

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
 Data File : BF131805.D
 Acq On : 23 Dec 2022 14:25
 Operator : CG\JU
 Sample : PB149846BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149846BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/24/2022
 Supervised By : Jagrut Upadhyay 12/24/2022

Quant Time: Dec 24 03:04:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 00:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	97384	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	386624	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	248003	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	465281	20.000	ng	0.00
76) Chrysene-d12	14.069	240	289538	20.000	ng	0.00
86) Perylene-d12	15.563	264	191095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	826341	142.884	ng	0.02
7) Phenol-d6	6.493	99	1079467	138.675	ng	0.00
23) Nitrobenzene-d5	7.428	82	761423	79.951	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	359926	132.594	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1398374	78.986	ng	0.00
79) Terphenyl-d14	13.010	244	1772763	95.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	93283	34.516	ng	97
3) Pyridine	3.399	79	243777	31.634	ng	97
4) n-Nitrosodimethylamine	3.381	42	149674	42.929	ng	97
6) Aniline	6.516	93	223421	23.249	ng	# 88
8) 2-Chlorophenol	6.640	128	289984	46.684	ng	96
9) Benzaldehyde	6.398	77	101839	20.133	ng	98
10) Phenol	6.510	94	401993	43.254	ng	95
11) bis(2-Chloroethyl)ether	6.593	93	315471	47.435	ng	97
12) 1,3-Dichlorobenzene	6.793	146	306599	43.665	ng	96
13) 1,4-Dichlorobenzene	6.869	146	310776	43.299	ng	99
14) 1,2-Dichlorobenzene	7.022	146	298670	44.444	ng	98
15) Benzyl Alcohol	7.004	79	303256	43.618	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	400243	47.197	ng	94
17) 2-Methylphenol	7.116	107	255401	43.554	ng	94
18) Hexachloroethane	7.363	117	127954	44.972	ng	95
19) n-Nitroso-di-n-propyla...	7.275	70	253434	45.143	ng	97
20) 3+4-Methylphenols	7.269	107	334821	44.364	ng	98
22) Acetophenone	7.269	105	470734	41.722	ng	# 93
24) Nitrobenzene	7.445	77	387917	40.066	ng	99
25) Isophorone	7.681	82	717631	44.370	ng	99
26) 2-Nitrophenol	7.757	139	161791	42.759	ng	96
27) 2,4-Dimethylphenol	7.798	122	267761	49.685	ng	99
28) bis(2-Chloroethoxy)met...	7.892	93	403679	47.001	ng	100
29) 2,4-Dichlorophenol	8.004	162	274751	42.230	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	310922	40.652	ng	99
31) Naphthalene	8.163	128	842272	39.890	ng	99
32) Benzoic acid	7.951	122	209121	48.476	ng	96
33) 4-Chloroaniline	8.216	127	105454	12.806	ng	97
34) Hexachlorobutadiene	8.275	225	209412	40.695	ng	100
35) Caprolactam	8.616	113	77979m	39.750	ng	
36) 4-Chloro-3-methylphenol	8.710	107	323751	43.562	ng	98
37) 2-Methylnaphthalene	8.863	142	594713	41.291	ng	99
38) 1-Methylnaphthalene	8.963	142	551773	39.555	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	340576	40.139	ng	99
41) Hexachlorocyclopentadiene	9.010	237	388858	101.156	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	219732	39.643	ng	100

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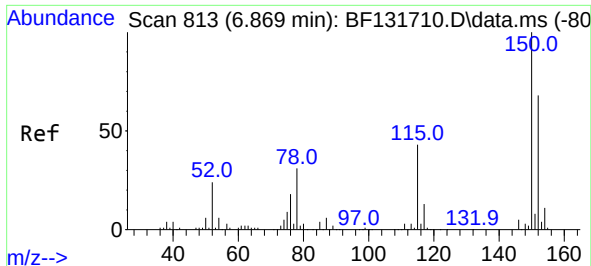
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	237600	39.598	ng	99
46) 1,1'-Biphenyl	9.334	154	761454	40.819	ng	99
47) 2-Chloronaphthalene	9.357	162	597570	39.120	ng	99
48) 2-Nitroaniline	9.457	65	220331	40.019	ng	92
49) Acenaphthylene	9.775	152	896716	39.139	ng	100
50) Dimethylphthalate	9.639	163	774995	41.530	ng	100
51) 2,6-Dinitrotoluene	9.704	165	165850	41.333	ng	94
52) Acenaphthene	9.945	154	548376	39.071	ng	100
53) 3-Nitroaniline	9.875	138	86081	20.966	ng	97
54) 2,4-Dinitrophenol	9.986	184	217768	90.575	ng	94
55) Dibenzofuran	10.122	168	846350	39.325	ng	99
56) 4-Nitrophenol	10.051	139	221089	75.237	ng	96
57) 2,4-Dinitrotoluene	10.116	165	222143	41.200	ng #	89
58) Fluorene	10.469	166	689272	39.612	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	198221	39.570	ng #	88
60) Diethylphthalate	10.345	149	752495	41.850	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	383007	41.414	ng	98
62) 4-Nitroaniline	10.504	138	135791	32.863	ng	97
63) Azobenzene	10.622	77	793350	40.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	136462	42.719	ng	91
66) n-Nitrosodiphenylamine	10.581	169	594676	41.214	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	234898	42.745	ng	97
68) Hexachlorobenzene	11.016	284	251883	41.676	ng	93
69) Atrazine	11.110	200	132890	27.629	ng	97
70) Pentachlorophenol	11.216	266	279261	87.058	ng	97
71) Phenanthrene	11.439	178	1010812	39.841	ng	99
72) Anthracene	11.492	178	1024924	41.258	ng	99
73) Carbazole	11.645	167	864648	40.231	ng	99
74) Di-n-butylphthalate	11.975	149	1206952	45.100	ng	99
75) Fluoranthene	12.633	202	1118808	39.595	ng	99
77) Benzidine	12.757	184	39591	7.457	ng	97
78) Pyrene	12.863	202	1115476	42.374	ng	99
80) Butylbenzylphthalate	13.480	149	450801	48.554	ng	97
81) Benzo(a)anthracene	14.057	228	835713	40.077	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	168298	28.908	ng	98
83) Chrysene	14.098	228	773815	39.316	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	615833	55.625	ng	99
85) Di-n-octyl phthalate	14.657	149	843555	54.584	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	588722	45.867	ng	100
88) Benzo(b)fluoranthene	15.127	252	624104	46.163	ng	99
89) Benzo(k)fluoranthene	15.157	252	583808	44.253	ng	98
90) Benzo(a)pyrene	15.504	252	505551	47.208	ng	99
91) Dibenzo(a,h)anthracene	17.104	278	509244	48.009	ng	98
92) Benzo(g,h,i)perylene	17.545	276	487649	46.512	ng	98

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



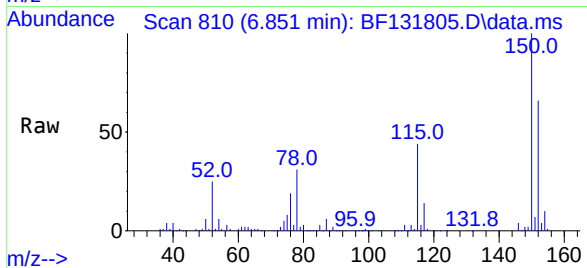
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

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PB149846BS

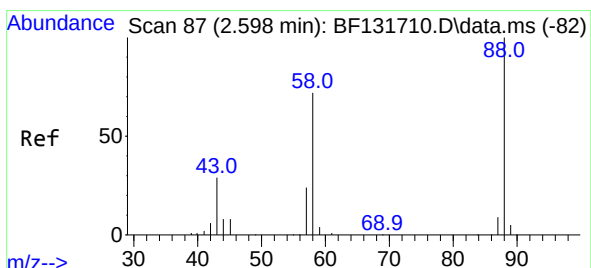
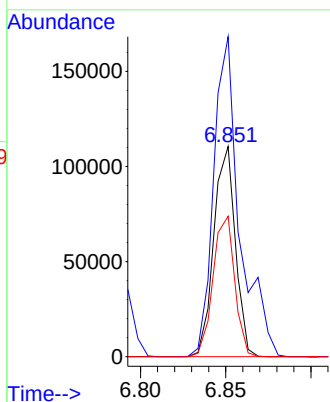
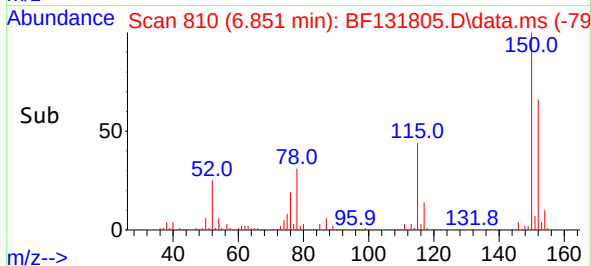


Tgt Ion:152 Resp: 97384
Ion Ratio Lower Upper
152 100
150 152.2 117.4 176.0
115 66.8 50.2 75.4

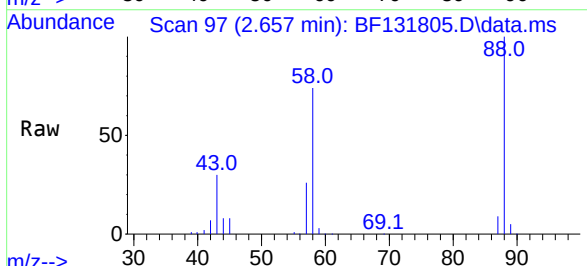
Manual Integrations

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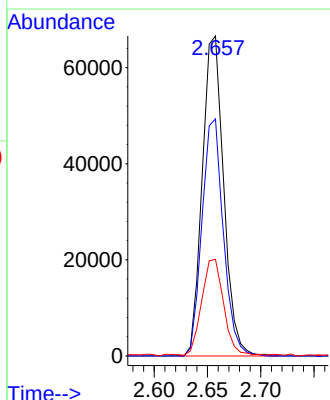
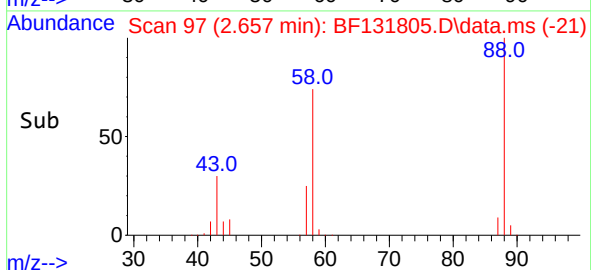
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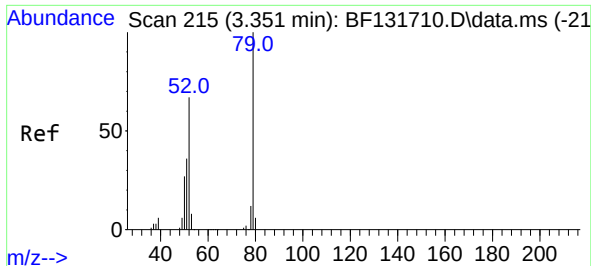


#2
1,4-Dioxane
Concen: 34.516 ng
RT: 2.657 min Scan# 97
Delta R.T. 0.094 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



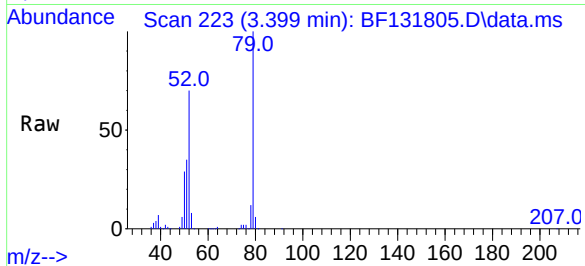
Tgt Ion: 88 Resp: 93283
Ion Ratio Lower Upper
88 100
58 73.9 57.5 86.3
43 31.6 23.3 34.9





#3
Pyridine
Concen: 31.634 ng
RT: 3.399 min Scan# 215
Delta R.T. 0.083 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

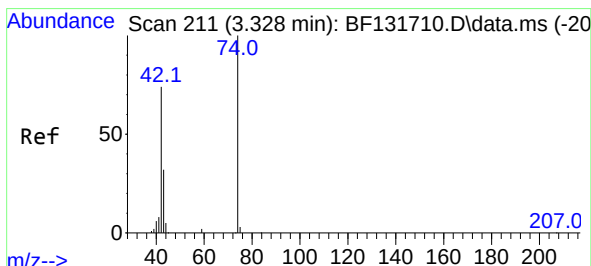
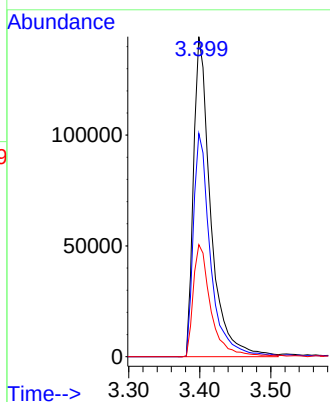
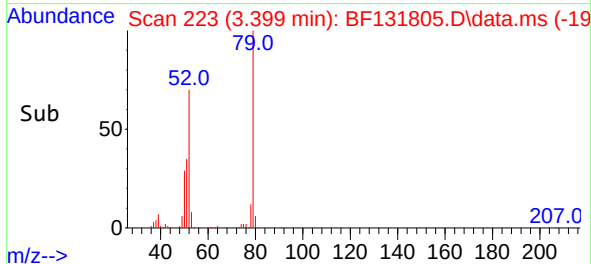
Instrument :
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ClientSampleId :
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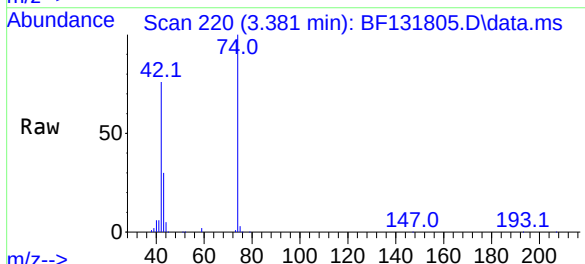
Tgt Ion: 79 Resp: 243777
Ion Ratio Lower Upper
79 100
52 69.8 53.7 80.5
51 35.0 28.6 42.8

Manual Integrations
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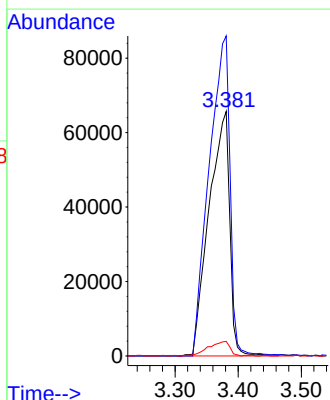
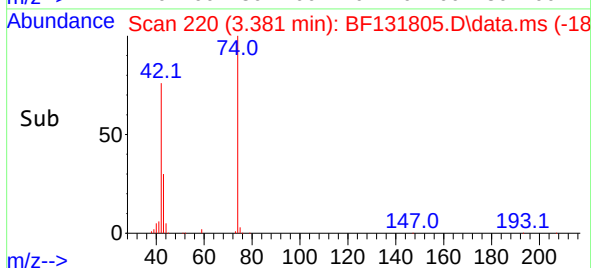
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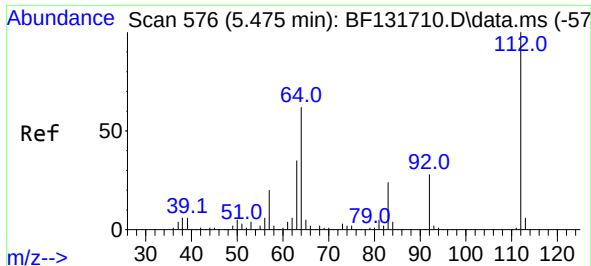


#4
n-Nitrosodimethylamine
Concen: 42.929 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.088 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion: 42 Resp: 149674
Ion Ratio Lower Upper
42 100
74 130.9 107.8 161.8
44 6.0 5.5 8.3





#5
2-Fluorophenol
Concen: 142.884 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

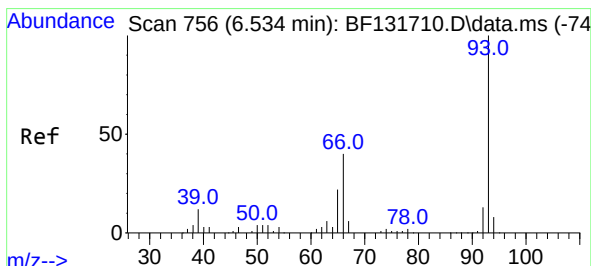
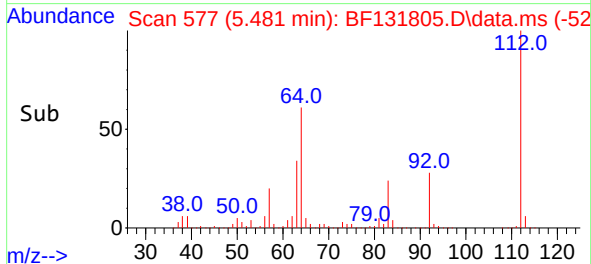
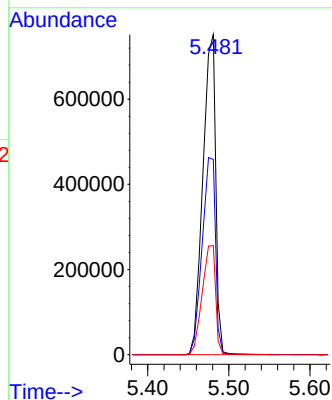
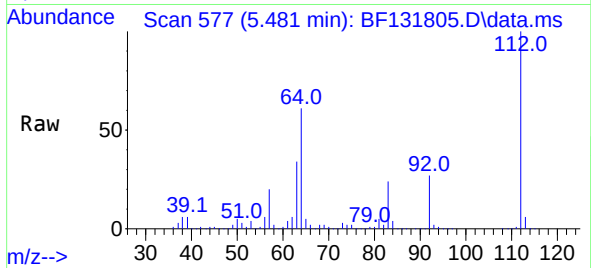
PB149846BS

Tgt Ion:112 Resp: 82634
Ion Ratio Lower Upper
112 100
64 61.0 49.5 74.3
63 34.1 28.2 42.2

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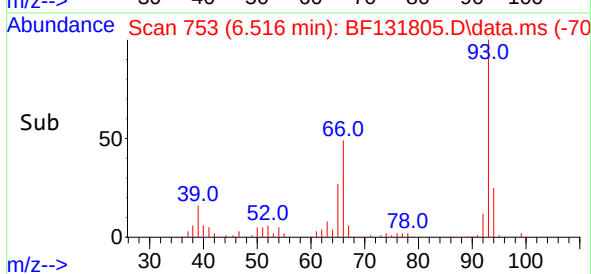
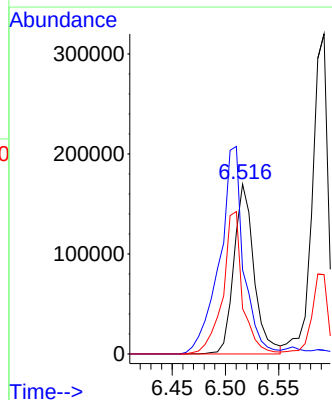
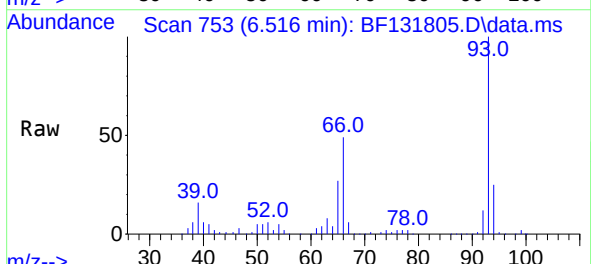
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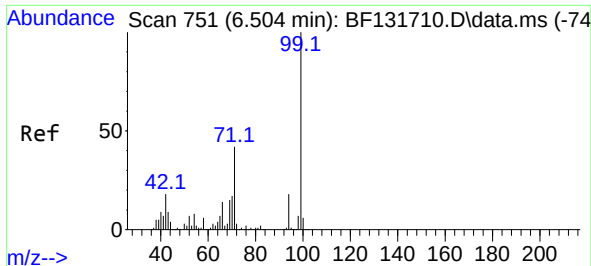
Reviewed By :Christian Giraldo 12/24/2022
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#6
Aniline
Concen: 23.249 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

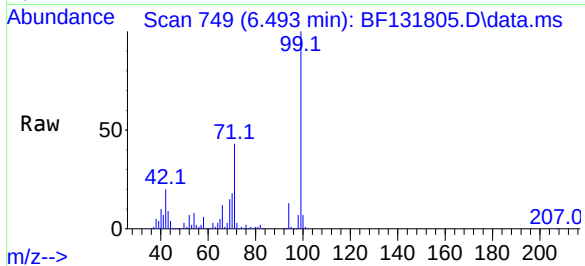
Tgt Ion: 93 Resp: 223421
Ion Ratio Lower Upper
93 100
66 49.4 32.8 49.2#
65 26.7 17.4 26.2#





#7
Phenol-d6
Concen: 138.675 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

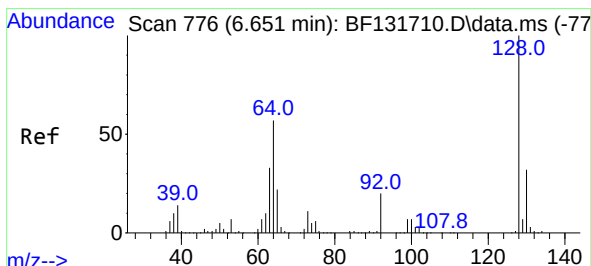
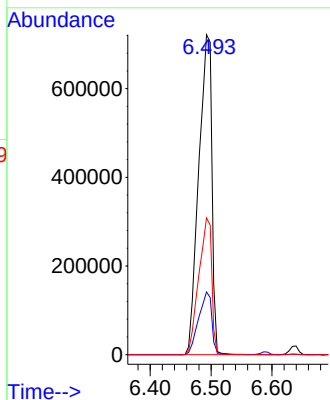
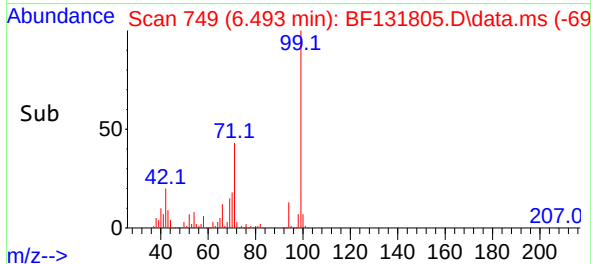
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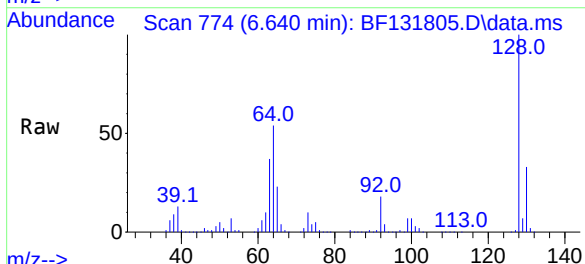
Tgt Ion: 99 Resp: 107946
Ion Ratio Lower Upper
99 100
42 19.6 14.8 22.2
71 42.7 33.8 50.6

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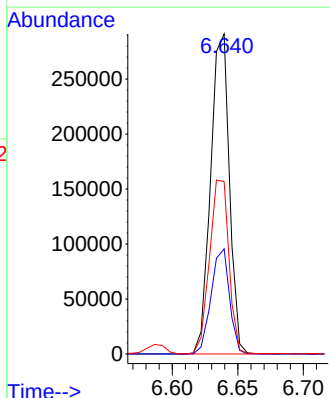
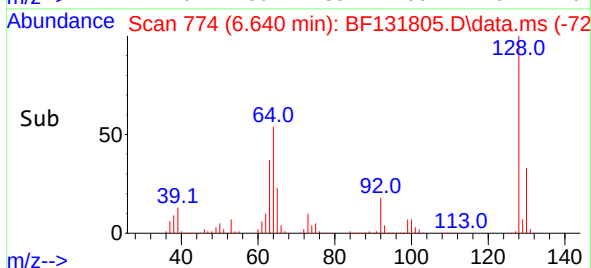
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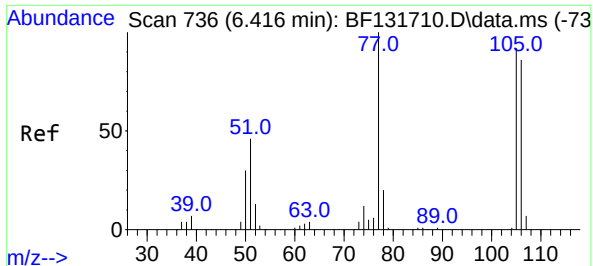


#8
2-Chlorophenol
Concen: 46.684 ng
RT: 6.640 min Scan# 774
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:128 Resp: 289984
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 53.9 37.7 77.7





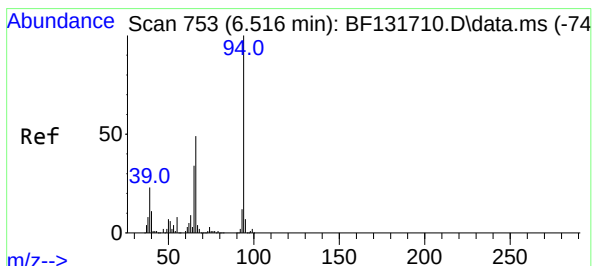
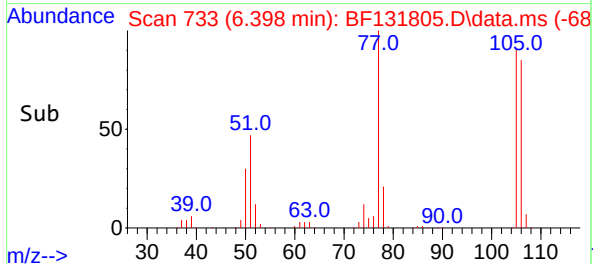
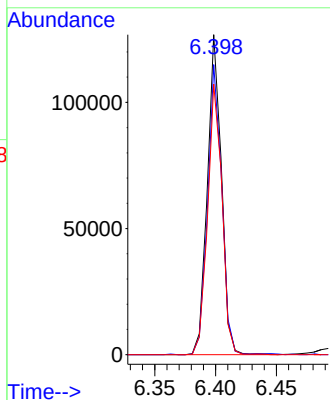
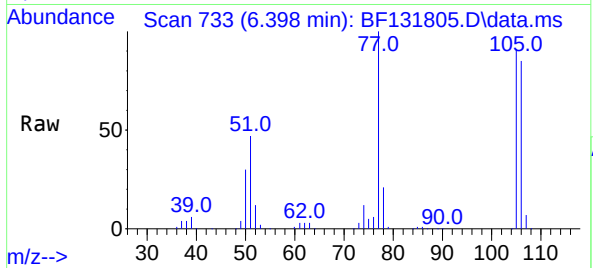
#9
Benzaldehyde
Concen: 20.133 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion: 77 Resp: 101839
Ion Ratio Lower Upper
77 100
105 90.7 72.4 112.4
106 84.5 66.5 106.5

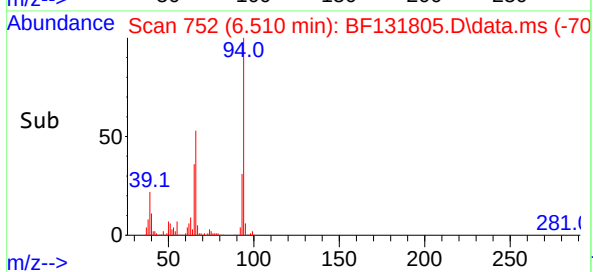
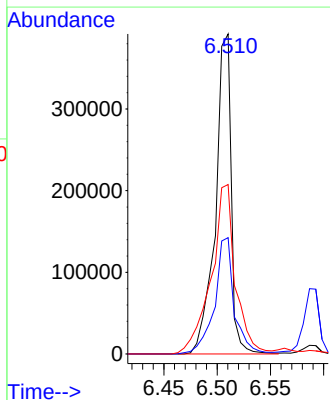
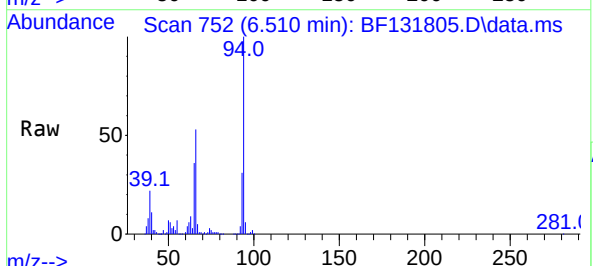
Manual Integrations
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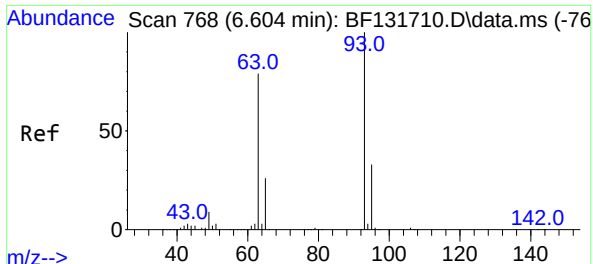
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#10
Phenol
Concen: 43.254 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion: 94 Resp: 401993
Ion Ratio Lower Upper
94 100
65 36.3 14.0 54.0
66 52.9 28.8 68.8





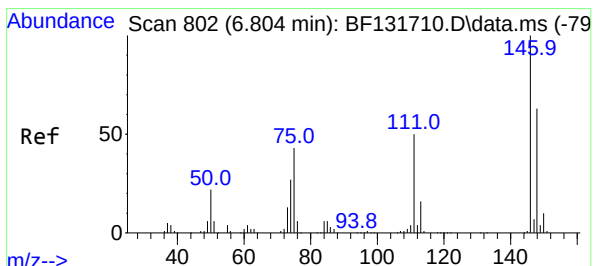
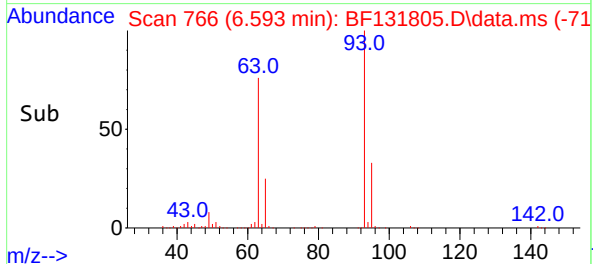
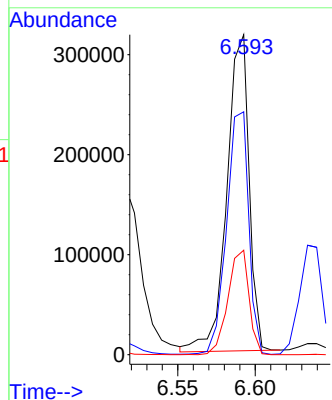
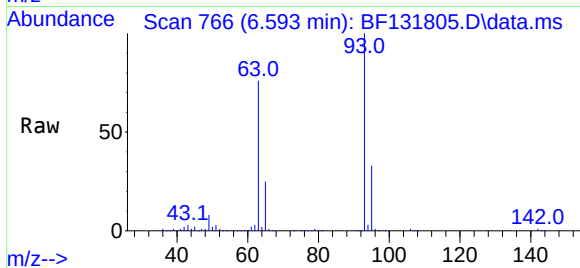
#11
bis(2-Chloroethyl)ether
Concen: 47.435 ng
RT: 6.593 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion: 93 Resp: 31547
Ion Ratio Lower Upper
93 100
63 75.9 59.0 99.0
95 32.6 12.6 52.6

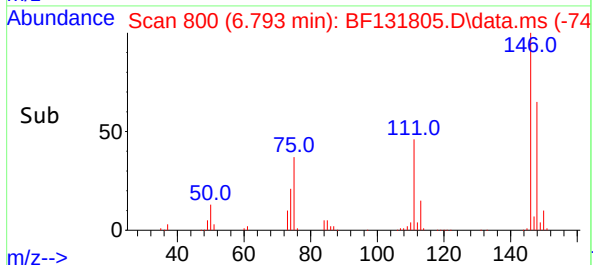
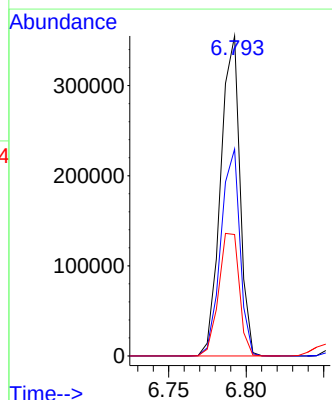
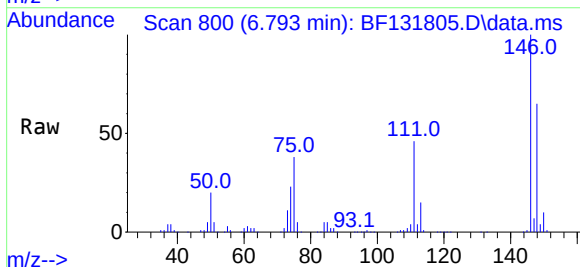
Manual Integrations
APPROVED

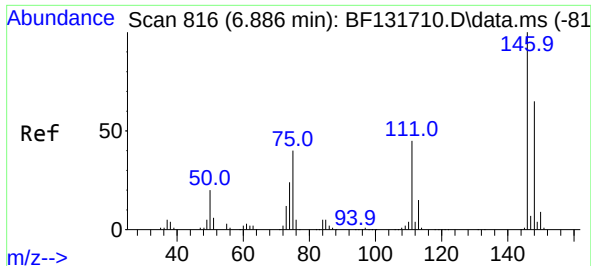
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#12
1,3-Dichlorobenzene
Concen: 43.665 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

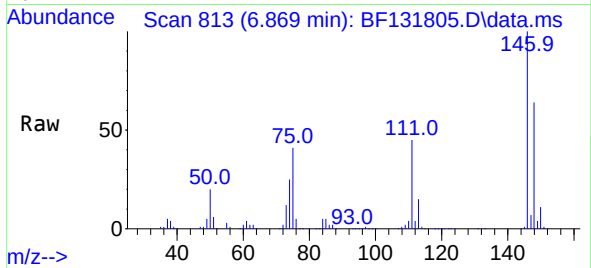
Tgt Ion:146 Resp: 306599
Ion Ratio Lower Upper
146 100
148 64.7 50.6 76.0
75 38.0 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 43.299 ng
RT: 6.869 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

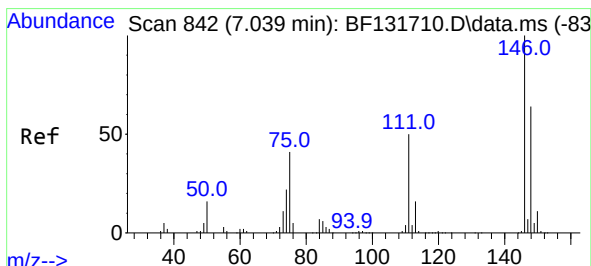
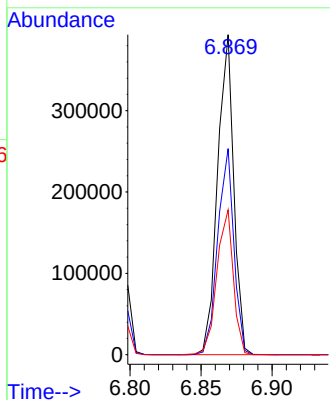
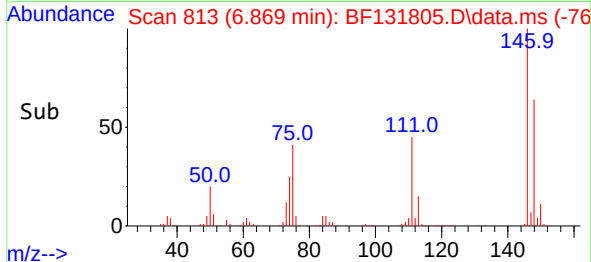
Instrument :
BNA_F
ClientSampleId :
PB149846BS



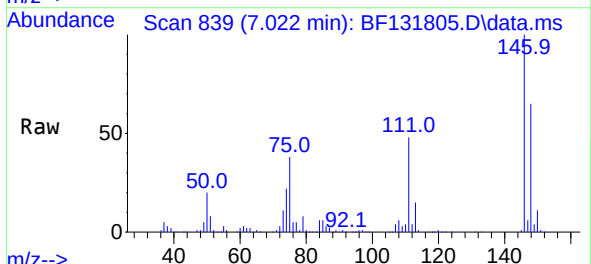
Tgt Ion:146 Resp: 310770
Ion Ratio Lower Upper
146 100
148 64.4 52.2 78.4
111 45.2 36.4 54.6

Manual Integrations
APPROVED

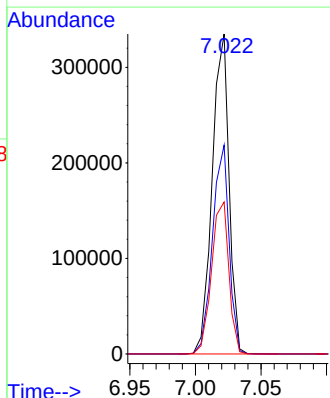
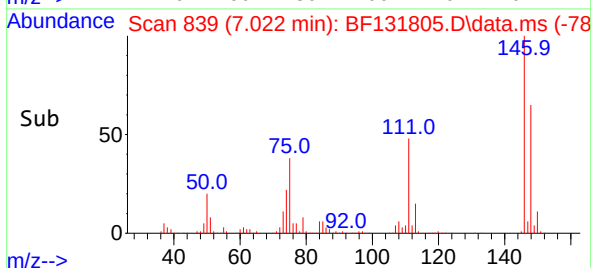
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

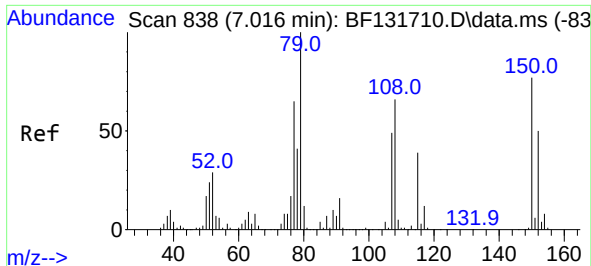


#14
1,2-Dichlorobenzene
Concen: 44.444 ng
RT: 7.022 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:146 Resp: 298670
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.0
111 47.5 39.8 59.6





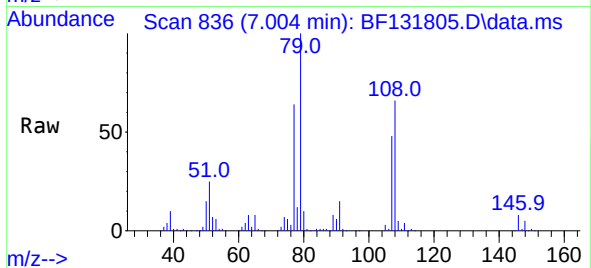
#15
Benzyl Alcohol
Concen: 43.618 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

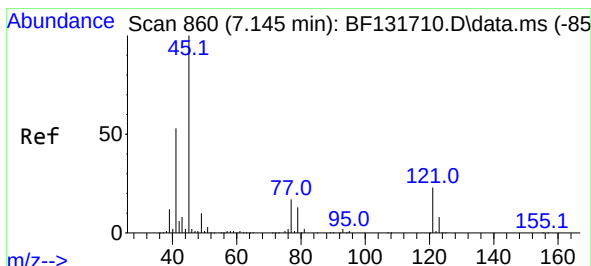
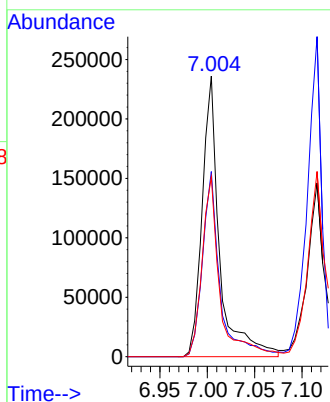
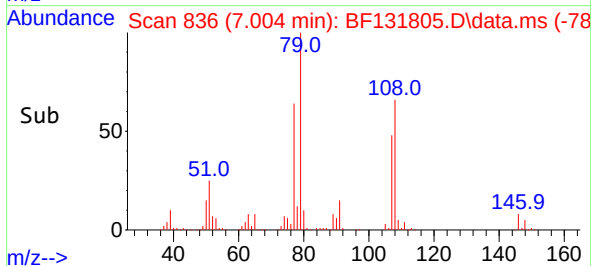


Tgt Ion: 79 Resp: 303250
Ion Ratio Lower Upper
79 100
108 66.0 52.6 78.8
77 64.1 51.7 77.5

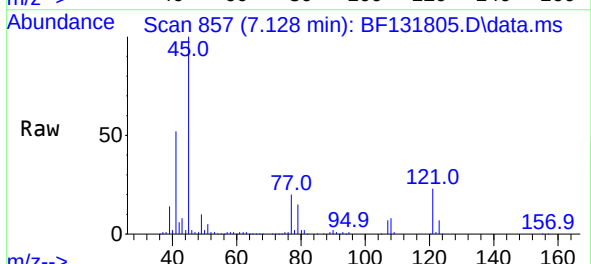
Manual Integrations

APPROVED

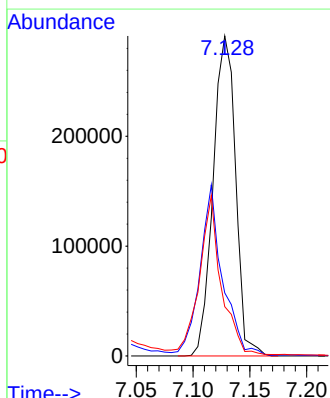
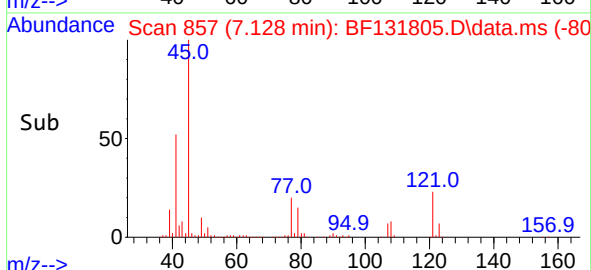
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

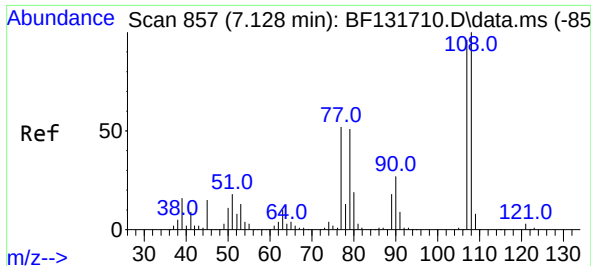


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.197 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion: 45 Resp: 400243
Ion Ratio Lower Upper
45 100
77 19.7 0.0 36.8
79 15.4 0.0 33.1





#17
2-Methylphenol
Concen: 43.554 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

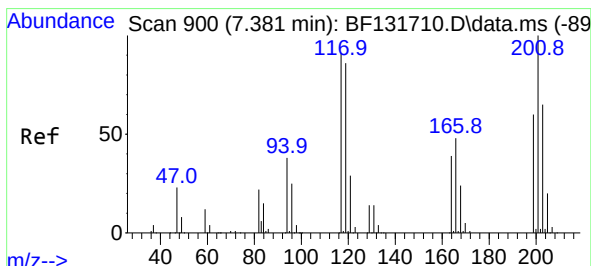
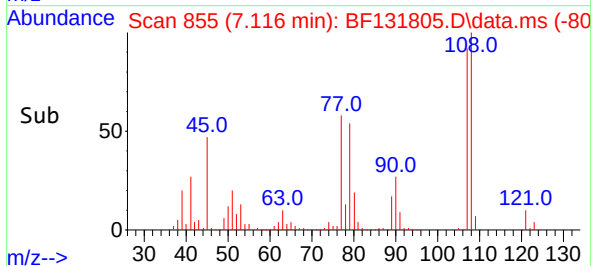
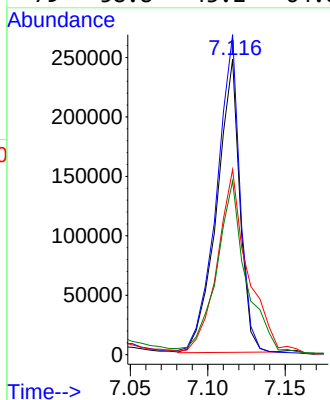
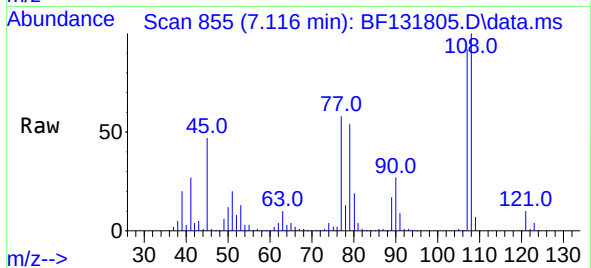
PB149846BS

Tgt Ion:107 Resp: 25540
Ion Ratio Lower Upper
107 100
108 108.3 83.8 125.6
77 62.7 43.8 65.8
79 58.8 43.2 64.8

Manual Integrations

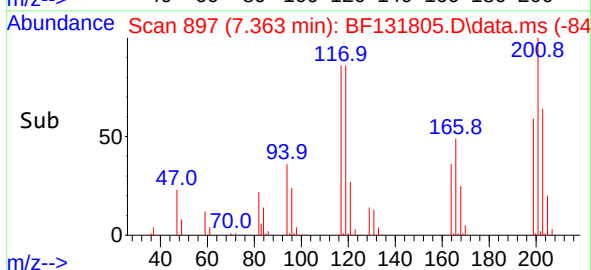
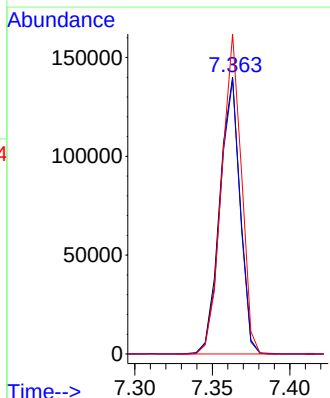
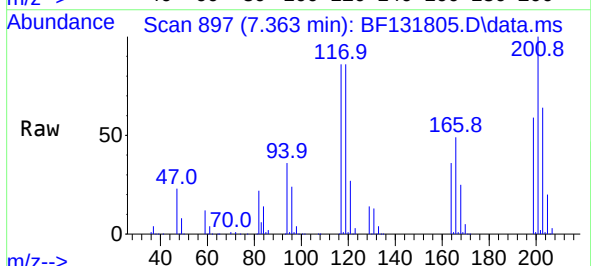
APPROVED

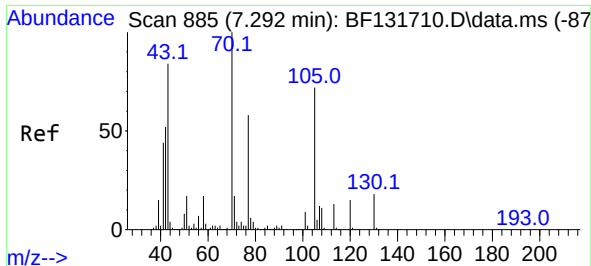
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#18
Hexachloroethane
Concen: 44.972 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:117 Resp: 127954
Ion Ratio Lower Upper
117 100
119 99.3 75.8 113.8
201 115.6 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 45.143 ng
RT: 7.275 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

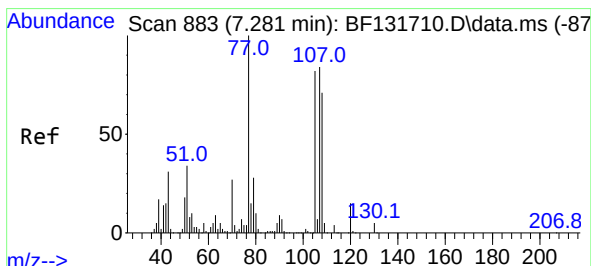
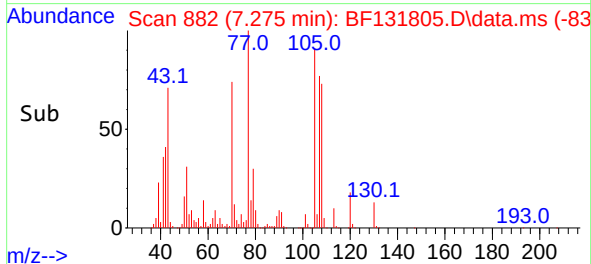
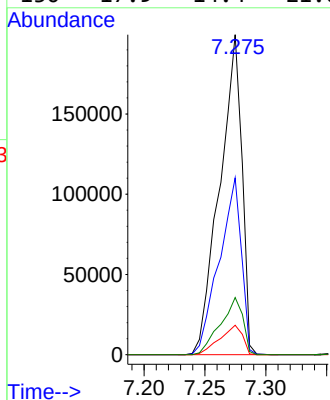
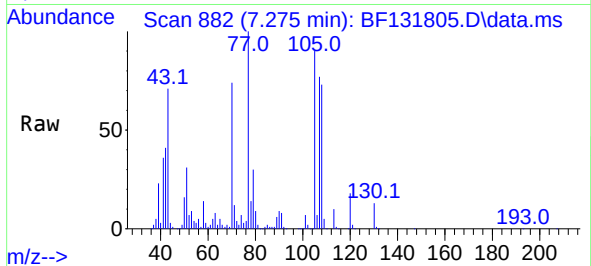
PB149846BS

Tgt Ion: 70 Resp: 253434
Ion Ratio Lower Upper
70 100
42 55.3 41.5 62.3
101 9.2 7.3 10.9
130 17.9 14.4 21.6

Manual Integrations

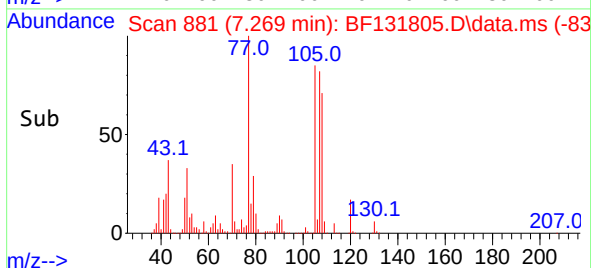
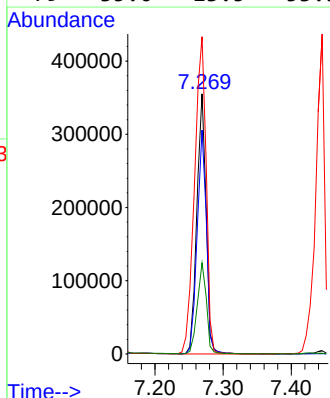
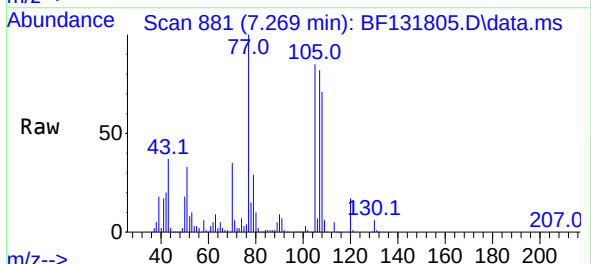
APPROVED

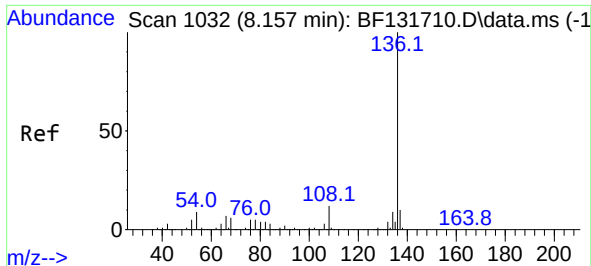
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#20
3+4-Methylphenols
Concen: 44.364 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:107 Resp: 334821
Ion Ratio Lower Upper
107 100
108 86.0 65.2 105.2
77 121.9 99.6 139.6
79 35.0 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

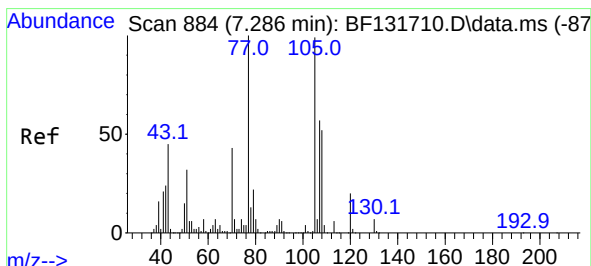
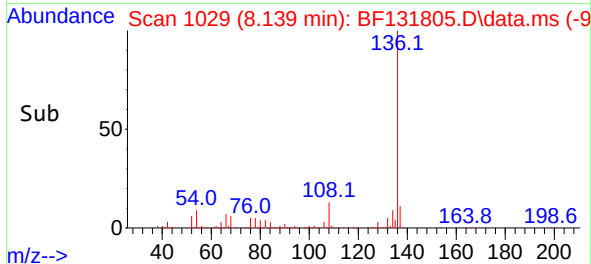
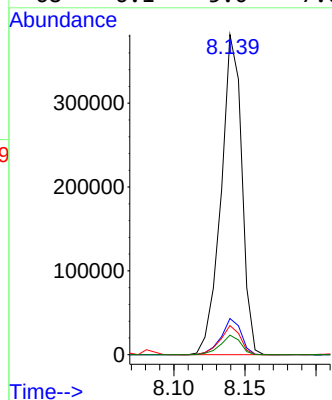
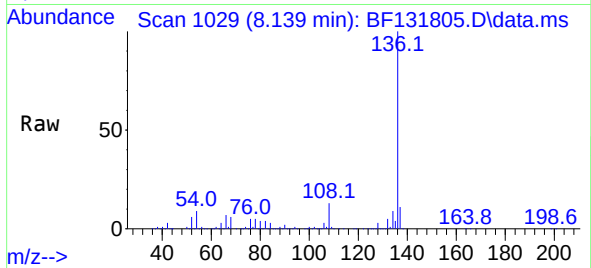
PB149846BS

Tgt Ion:136 Resp: 386624
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.1 7.2 10.8
68 6.1 5.0 7.6

Manual Integrations

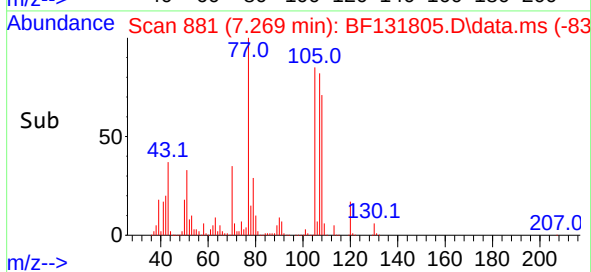
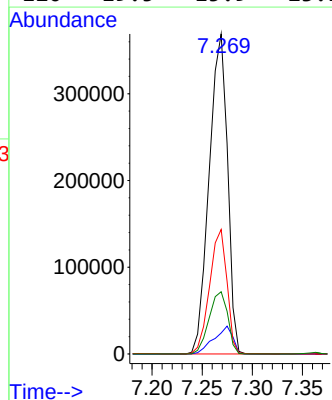
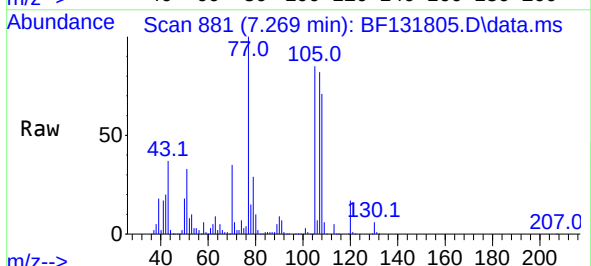
APPROVED

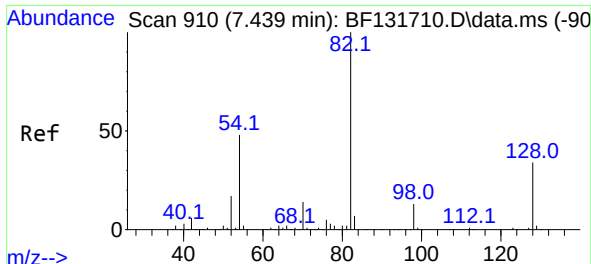
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#22
Acetophenone
Concen: 41.722 ng
RT: 7.269 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:105 Resp: 470734
Ion Ratio Lower Upper
105 100
71 6.6 5.5 8.3
51 38.9 25.5 38.3#
120 19.5 15.9 23.9





#23

Nitrobenzene-d5

Concen: 79.951 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

Tgt Ion: 82 Resp: 76142

Ion Ratio Lower Upper

82 100

128 36.2 27.3 40.9

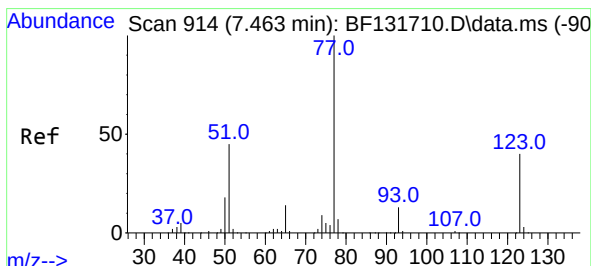
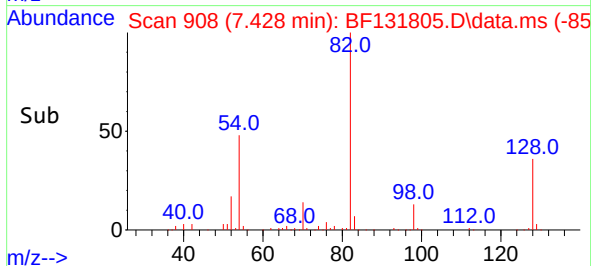
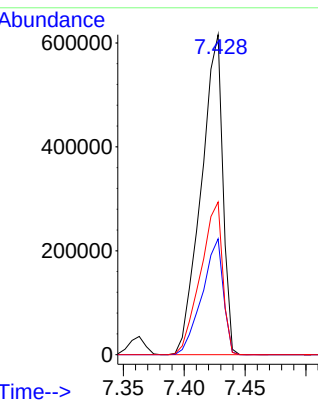
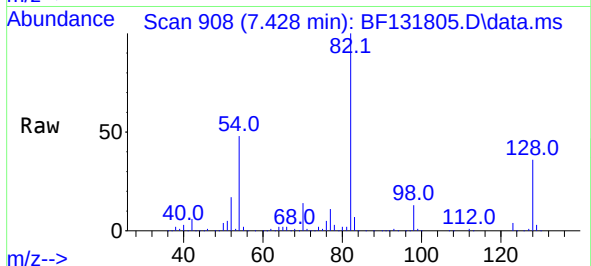
54 47.7 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#24

Nitrobenzene

Concen: 40.066 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

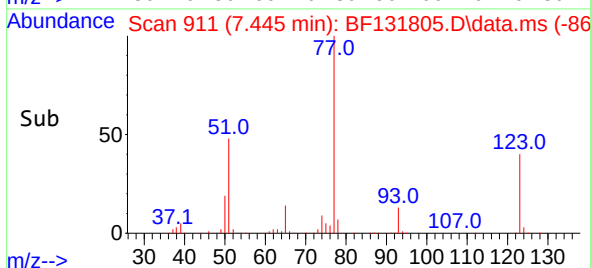
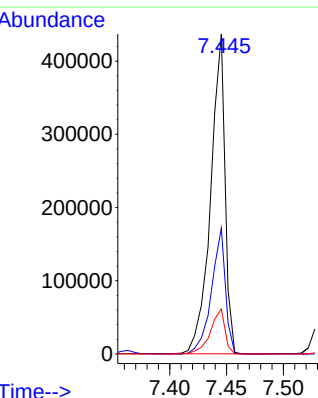
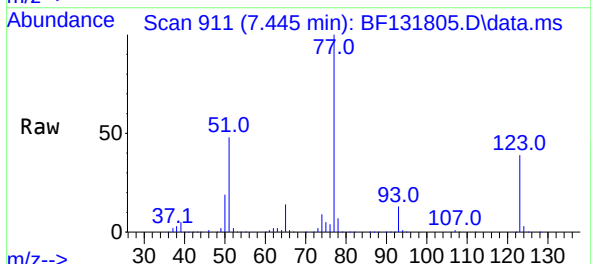
Tgt Ion: 77 Resp: 387917

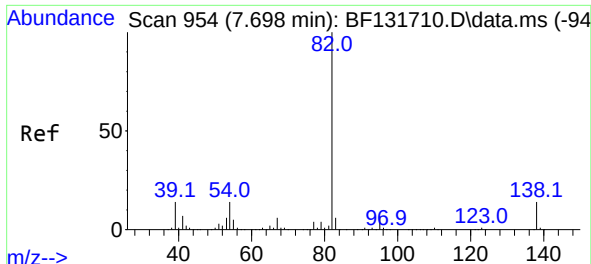
Ion Ratio Lower Upper

77 100

123 39.4 31.8 47.6

65 14.1 10.9 16.3





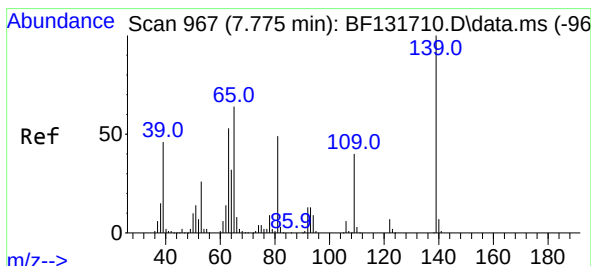
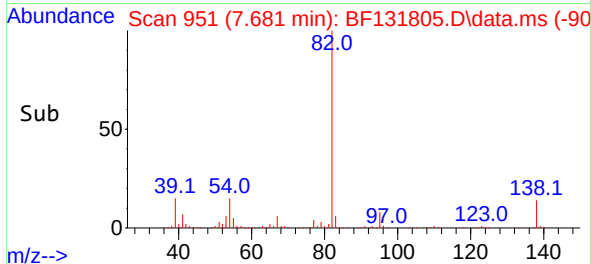
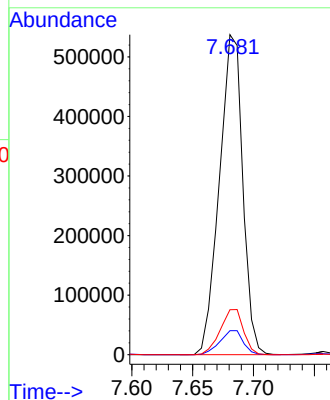
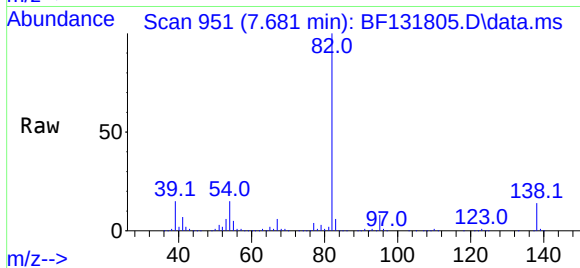
#25
Isophorone
Concen: 44.370 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion: 82 Resp: 71763
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.6
138 14.0 11.6 17.4

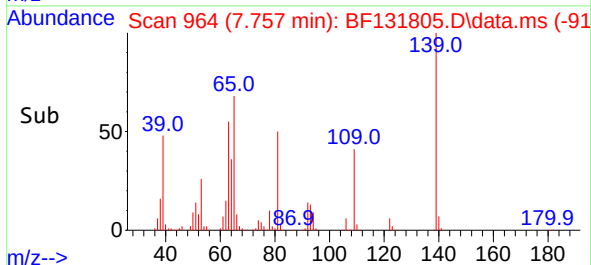
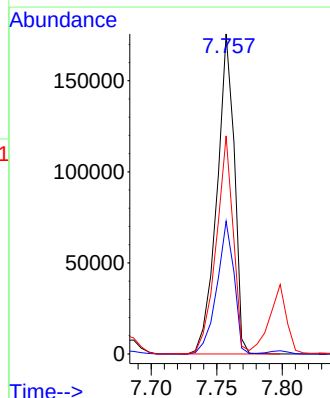
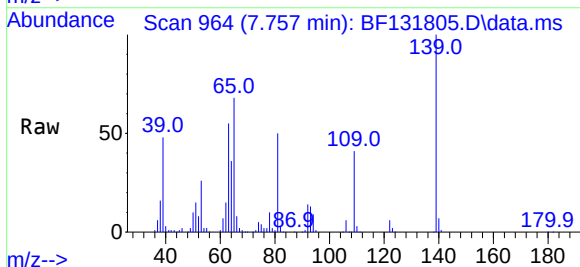
Manual Integrations
APPROVED

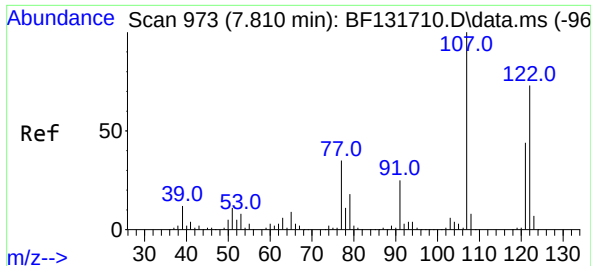
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#26
2-Nitrophenol
Concen: 42.759 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:139 Resp: 161791
Ion Ratio Lower Upper
139 100
109 41.5 31.8 47.6
65 68.2 51.4 77.0





#27
2,4-Dimethylphenol
Concen: 49.685 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

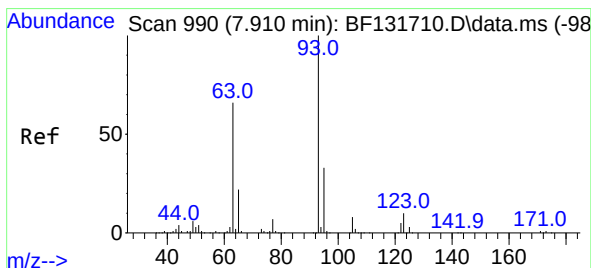
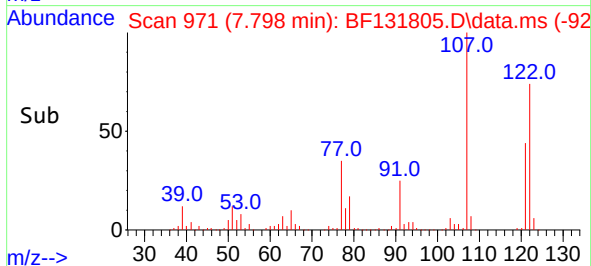
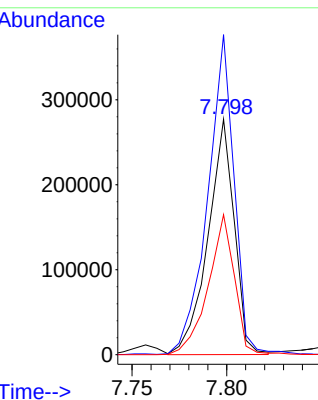
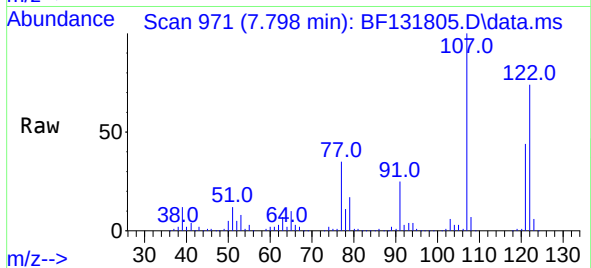
PB149846BS

Tgt Ion:122 Resp: 26776
Ion Ratio Lower Upper
122 100
107 135.9 110.1 165.1
121 59.5 47.9 71.9

Manual Integrations

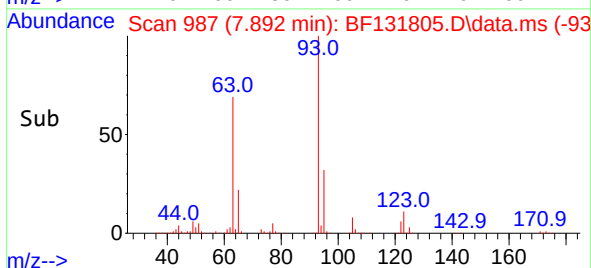
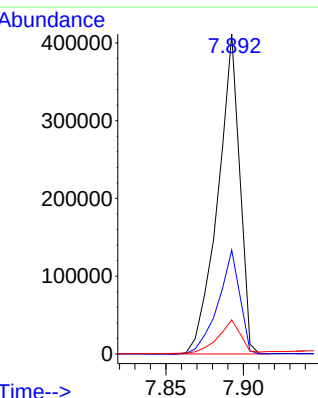
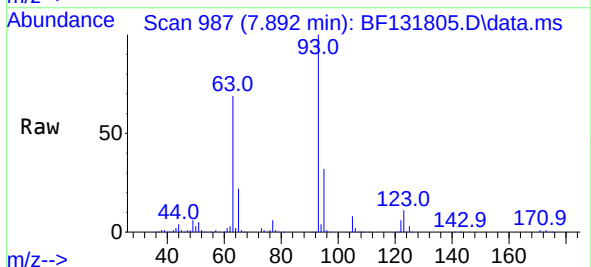
APPROVED

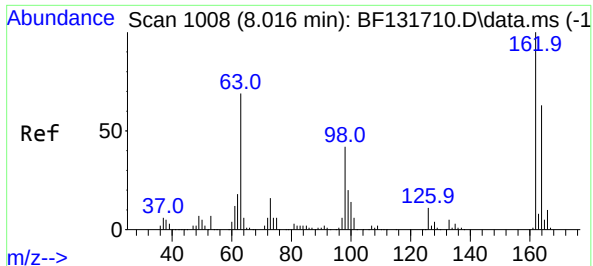
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#28
bis(2-Chloroethoxy)methane
Concen: 47.001 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion: 93 Resp: 403679
Ion Ratio Lower Upper
93 100
95 32.5 26.0 39.0
123 10.7 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 42.230 ng

RT: 8.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

Tgt Ion:162 Resp: 27475

Ion Ratio Lower Upper

162 100

164 65.2 42.9 82.9

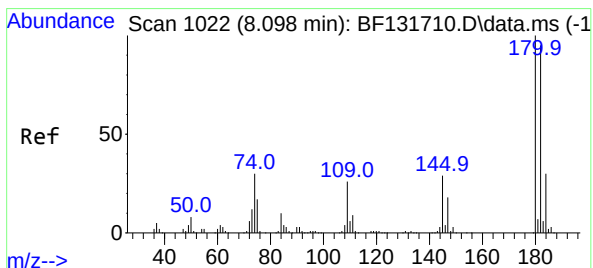
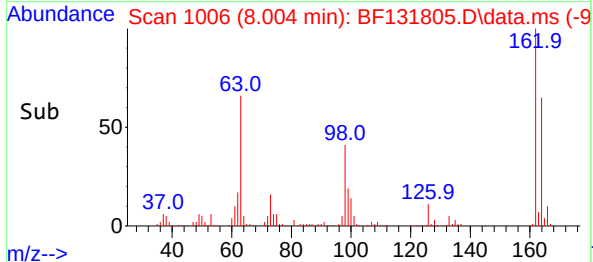
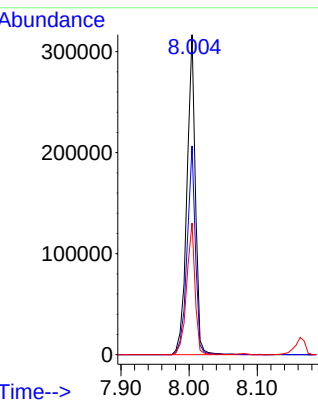
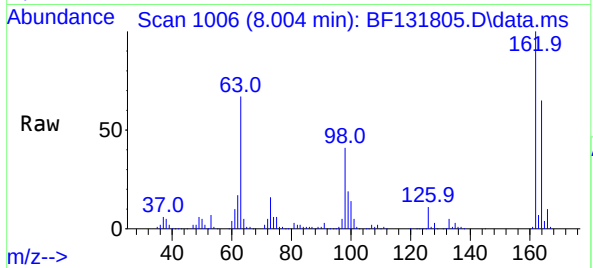
98 41.1 21.9 61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.652 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

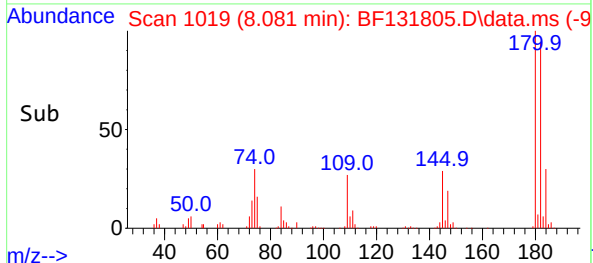
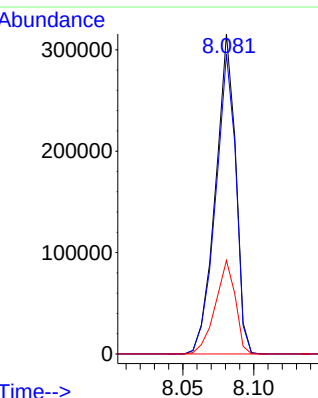
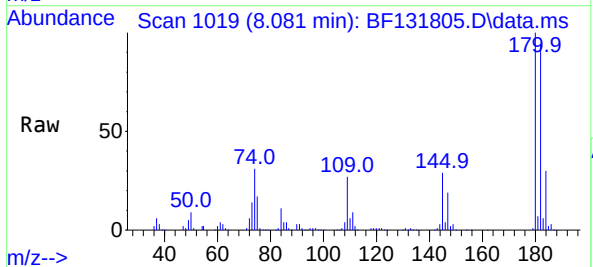
Tgt Ion:180 Resp: 310922

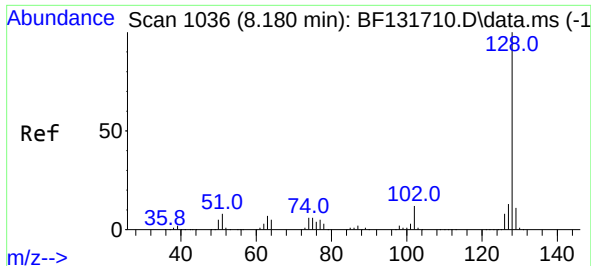
Ion Ratio Lower Upper

180 100

182 93.7 76.1 114.1

145 29.3 23.4 35.0





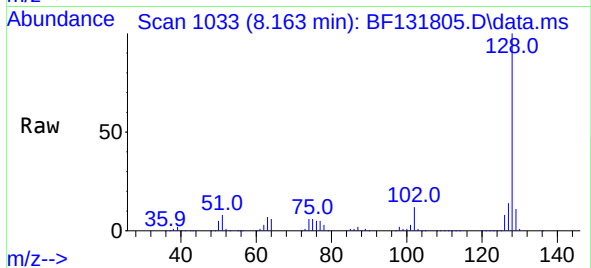
#31
Naphthalene
Concen: 39.890 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

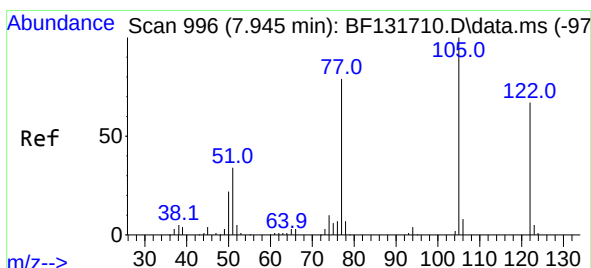
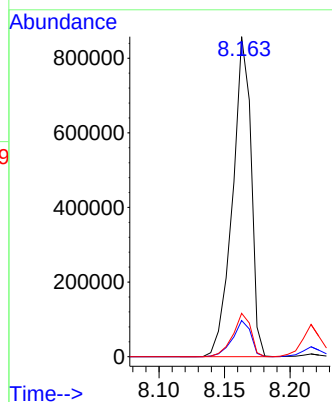
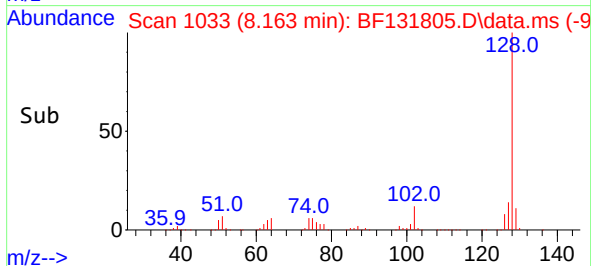


Tgt Ion:128 Resp: 842272
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.6 15.8

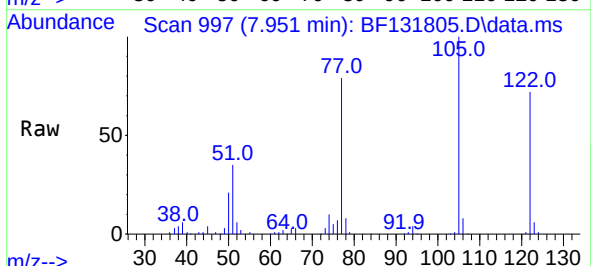
Manual Integrations

APPROVED

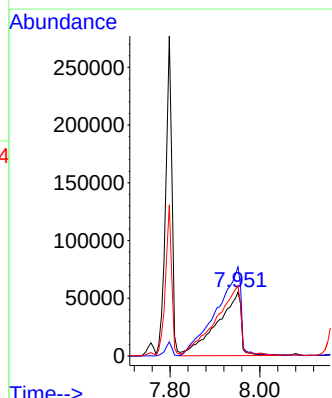
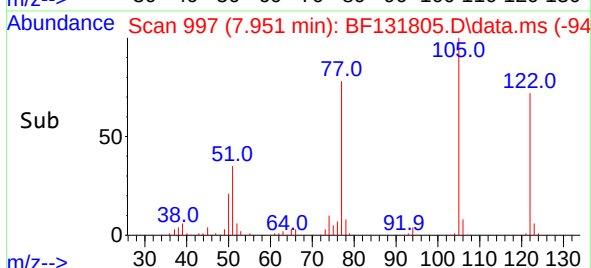
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

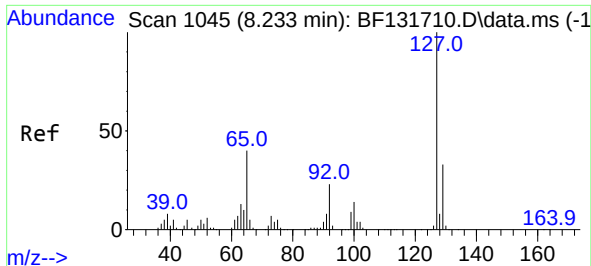


#32
Benzoic acid
Concen: 48.476 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:122 Resp: 209121
Ion Ratio Lower Upper
122 100
105 139.8 125.1 165.1
77 110.3 95.3 135.3





#33
4-Chloroaniline
Concen: 12.806 ng
RT: 8.216 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

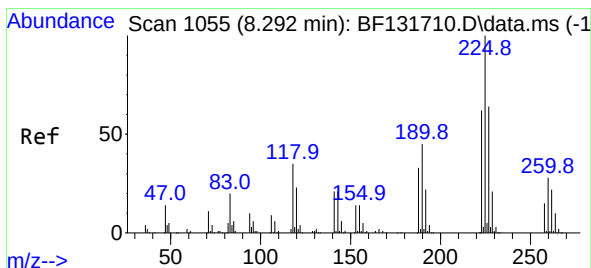
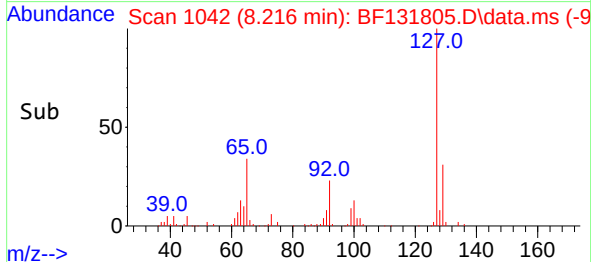
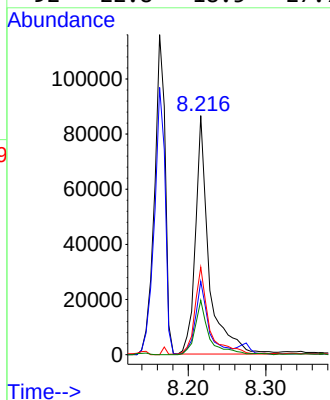
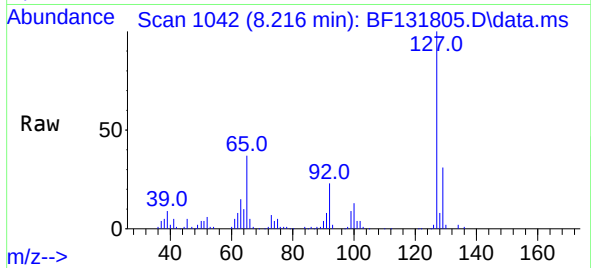
PB149846BS

Tgt Ion:127 Resp: 105454
Ion Ratio Lower Upper
127 100
129 30.7 26.1 39.1
65 36.6 31.8 47.6
92 22.8 18.5 27.7

Manual Integrations

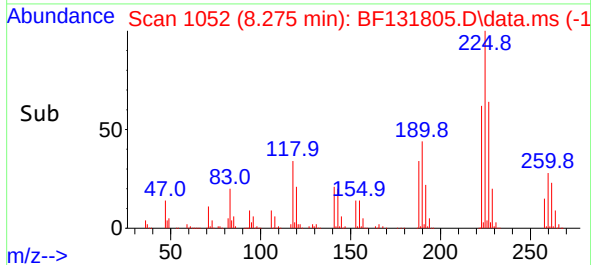
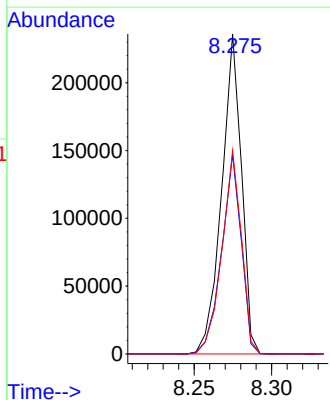
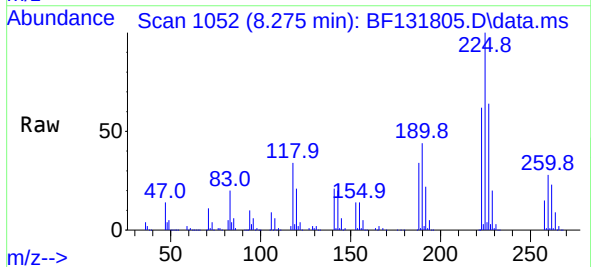
APPROVED

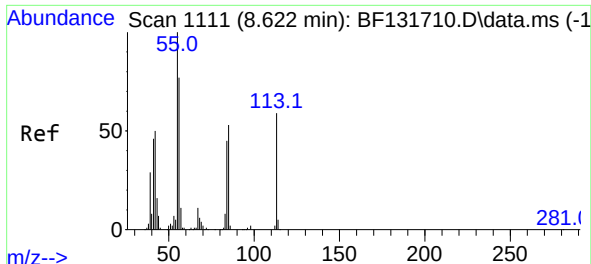
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#34
Hexachlorobutadiene
Concen: 40.695 ng
RT: 8.275 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

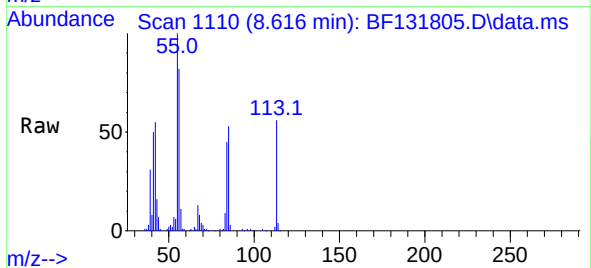
Tgt Ion:225 Resp: 209412
Ion Ratio Lower Upper
225 100
223 62.4 49.5 74.3
227 63.6 51.0 76.4





#35
Caprolactam
Concen: 39.750 ng m
RT: 8.616 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

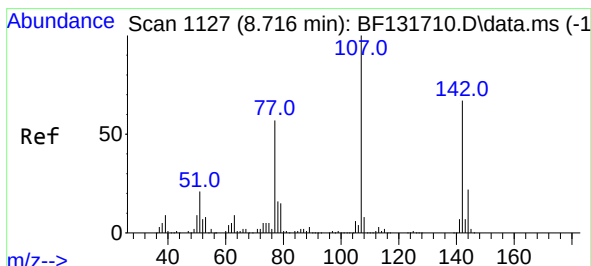
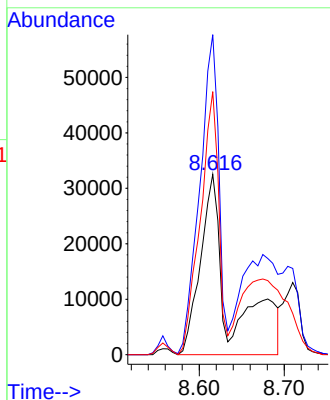
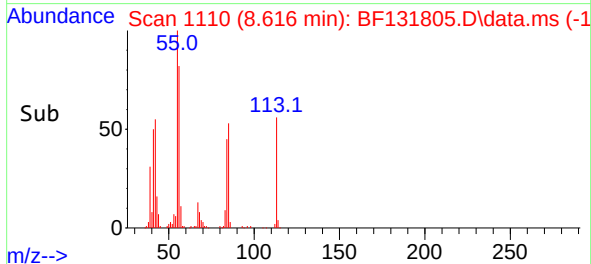
Instrument :
BNA_F
ClientSampleId :
PB149846BS



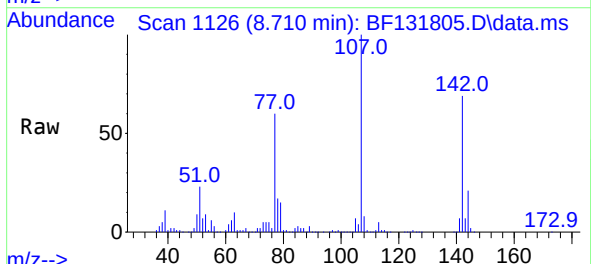
Tgt Ion:113 Resp: 77979
Ion Ratio Lower Upper
113 100
55 177.5 149.0 189.0
56 145.9 109.5 149.5

Manual Integrations
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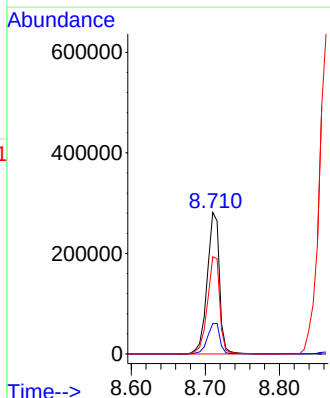
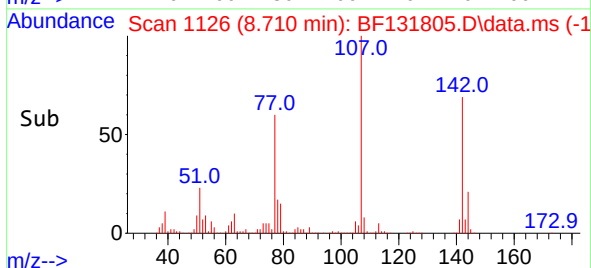
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

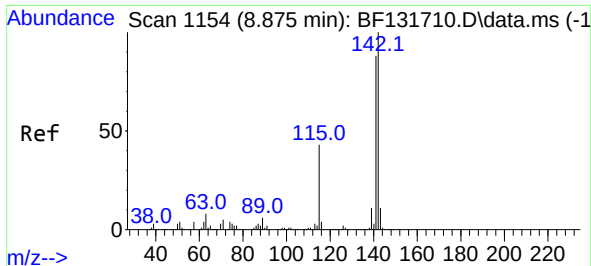


#36
4-Chloro-3-methylphenol
Concen: 43.562 ng
RT: 8.710 min Scan# 1126
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:107 Resp: 323751
Ion Ratio Lower Upper
107 100
144 21.5 17.5 26.3
142 68.8 53.4 80.0





#37

2-Methylnaphthalene

Concen: 41.291 ng

RT: 8.863 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

Tgt Ion:142 Resp: 59471

Ion Ratio Lower Upper

142 100

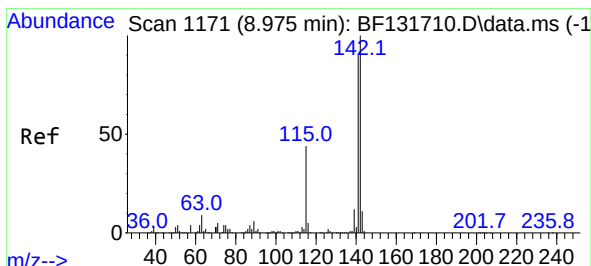
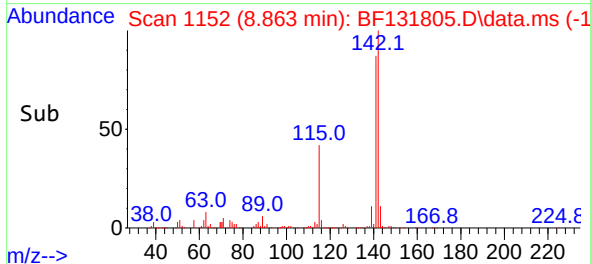
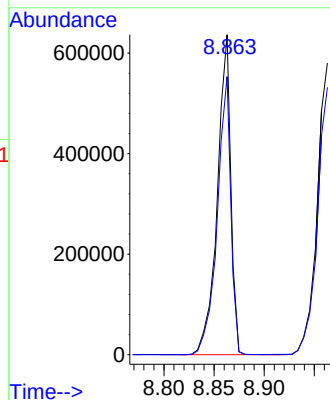
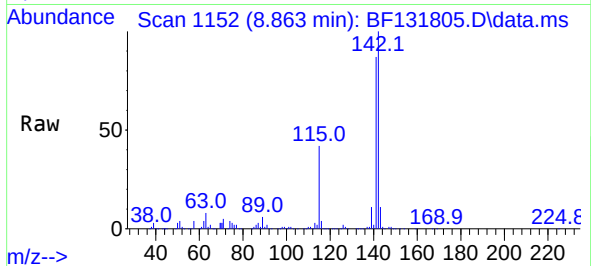
141 86.9 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#38

1-Methylnaphthalene

Concen: 39.555 ng

RT: 8.963 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF131805.D

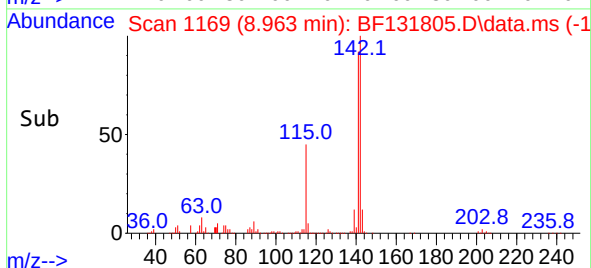
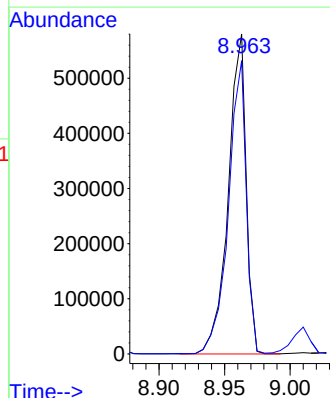
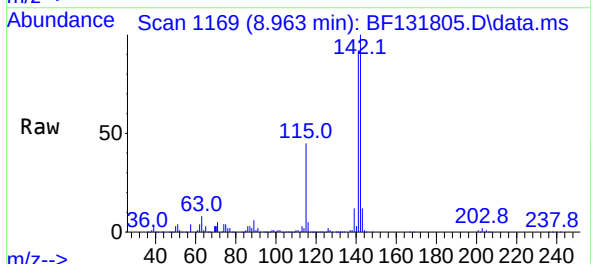
Acq: 23 Dec 2022 14:25

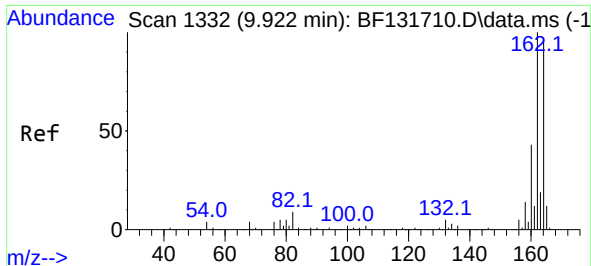
Tgt Ion:142 Resp: 551773

Ion Ratio Lower Upper

142 100

141 91.7 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

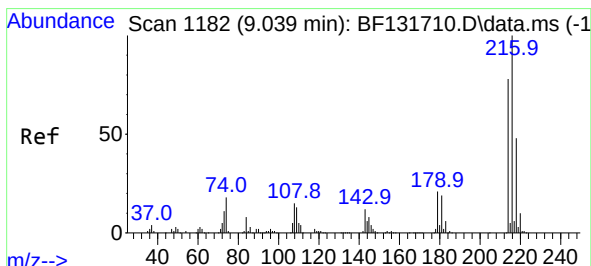
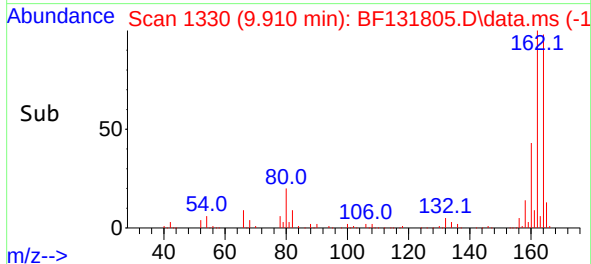
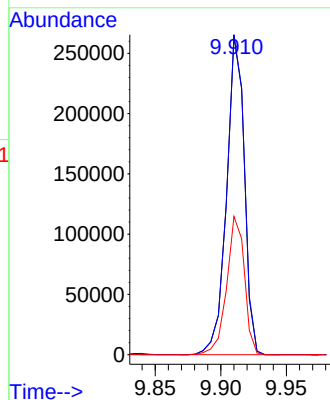
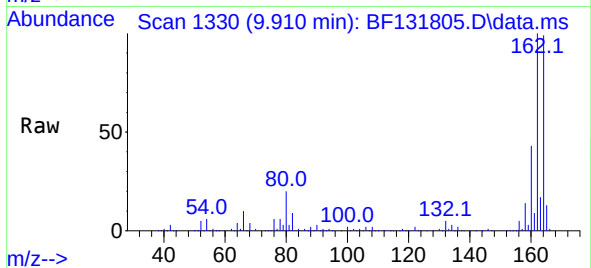
Tgt Ion:164 Resp: 248000

Ion	Ratio	Lower	Upper
164	100		
162	100.8	83.7	125.5
160	43.5	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.139 ng

RT: 9.028 min Scan# 1180

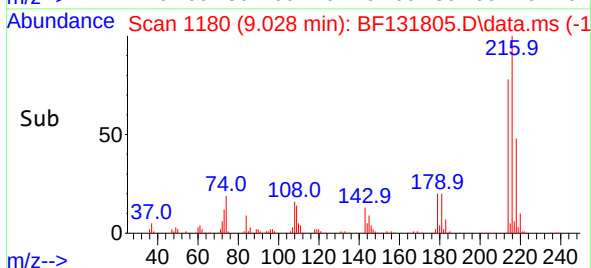
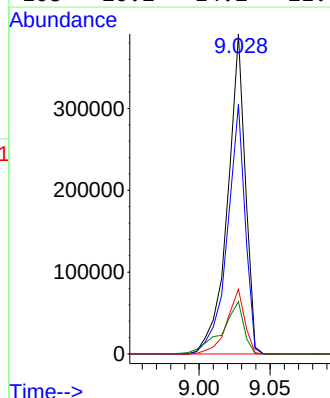
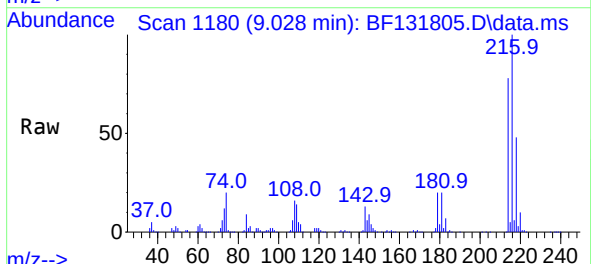
Delta R.T. 0.000 min

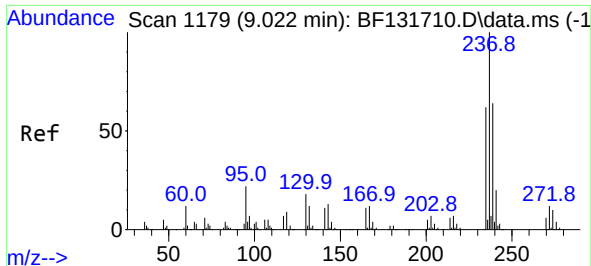
Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Tgt Ion:216 Resp: 340576

Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.9	94.3
179	20.2	16.3	24.5
108	20.2	14.2	21.4





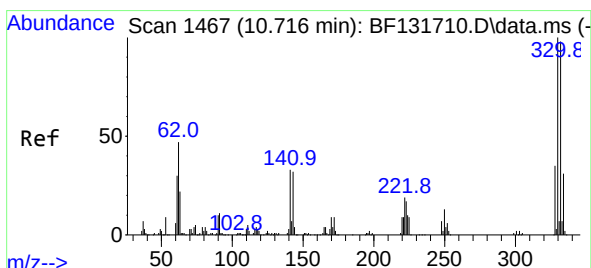
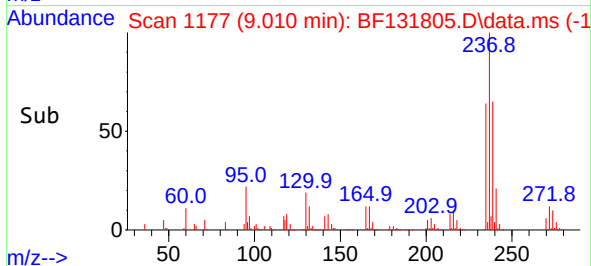
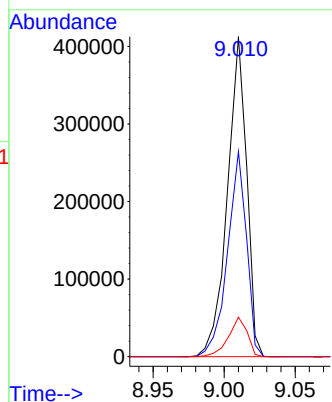
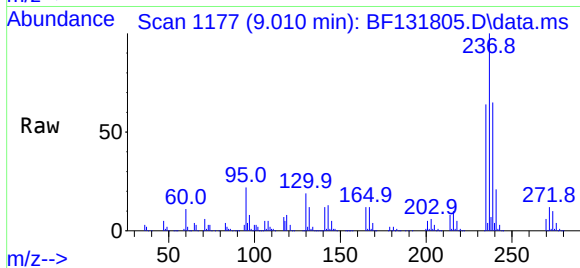
#41
Hexachlorocyclopentadiene
Concen: 101.156 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion:237 Resp: 388858
Ion Ratio Lower Upper
237 100
235 64.1 42.2 82.2
272 12.3 0.0 31.7

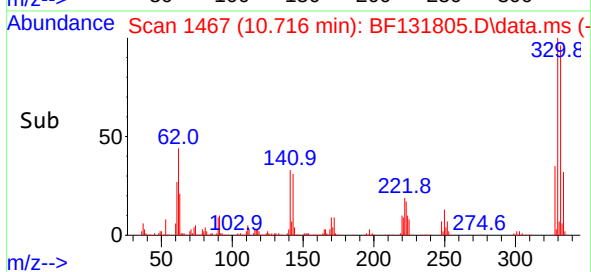
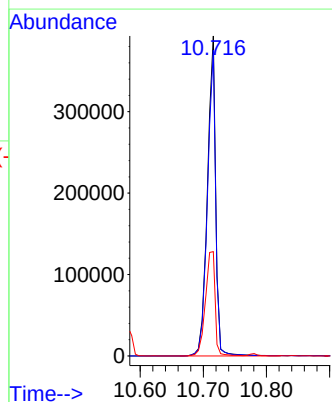
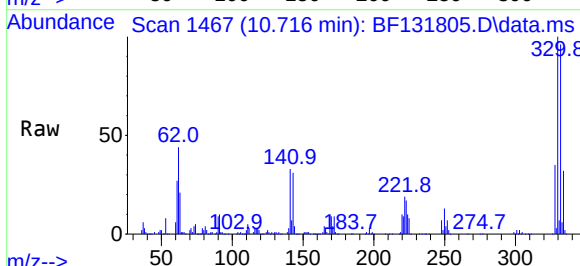
Manual Integrations
APPROVED

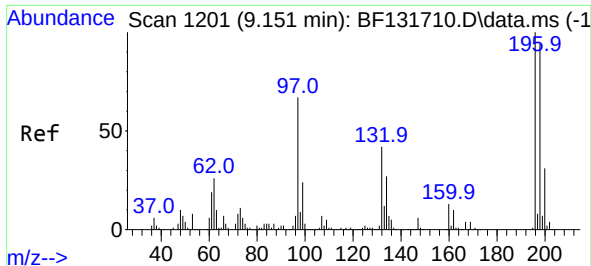
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#42
2,4,6-Tribromophenol
Concen: 132.594 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:330 Resp: 359926
Ion Ratio Lower Upper
330 100
332 95.6 77.1 115.7
141 38.2 30.4 45.6





#43

2,4,6-Trichlorophenol

Concen: 39.643 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

Tgt Ion:196 Resp: 21973

Ion Ratio Lower Upper

196 100

198 94.5 75.5 113.3

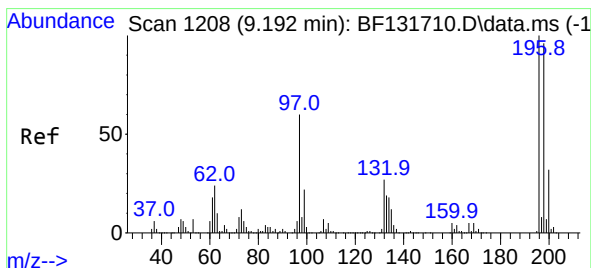
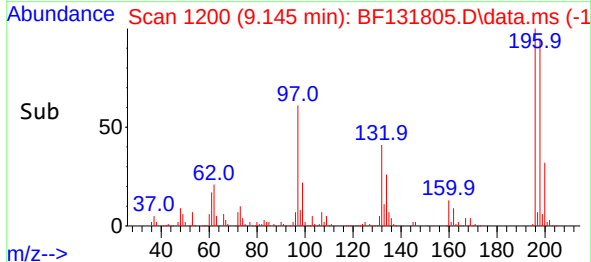
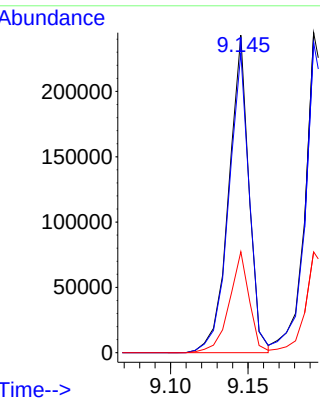
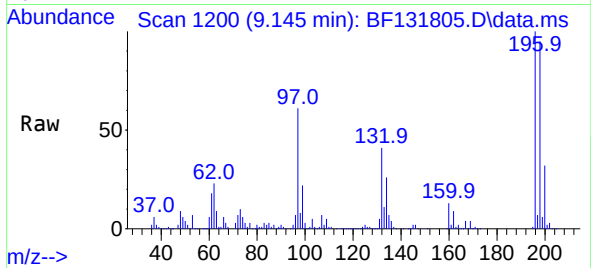
200 31.8 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/24/2022

Supervised By :Jagrut Upadhyay 12/24/2022



#44

2,4,5-Trichlorophenol

Concen: 39.598 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF131805.D

Acq: 23 Dec 2022 14:25

Tgt Ion:196 Resp: 237600

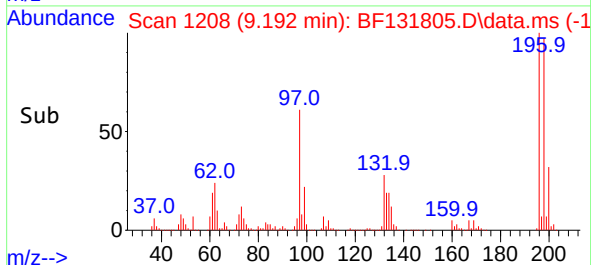
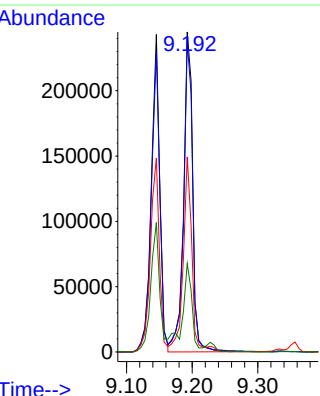
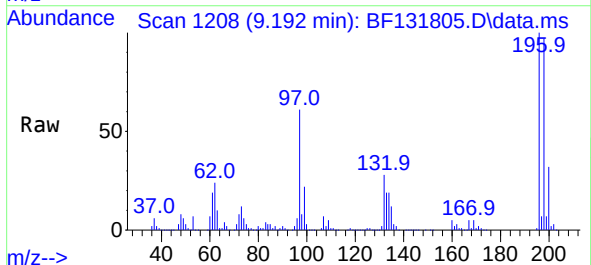
Ion Ratio Lower Upper

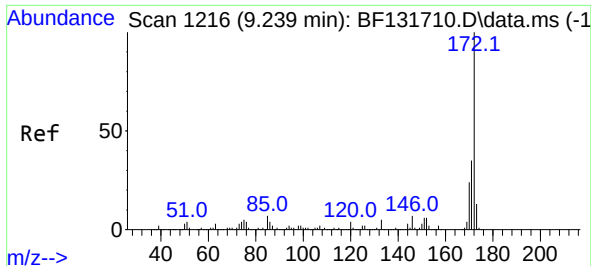
196 100

198 96.9 76.6 114.8

97 61.0 47.7 71.5

132 27.7 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 78.986 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

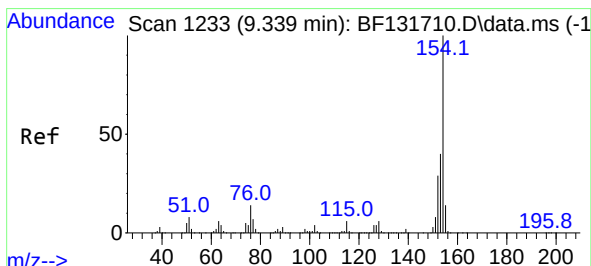
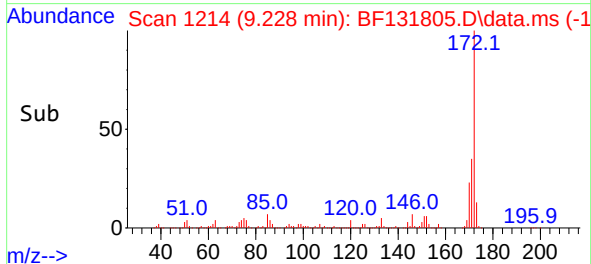
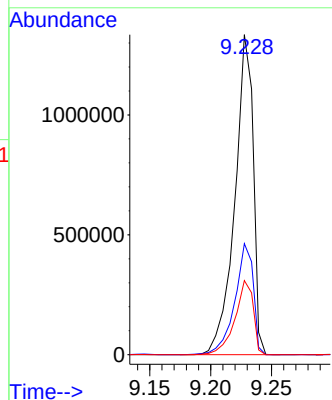
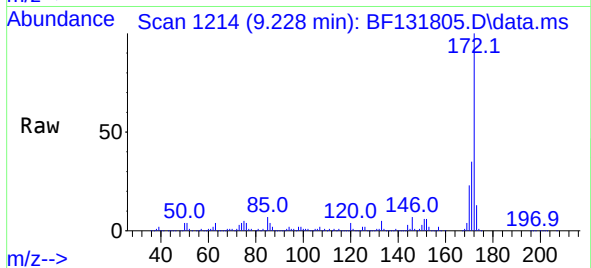
PB149846BS

Tgt Ion:172 Resp: 1398374
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.2 19.0 28.4

Manual Integrations

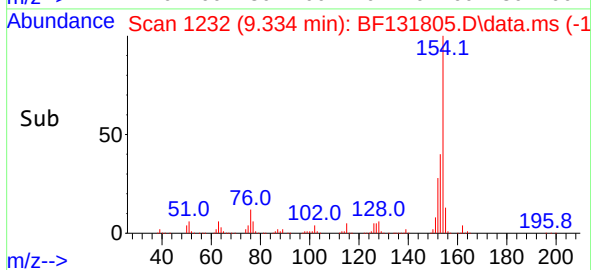
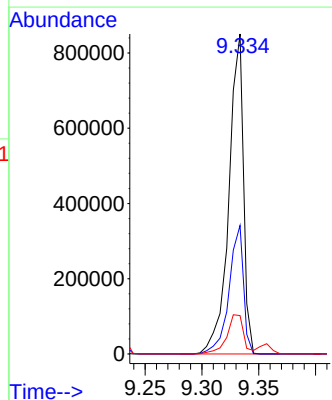
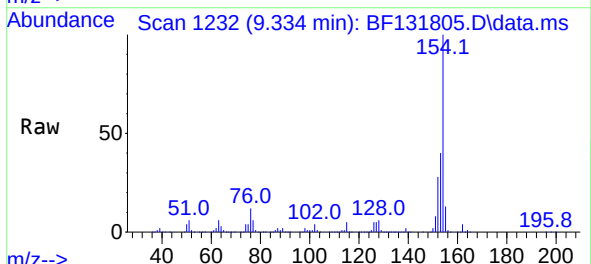
APPROVED

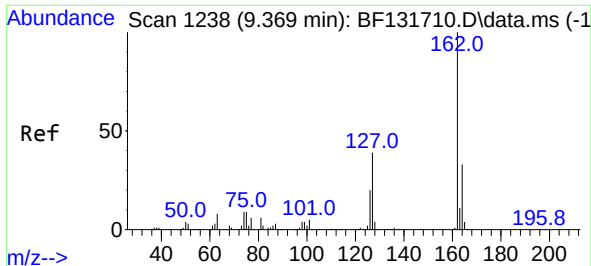
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#46
1,1'-Biphenyl
Concen: 40.819 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:154 Resp: 761454
Ion Ratio Lower Upper
154 100
153 40.2 20.1 60.1
76 12.0 0.0 33.6





#47
2-Chloronaphthalene
Concen: 39.120 ng
RT: 9.357 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

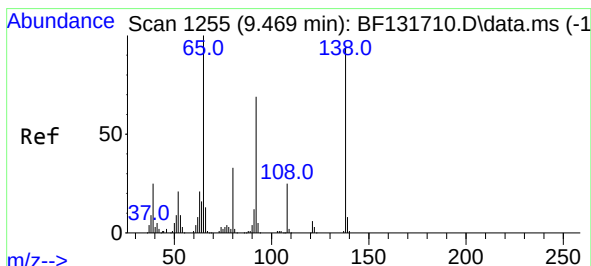
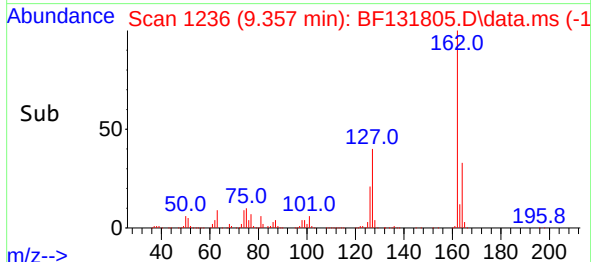
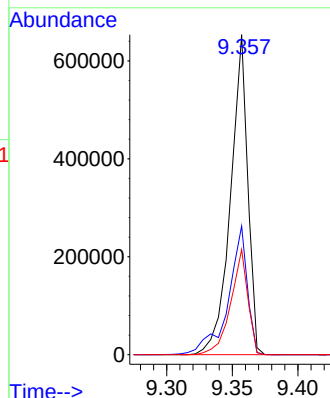
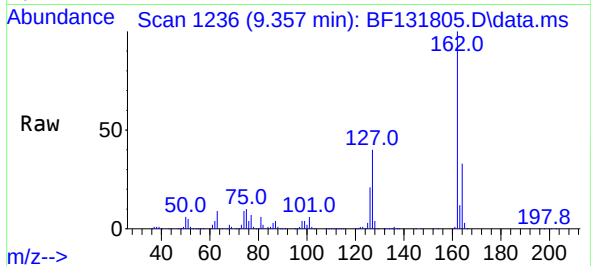
PB149846BS

Tgt Ion:162 Resp: 597570
Ion Ratio Lower Upper
162 100
127 40.2 31.4 47.2
164 32.9 26.6 39.8

Manual Integrations

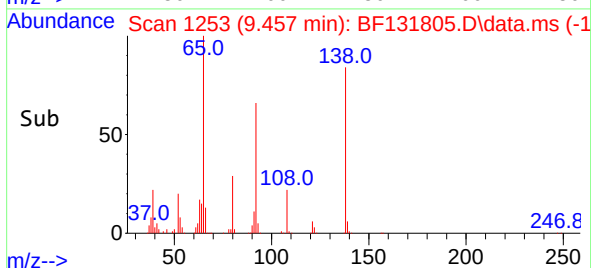
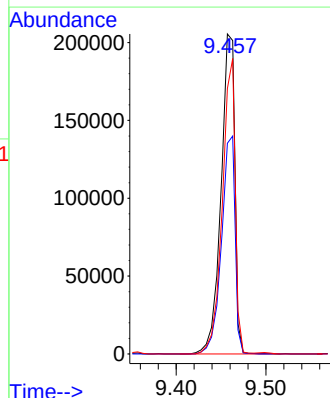
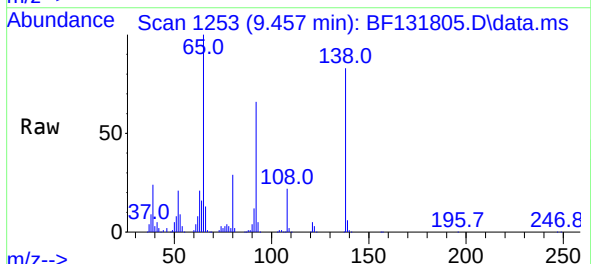
APPROVED

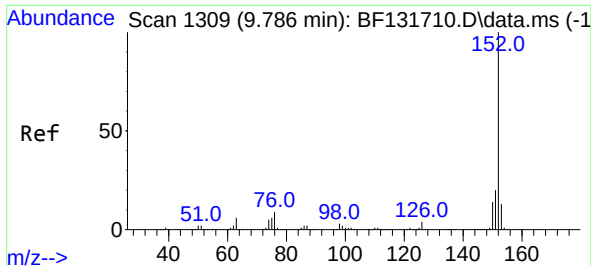
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#48
2-Nitroaniline
Concen: 40.019 ng
RT: 9.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion: 65 Resp: 220331
Ion Ratio Lower Upper
65 100
92 65.9 55.5 83.3
138 82.9 74.8 112.2





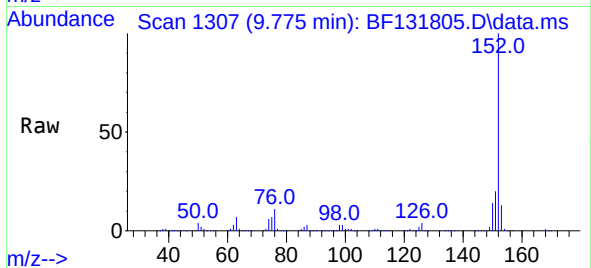
#49
Acenaphthylene
Concen: 39.139 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

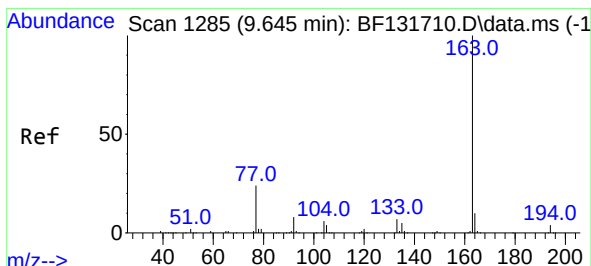
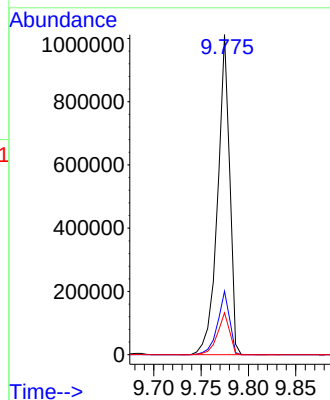
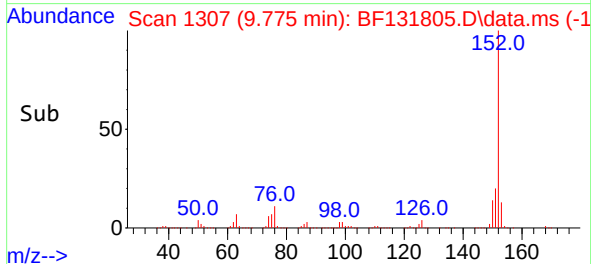


Tgt Ion:152 Resp: 896710
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 13.1 10.6 15.8

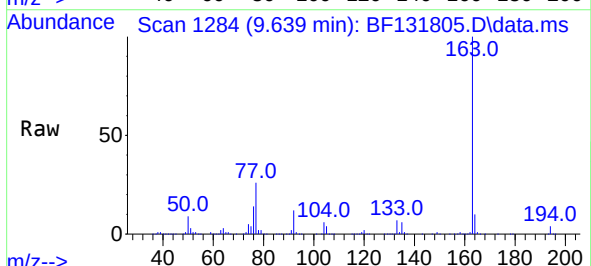
Manual Integrations

APPROVED

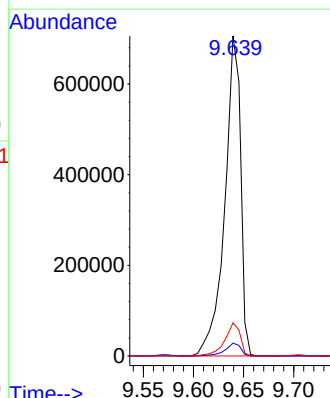
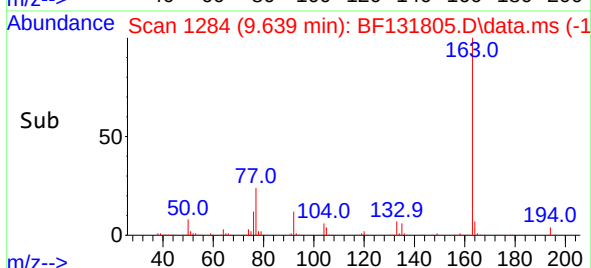
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

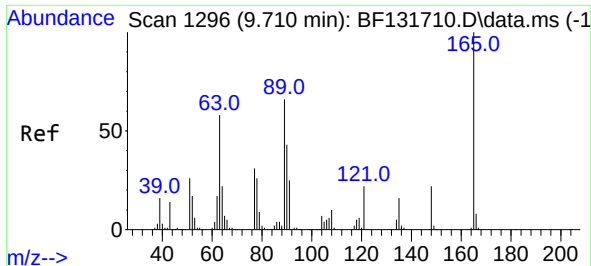


#50
Dimethylphthalate
Concen: 41.530 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:163 Resp: 774995
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 41.333 ng
RT: 9.704 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

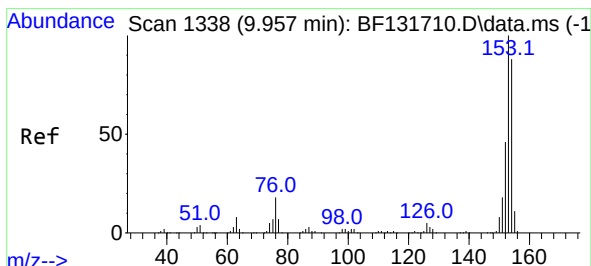
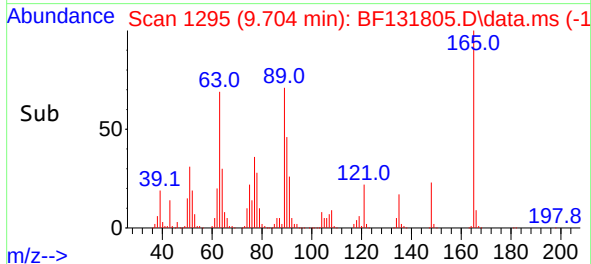
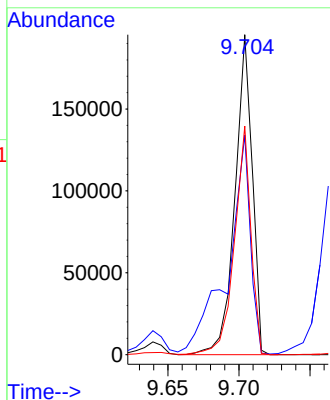
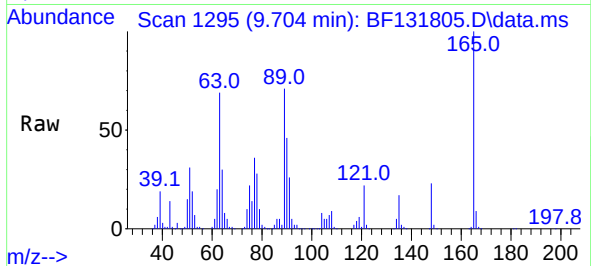
PB149846BS

Tgt Ion:165 Resp: 165850
Ion Ratio Lower Upper
165 100
63 68.6 51.8 77.8
89 71.4 53.2 79.8

Manual Integrations

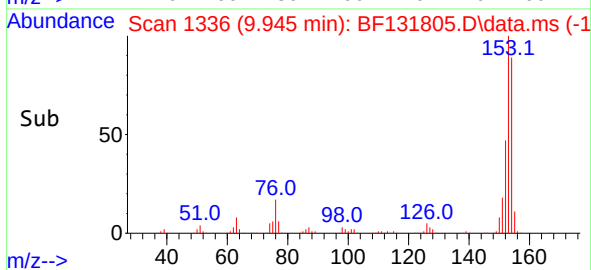
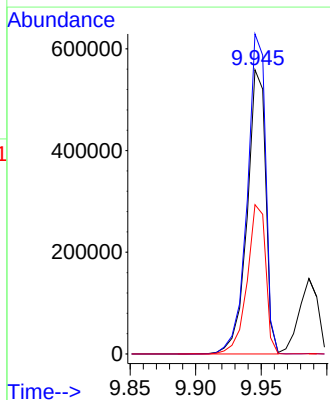
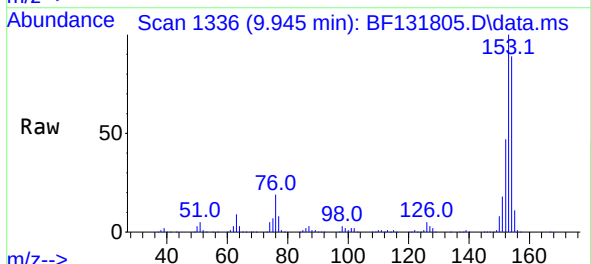
APPROVED

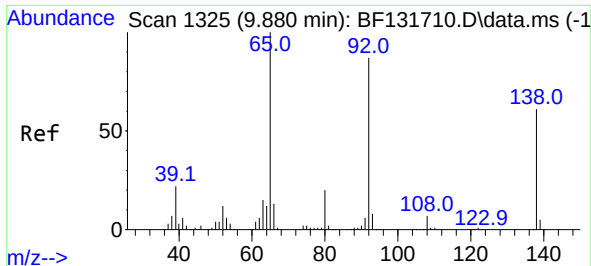
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#52
Acenaphthene
Concen: 39.071 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:154 Resp: 548376
Ion Ratio Lower Upper
154 100
153 112.6 90.4 135.6
152 52.5 42.0 63.0





#53
3-Nitroaniline
Concen: 20.966 ng
RT: 9.875 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

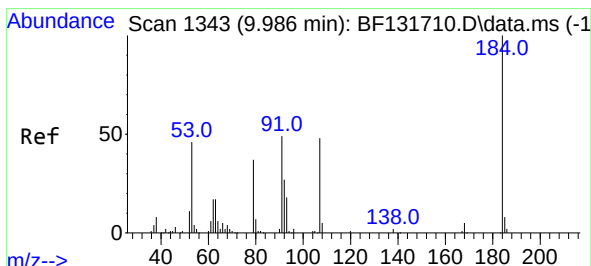
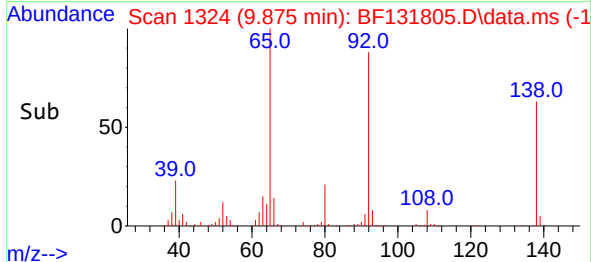
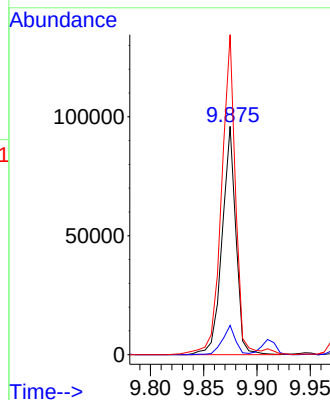
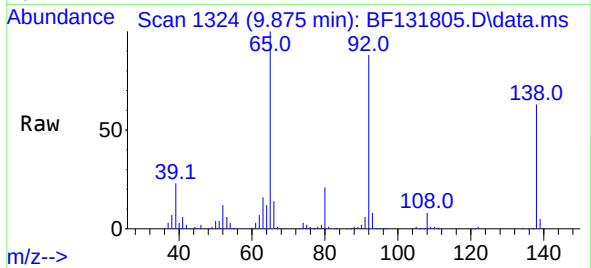
PB149846BS

Tgt Ion:138 Resp: 8608
Ion Ratio Lower Upper
138 100
108 12.8 9.2 13.8
92 140.2 114.6 171.8

Manual Integrations

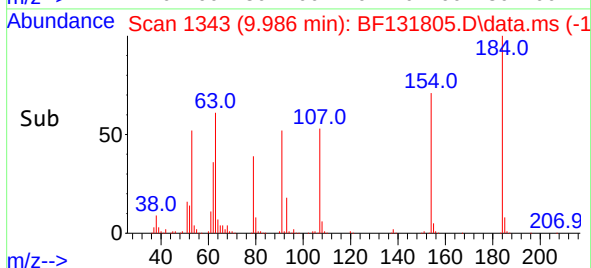
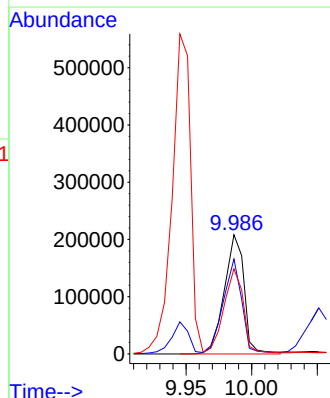
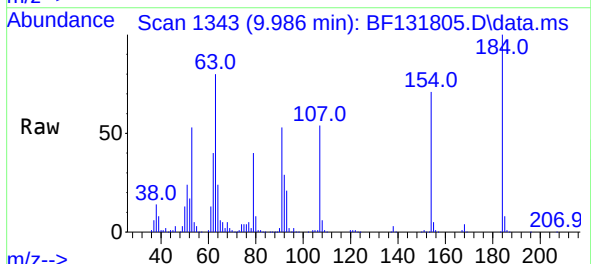
APPROVED

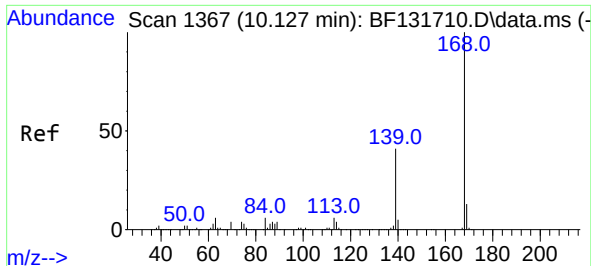
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#54
2,4-Dinitrophenol
Concen: 90.575 ng
RT: 9.986 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

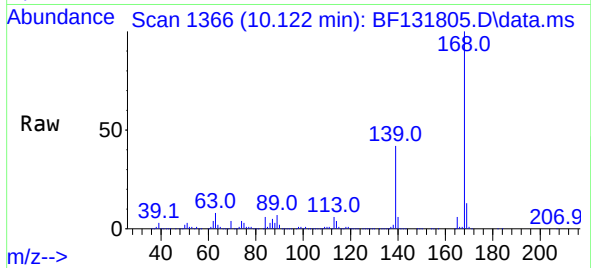
Tgt Ion:184 Resp: 217768
Ion Ratio Lower Upper
184 100
63 79.5 55.8 83.8
154 71.4 57.1 85.7





#55
Dibenzofuran
Concen: 39.325 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

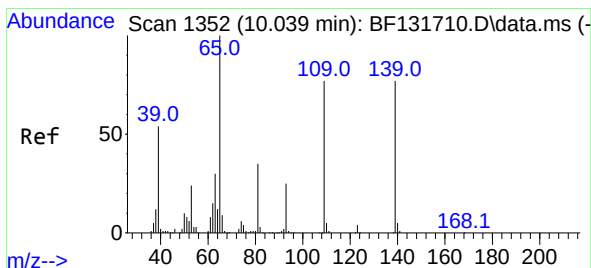
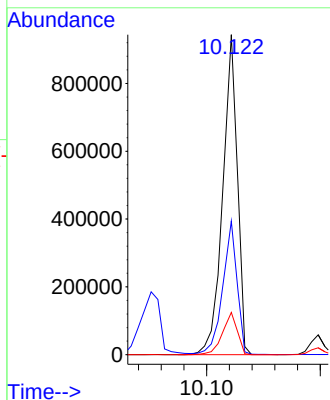
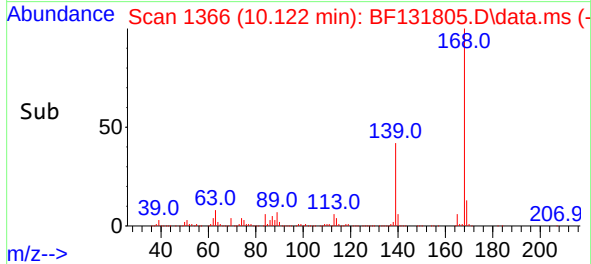
Instrument :
BNA_F
ClientSampleId :
PB149846BS



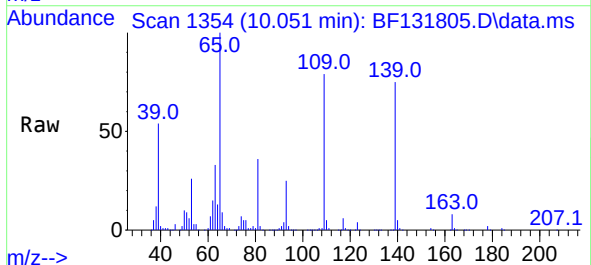
Tgt Ion:168 Resp: 846350
Ion Ratio Lower Upper
168 100
139 41.8 32.7 49.1
169 13.2 10.6 16.0

Manual Integrations
APPROVED

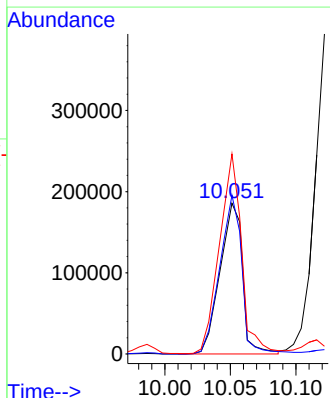
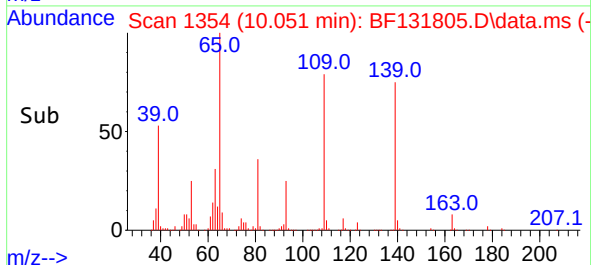
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

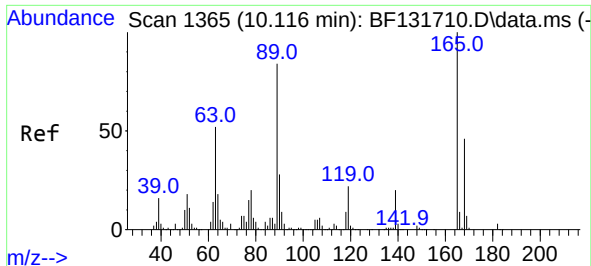


#56
4-Nitrophenol
Concen: 75.237 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:139 Resp: 221089
Ion Ratio Lower Upper
139 100
109 105.3 79.9 119.9
65 132.7 110.2 150.2





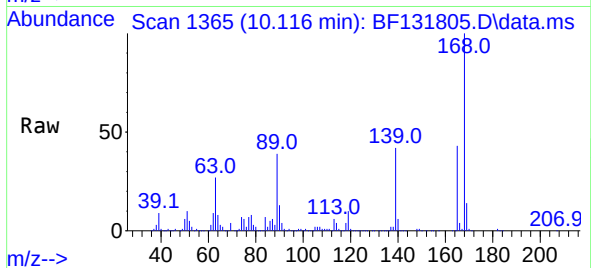
#57
2,4-Dinitrotoluene
Concen: 41.200 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

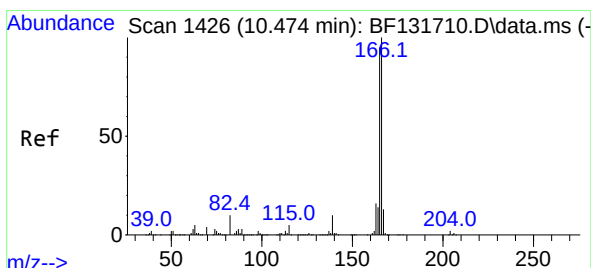
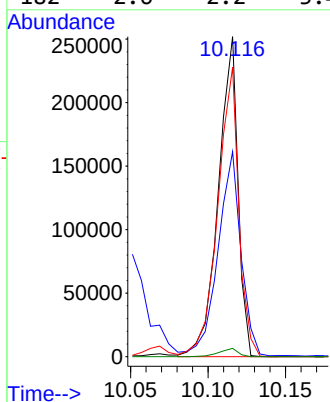
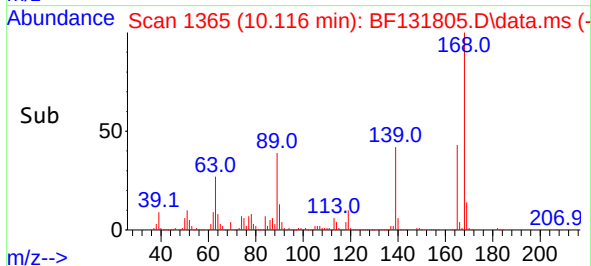


Tgt Ion:165 Resp: 22214
Ion Ratio Lower Upper
165 100
63 64.0 41.5 62.3
89 90.5 67.0 100.4
182 2.6 2.2 3.4

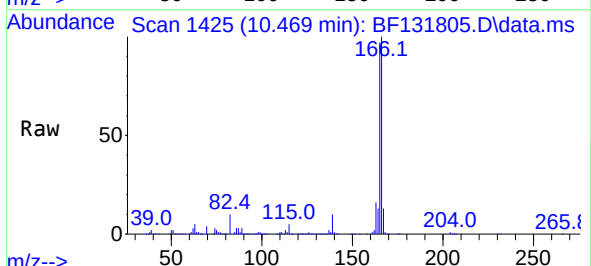
Manual Integrations

APPROVED

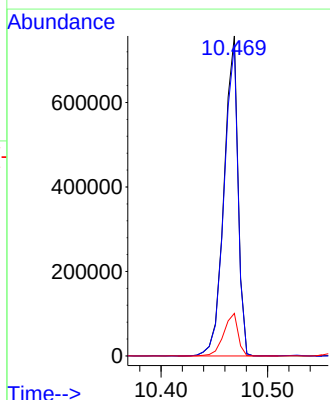
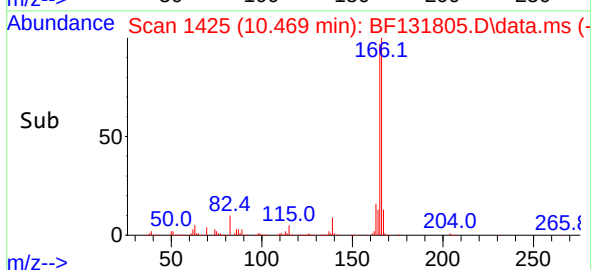
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

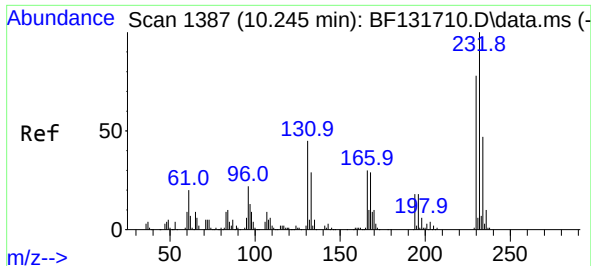


#58
Fluorene
Concen: 39.612 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:166 Resp: 689272
Ion Ratio Lower Upper
166 100
165 97.3 75.8 113.8
167 13.3 10.6 15.8





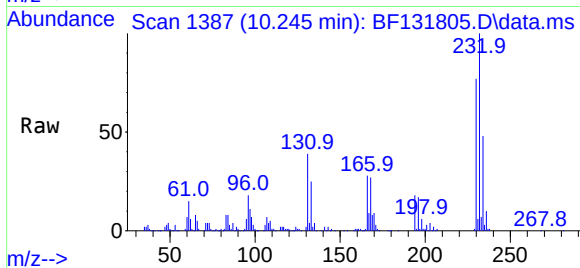
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.570 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

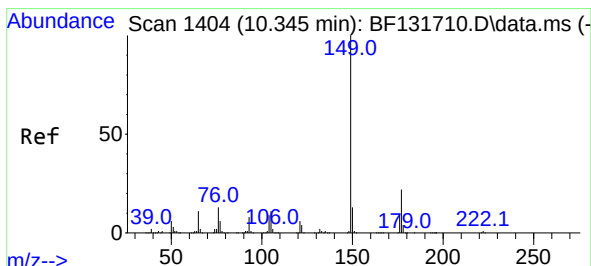
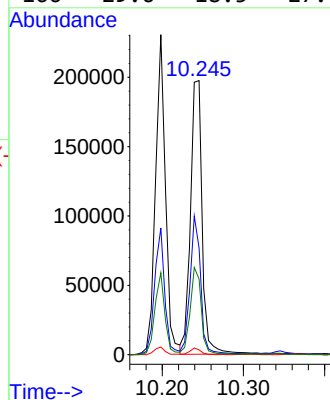
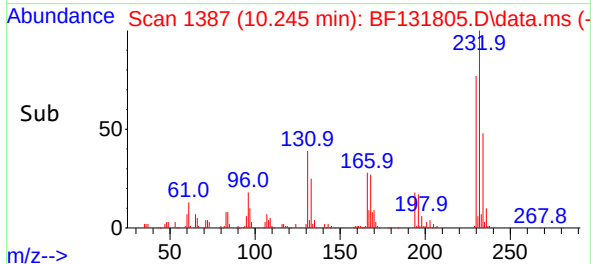


Tgt Ion:232 Resp: 198221
Ion Ratio Lower Upper
232 100
131 44.7 29.9 44.9
130 2.3 1.7 2.5
166 29.6 18.5 27.7#

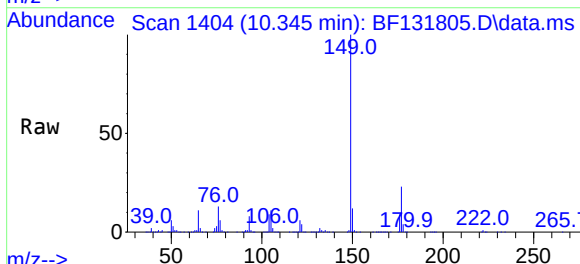
Manual Integrations

APPROVED

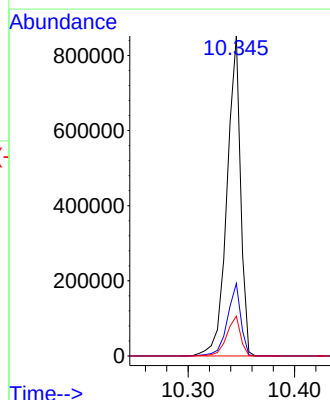
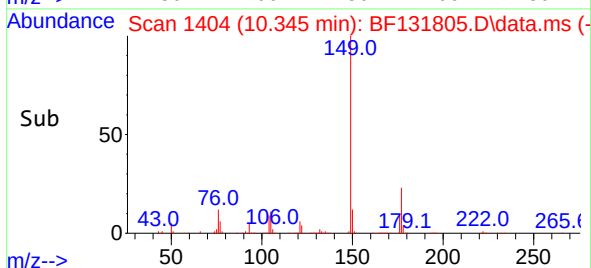
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

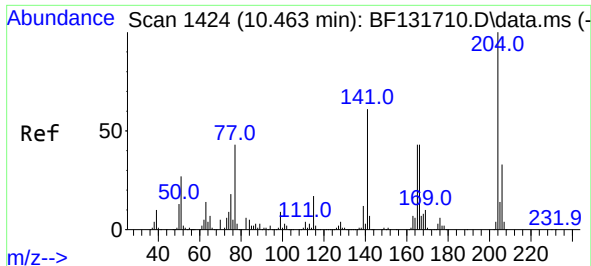


#60
Diethylphthalate
Concen: 41.850 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



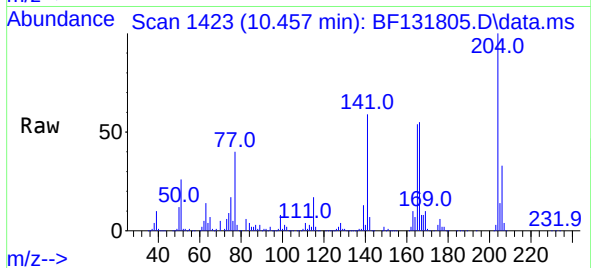
Tgt Ion:149 Resp: 752495
Ion Ratio Lower Upper
149 100
177 22.7 17.4 26.0
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.414 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

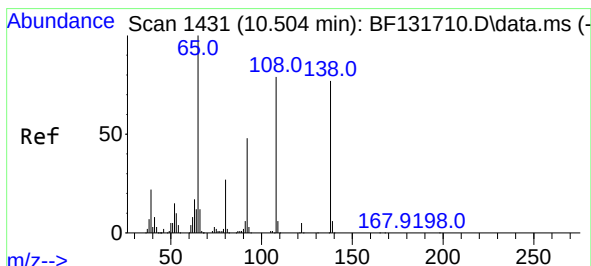
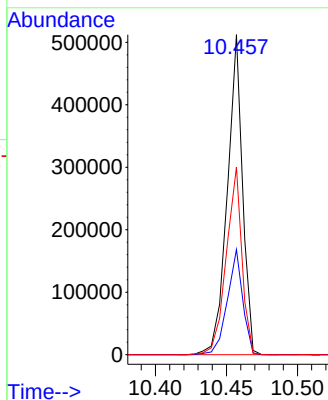
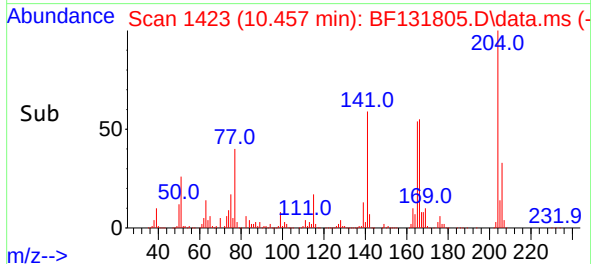
Instrument :
BNA_F
ClientSampleId :
PB149846BS



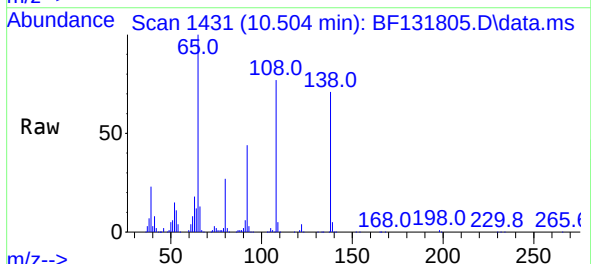
Tgt Ion:204 Resp: 38300
Ion Ratio Lower Upper
204 100
206 32.9 26.6 40.0
141 58.6 48.6 72.8

Manual Integrations
APPROVED

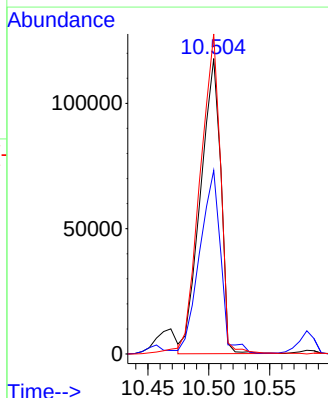
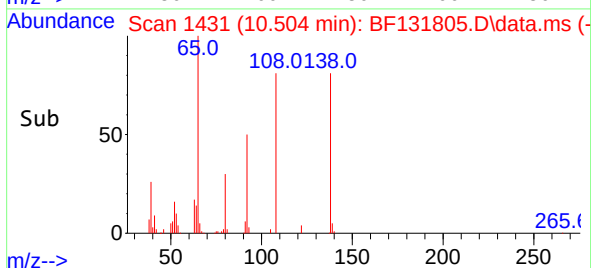
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

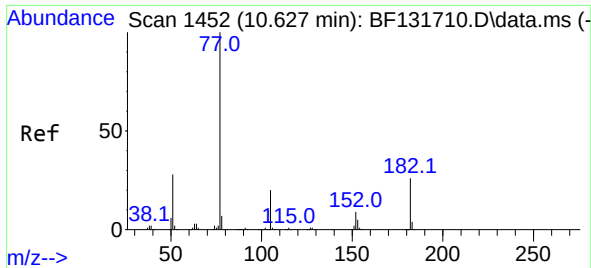


#62
4-Nitroaniline
Concen: 32.863 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



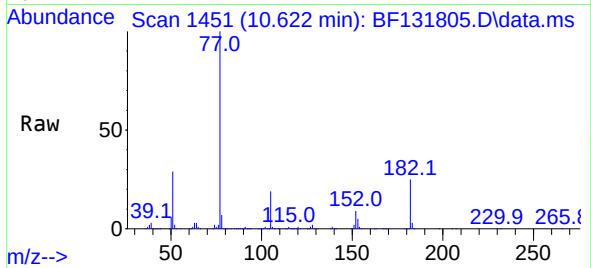
Tgt Ion:138 Resp: 135791
Ion Ratio Lower Upper
138 100
92 62.1 42.1 82.1
108 108.3 83.1 123.1





#63
Azobenzene
Concen: 40.178 ng
RT: 10.622 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

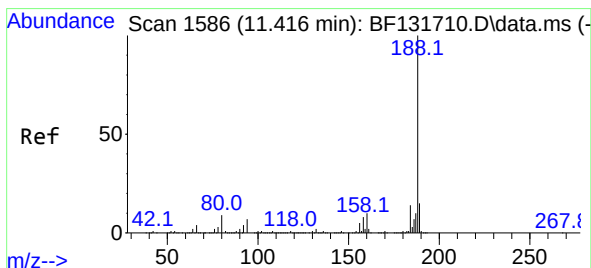
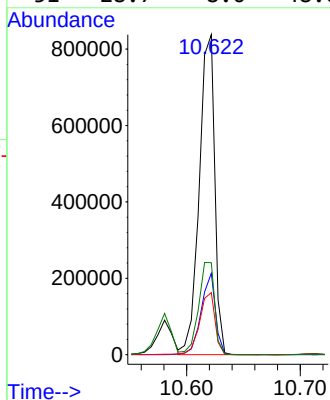
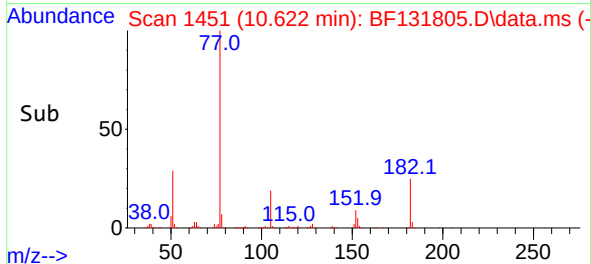
Instrument :
BNA_F
ClientSampleId :
PB149846BS



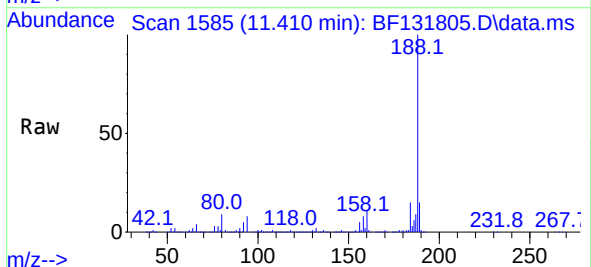
Tgt Ion: 77 Resp: 793350
Ion Ratio Lower Upper
77 100
182 25.5 5.8 45.8
105 19.4 0.0 39.7
51 28.7 8.0 48.0

Manual Integrations
APPROVED

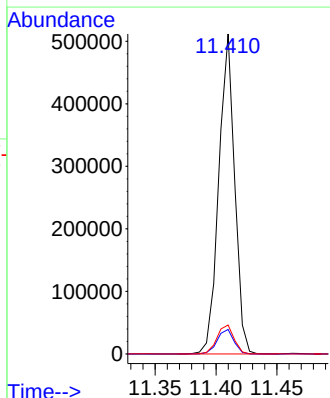
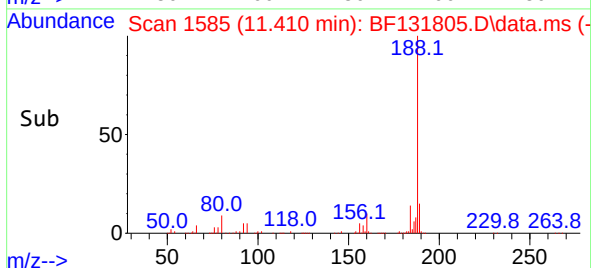
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

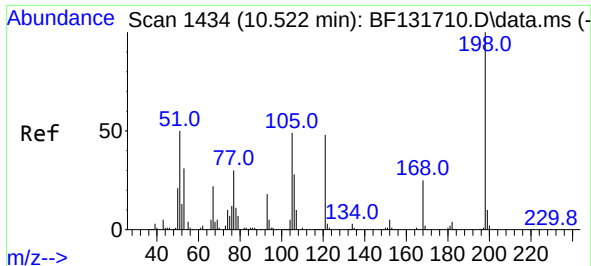


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:188 Resp: 465281
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 9.1 7.0 10.6





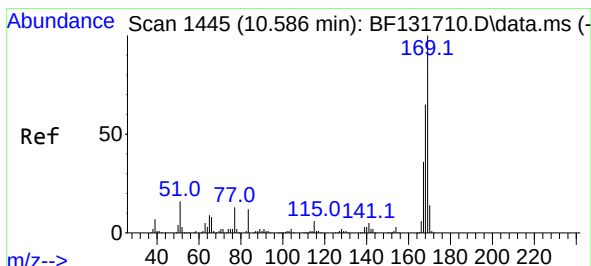
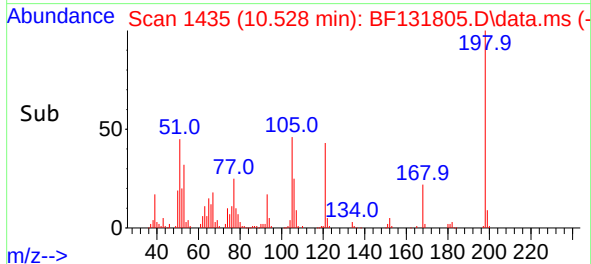
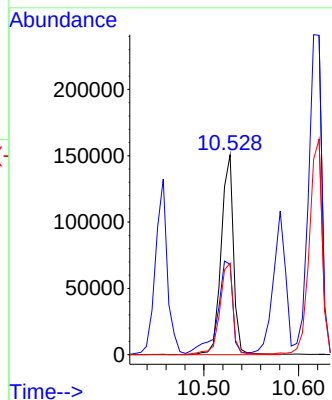
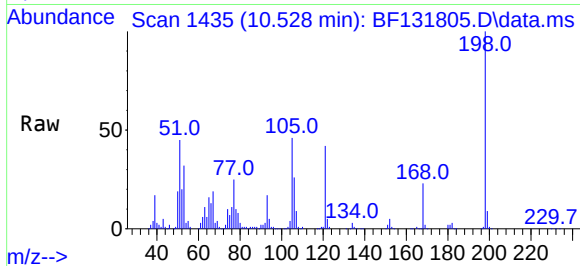
#65
4,6-Dinitro-2-methylphenol
Concen: 42.719 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion:198 Resp: 136462
Ion Ratio Lower Upper
198 100
51 45.3 34.1 74.1
105 45.8 29.7 69.7

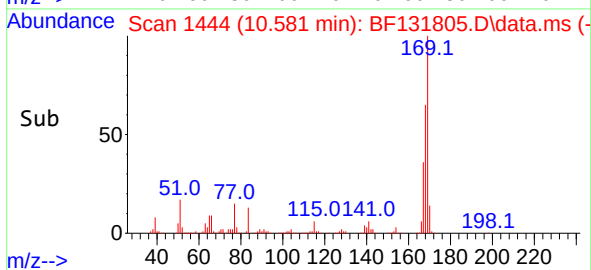
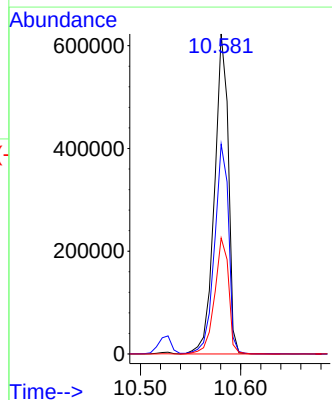
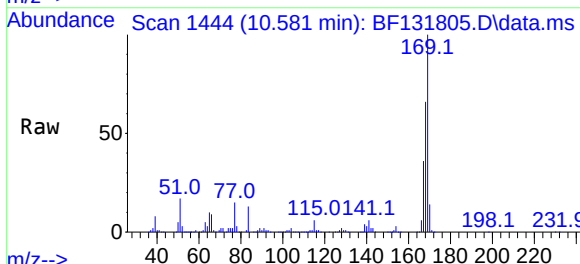
Manual Integrations
APPROVED

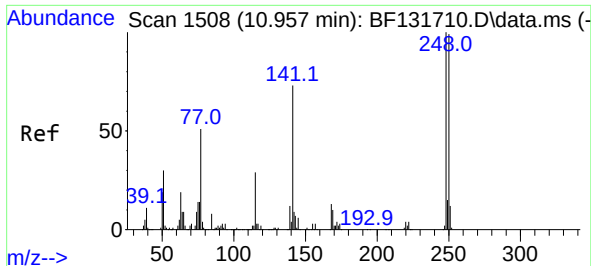
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#66
n-Nitrosodiphenylamine
Concen: 41.214 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:169 Resp: 594676
Ion Ratio Lower Upper
169 100
168 65.6 52.4 78.6
167 36.3 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 42.745 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

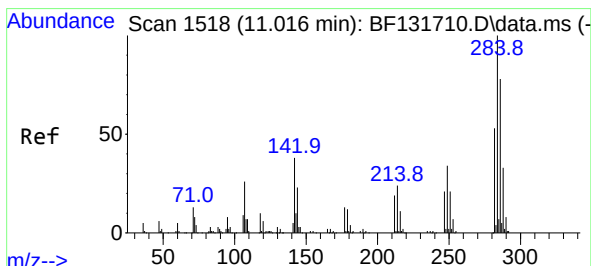
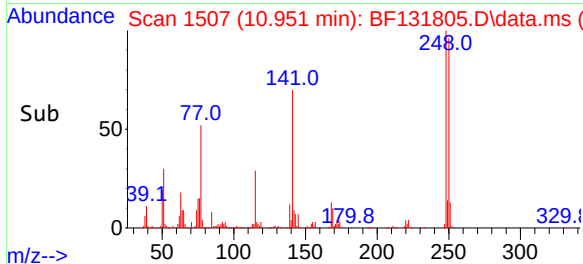
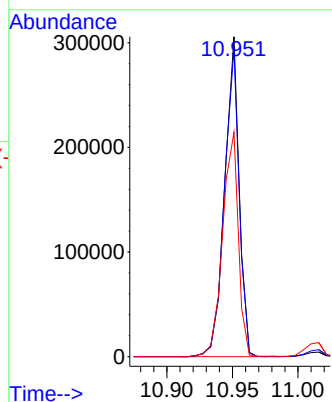
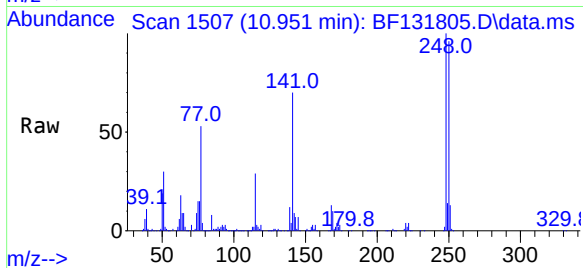
PB149846BS

Tgt Ion:248 Resp: 234898
Ion Ratio Lower Upper
248 100
250 96.2 79.4 119.0
141 70.1 58.1 87.1

Manual Integrations

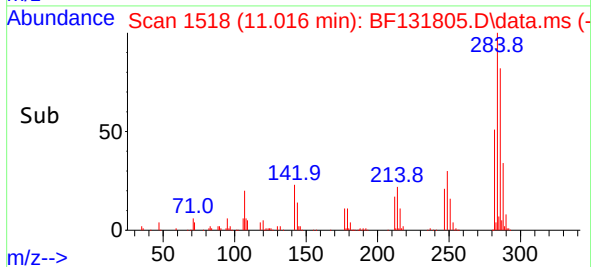
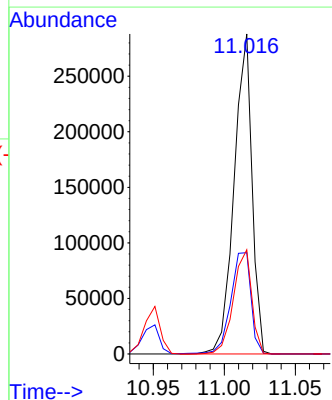
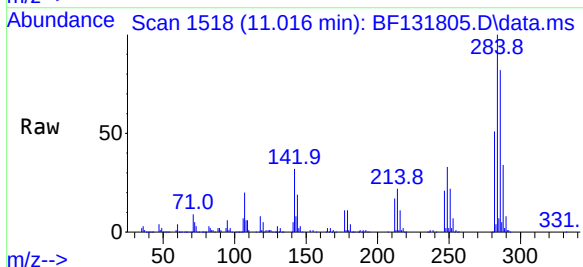
APPROVED

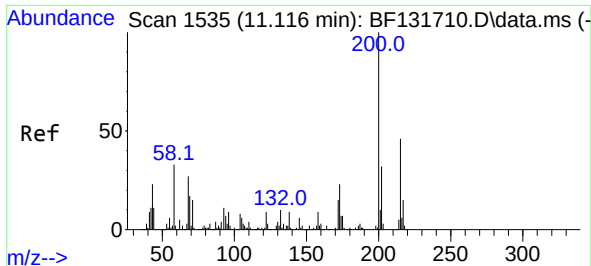
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#68
Hexachlorobenzene
Concen: 41.676 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

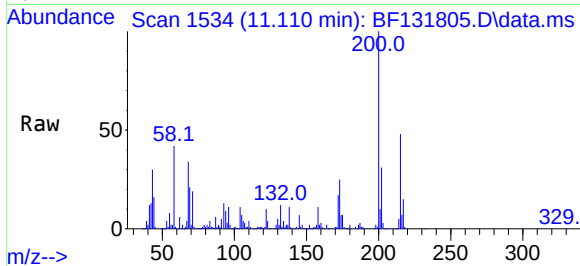
Tgt Ion:284 Resp: 251883
Ion Ratio Lower Upper
284 100
142 31.6 30.2 45.4
249 32.5 27.2 40.8





#69
Atrazine
Concen: 27.629 ng
RT: 11.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

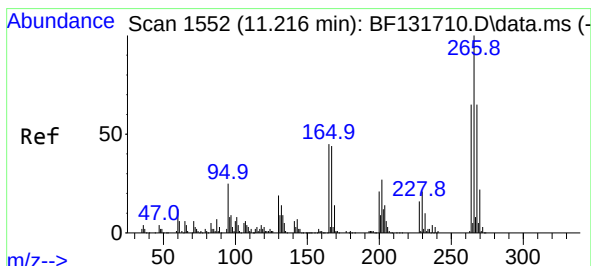
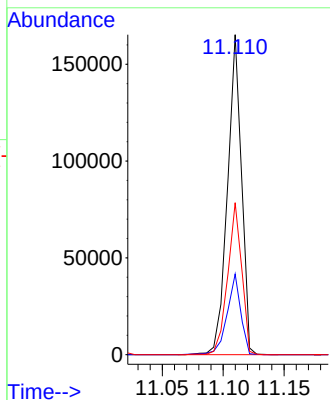
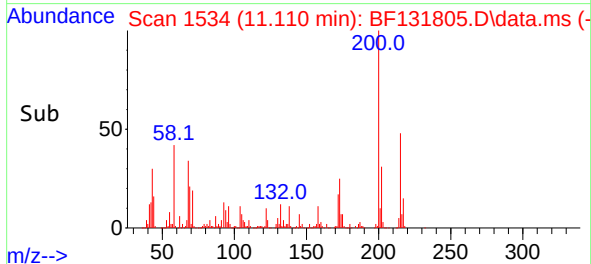
Instrument :
BNA_F
ClientSampleId :
PB149846BS



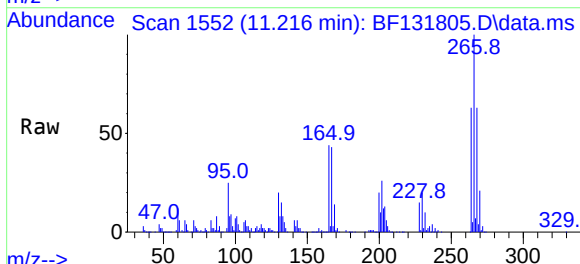
Tgt Ion:200 Resp: 132890
Ion Ratio Lower Upper
200 100
173 25.2 2.7 42.7
215 47.5 26.4 66.4

Manual Integrations
APPROVED

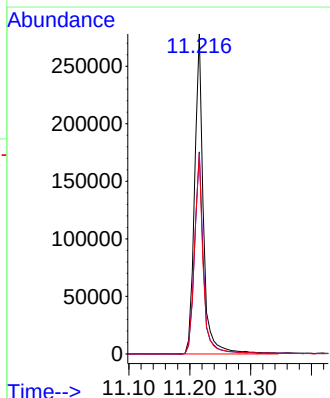
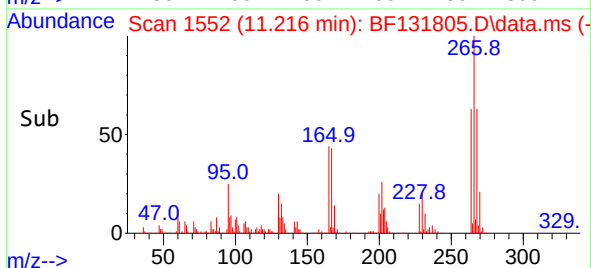
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

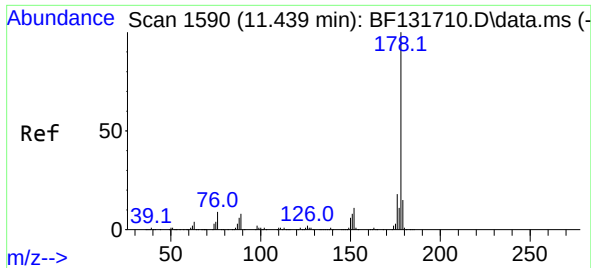


#70
Pentachlorophenol
Concen: 87.058 ng
RT: 11.216 min Scan# 1552
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



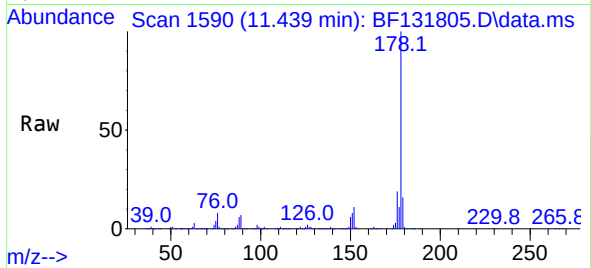
Tgt Ion:266 Resp: 279261
Ion Ratio Lower Upper
266 100
268 63.2 52.2 78.4
264 62.8 52.0 78.0





#71
Phenanthrene
Concen: 39.841 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

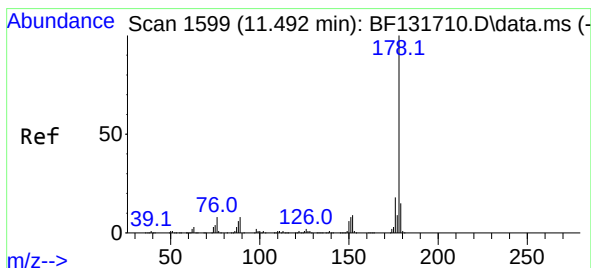
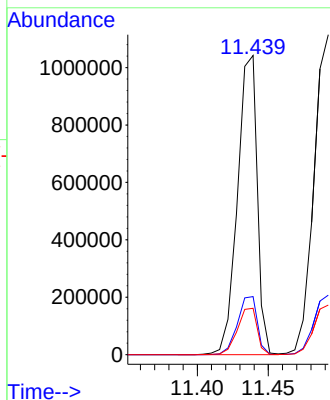
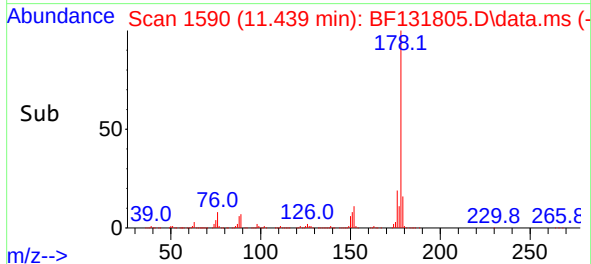
Instrument :
BNA_F
ClientSampleId :
PB149846BS



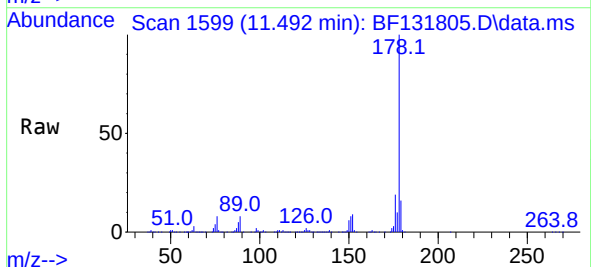
Tgt Ion:178 Resp: 1010812
Ion Ratio Lower Upper
178 100
176 19.4 14.8 22.2
179 15.5 12.2 18.4

Manual Integrations
APPROVED

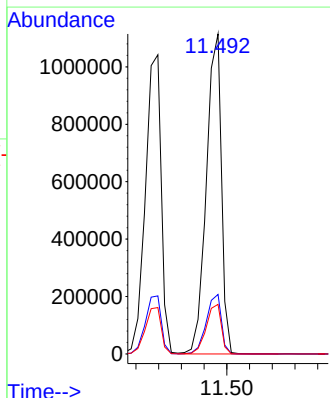
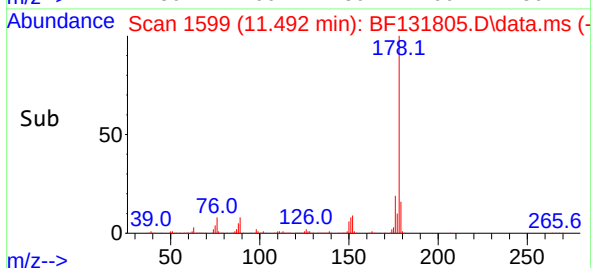
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

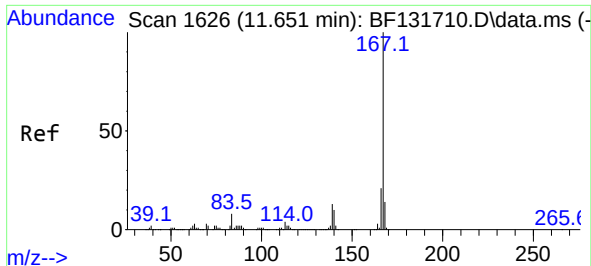


#72
Anthracene
Concen: 41.258 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



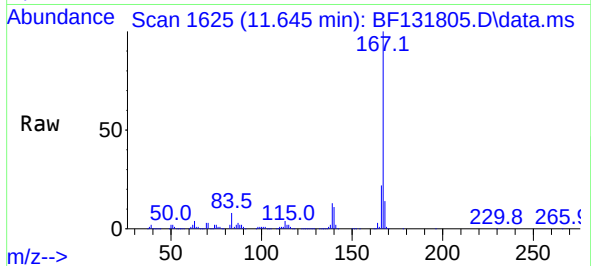
Tgt Ion:178 Resp: 1024924
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.5 12.2 18.4





#73
 Carbazole
 Concen: 40.231 ng
 RT: 11.645 min Scan# 1625
 Delta R.T. 0.000 min
 Lab File: BF131805.D
 Acq: 23 Dec 2022 14:25

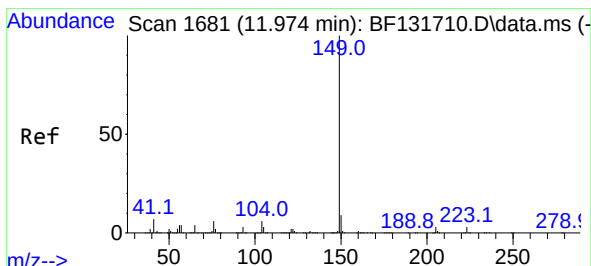
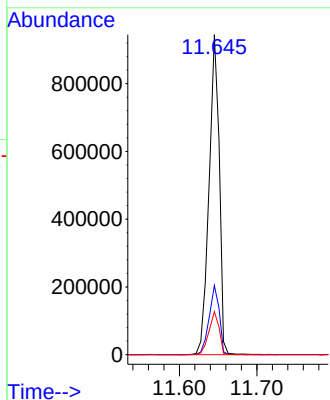
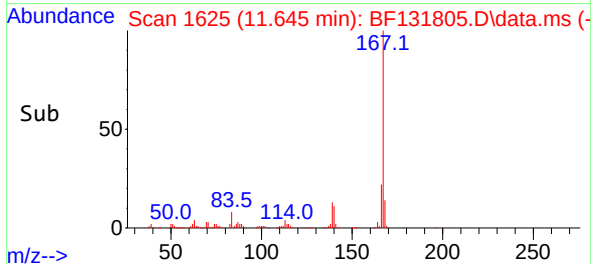
Instrument :
 BNA_F
 ClientSampleId :
 PB149846BS



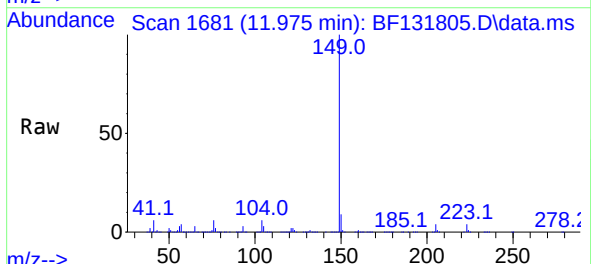
Tgt Ion:167 Resp: 864648
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.5 10.5 15.7

Manual Integrations
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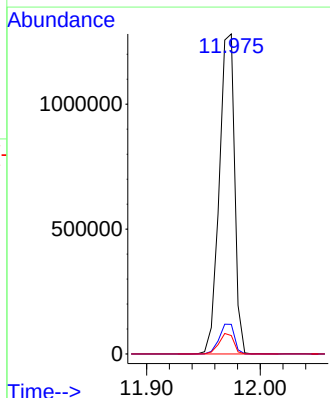
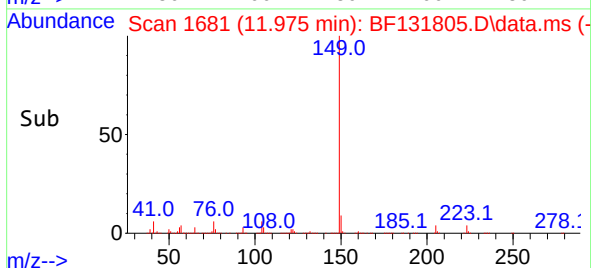
Reviewed By :Christian Giraldo 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

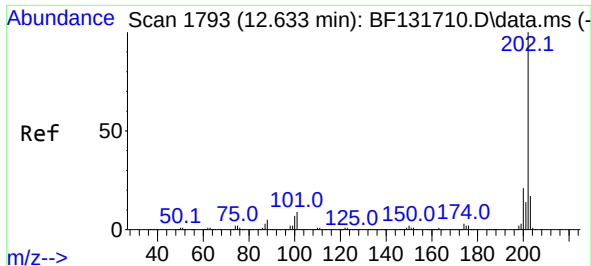


#74
 Di-n-butylphthalate
 Concen: 45.100 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131805.D
 Acq: 23 Dec 2022 14:25



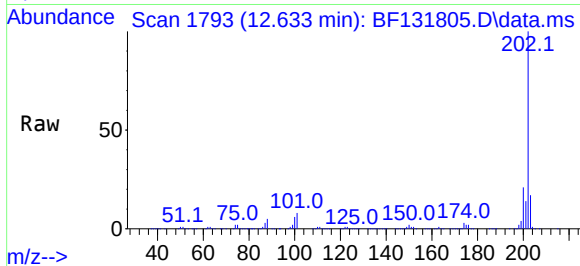
Tgt Ion:149 Resp: 1206952
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.8 5.0 7.4





#75
Fluoranthene
Concen: 39.595 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

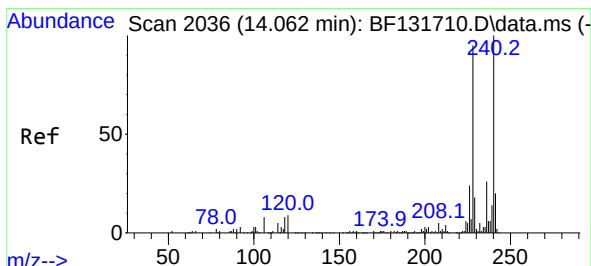
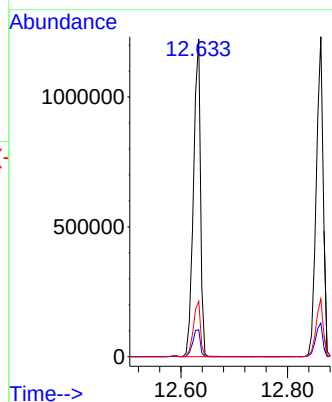
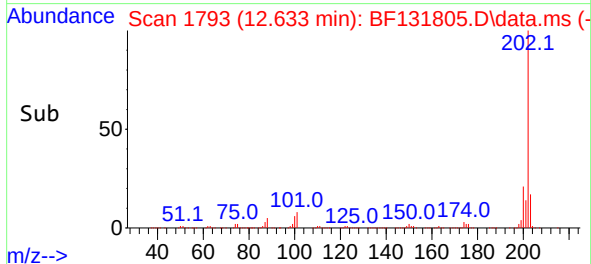
Instrument :
BNA_F
ClientSampleId :
PB149846BS



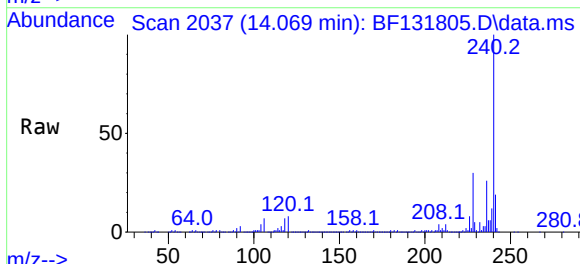
Tgt Ion:202 Resp: 111880
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.8
203 17.5 0.0 37.1

Manual Integrations
APPROVED

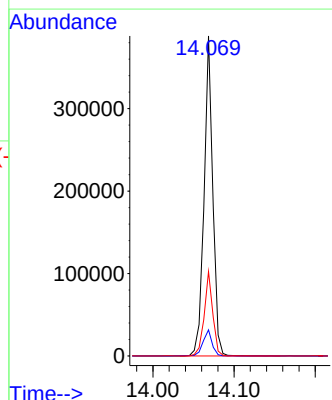
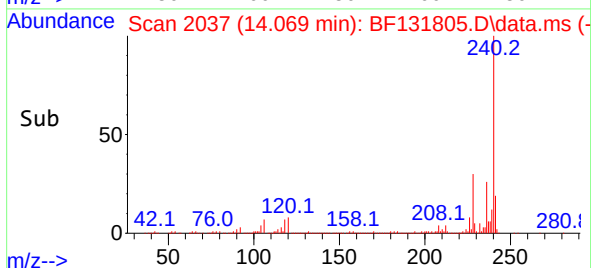
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

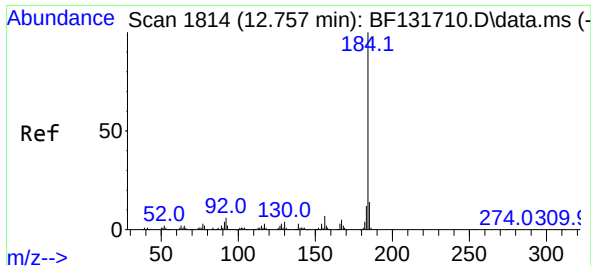


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:240 Resp: 289538
Ion Ratio Lower Upper
240 100
120 8.2 7.6 11.4
236 26.4 21.2 31.8





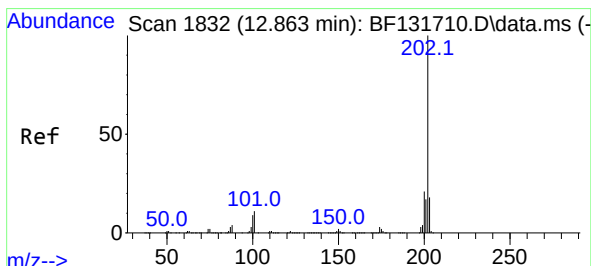
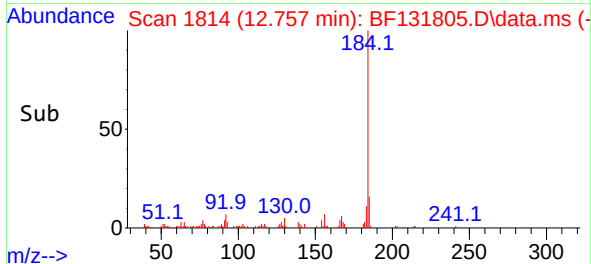
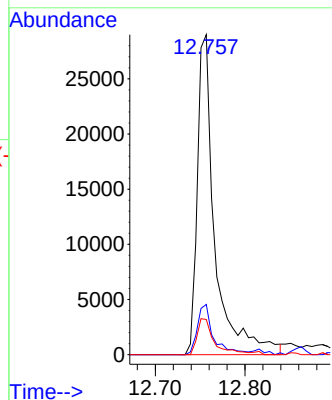
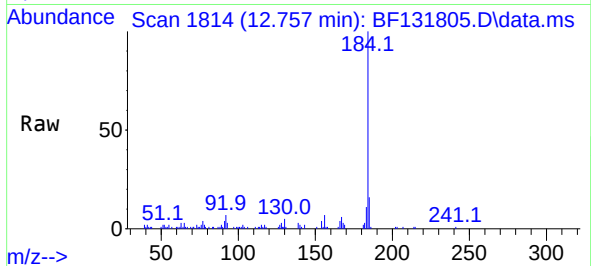
#77
Benzidine
Concen: 7.457 ng
RT: 12.757 min Scan# 1814
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion:184 Resp: 3959
Ion Ratio Lower Upper
184 100
185 15.7 11.3 16.9
183 11.0 9.3 13.9

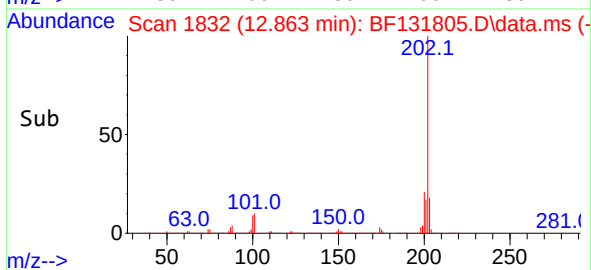
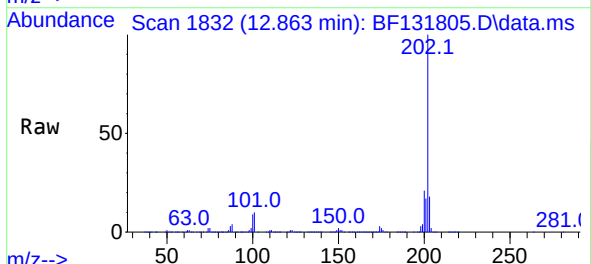
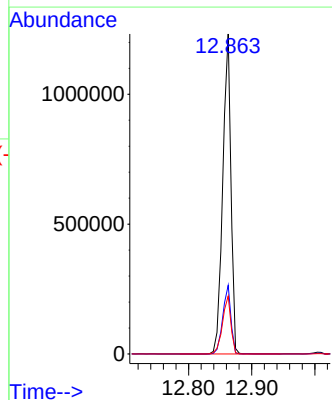
Manual Integrations
APPROVED

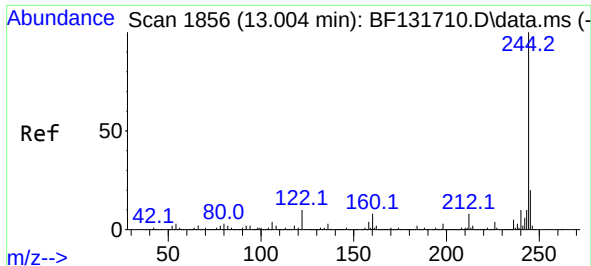
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#78
Pyrene
Concen: 42.374 ng
RT: 12.863 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:202 Resp: 1115476
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 18.1 14.1 21.1





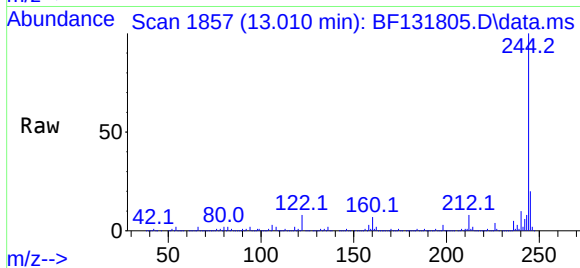
#79
Terphenyl-d14
Concen: 95.424 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

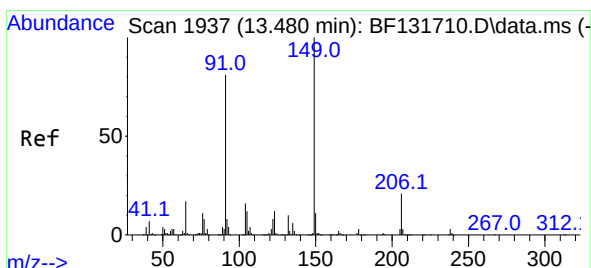
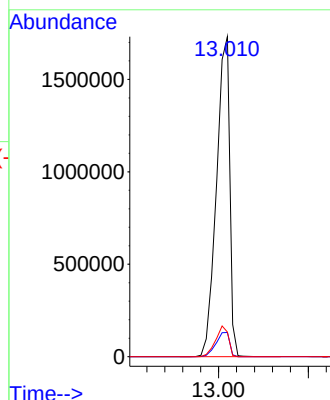
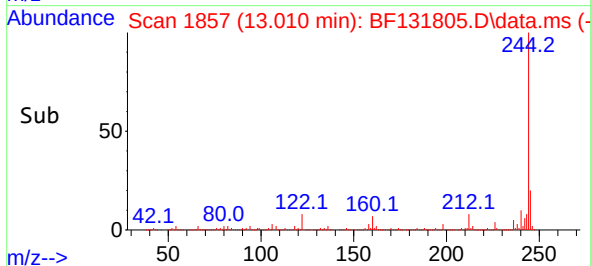


Tgt Ion:244 Resp: 177276
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 7.7 7.7 11.5

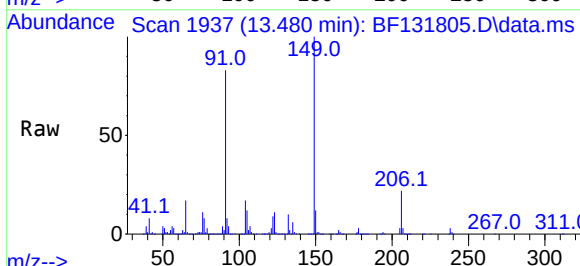
Manual Integrations

APPROVED

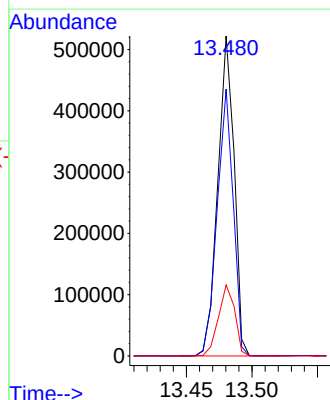
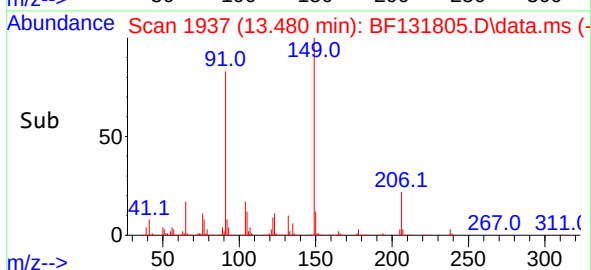
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

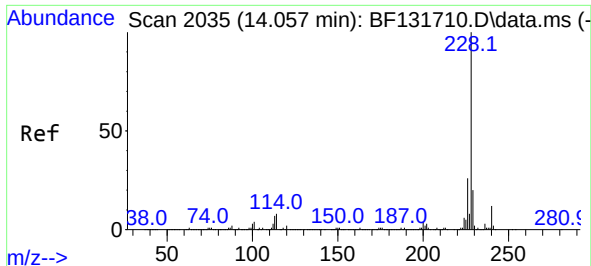


#80
Butylbenzylphthalate
Concen: 48.554 ng
RT: 13.480 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:149 Resp: 450801
Ion Ratio Lower Upper
149 100
91 83.4 64.9 97.3
206 22.2 17.0 25.4





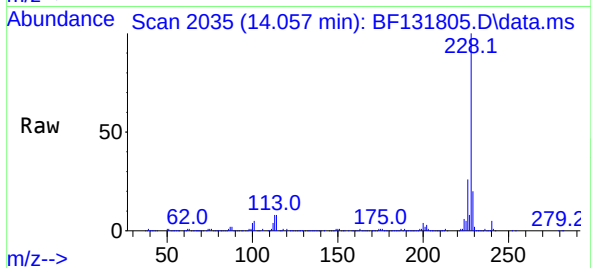
#81
Benzo(a)anthracene
Concen: 40.077 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

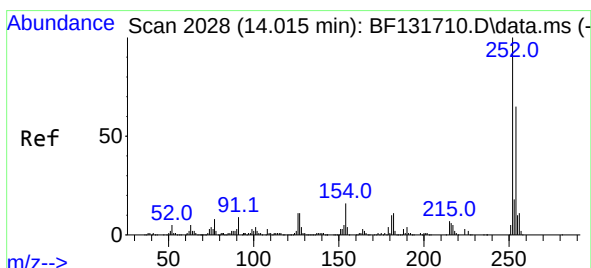
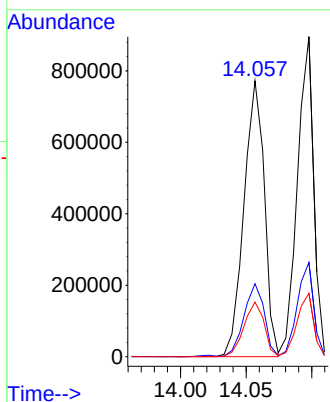
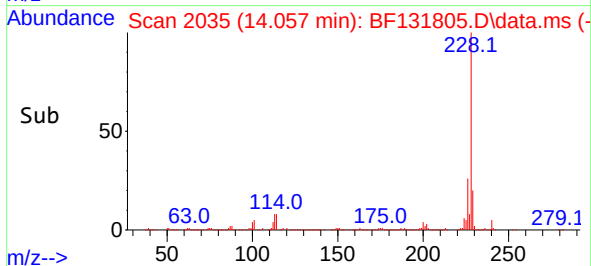


Tgt Ion:228 Resp: 835711
Ion Ratio Lower Upper
228 100
226 26.5 21.0 31.4
229 19.8 15.8 23.8

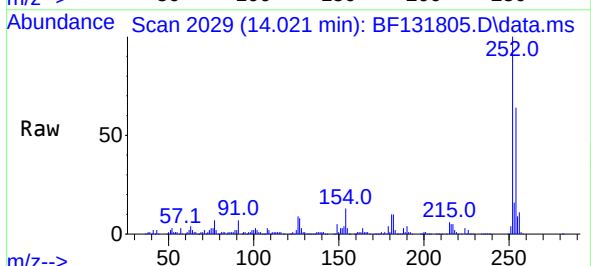
Manual Integrations

APPROVED

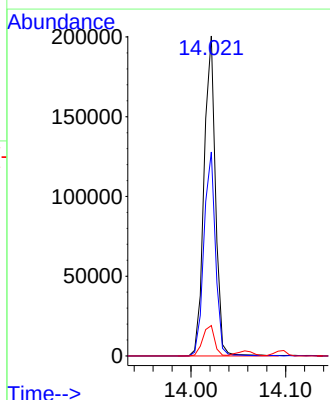
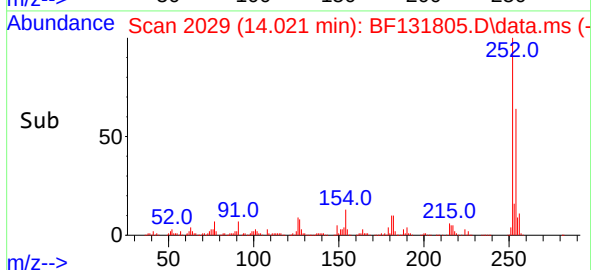
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

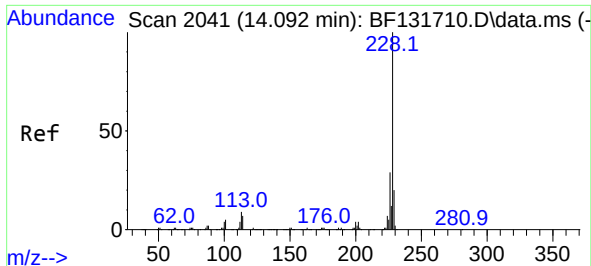


#82
3,3'-Dichlorobenzidine
Concen: 28.908 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:252 Resp: 168298
Ion Ratio Lower Upper
252 100
254 63.8 52.1 78.1
126 9.5 8.4 12.6





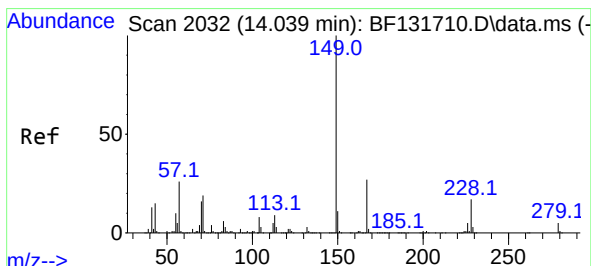
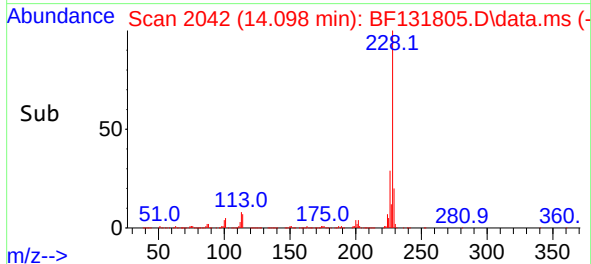
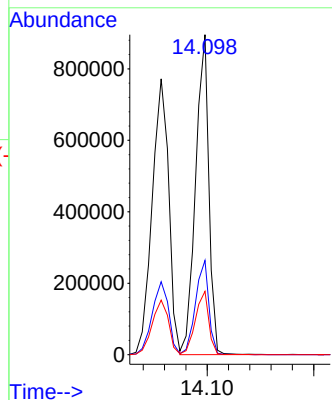
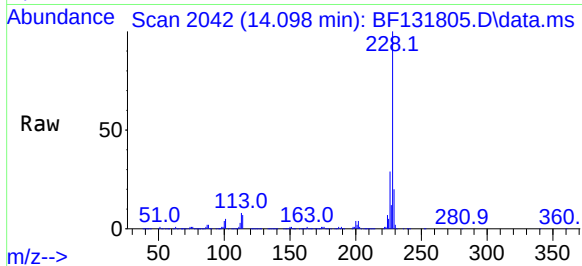
#83
Chrysene
Concen: 39.316 ng
RT: 14.098 min Scan# 2041
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :
BNA_F
ClientSampleId :
PB149846BS

Tgt Ion:228 Resp: 773815
Ion Ratio Lower Upper
228 100
226 29.4 23.5 35.3
229 19.8 15.6 23.4

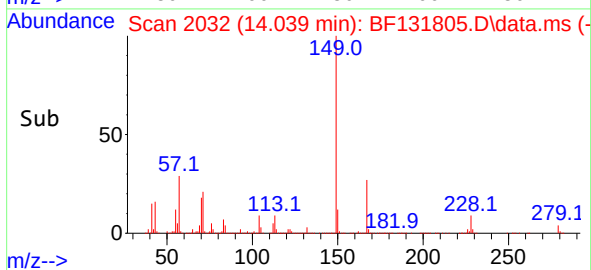
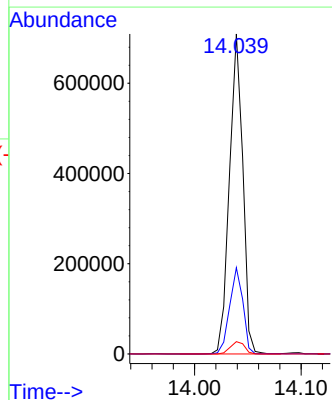
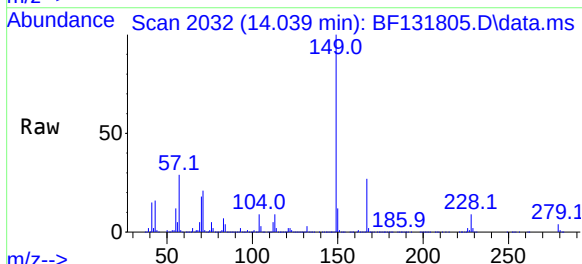
Manual Integrations
APPROVED

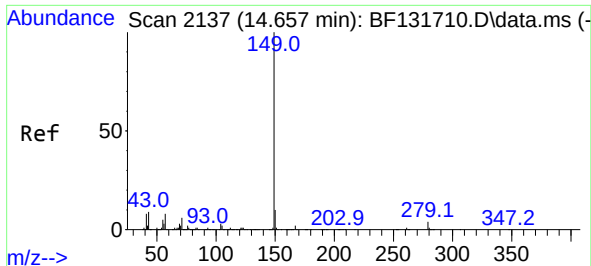
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.625 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:149 Resp: 615833
Ion Ratio Lower Upper
149 100
167 27.0 21.7 32.5
279 3.9 3.8 5.6





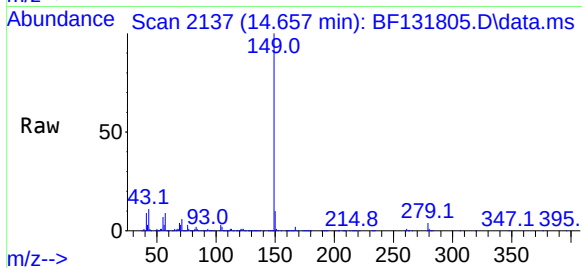
#85
Di-n-octyl phthalate
Concen: 54.584 ng
RT: 14.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

PB149846BS

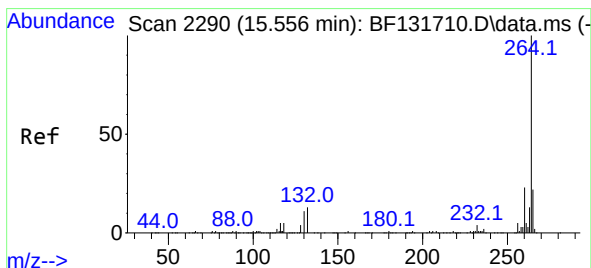
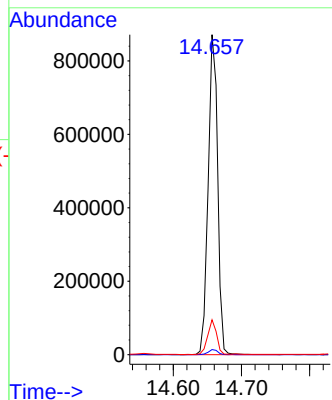
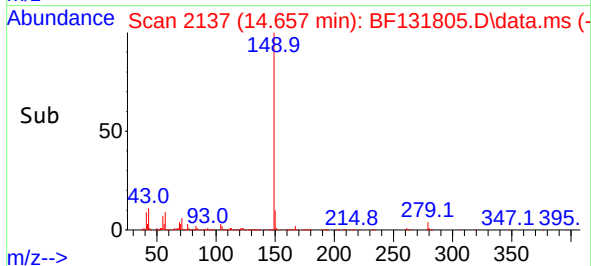


Tgt Ion:149 Resp: 84355
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.2 8.3 12.5

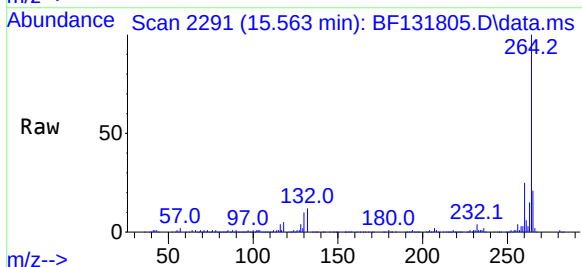
Manual Integrations

APPROVED

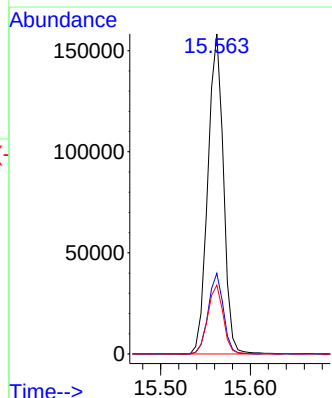
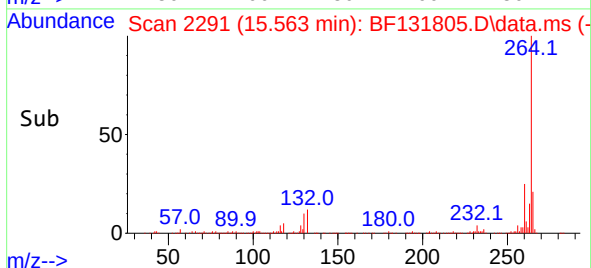
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

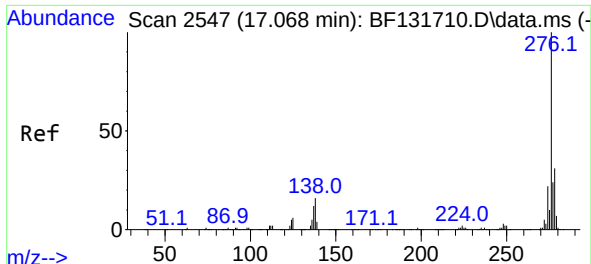


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2291
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25



Tgt Ion:264 Resp: 191095
Ion Ratio Lower Upper
264 100
260 25.2 18.6 28.0
265 21.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.867 ng
RT: 17.086 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

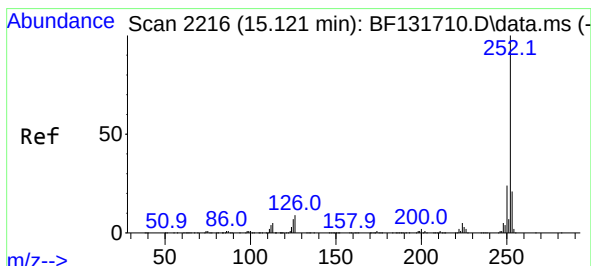
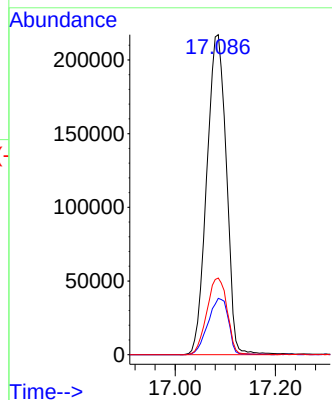
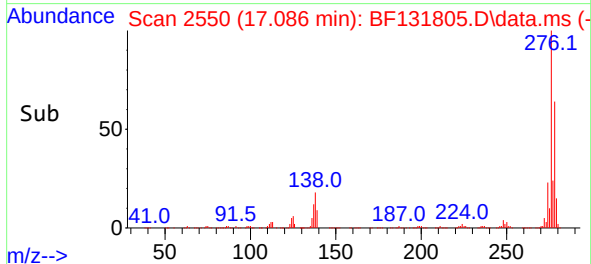
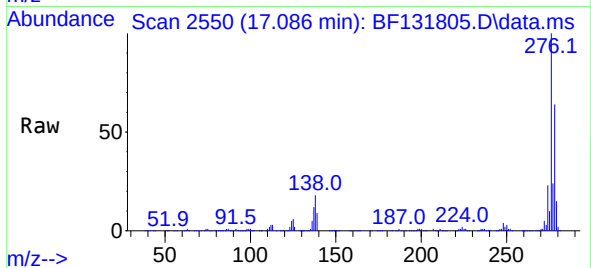
PB149846BS

Tgt Ion:276 Resp: 58872
Ion Ratio Lower Upper
276 100
138 18.4 14.4 21.6
277 24.8 19.8 29.8

Manual Integrations

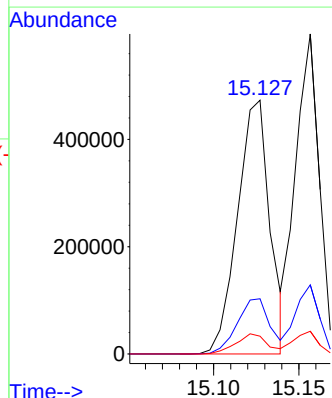
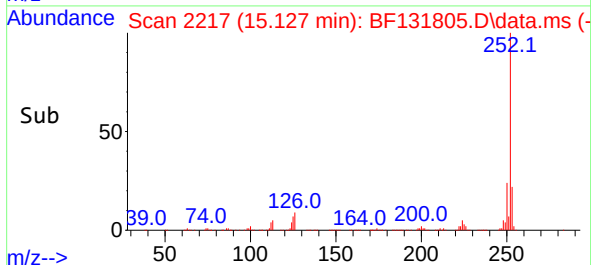
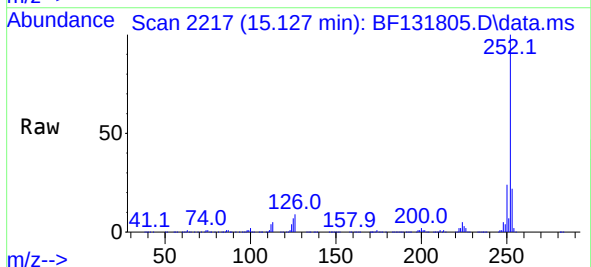
APPROVED

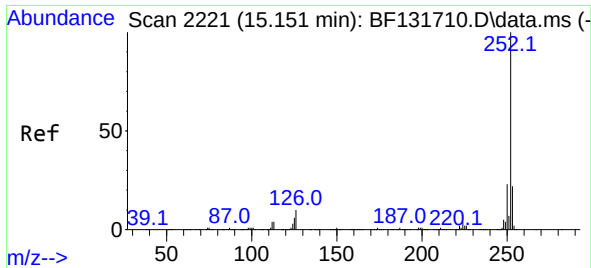
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#88
Benzo(b)fluoranthene
Concen: 46.163 ng
RT: 15.127 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:252 Resp: 624104
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 7.0 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 44.253 ng
RT: 15.157 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

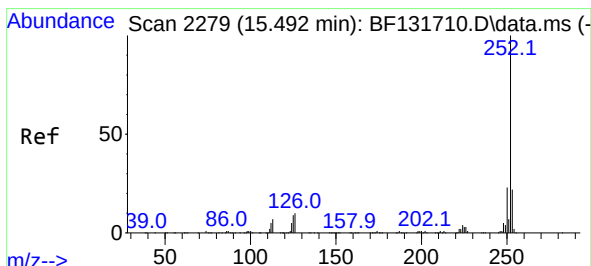
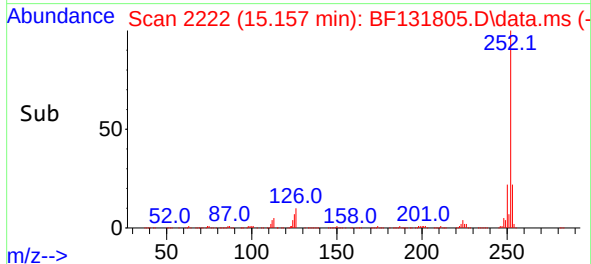
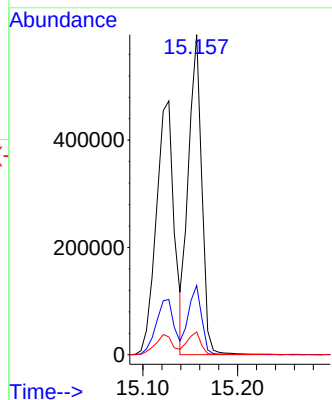
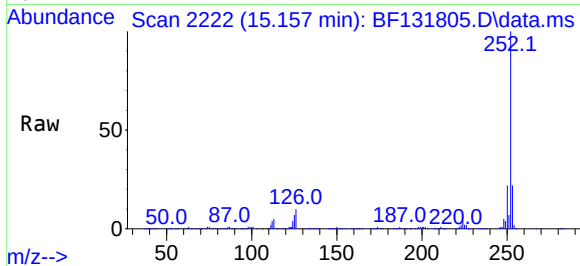
PB149846BS

Tgt Ion:252 Resp: 583808
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 7.1 5.2 7.8

Manual Integrations

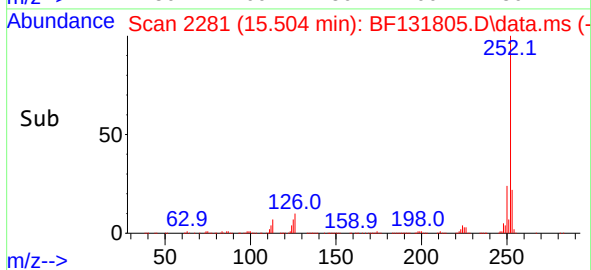
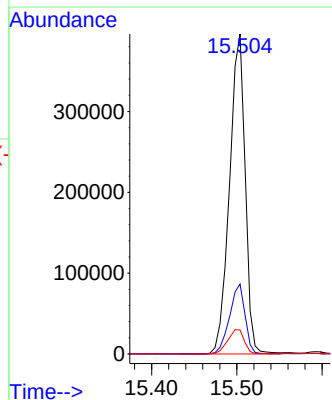
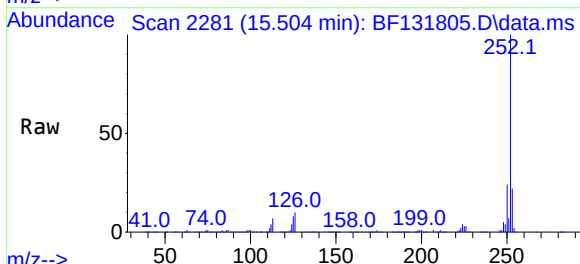
APPROVED

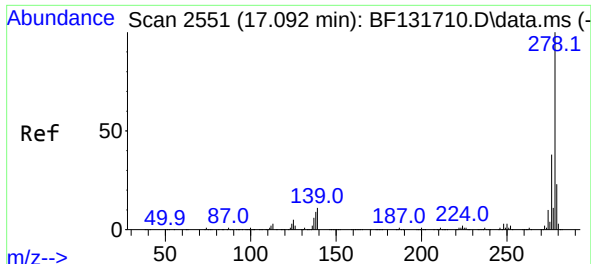
Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#90
Benzo(a)pyrene
Concen: 47.208 ng
RT: 15.504 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:252 Resp: 505551
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.5 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 48.009 ng
RT: 17.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Instrument :

BNA_F

ClientSampleId :

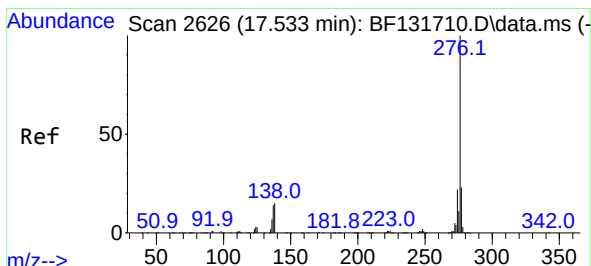
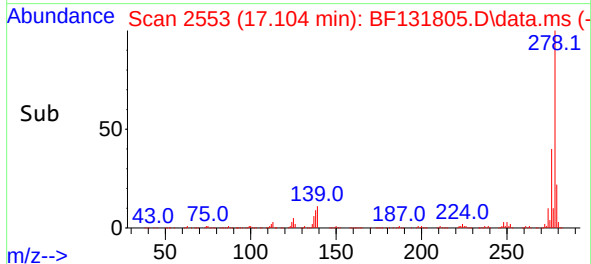
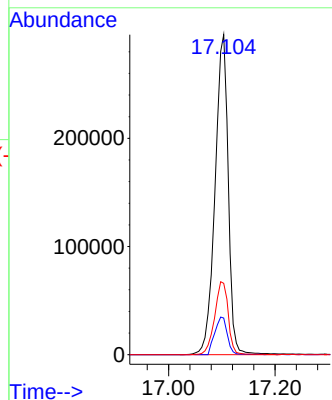
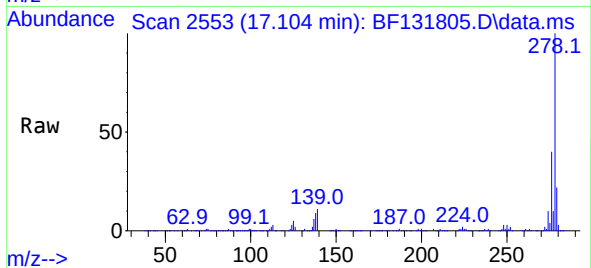
PB149846BS

Tgt Ion:278 Resp: 509244
Ion Ratio Lower Upper
278 100
139 11.4 8.7 13.1
279 22.3 18.7 28.1

Manual Integrations

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Reviewed By :Christian Giraldo 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022



#92
Benzo(g,h,i)perylene
Concen: 46.512 ng
RT: 17.545 min Scan# 2628
Delta R.T. -0.006 min
Lab File: BF131805.D
Acq: 23 Dec 2022 14:25

Tgt Ion:276 Resp: 487649
Ion Ratio Lower Upper
276 100
277 24.0 18.3 27.5
138 15.6 12.3 18.5

