 355252
Ion Ratio Lower Upper
94 100
65 35.7 14.8 54.8
66 48.2 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 41.960 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF131248.D

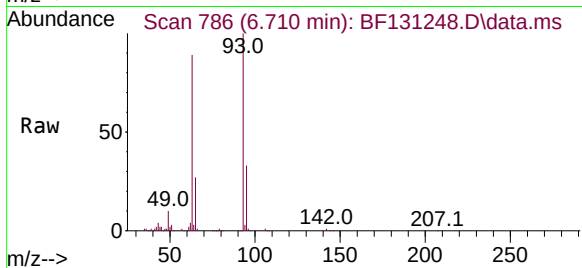
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS



Tgt Ion: 93 Resp: 277041

Ion Ratio Lower Upper

93 100

63 89.3 69.8 109.8

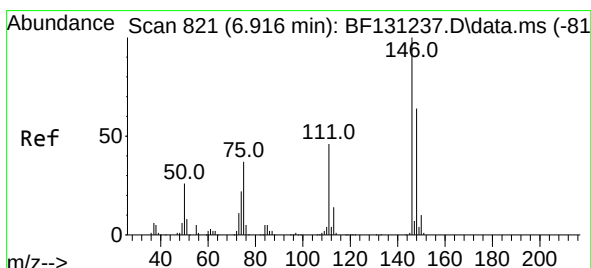
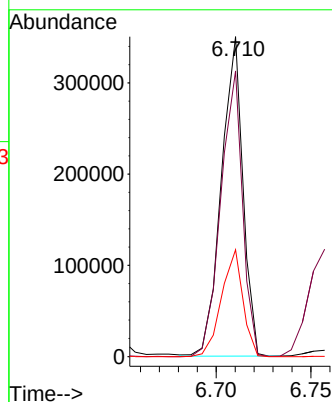
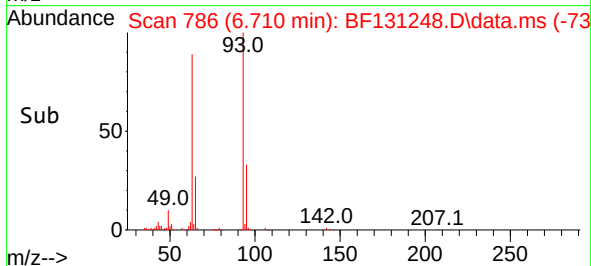
95 33.4 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#12

1,3-Dichlorobenzene

Concen: 40.571 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

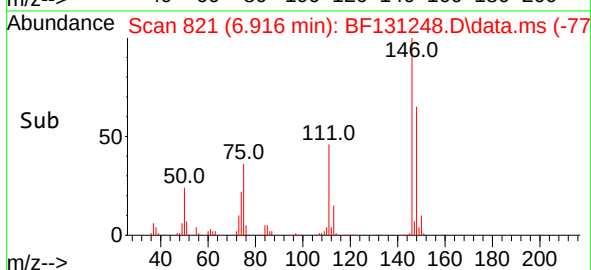
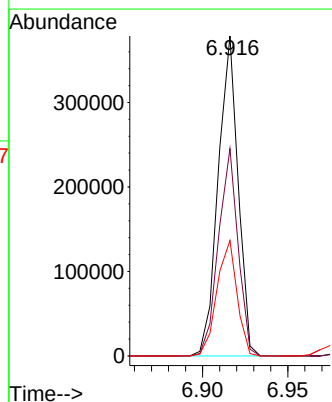
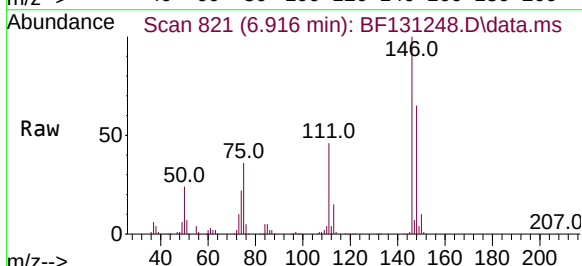
Tgt Ion:146 Resp: 307061

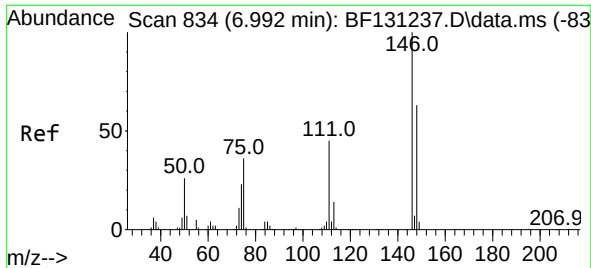
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

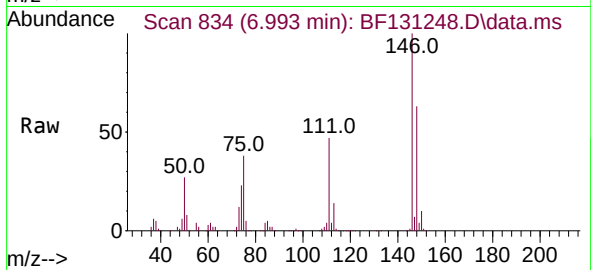
75 36.1 29.2 43.8





#13
1,4-Dichlorobenzene
Concen: 40.289 ng
RT: 6.993 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

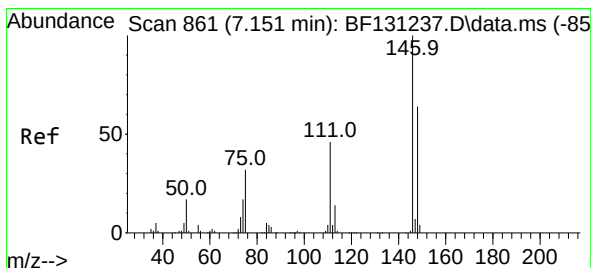
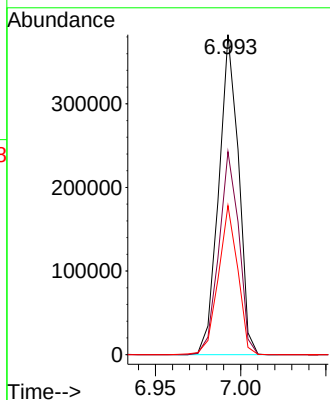
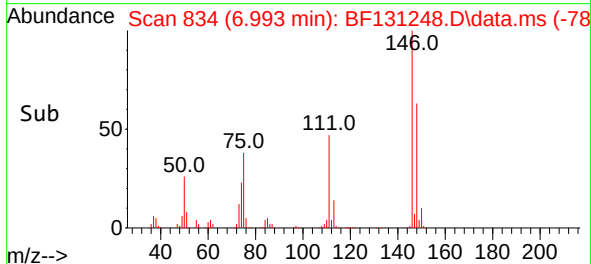
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion:146 Resp: 308384
Ion Ratio Lower Upper
146 100
148 63.4 50.1 75.1
111 46.6 36.3 54.5

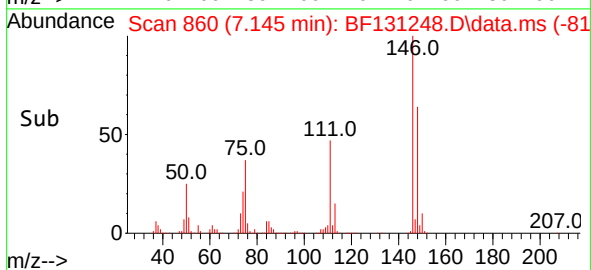
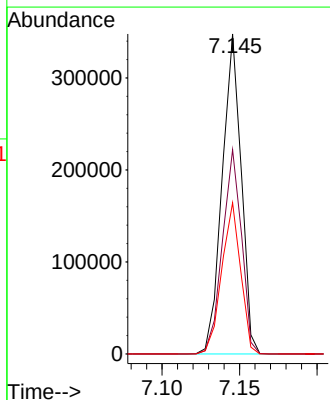
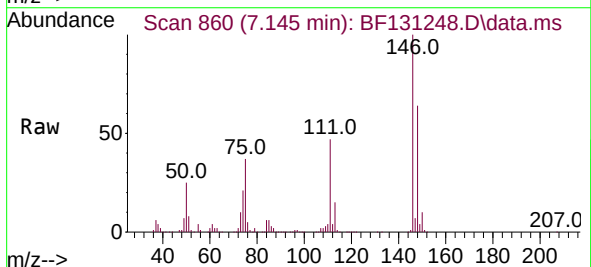
Manual Integrations
APPROVED

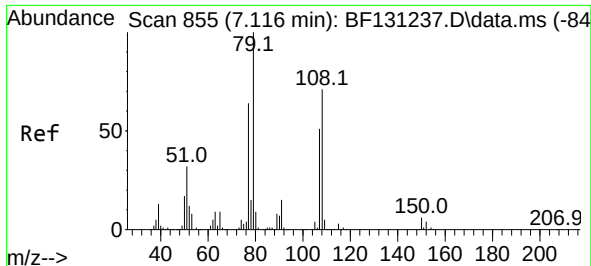
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#14
1,2-Dichlorobenzene
Concen: 41.978 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

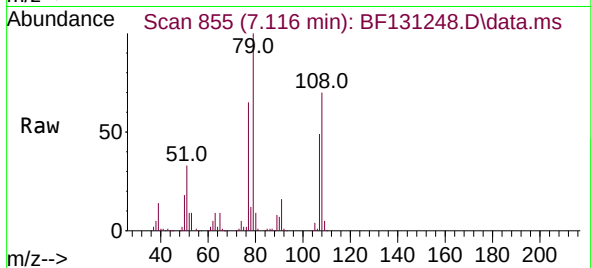
Tgt Ion:146 Resp: 296978
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 47.2 36.9 55.3





#15
Benzyl Alcohol
Concen: 40.980 ng m
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

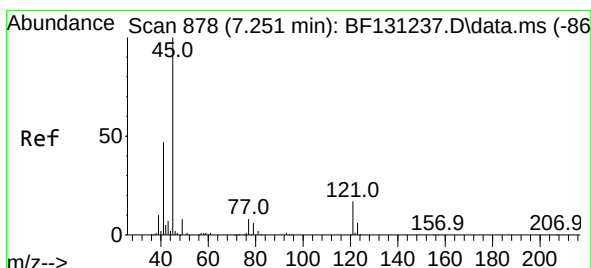
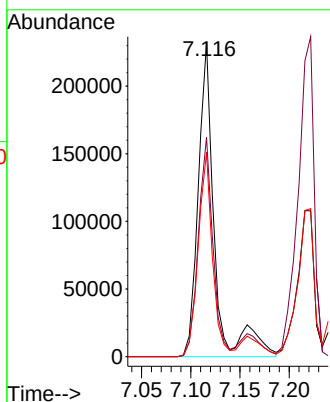
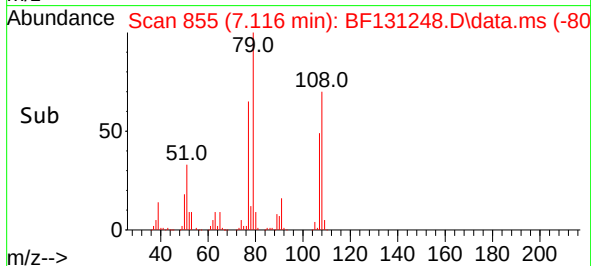
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion: 79 Resp: 268316
Ion Ratio Lower Upper
79 100
108 69.8 56.7 85.1
77 65.0 51.4 77.2

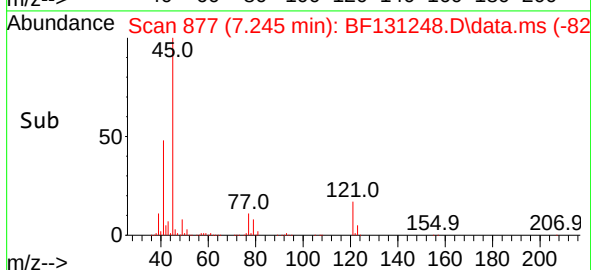
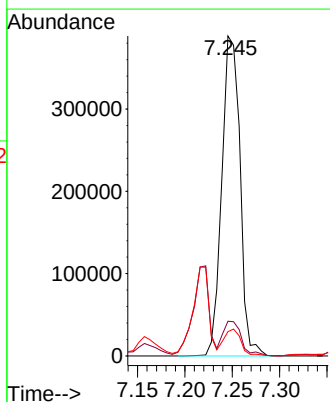
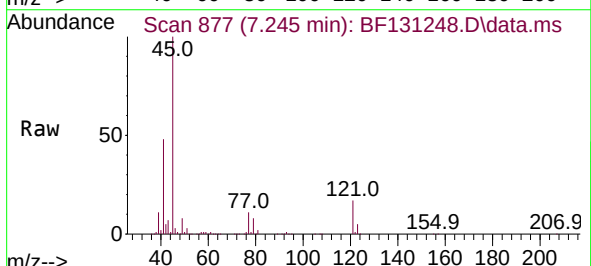
Manual Integrations
APPROVED

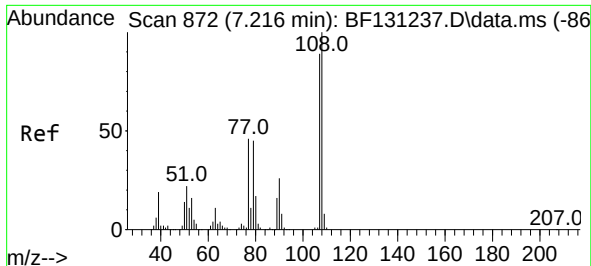
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.812 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

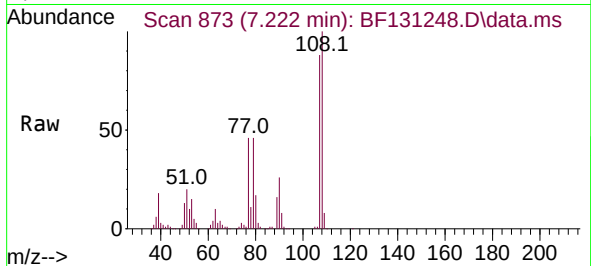
Tgt Ion: 45 Resp: 519983
Ion Ratio Lower Upper
45 100
77 10.8 0.0 31.0
79 7.6 0.0 28.5





#17
2-Methylphenol
Concen: 41.862 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

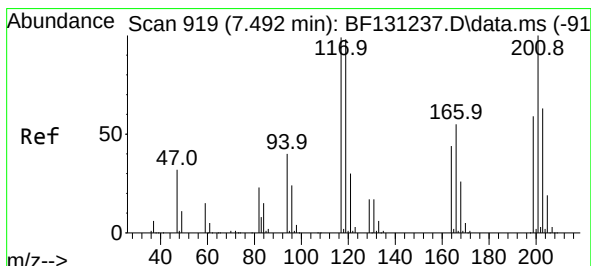
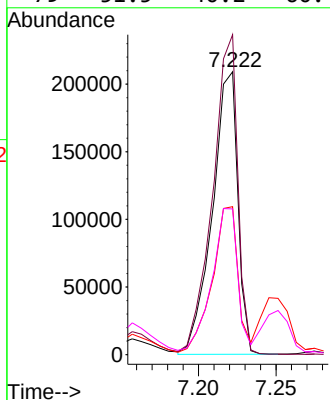
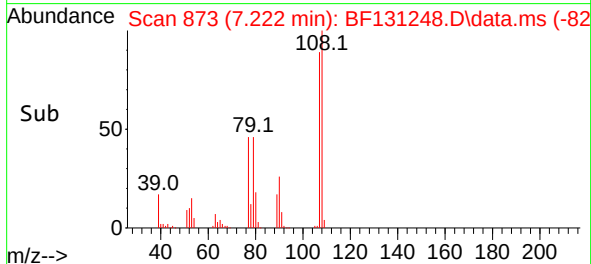
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion:107 Resp: 239096
Ion Ratio Lower Upper
107 100
108 113.2 89.8 134.6
77 52.3 41.4 62.0
79 51.5 40.2 60.4

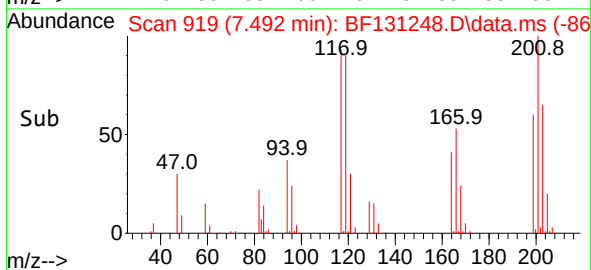
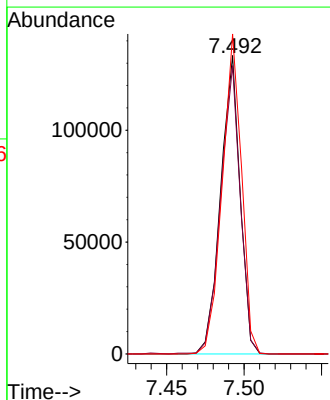
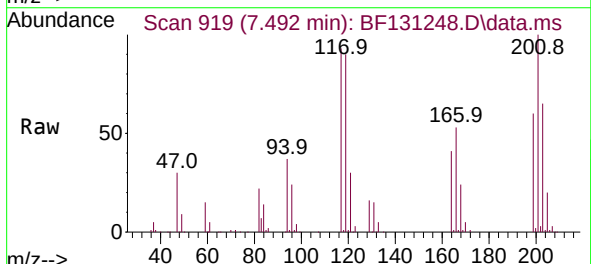
Manual Integrations
APPROVED

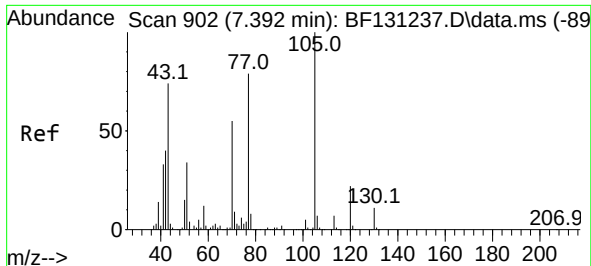
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 41.950 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

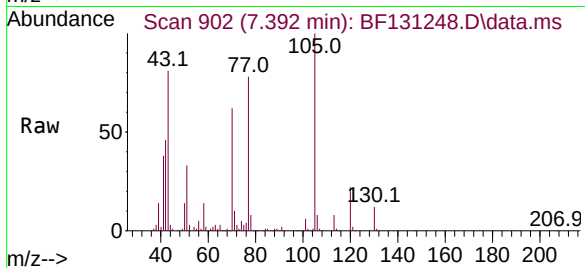
Tgt Ion:117 Resp: 116731
Ion Ratio Lower Upper
117 100
119 96.6 79.0 118.6
201 107.2 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 40.856 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

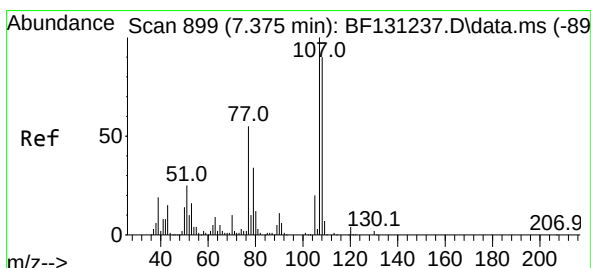
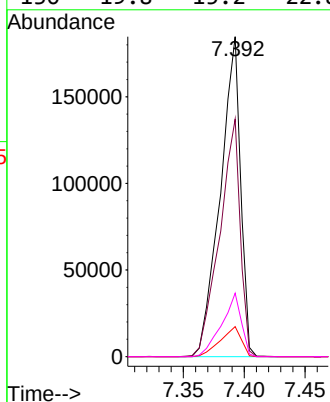
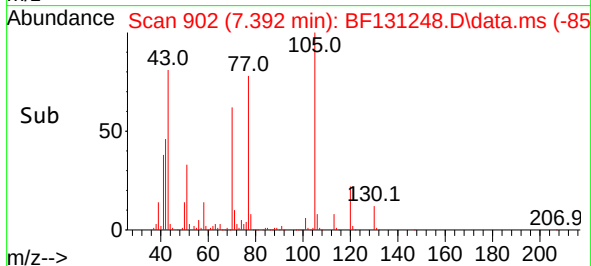
Instrument :
BNA_F
ClientSampleId :
PB148960BS



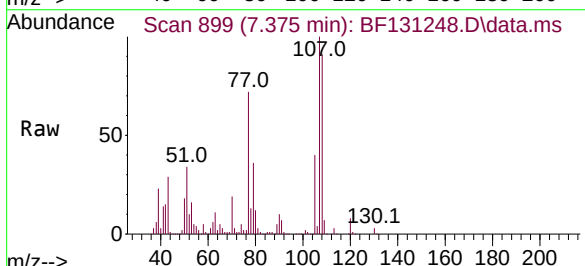
Tgt Ion: 70 Resp: 214594
Ion Ratio Lower Upper
70 100
42 74.2 58.3 87.5
101 9.4 7.2 10.8
130 19.8 15.2 22.8

Manual Integrations
APPROVED

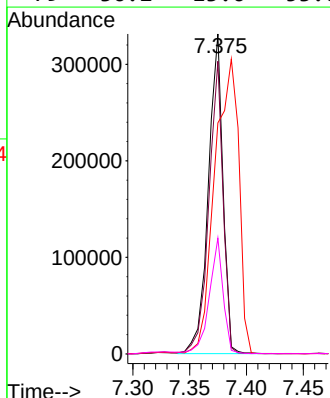
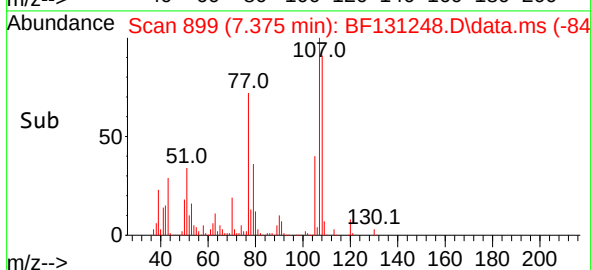
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

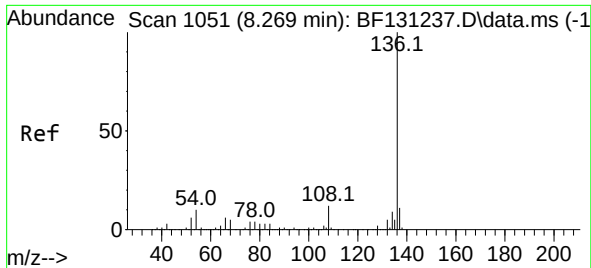


#20
3+4-Methylphenols
Concen: 40.353 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:107 Resp: 298117
Ion Ratio Lower Upper
107 100
108 91.4 69.5 109.5
77 72.2 35.3 75.3
79 36.2 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: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

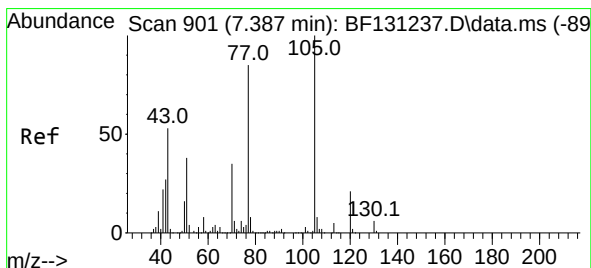
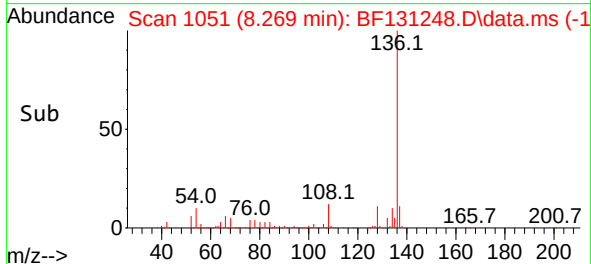
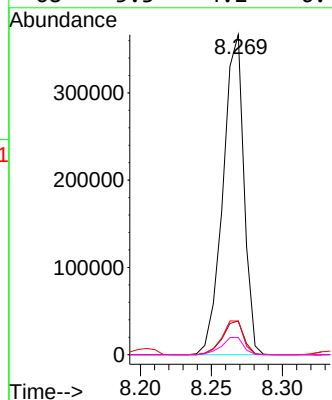
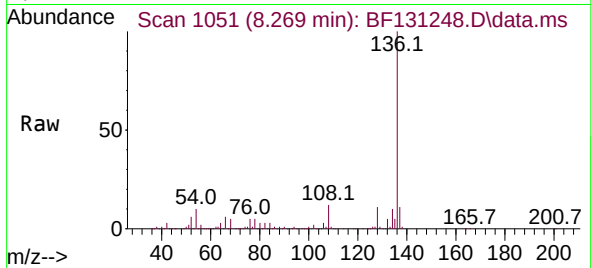
PB148960BS

Tgt Ion:136 Resp: 375834
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.5 7.8 11.8
68 5.3 4.2 6.4

Manual Integrations

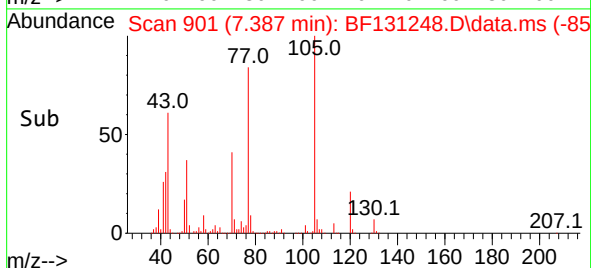
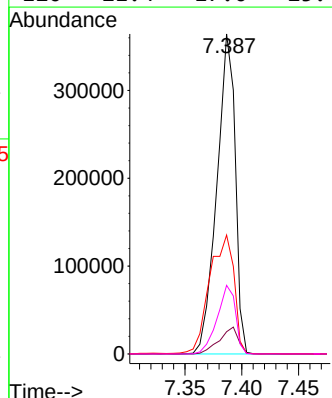
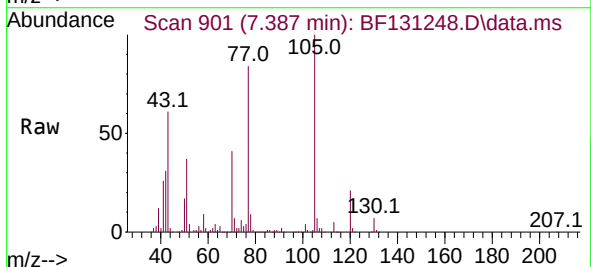
APPROVED

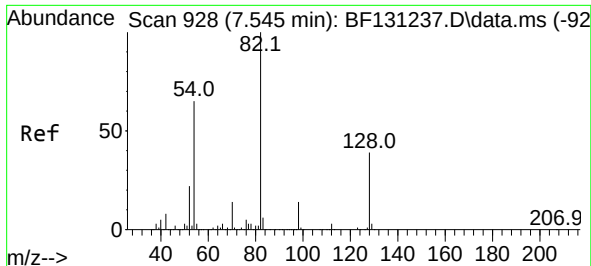
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 41.826 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:105 Resp: 409761
Ion Ratio Lower Upper
105 100
71 6.9 4.7 7.1
51 37.1 30.2 45.2
120 21.4 17.0 25.4





#23

Nitrobenzene-d5

Concen: 95.974 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

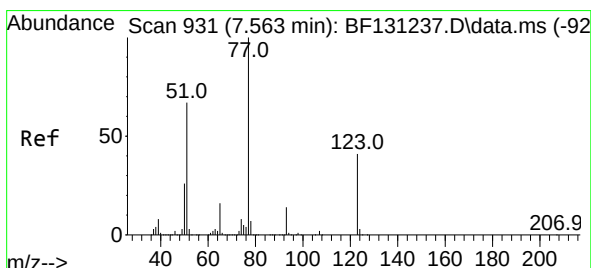
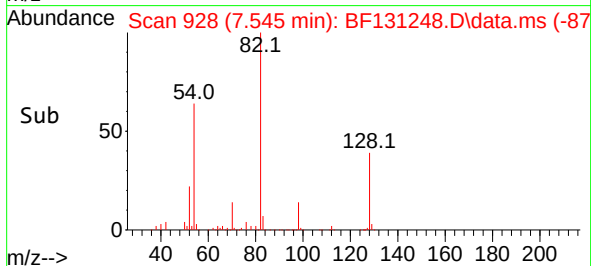
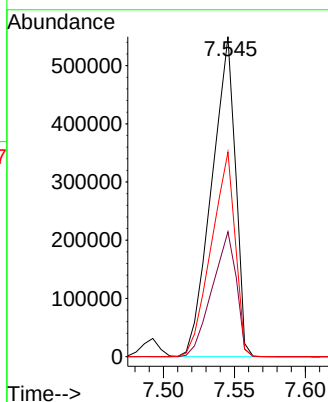
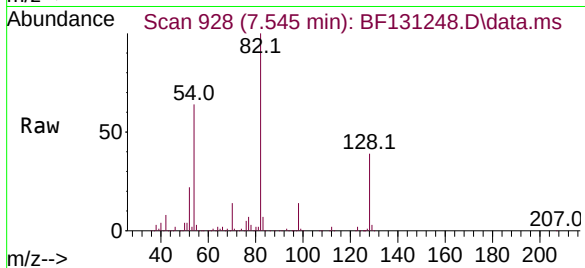
PB148960BS

Tgt Ion:	82	Resp:	642620
Ion	Ratio	Lower	Upper
82	100		
128	39.0	31.1	46.7
54	63.9	51.8	77.6

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 45.308 ng

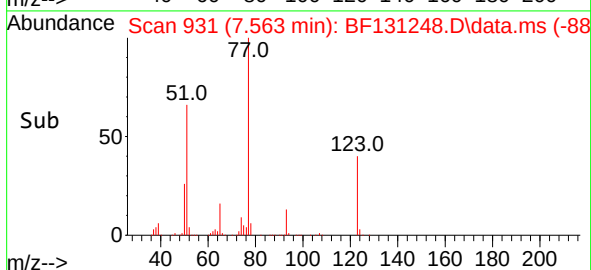
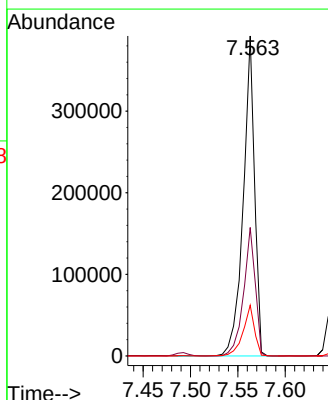
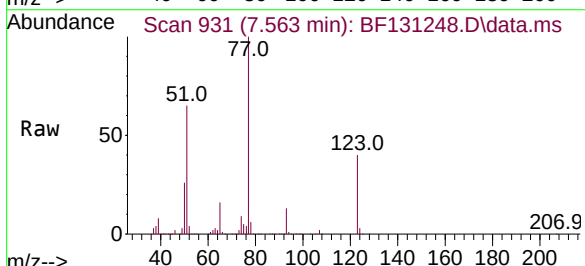
RT: 7.563 min Scan# 931

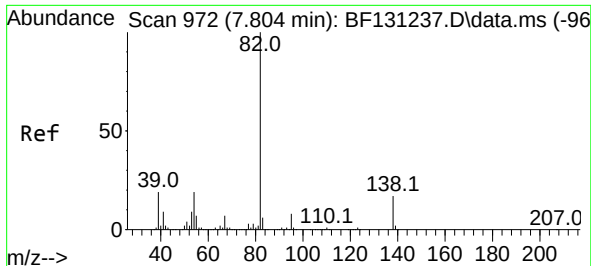
Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:	77	Resp:	327506
Ion	Ratio	Lower	Upper
77	100		
123	40.1	33.2	49.8
65	15.8	13.0	19.4





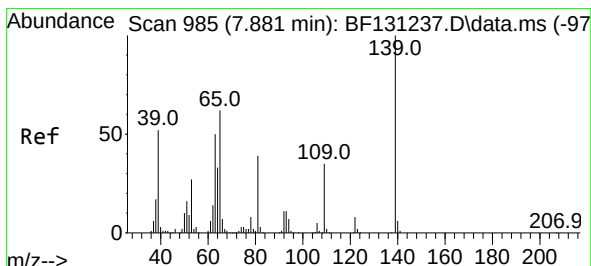
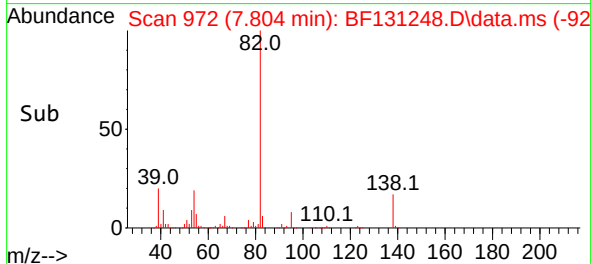
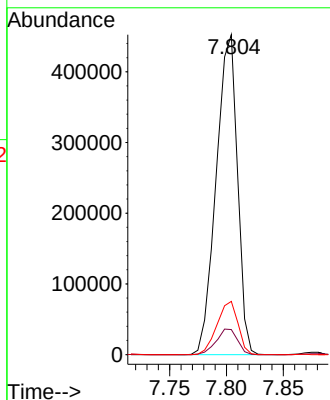
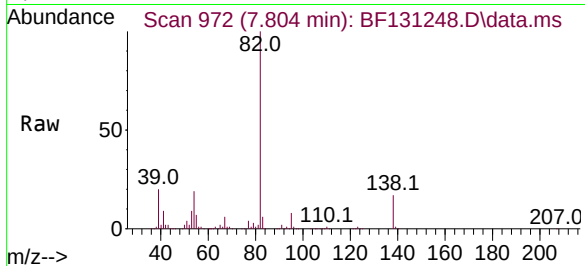
#25
Isophorone
Concen: 44.003 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
PB148960BS

Tgt Ion: 82 Resp: 58862
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 16.6 13.4 20.0

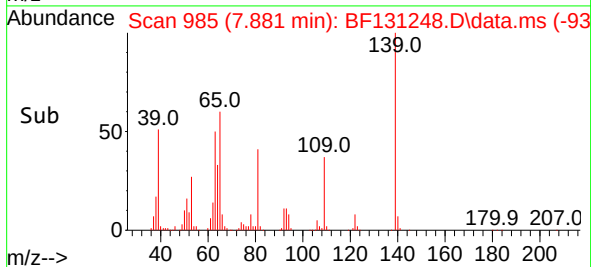
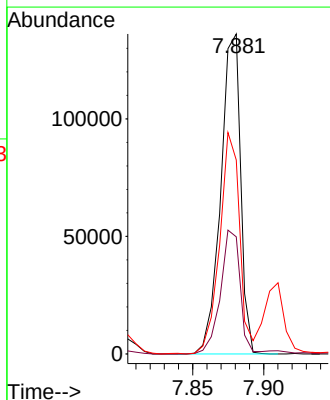
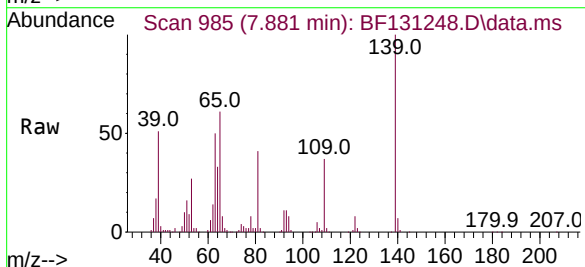
Manual Integrations
APPROVED

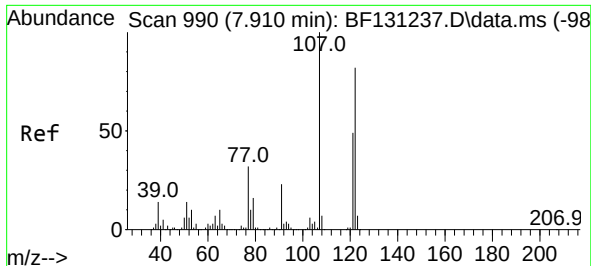
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 46.050 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:139 Resp: 132824
Ion Ratio Lower Upper
139 100
109 36.6 28.0 42.0
65 60.6 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 48.237 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131248.D

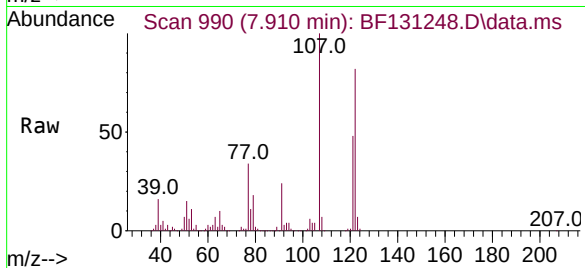
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

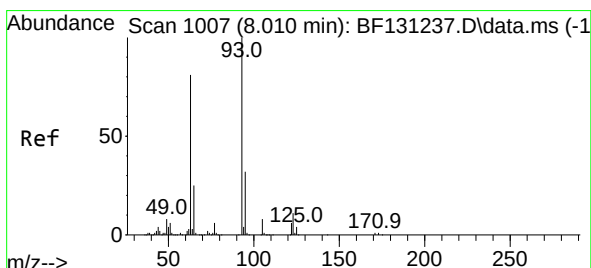
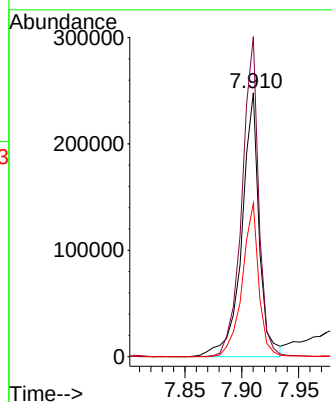
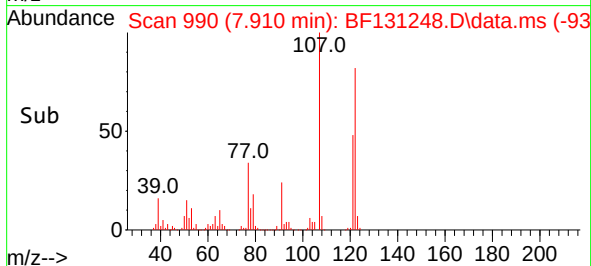


Tgt Ion:	122	Resp:	264112
Ion Ratio	Lower	Upper	
122	100		
107	121.3	97.1	145.7
121	58.1	47.5	71.3

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.852 ng

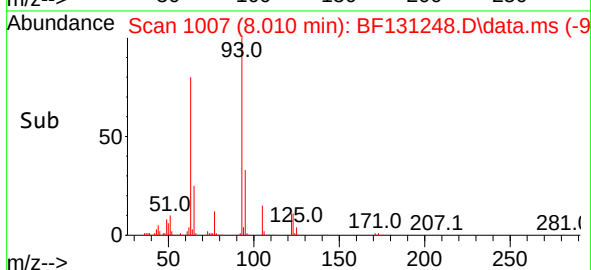
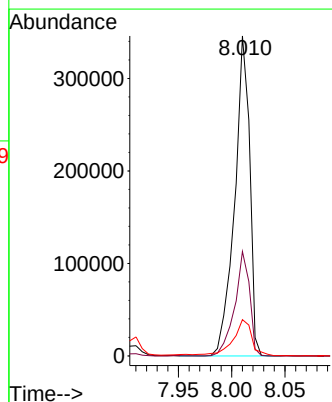
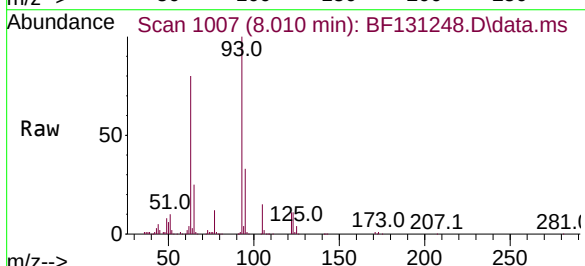
RT: 8.010 min Scan# 1007

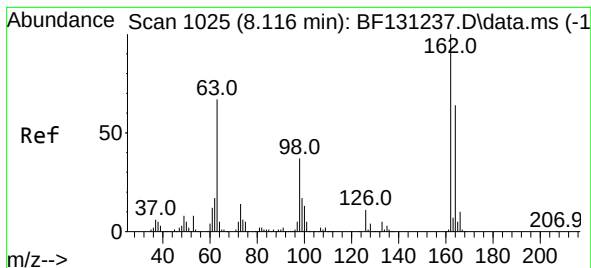
Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:	93	Resp:	338261
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.7	38.5
123	11.3	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.457 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

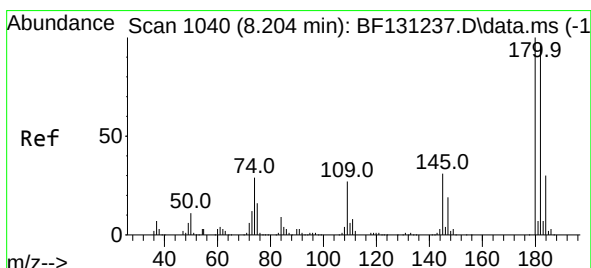
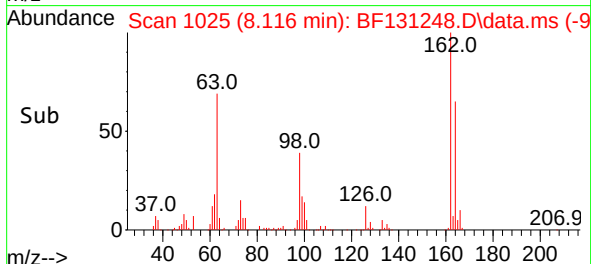
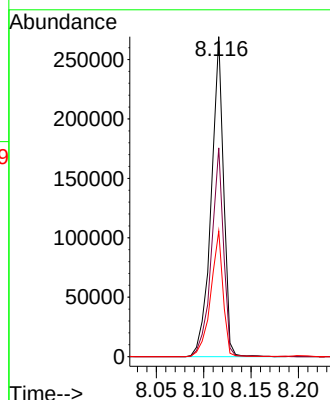
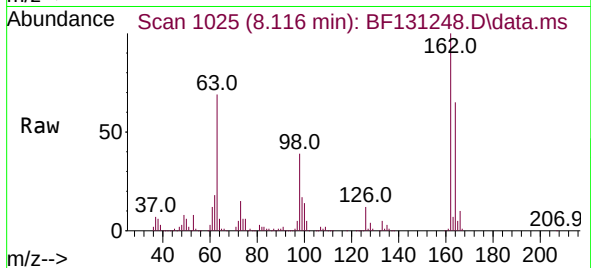
PB148960BS

Tgt Ion:	162	Resp:	245475
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.5	83.5
98	39.2	17.2	57.2

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 39.741 ng

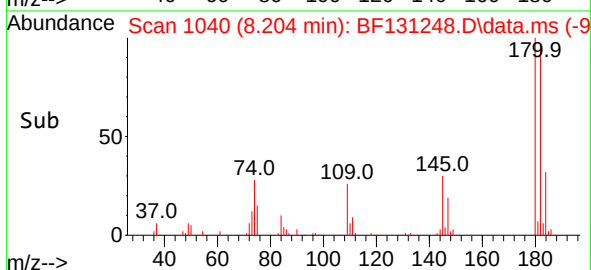
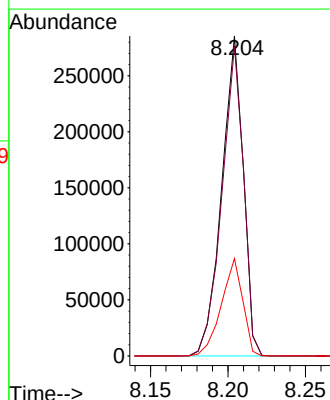
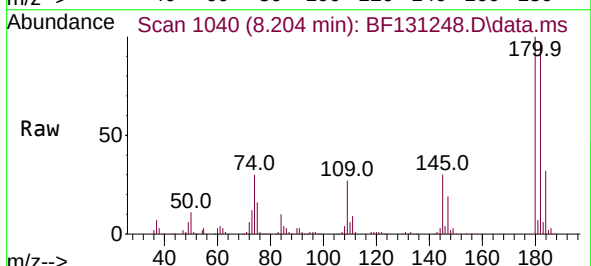
RT: 8.204 min Scan# 1040

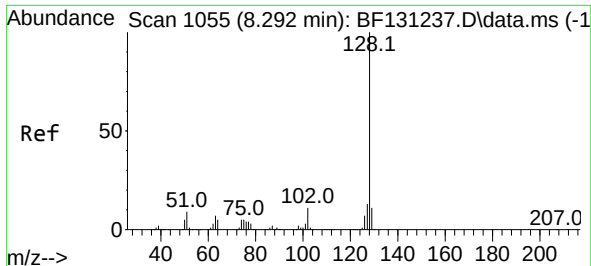
Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:	180	Resp:	275888
Ion Ratio	Lower	Upper	
180	100		
182	96.9	76.6	115.0
145	30.4	24.8	37.2





#31
Naphthalene
Concen: 39.738 ng
RT: 8.287 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

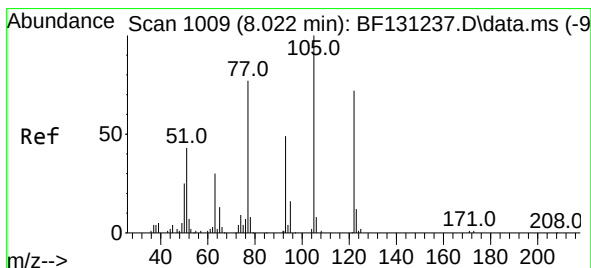
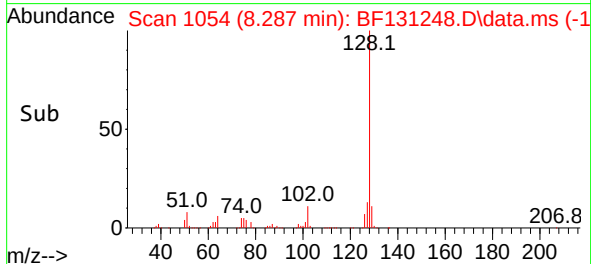
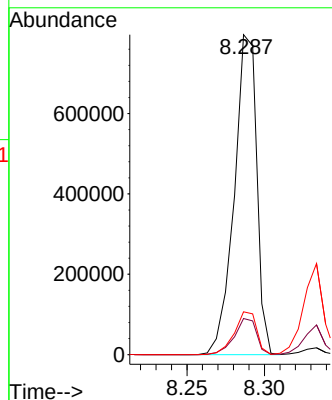
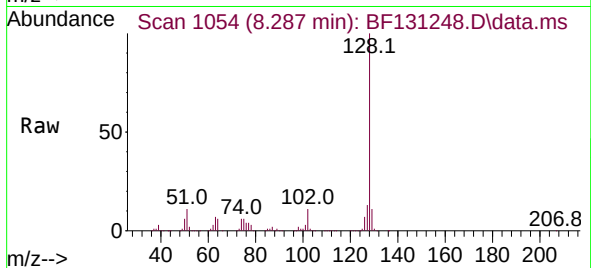
PB148960BS

Tgt Ion:128 Resp: 809140
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.4 10.3 15.5

Manual Integrations

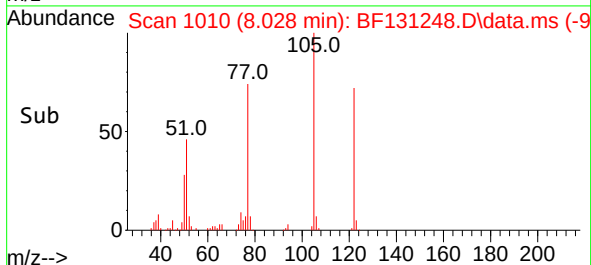
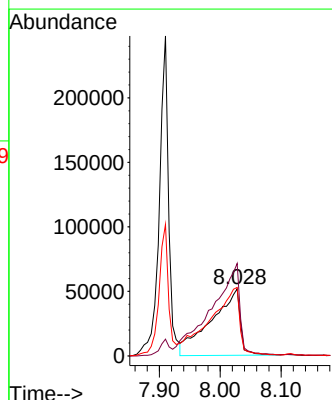
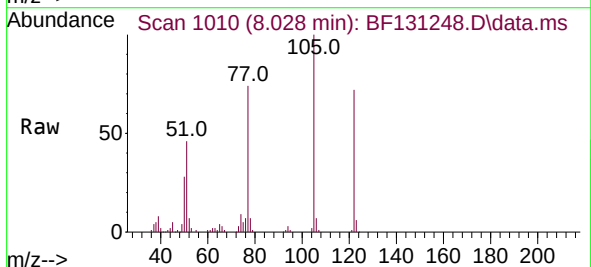
APPROVED

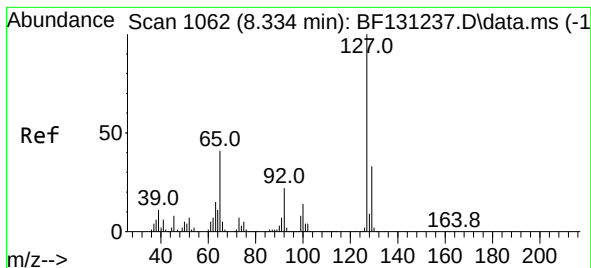
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 43.789 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:122 Resp: 170739
Ion Ratio Lower Upper
122 100
105 138.0 116.9 156.9
77 102.4 86.9 126.9





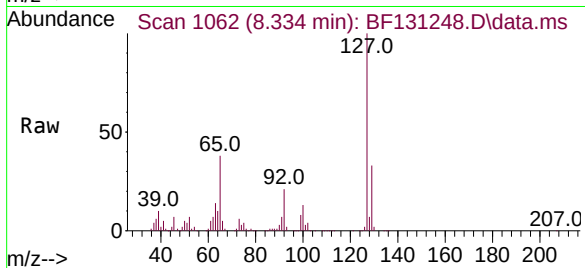
#33
4-Chloroaniline
Concen: 25.231 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

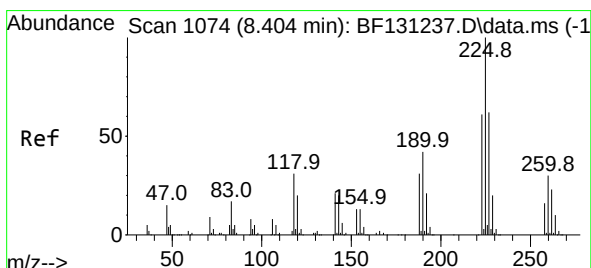
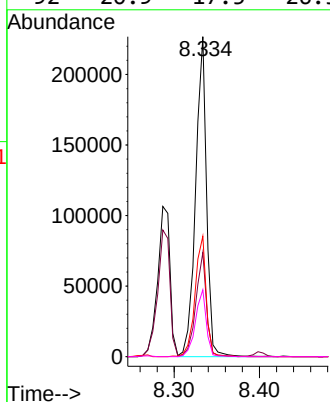
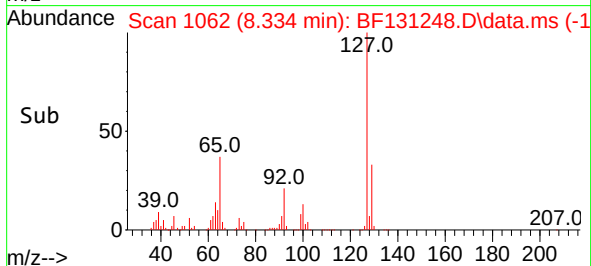


Tgt Ion:127 Resp: 202245
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 37.6 32.6 48.8
92 20.9 17.5 26.3

Manual Integrations

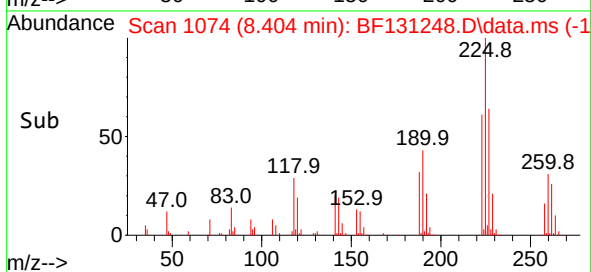
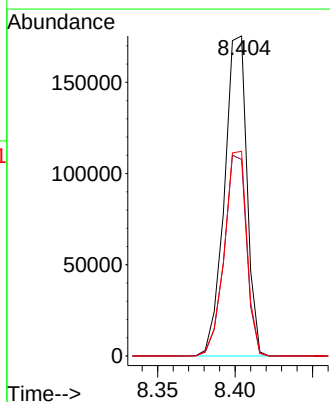
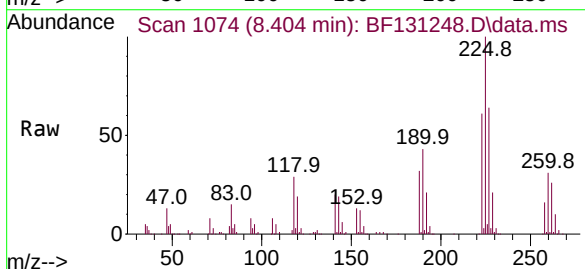
APPROVED

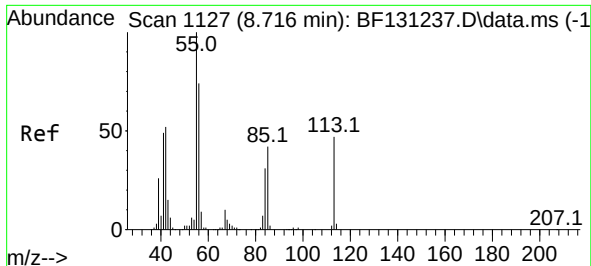
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 40.355 ng
RT: 8.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

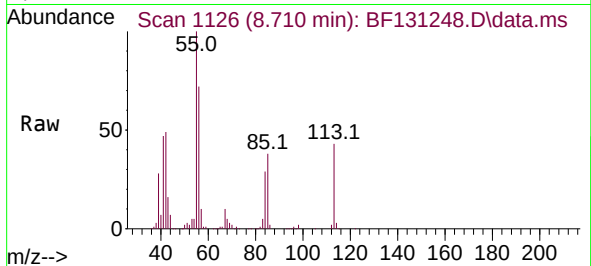
Tgt Ion:225 Resp: 177313
Ion Ratio Lower Upper
225 100
223 61.4 49.1 73.7
227 63.9 50.0 75.0





#35
Caprolactam
Concen: 44.133 ng m
RT: 8.710 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

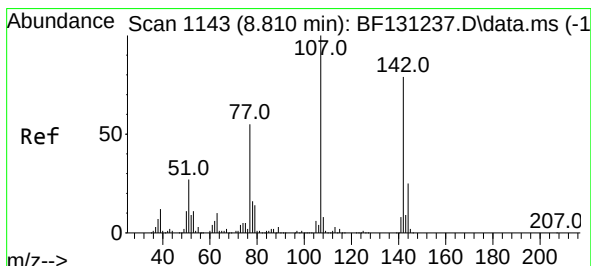
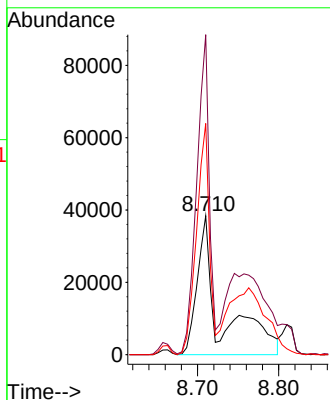
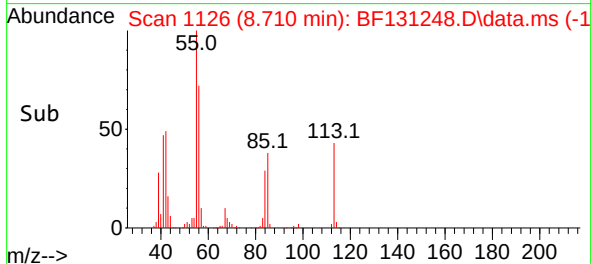
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion:113 Resp: 77225
Ion Ratio Lower Upper
113 100
55 230.6 193.2 233.2
56 166.5 137.2 177.2

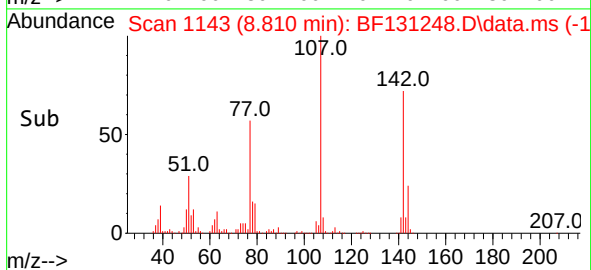
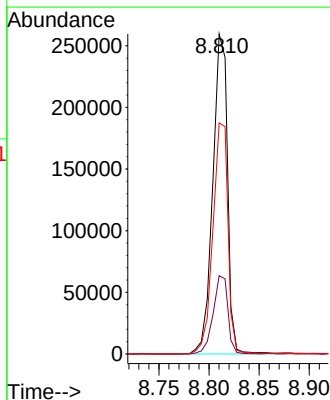
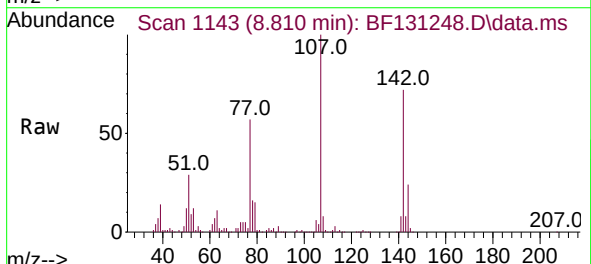
Manual Integrations
APPROVED

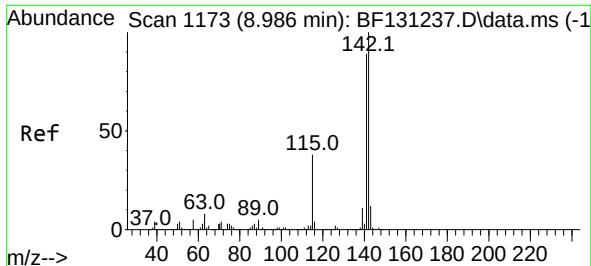
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 42.674 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:107 Resp: 265969
Ion Ratio Lower Upper
107 100
144 24.4 20.2 30.2
142 72.2 63.0 94.6





#37

2-Methylnaphthalene

Concen: 40.340 ng

RT: 8.986 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

Tgt Ion:142 Resp: 547060

Ion Ratio Lower Upper

142 100

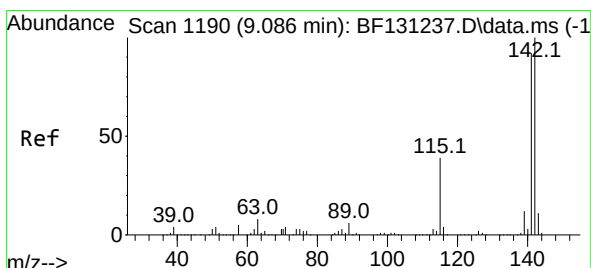
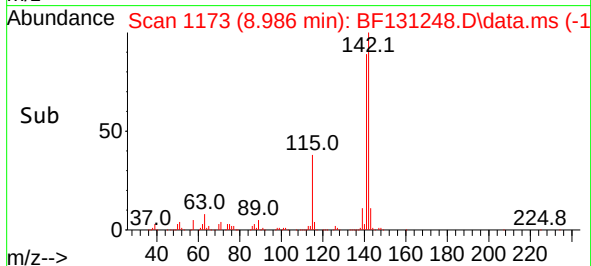
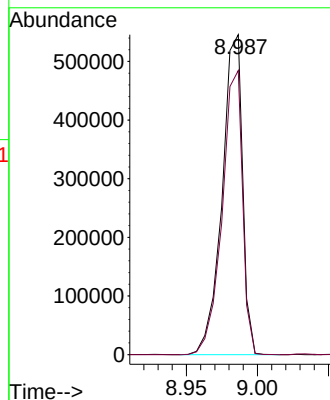
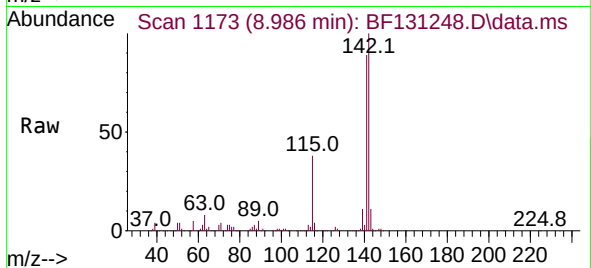
141 88.8 71.0 106.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 39.178 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF131248.D

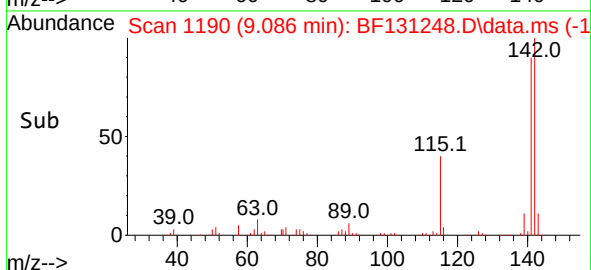
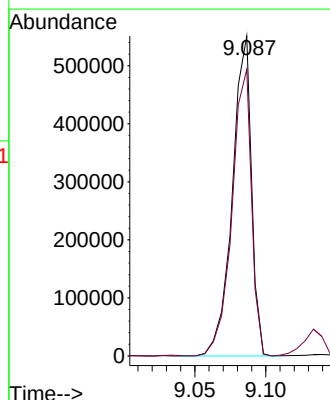
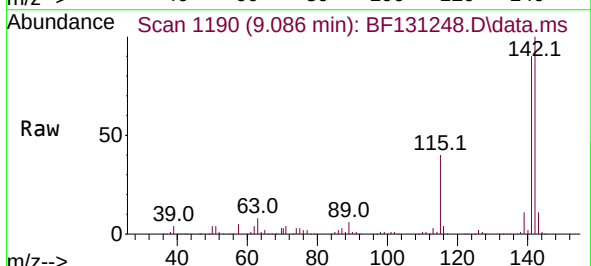
Acq: 15 Nov 2022 23:44

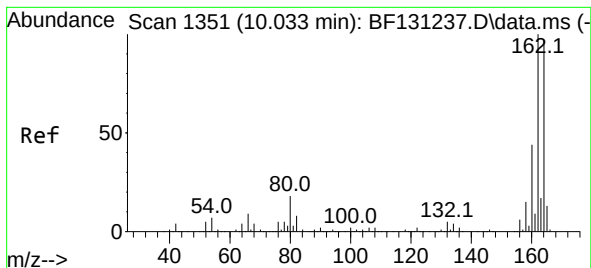
Tgt Ion:142 Resp: 515183

Ion Ratio Lower Upper

142 100

141 89.5 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.034 min Scan# 1351

Delta R.T. 0.001 min

Lab File: BF131248.D

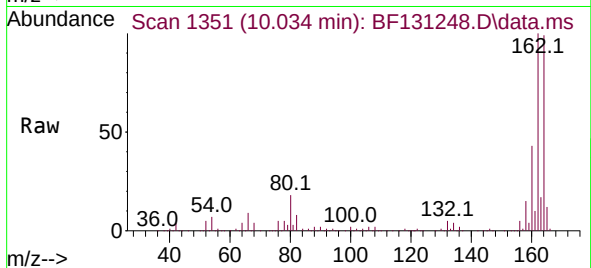
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS



Tgt Ion:164 Resp: 214627

Ion Ratio Lower Upper

164 100

162 101.1 82.1 123.1

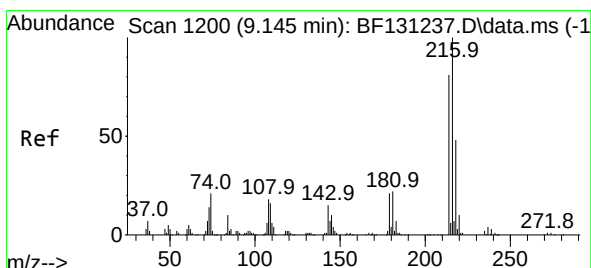
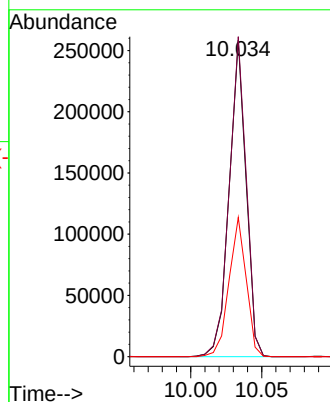
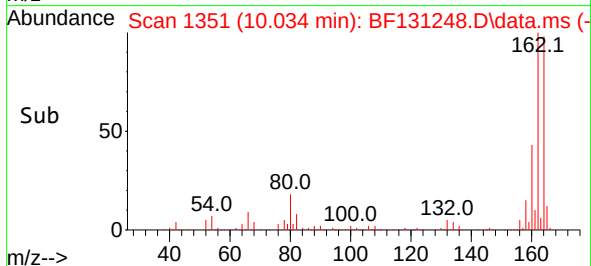
160 44.0 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.298 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.006 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:216 Resp: 278478

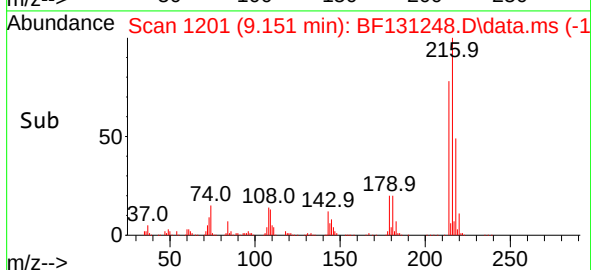
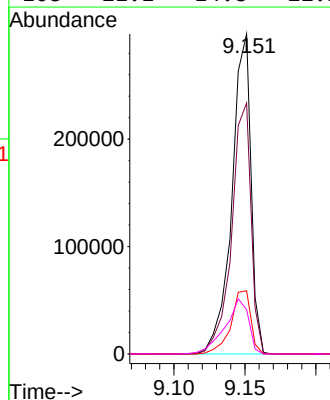
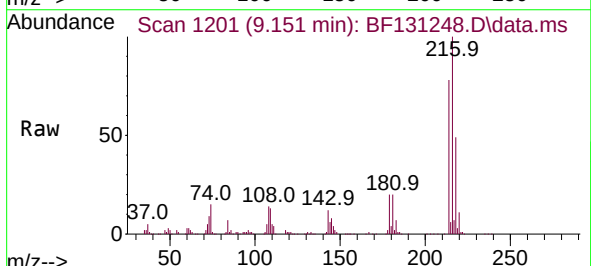
Ion Ratio Lower Upper

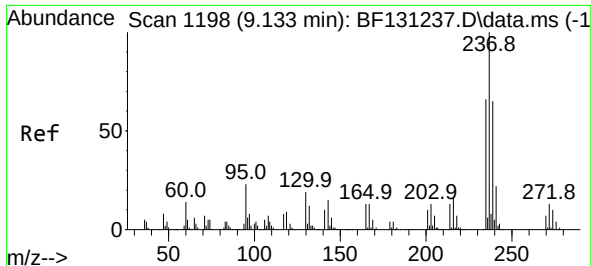
216 100

214 79.5 63.7 95.5

179 20.5 16.5 24.7

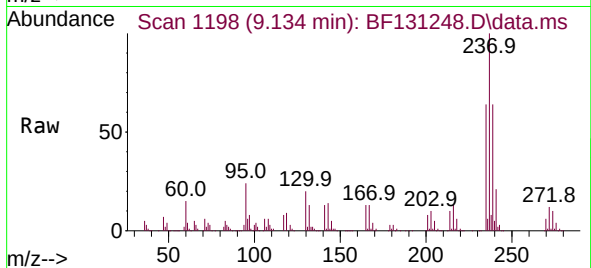
108 21.1 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 103.605 ng
RT: 9.134 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

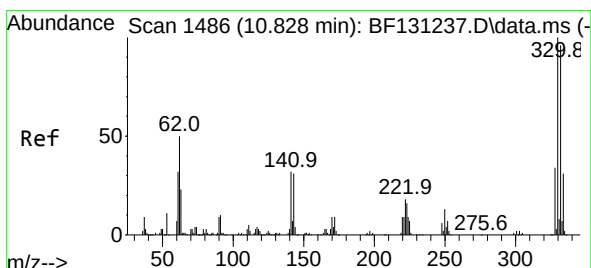
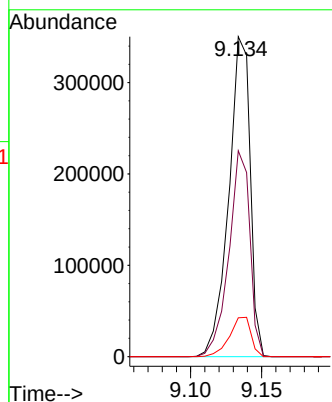
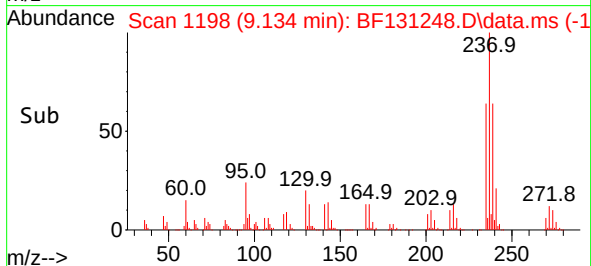
Instrument :
BNA_F
ClientSampleId :
PB148960BS



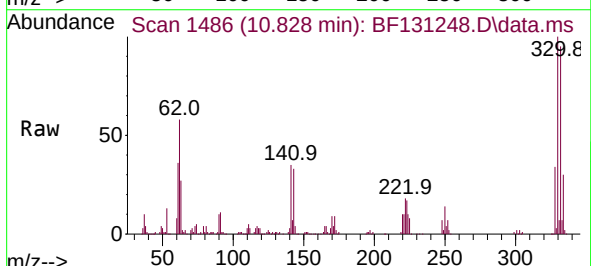
Tgt Ion:237 Resp: 366952
Ion Ratio Lower Upper
237 100
235 64.3 45.6 85.6
272 12.1 0.0 32.6

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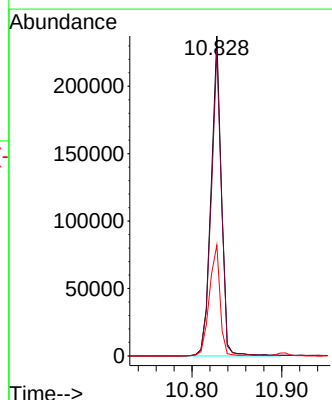
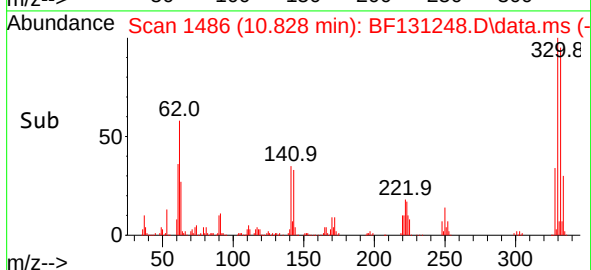
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

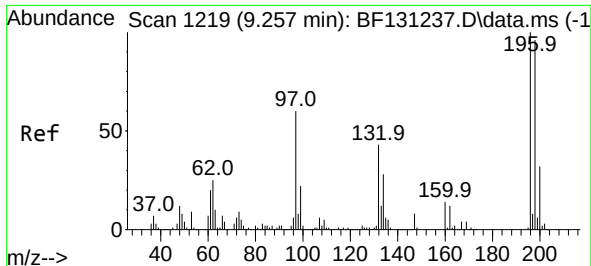


#42
2,4,6-Tribromophenol
Concen: 92.398 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:330 Resp: 189429
Ion Ratio Lower Upper
330 100
332 95.1 76.8 115.2
141 36.1 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 39.568 ng

RT: 9.257 min Scan# 1219

Delta R.T. 0.000 min

Lab File: BF131248.D

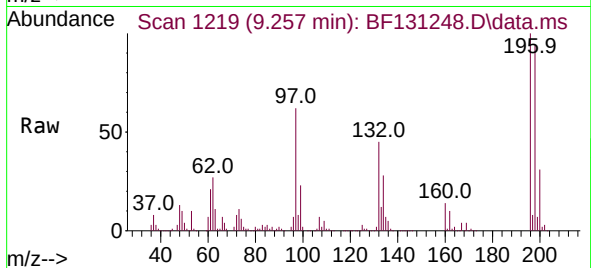
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS



Tgt Ion:196 Resp: 178765

Ion Ratio Lower Upper

196 100

198 93.8 76.5 114.7

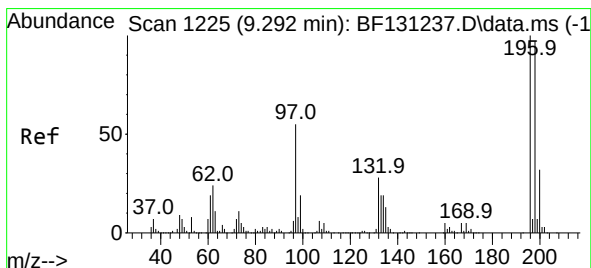
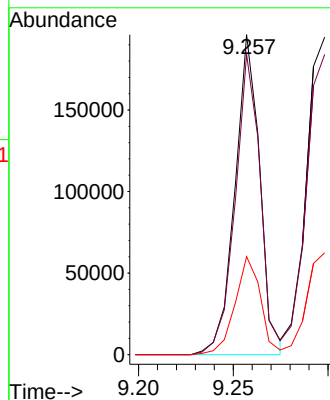
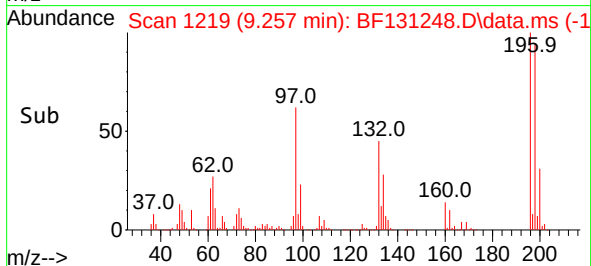
200 30.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#44

2,4,5-Trichlorophenol

Concen: 41.930 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Tgt Ion:196 Resp: 203287

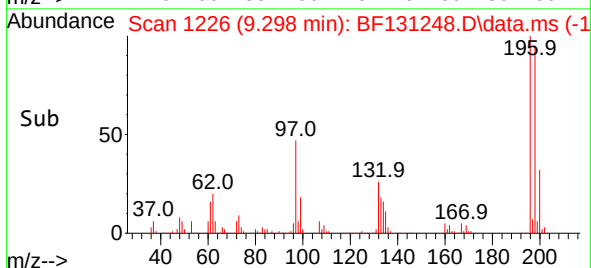
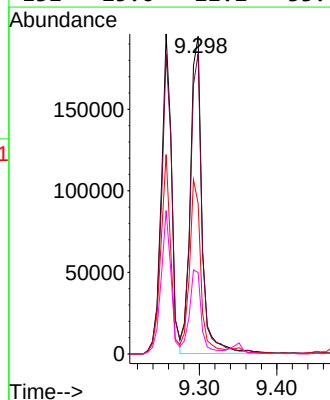
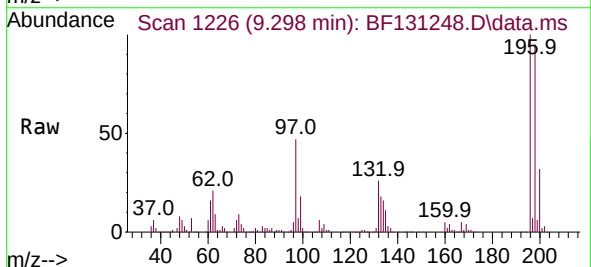
Ion Ratio Lower Upper

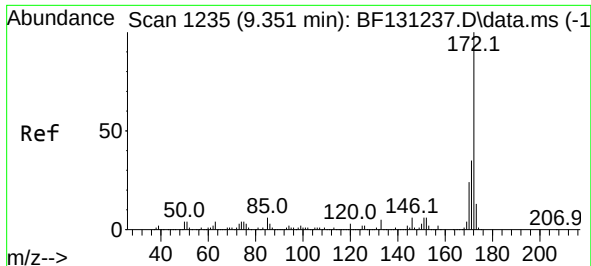
196 100

198 94.5 77.0 115.6

97 47.4 44.3 66.5

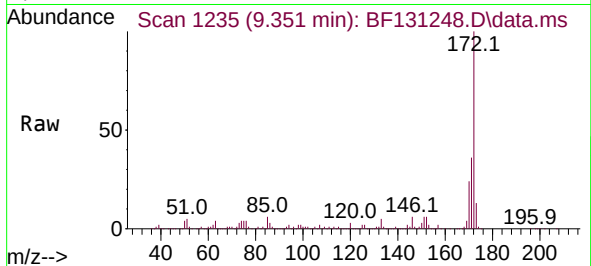
132 25.6 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 80.886 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

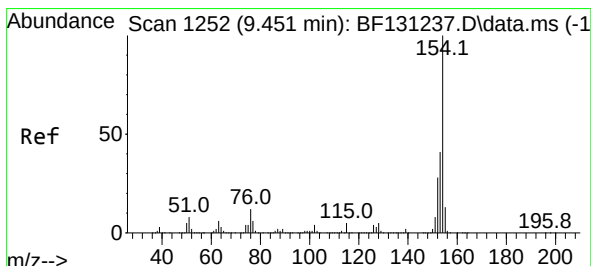
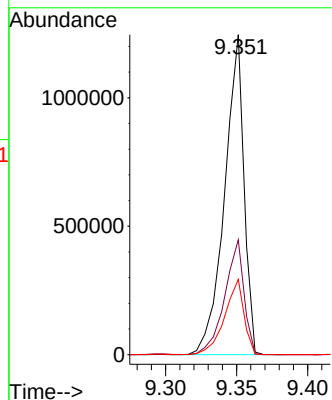
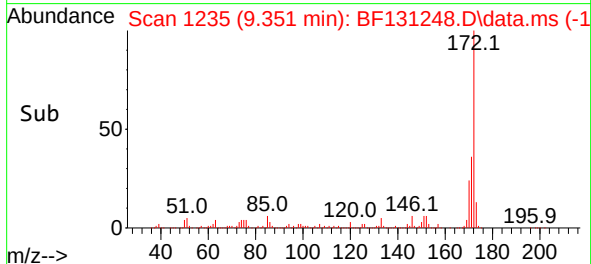
Instrument :
BNA_F
ClientSampleId :
PB148960BS



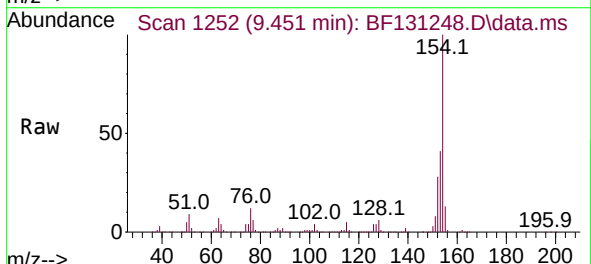
Tgt Ion:172 Resp: 1186302
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.5 18.8 28.2

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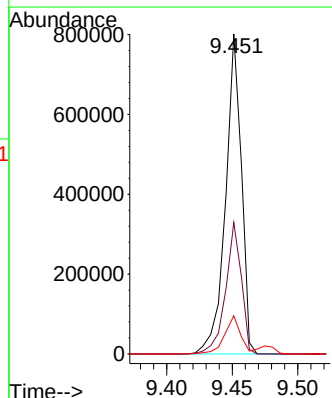
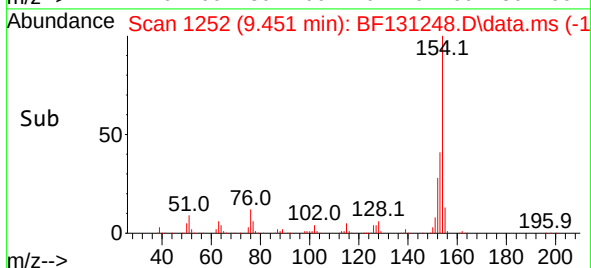
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

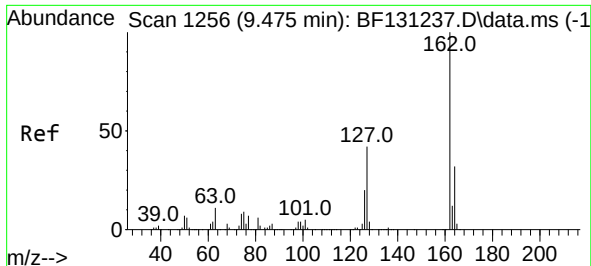


#46
1,1'-Biphenyl
Concen: 40.679 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:154 Resp: 671171
Ion Ratio Lower Upper
154 100
153 41.0 20.8 60.8
76 11.9 0.0 31.6





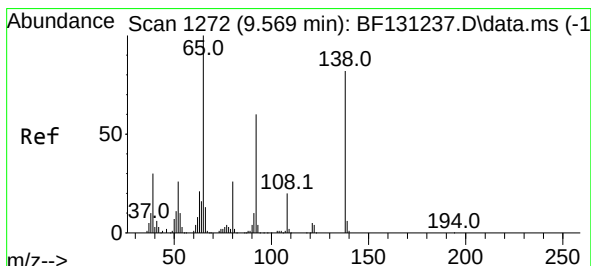
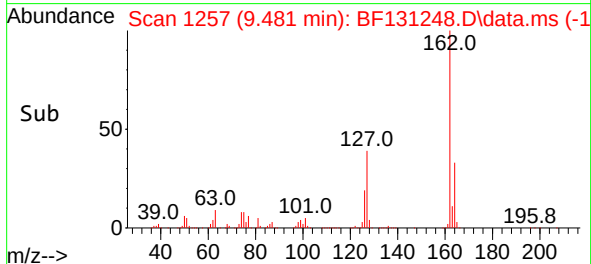
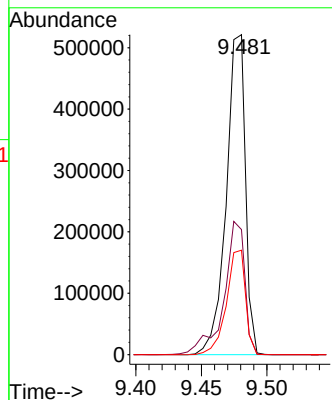
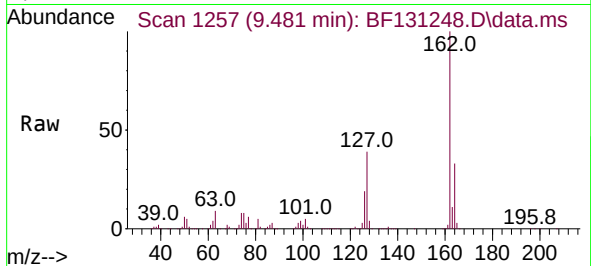
#47
2-Chloronaphthalene
Concen: 39.750 ng
RT: 9.481 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
PB148960BS

Tgt Ion:162 Resp: 531294
Ion Ratio Lower Upper
162 100
127 39.1 34.1 51.1
164 32.6 25.9 38.9

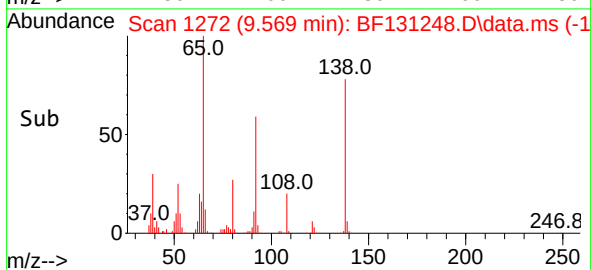
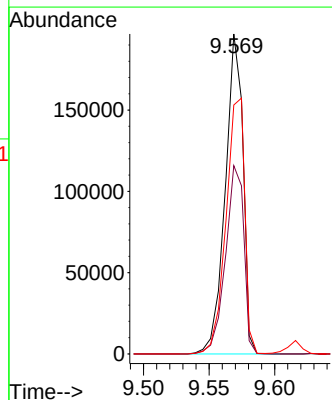
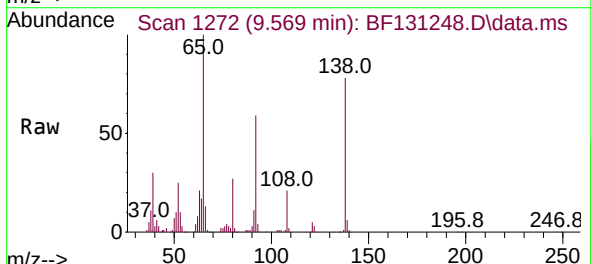
Manual Integrations
APPROVED

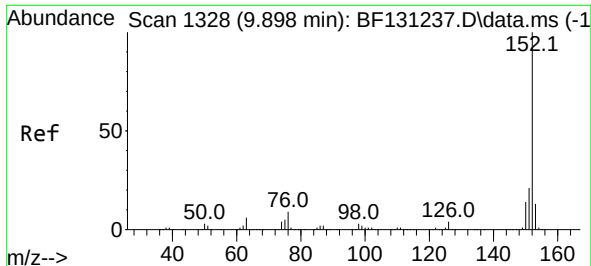
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#48
2-Nitroaniline
Concen: 43.630 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

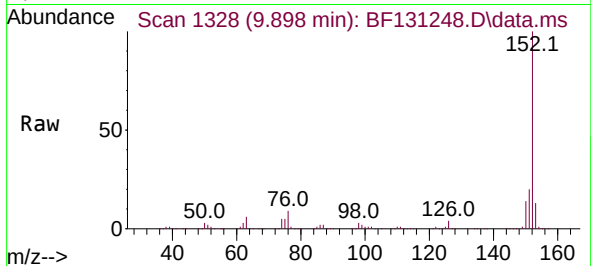
Tgt Ion: 65 Resp: 185396
Ion Ratio Lower Upper
65 100
92 58.8 48.2 72.2
138 77.8 65.8 98.8





#49
Acenaphthylene
Concen: 40.446 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

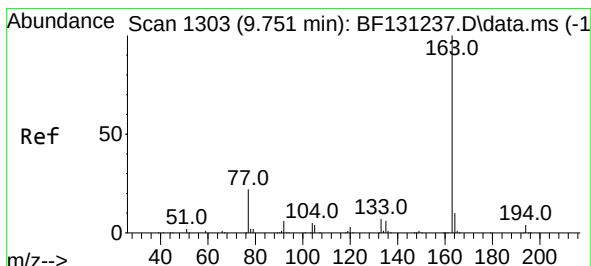
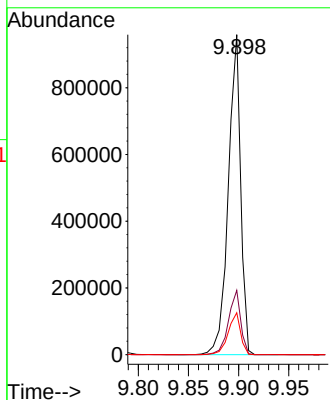
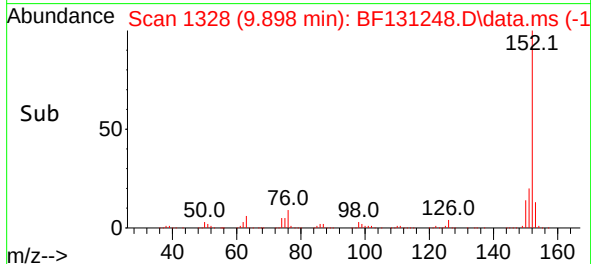
Instrument :
BNA_F
ClientSampleId :
PB148960BS



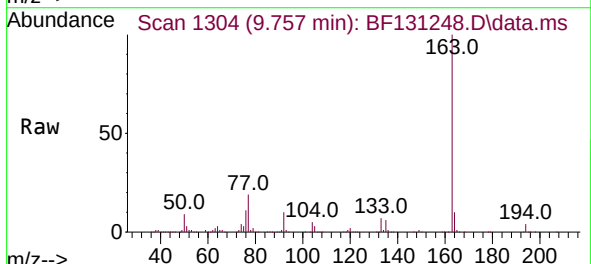
Tgt Ion:152 Resp: 825497
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.1 10.5 15.7

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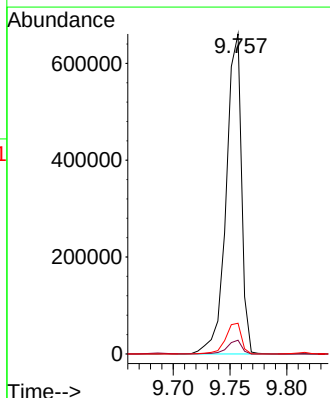
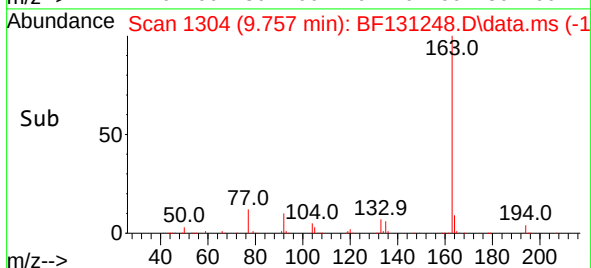
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

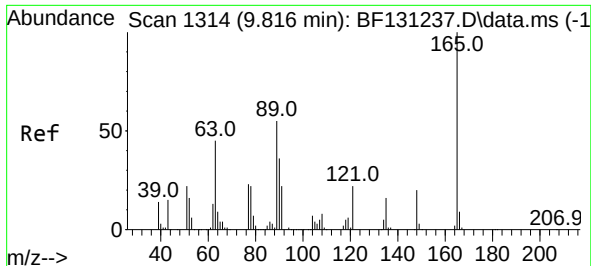


#50
Dimethylphthalate
Concen: 40.160 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:163 Resp: 617211
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 9.6 7.9 11.9





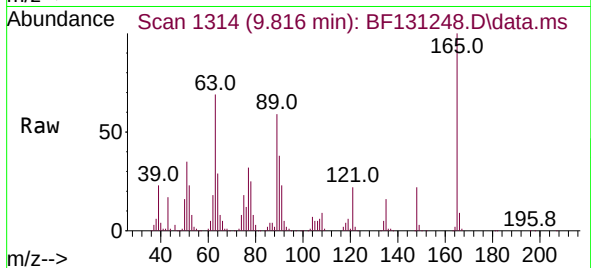
#51
2,6-Dinitrotoluene
Concen: 43.399 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

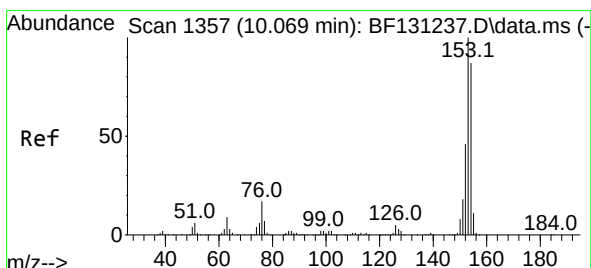
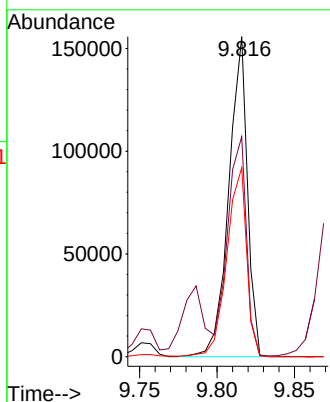
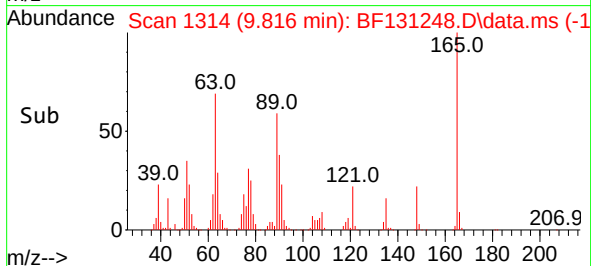


Tgt Ion:165 Resp: 129920
Ion Ratio Lower Upper
165 100
63 68.7 49.8 74.6
89 59.0 44.5 66.7

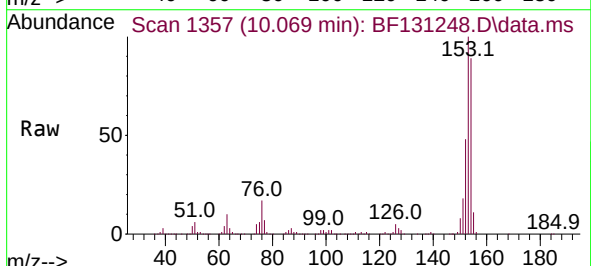
Manual Integrations

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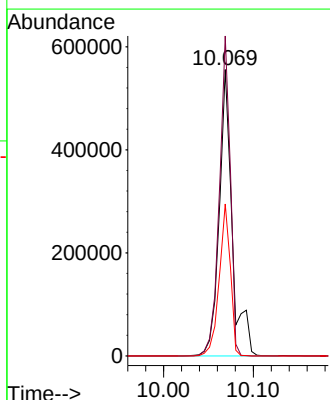
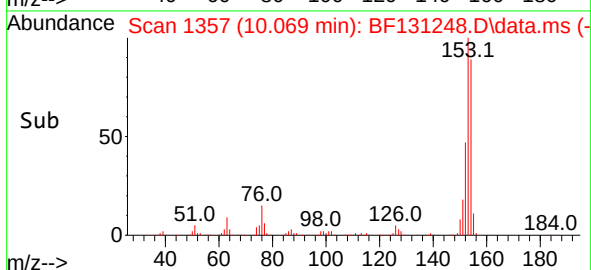
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

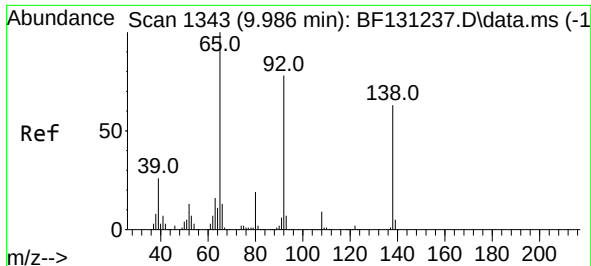


#52
Acenaphthene
Concen: 43.998 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:154 Resp: 560539
Ion Ratio Lower Upper
154 100
153 111.7 91.4 137.2
152 53.1 42.4 63.6





#53
3-Nitroaniline
Concen: 30.453 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

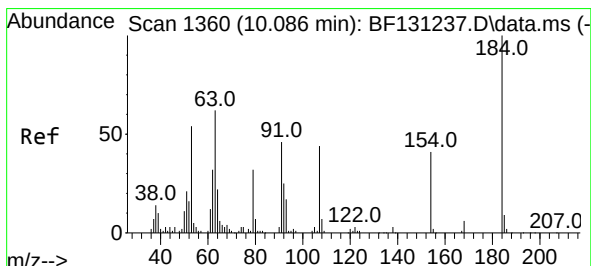
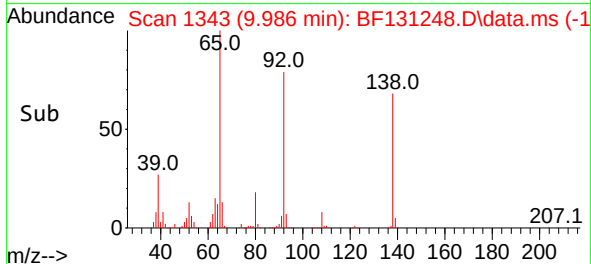
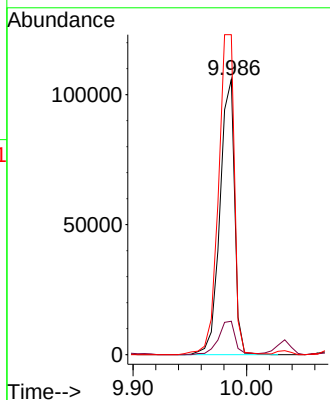
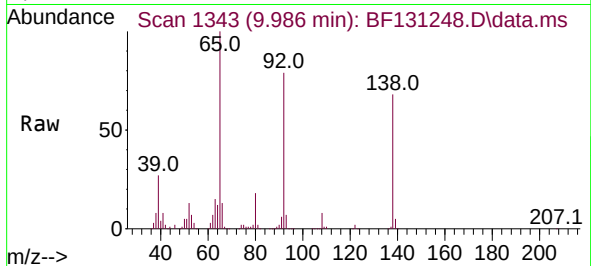
PB148960BS

Tgt Ion:138 Resp: 94628
Ion Ratio Lower Upper
138 100
108 12.1 11.4 17.2
92 116.3 98.6 148.0

Manual Integrations

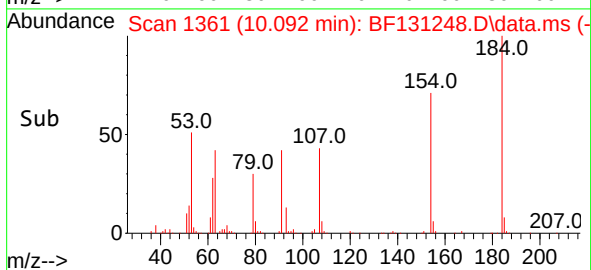
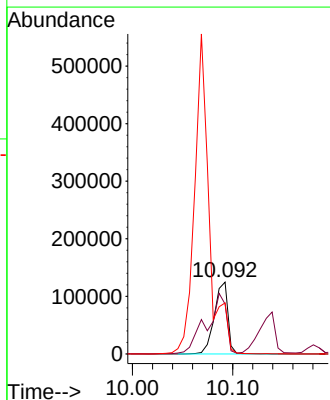
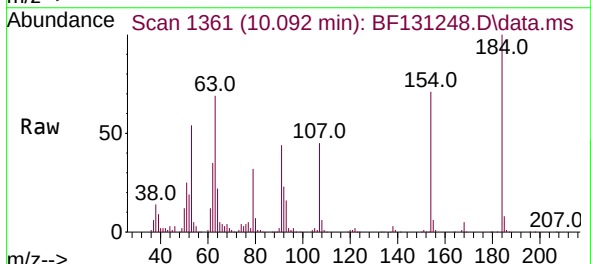
APPROVED

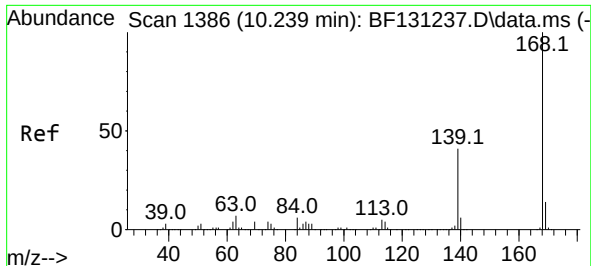
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 83.780 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

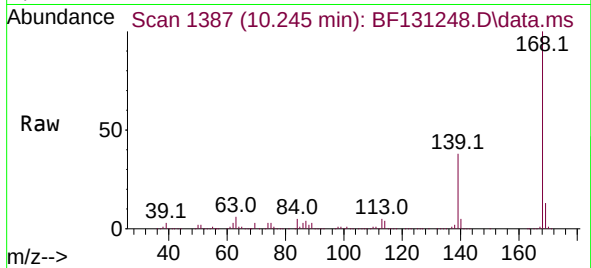
Tgt Ion:184 Resp: 116514
Ion Ratio Lower Upper
184 100
63 69.5 52.5 78.7
154 71.2 54.0 81.0





#55
Dibenzofuran
Concen: 39.846 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

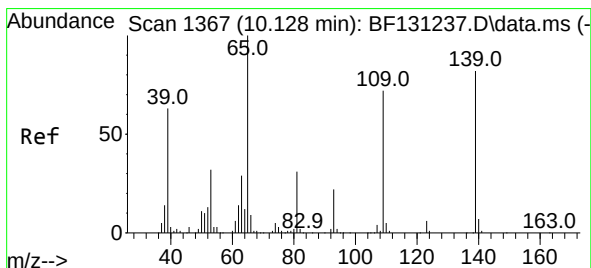
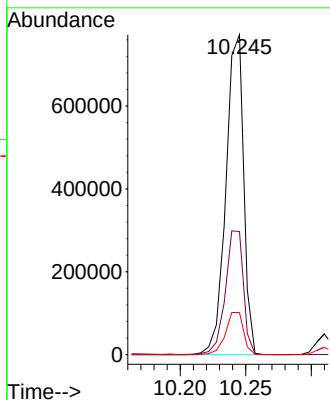
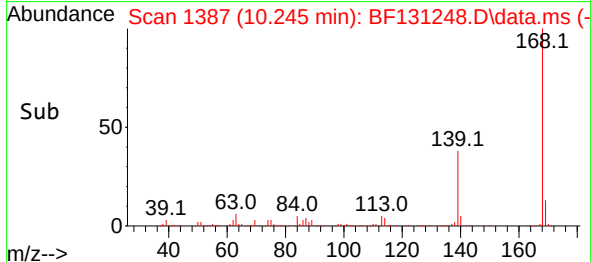
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion:168 Resp: 727310
Ion Ratio Lower Upper
168 100
139 38.5 32.9 49.3
169 13.1 10.8 16.2

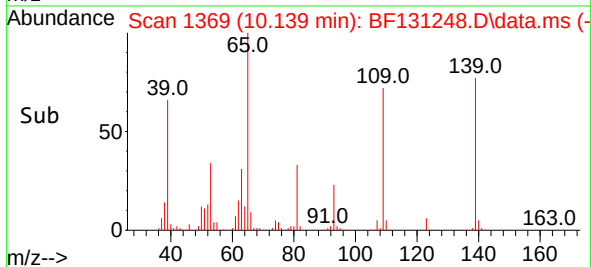
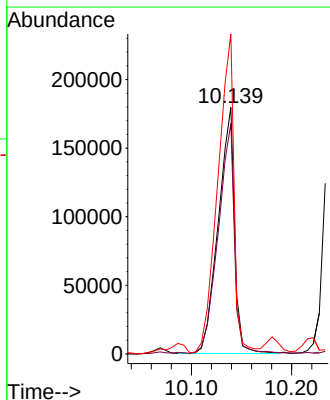
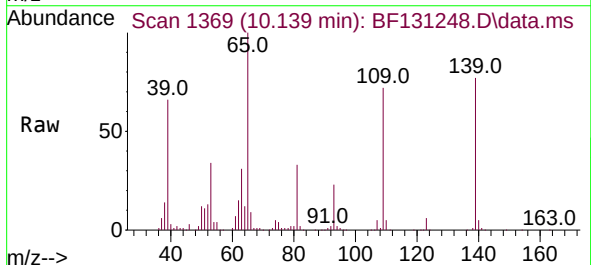
Manual Integrations
APPROVED

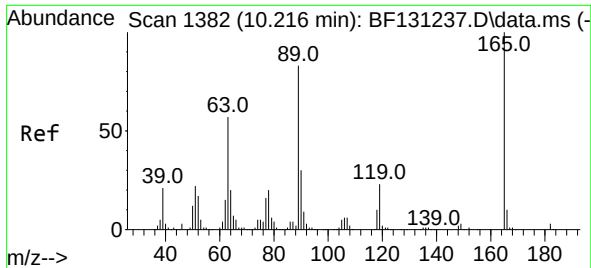
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 83.745 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:139 Resp: 202507
Ion Ratio Lower Upper
139 100
109 93.5 68.1 108.1
65 129.8 101.6 141.6





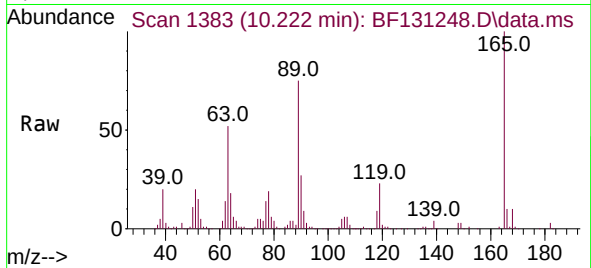
#57
2,4-Dinitrotoluene
Concen: 45.016 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

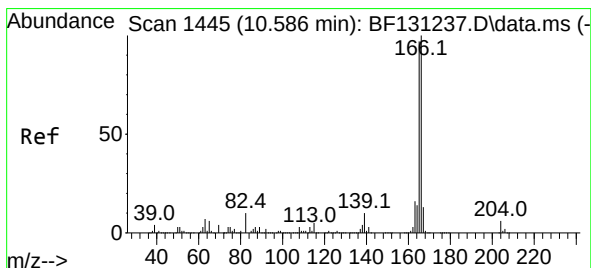
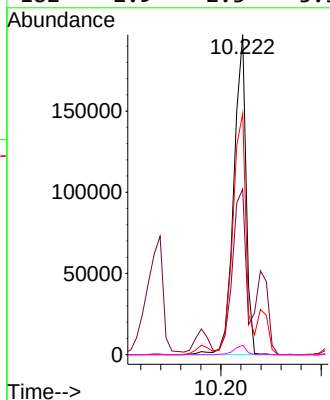
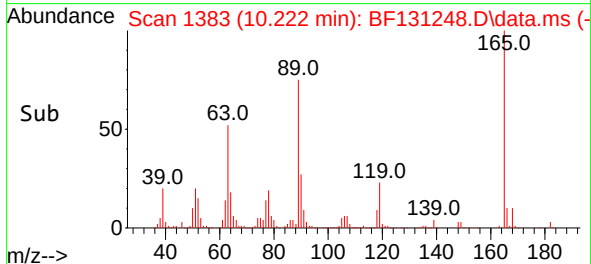


Tgt Ion:165 Resp: 167402
Ion Ratio Lower Upper
165 100
63 51.7 46.0 69.0
89 75.4 66.2 99.4
182 2.9 2.3 3.5

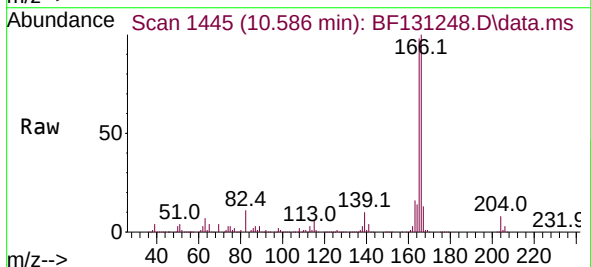
Manual Integrations

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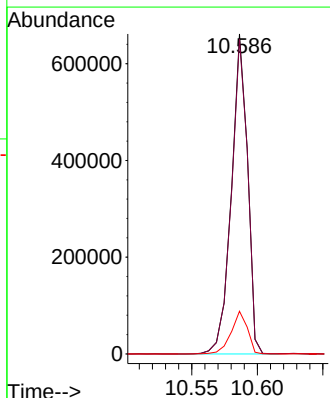
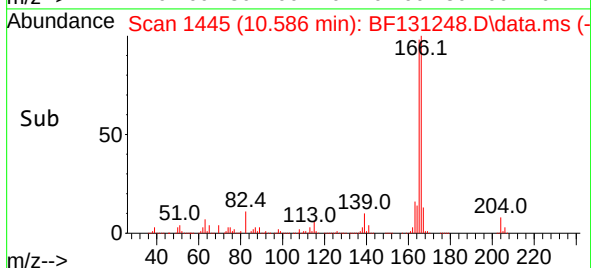
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

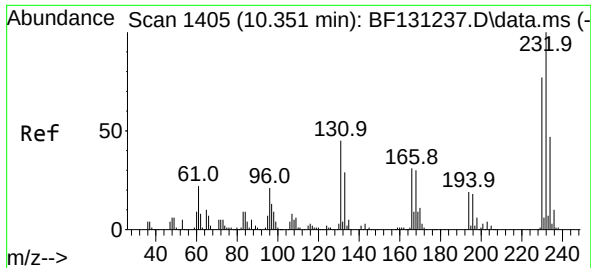


#58
Fluorene
Concen: 39.354 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:166 Resp: 565262
Ion Ratio Lower Upper
166 100
165 98.4 77.4 116.0
167 13.3 10.5 15.7





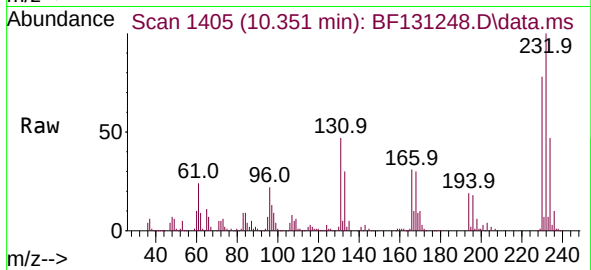
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.969 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

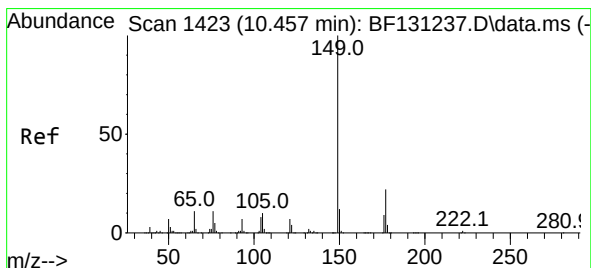
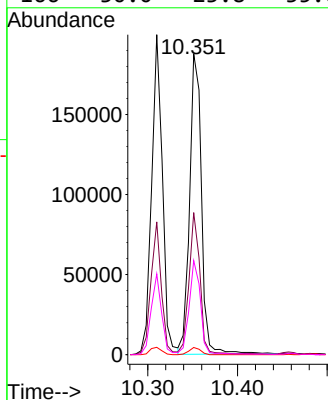
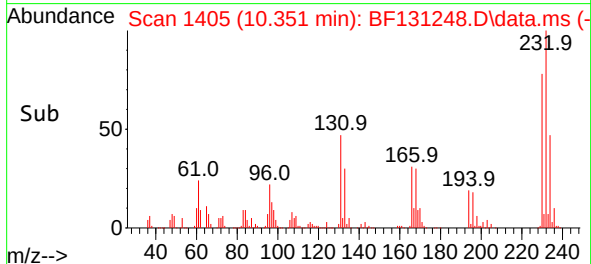


Tgt Ion:232 Resp: 172374
Ion Ratio Lower Upper
232 100
131 42.7 34.6 51.8
130 2.3 1.9 2.9
166 30.0 23.8 35.6

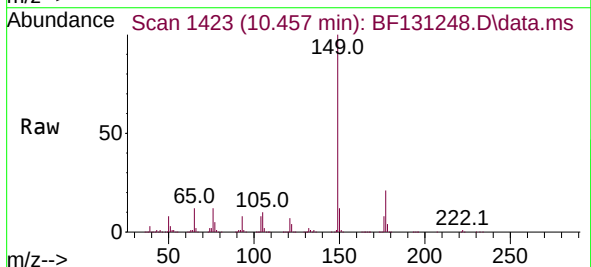
Manual Integrations

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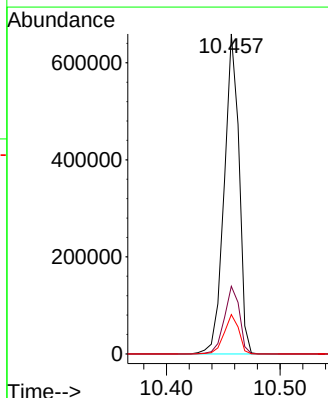
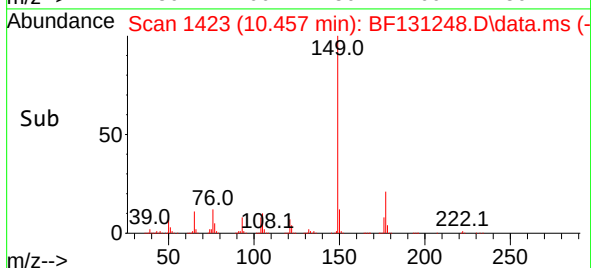
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

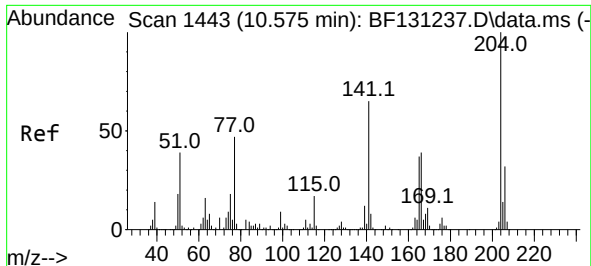


#60
Diethylphthalate
Concen: 40.979 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



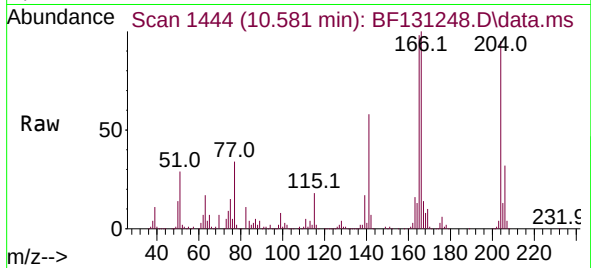
Tgt Ion:149 Resp: 595334
Ion Ratio Lower Upper
149 100
177 21.1 17.9 26.9
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 40.457 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

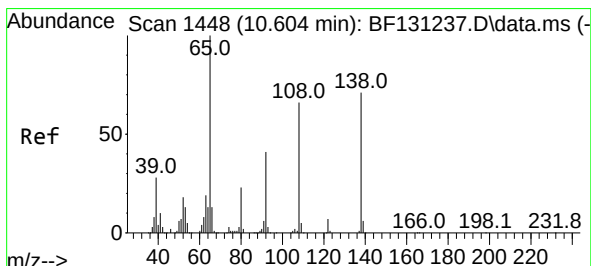
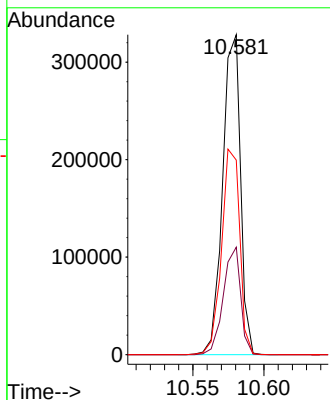
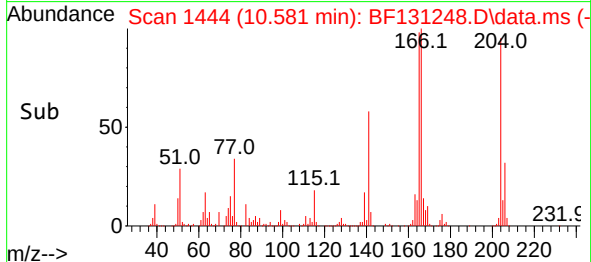
Instrument :
BNA_F
ClientSampleId :
PB148960BS



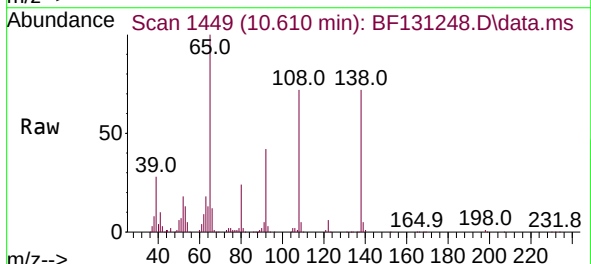
Tgt Ion:204 Resp: 287331
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 60.8 52.1 78.1

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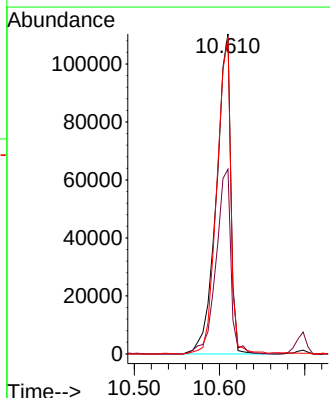
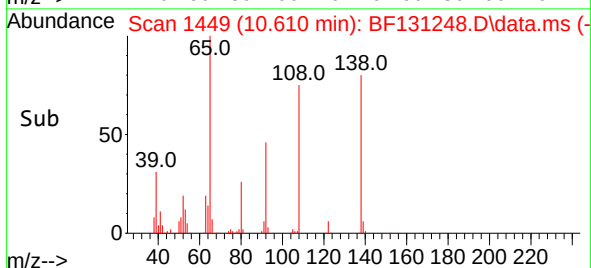
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

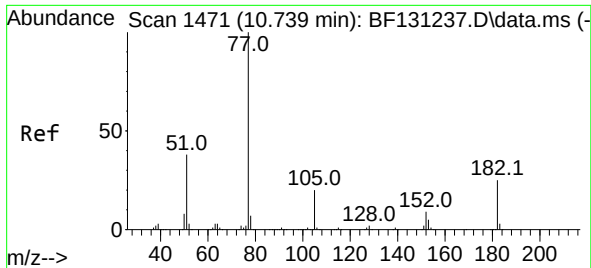


#62
4-Nitroaniline
Concen: 41.065 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



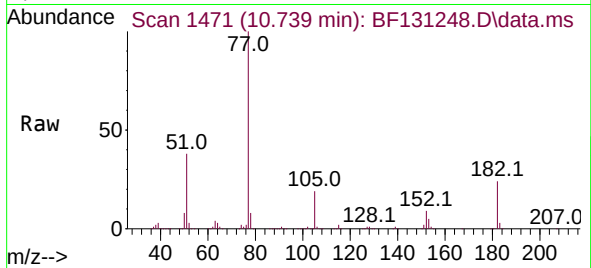
Tgt Ion:138 Resp: 129277
Ion Ratio Lower Upper
138 100
92 57.7 37.6 77.6
108 99.0 73.2 113.2





#63
Azobenzene
Concen: 39.948 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

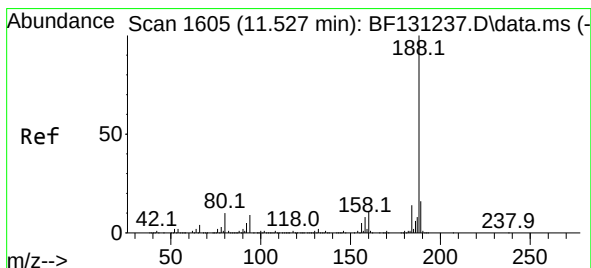
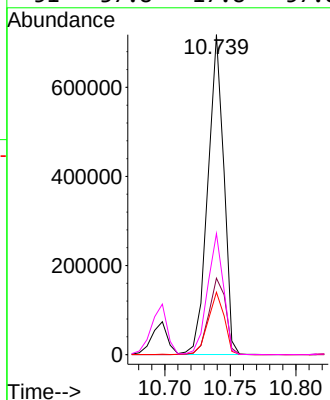
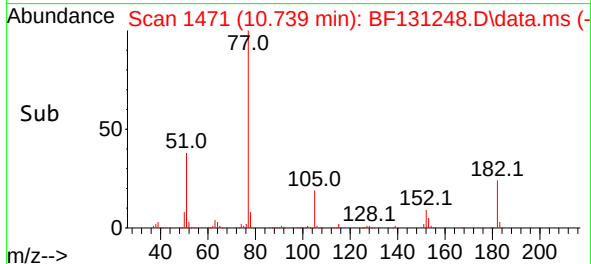
Instrument :
BNA_F
ClientSampleId :
PB148960BS



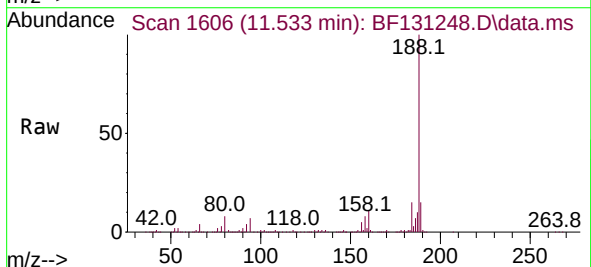
Tgt Ion: 77 Resp: 607623
Ion Ratio Lower Upper
77 100
182 23.9 5.0 45.0
105 19.5 0.1 40.1
51 37.8 17.8 57.8

Manual Integrations
APPROVED

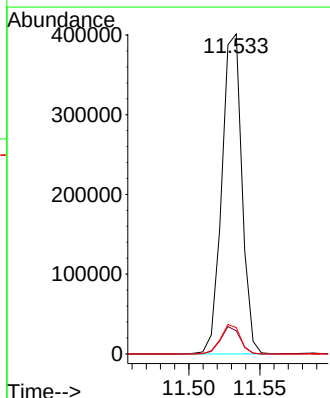
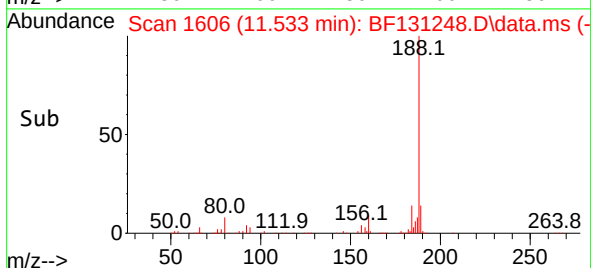
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

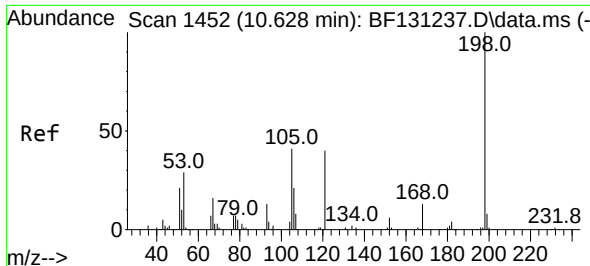


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1606
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:188 Resp: 394794
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 8.2 8.0 12.0





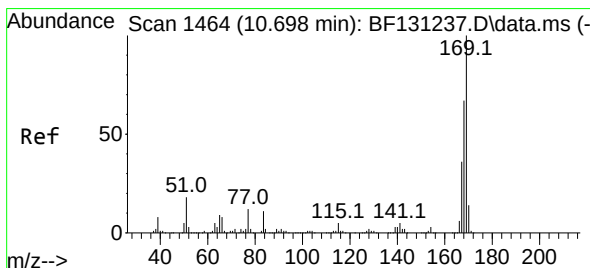
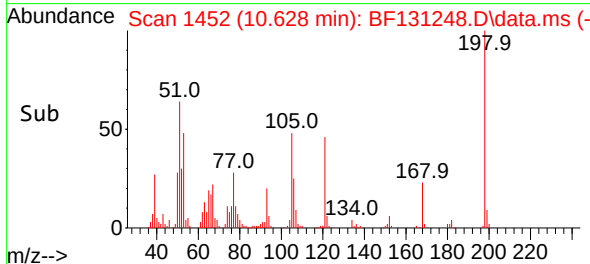
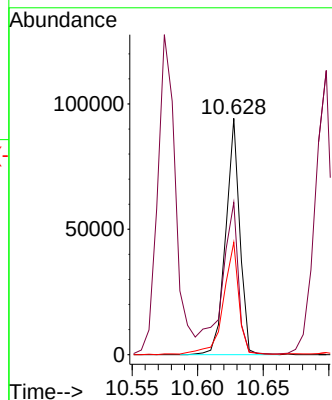
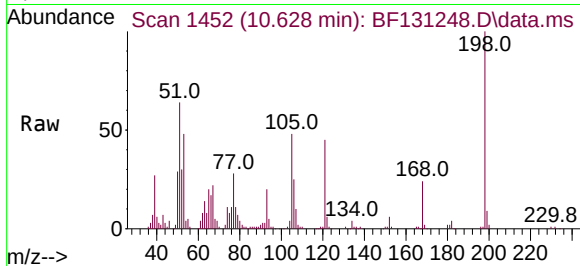
#65
4,6-Dinitro-2-methylphenol
Concen: 41.014 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
PB148960BS

Tgt Ion:198 Resp: 70355
Ion Ratio Lower Upper
198 100
51 64.4 29.4 69.4
105 47.5 22.2 62.2

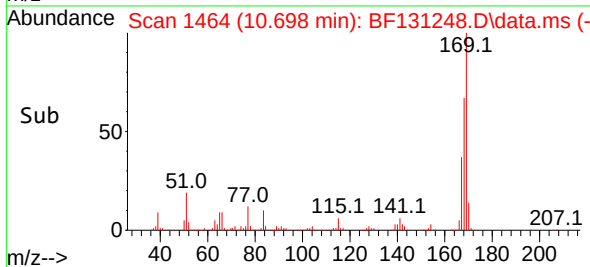
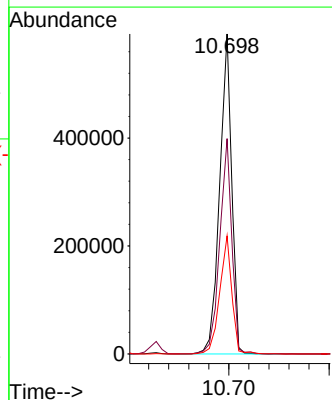
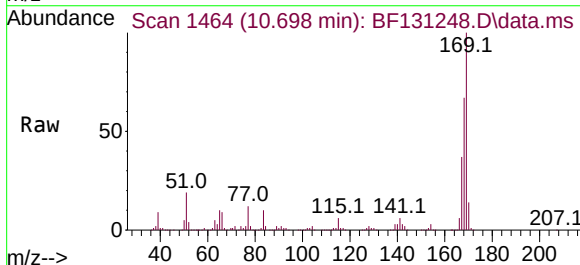
Manual Integrations
APPROVED

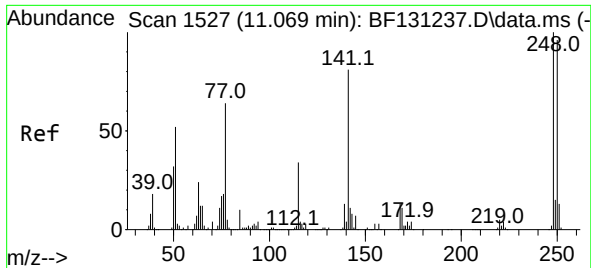
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 39.690 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

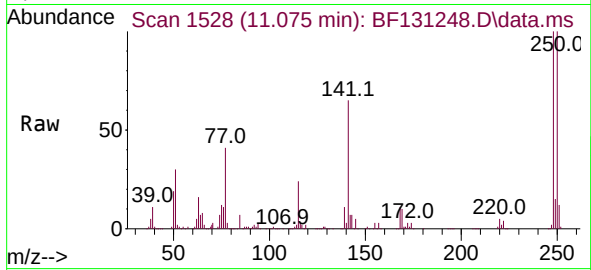
Tgt Ion:169 Resp: 497825
Ion Ratio Lower Upper
169 100
168 67.3 53.4 80.0
167 36.9 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.976 ng
RT: 11.075 min Scan# 1528
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

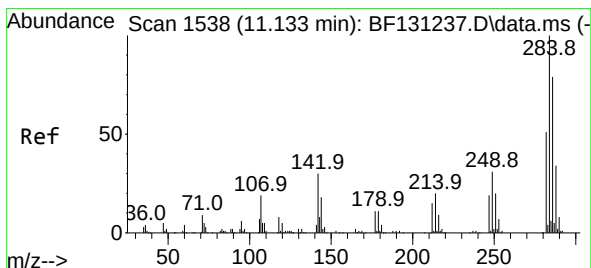
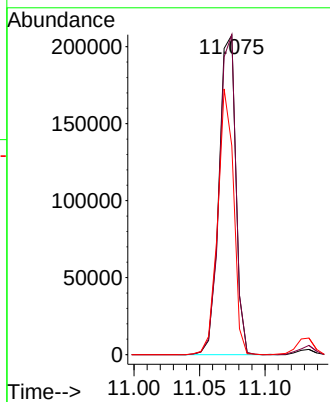
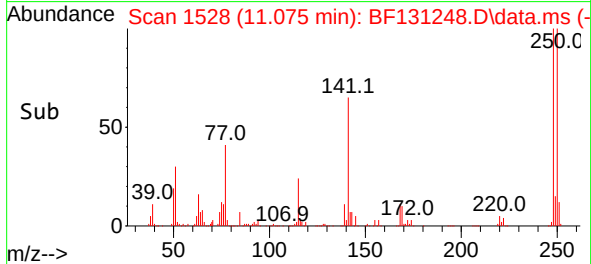
Instrument :
BNA_F
ClientSampleId :
PB148960BS



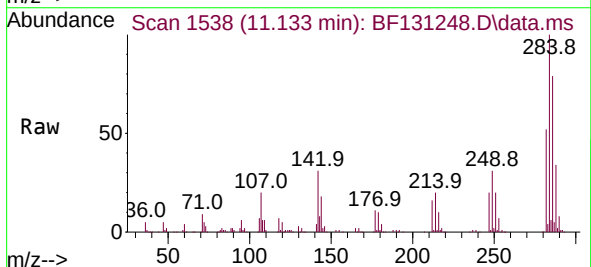
Tgt Ion:248 Resp: 185307
Ion Ratio Lower Upper
248 100
250 100.1 76.6 114.8
141 65.4 64.7 97.1

Manual Integrations
APPROVED

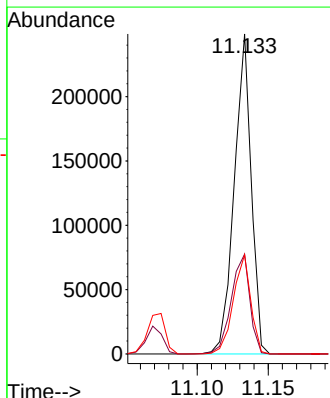
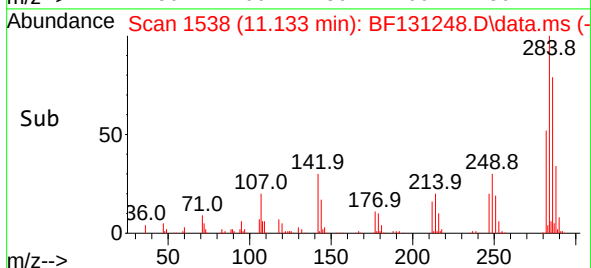
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

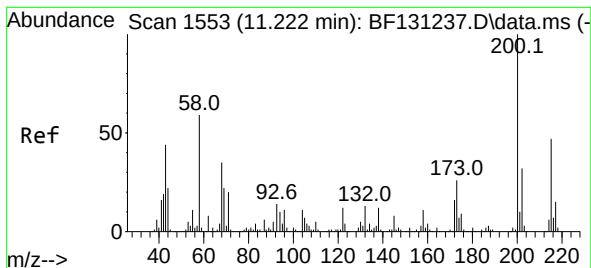


#68
Hexachlorobenzene
Concen: 41.039 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:284 Resp: 206163
Ion Ratio Lower Upper
284 100
142 31.2 24.3 36.5
249 31.0 24.8 37.2





#69

Atrazine

Concen: 44.279 ng

RT: 11.228 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

Tgt Ion:200 Resp: 182049

Ion Ratio Lower Upper

200 100

173 25.4 6.4 46.4

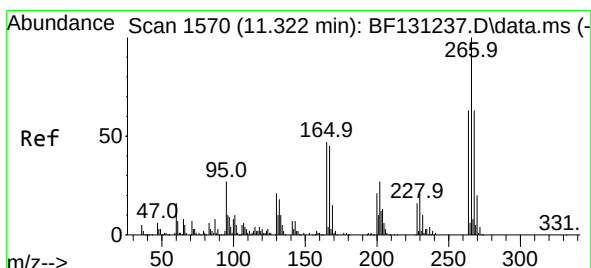
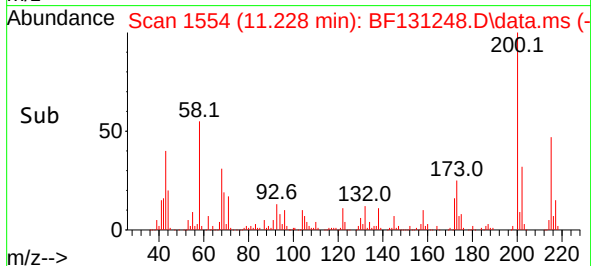
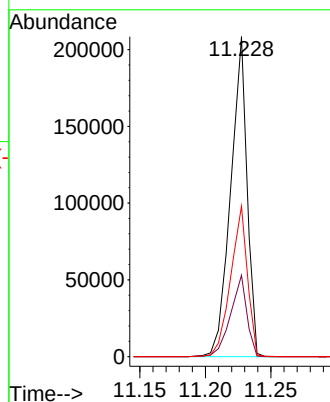
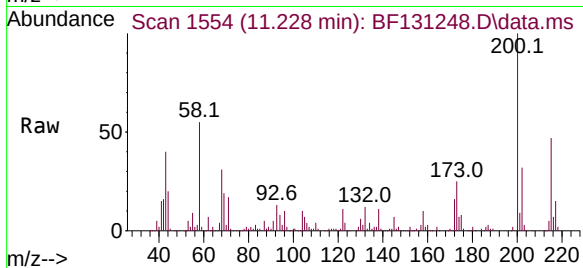
215 47.0 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#70

Pentachlorophenol

Concen: 83.774 ng

RT: 11.328 min Scan# 1571

Delta R.T. 0.006 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

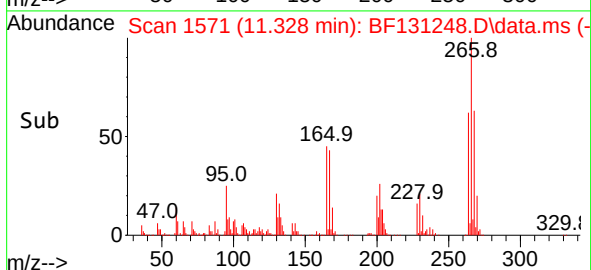
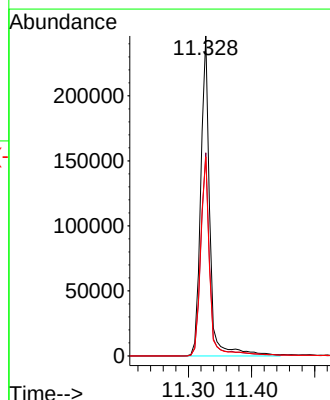
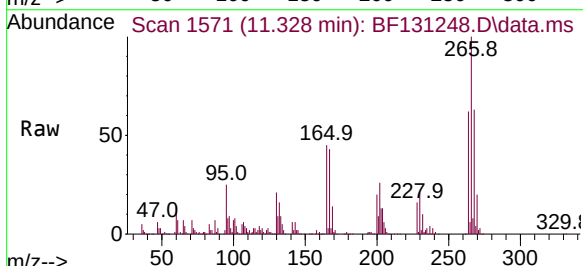
Tgt Ion:266 Resp: 245636

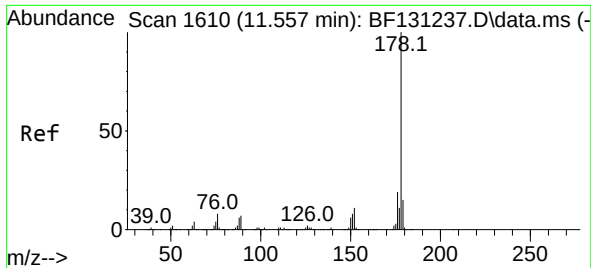
Ion Ratio Lower Upper

266 100

268 63.5 50.5 75.7

264 62.2 50.4 75.6





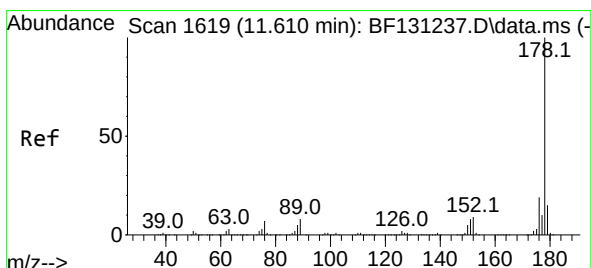
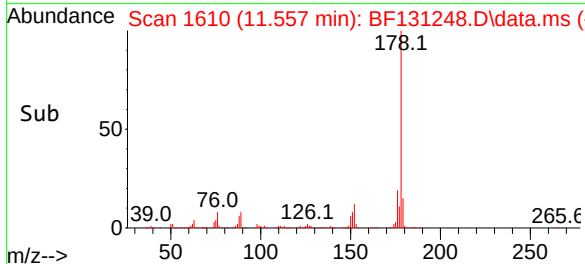
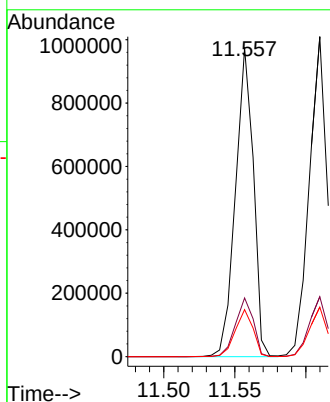
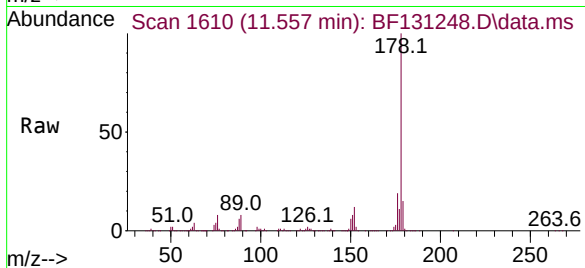
#71
Phenanthrene
Concen: 39.096 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :
BNA_F
ClientSampleId :
PB148960BS

Tgt Ion:178 Resp: 851814
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.2 12.1 18.1

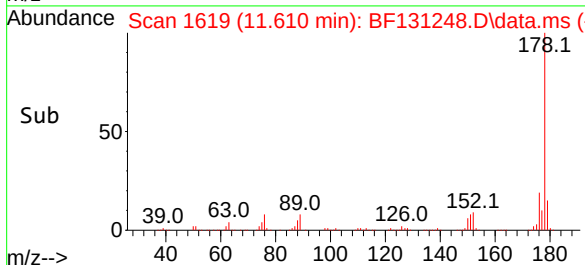
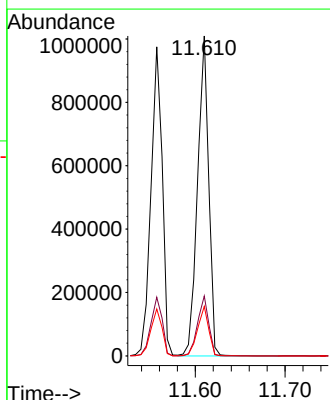
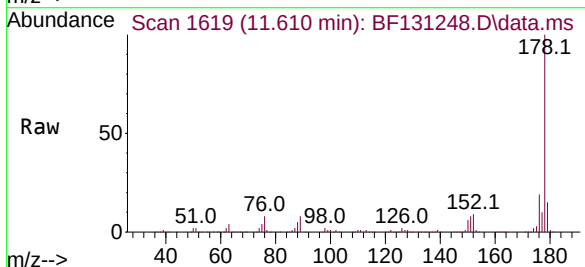
Manual Integrations
APPROVED

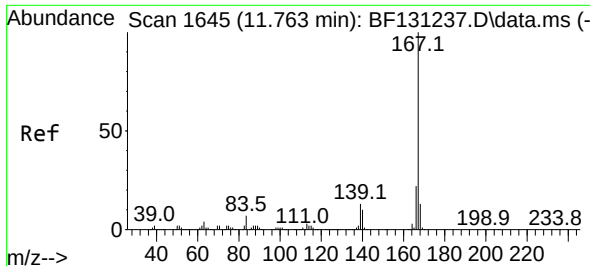
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#72
Anthracene
Concen: 40.992 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

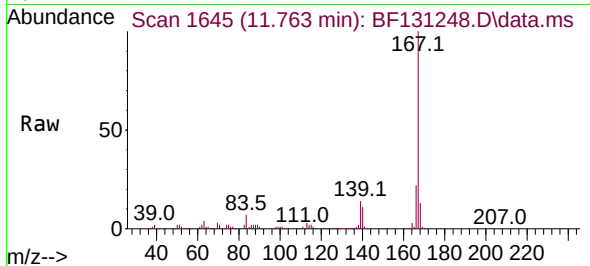
Tgt Ion:178 Resp: 872485
Ion Ratio Lower Upper
178 100
176 18.7 15.2 22.8
179 15.5 12.2 18.2





#73
 Carbazole
 Concen: 40.679 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44

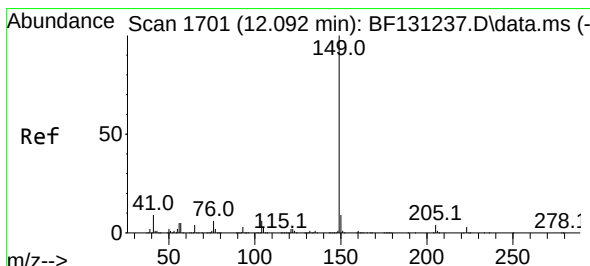
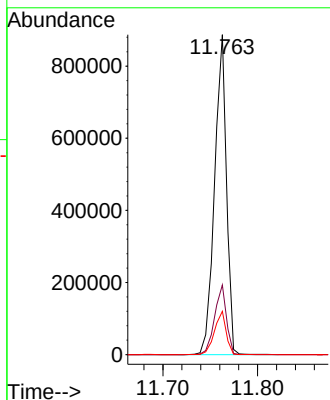
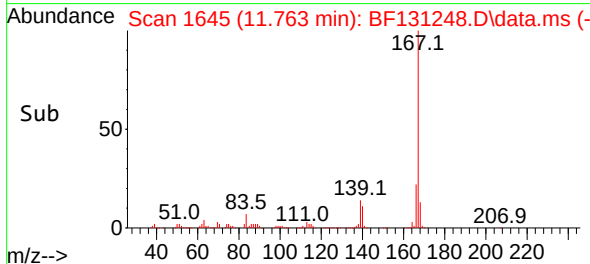
Instrument :
 BNA_F
 ClientSampleId :
 PB148960BS



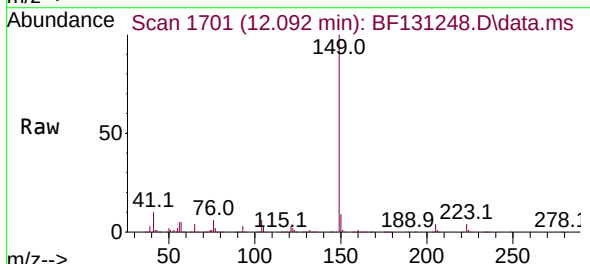
Tgt Ion:167 Resp: 775020
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.3 25.9
 139 13.5 10.3 15.5

Manual Integrations
 APPROVED

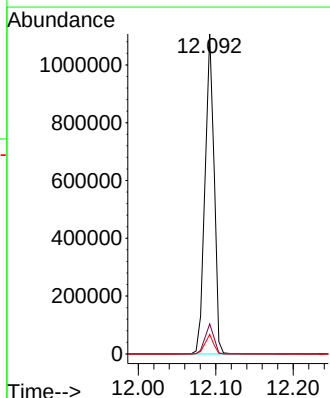
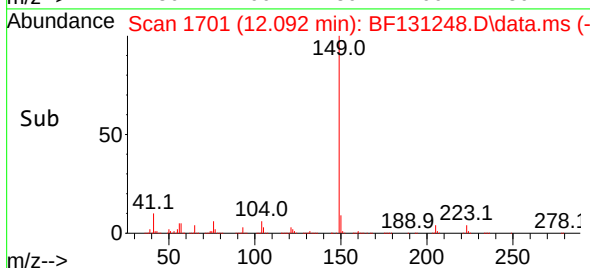
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

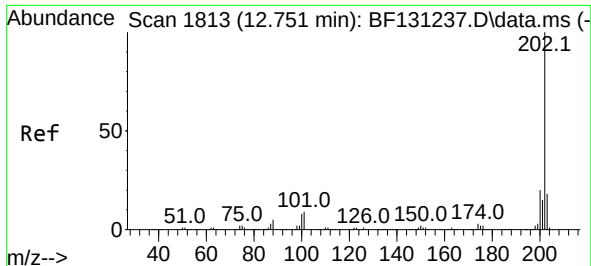


#74
 Di-n-butylphthalate
 Concen: 40.535 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44



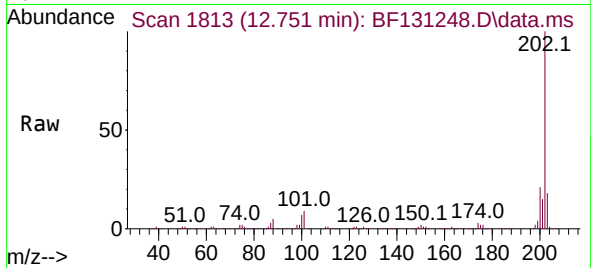
Tgt Ion:149 Resp: 898772
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 6.1 4.5 6.7





#75
Fluoranthene
Concen: 39.723 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

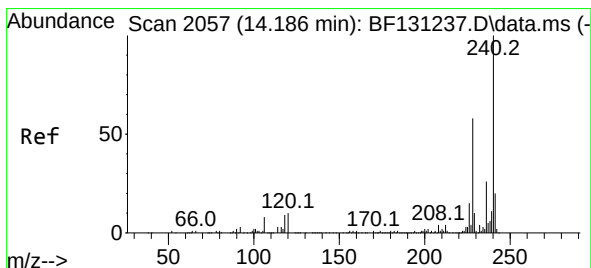
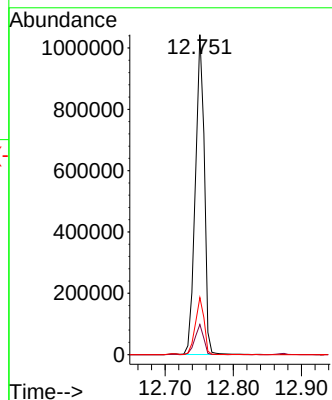
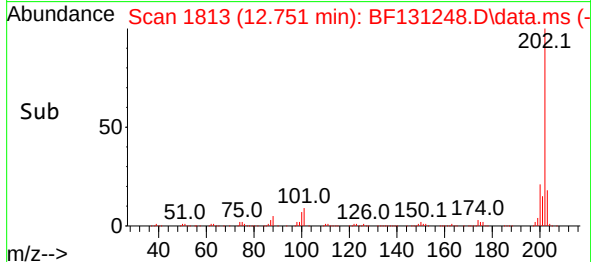
Instrument :
BNA_F
ClientSampleId :
PB148960BS



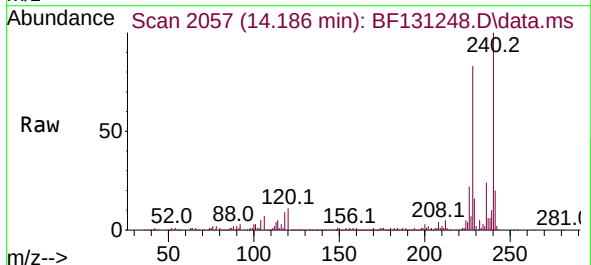
Tgt Ion:202 Resp: 954518
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.4
203 17.8 0.0 37.7

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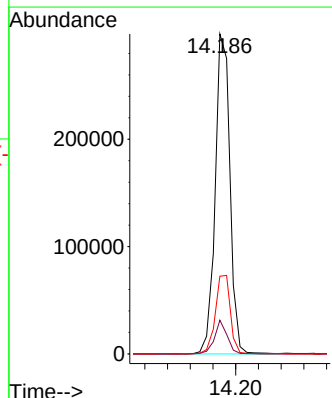
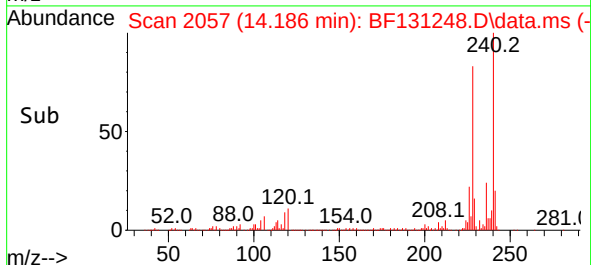
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

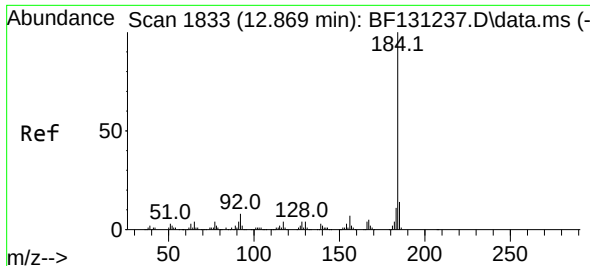


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



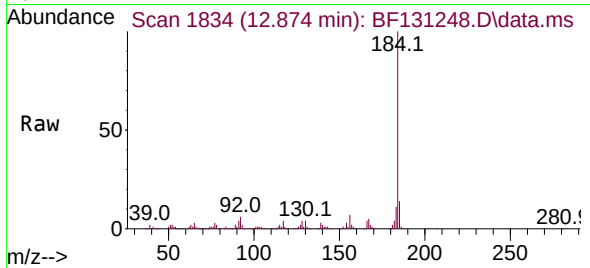
Tgt Ion:240 Resp: 268817
Ion Ratio Lower Upper
240 100
120 10.5 7.8 11.6
236 24.3 20.6 31.0





#77
Benzidine
Concen: 68.230 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.005 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

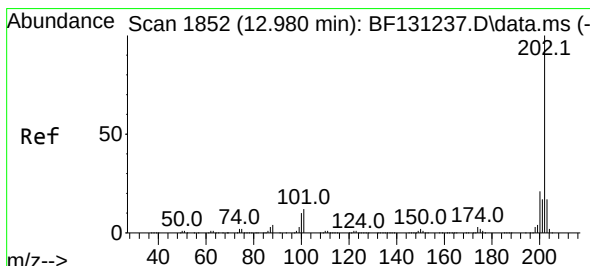
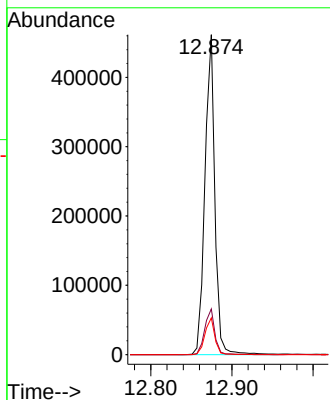
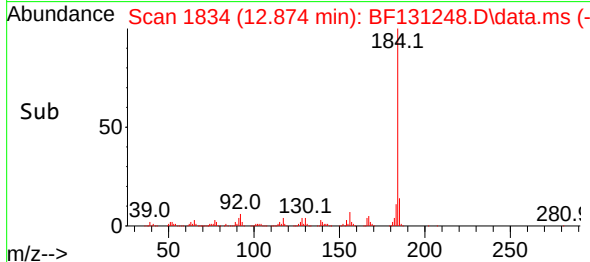
Instrument :
BNA_F
ClientSampleId :
PB148960BS



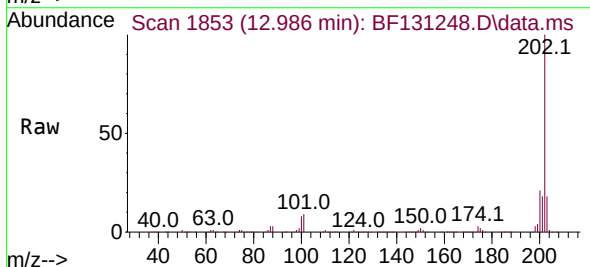
Tgt Ion:184 Resp: 393051
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.2
183 11.5 9.0 13.4

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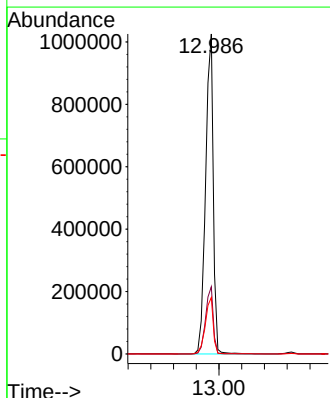
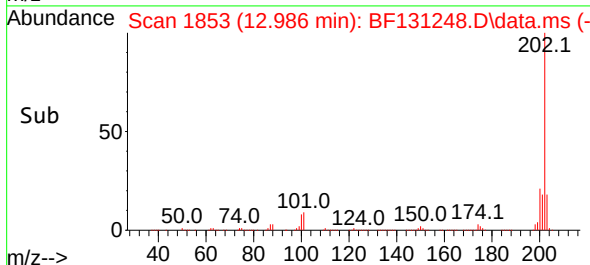
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

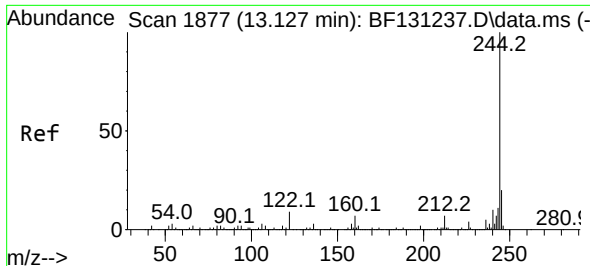


#78
Pyrene
Concen: 41.591 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:202 Resp: 963760
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.7 14.0 21.0





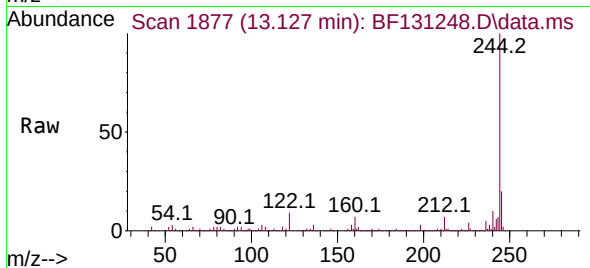
#79
 Terphenyl-d14
 Concen: 92.059 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

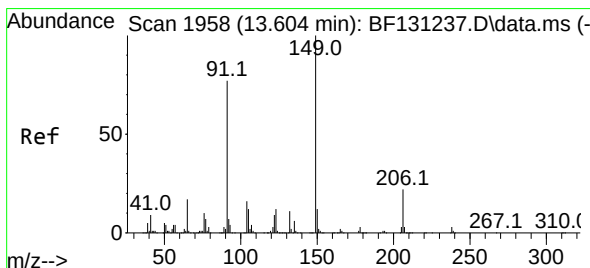
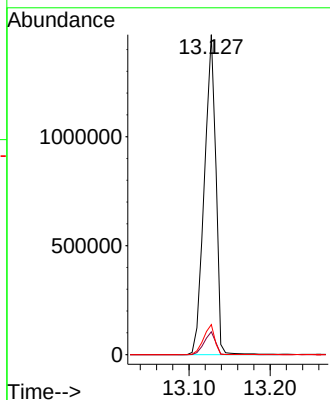
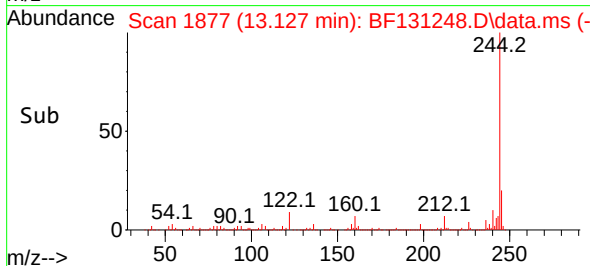


Tgt Ion:244 Resp: 1441066
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 9.4 7.4 11.2

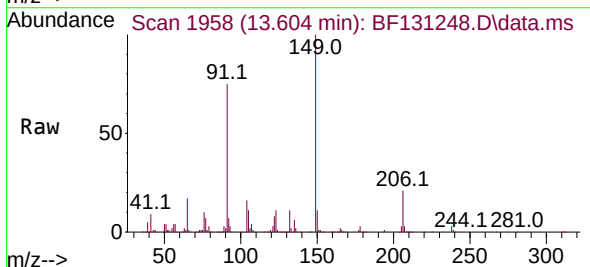
Manual Integrations

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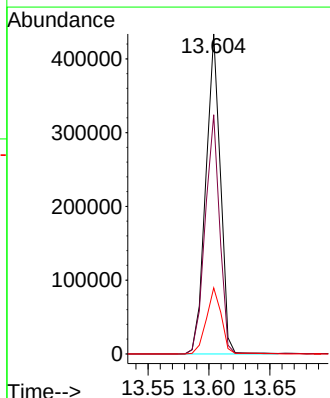
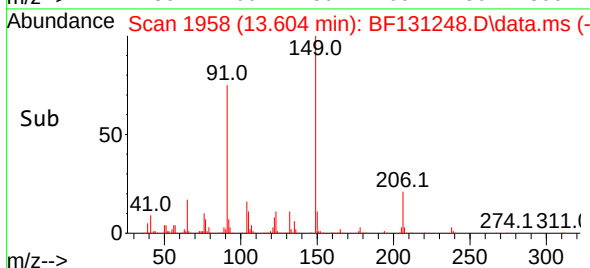
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

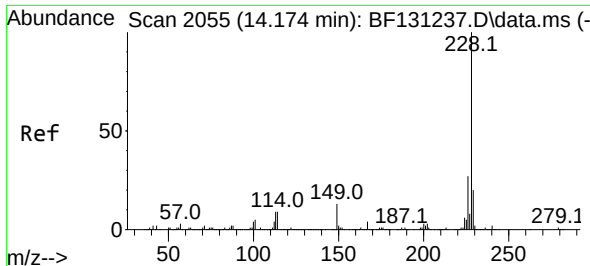


#80
 Butylbenzylphthalate
 Concen: 46.054 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BF131248.D
 Acq: 15 Nov 2022 23:44



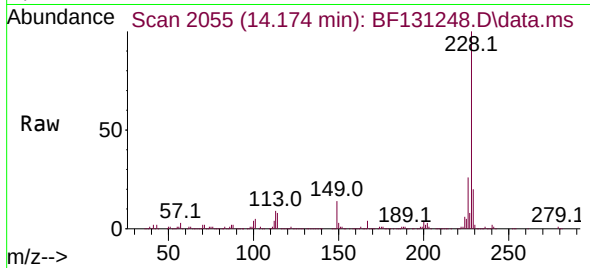
Tgt Ion:149 Resp: 361674
 Ion Ratio Lower Upper
 149 100
 91 74.7 61.5 92.3
 206 20.6 17.4 26.2





#81
Benzo(a)anthracene
Concen: 40.561 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

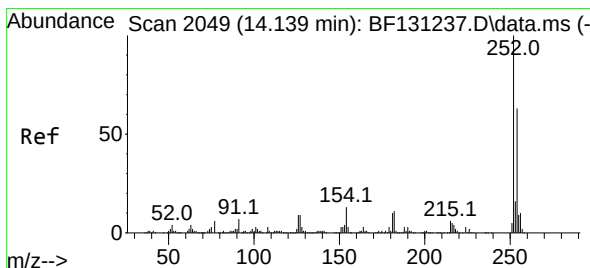
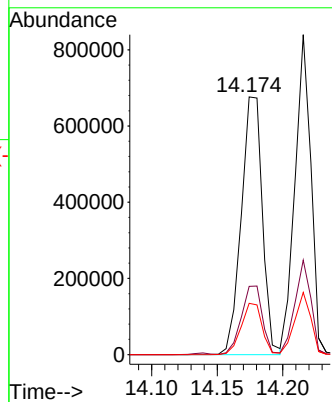
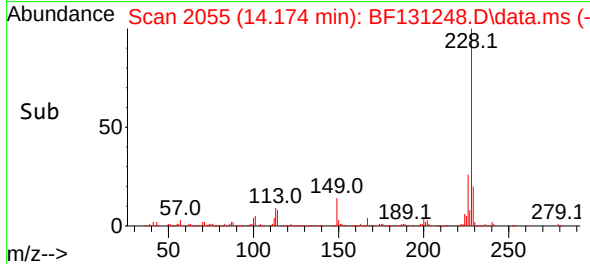
Instrument :
BNA_F
ClientSampleId :
PB148960BS



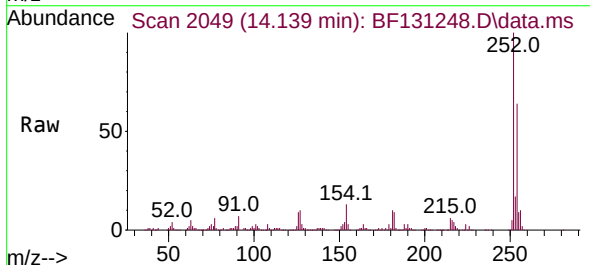
Tgt Ion:228 Resp: 757764
Ion Ratio Lower Upper
228 100
226 26.5 21.3 31.9
229 19.9 15.8 23.6

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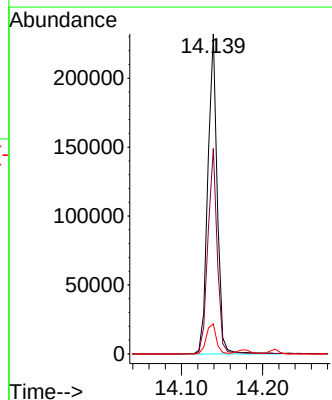
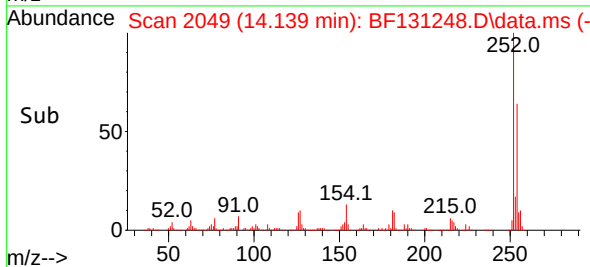
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

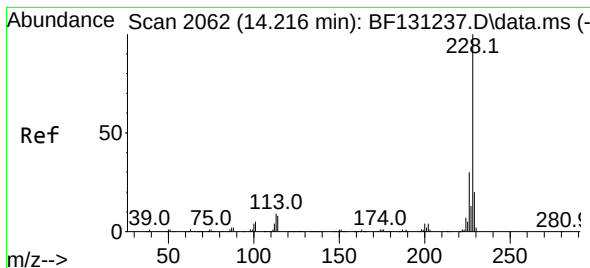


#82
3,3'-Dichlorobenzidine
Concen: 34.254 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:252 Resp: 187253
Ion Ratio Lower Upper
252 100
254 64.2 50.2 75.4
126 9.4 7.4 11.2





#83

Chrysene

Concen: 39.285 ng

RT: 14.216 min Scan# 2062

Delta R.T. 0.000 min

Lab File: BF131248.D

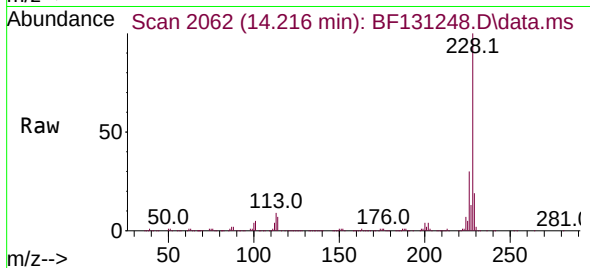
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS



Tgt Ion:228 Resp: 714979

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.6

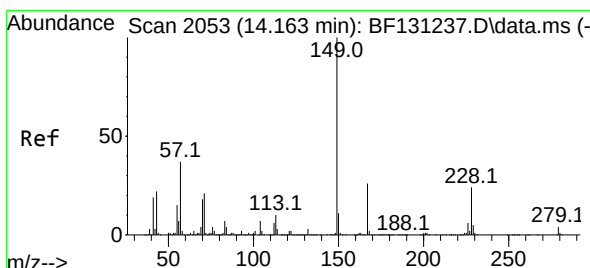
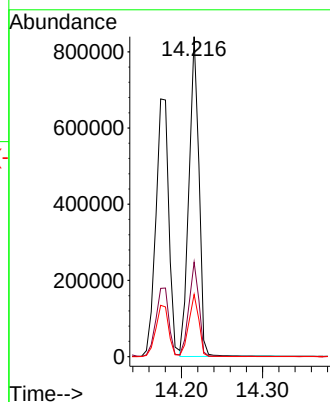
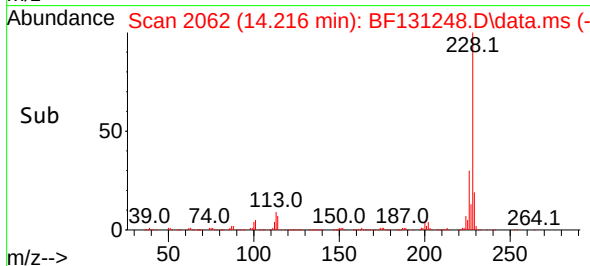
229 19.4 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.246 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BF131248.D

Acq: 15 Nov 2022 23:44

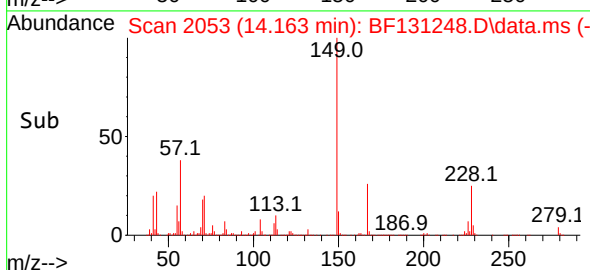
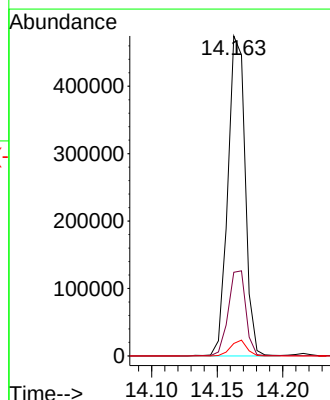
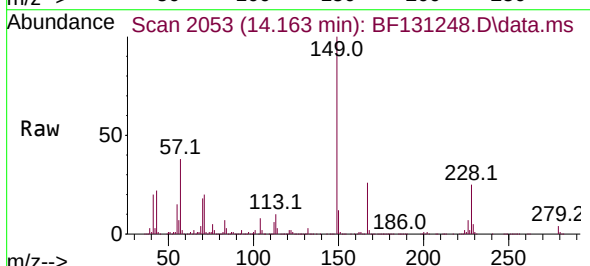
Tgt Ion:149 Resp: 437009

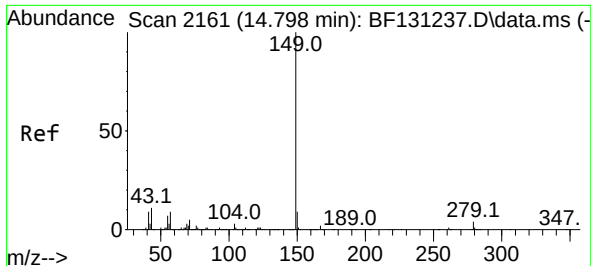
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

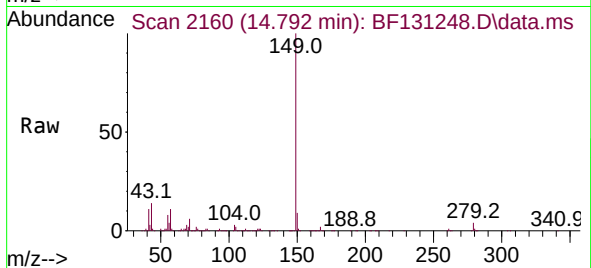
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 44.437 ng
RT: 14.792 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

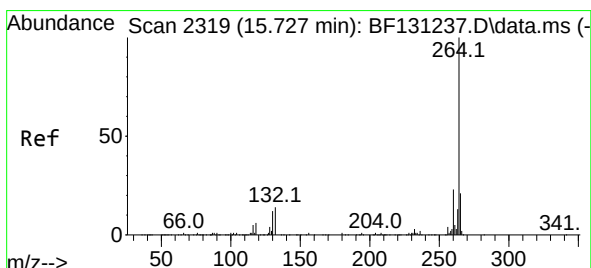
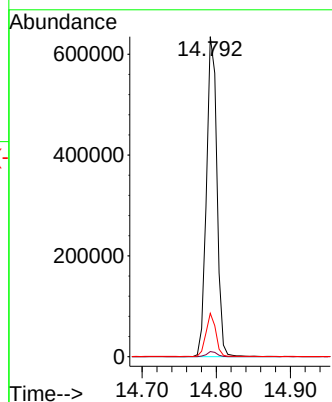
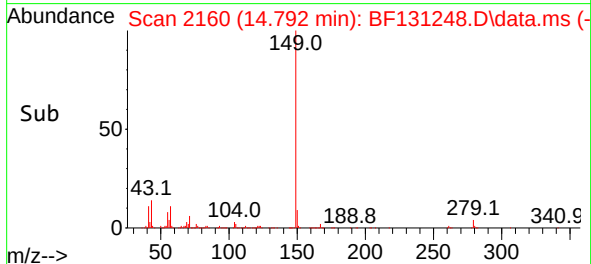
Instrument :
BNA_F
ClientSampleId :
PB148960BS



Tgt Ion:149 Resp: 620212
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.7 10.1 15.1

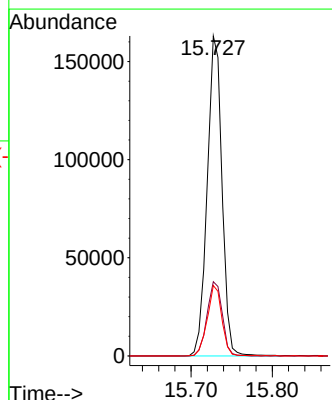
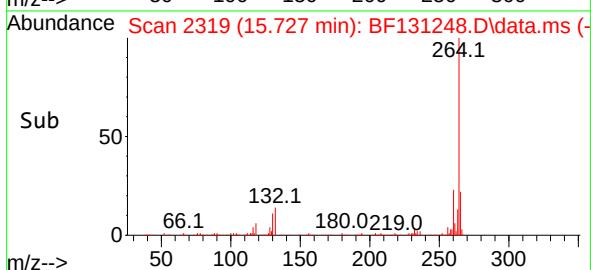
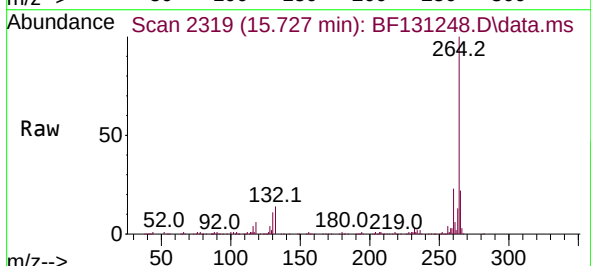
Manual Integrations
APPROVED

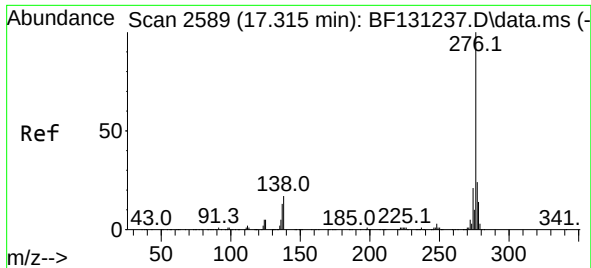
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Tgt Ion:264 Resp: 206638
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 22.0 16.6 24.8





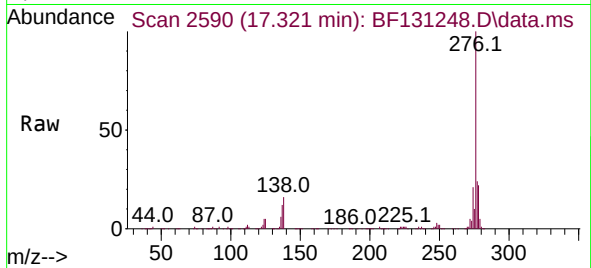
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.542 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

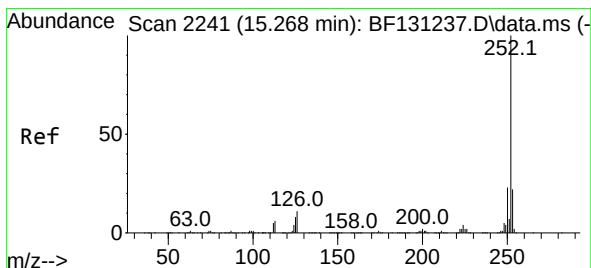
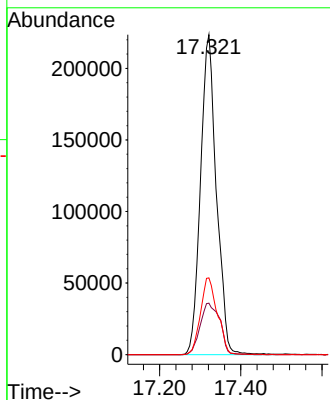
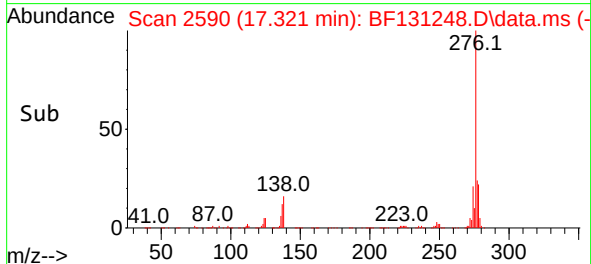


Tgt Ion:276 Resp: 608054
Ion Ratio Lower Upper
276 100
138 19.9 16.6 24.8
277 25.5 20.2 30.2

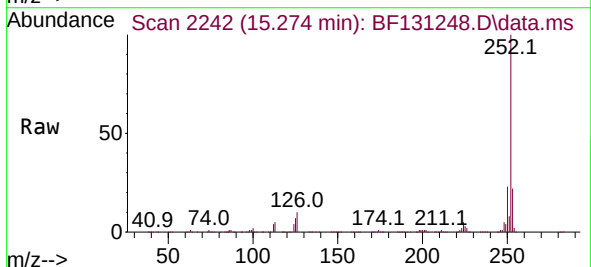
Manual Integrations

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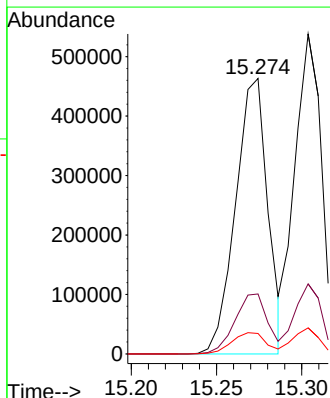
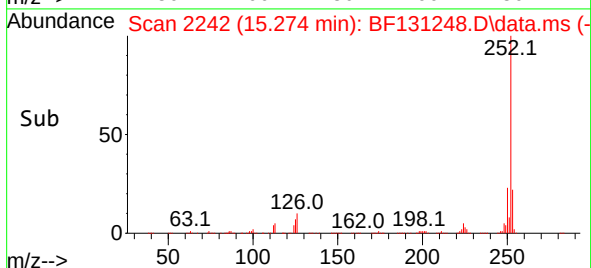
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

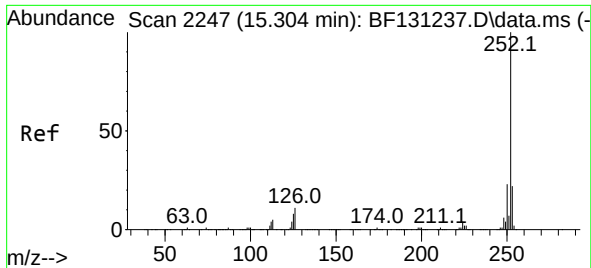


#88
Benzo(b)fluoranthene
Concen: 42.229 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



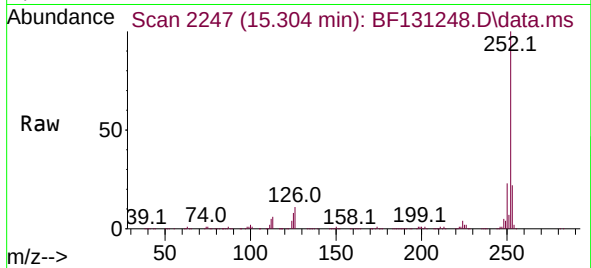
Tgt Ion:252 Resp: 609242
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 7.4 6.6 9.8





#89
Benzo(k)fluoranthene
Concen: 41.433 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

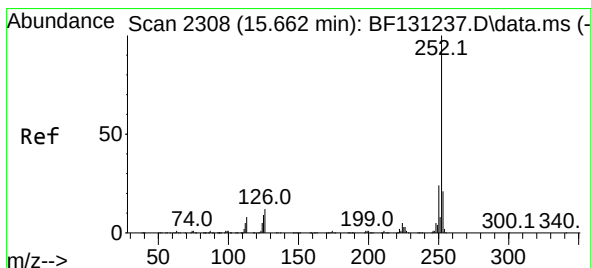
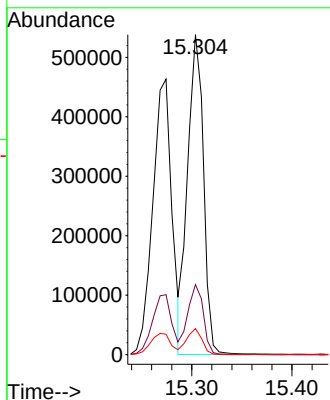
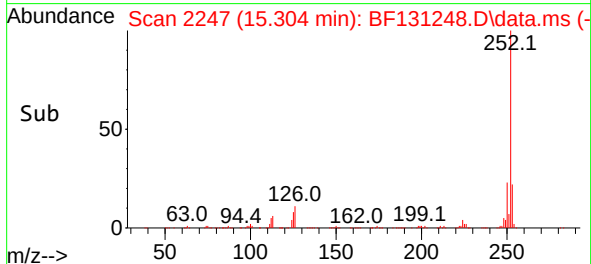
Instrument :
BNA_F
ClientSampleId :
PB148960BS



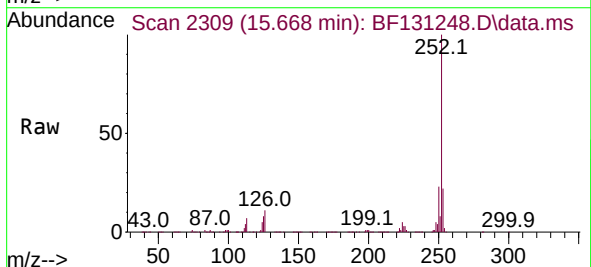
Tgt Ion:252 Resp: 59258
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.1 6.6 9.8

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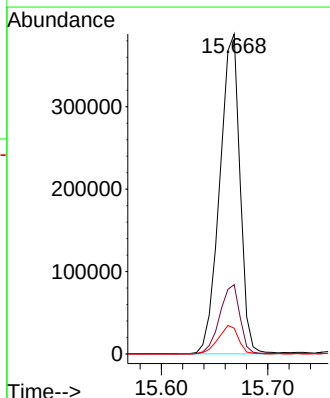
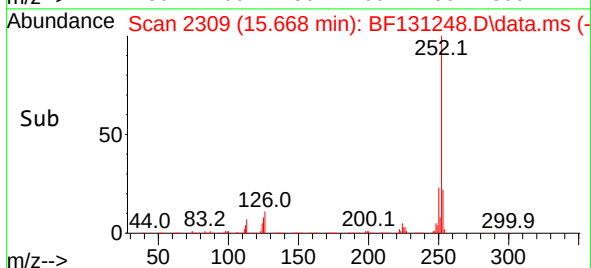
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

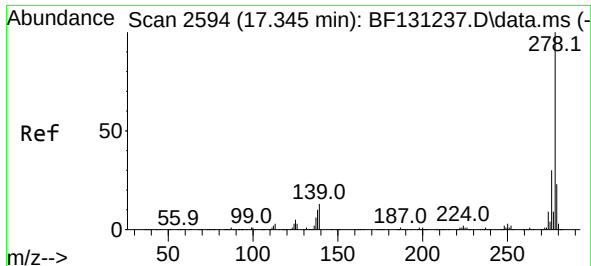


#90
Benzo(a)pyrene
Concen: 44.507 ng
RT: 15.668 min Scan# 2309
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:252 Resp: 513285
Ion Ratio Lower Upper
252 100
253 21.6 16.9 25.3
125 8.0 7.0 10.4





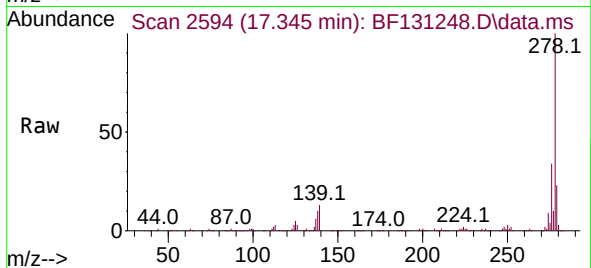
#91
Dibenzo(a,h)anthracene
Concen: 45.900 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44

Instrument :

BNA_F

ClientSampleId :

PB148960BS

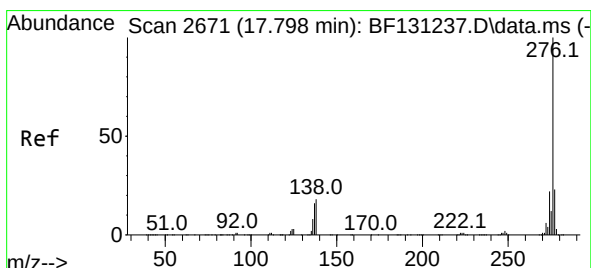
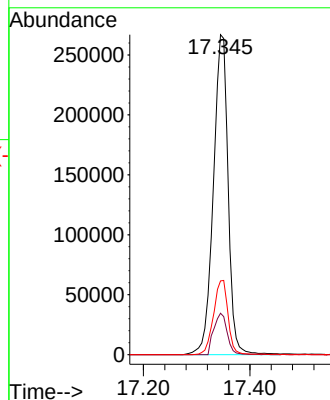
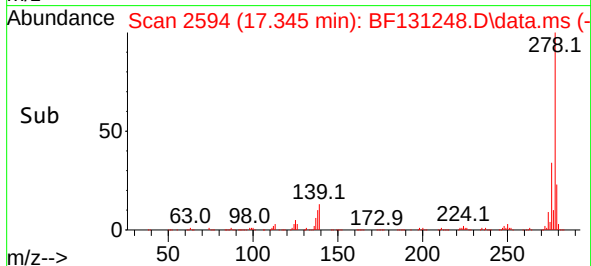


Tgt Ion:278 Resp: 514074
Ion Ratio Lower Upper
278 100
139 12.9 10.1 15.1
279 23.0 18.2 27.4

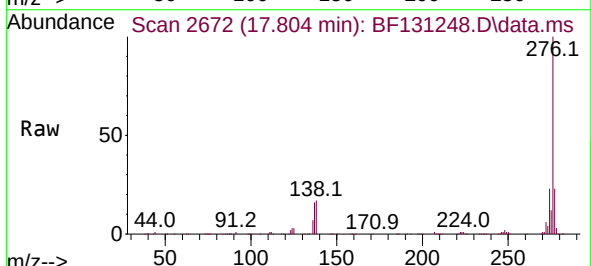
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 41.368 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.006 min
Lab File: BF131248.D
Acq: 15 Nov 2022 23:44



Tgt Ion:276 Resp: 511727
Ion Ratio Lower Upper
276 100
277 23.3 18.6 27.8
138 17.2 14.5 21.7

