

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
 Data File : BF131249.D
 Acq On : 16 Nov 2022 00:14
 Operator : CG\JU
 Sample : PB148960BSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148960BSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 16 07:06:03 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	95560	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	345697	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	198671	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	367887	20.000	ng	0.00
76) Chrysene-d12	14.186	240	263122	20.000	ng	0.00
86) Perylene-d12	15.727	264	204327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	492936	91.343	ng	0.01
7) Phenol-d6	6.593	99	613537	89.762	ng	0.00
23) Nitrobenzene-d5	7.545	82	593696	96.397	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	171563	90.405	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1103396	81.276	ng	0.00
79) Terphenyl-d14	13.127	244	1369833	89.402	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.852	88	84267	34.083	ng	97
3) Pyridine	3.605	79	236085	33.783	ng	97
4) n-Nitrosodimethylamine	3.575	42	173556	42.609	ng	97
6) Aniline	6.640	93	331623m	38.680	ng	
8) 2-Chlorophenol	6.757	128	269041	44.350	ng	96
9) Benzaldehyde	6.528	77	168495	33.984	ng	97
10) Phenol	6.604	94	323964	42.368	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	253646	42.366	ng	98
12) 1,3-Dichlorobenzene	6.916	146	283062	41.245	ng	100
13) 1,4-Dichlorobenzene	6.993	146	285559	41.142	ng	100
14) 1,2-Dichlorobenzene	7.145	146	277458	43.251	ng	99
15) Benzyl Alcohol	7.116	79	250091m	42.123	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	484212	42.939	ng	99
17) 2-Methylphenol	7.222	107	219579	42.398	ng	98
18) Hexachloroethane	7.492	117	107337	42.539	ng	98
19) n-Nitroso-di-n-propyla...	7.393	70	196729	41.305	ng	99
20) 3+4-Methylphenols	7.375	107	275635	41.146	ng	92
22) Acetophenone	7.387	105	381629	42.350	ng	98
24) Nitrobenzene	7.563	77	298705	44.926	ng	99
25) Isophorone	7.804	82	538828	43.793	ng	99
26) 2-Nitrophenol	7.881	139	122563	46.182	ng	98
27) 2,4-Dimethylphenol	7.910	122	243083	48.267	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	307801	44.371	ng	98
29) 2,4-Dichlorophenol	8.116	162	227324	41.739	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	256562	40.178	ng	99
31) Naphthalene	8.292	128	741021	39.565	ng	99
32) Benzoic acid	8.022	122	155162	43.337	ng	96
33) 4-Chloroaniline	8.334	127	184894	25.078	ng	96
34) Hexachlorobutadiene	8.404	225	163923	40.560	ng	99
35) Caprolactam	8.710	113	71700m	44.548	ng	
36) 4-Chloro-3-methylphenol	8.810	107	246387	42.978	ng	94
37) 2-Methylnaphthalene	8.987	142	497420	39.878	ng	100
38) 1-Methylnaphthalene	9.087	142	469284	38.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	259667	40.594	ng	99
41) Hexachlorocyclopentadiene	9.139	237	333829	101.822	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	162216	38.789	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	188558	42.015	ng	98
46) 1,1'-Biphenyl	9.451	154	620195	40.608	ng	99
47) 2-Chloronaphthalene	9.475	162	494268	39.950	ng	100
48) 2-Nitroaniline	9.569	65	173827	44.140	ng	96
49) Acenaphthylene	9.898	152	756392	40.036	ng	99
50) Dimethylphthalate	9.757	163	571549	40.176	ng	99
51) 2,6-Dinitrotoluene	9.816	165	121284	43.743	ng	93
52) Acenaphthene	10.069	154	514657	43.642	ng	99
53) 3-Nitroaniline	9.981	138	86852	30.218	ng	97
54) 2,4-Dinitrophenol	10.086	184	106596	83.083	ng	# 81
55) Dibenzofuran	10.245	168	670610	39.690	ng	98
56) 4-Nitrophenol	10.139	139	193155	86.292	ng	96
57) 2,4-Dinitrotoluene	10.222	165	155085	45.050	ng	91
58) Fluorene	10.586	166	525044	39.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.351	232	158506	41.692	ng	99
60) Diethylphthalate	10.457	149	542873	40.369	ng	99
61) 4-Chlorophenyl-phenylether	10.581	204	269682	41.021	ng	94
62) 4-Nitroaniline	10.604	138	121728	41.723	ng	96
63) Azobenzene	10.739	77	560363	39.800	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	63684	40.070	ng	93
66) n-Nitrosodiphenylamine	10.698	169	461494	39.484	ng	100
67) 4-Bromophenyl-phenylether	11.069	248	171706	39.751	ng	97
68) Hexachlorobenzene	11.133	284	190683	40.734	ng	99
69) Atrazine	11.228	200	169476	44.236	ng	98
70) Pentachlorophenol	11.328	266	226741m	82.985	ng	
71) Phenanthrene	11.557	178	802053	39.504	ng	99
72) Anthracene	11.610	178	813028	40.993	ng	99
73) Carbazole	11.763	167	729797	41.107	ng	99
74) Di-n-butylphthalate	12.092	149	833096	40.321	ng	100
75) Fluoranthene	12.751	202	907834	40.544	ng	100
77) Benzidine	12.874	184	385217	68.318	ng	98
78) Pyrene	12.986	202	927363	40.886	ng	99
80) Butylbenzylphthalate	13.604	149	344886	44.867	ng	99
81) Benzo(a)anthracene	14.180	228	738414	40.380	ng	100
82) 3,3'-Dichlorobenzidine	14.139	252	187045	34.956	ng	97
83) Chrysene	14.216	228	701962	39.404	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	438998	45.410	ng	99
85) Di-n-octyl phthalate	14.792	149	639427	46.805	ng	99
87) Indeno(1,2,3-cd)pyrene	17.315	276	575941	42.667	ng	99
88) Benzo(b)fluoranthene	15.268	252	600154	42.069	ng	98
89) Benzo(k)fluoranthene	15.304	252	568430	40.194	ng	100
90) Benzo(a)pyrene	15.663	252	498058	43.675	ng	97
91) Dibenzo(a,h)anthracene	17.345	278	485189	43.811	ng	99
92) Benzo(g,h,i)perylene	17.804	276	476241	39.139	ng	98

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

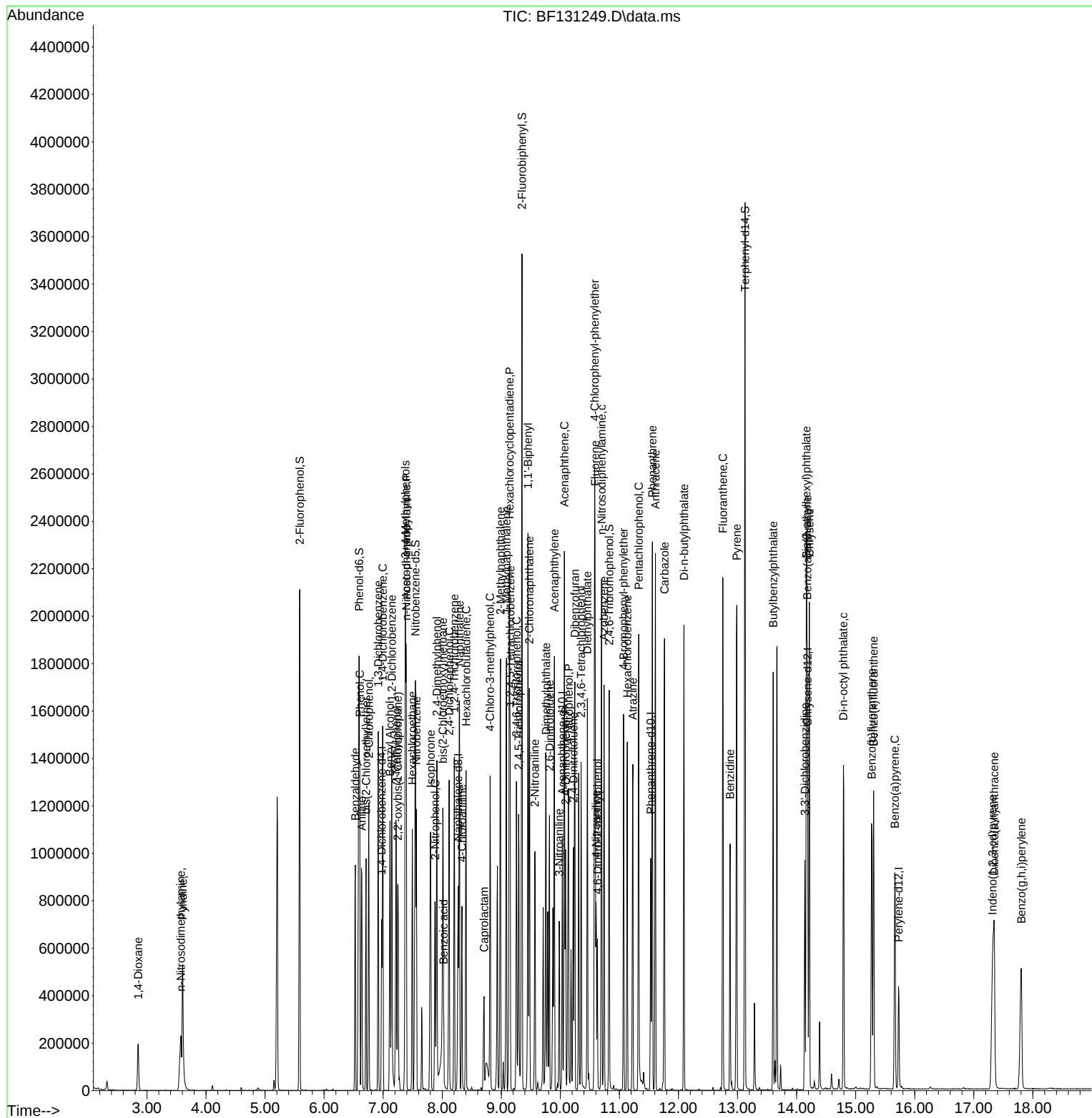
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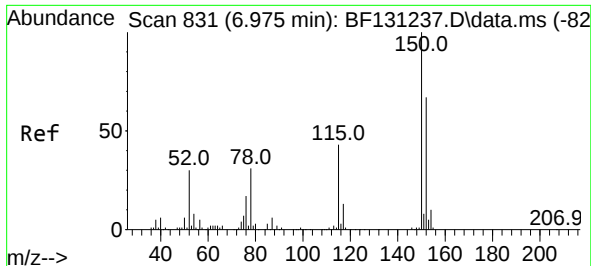
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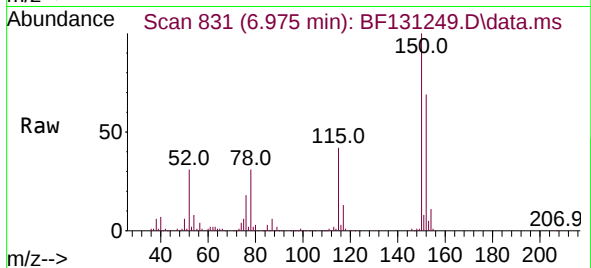
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

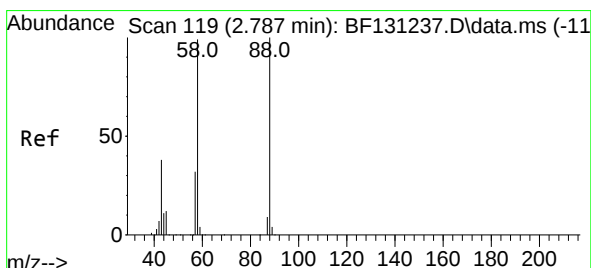
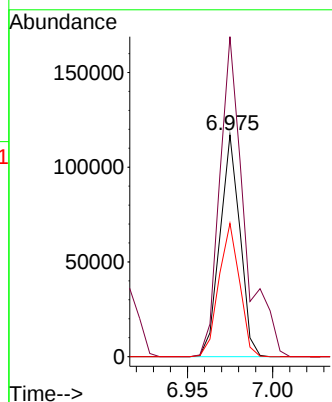
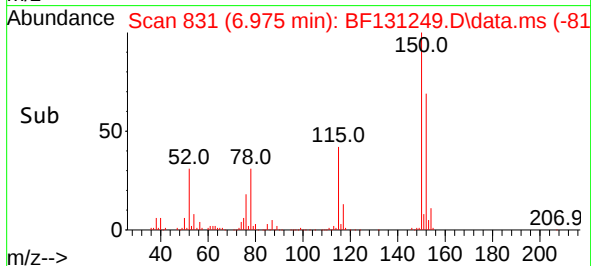
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



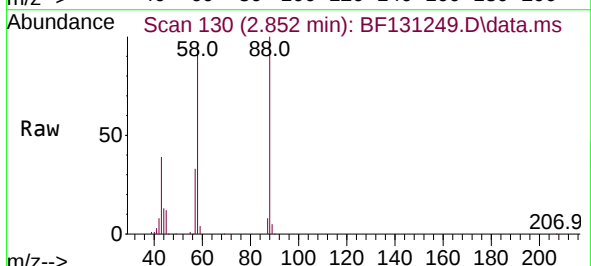
Tgt Ion:152 Resp: 95560
Ion Ratio Lower Upper
152 100
150 144.4 120.2 180.4
115 60.1 51.8 77.8

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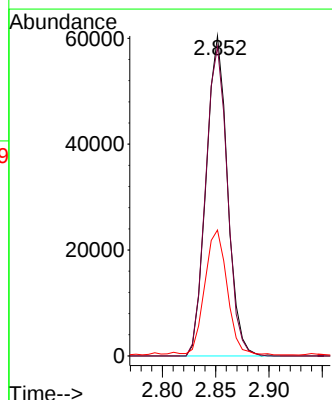
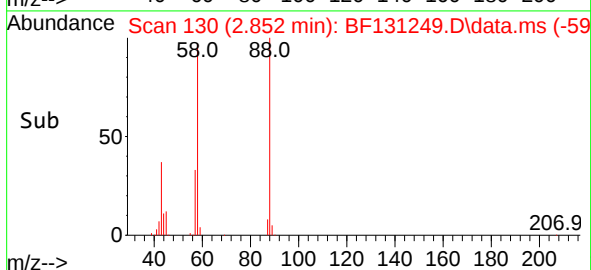
Reviewed By :Christian Giraldo 11/16/2022
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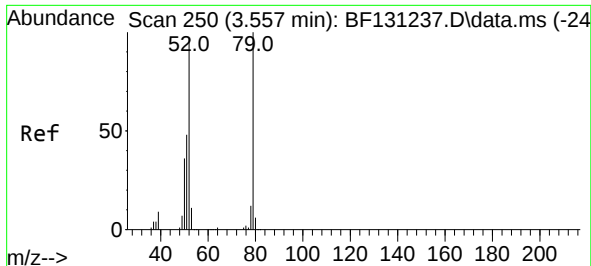


#2
1,4-Dioxane
Concen: 34.083 ng
RT: 2.852 min Scan# 130
Delta R.T. 0.065 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion: 88 Resp: 84267
Ion Ratio Lower Upper
88 100
58 98.5 77.1 115.7
43 41.3 31.3 46.9





#3

Pyridine

Concen: 33.783 ng

RT: 3.605 min Scan# 21

Delta R.T. 0.047 min

Lab File: BF131249.D

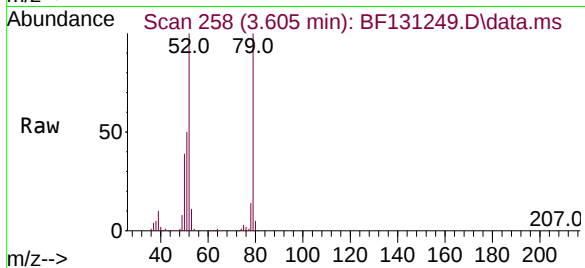
Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

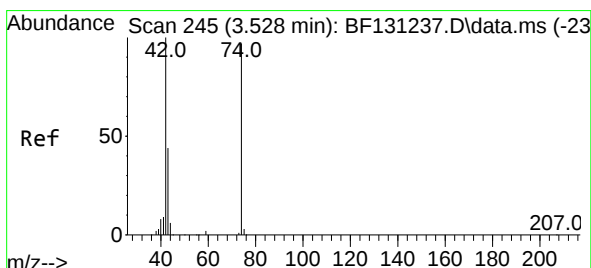
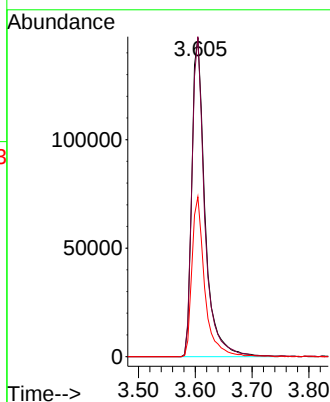
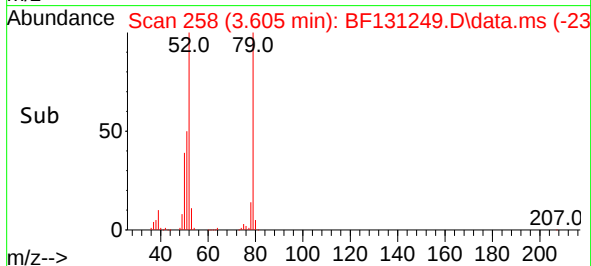


Tgt Ion:	79	Resp:	236085
Ion Ratio	Lower	Upper	
79	100		
52	100.4	77.7	116.5
51	50.2	38.7	58.1

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#4

n-Nitrosodimethylamine

Concen: 42.609 ng

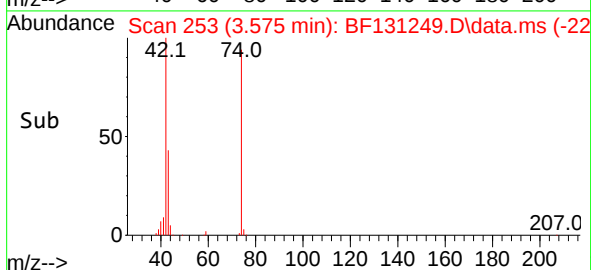
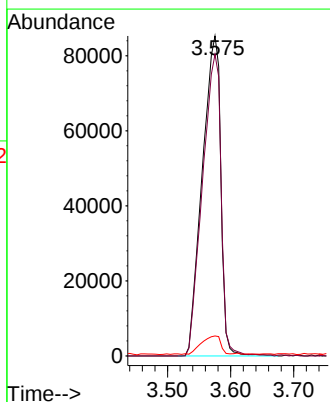
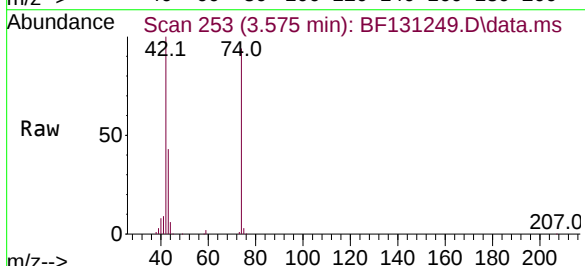
RT: 3.575 min Scan# 253

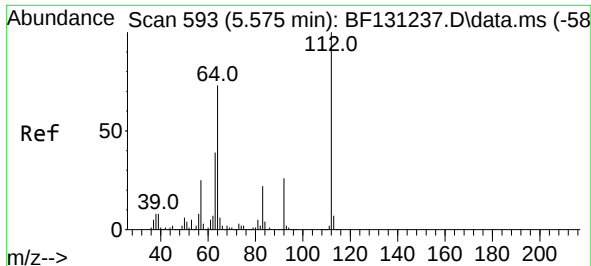
Delta R.T. 0.047 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

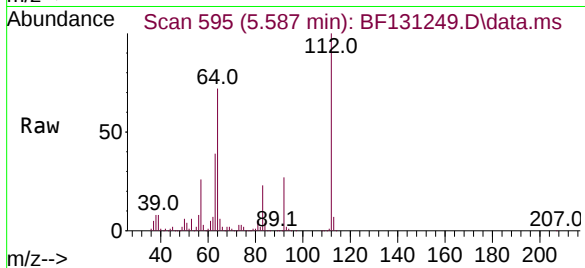
Tgt Ion:	42	Resp:	173556
Ion Ratio	Lower	Upper	
42	100		
74	94.2	77.8	116.6
44	6.3	5.9	8.9





#5
2-Fluorophenol
Concen: 91.343 ng
RT: 5.587 min Scan# 593
Delta R.T. 0.012 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

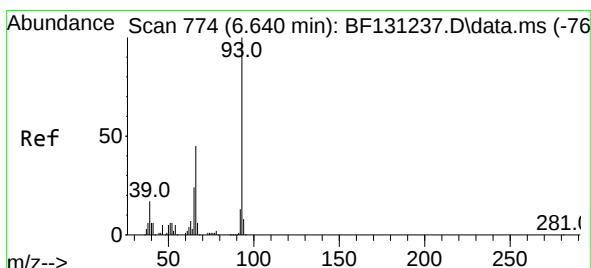
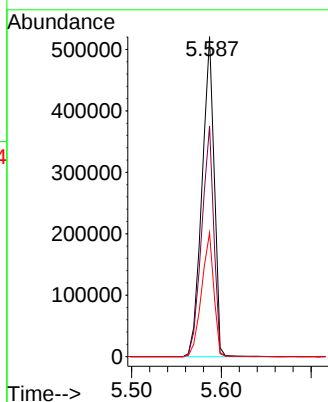
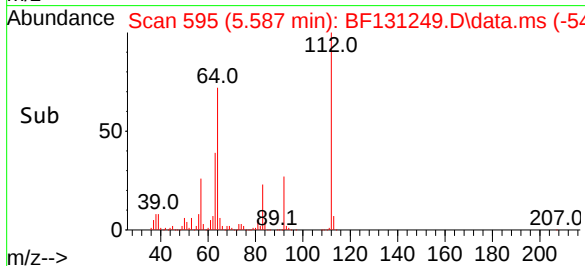
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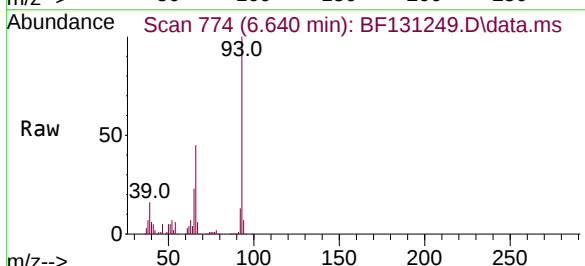
Tgt Ion: 112 Resp: 492936
Ion Ratio Lower Upper
112 100
64 72.1 58.4 87.6
63 38.7 31.6 47.4

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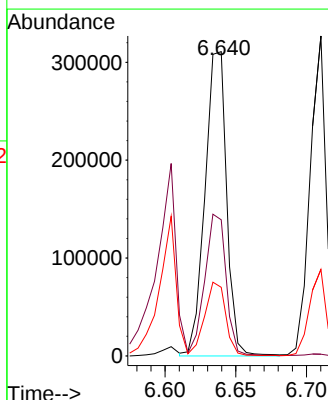
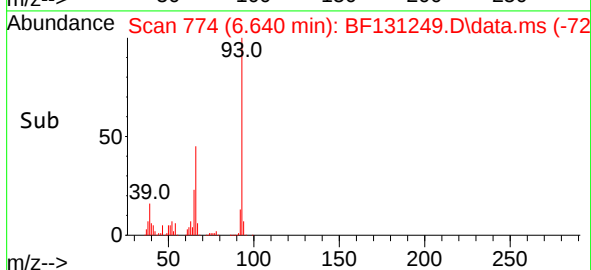
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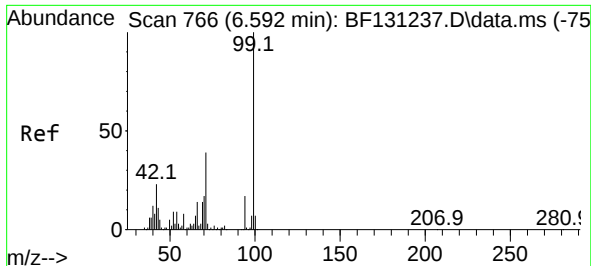


#6
Aniline
Concen: 38.680 ng m
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



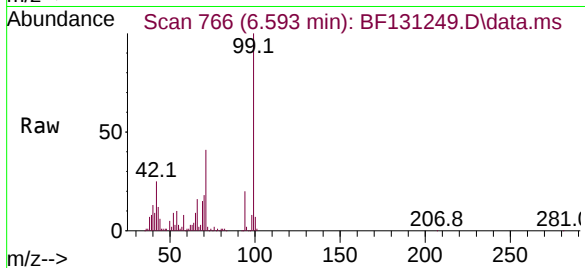
Tgt Ion: 93 Resp: 331623
Ion Ratio Lower Upper
93 100
66 44.7 36.6 55.0
65 22.5 19.3 28.9





#7
Phenol-d6
Concen: 89.762 ng
RT: 6.593 min Scan# 70
Delta R.T. 0.001 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

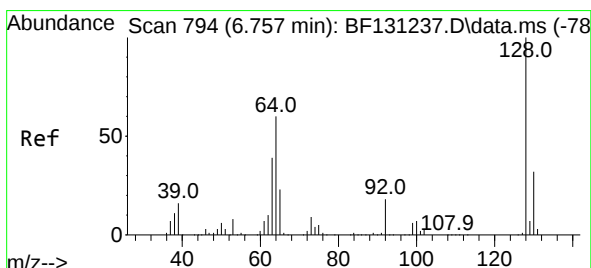
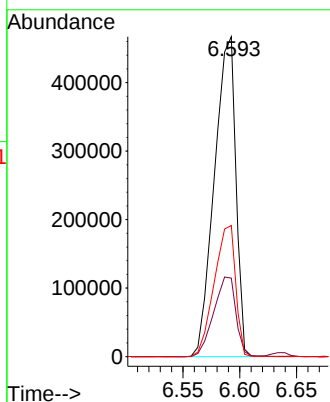
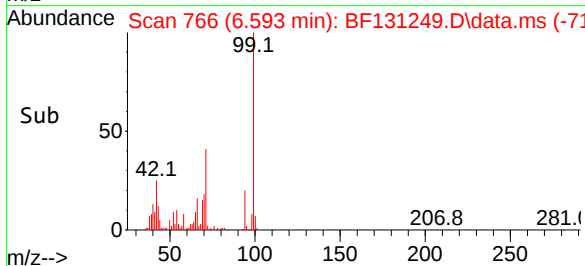
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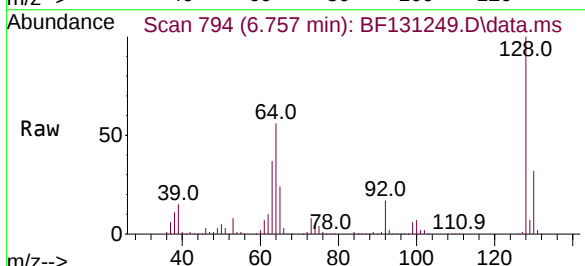
Tgt Ion: 99 Resp: 61353
Ion Ratio Lower Upper
99 100
42 24.5 18.6 28.0
71 41.0 31.1 46.7

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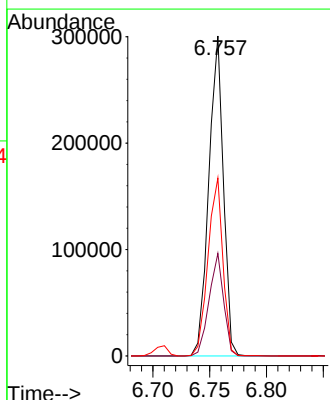
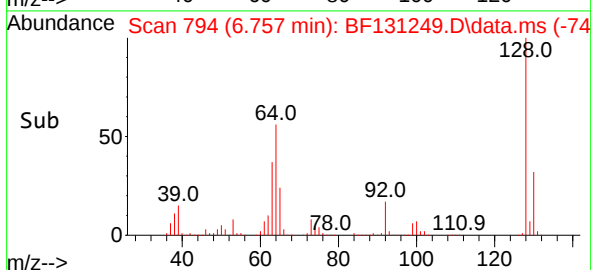
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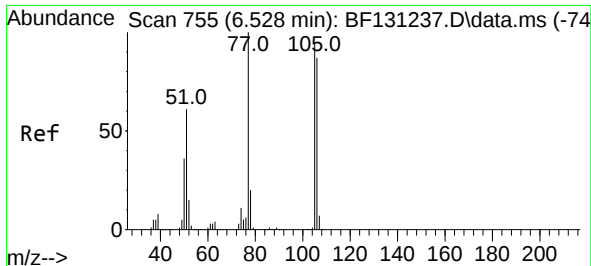


#8
2-Chlorophenol
Concen: 44.350 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



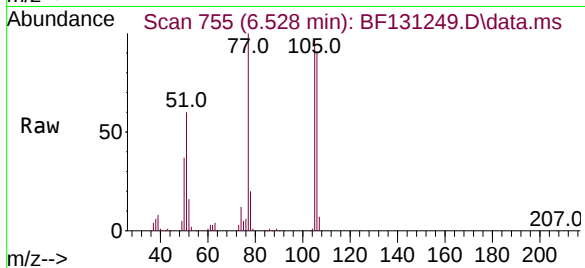
Tgt Ion:128 Resp: 269041
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 55.6 40.1 80.1





#9
Benzaldehyde
Concen: 33.984 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

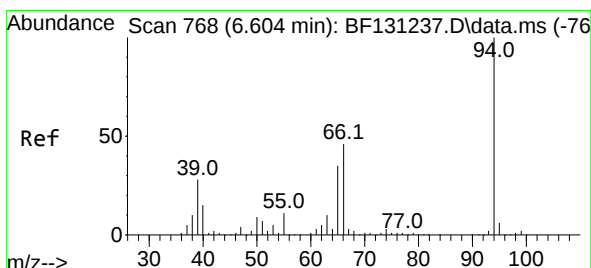
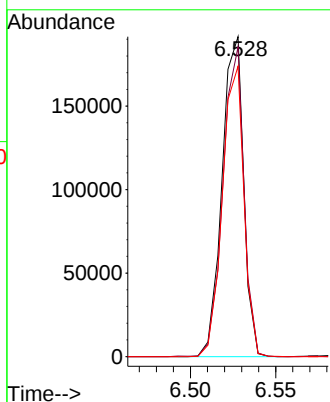
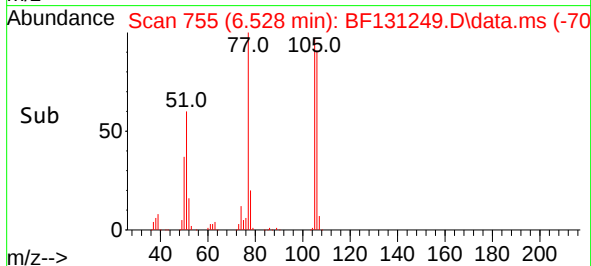
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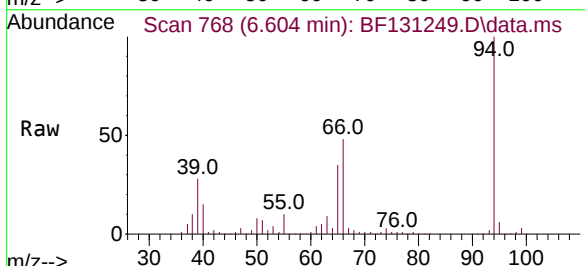
Tgt Ion: 77 Resp: 168495
Ion Ratio Lower Upper
77 100
105 96.8 74.8 114.8
106 90.7 67.3 107.3

Manual Integrations
APPROVED

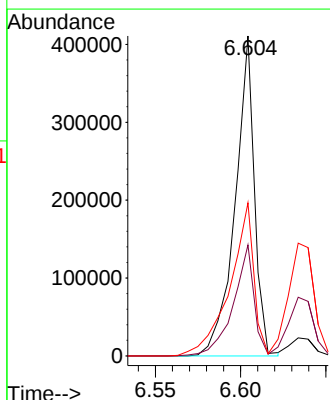
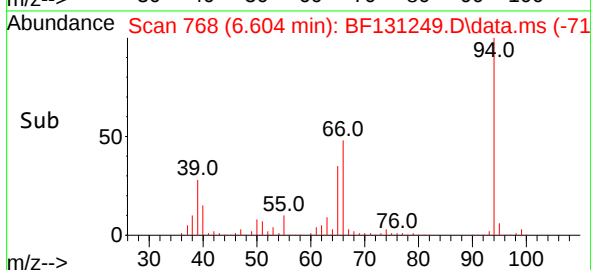
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

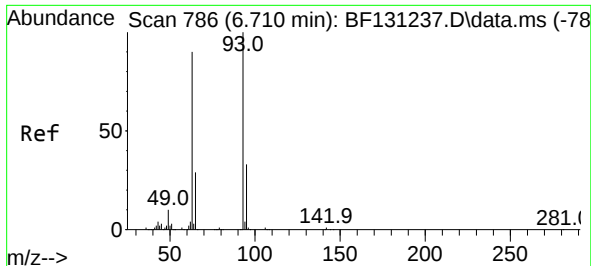


#10
Phenol
Concen: 42.368 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion: 94 Resp: 323964
Ion Ratio Lower Upper
94 100
65 34.7 14.8 54.8
66 47.8 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.366 ng

RT: 6.710 min Scan# 786

Delta R.T. 0.000 min

Lab File: BF131249.D

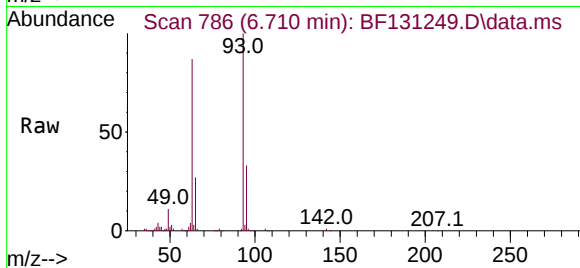
Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD



Tgt Ion: 93 Resp: 253646

Ion Ratio Lower Upper

93 100

63 87.1 69.8 109.8

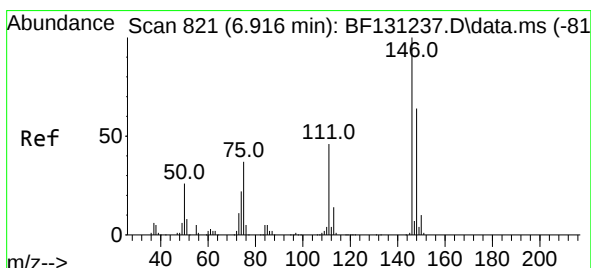
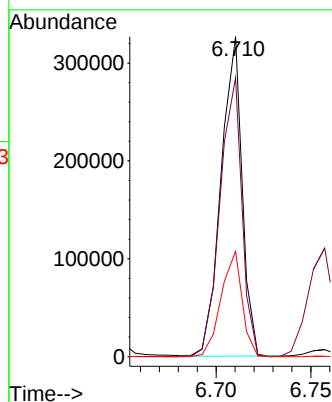
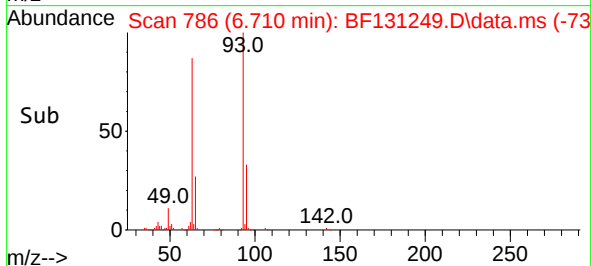
95 32.9 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#12

1,3-Dichlorobenzene

Concen: 41.245 ng

RT: 6.916 min Scan# 821

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

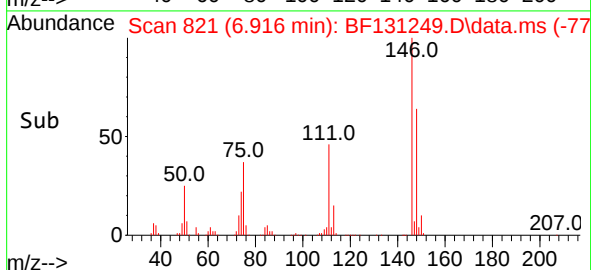
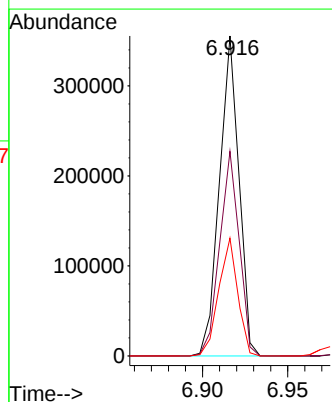
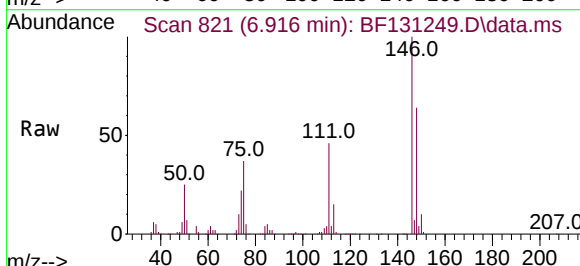
Tgt Ion:146 Resp: 283062

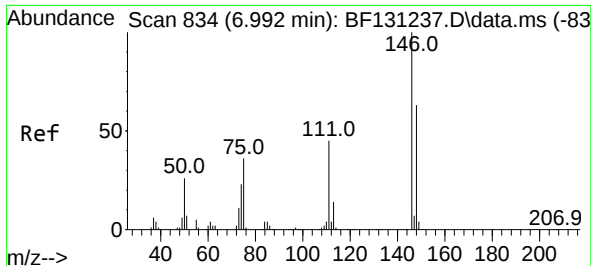
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

75 36.8 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 41.142 ng

RT: 6.993 min Scan# 84

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

Tgt Ion:146 Resp: 285559

Ion Ratio Lower Upper

146 100

148 63.1 50.1 75.1

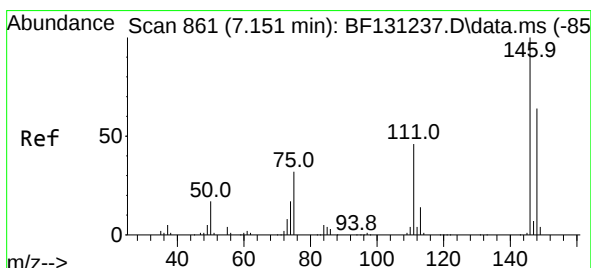
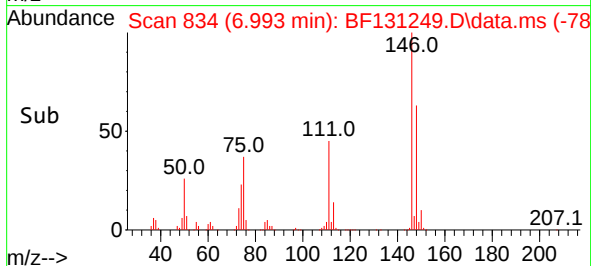
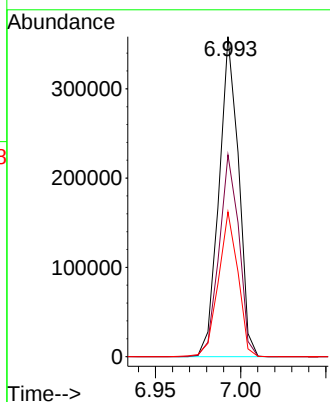
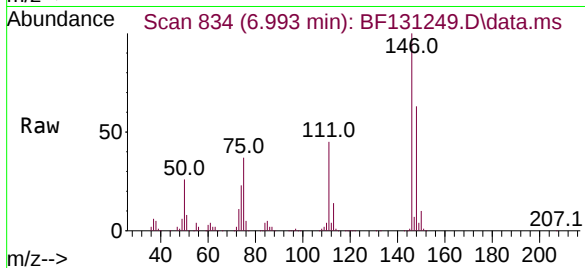
111 45.3 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#14

1,2-Dichlorobenzene

Concen: 43.251 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

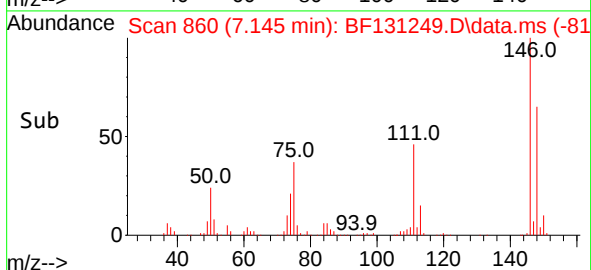
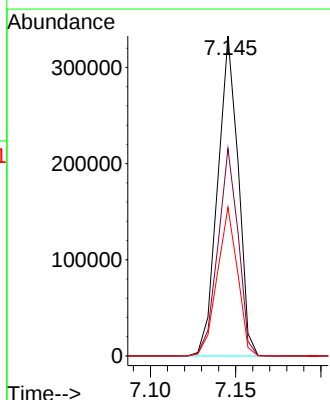
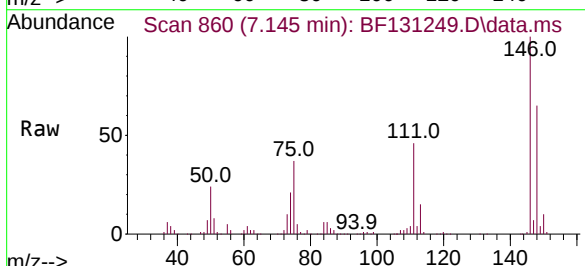
Tgt Ion:146 Resp: 277458

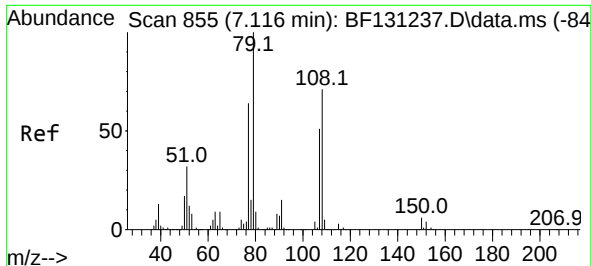
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

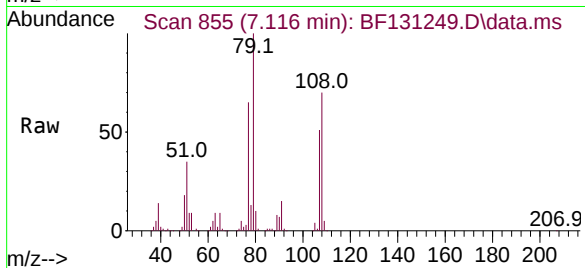
111 46.4 36.9 55.3





#15
Benzyl Alcohol
Concen: 42.123 ng m
RT: 7.116 min Scan# 855
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

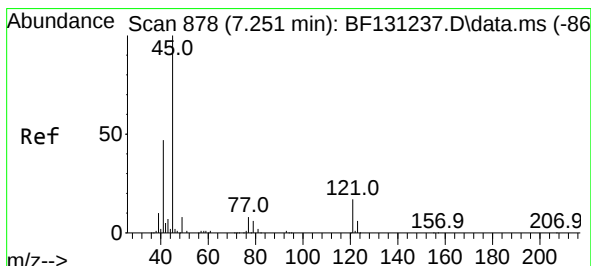
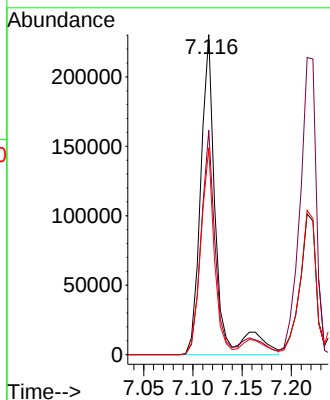
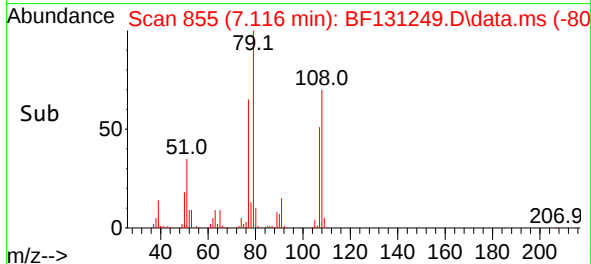
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion: 79 Resp: 250091
Ion Ratio Lower Upper
79 100
108 70.1 56.7 85.1
77 64.6 51.4 77.2

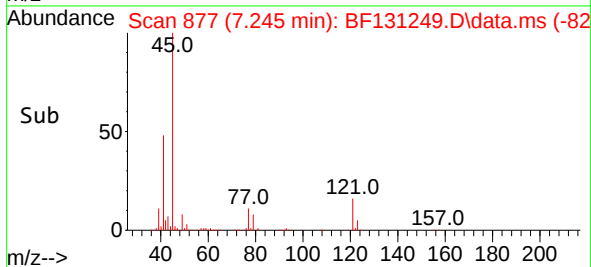
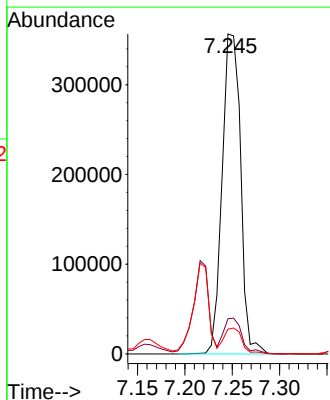
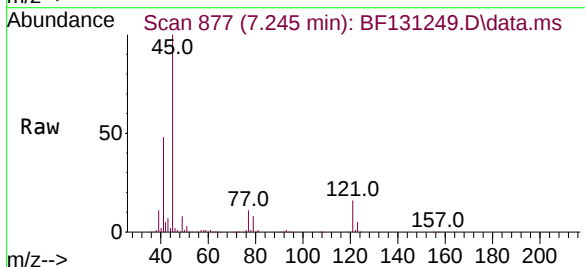
Manual Integrations
APPROVED

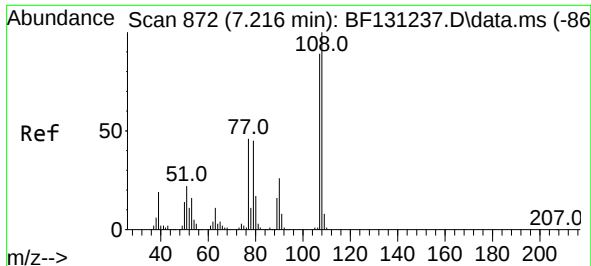
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.939 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

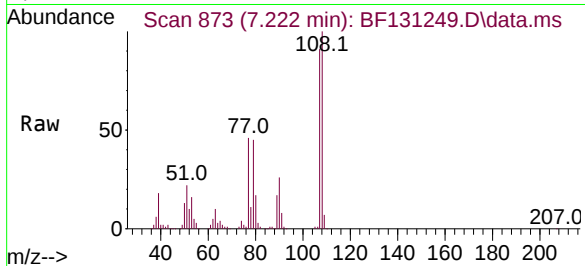
Tgt Ion: 45 Resp: 484212
Ion Ratio Lower Upper
45 100
77 11.0 0.0 31.0
79 7.7 0.0 28.5





#17
2-Methylphenol
Concen: 42.398 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

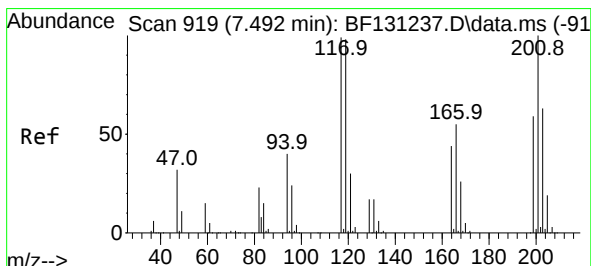
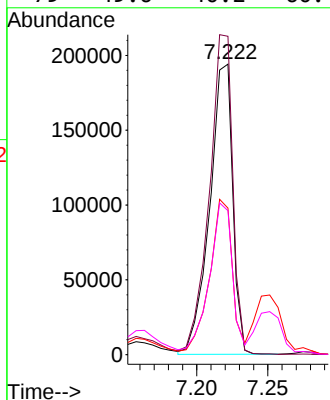
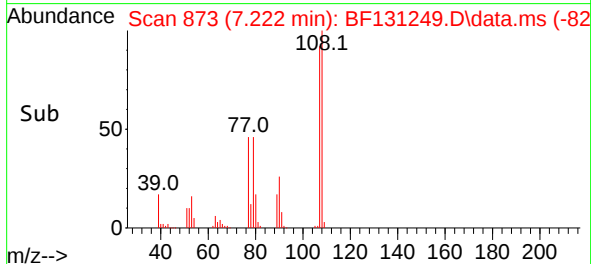
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:107 Resp: 219579
Ion Ratio Lower Upper
107 100
108 109.6 89.8 134.6
77 50.4 41.4 62.0
79 49.6 40.2 60.4

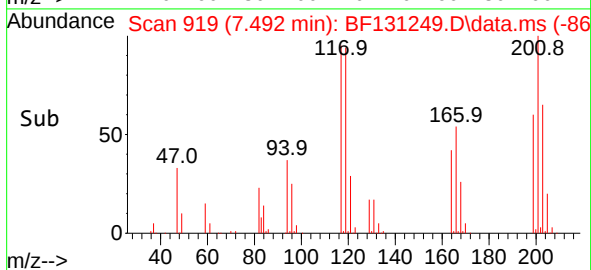
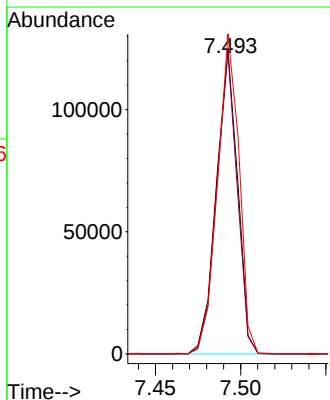
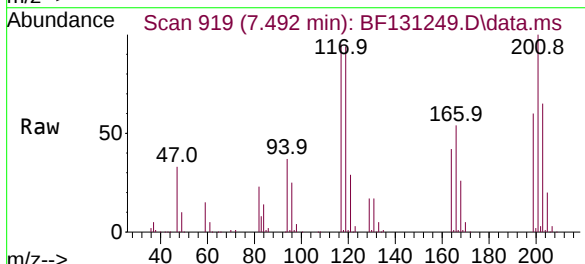
Manual Integrations
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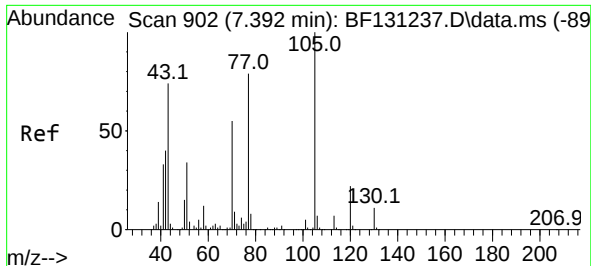
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#18
Hexachloroethane
Concen: 42.539 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Tgt Ion:117 Resp: 107337
Ion Ratio Lower Upper
117 100
119 99.0 79.0 118.6
201 105.2 80.9 121.3





#19

n-Nitroso-di-n-propylamine

Concen: 41.305 ng

RT: 7.393 min Scan# 902

Delta R.T. 0.000 min

Lab File: BF131249.D

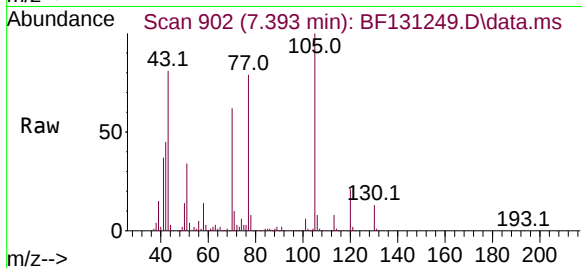
Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD



Tgt Ion: 70 Resp: 196729

Ion Ratio Lower Upper

70 100

42 72.8 58.3 87.5

101 10.0 7.2 10.8

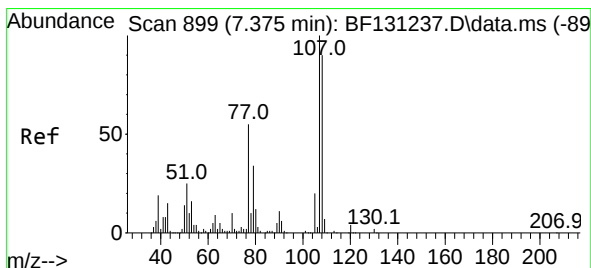
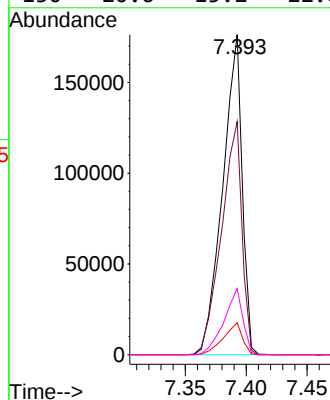
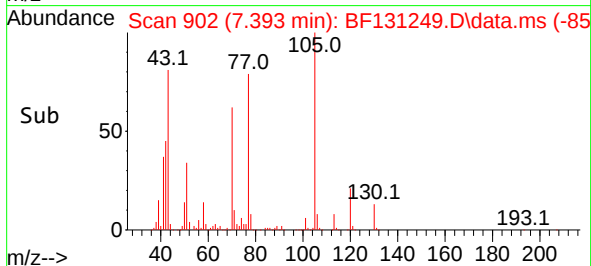
130 20.6 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#20

3+4-Methylphenols

Concen: 41.146 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Tgt Ion:107 Resp: 275635

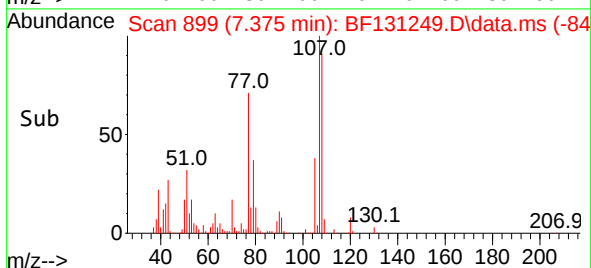
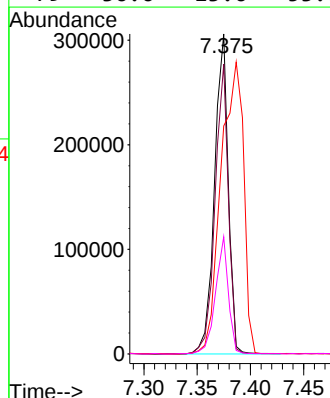
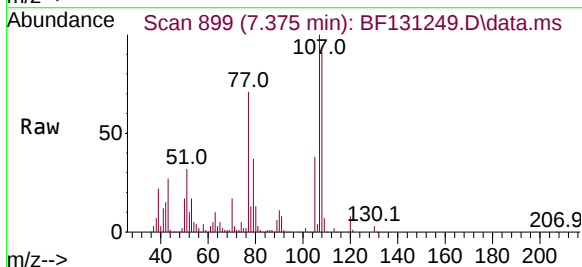
Ion Ratio Lower Upper

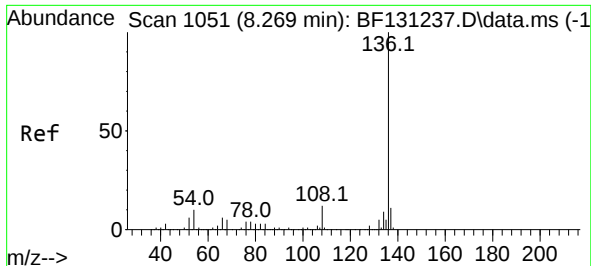
107 100

108 90.5 69.5 109.5

77 71.2 35.3 75.3

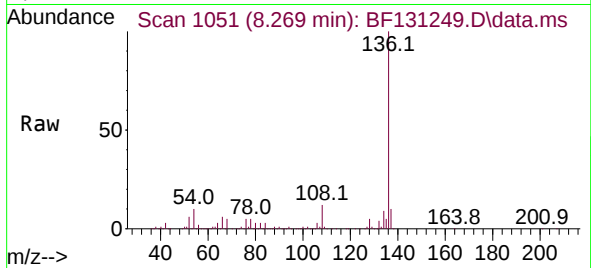
79 36.6 13.6 53.6





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

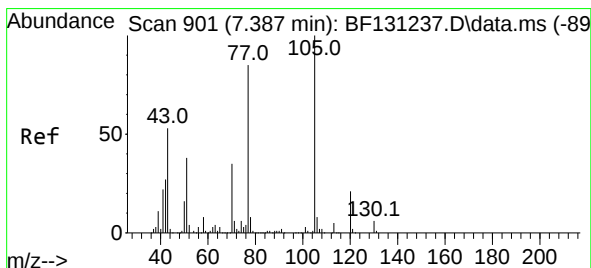
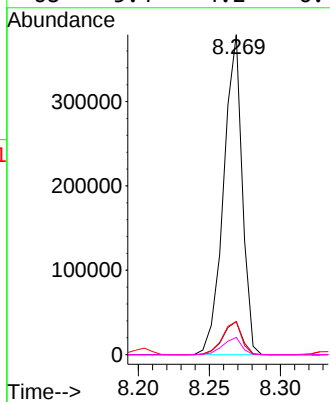
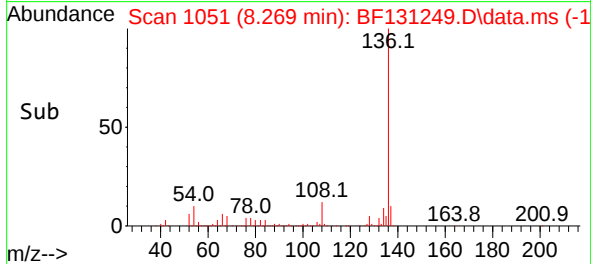
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:136	Resp:	34569
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.5 12.7
54	10.3	7.8 11.8
68	5.4	4.2 6.4

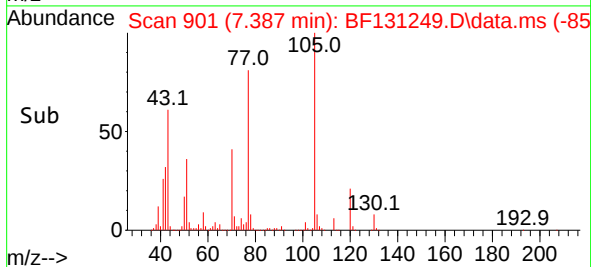
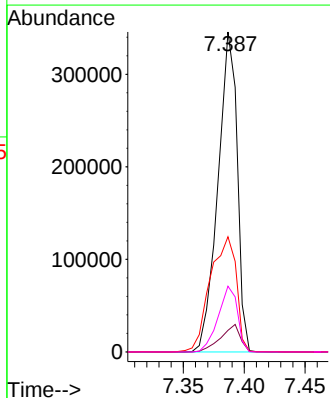
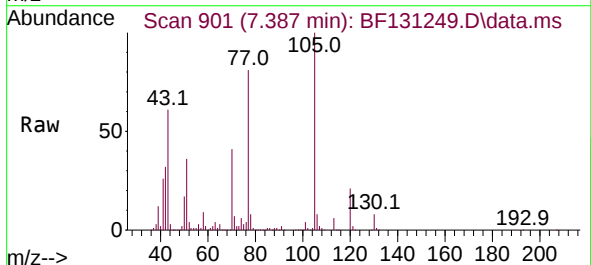
Manual Integrations
APPROVED

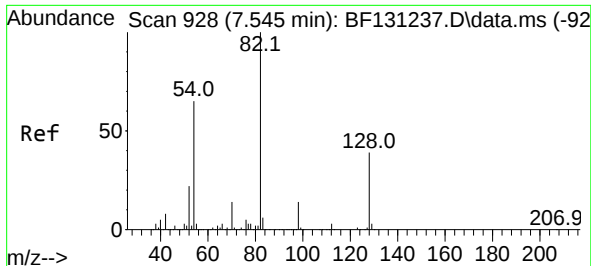
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#22
Acetophenone
Concen: 42.350 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

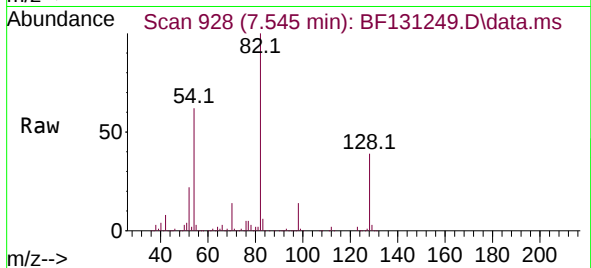
Tgt Ion:105	Resp:	381629
Ion Ratio	Lower	Upper
105	100	
71	6.7	4.7 7.1
51	36.0	30.2 45.2
120	20.5	17.0 25.4





#23
Nitrobenzene-d5
Concen: 96.397 ng
RT: 7.545 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

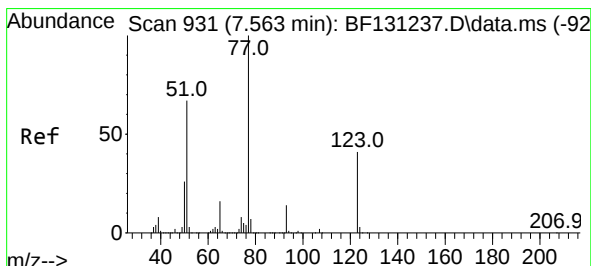
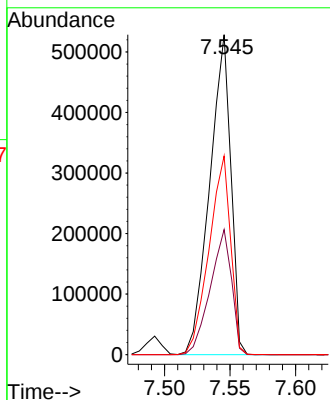
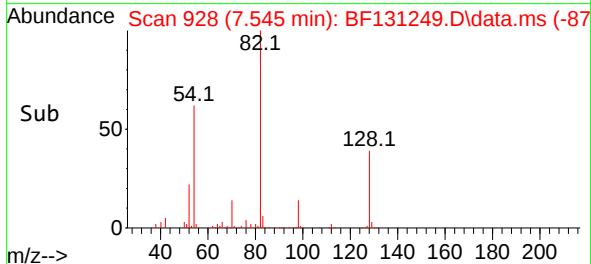
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



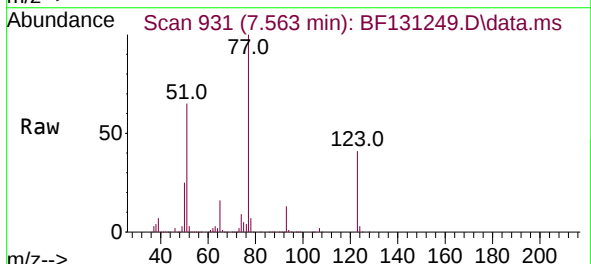
Tgt Ion: 82 Resp: 593696
Ion Ratio Lower Upper
82 100
128 39.1 31.1 46.7
54 62.1 51.8 77.6

Manual Integrations
APPROVED

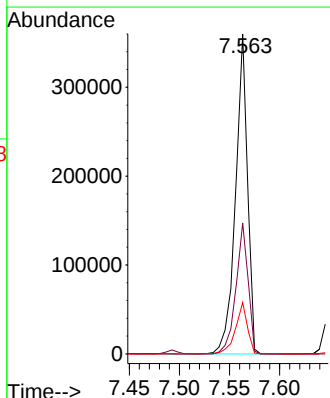
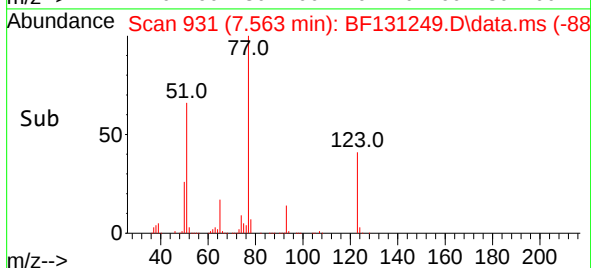
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

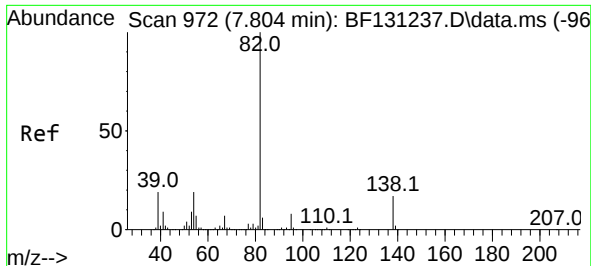


#24
Nitrobenzene
Concen: 44.926 ng
RT: 7.563 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion: 77 Resp: 298705
Ion Ratio Lower Upper
77 100
123 40.9 33.2 49.8
65 16.1 13.0 19.4





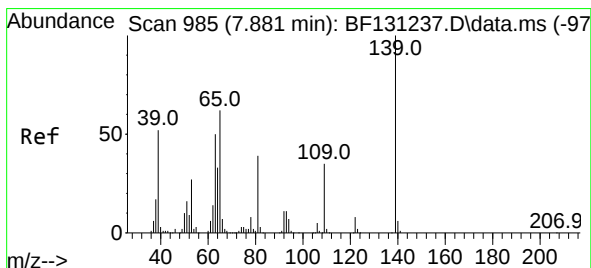
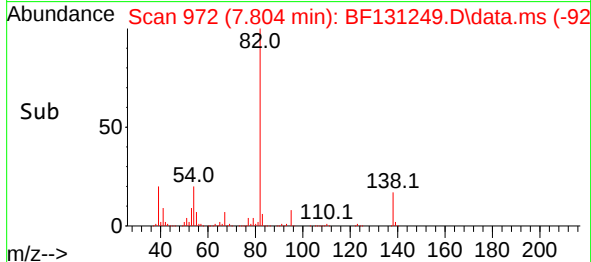
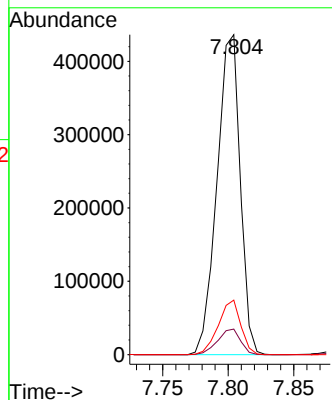
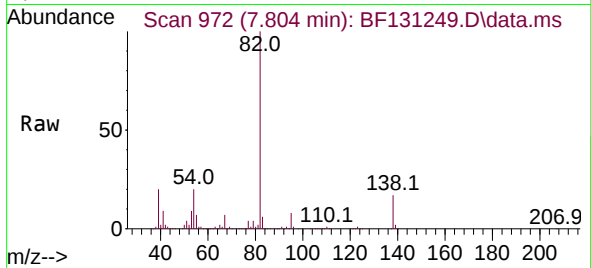
#25
Isophorone
Concen: 43.793 ng
RT: 7.804 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PB148960BSD

Tgt Ion: 82 Resp: 538828
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 17.0 13.4 20.0

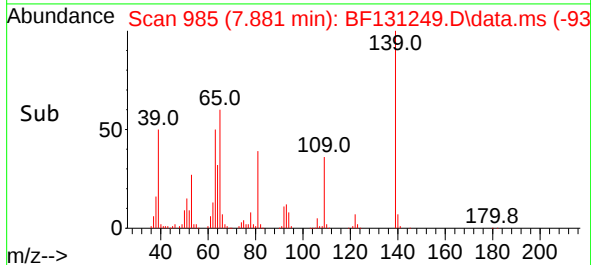
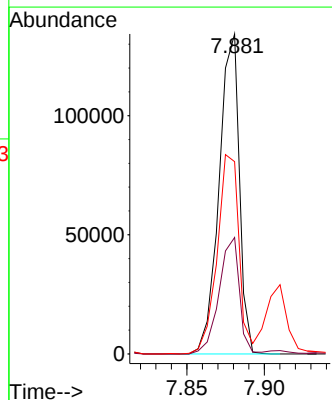
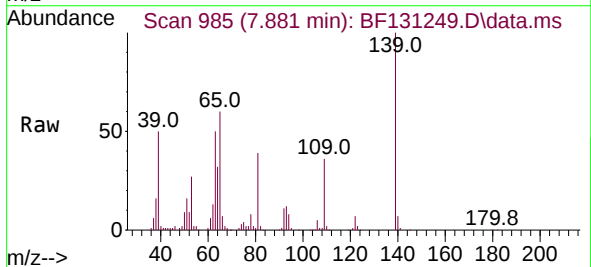
Manual Integrations
APPROVED

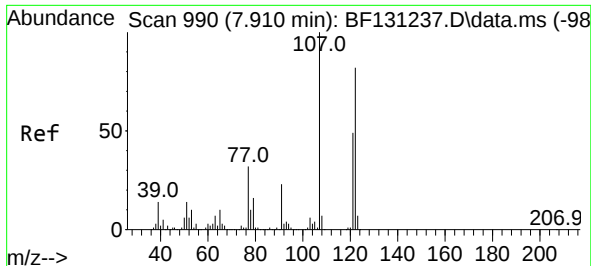
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#26
2-Nitrophenol
Concen: 46.182 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Tgt Ion:139 Resp: 122563
Ion Ratio Lower Upper
139 100
109 36.4 28.0 42.0
65 60.1 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 48.267 ng

RT: 7.910 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF131249.D

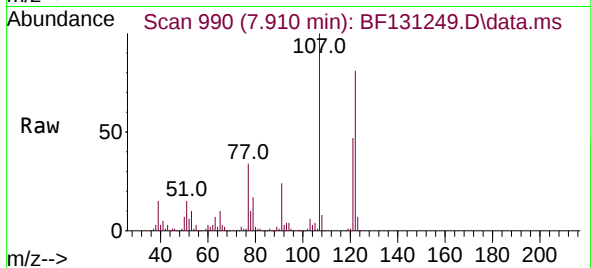
Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

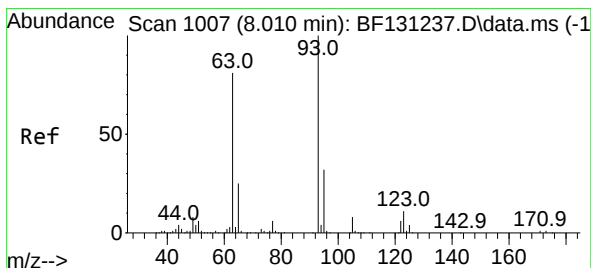
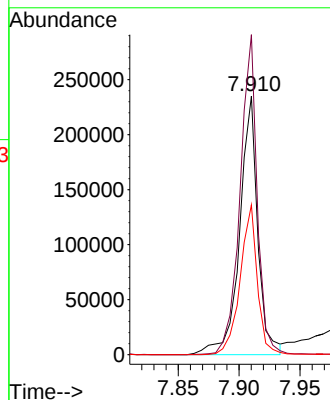
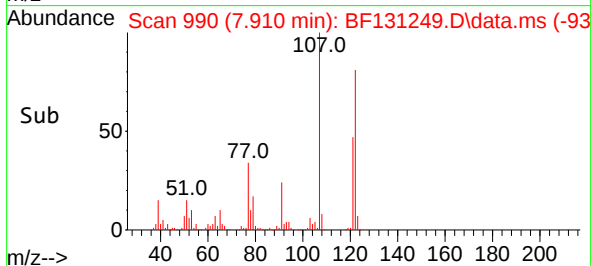


Tgt Ion:	122	Resp:	243083
Ion Ratio	Lower	Upper	
122	100		
107	123.8	97.1	145.7
121	57.9	47.5	71.3

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.371 ng

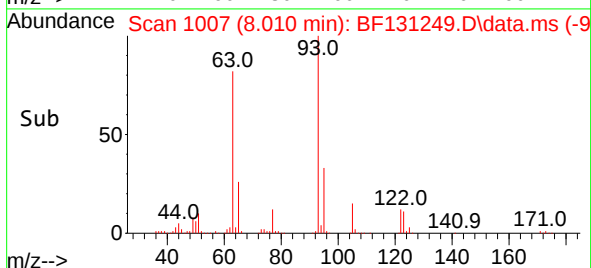
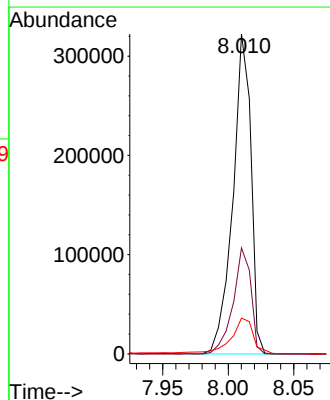
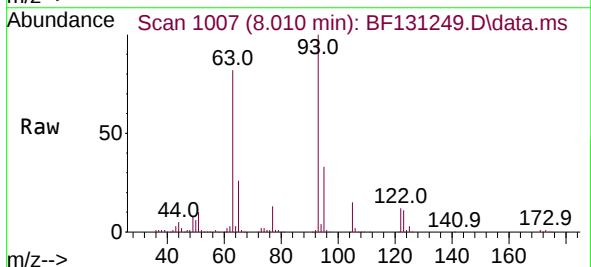
RT: 8.010 min Scan# 1007

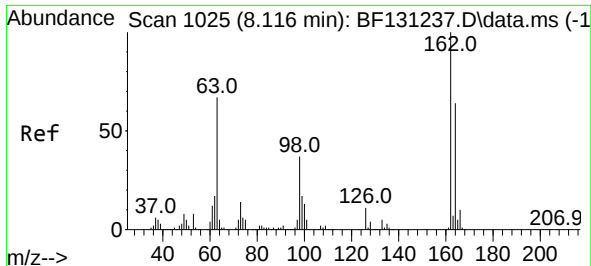
Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Tgt Ion:	93	Resp:	307801
Ion Ratio	Lower	Upper	
93	100		
95	33.1	25.7	38.5
123	11.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 41.739 ng

RT: 8.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

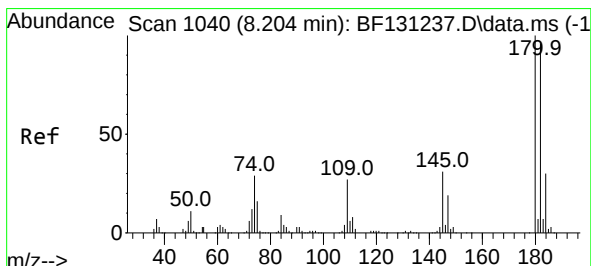
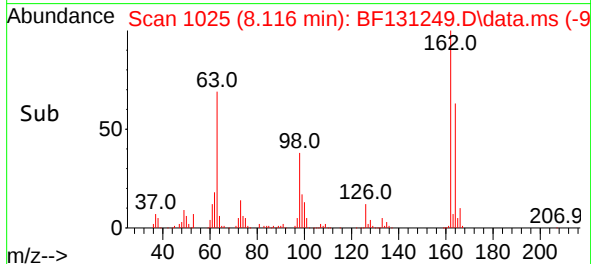
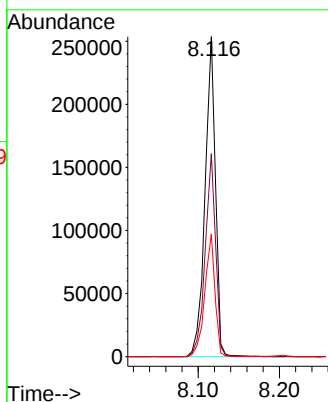
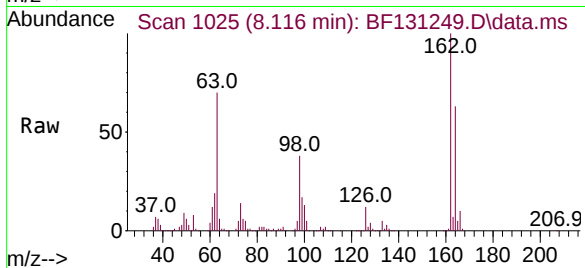
Tgt Ion:162 Resp: 227324

Ion	Ratio	Lower	Upper
162	100		
164	63.4	43.5	83.5
98	38.3	17.2	57.2

Manual Integrations

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



#30

1,2,4-Trichlorobenzene

Concen: 40.178 ng

RT: 8.204 min Scan# 1040

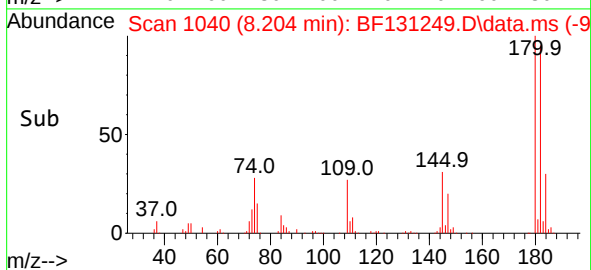
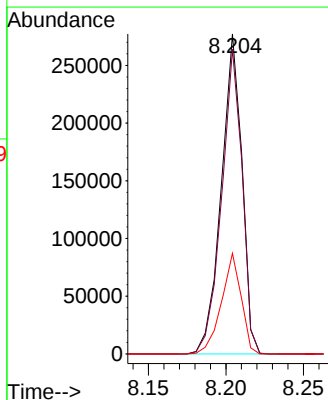
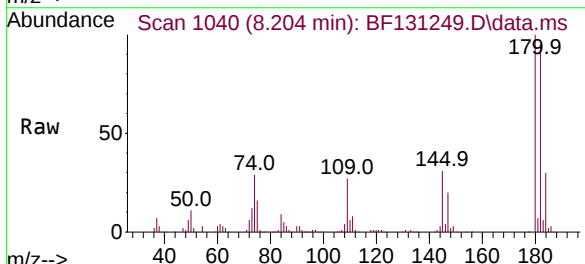
Delta R.T. 0.000 min

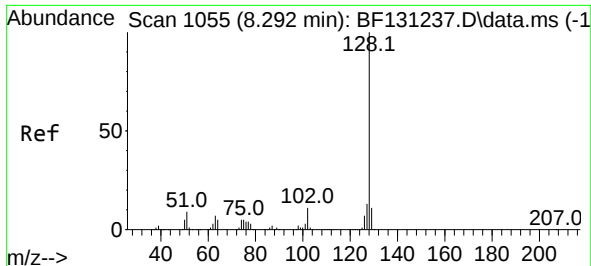
Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Tgt Ion:180 Resp: 256562

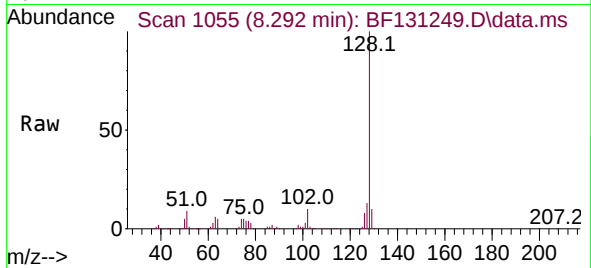
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.6	115.0
145	31.4	24.8	37.2





#31
Naphthalene
Concen: 39.565 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

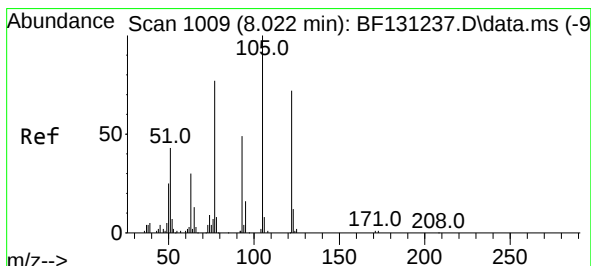
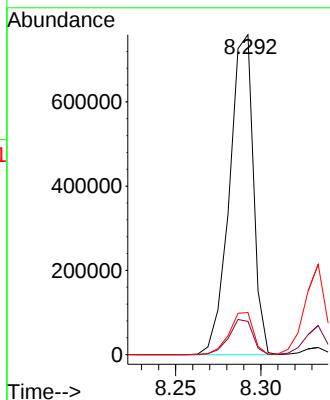
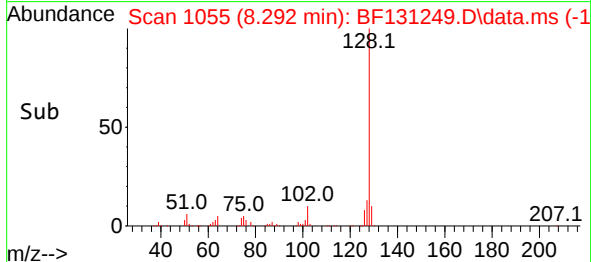
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:128 Resp: 741021
Ion Ratio Lower Upper
128 100
129 10.4 8.4 12.6
127 13.1 10.3 15.5

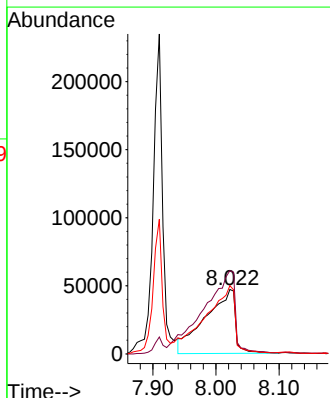
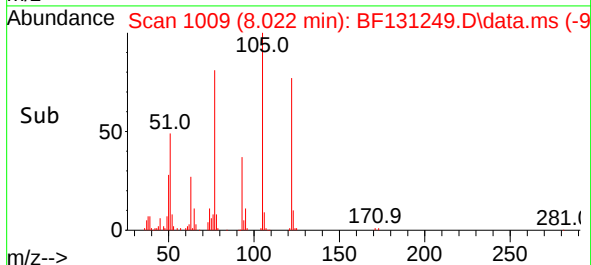
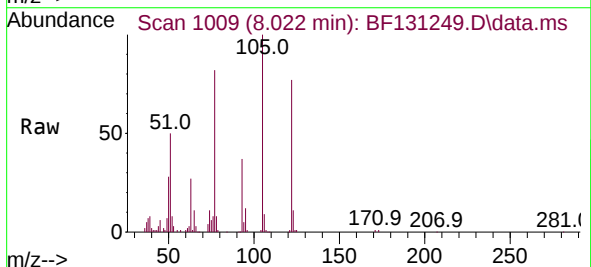
Manual Integrations
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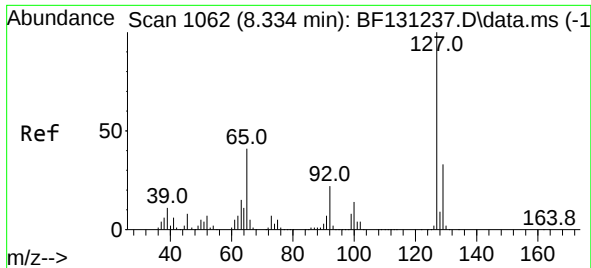
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#32
Benzoic acid
Concen: 43.337 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

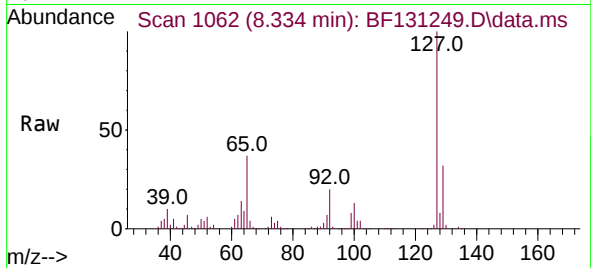
Tgt Ion:122 Resp: 155162
Ion Ratio Lower Upper
122 100
105 129.3 116.9 156.9
77 106.1 86.9 126.9





#33
4-Chloroaniline
Concen: 25.078 ng
RT: 8.334 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

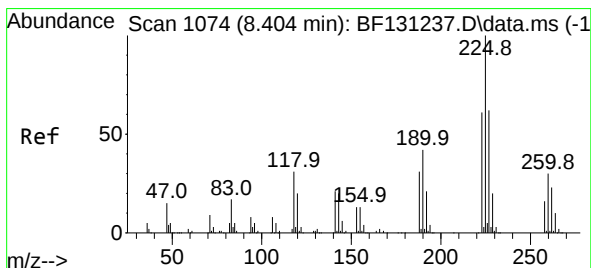
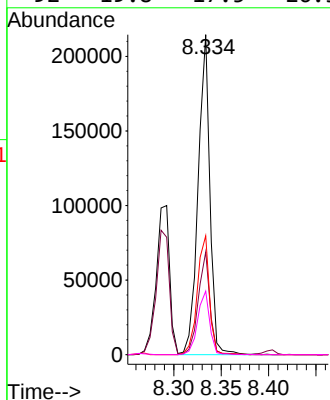
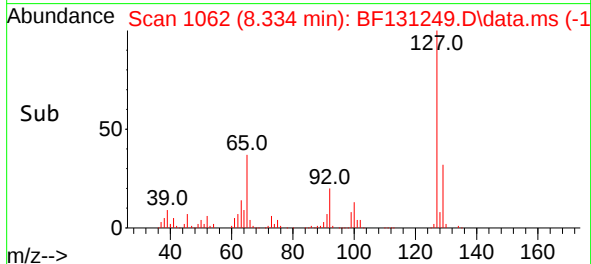
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:127 Resp: 184894
Ion Ratio Lower Upper
127 100
129 32.1 26.0 39.0
65 37.1 32.6 48.8
92 19.8 17.5 26.3

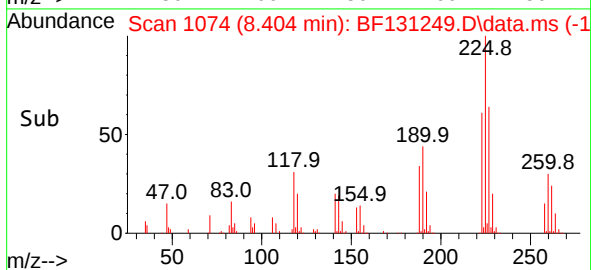
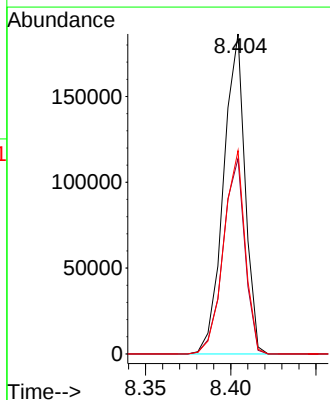
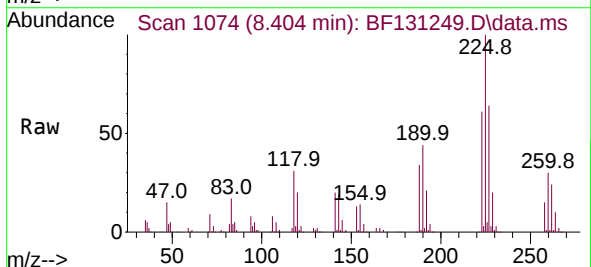
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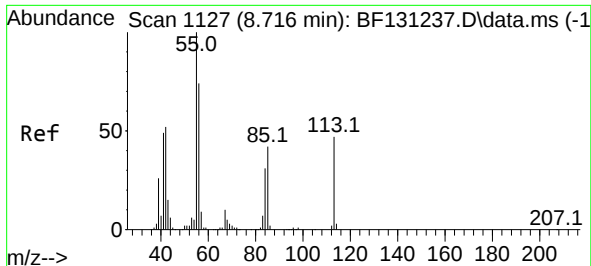
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#34
Hexachlorobutadiene
Concen: 40.560 ng
RT: 8.404 min Scan# 1074
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

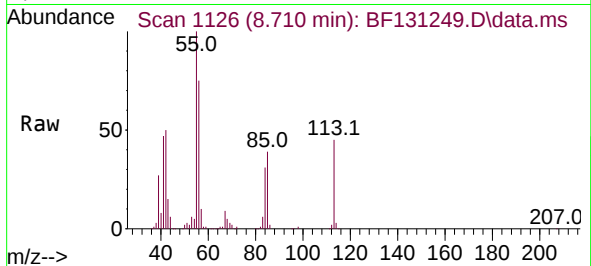
Tgt Ion:225 Resp: 163923
Ion Ratio Lower Upper
225 100
223 61.0 49.1 73.7
227 63.5 50.0 75.0





#35
Caprolactam
Concen: 44.548 ng m
RT: 8.710 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

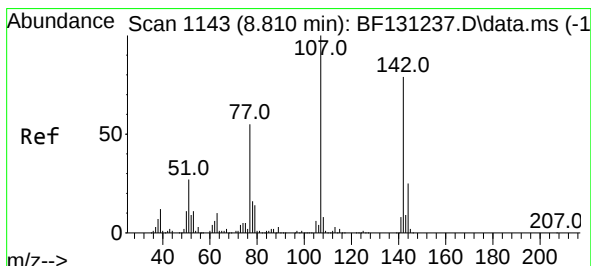
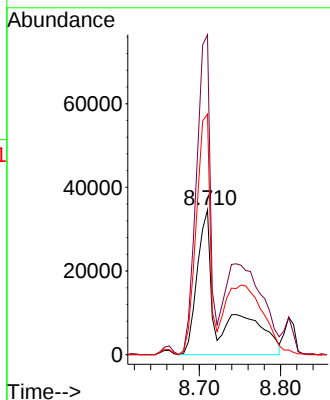
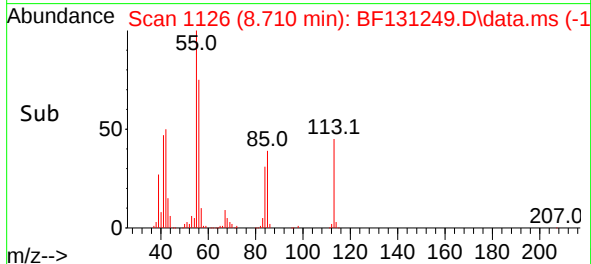
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:113 Resp: 71700
Ion Ratio Lower Upper
113 100
55 221.0 193.2 233.2
56 166.2 137.2 177.2

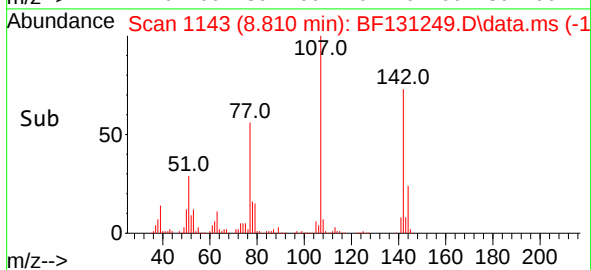
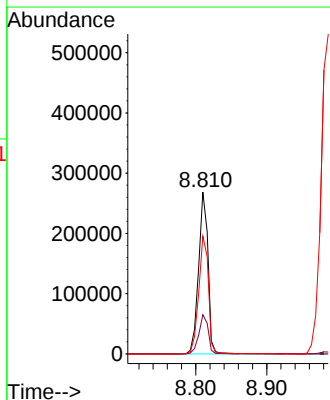
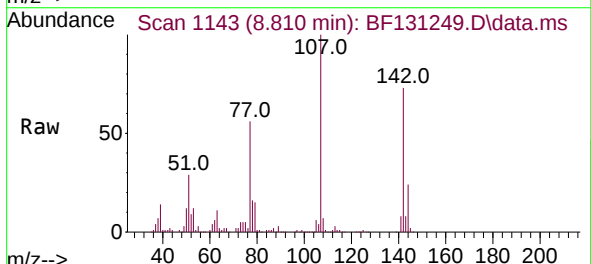
Manual Integrations
APPROVED

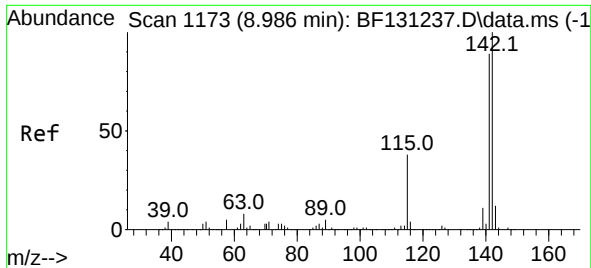
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#36
4-Chloro-3-methylphenol
Concen: 42.978 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Tgt Ion:107 Resp: 246387
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.2
142 72.7 63.0 94.6





#37

2-Methylnaphthalene

Concen: 39.878 ng

RT: 8.987 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

Tgt Ion:142 Resp: 497420

Ion Ratio Lower Upper

142 100

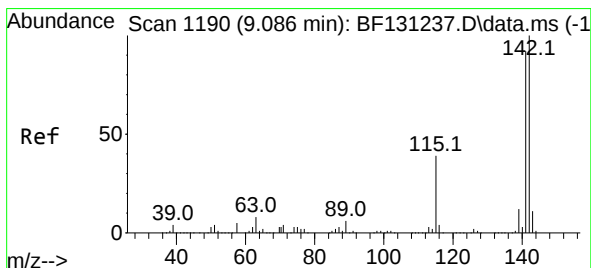
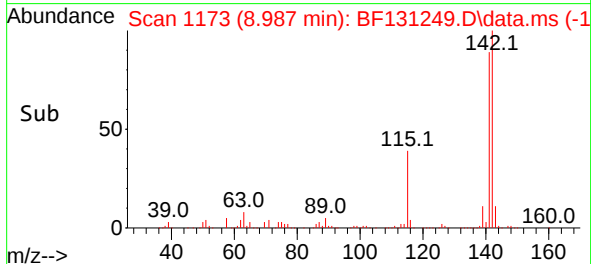
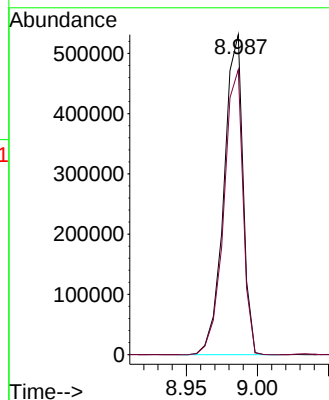
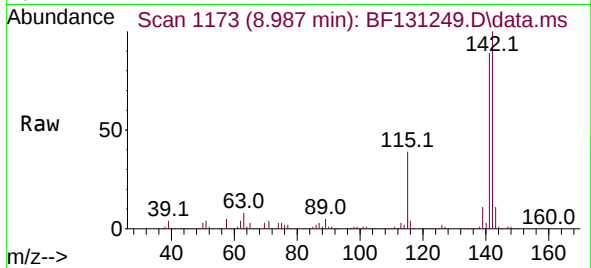
141 89.0 71.0 106.6

Manual Integrations

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Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#38

1-Methylnaphthalene

Concen: 38.798 ng

RT: 9.087 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF131249.D

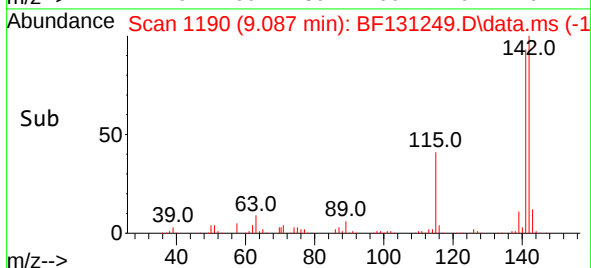
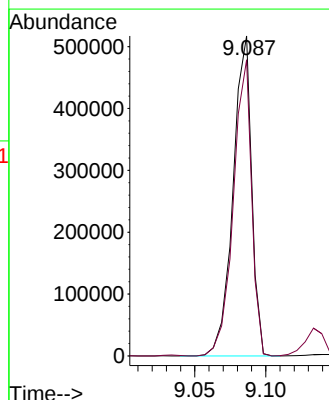
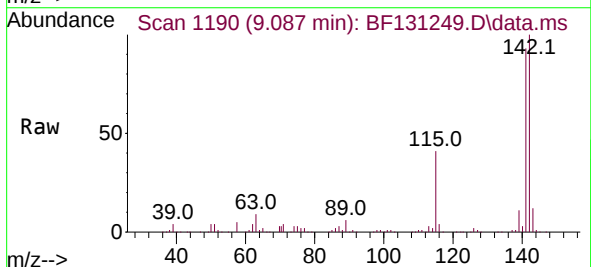
Acq: 16 Nov 2022 00:14

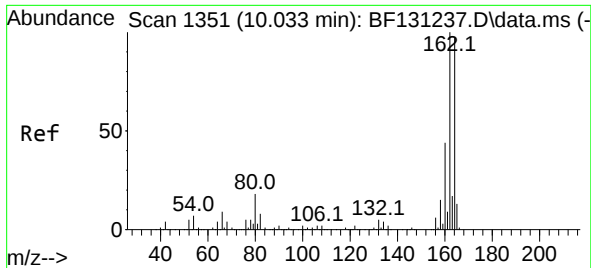
Tgt Ion:142 Resp: 469284

Ion Ratio Lower Upper

142 100

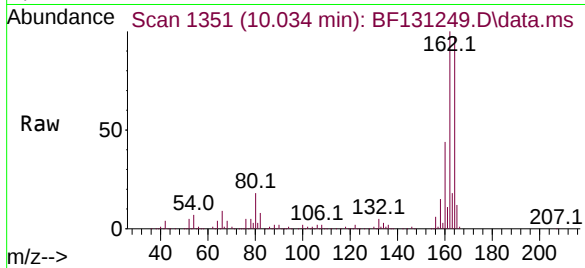
141 92.5 73.4 110.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 1351
Delta R.T. 0.001 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

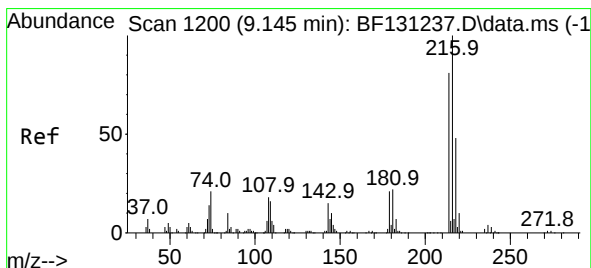
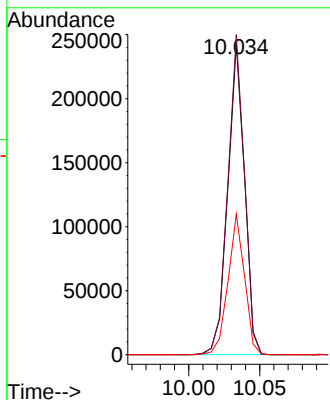
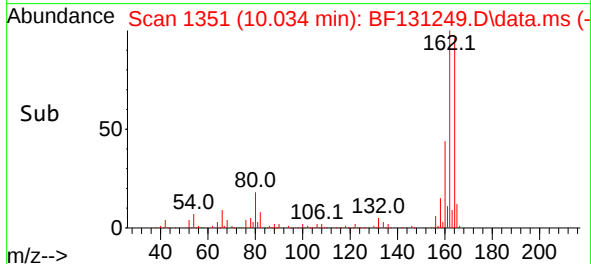
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:164 Resp: 19867
Ion Ratio Lower Upper
164 100
162 103.0 82.1 123.1
160 45.2 36.2 54.4

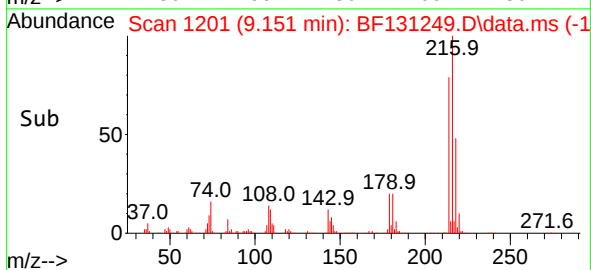
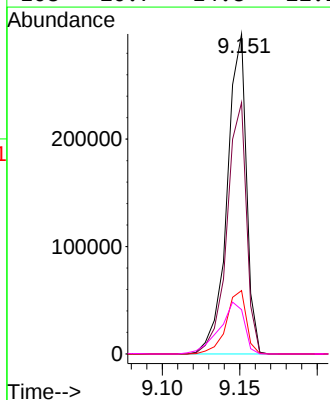
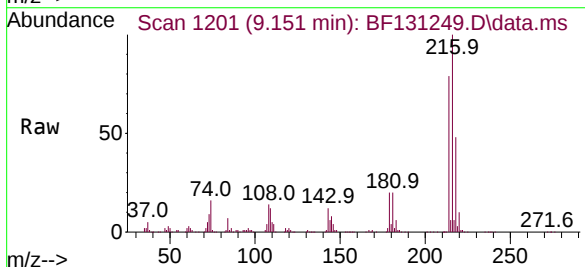
Manual Integrations
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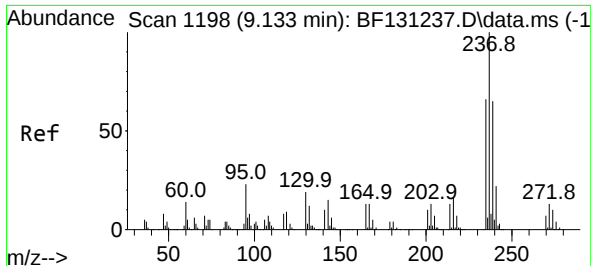
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.594 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

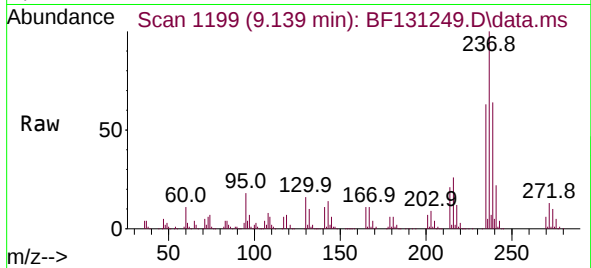
Tgt Ion:216 Resp: 259667
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 20.4 16.5 24.7
108 20.7 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 101.822 ng
RT: 9.139 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

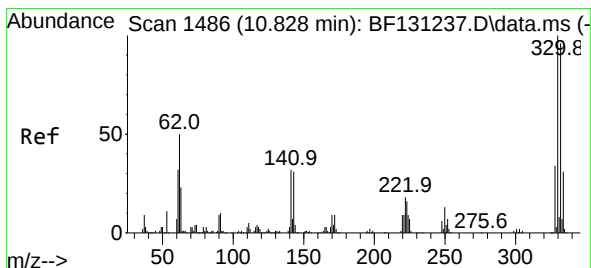
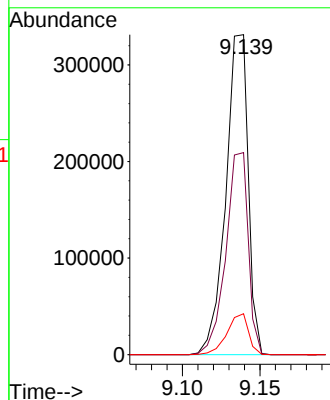
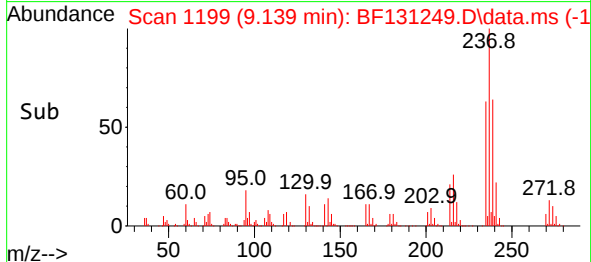
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



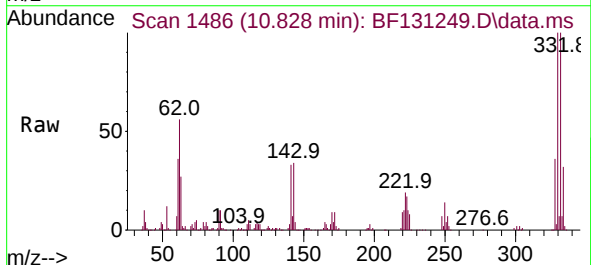
Tgt Ion:237 Resp: 333829
Ion Ratio Lower Upper
237 100
235 63.1 45.6 85.6
272 12.8 0.0 32.6

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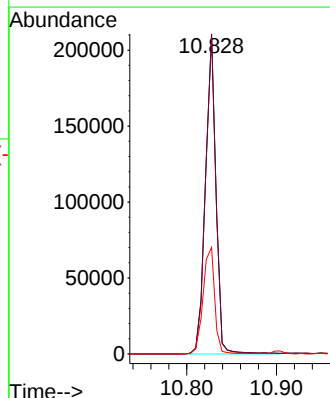
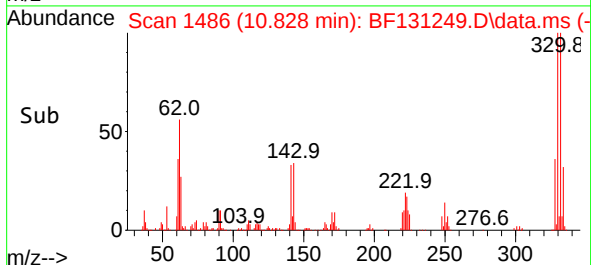
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

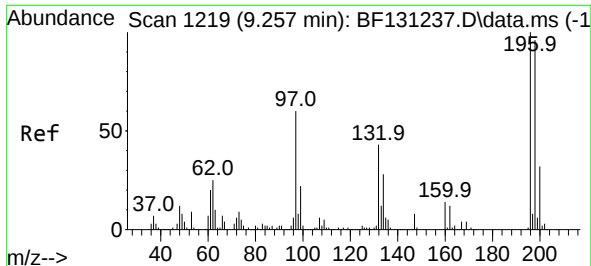


#42
2,4,6-Tribromophenol
Concen: 90.405 ng
RT: 10.828 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



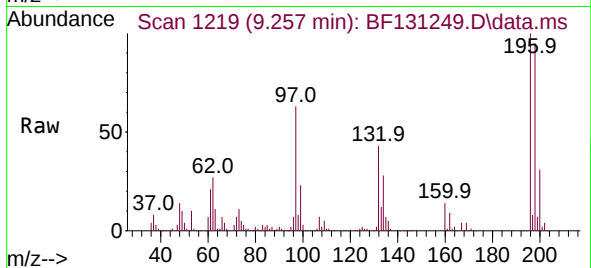
Tgt Ion:330 Resp: 171563
Ion Ratio Lower Upper
330 100
332 99.1 76.8 115.2
141 36.8 29.6 44.4





#43
2,4,6-Trichlorophenol
Concen: 38.789 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

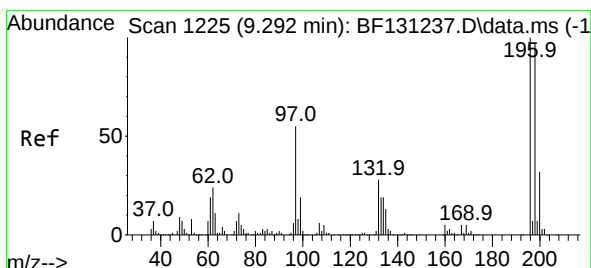
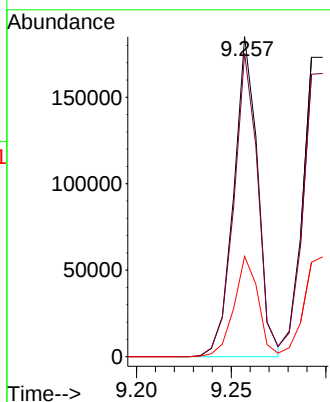
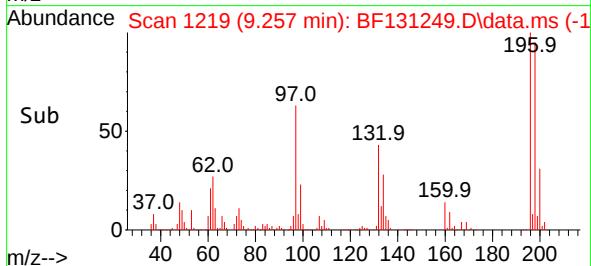
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



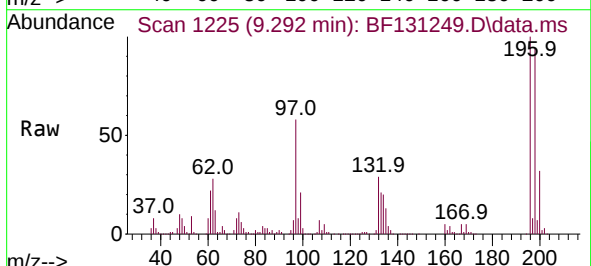
Tgt Ion:196 Resp: 162216
Ion Ratio Lower Upper
196 100
198 94.8 76.5 114.7
200 31.3 25.3 37.9

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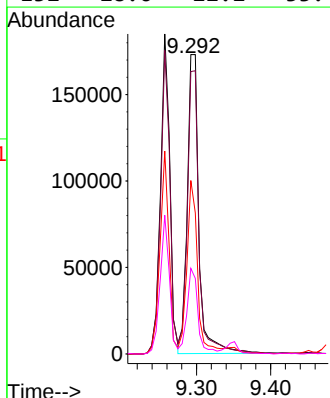
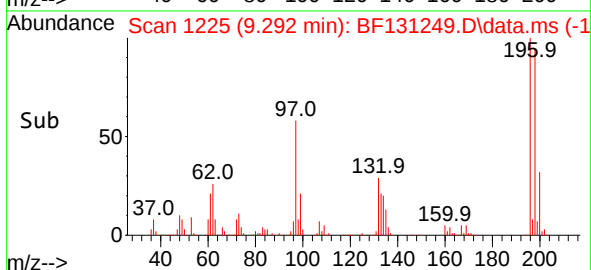
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

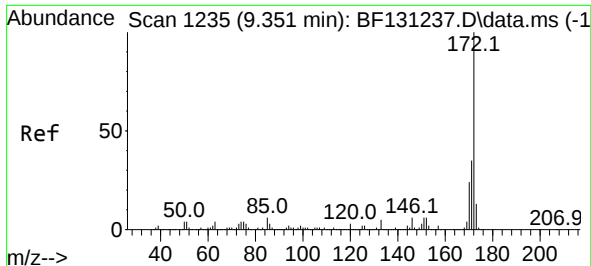


#44
2,4,5-Trichlorophenol
Concen: 42.015 ng
RT: 9.292 min Scan# 1225
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



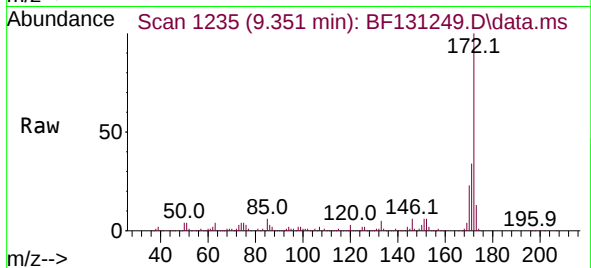
Tgt Ion:196 Resp: 188558
Ion Ratio Lower Upper
196 100
198 94.3 77.0 115.6
97 57.9 44.3 66.5
132 28.6 22.2 33.4





#45
2-Fluorobiphenyl
Concen: 81.276 ng
RT: 9.351 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

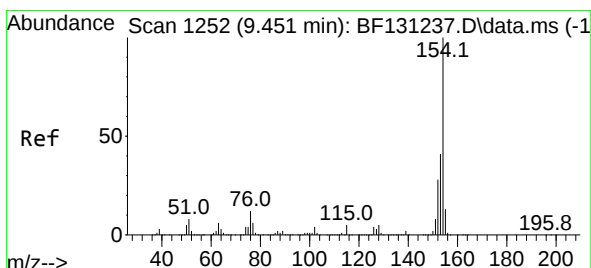
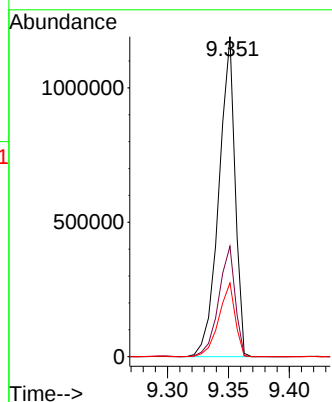
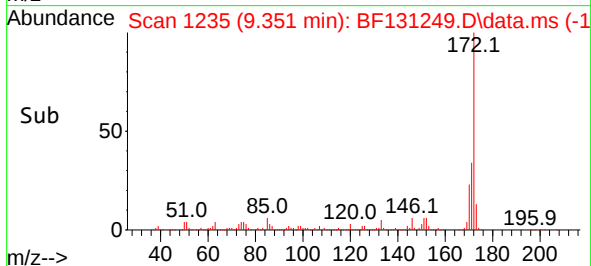
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



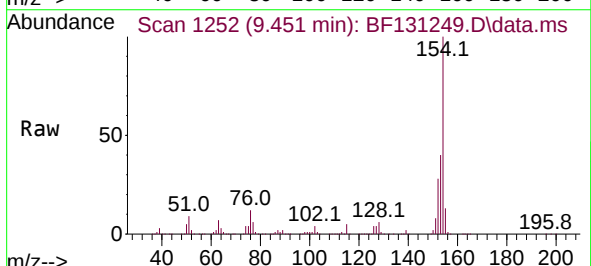
Tgt Ion:172 Resp: 1103396
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 23.0 18.8 28.2

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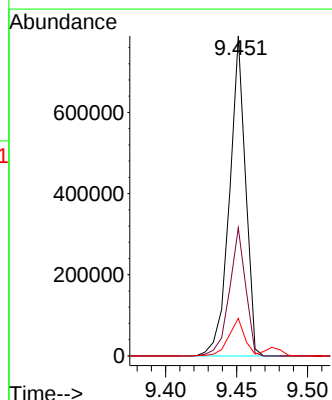
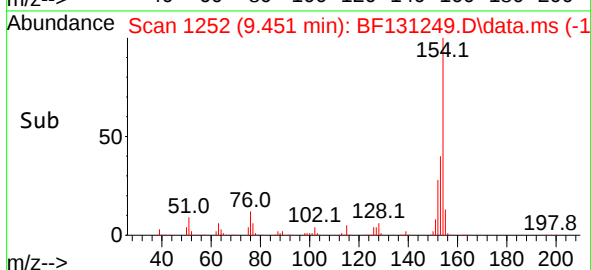
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

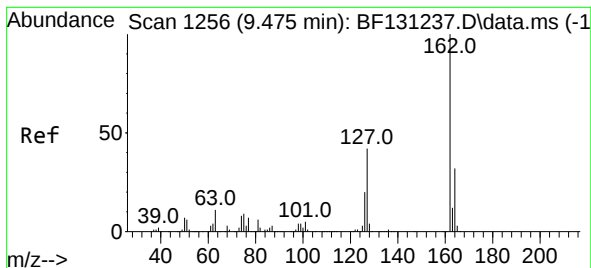


#46
1,1'-Biphenyl
Concen: 40.608 ng
RT: 9.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:154 Resp: 620195
Ion Ratio Lower Upper
154 100
153 40.0 20.8 60.8
76 11.8 0.0 31.6





#47

2-Chloronaphthalene

Concen: 39.950 ng

RT: 9.475 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

Tgt Ion:162 Resp: 494268

Ion Ratio Lower Upper

162 100

127 42.6 34.1 51.1

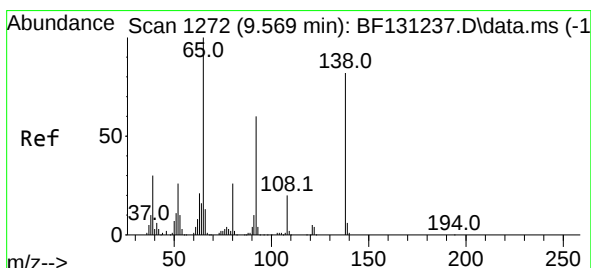
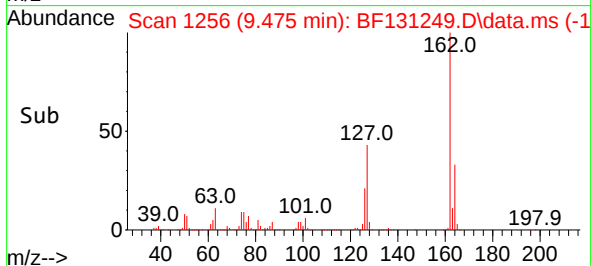
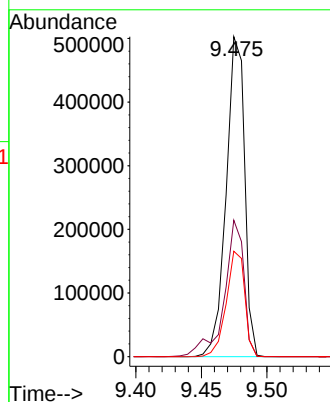
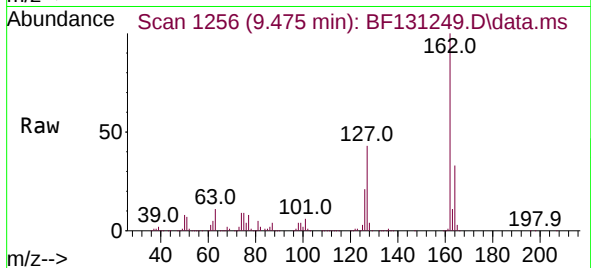
164 32.9 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#48

2-Nitroaniline

Concen: 44.140 ng

RT: 9.569 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

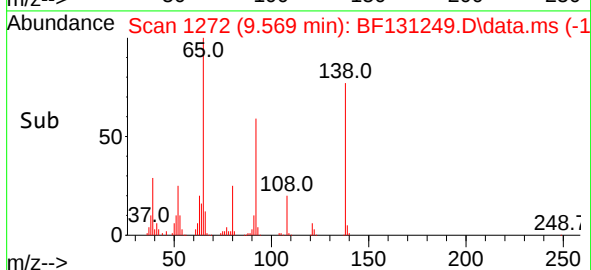
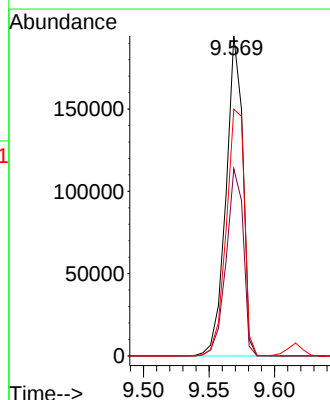
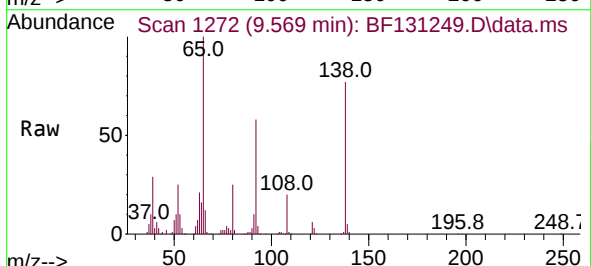
Tgt Ion: 65 Resp: 173827

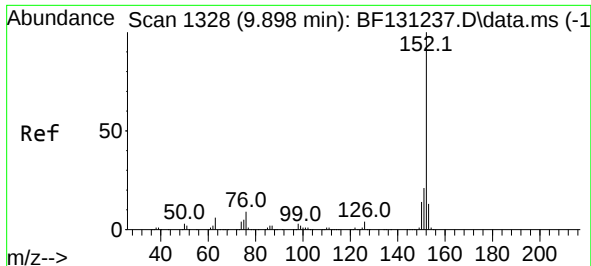
Ion Ratio Lower Upper

65 100

92 58.5 48.2 72.2

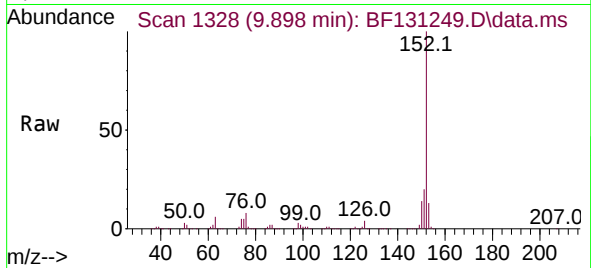
138 77.1 65.8 98.8





#49
Acenaphthylene
Concen: 40.036 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

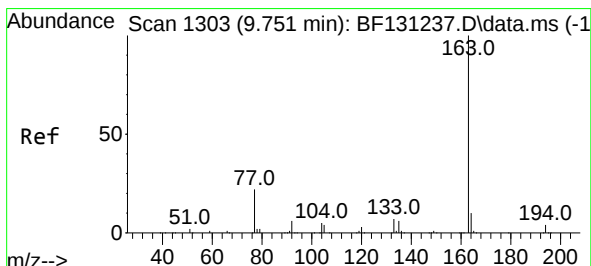
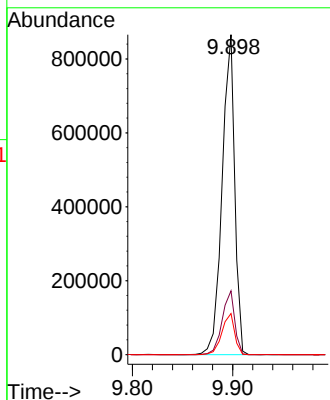
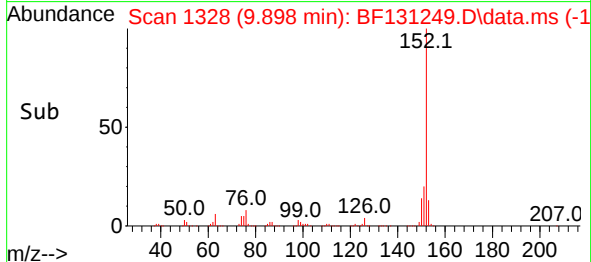
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



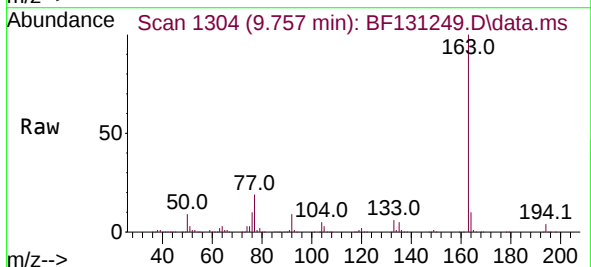
Tgt Ion:152 Resp: 756392
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 12.8 10.5 15.7

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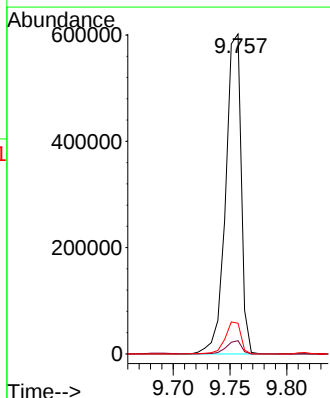
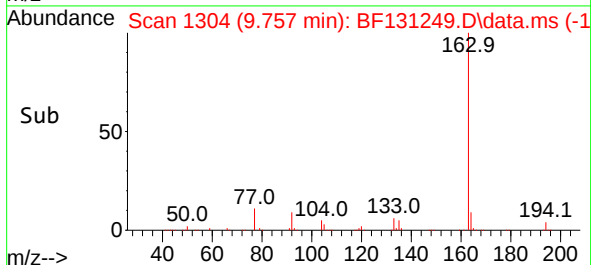
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

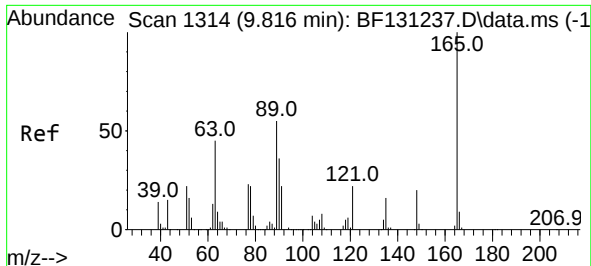


#50
Dimethylphthalate
Concen: 40.176 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



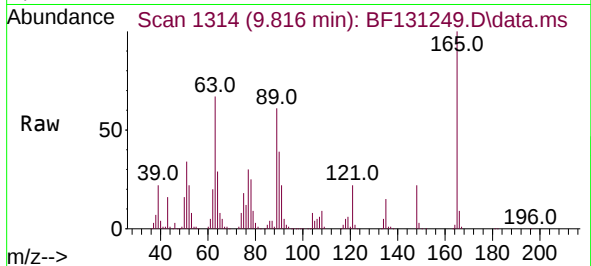
Tgt Ion:163 Resp: 571549
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.6 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 43.743 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

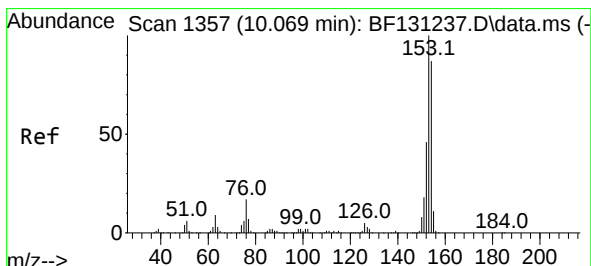
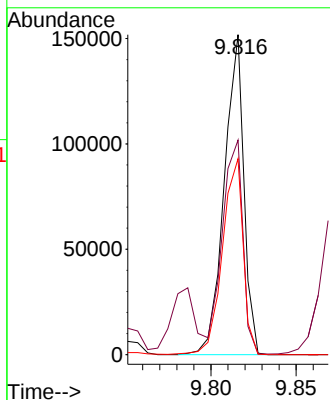
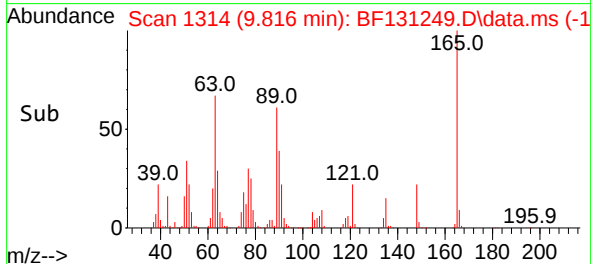
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



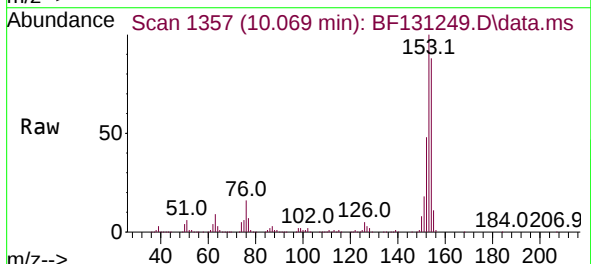
Tgt Ion:165 Resp: 121284
Ion Ratio Lower Upper
165 100
63 67.0 49.8 74.6
89 61.3 44.5 66.7

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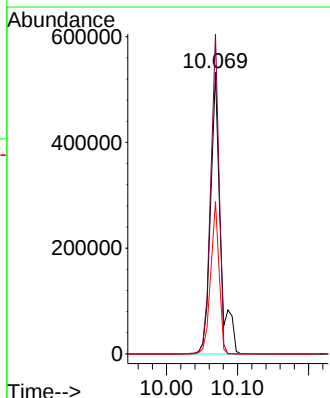
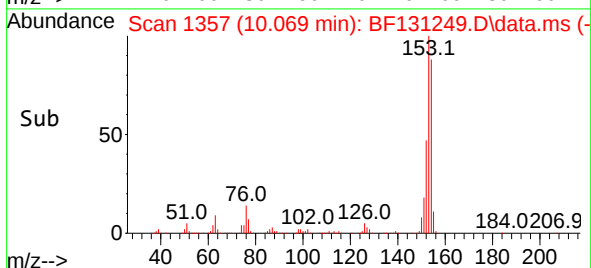
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

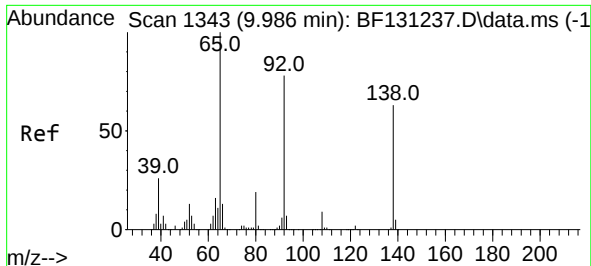


#52
Acenaphthene
Concen: 43.642 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:154 Resp: 514657
Ion Ratio Lower Upper
154 100
153 113.7 91.4 137.2
152 54.1 42.4 63.6





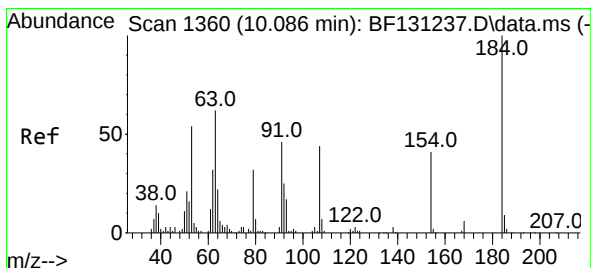
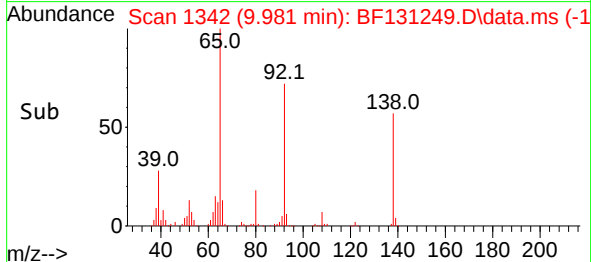
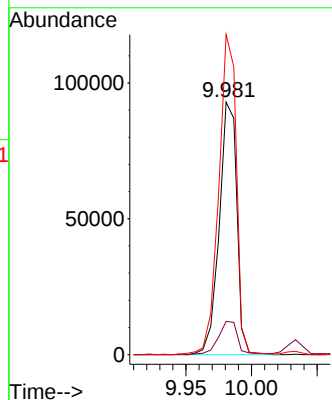
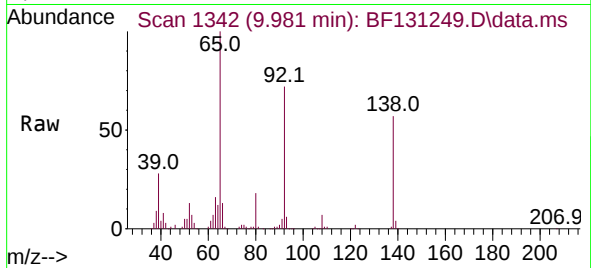
#53
3-Nitroaniline
Concen: 30.218 ng
RT: 9.981 min Scan# 1342
Delta R.T. -0.005 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PB148960BSD

Tgt Ion:138 Resp: 86852
Ion Ratio Lower Upper
138 100
108 13.1 11.4 17.2
92 126.7 98.6 148.0

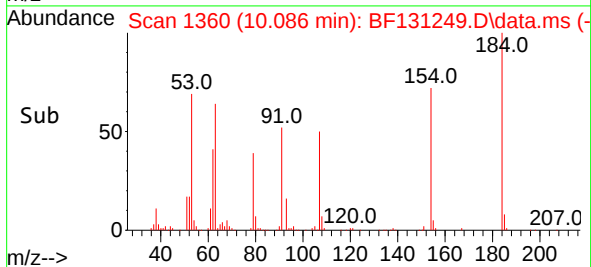
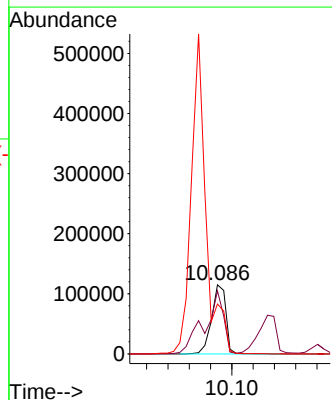
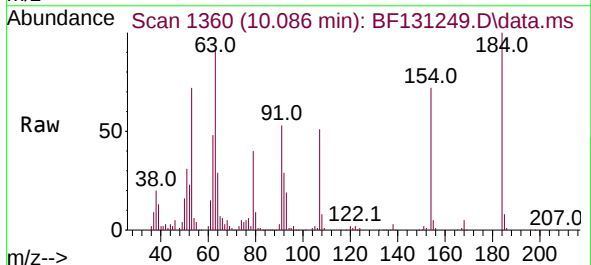
Manual Integrations
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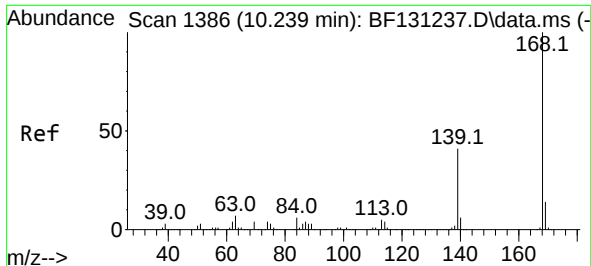
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#54
2,4-Dinitrophenol
Concen: 83.083 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

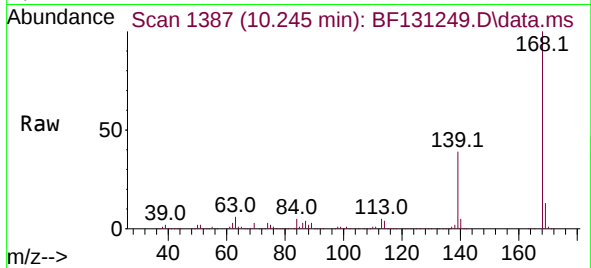
Tgt Ion:184 Resp: 106596
Ion Ratio Lower Upper
184 100
63 91.3 52.5 78.7#
154 72.4 54.0 81.0





#55
Dibenzofuran
Concen: 39.690 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

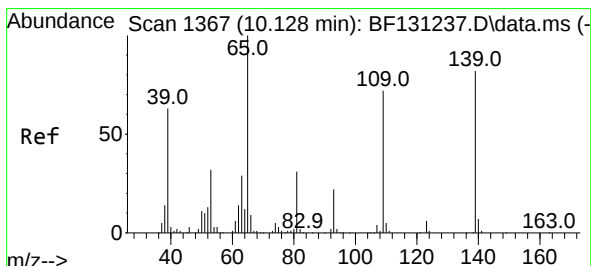
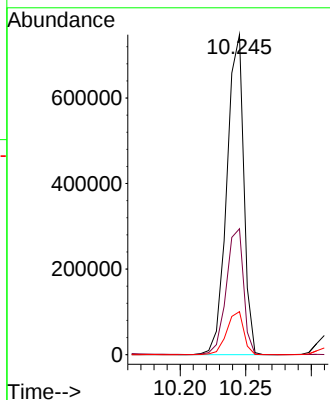
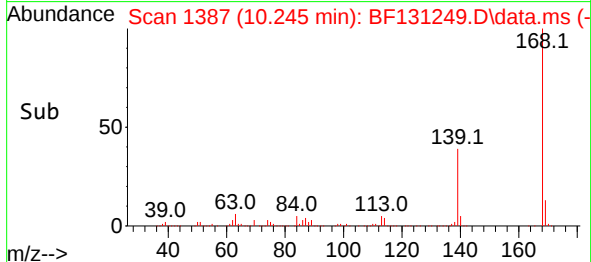
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:168 Resp: 670610
Ion Ratio Lower Upper
168 100
139 39.3 32.9 49.3
169 13.4 10.8 16.2

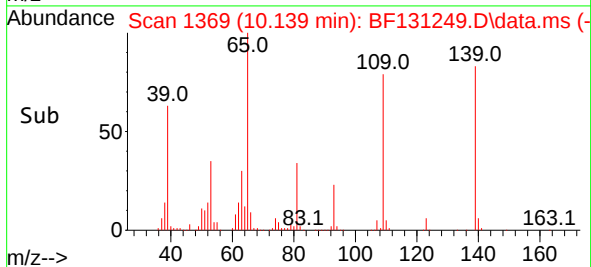
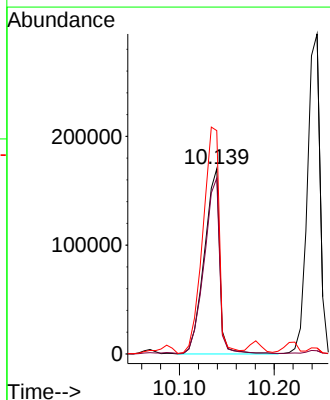
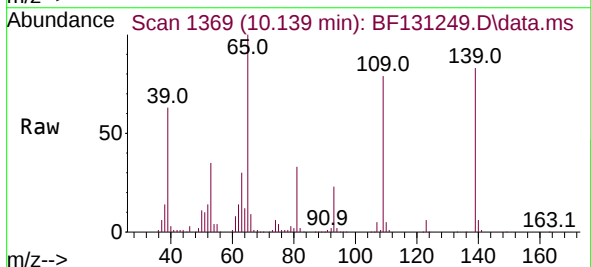
Manual Integrations
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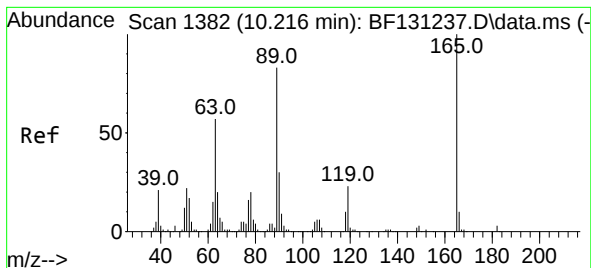
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#56
4-Nitrophenol
Concen: 86.292 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

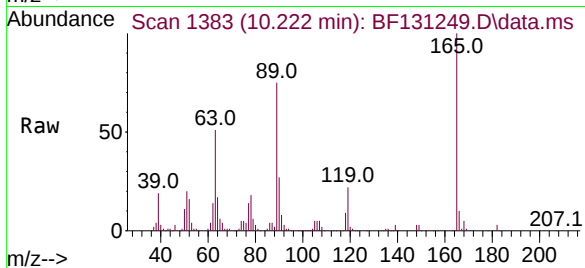
Tgt Ion:139 Resp: 193155
Ion Ratio Lower Upper
139 100
109 95.0 68.1 108.1
65 120.7 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 45.050 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

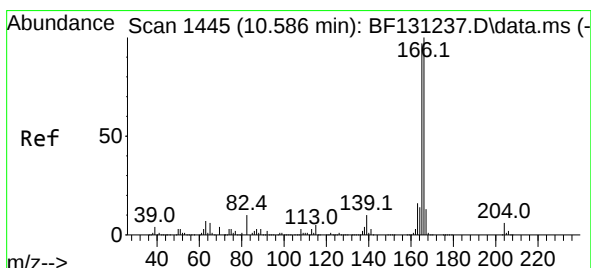
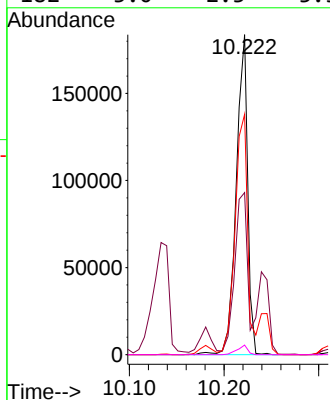
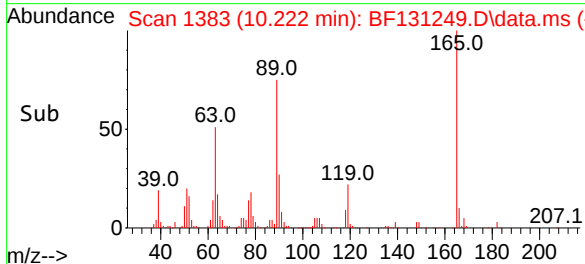
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



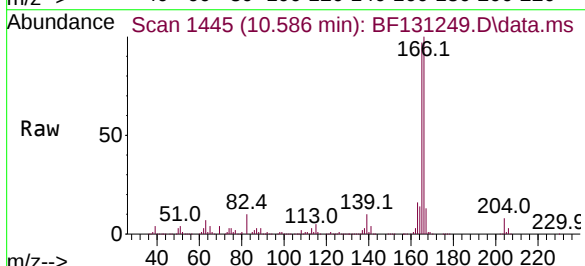
Tgt Ion:165 Resp: 155085
Ion Ratio Lower Upper
165 100
63 50.6 46.0 69.0
89 75.1 66.2 99.4
182 3.0 2.3 3.5

Manual Integrations
APPROVED

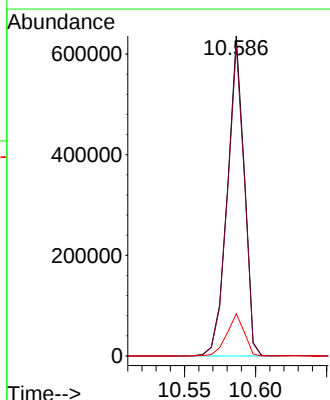
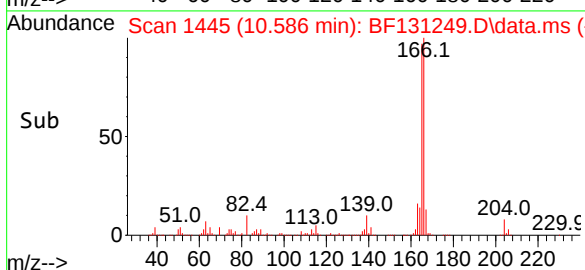
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

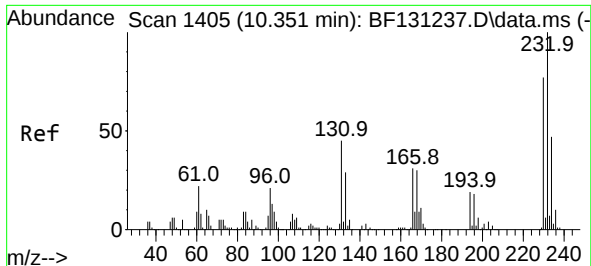


#58
Fluorene
Concen: 39.490 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



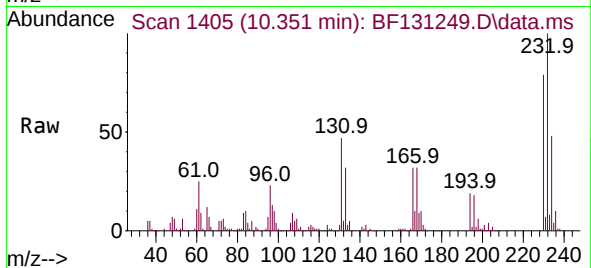
Tgt Ion:166 Resp: 525044
Ion Ratio Lower Upper
166 100
165 97.1 77.4 116.0
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.692 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

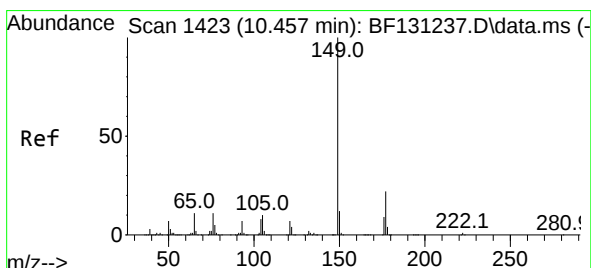
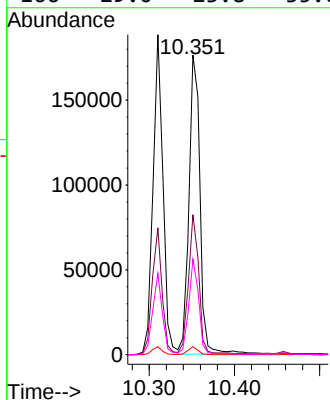
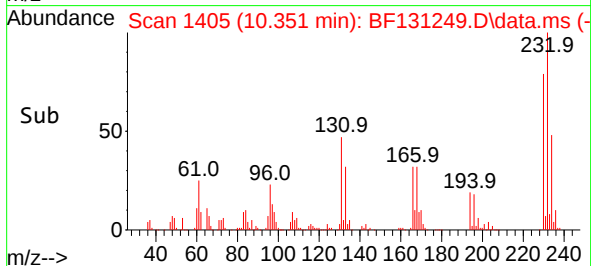
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



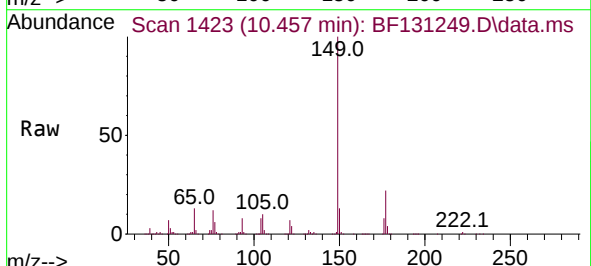
Tgt Ion:232 Resp: 158506
Ion Ratio Lower Upper
232 100
131 43.9 34.6 51.8
130 2.4 1.9 2.9
166 29.0 23.8 35.6

Manual Integrations
APPROVED

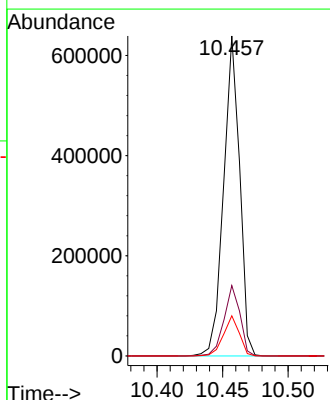
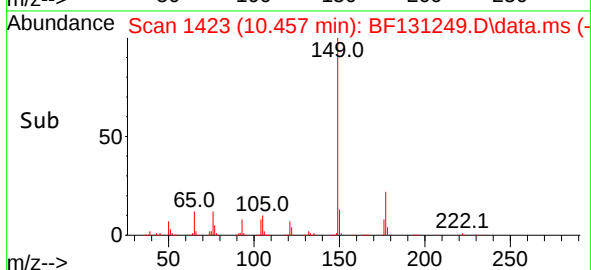
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

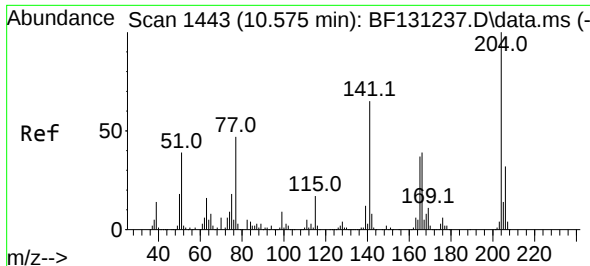


#60
Diethylphthalate
Concen: 40.369 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



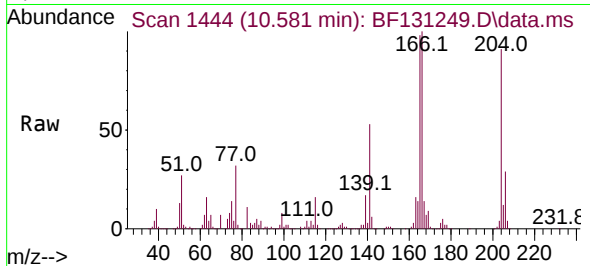
Tgt Ion:149 Resp: 542873
Ion Ratio Lower Upper
149 100
177 22.0 17.9 26.9
150 12.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.021 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

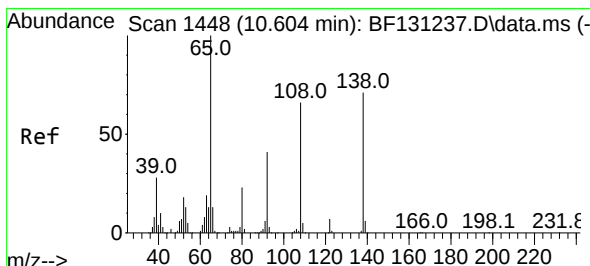
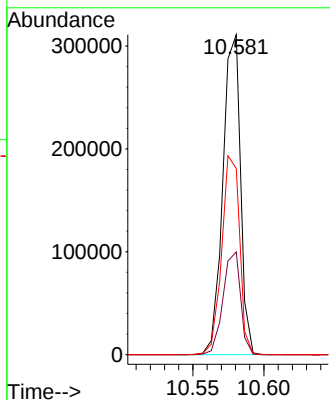
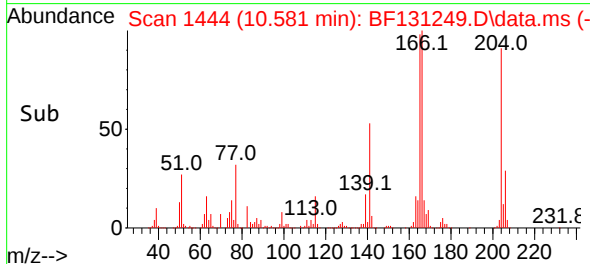
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:204 Resp: 269682
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 58.2 52.1 78.1

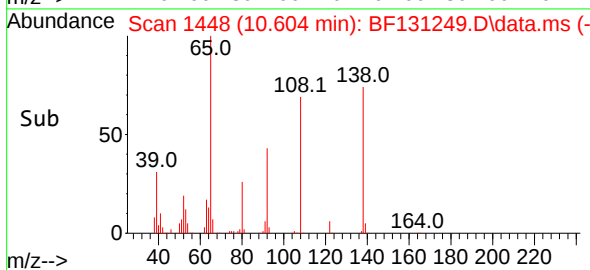
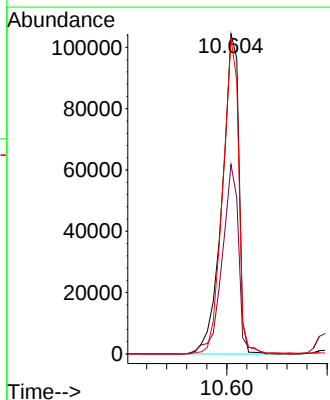
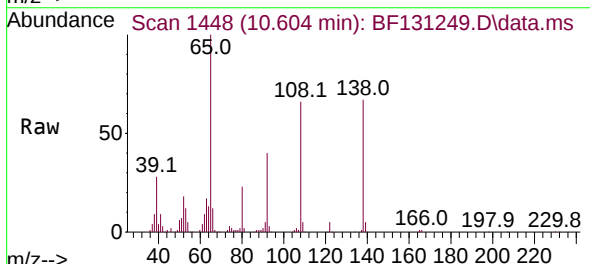
Manual Integrations
APPROVED

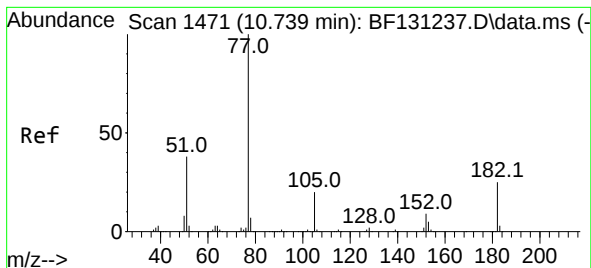
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#62
4-Nitroaniline
Concen: 41.723 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

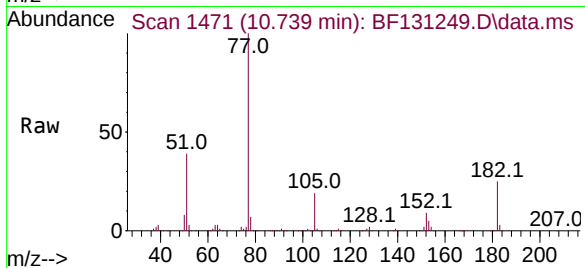
Tgt Ion:138 Resp: 121728
Ion Ratio Lower Upper
138 100
92 59.2 37.6 77.6
108 98.7 73.2 113.2





#63
Azobenzene
Concen: 39.800 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

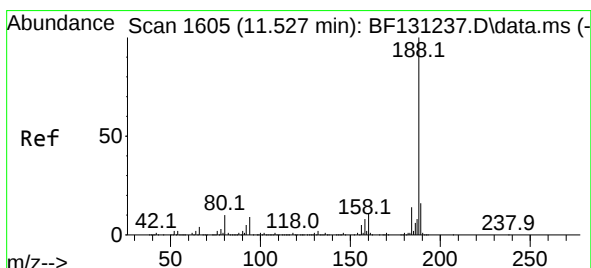
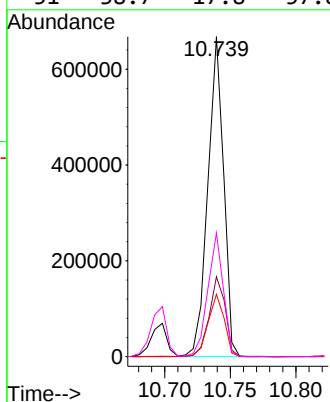
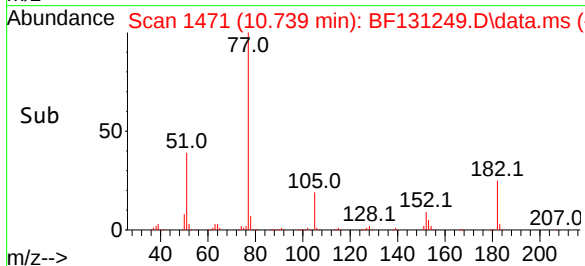
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



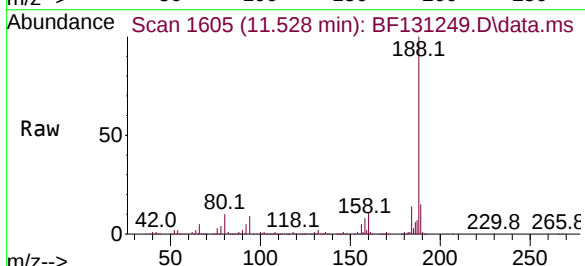
Tgt Ion: 77 Resp: 560363
Ion Ratio Lower Upper
77 100
182 25.0 5.0 45.0
105 19.5 0.1 40.1
51 38.7 17.8 57.8

Manual Integrations
APPROVED

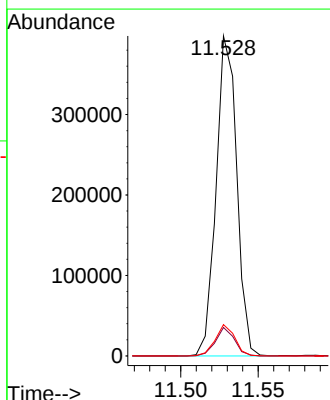
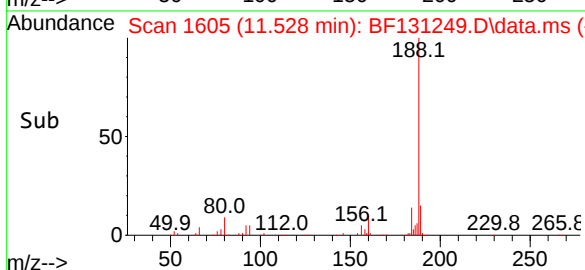
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

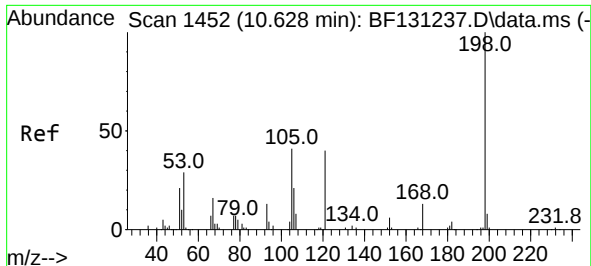


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:188 Resp: 367887
Ion Ratio Lower Upper
188 100
94 8.9 6.8 10.2
80 9.8 8.0 12.0





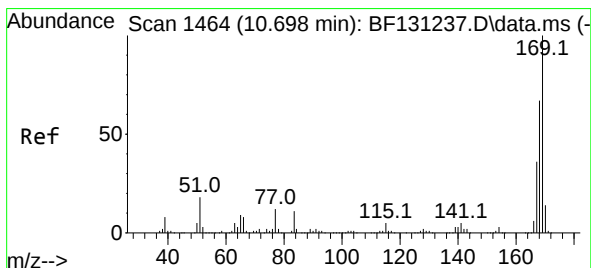
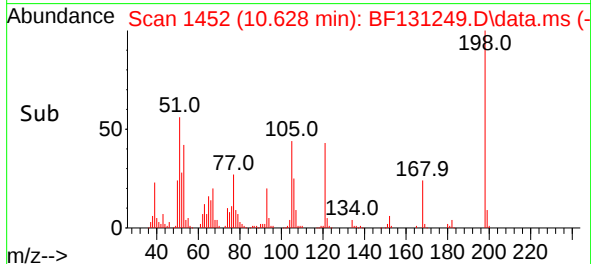
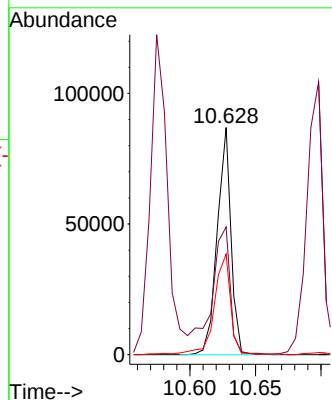
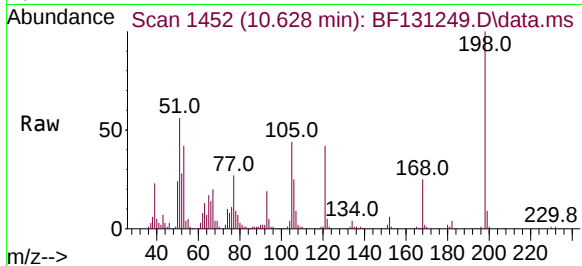
#65
4,6-Dinitro-2-methylphenol
Concen: 40.070 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PB148960BSD

Tgt Ion:198 Resp: 63684
Ion Ratio Lower Upper
198 100
51 56.2 29.4 69.4
105 44.2 22.2 62.2

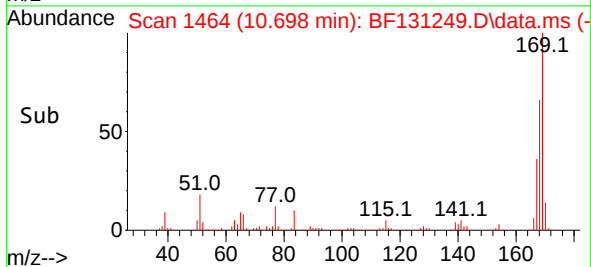
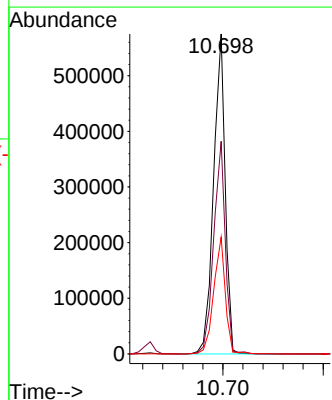
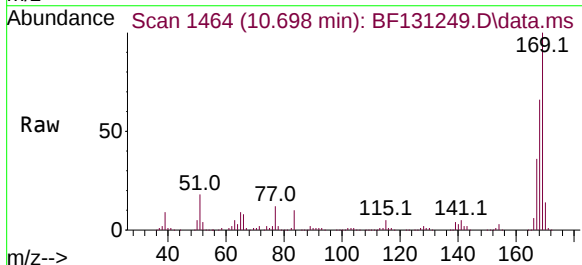
Manual Integrations
APPROVED

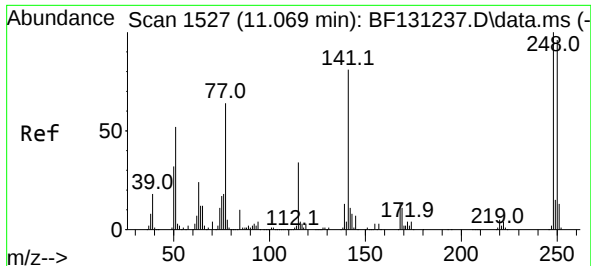
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#66
n-Nitrosodiphenylamine
Concen: 39.484 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

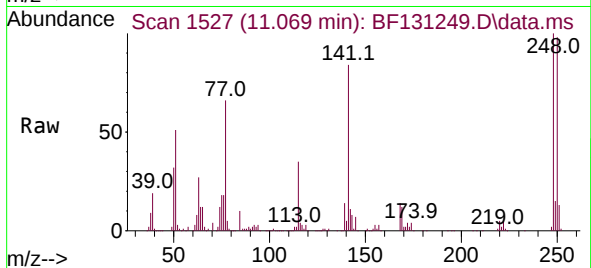
Tgt Ion:169 Resp: 461494
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.0
167 36.5 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 39.751 ng
RT: 11.069 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

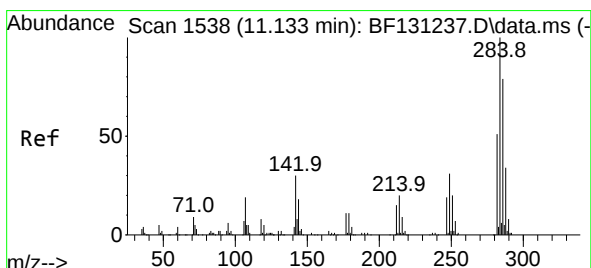
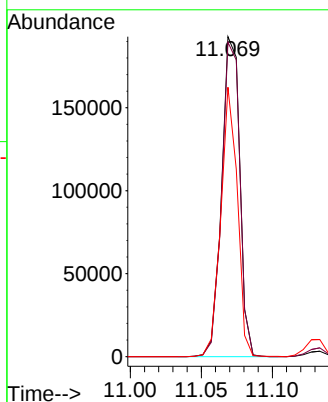
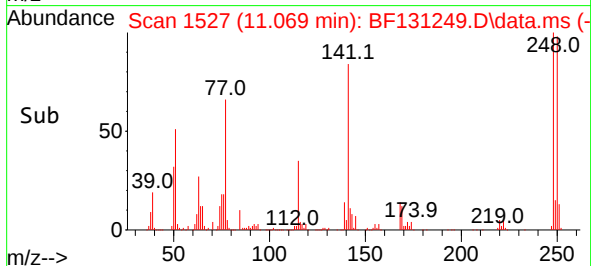
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



Tgt Ion:248 Resp: 171706
Ion Ratio Lower Upper
248 100
250 98.2 76.6 114.8
141 84.2 64.7 97.1

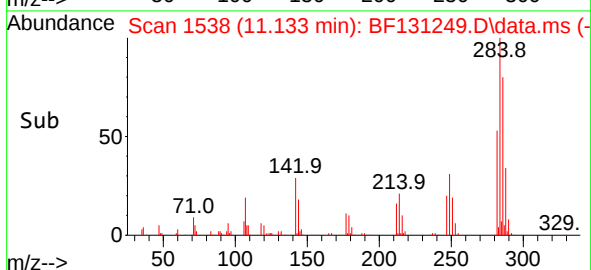
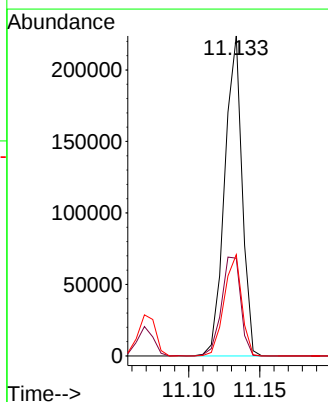
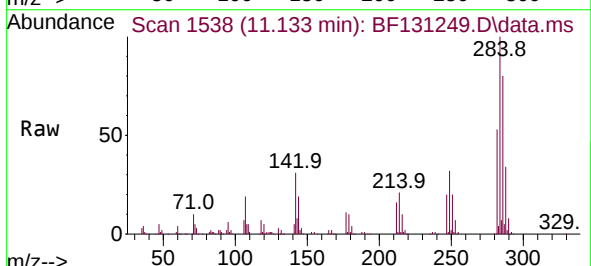
Manual Integrations
APPROVED

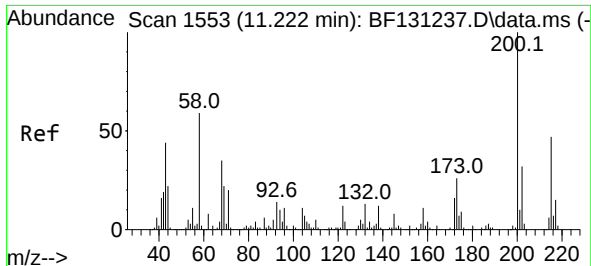
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#68
Hexachlorobenzene
Concen: 40.734 ng
RT: 11.133 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

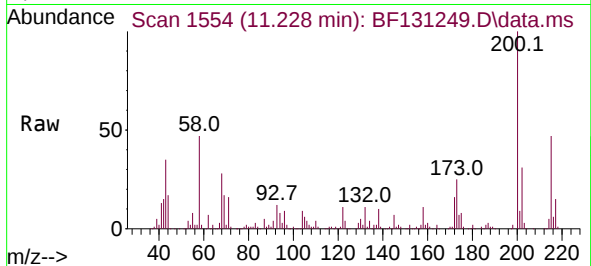
Tgt Ion:284 Resp: 190683
Ion Ratio Lower Upper
284 100
142 30.5 24.3 36.5
249 31.6 24.8 37.2





#69
Atrazine
Concen: 44.236 ng
RT: 11.228 min Scan# 1553
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

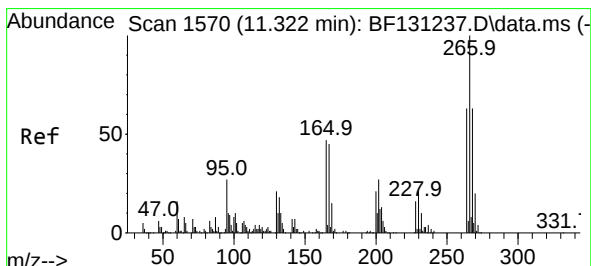
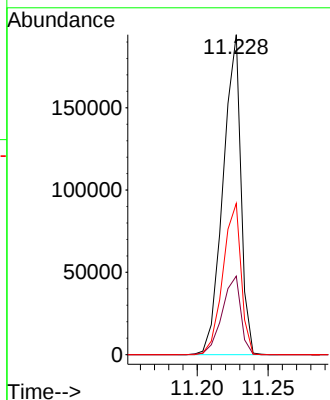
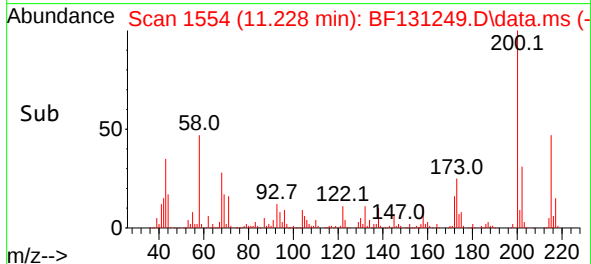
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



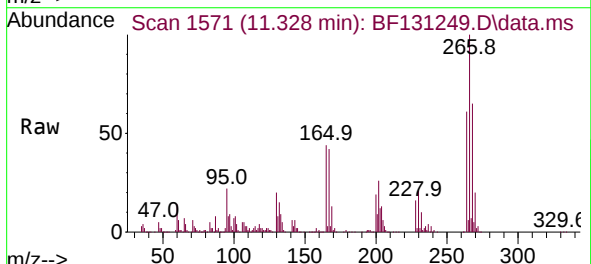
Tgt Ion:200 Resp: 169476
Ion Ratio Lower Upper
200 100
173 24.5 6.4 46.4
215 47.2 26.5 66.5

Manual Integrations
APPROVED

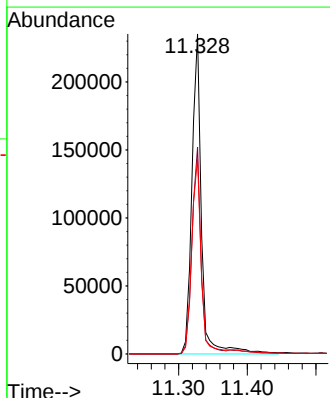
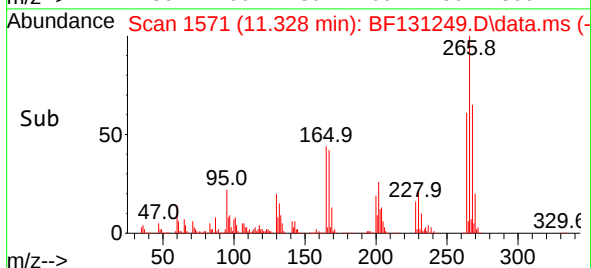
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

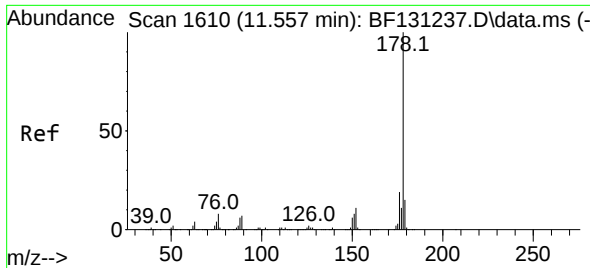


#70
Pentachlorophenol
Concen: 82.985 ng m
RT: 11.328 min Scan# 1571
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:266 Resp: 226741
Ion Ratio Lower Upper
266 100
268 64.6 50.5 75.7
264 61.1 50.4 75.6





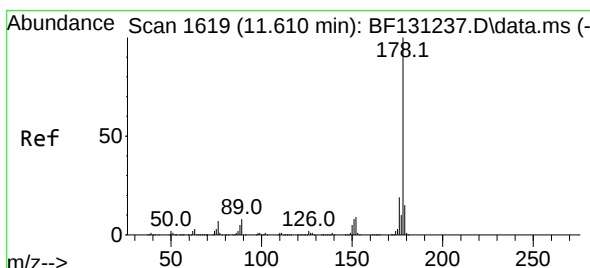
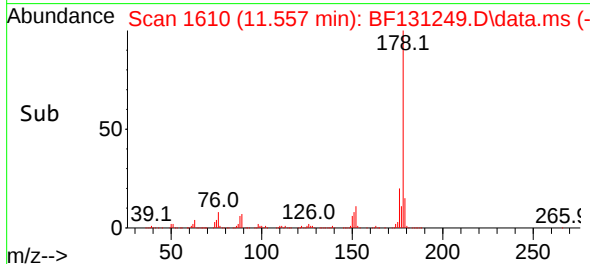
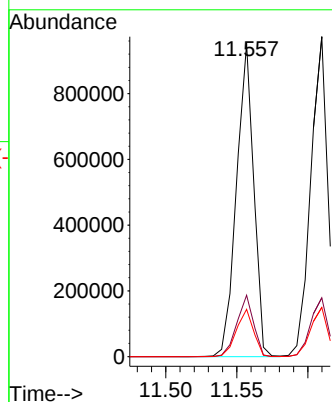
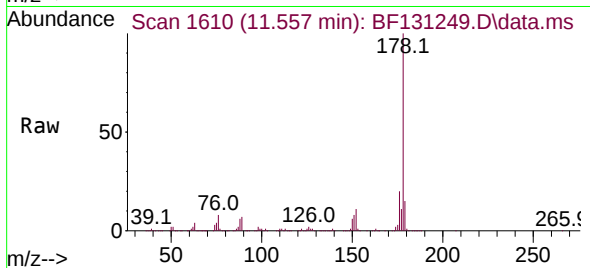
#71
Phenanthrene
Concen: 39.504 ng
RT: 11.557 min Scan# 1610
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Instrument :
BNA_F
ClientSampleId :
PB148960BSD

Tgt Ion:178 Resp: 802053
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.1 12.1 18.1

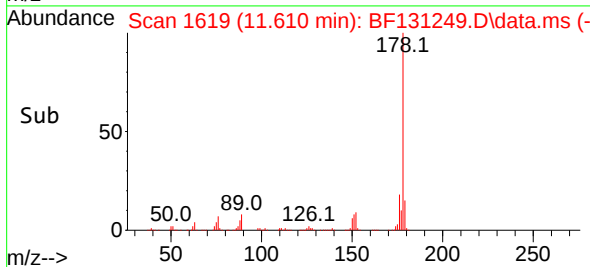
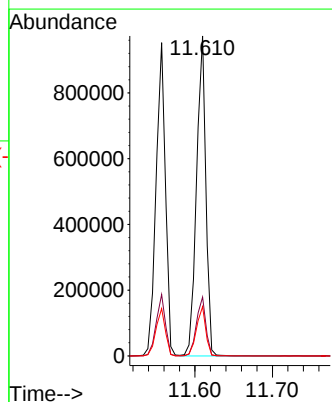
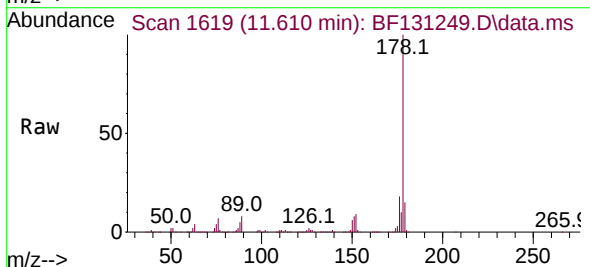
Manual Integrations
APPROVED

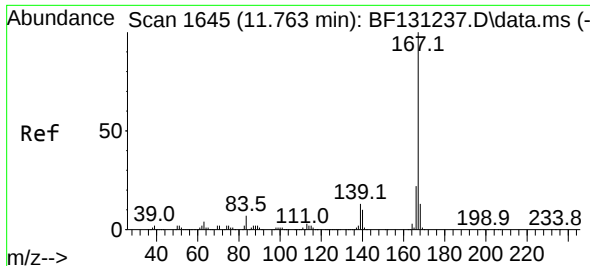
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022



#72
Anthracene
Concen: 40.993 ng
RT: 11.610 min Scan# 1619
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

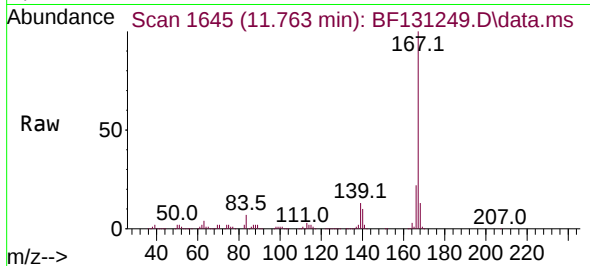
Tgt Ion:178 Resp: 813028
Ion Ratio Lower Upper
178 100
176 18.4 15.2 22.8
179 15.4 12.2 18.2





#73
 Carbazole
 Concen: 41.107 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14

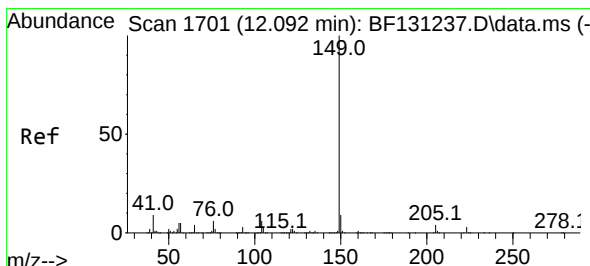
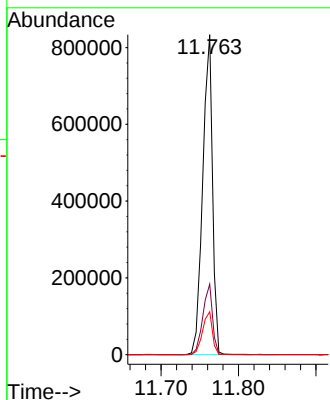
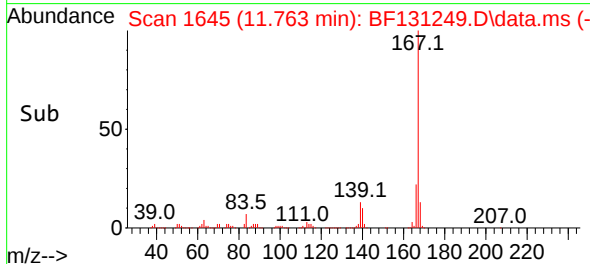
Instrument :
 BNA_F
 ClientSampleId :
 PB148960BSD



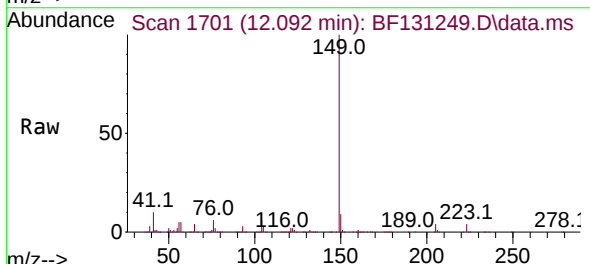
Tgt Ion:167 Resp: 729797
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 10.3 15.5

Manual Integrations
 APPROVED

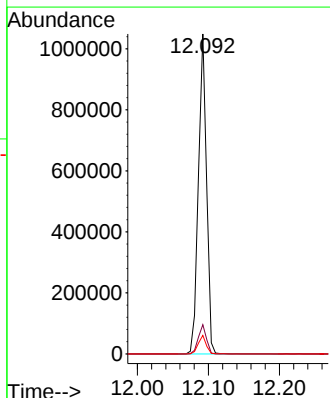
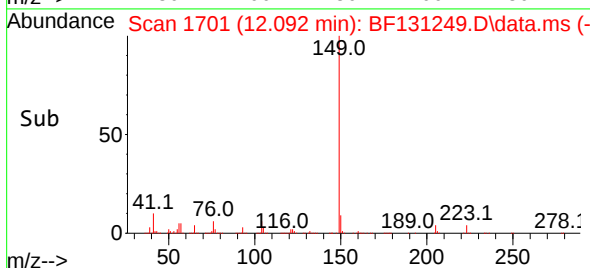
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

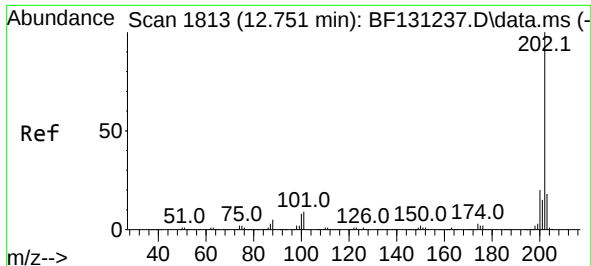


#74
 Di-n-butylphthalate
 Concen: 40.321 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14



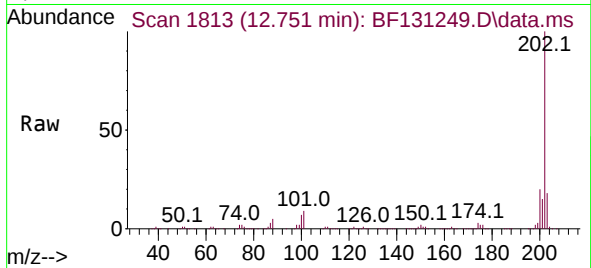
Tgt Ion:149 Resp: 833096
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.8 4.5 6.7





#75
Fluoranthene
Concen: 40.544 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

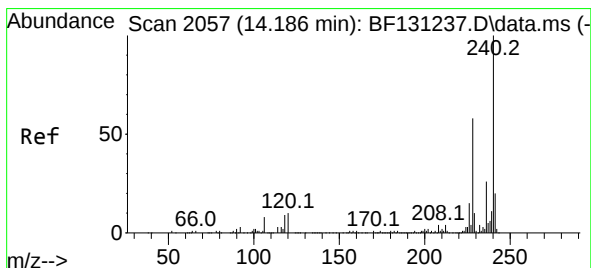
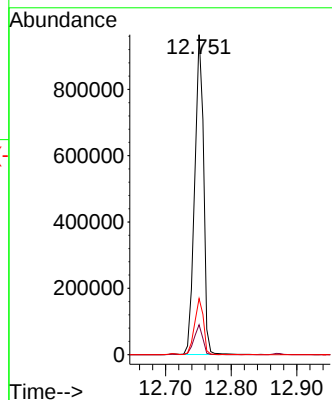
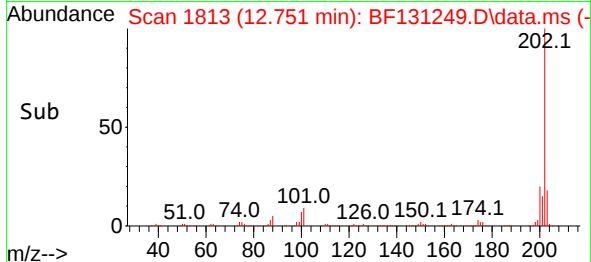
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



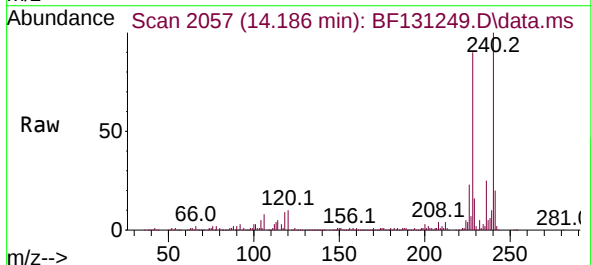
Tgt Ion:202 Resp: 907834
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.4
203 17.5 0.0 37.7

Manual Integrations
APPROVED

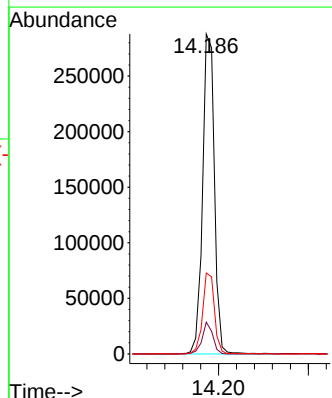
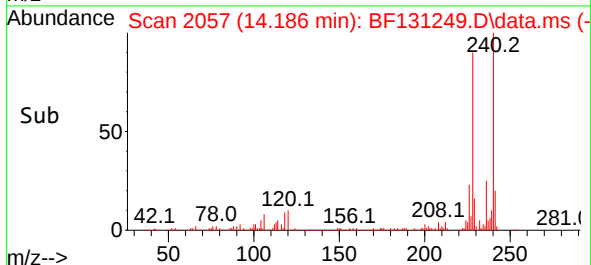
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

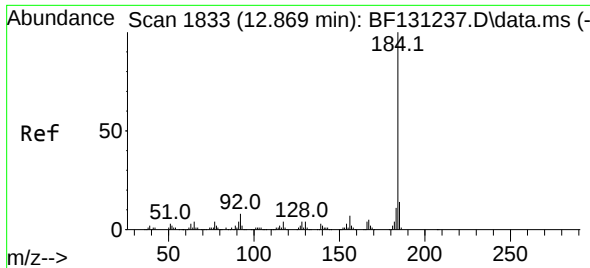


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



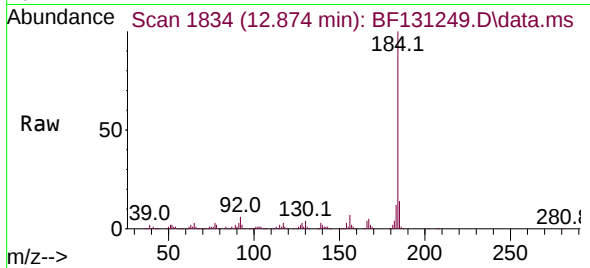
Tgt Ion:240 Resp: 263122
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.3 20.6 31.0





#77
Benzidine
Concen: 68.318 ng
RT: 12.874 min Scan# 1833
Delta R.T. 0.005 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

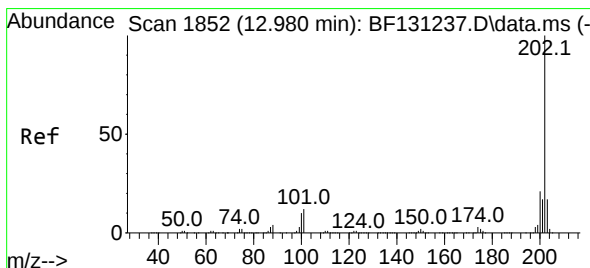
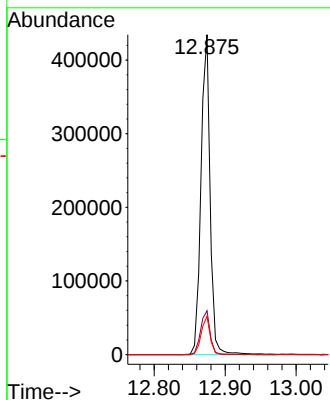
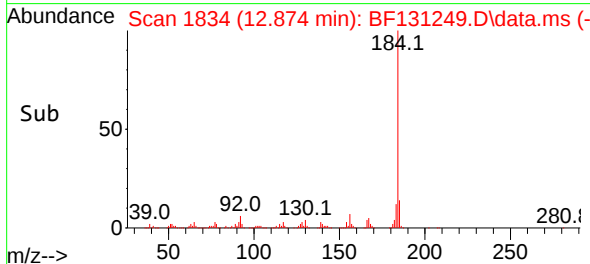
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



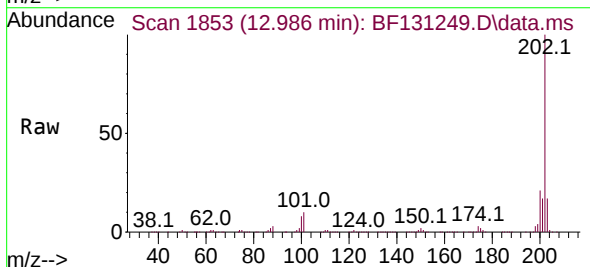
Tgt Ion:184 Resp: 385217
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.2
183 12.0 9.0 13.4

Manual Integrations
APPROVED

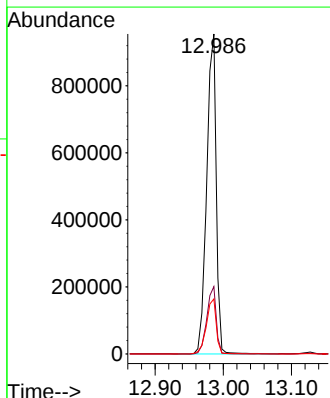
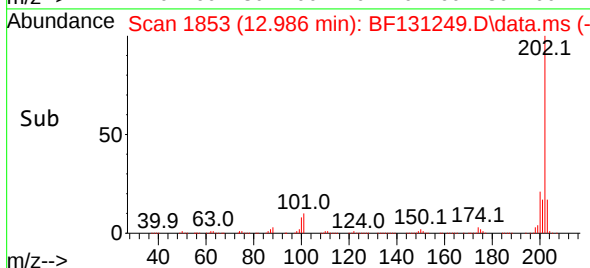
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

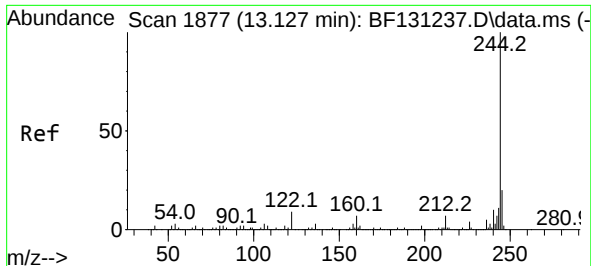


#78
Pyrene
Concen: 40.886 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



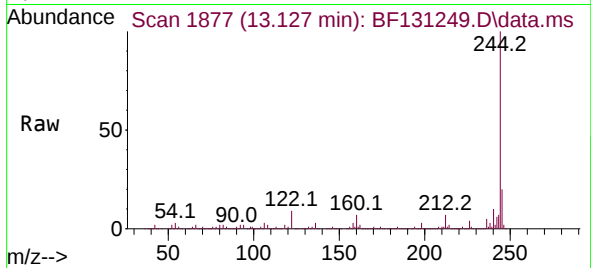
Tgt Ion:202 Resp: 927363
Ion Ratio Lower Upper
202 100
200 21.0 16.4 24.6
203 17.2 14.0 21.0





#79
 Terphenyl-d14
 Concen: 89.402 ng
 RT: 13.127 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14

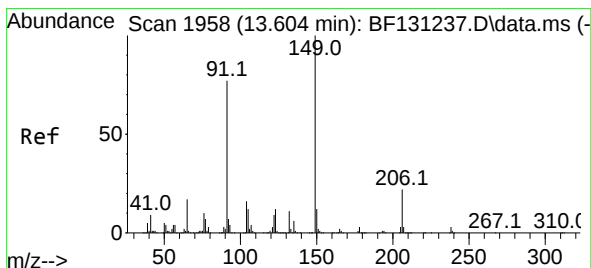
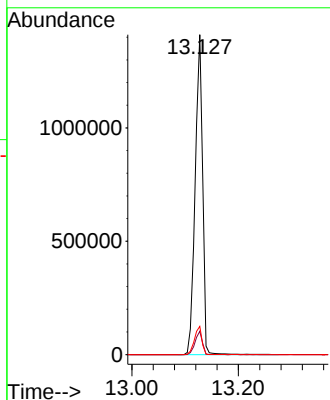
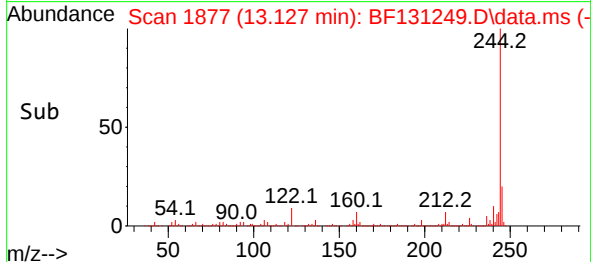
Instrument :
 BNA_F
 ClientSampleId :
 PB148960BSD



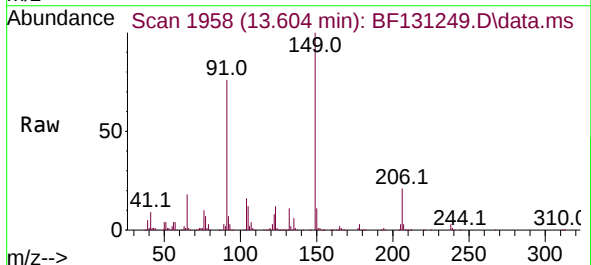
Tgt Ion:244 Resp: 1369833
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.9 7.4 11.2

Manual Integrations
 APPROVED

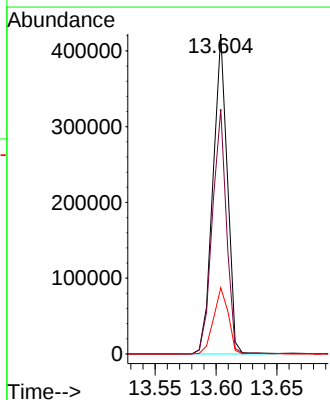
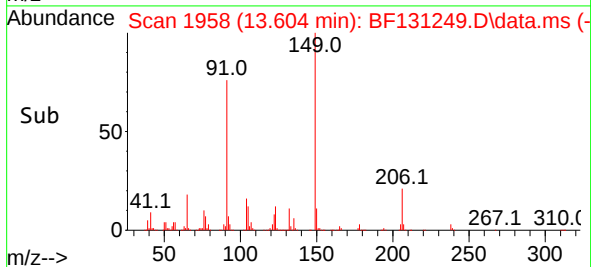
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

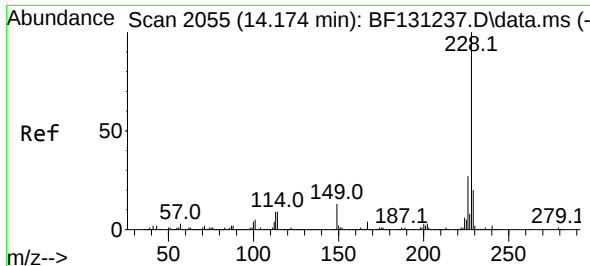


#80
 Butylbenzylphthalate
 Concen: 44.867 ng
 RT: 13.604 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14



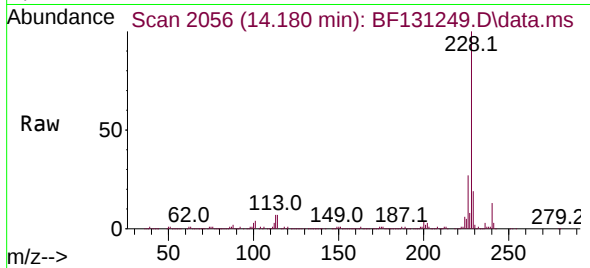
Tgt Ion:149 Resp: 344886
 Ion Ratio Lower Upper
 149 100
 91 76.4 61.5 92.3
 206 20.7 17.4 26.2





#81
Benzo(a)anthracene
Concen: 40.380 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

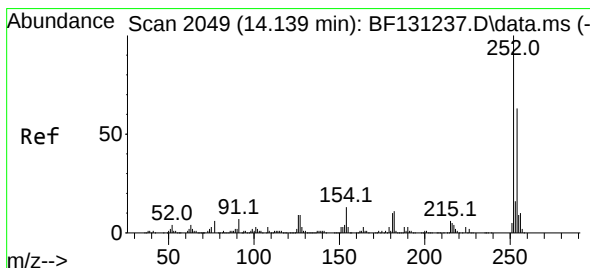
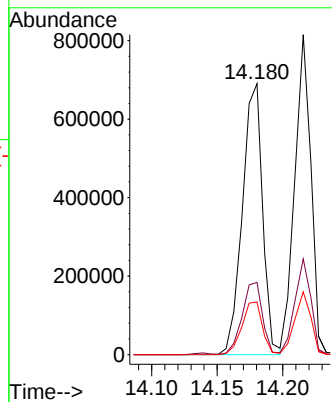
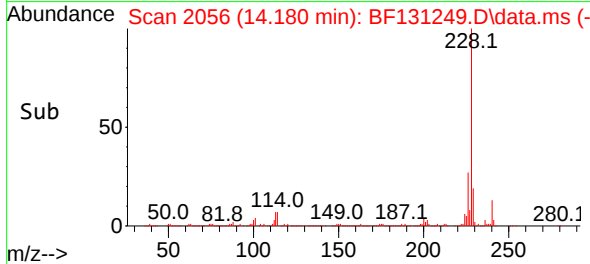
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



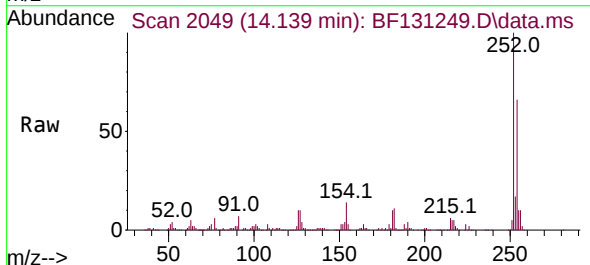
Tgt Ion:228 Resp: 738414
Ion Ratio Lower Upper
228 100
226 26.7 21.3 31.9
229 19.4 15.8 23.6

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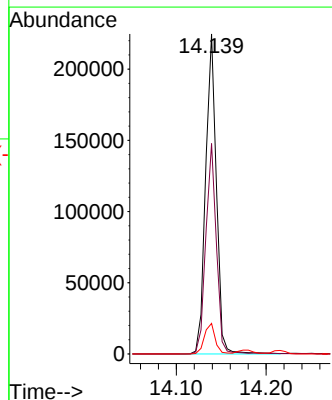
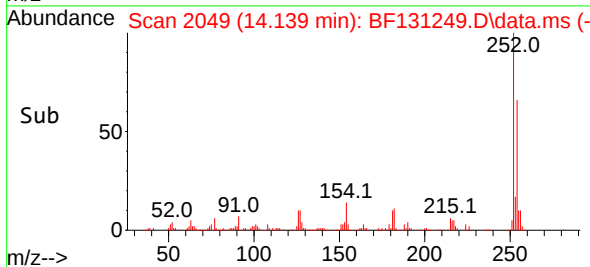
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

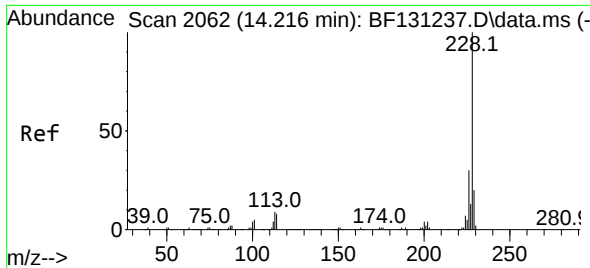


#82
3,3'-Dichlorobenzidine
Concen: 34.956 ng
RT: 14.139 min Scan# 2049
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



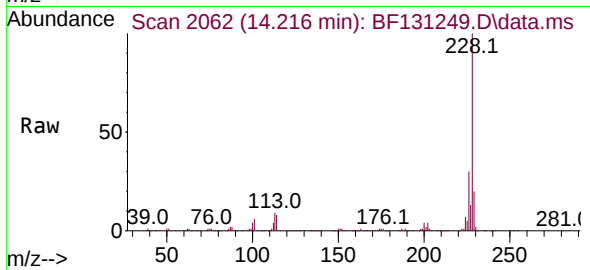
Tgt Ion:252 Resp: 187045
Ion Ratio Lower Upper
252 100
254 65.7 50.2 75.4
126 9.5 7.4 11.2





#83
Chrysene
Concen: 39.404 ng
RT: 14.216 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

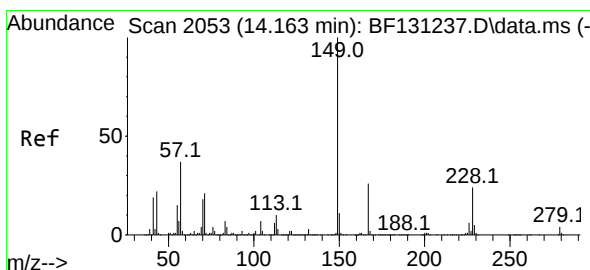
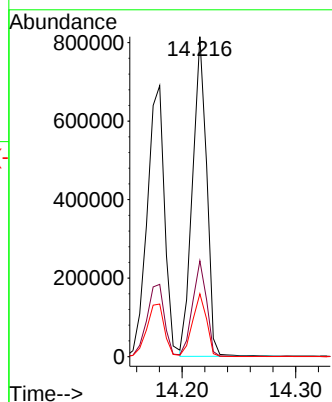
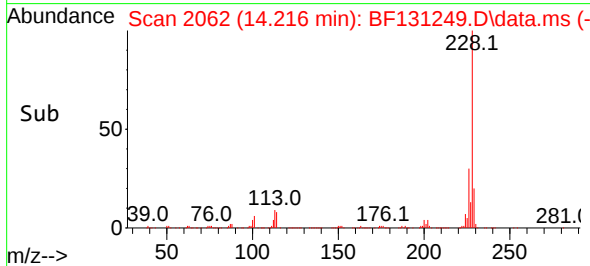
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



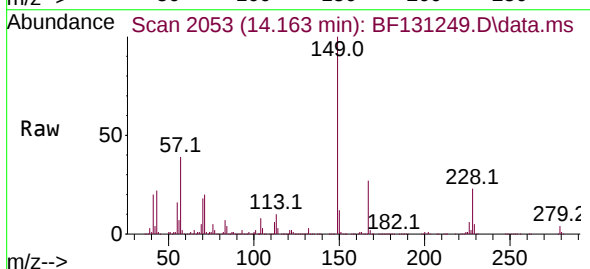
Tgt Ion:228 Resp: 701962
Ion Ratio Lower Upper
228 100
226 29.9 23.8 35.6
229 19.6 15.9 23.9

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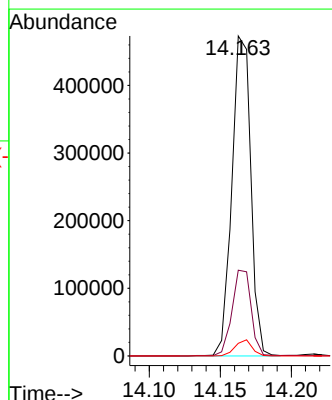
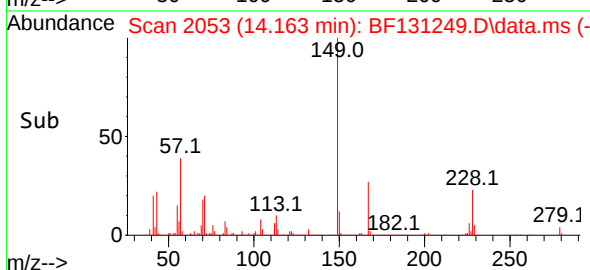
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

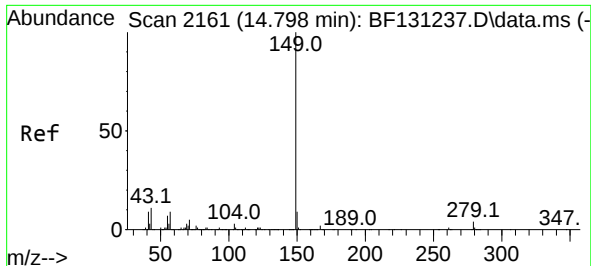


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.410 ng
RT: 14.163 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



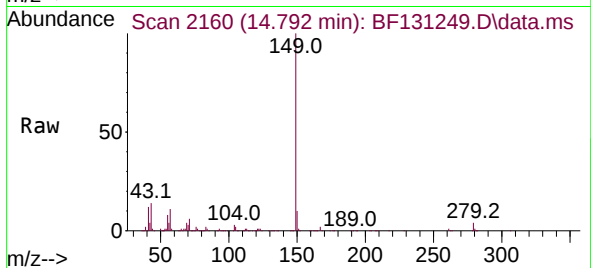
Tgt Ion:149 Resp: 438998
Ion Ratio Lower Upper
149 100
167 26.8 20.9 31.3
279 3.9 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 46.805 ng
RT: 14.792 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

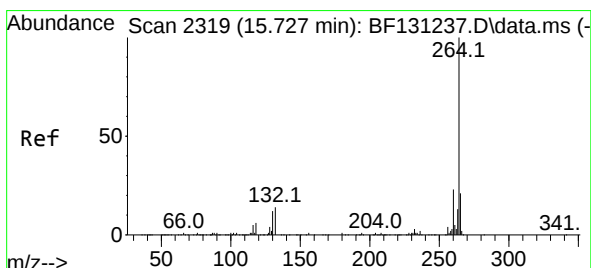
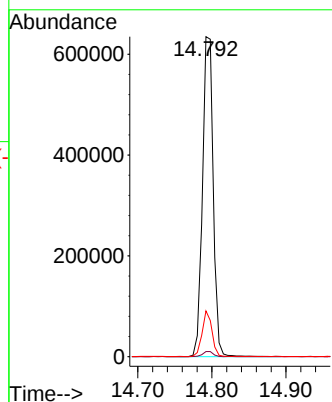
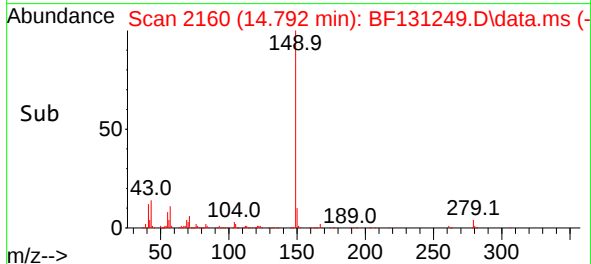
Instrument :
BNA_F
ClientSampleId :
PB148960BSD



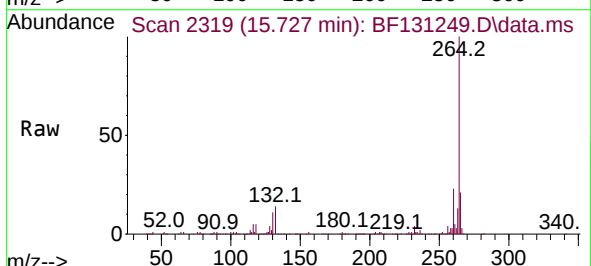
Tgt Ion:149 Resp: 63942
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.2 10.1 15.1

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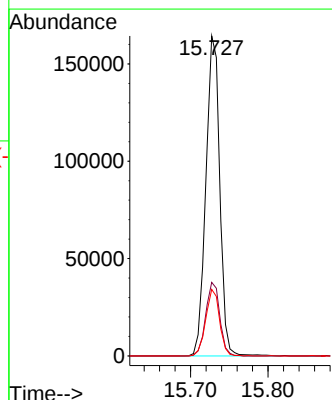
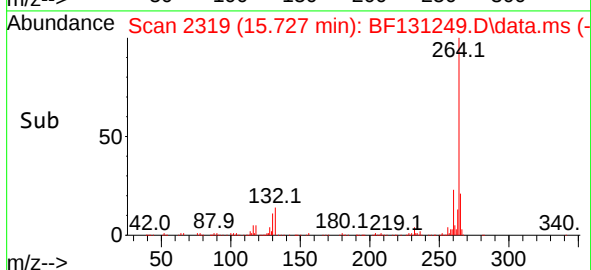
Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

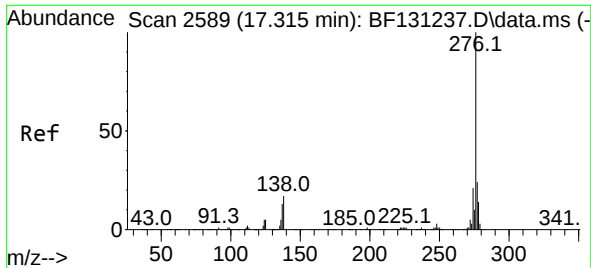


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 2319
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:264 Resp: 204327
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 20.8 16.6 24.8





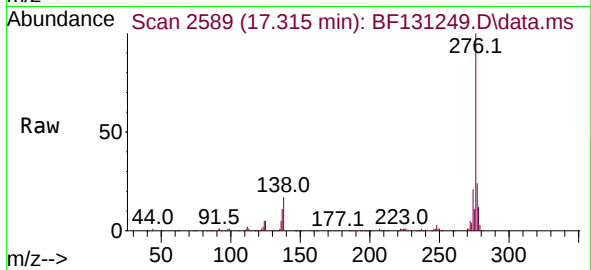
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.667 ng
 RT: 17.315 min Scan# 2589
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

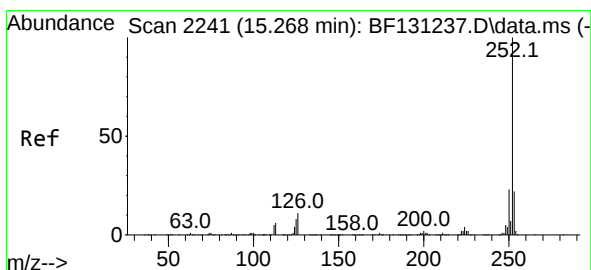
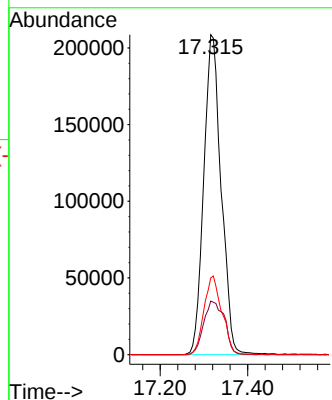
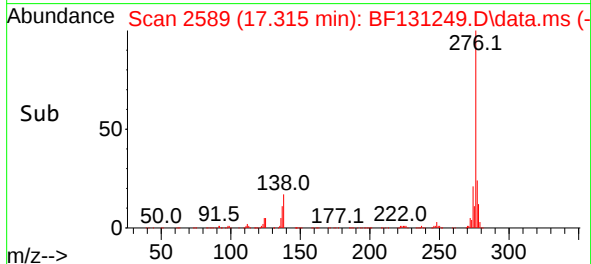


Tgt Ion:276 Resp: 57594
 Ion Ratio Lower Upper
 276 100
 138 20.0 16.6 24.8
 277 25.3 20.2 30.2

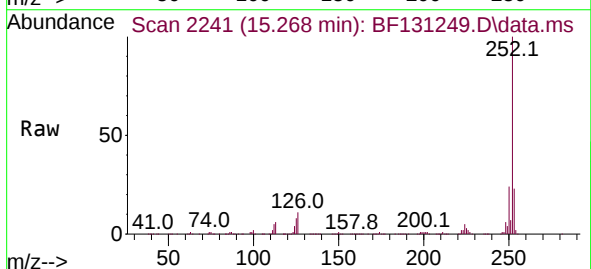
Manual Integrations

APPROVED

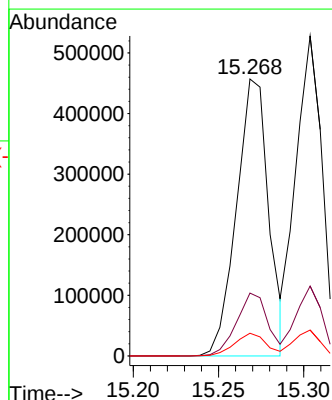
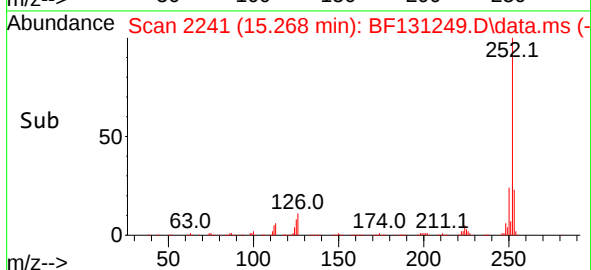
Reviewed By :Christian Giraldo 11/16/2022
 Supervised By :Jagrut Upadhyay 11/16/2022

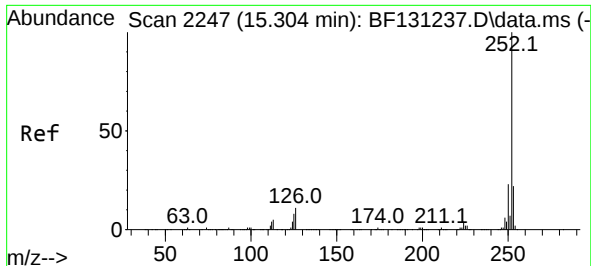


#88
 Benzo(b)fluoranthene
 Concen: 42.069 ng
 RT: 15.268 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: BF131249.D
 Acq: 16 Nov 2022 00:14



Tgt Ion:252 Resp: 600154
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.3 25.9
 125 8.2 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 40.194 ng

RT: 15.304 min Scan# 2247

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

Tgt Ion:252 Resp: 568430

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

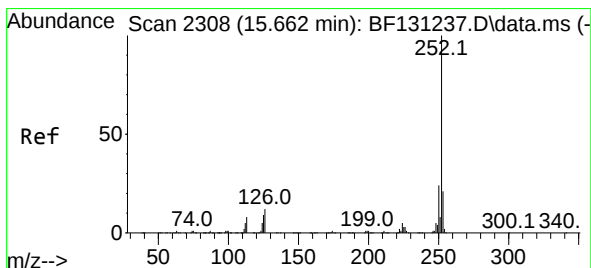
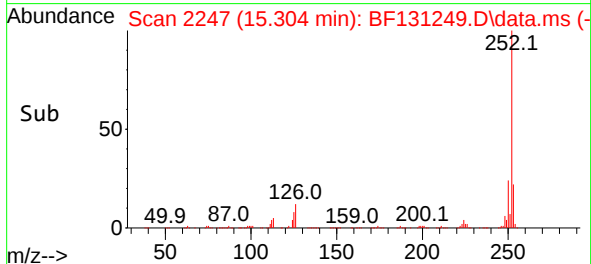
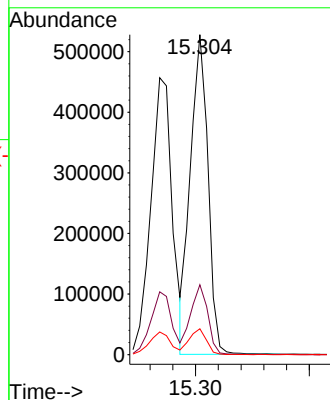
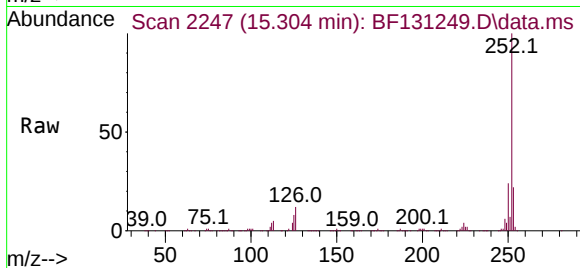
125 8.1 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/16/2022

Supervised By :Jagrut Upadhyay 11/16/2022



#90

Benzo(a)pyrene

Concen: 43.675 ng

RT: 15.663 min Scan# 2308

Delta R.T. 0.000 min

Lab File: BF131249.D

Acq: 16 Nov 2022 00:14

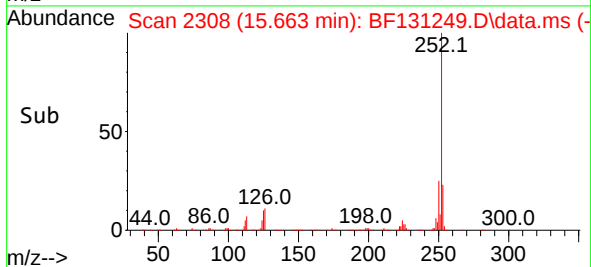
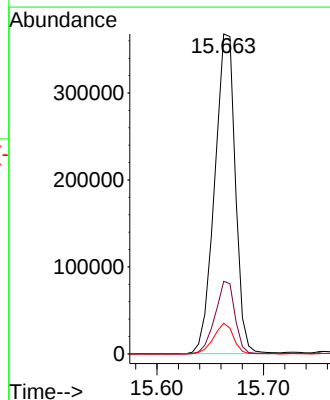
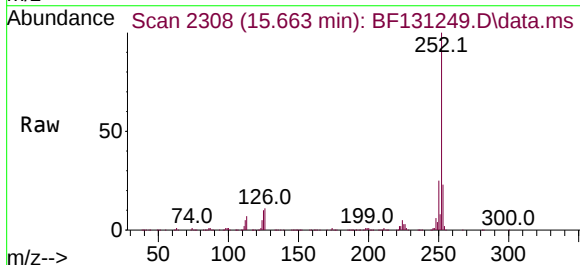
Tgt Ion:252 Resp: 498058

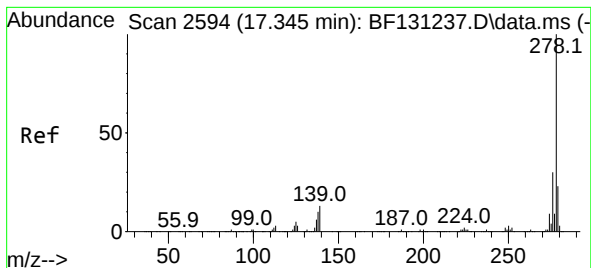
Ion Ratio Lower Upper

252 100

253 22.7 16.9 25.3

125 9.6 7.0 10.4





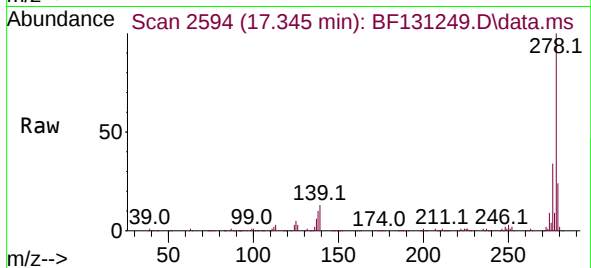
#91
Dibenzo(a,h)anthracene
Concen: 43.811 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.000 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14

Instrument :

BNA_F

ClientSampleId :

PB148960BSD

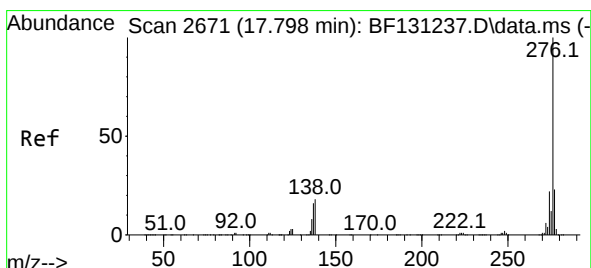
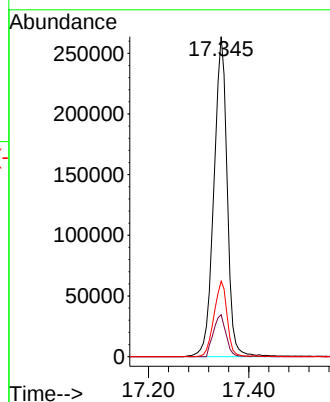
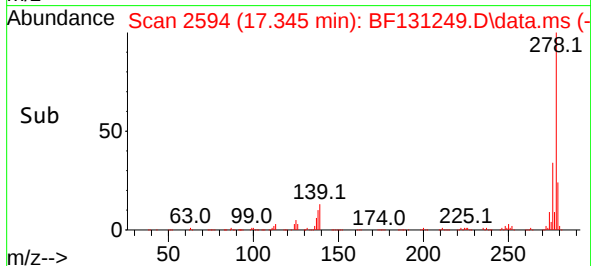


Tgt Ion:278 Resp: 485189
Ion Ratio Lower Upper
278 100
139 13.1 10.1 15.1
279 23.6 18.2 27.4

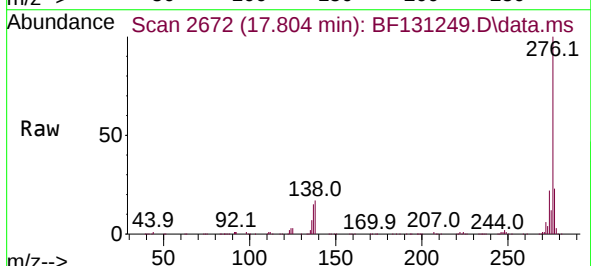
Manual Integrations

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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: 39.139 ng
RT: 17.804 min Scan# 2672
Delta R.T. 0.006 min
Lab File: BF131249.D
Acq: 16 Nov 2022 00:14



Tgt Ion:276 Resp: 476241
Ion Ratio Lower Upper
276 100
277 22.6 18.6 27.8
138 17.0 14.5 21.7

