

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131753.D
 Acq On : 21 Dec 2022 19:23
 Operator : CG\JU
 Sample : PB149691BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149691BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/22/2022
 Supervised By : Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:49:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	90332	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	344999	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	207481	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	399240	20.000	ng	0.00
76) Chrysene-d12	14.069	240	296258	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	204349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	759861	141.646	ng	0.02
7) Phenol-d6	6.504	99	981042	135.870	ng	0.00
23) Nitrobenzene-d5	7.440	82	683149	80.387	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	309704	136.376	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1185771	80.058	ng	0.00
79) Terphenyl-d14	13.004	244	1592607	83.782	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	96581	38.527	ng	99
3) Pyridine	3.446	79	248019	34.697	ng	97
4) n-Nitrosodimethylamine	3.422	42	140749	43.521	ng	99
6) Aniline	6.534	93	156824	17.593	ng	95
8) 2-Chlorophenol	6.651	128	260907	45.282	ng	98
9) Benzaldehyde	6.416	77	74738	14.855	ng	98
10) Phenol	6.522	94	359854	41.743	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	295879	47.962	ng	99
12) 1,3-Dichlorobenzene	6.804	146	283057	43.459	ng	99
13) 1,4-Dichlorobenzene	6.881	146	289478	43.481	ng	96
14) 1,2-Dichlorobenzene	7.034	146	276352	44.333	ng	99
15) Benzyl Alcohol	7.016	79	240567m	37.302	ng	
16) 2,2'-oxybis(1-Chloropr...	7.140	45	350241	44.525	ng	90
17) 2-Methylphenol	7.128	107	230346	42.348	ng	98
18) Hexachloroethane	7.381	117	118567	44.926	ng	94
19) n-Nitroso-di-n-propyla...	7.287	70	226367	43.470	ng	98
20) 3+4-Methylphenols	7.281	107	291861	41.691	ng	93
22) Acetophenone	7.281	105	424480	42.161	ng	94
24) Nitrobenzene	7.457	77	346212	40.073	ng	97
25) Isophorone	7.692	82	622423	43.127	ng	98
26) 2-Nitrophenol	7.775	139	140632	41.651	ng	97
27) 2,4-Dimethylphenol	7.810	122	236910	49.264	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	348716	45.501	ng	100
29) 2,4-Dichlorophenol	8.016	162	237457	40.902	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	279156	40.902	ng	98
31) Naphthalene	8.181	128	747703	39.684	ng	100
32) Benzoic acid	7.951	122	177471	46.103	ng	97
33) 4-Chloroaniline	8.228	127	72806	9.908	ng	97
34) Hexachlorobutadiene	8.292	225	184453	40.169	ng	100
35) Caprolactam	8.610	113	63882m	36.493	ng	
36) 4-Chloro-3-methylphenol	8.722	107	278998	42.069	ng	99
37) 2-Methylnaphthalene	8.875	142	515136	40.081	ng	100
38) 1-Methylnaphthalene	8.975	142	479146	38.493	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	292516	41.208	ng	98
41) Hexachlorocyclopentadiene	9.022	237	365976	113.797	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	179507	38.711	ng	98

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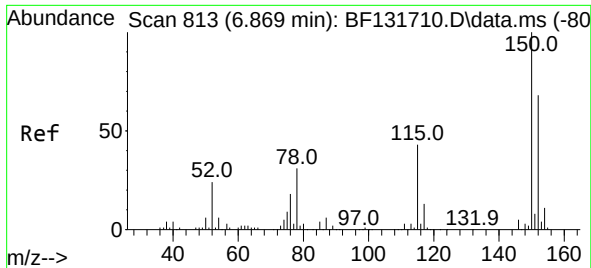
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	206589	41.154	ng	94
46) 1,1'-Biphenyl	9.339	154	641721	41.119	ng	99
47) 2-Chloronaphthalene	9.363	162	518495	40.573	ng	98
48) 2-Nitroaniline	9.469	65	184377	40.029	ng	100
49) Acenaphthylene	9.786	152	771303	40.240	ng	99
50) Dimethylphthalate	9.645	163	641087	41.064	ng	100
51) 2,6-Dinitrotoluene	9.710	165	138377	41.221	ng	99
52) Acenaphthene	9.957	154	471207	40.130	ng	100
53) 3-Nitroaniline	9.881	138	75126	21.872	ng	94
54) 2,4-Dinitrophenol	9.992	184	182510	90.736	ng	99
55) Dibenzofuran	10.128	168	711582	39.520	ng	98
56) 4-Nitrophenol	10.051	139	190020	77.294	ng	98
57) 2,4-Dinitrotoluene	10.116	165	190092	42.141	ng	96
58) Fluorene	10.475	166	584539	40.154	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	163237m	38.951	ng	
60) Diethylphthalate	10.351	149	617303	41.036	ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	318280	41.136	ng	98
62) 4-Nitroaniline	10.504	138	127176	36.789	ng	92
63) Azobenzene	10.622	77	664622	40.233	ng	95
65) 4,6-Dinitro-2-methylph...	10.528	198	117032	42.696	ng	86
66) n-Nitrosodiphenylamine	10.586	169	494985	39.980	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	194665	41.284	ng	95
68) Hexachlorobenzene	11.016	284	212500	40.976	ng	99
69) Atrazine	11.110	200	105211	25.493	ng	99
70) Pentachlorophenol	11.216	266	240599	87.412	ng	96
71) Phenanthrene	11.439	178	869062	39.920	ng	99
72) Anthracene	11.492	178	875257	41.061	ng	99
73) Carbazole	11.651	167	767680	41.627	ng	100
74) Di-n-butylphthalate	11.975	149	980098	42.681	ng	100
75) Fluoranthene	12.633	202	1013612	41.806	ng	99
77) Benzidine	12.757	184	33386	6.146	ng	98
78) Pyrene	12.863	202	1027927	38.163	ng	100
80) Butylbenzylphthalate	13.480	149	408574	43.008	ng	99
81) Benzo(a)anthracene	14.057	228	852128	39.937	ng	100
82) 3,3'-Dichlorobenzidine	14.016	252	161715	27.147	ng	99
83) Chrysene	14.092	228	797382	39.595	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	554526	48.951	ng	99
85) Di-n-octyl phthalate	14.657	149	843397	53.336	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	578291	42.132	ng	99
88) Benzo(b)fluoranthene	15.121	252	669679	46.321	ng	100
89) Benzo(k)fluoranthene	15.151	252	666465	47.242	ng	98
90) Benzo(a)pyrene	15.498	252	541622	47.296	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	497836	43.889	ng	99
92) Benzo(g,h,i)perylene	17.527	276	468705	41.806	ng	98

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

Manual Integrations APPROVED

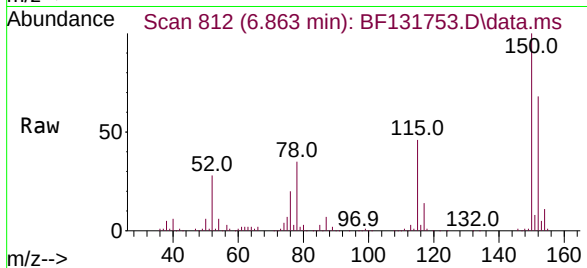
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

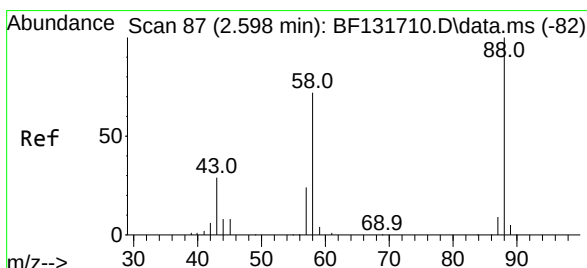
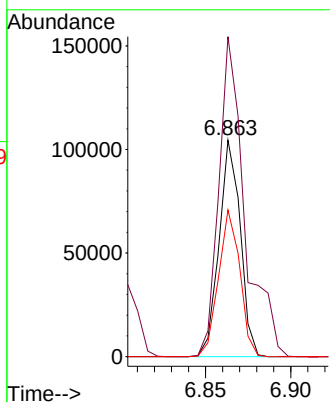
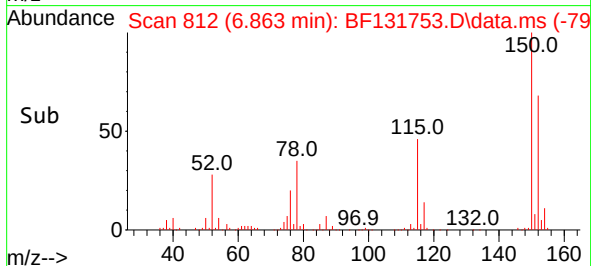
Instrument :
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Tgt Ion:152 Resp: 90332
Ion Ratio Lower Upper
152 100
150 147.8 117.4 176.0
115 67.8 50.2 75.4

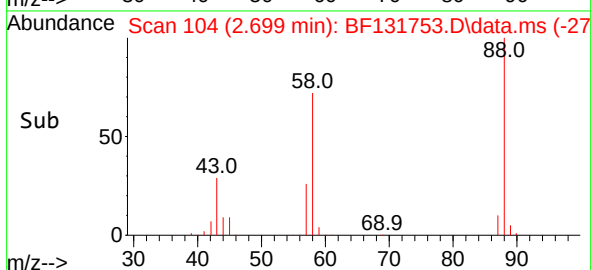
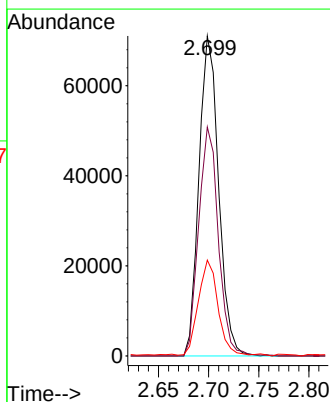
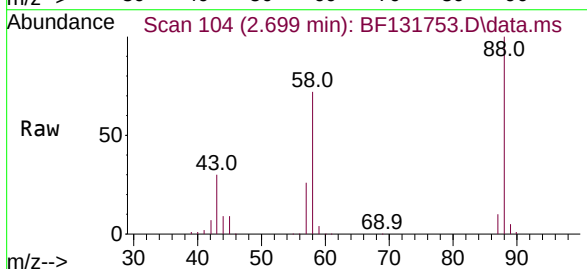
Manual Integrations
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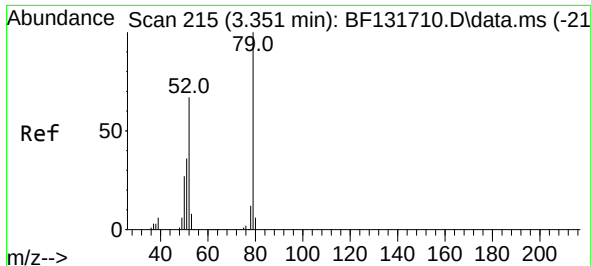
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#2
1,4-Dioxane
Concen: 38.527 ng
RT: 2.699 min Scan# 104
Delta R.T. 0.100 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

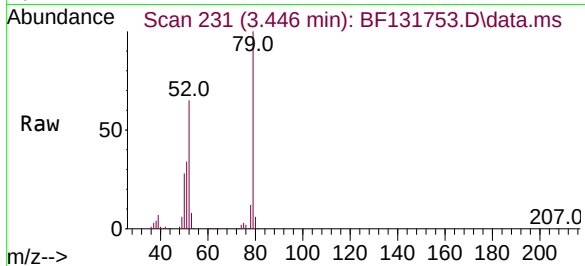
Tgt Ion: 88 Resp: 96581
Ion Ratio Lower Upper
88 100
58 71.6 57.5 86.3
43 30.5 23.3 34.9





#3
Pyridine
Concen: 34.697 ng
RT: 3.446 min Scan# 231
Delta R.T. 0.094 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

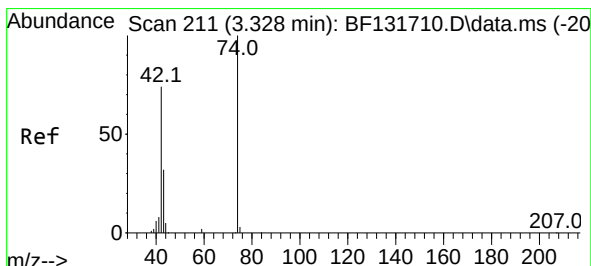
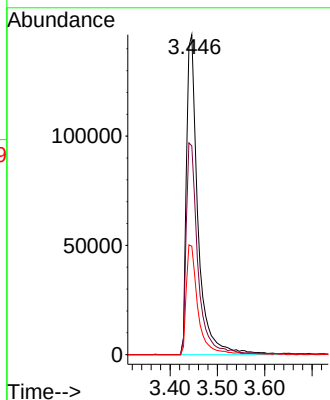
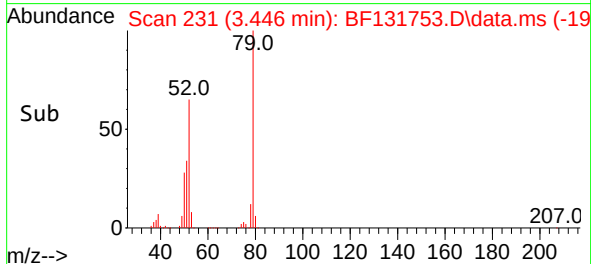
Instrument :
BNA_F
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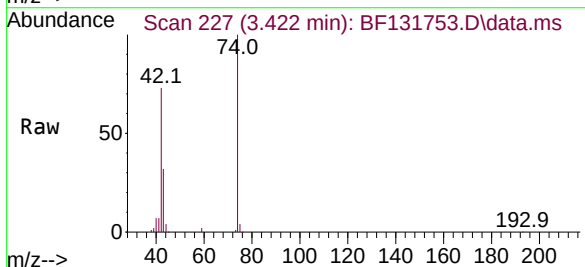
Tgt Ion: 79 Resp: 248019
Ion Ratio Lower Upper
79 100
52 65.2 53.7 80.5
51 33.9 28.6 42.8

Manual Integrations
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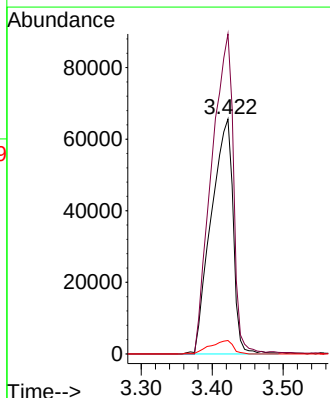
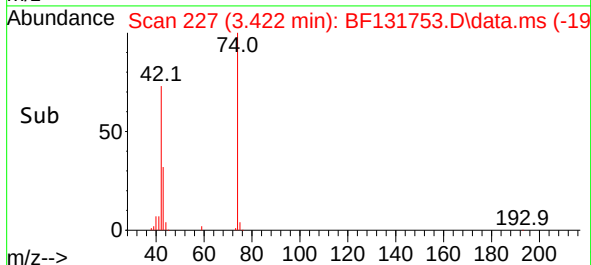
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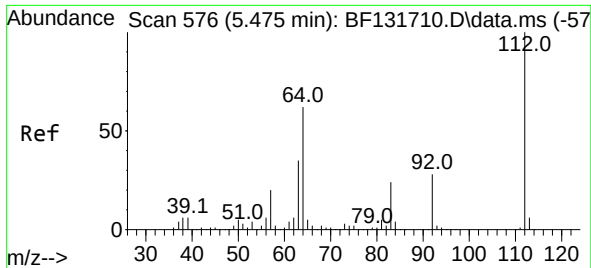


#4
n-Nitrosodimethylamine
Concen: 43.521 ng
RT: 3.422 min Scan# 227
Delta R.T. 0.094 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



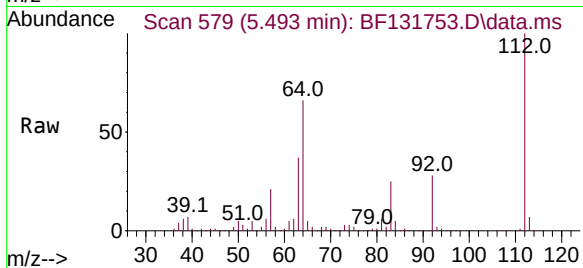
Tgt Ion: 42 Resp: 140749
Ion Ratio Lower Upper
42 100
74 136.3 107.8 161.8
44 5.7 5.5 8.3





#5
2-Fluorophenol
Concen: 141.646 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

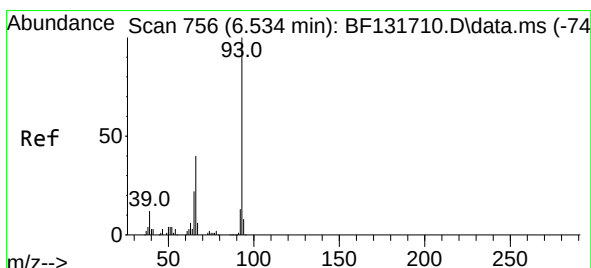
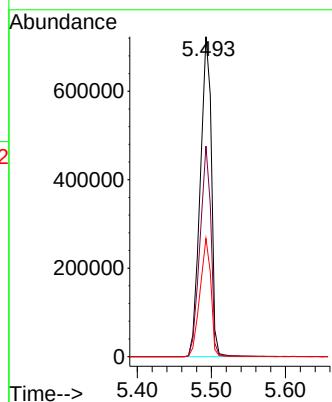
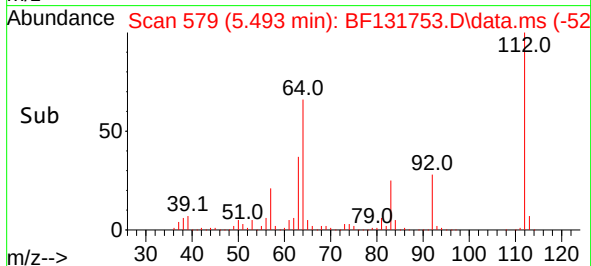
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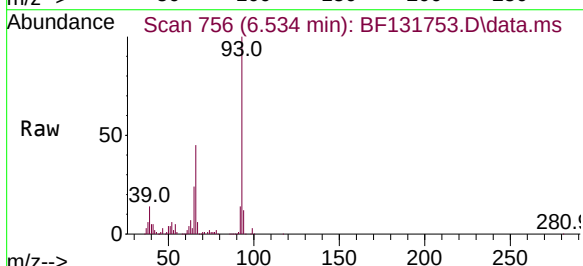
Tgt Ion:112 Resp: 75986
Ion Ratio Lower Upper
112 100
64 65.8 49.5 74.3
63 36.9 28.2 42.2

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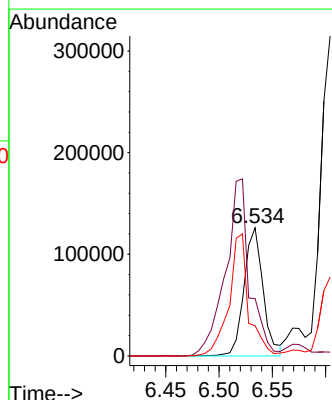
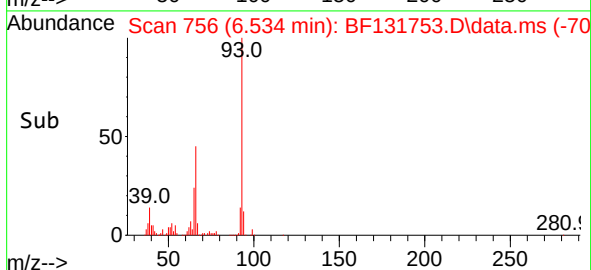
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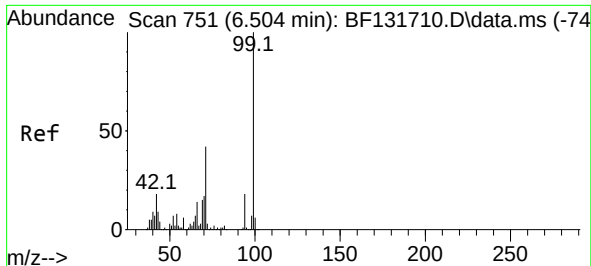


#6
Aniline
Concen: 17.593 ng
RT: 6.534 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



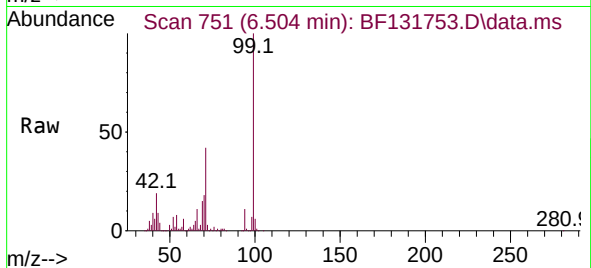
Tgt Ion: 93 Resp: 156824
Ion Ratio Lower Upper
93 100
66 44.8 32.8 49.2
65 23.5 17.4 26.2





#7
Phenol-d6
Concen: 135.870 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

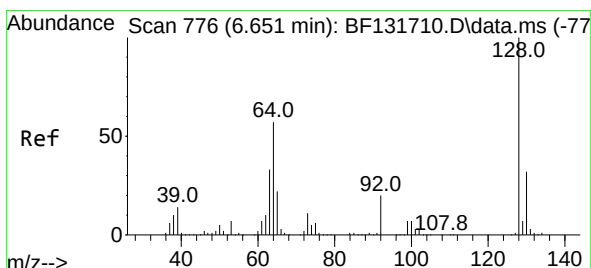
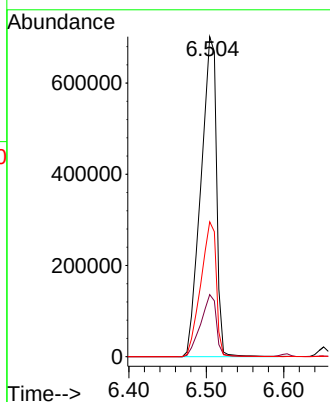
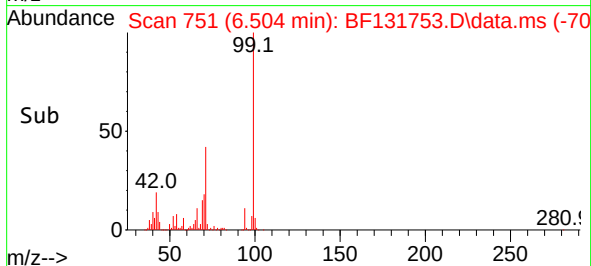
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Tgt Ion: 99 Resp: 981042
Ion Ratio Lower Upper
99 100
42 19.4 14.8 22.2
71 42.1 33.8 50.6

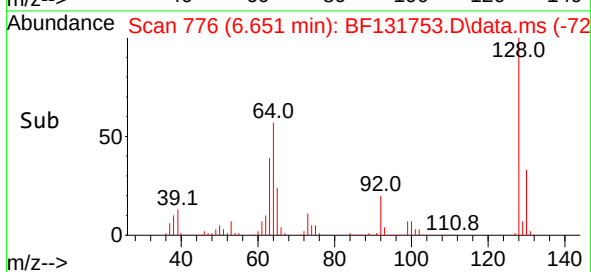
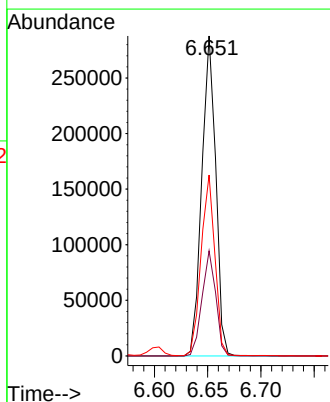
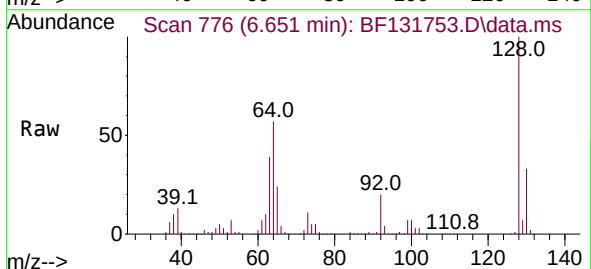
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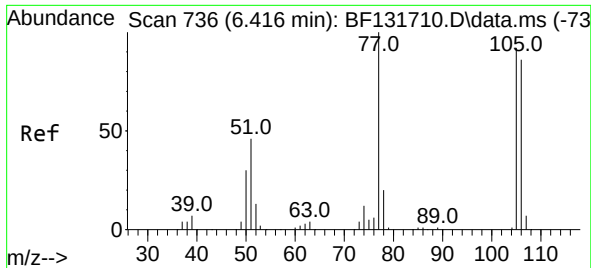
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#8
2-Chlorophenol
Concen: 45.282 ng
RT: 6.651 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion:128 Resp: 260907
Ion Ratio Lower Upper
128 100
130 32.8 12.0 52.0
64 56.5 37.7 77.7





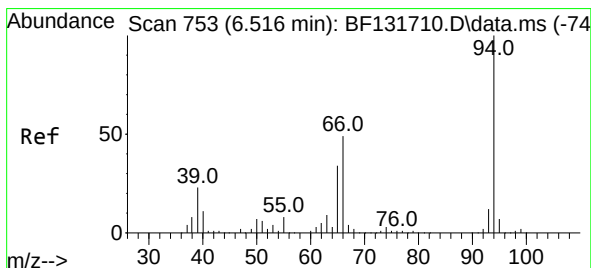
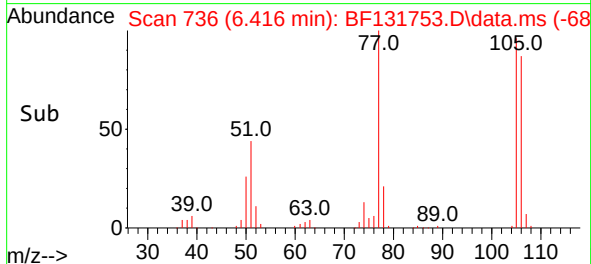
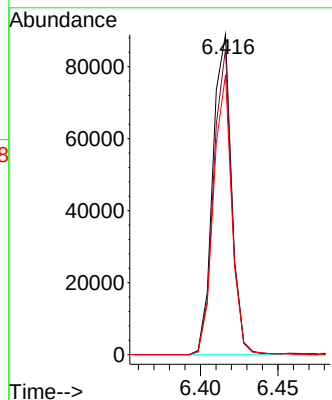
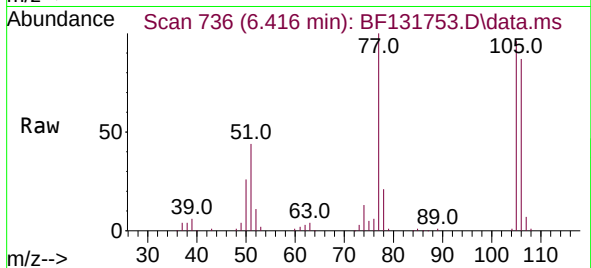
#9
Benzaldehyde
Concen: 14.855 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF131753.D
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Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion: 77 Resp: 74738
Ion Ratio Lower Upper
77 100
105 95.5 72.4 112.4
106 87.4 66.5 106.5

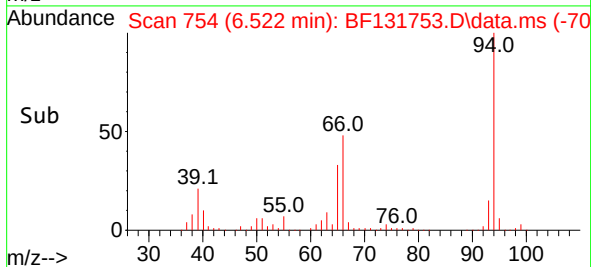
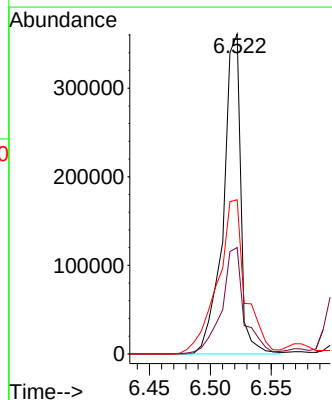
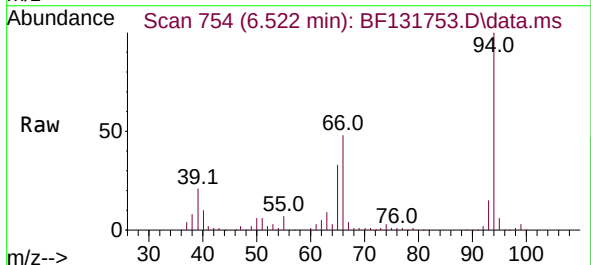
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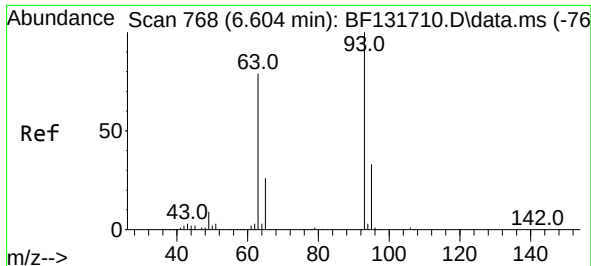
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#10
Phenol
Concen: 41.743 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion: 94 Resp: 359854
Ion Ratio Lower Upper
94 100
65 33.2 14.0 54.0
66 48.2 28.8 68.8





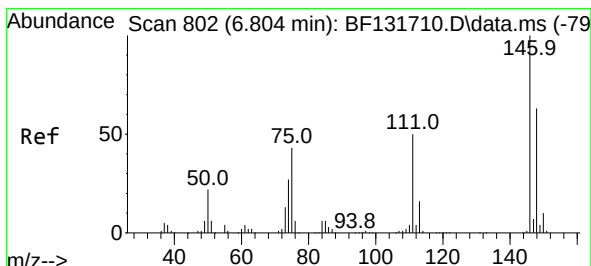
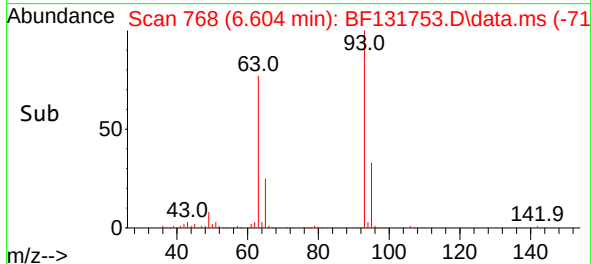
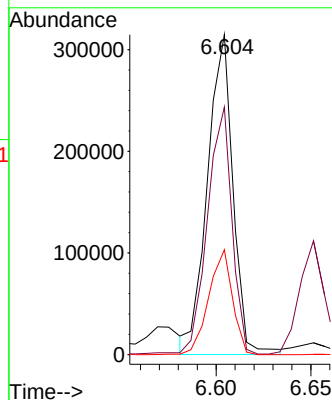
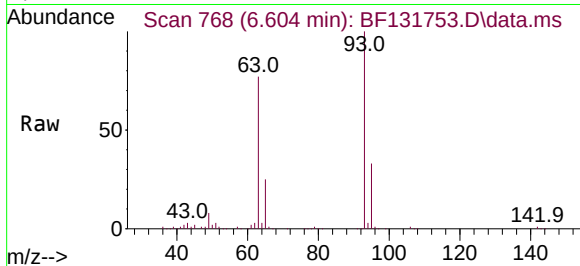
#11
bis(2-Chloroethyl)ether
Concen: 47.962 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion: 93 Resp: 295879
Ion Ratio Lower Upper
93 100
63 77.4 59.0 99.0
95 32.8 12.6 52.6

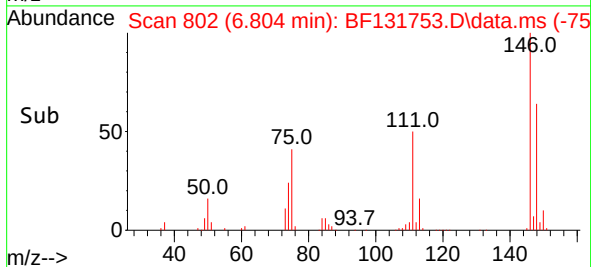
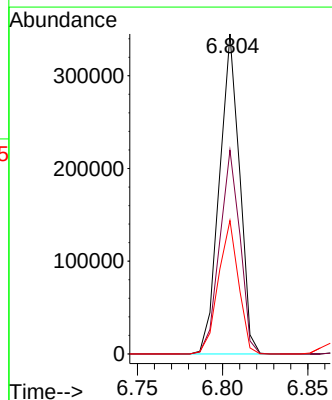
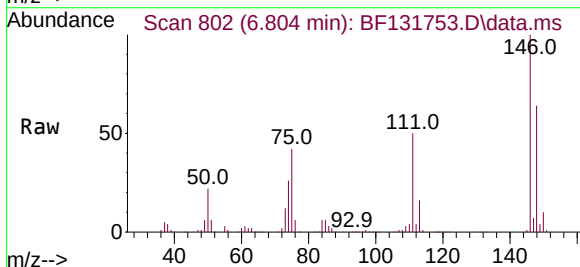
Manual Integrations
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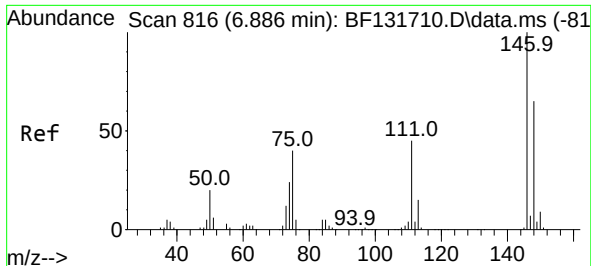
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#12
1,3-Dichlorobenzene
Concen: 43.459 ng
RT: 6.804 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

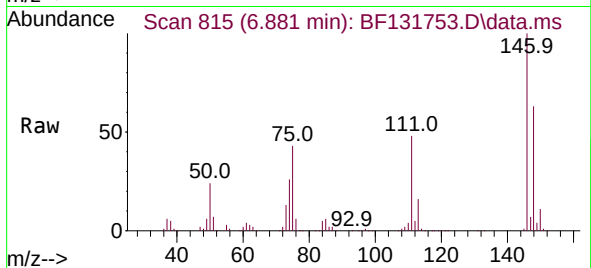
Tgt Ion:146 Resp: 283057
Ion Ratio Lower Upper
146 100
148 63.7 50.6 76.0
75 41.7 34.3 51.5





#13
1,4-Dichlorobenzene
Concen: 43.481 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

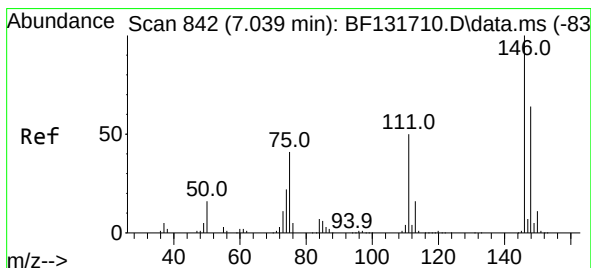
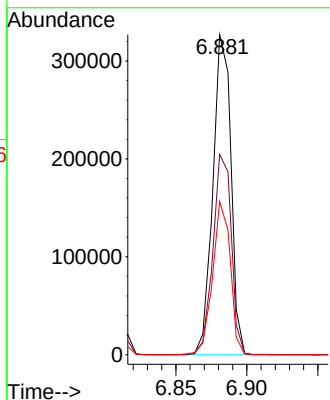
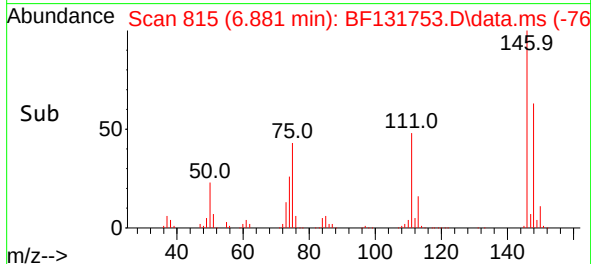
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



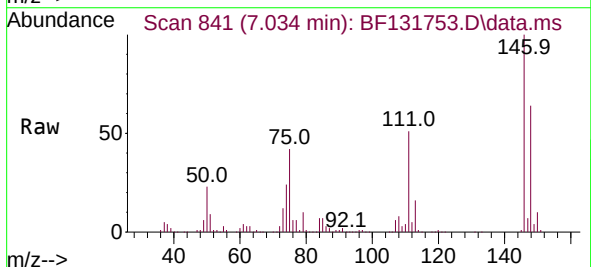
Tgt Ion:146 Resp: 289478
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.4
111 47.9 36.4 54.6

Manual Integrations
APPROVED

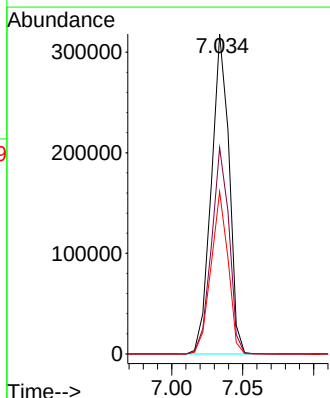
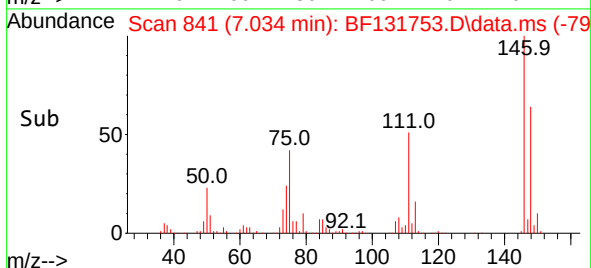
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

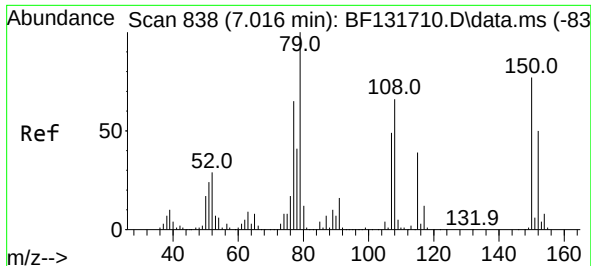


#14
1,2-Dichlorobenzene
Concen: 44.333 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:146 Resp: 276352
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
111 50.7 39.8 59.6





#15

Benzyl Alcohol

Concen: 37.302 ng m

RT: 7.016 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

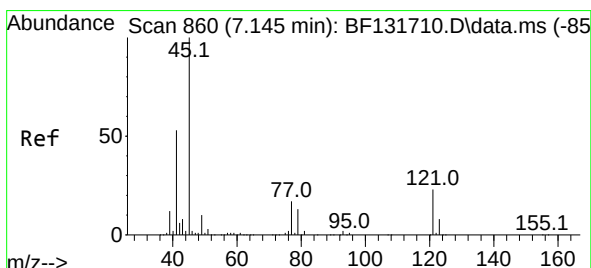
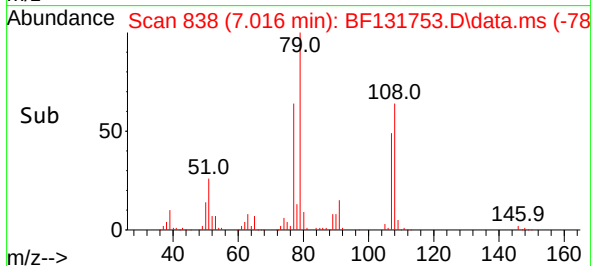
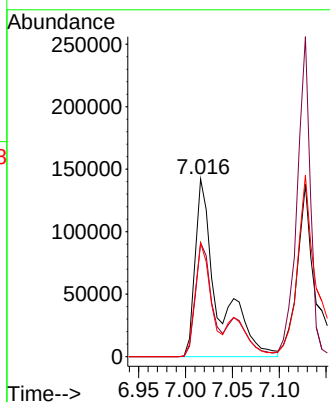
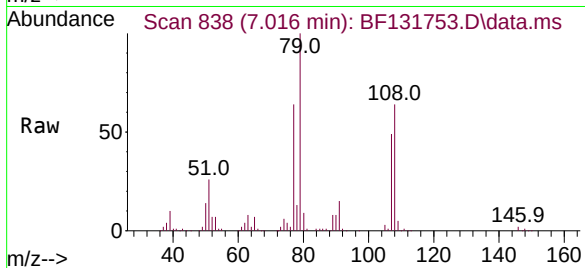
ClientSampleId :

PB149691BSD

Tgt Ion: 79 Resp: 240562
 Ion Ratio Lower Upper
 79 100
 108 64.0 52.6 78.8
 77 64.0 51.7 77.5

Manual Integrations
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Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.525 ng

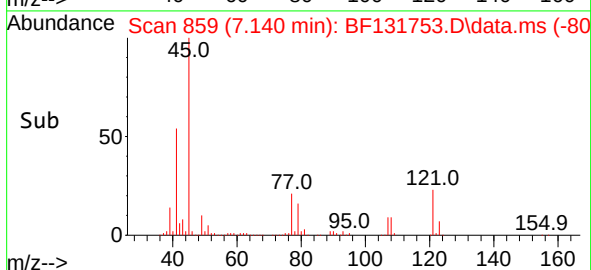
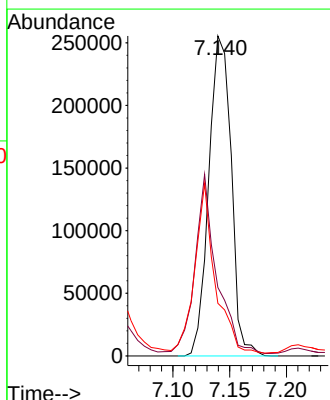
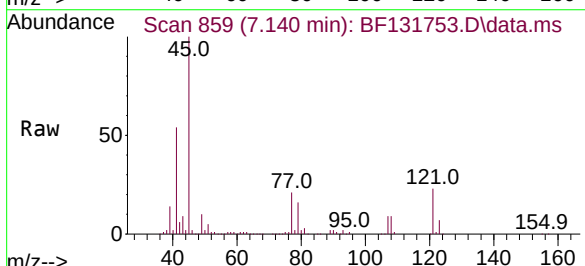
RT: 7.140 min Scan# 859

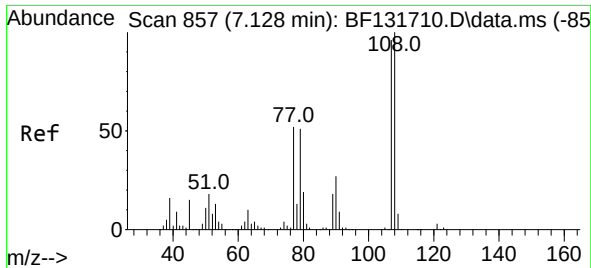
Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

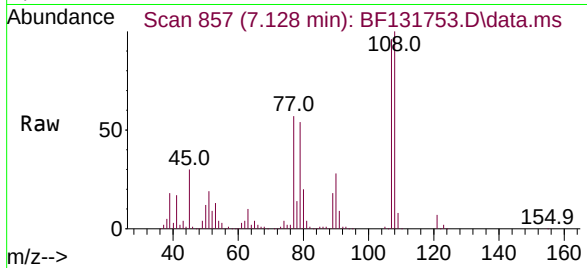
Tgt Ion: 45 Resp: 350241
 Ion Ratio Lower Upper
 45 100
 77 21.4 0.0 36.8
 79 16.4 0.0 33.1





#17
2-Methylphenol
Concen: 42.348 ng
RT: 7.128 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

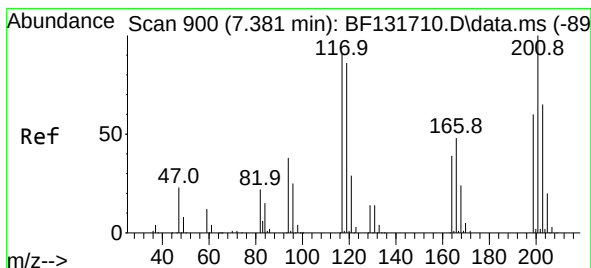
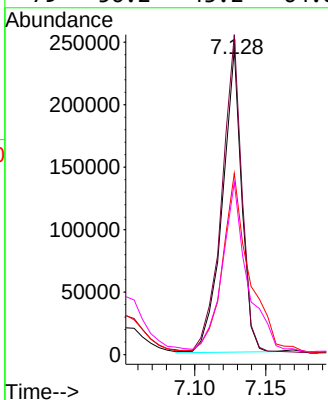
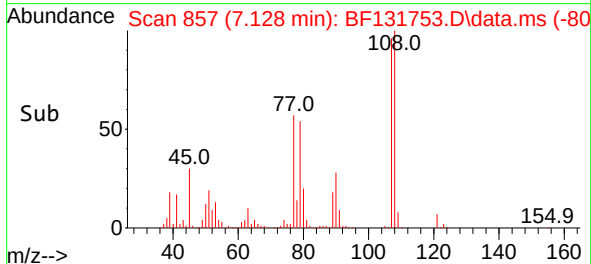
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



Tgt Ion:107 Resp: 230346
Ion Ratio Lower Upper
107 100
108 104.6 83.8 125.6
77 59.2 43.8 65.8
79 56.2 43.2 64.8

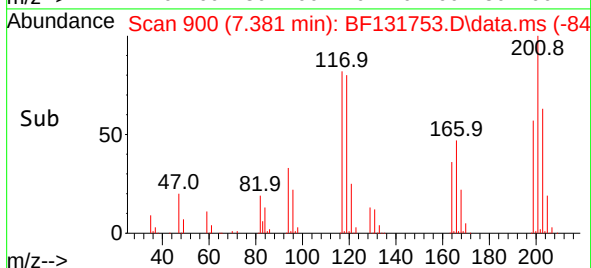
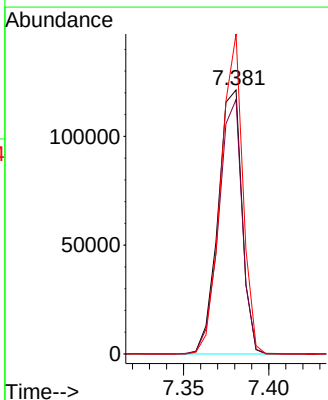
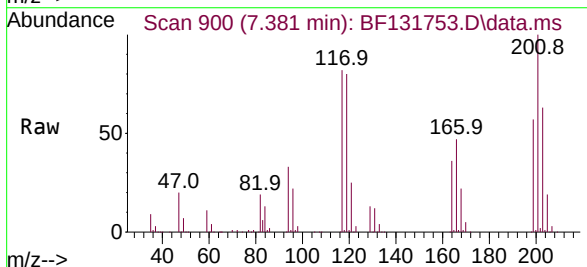
Manual Integrations
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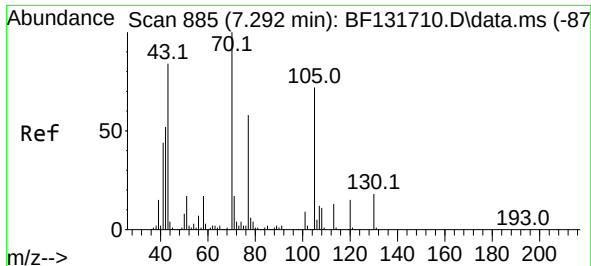
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#18
Hexachloroethane
Concen: 44.926 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

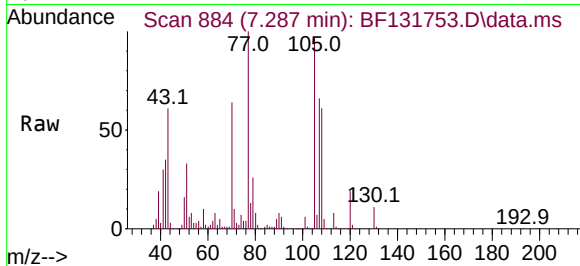
Tgt Ion:117 Resp: 118567
Ion Ratio Lower Upper
117 100
119 96.4 75.8 113.8
201 121.2 88.2 132.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.470 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

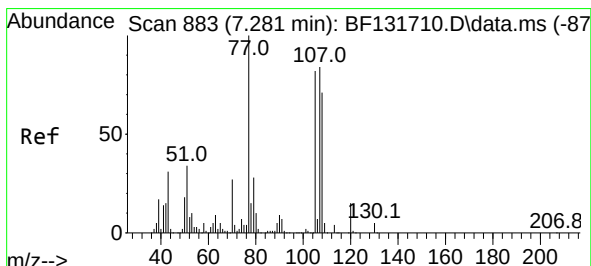
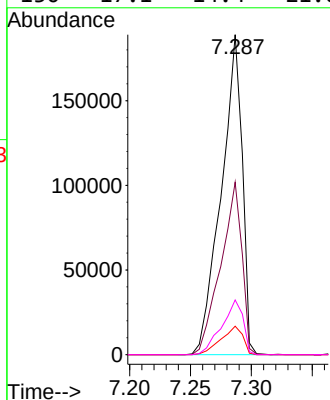
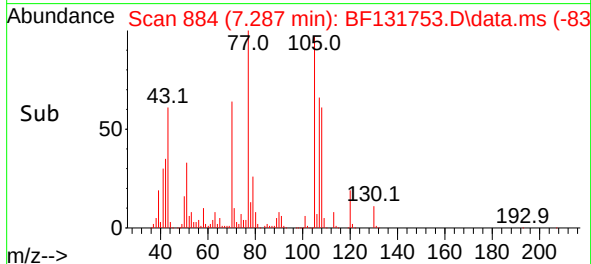
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



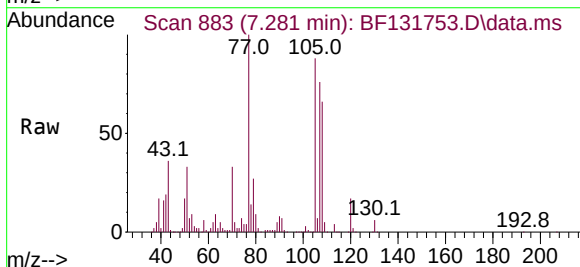
Tgt Ion: 70 Resp: 226362
Ion Ratio Lower Upper
70 100
42 53.9 41.5 62.3
101 8.9 7.3 10.9
130 17.1 14.4 21.6

Manual Integrations
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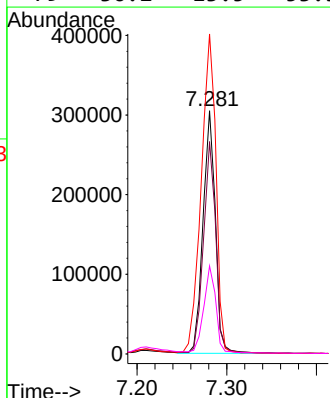
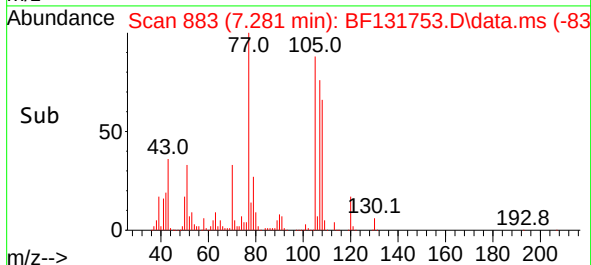
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

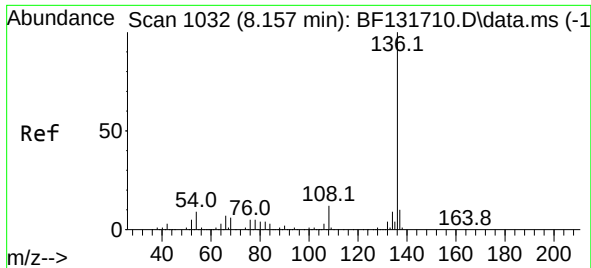


#20
3+4-Methylphenols
Concen: 41.691 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



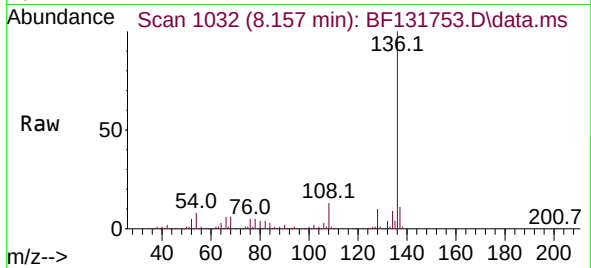
Tgt Ion:107 Resp: 291861
Ion Ratio Lower Upper
107 100
108 87.3 65.2 105.2
77 131.6 99.6 139.6
79 36.2 13.5 53.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

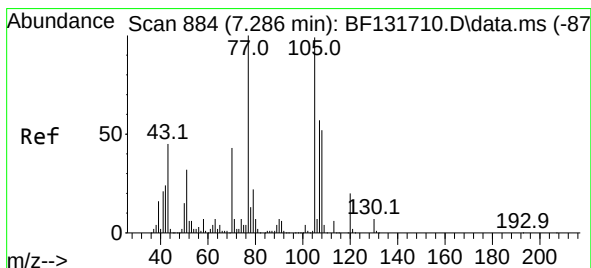
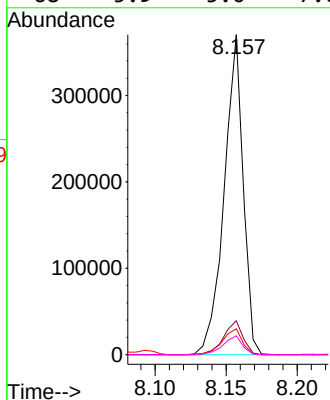
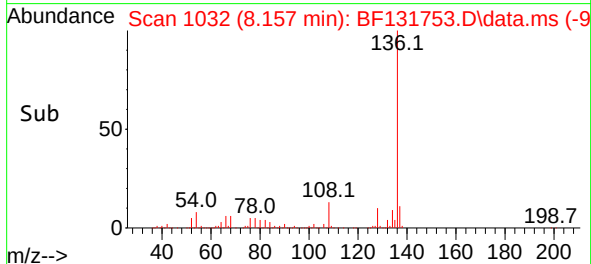
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



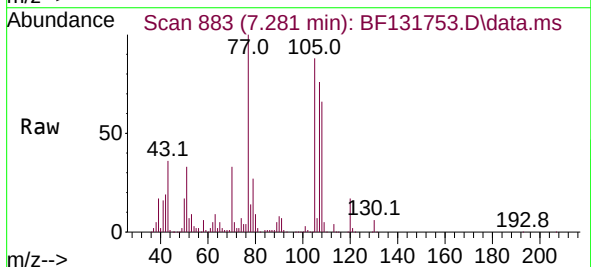
Tgt Ion:136 Resp: 344999
Ion Ratio Lower Upper
136 100
137 10.6 8.4 12.6
54 8.1 7.2 10.8
68 5.9 5.0 7.6

Manual Integrations
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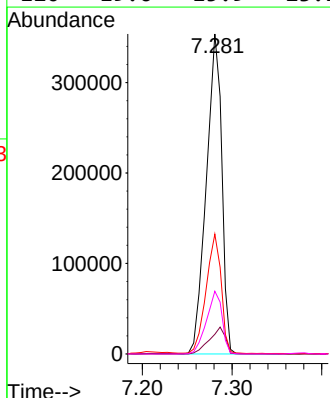
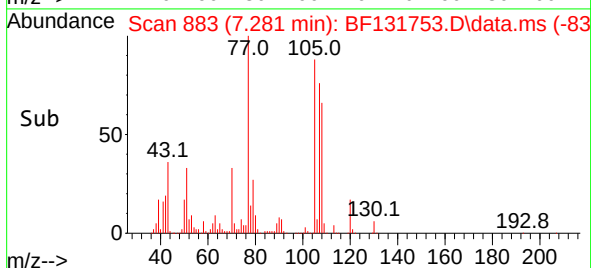
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

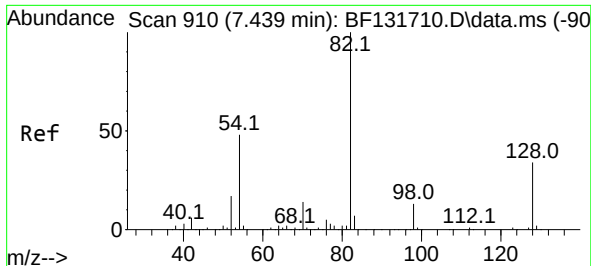


#22
Acetophenone
Concen: 42.161 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:105 Resp: 424480
Ion Ratio Lower Upper
105 100
71 6.1 5.5 8.3
51 37.4 25.5 38.3
120 19.6 15.9 23.9





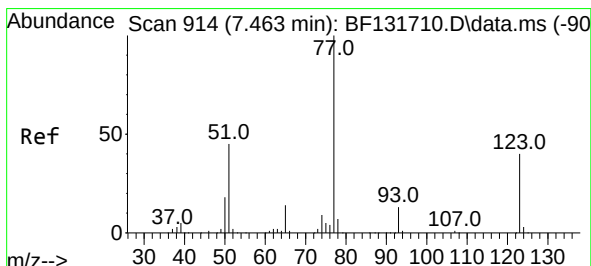
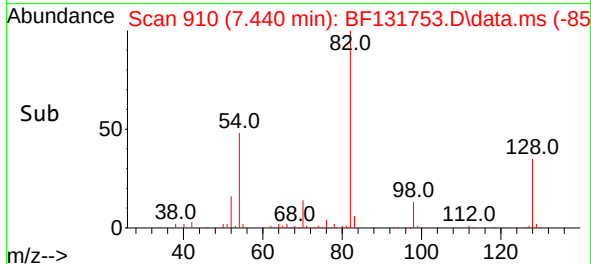
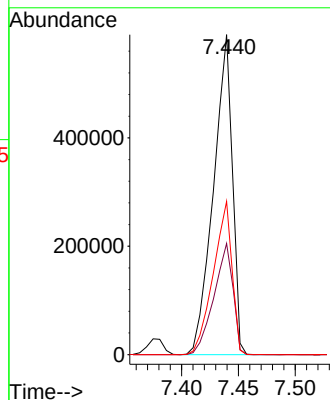
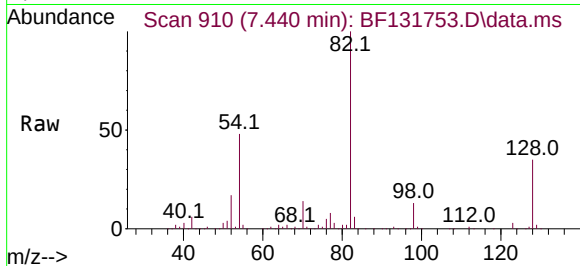
#23
Nitrobenzene-d5
Concen: 80.387 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion: 82 Resp: 683149
Ion Ratio Lower Upper
82 100
128 34.7 27.3 40.9
54 47.9 38.2 57.2

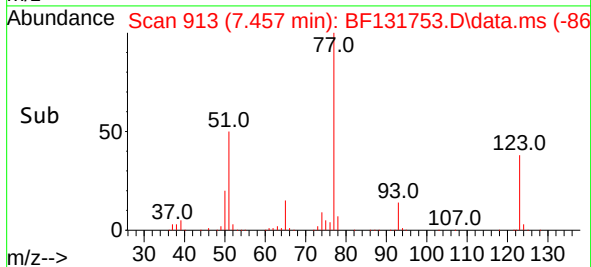
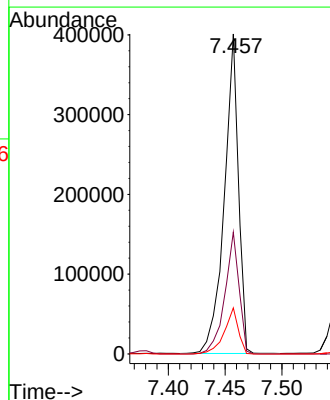
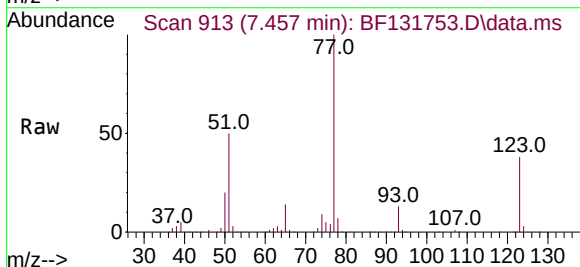
Manual Integrations
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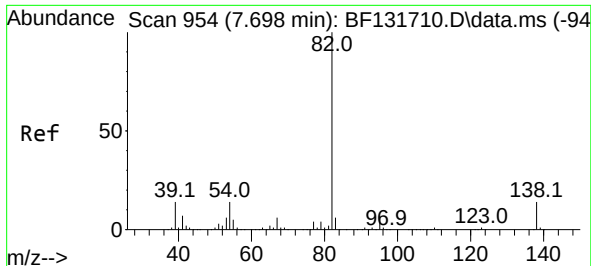
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#24
Nitrobenzene
Concen: 40.073 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion: 77 Resp: 346212
Ion Ratio Lower Upper
77 100
123 38.0 31.8 47.6
65 14.4 10.9 16.3





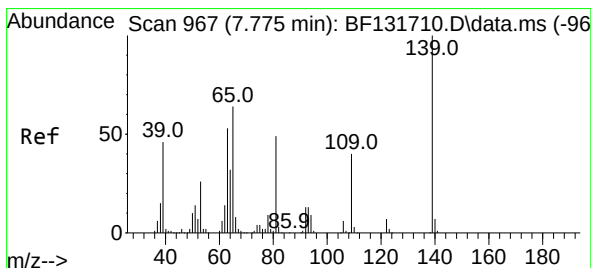
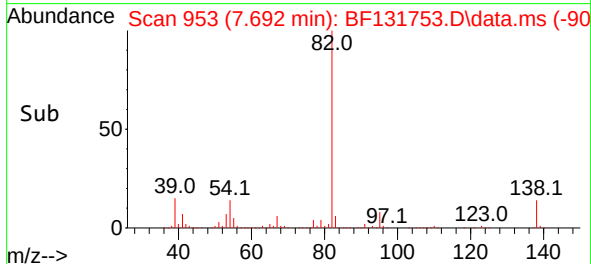
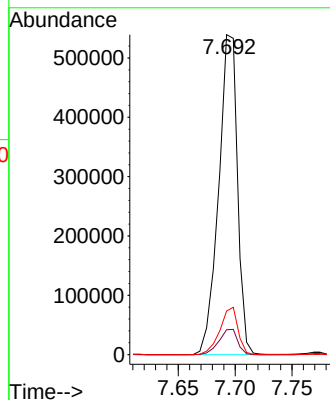
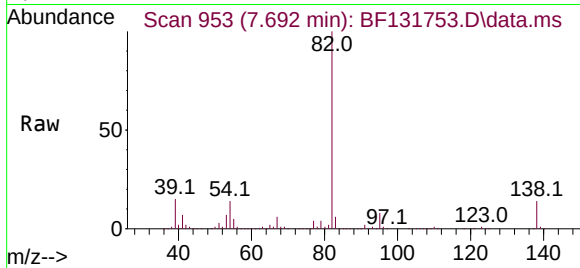
#25
Isophorone
Concen: 43.127 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion: 82 Resp: 622423
Ion Ratio Lower Upper
82 100
95 7.8 5.8 8.6
138 13.6 11.6 17.4

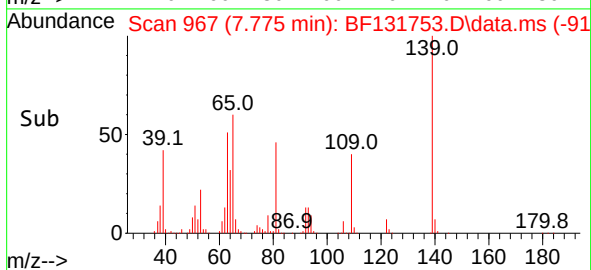
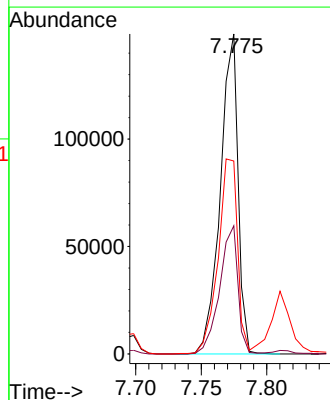
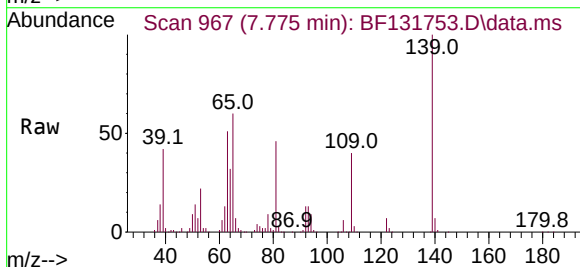
Manual Integrations
APPROVED

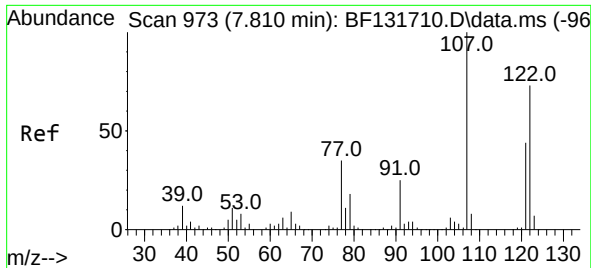
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#26
2-Nitrophenol
Concen: 41.651 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion:139 Resp: 140632
Ion Ratio Lower Upper
139 100
109 40.0 31.8 47.6
65 60.3 51.4 77.0





#27

2,4-Dimethylphenol

Concen: 49.264 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131753.D

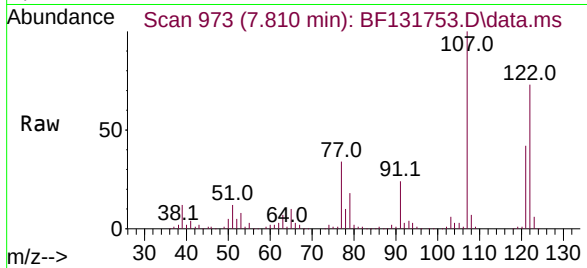
Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD



Tgt Ion:122 Resp: 236910

Ion Ratio Lower Upper

122 100

107 137.6 110.1 165.1

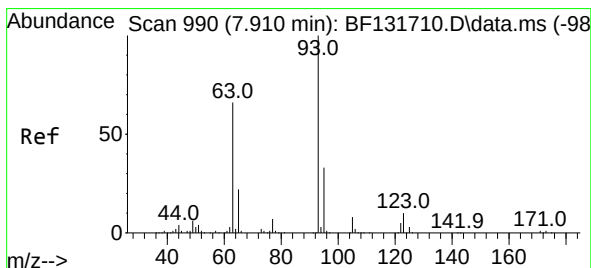
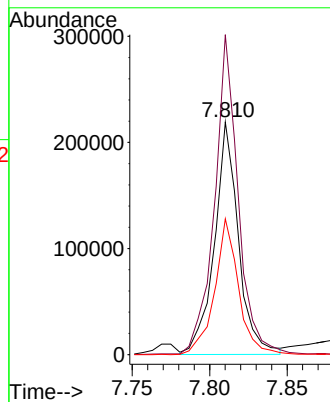
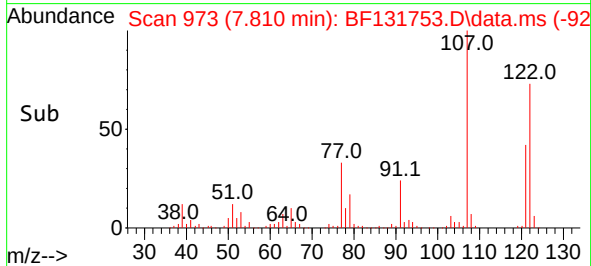
121 58.4 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.501 ng

RT: 7.904 min Scan# 989

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

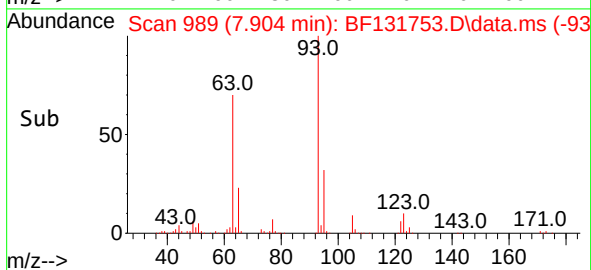
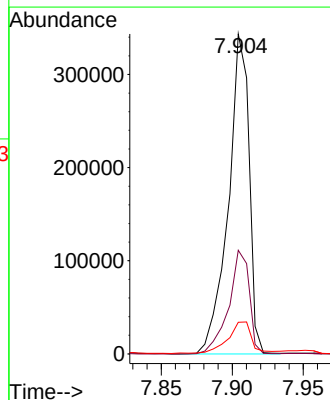
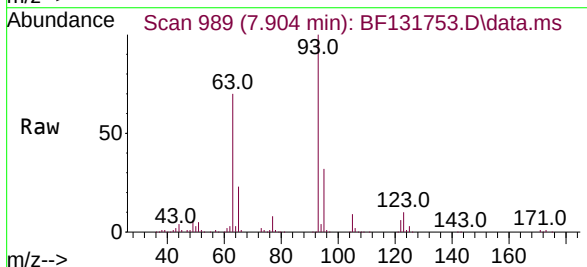
Tgt Ion: 93 Resp: 348716

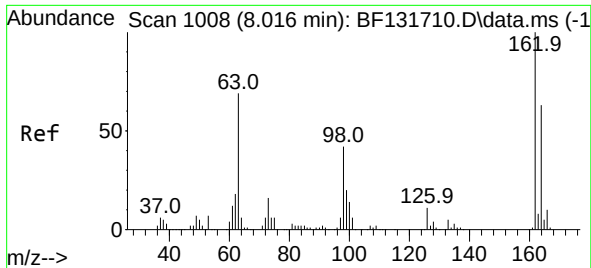
Ion Ratio Lower Upper

93 100

95 32.4 26.0 39.0

123 9.9 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 40.902 ng

RT: 8.016 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF131753.D

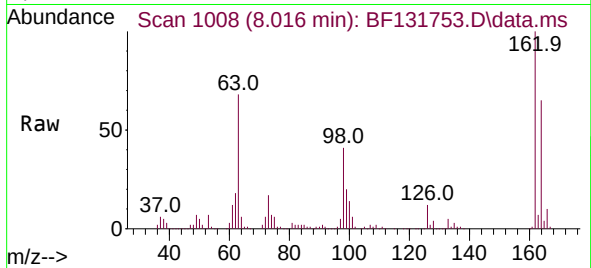
Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

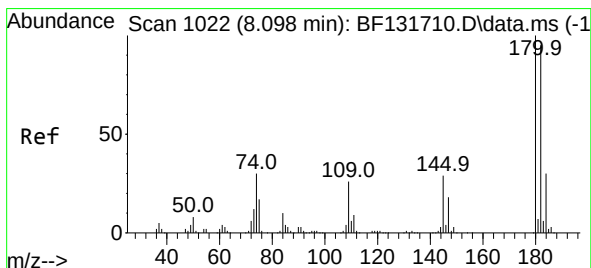
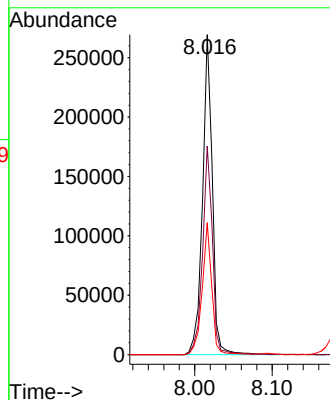
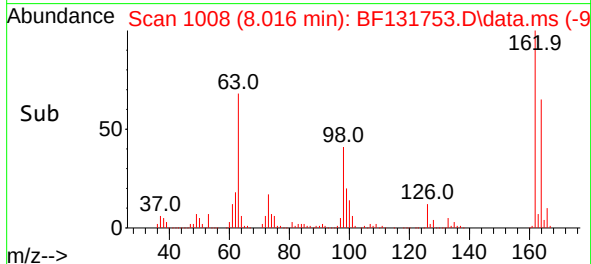


Tgt Ion:	162	Resp:	237452
Ion Ratio	Lower	Upper	
162	100		
164	65.2	42.9	82.9
98	41.2	21.9	61.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.902 ng

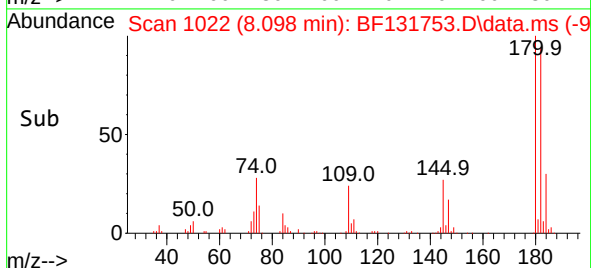
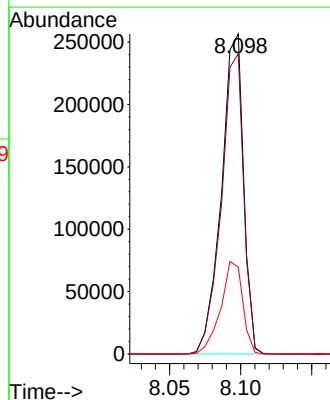
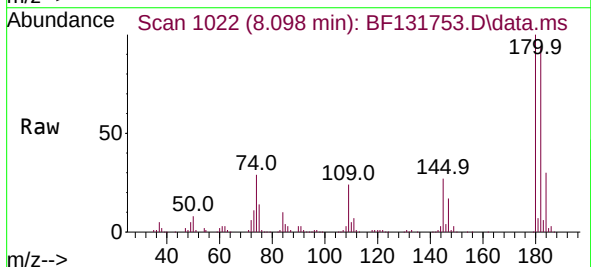
RT: 8.098 min Scan# 1022

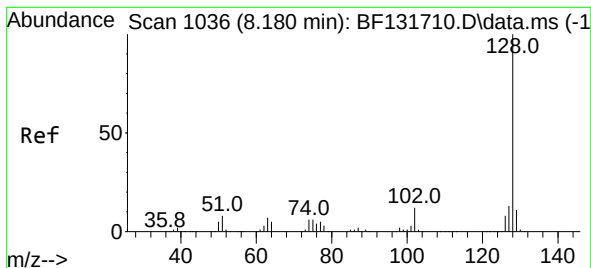
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:	180	Resp:	279156
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.1	114.1
145	27.1	23.4	35.0





#31

Naphthalene

Concen: 39.684 ng

RT: 8.181 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

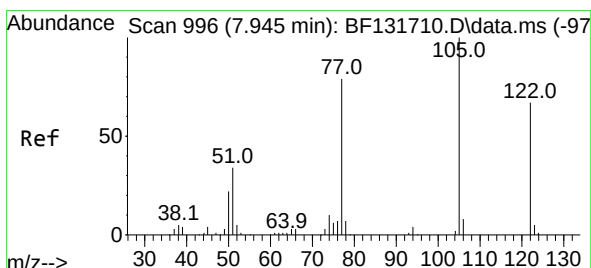
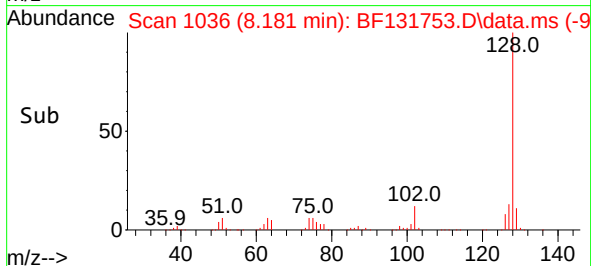
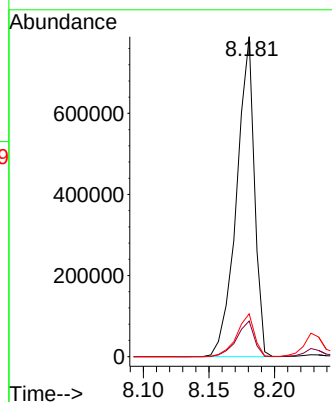
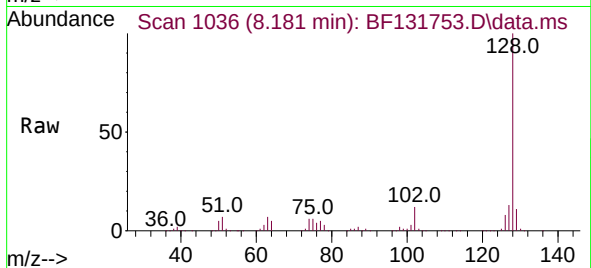
PB149691BSD

Tgt Ion:128 Resp: 747703
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.9 13.3
 127 13.4 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#32

Benzoic acid

Concen: 46.103 ng

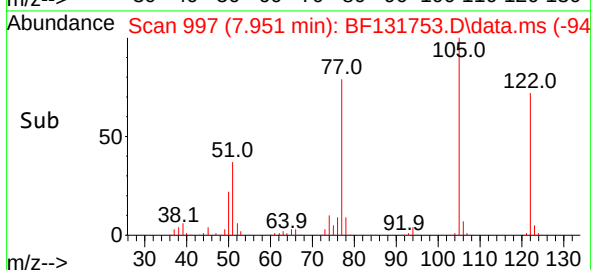
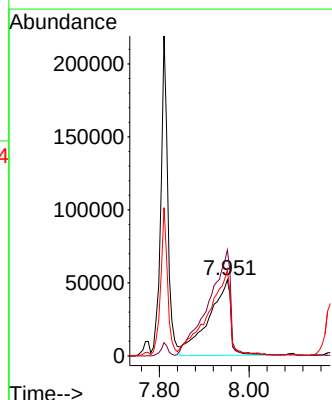
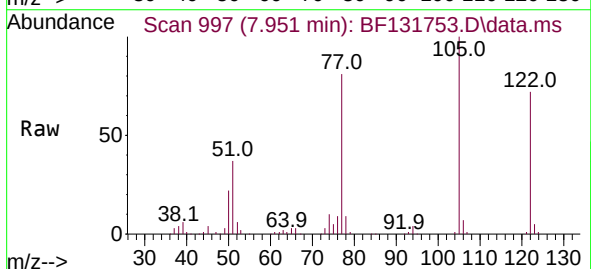
RT: 7.951 min Scan# 997

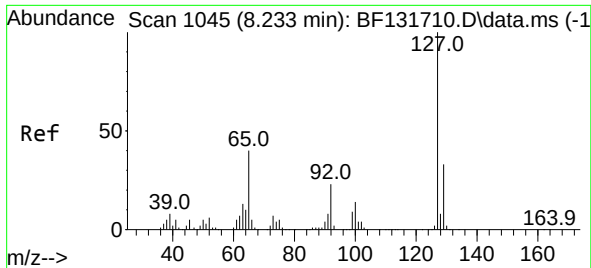
Delta R.T. 0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:122 Resp: 177471
 Ion Ratio Lower Upper
 122 100
 105 139.5 125.1 165.1
 77 113.2 95.3 135.3





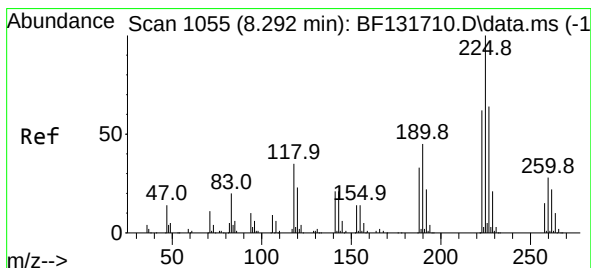
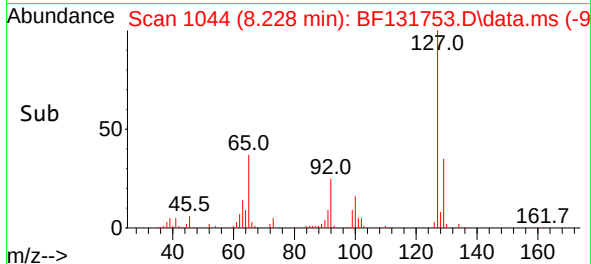
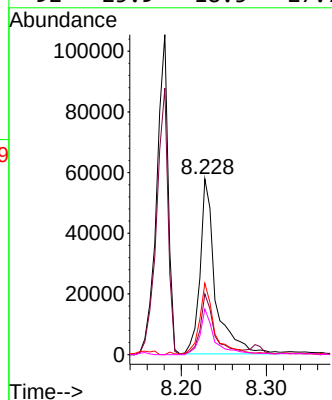
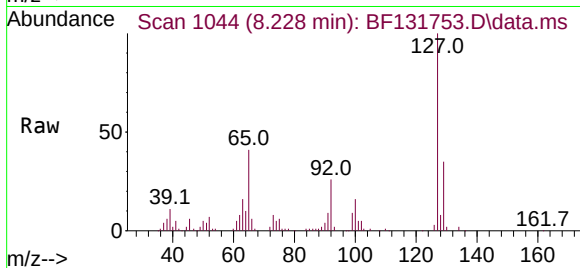
#33
4-Chloroaniline
Concen: 9.908 ng
RT: 8.228 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion:	127	Resp:	72800
Ion Ratio	Lower	Upper	
127	100		
129	34.6	26.1	39.1
65	40.6	31.8	47.6
92	25.9	18.5	27.7

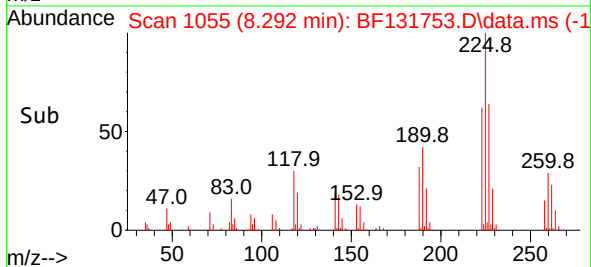
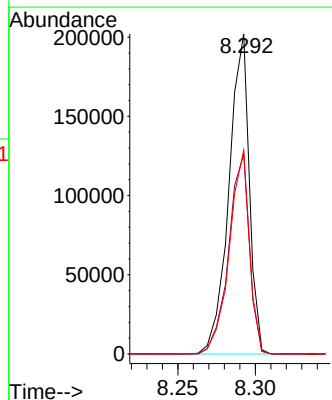
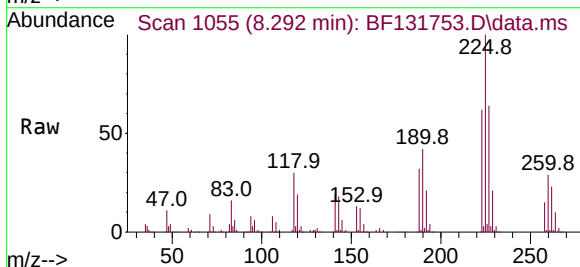
Manual Integrations
APPROVED

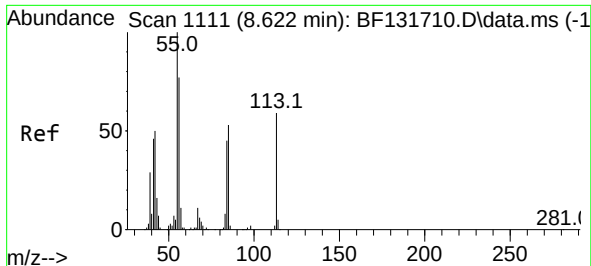
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#34
Hexachlorobutadiene
Concen: 40.169 ng
RT: 8.292 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

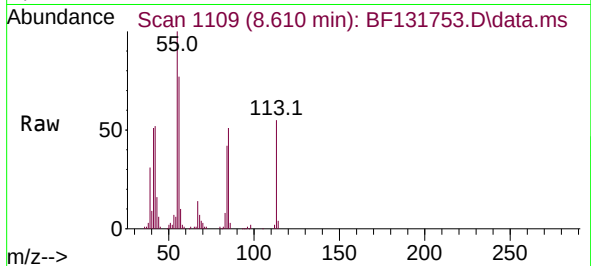
Tgt Ion:	225	Resp:	184453
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.5	74.3
227	63.7	51.0	76.4





#35
Caprolactam
Concen: 36.493 ng m
RT: 8.610 min Scan# 1111
Delta R.T. -0.012 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

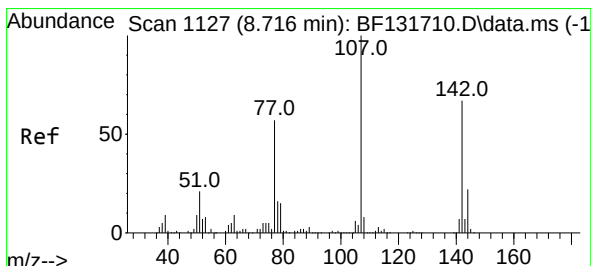
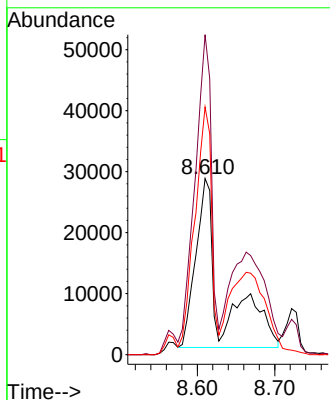
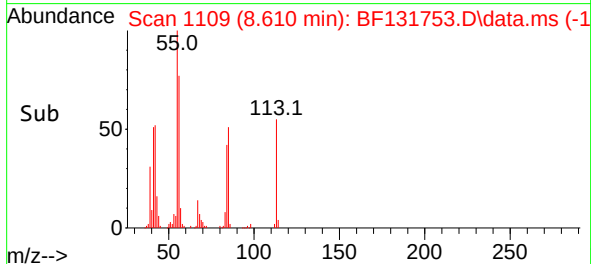
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



Tgt Ion:113 Resp: 63882
Ion Ratio Lower Upper
113 100
55 181.7 149.0 189.0
56 140.6 109.5 149.5

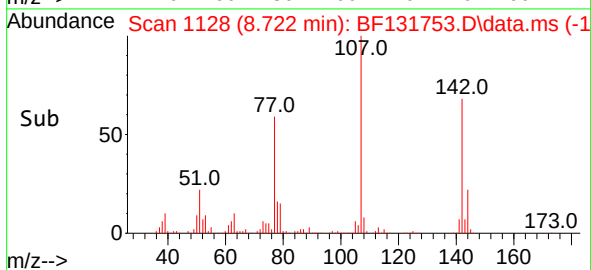
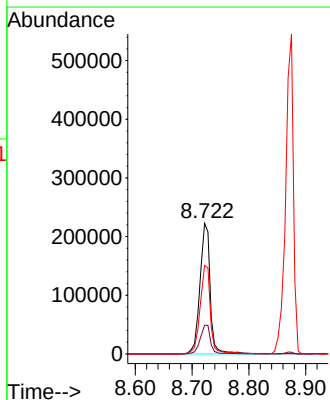
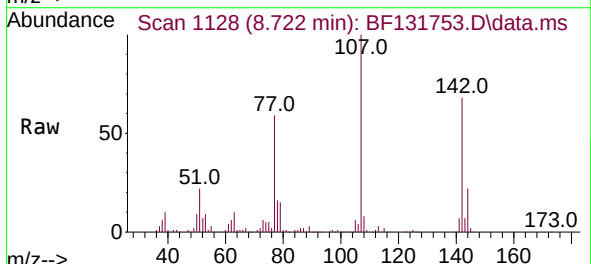
Manual Integrations
APPROVED

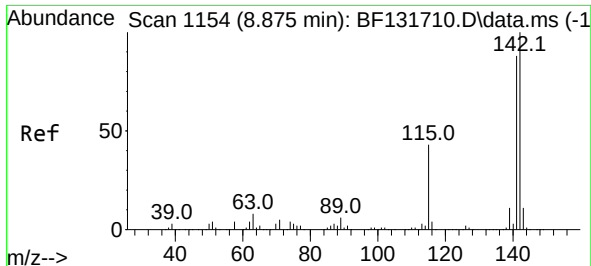
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#36
4-Chloro-3-methylphenol
Concen: 42.069 ng
RT: 8.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion:107 Resp: 278998
Ion Ratio Lower Upper
107 100
144 21.8 17.5 26.3
142 67.7 53.4 80.0





#37

2-Methylnaphthalene

Concen: 40.081 ng

RT: 8.875 min Scan# 1154

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

Tgt Ion:142 Resp: 515136

Ion Ratio Lower Upper

142 100

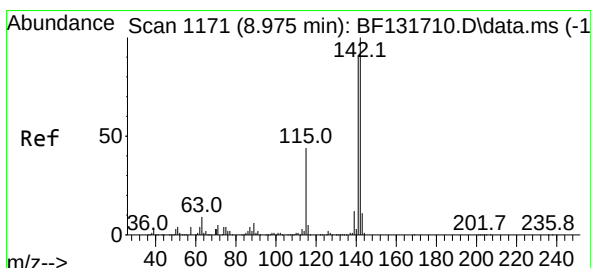
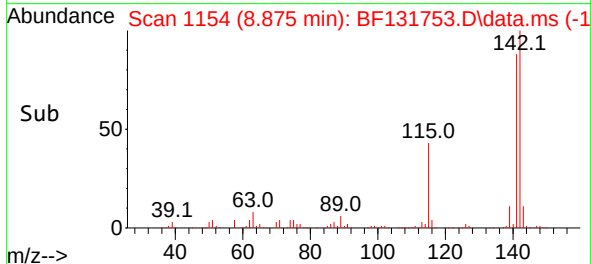
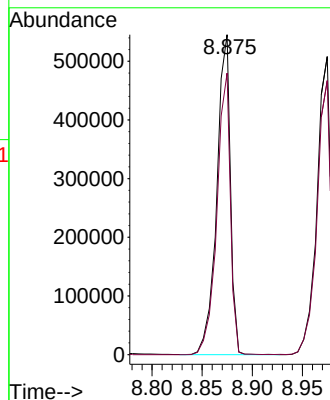
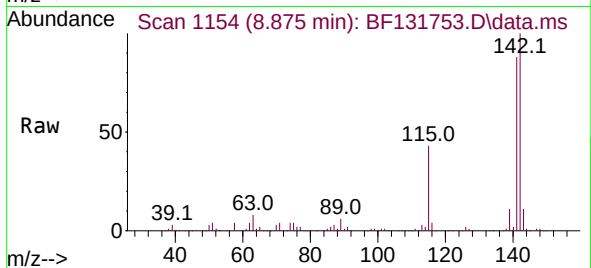
141 88.0 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#38

1-Methylnaphthalene

Concen: 38.493 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF131753.D

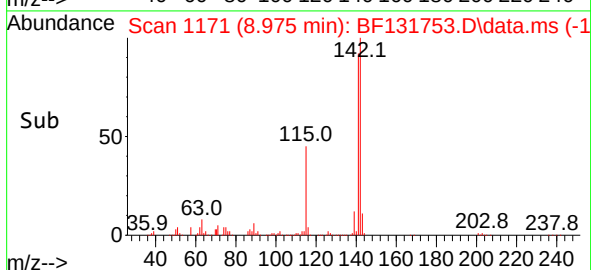
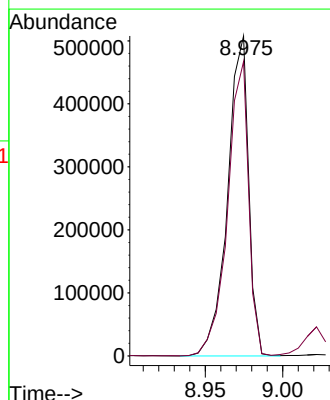
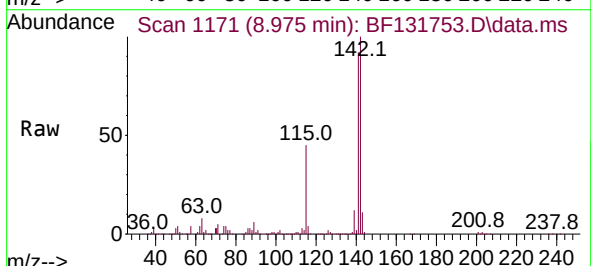
Acq: 21 Dec 2022 19:23

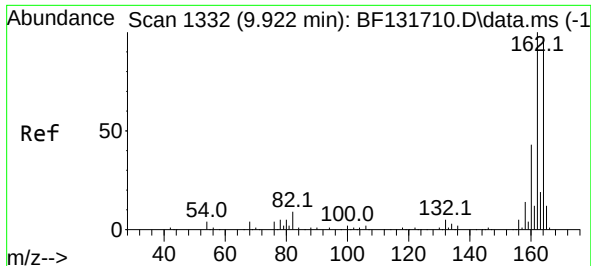
Tgt Ion:142 Resp: 479146

Ion Ratio Lower Upper

142 100

141 92.0 73.0 109.6





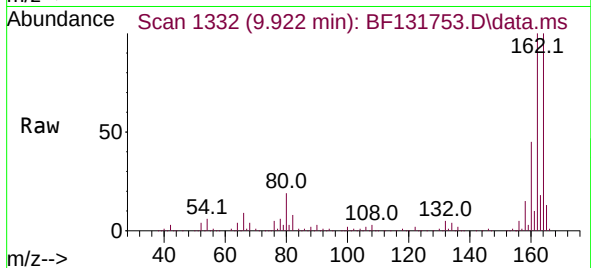
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

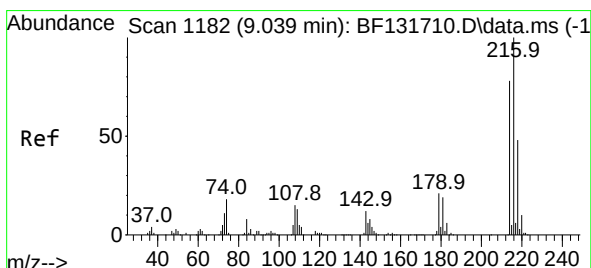
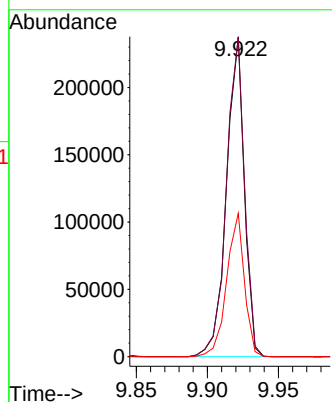
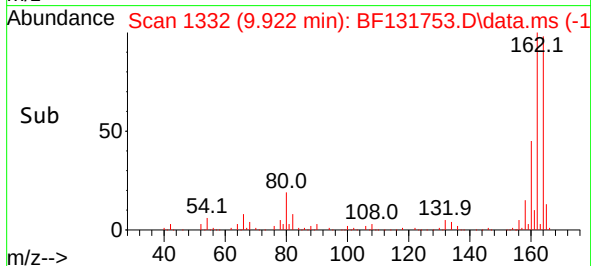


Tgt Ion:164 Resp: 207481
Ion Ratio Lower Upper
164 100
162 100.3 83.7 125.5
160 44.9 36.2 54.4

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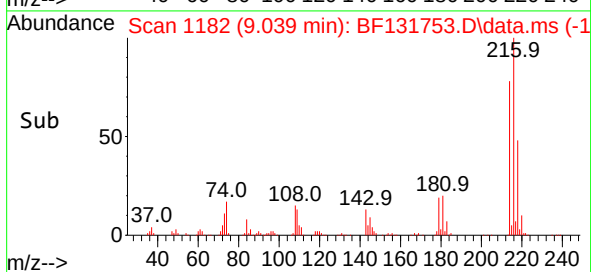
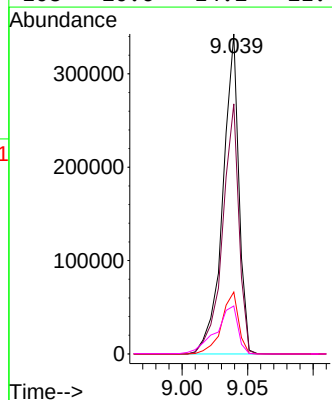
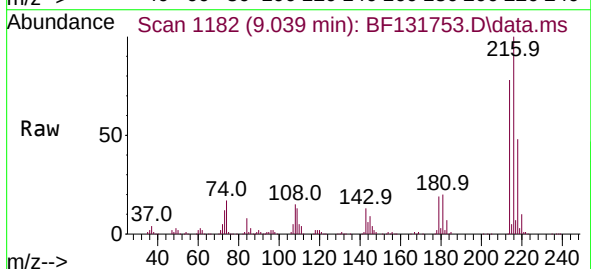
APPROVED

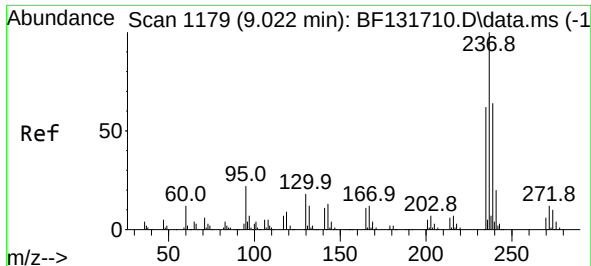
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.208 ng
RT: 9.039 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

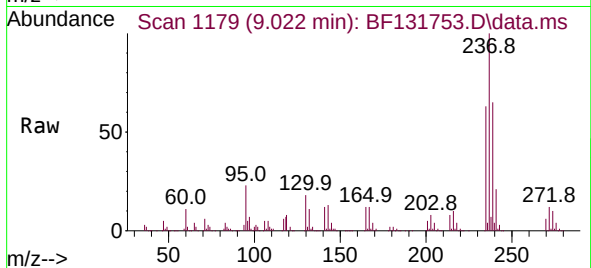
Tgt Ion:216 Resp: 292516
Ion Ratio Lower Upper
216 100
214 79.5 62.9 94.3
179 20.3 16.3 24.5
108 20.6 14.2 21.4





#41
Hexachlorocyclopentadiene
Concen: 113.797 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

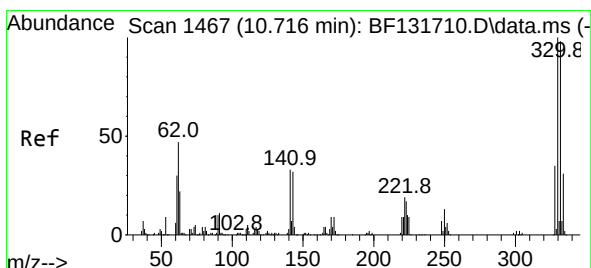
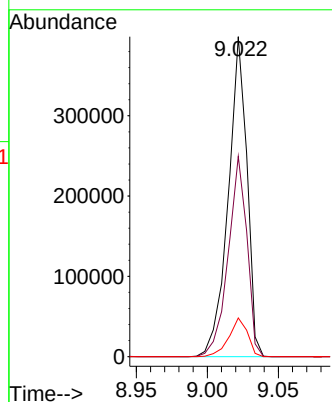
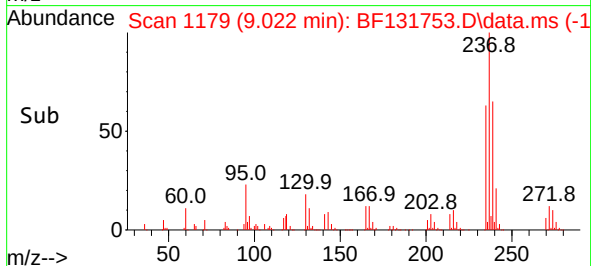
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



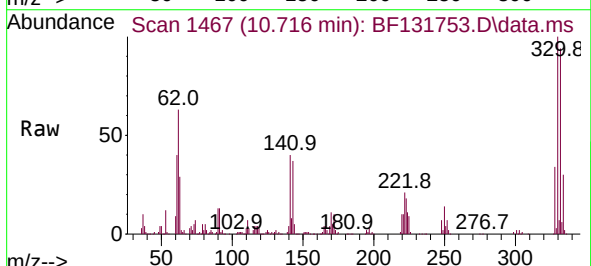
Tgt Ion: 237 Resp: 365976
Ion Ratio Lower Upper
237 100
235 62.6 42.2 82.2
272 12.1 0.0 31.7

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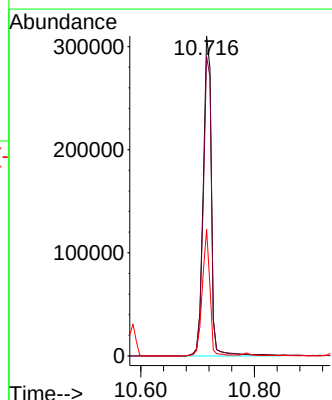
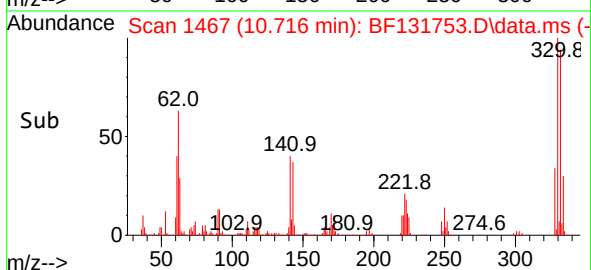
Reviewed By : Christian Giraldo 12/22/2022
Supervised By : Jagrut Upadhyay 12/22/2022

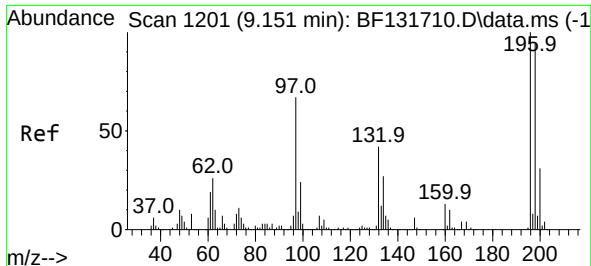


#42
2,4,6-Tribromophenol
Concen: 136.376 ng
RT: 10.716 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



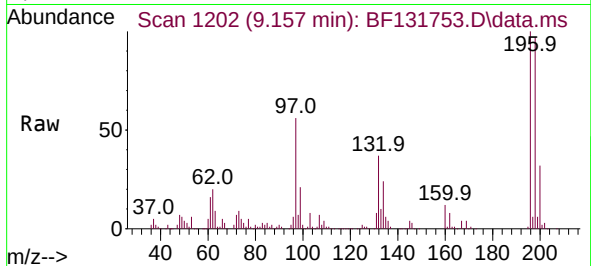
Tgt Ion: 330 Resp: 309704
Ion Ratio Lower Upper
330 100
332 94.8 77.1 115.7
141 36.6 30.4 45.6





#43
2,4,6-Trichlorophenol
Concen: 38.711 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

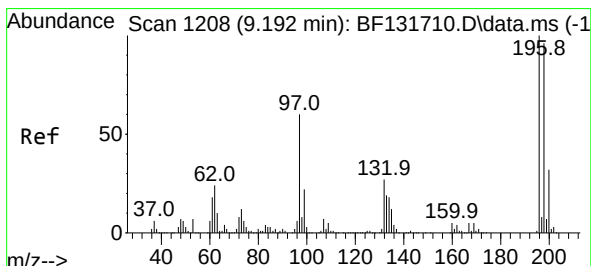
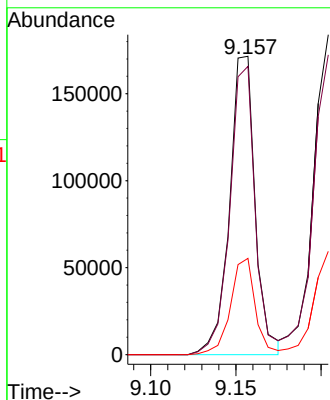
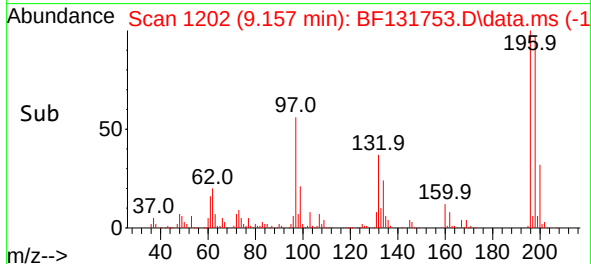
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



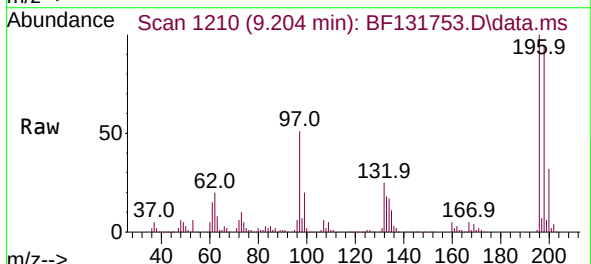
Tgt Ion:196 Resp: 17950
Ion Ratio Lower Upper
196 100
198 96.6 75.5 113.3
200 32.2 25.2 37.8

Manual Integrations
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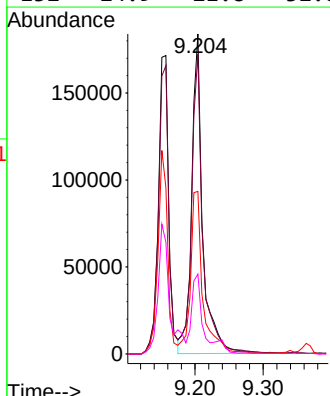
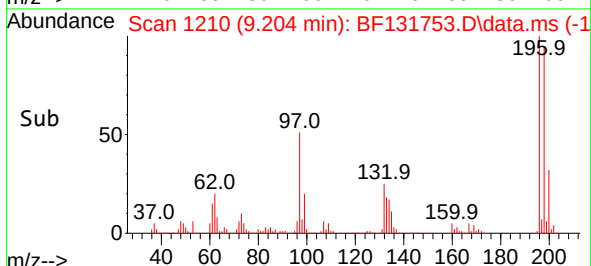
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

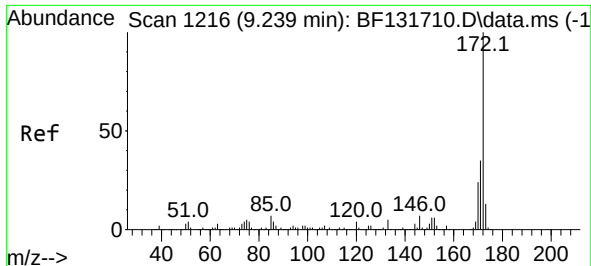


#44
2,4,5-Trichlorophenol
Concen: 41.154 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.012 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



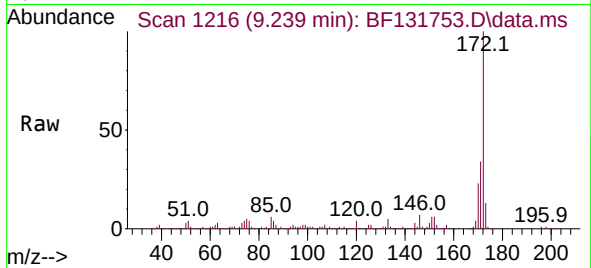
Tgt Ion:196 Resp: 206589
Ion Ratio Lower Upper
196 100
198 93.7 76.6 114.8
97 50.8 47.7 71.5
132 24.9 21.8 32.8





#45
2-Fluorobiphenyl
Concen: 80.058 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

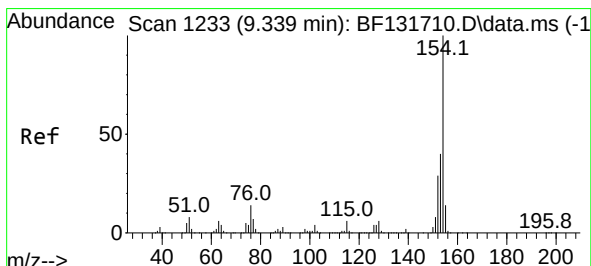
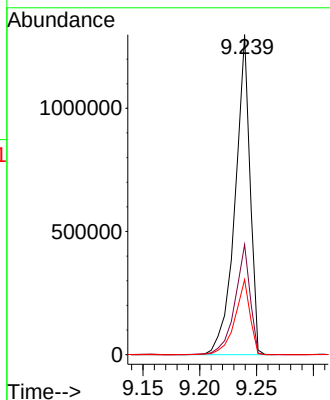
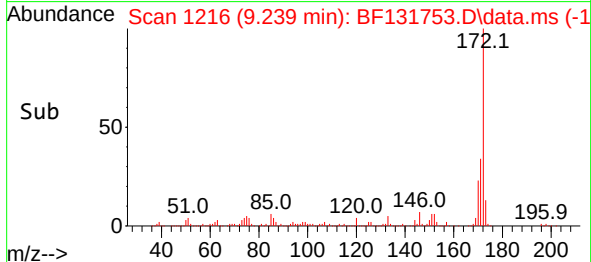
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



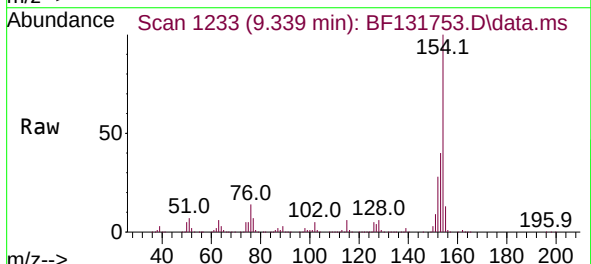
Tgt Ion:172 Resp: 118577
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 23.4 19.0 28.4

Manual Integrations
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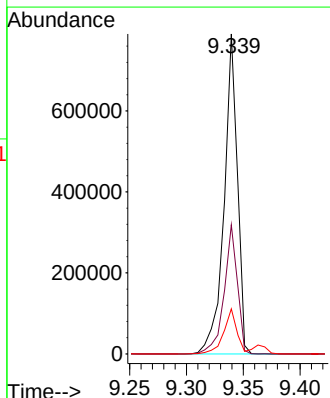
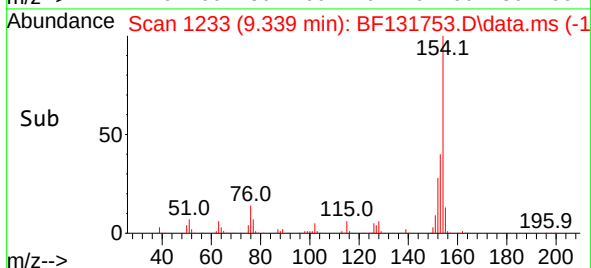
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

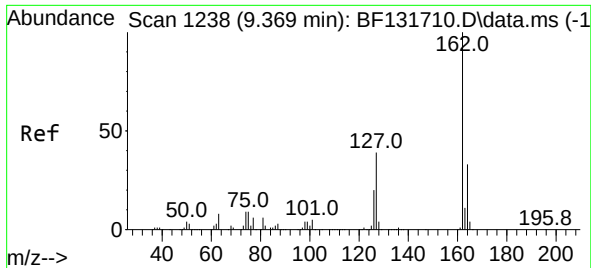


#46
1,1'-Biphenyl
Concen: 41.119 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:154 Resp: 641721
Ion Ratio Lower Upper
154 100
153 40.3 20.1 60.1
76 14.1 0.0 33.6





#47

2-Chloronaphthalene

Concen: 40.573 ng

RT: 9.363 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

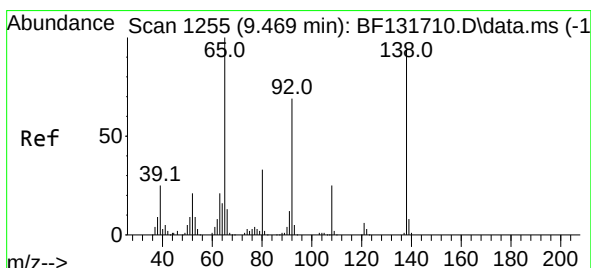
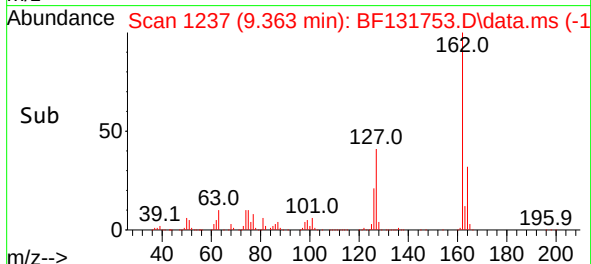
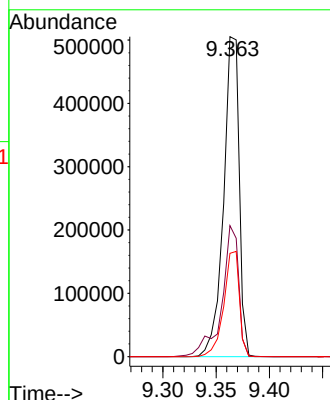
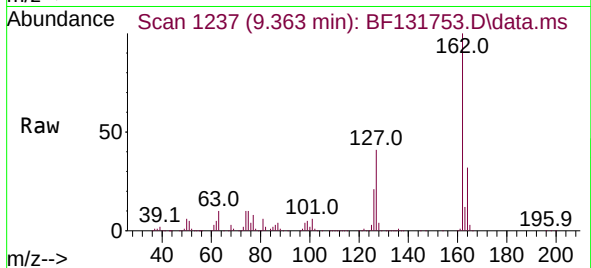
Tgt Ion:162 Resp: 518495
 Ion Ratio Lower Upper
 162 100
 127 40.9 31.4 47.2
 164 32.3 26.6 39.8

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#48

2-Nitroaniline

Concen: 40.029 ng

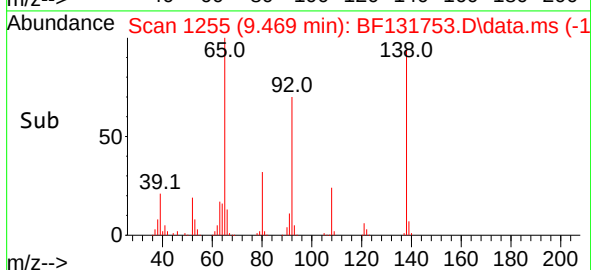
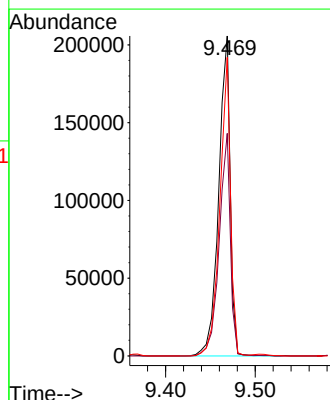
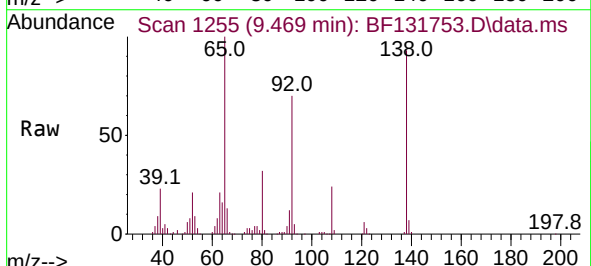
RT: 9.469 min Scan# 1255

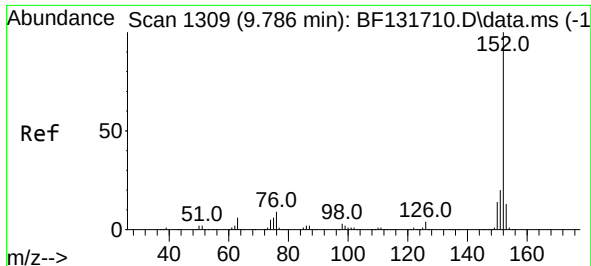
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

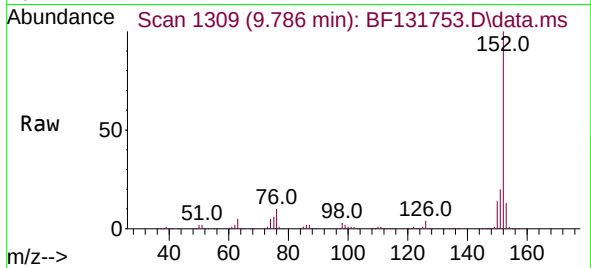
Tgt Ion: 65 Resp: 184377
 Ion Ratio Lower Upper
 65 100
 92 69.5 55.5 83.3
 138 93.3 74.8 112.2





#49
Acenaphthylene
Concen: 40.240 ng
RT: 9.786 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

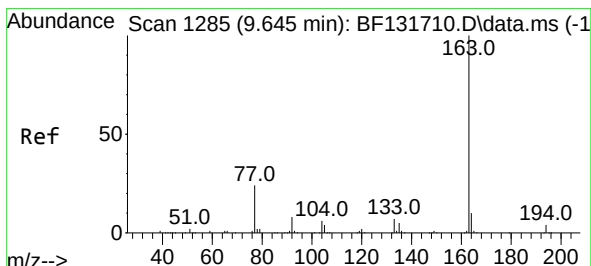
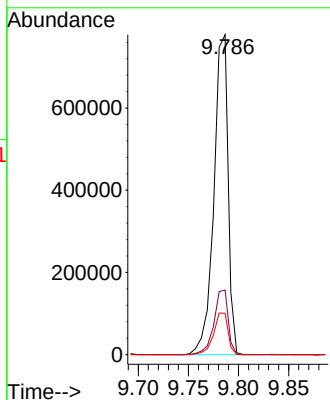
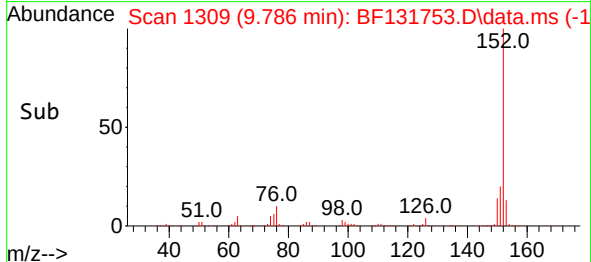
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



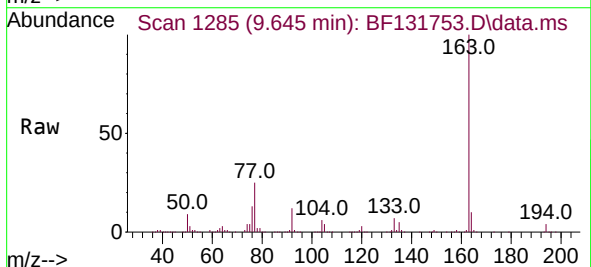
Tgt Ion:152 Resp: 771303
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.0 10.6 15.8

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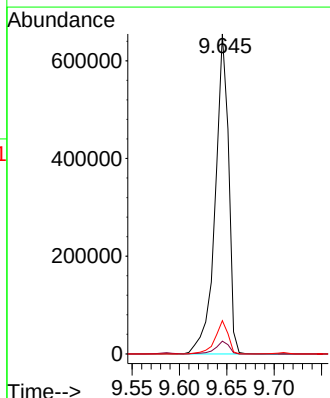
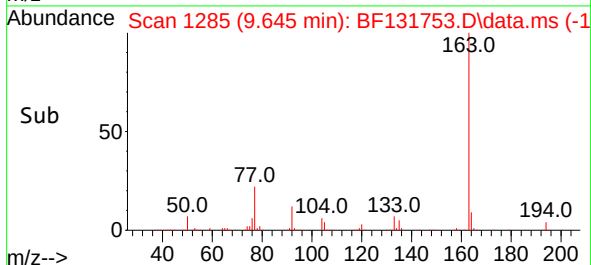
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

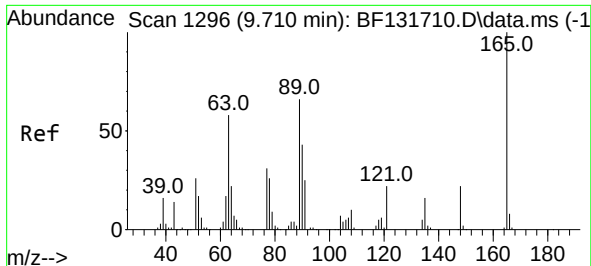


#50
Dimethylphthalate
Concen: 41.064 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:163 Resp: 641087
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: 41.221 ng

RT: 9.710 min Scan# 1296

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

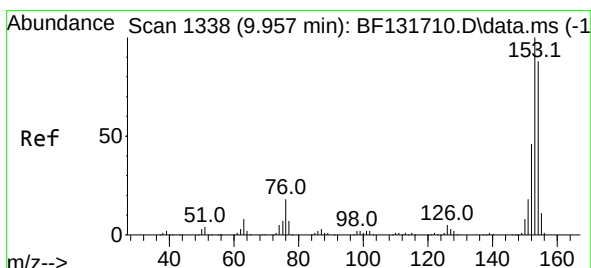
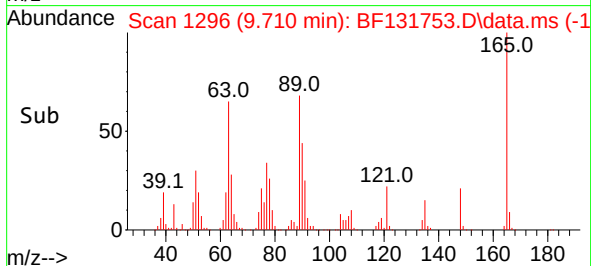
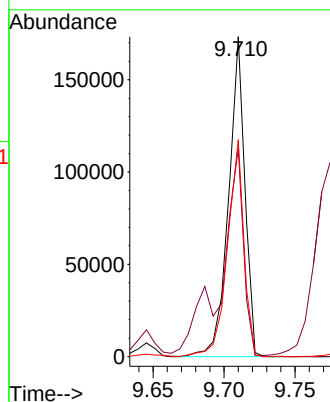
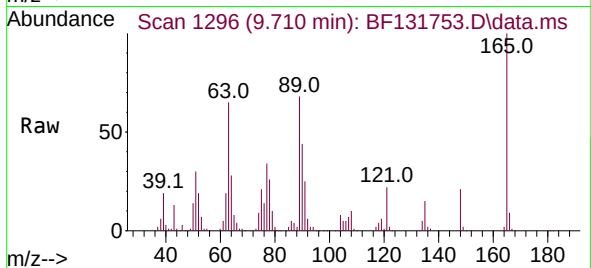
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Tgt Ion:165 Resp: 138372
 Ion Ratio Lower Upper
 165 100
 63 65.0 51.8 77.8
 89 67.8 53.2 79.8

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 Supervised By :Jagrut Upadhyay 12/22/2022



#52

Acenaphthene

Concen: 40.130 ng

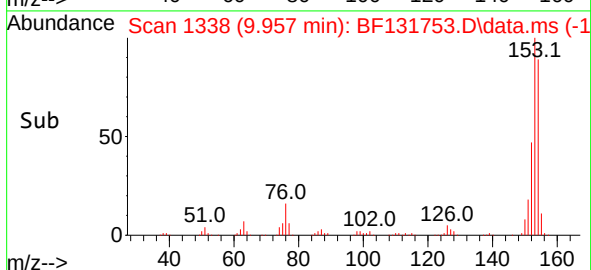
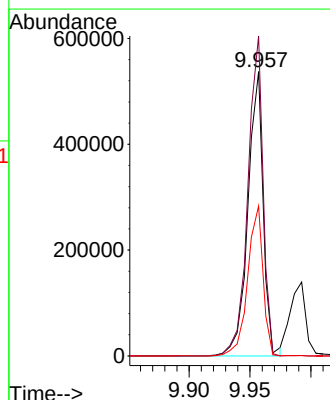
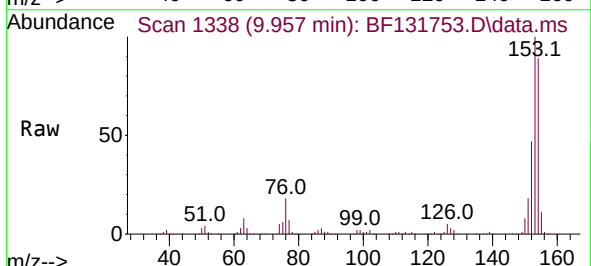
RT: 9.957 min Scan# 1338

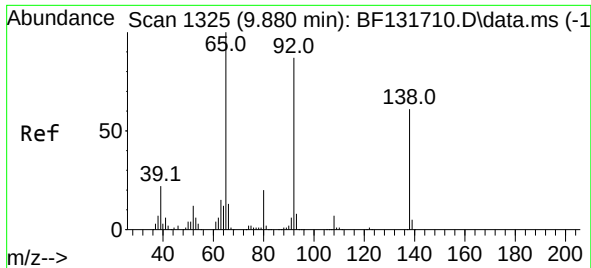
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

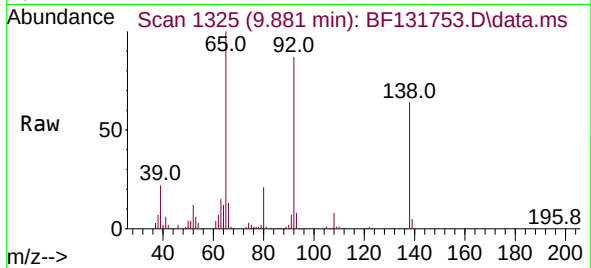
Tgt Ion:154 Resp: 471207
 Ion Ratio Lower Upper
 154 100
 153 112.6 90.4 135.6
 152 52.7 42.0 63.0





#53
3-Nitroaniline
Concen: 21.872 ng
RT: 9.881 min Scan# 1325
Delta R.T. 0.001 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

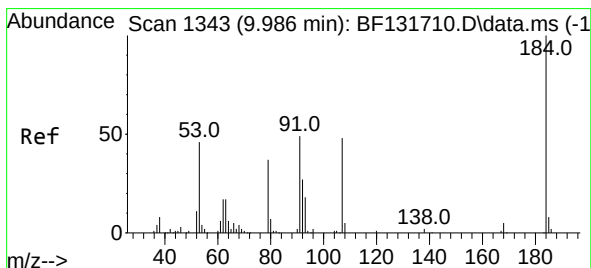
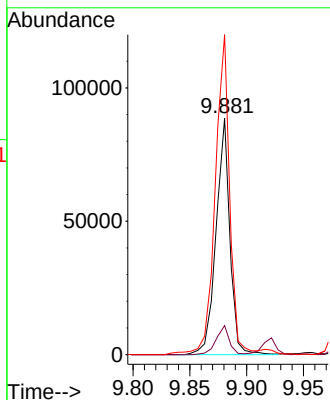
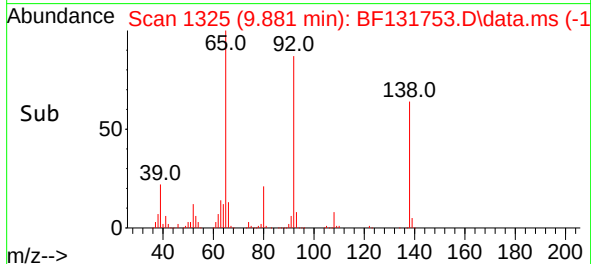
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



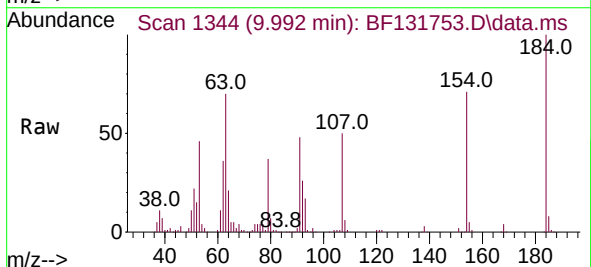
Tgt Ion:138 Resp: 75126
Ion Ratio Lower Upper
138 100
108 12.3 9.2 13.8
92 135.4 114.6 171.8

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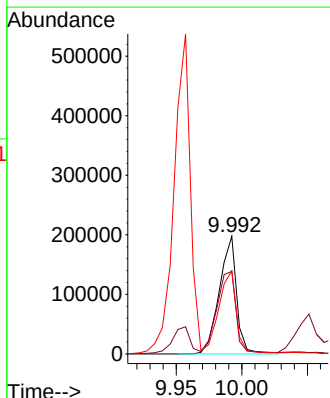
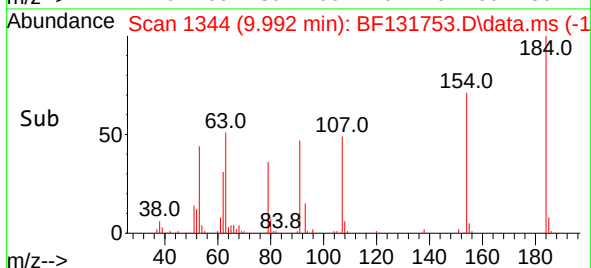
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

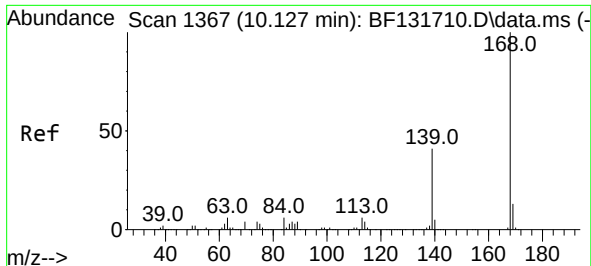


#54
2,4-Dinitrophenol
Concen: 90.736 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



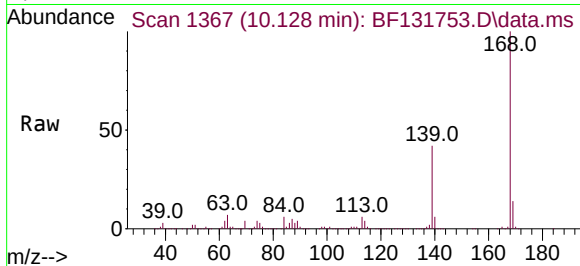
Tgt Ion:184 Resp: 182510
Ion Ratio Lower Upper
184 100
63 70.2 55.8 83.8
154 70.7 57.1 85.7





#55
Dibenzofuran
Concen: 39.520 ng
RT: 10.128 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

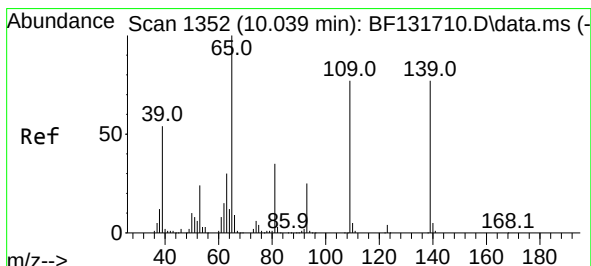
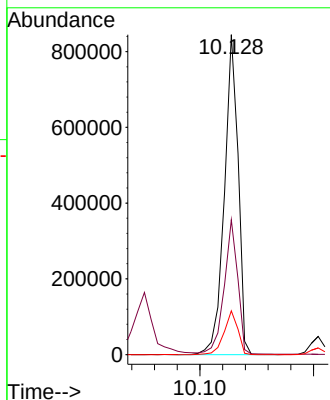
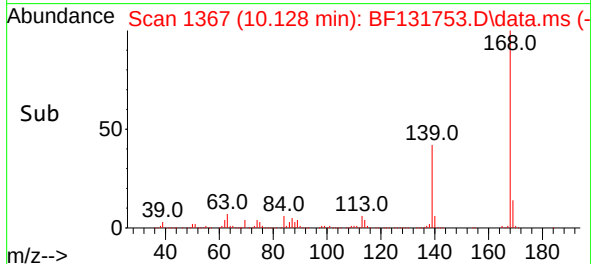
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



Tgt Ion:168 Resp: 711582
Ion Ratio Lower Upper
168 100
139 42.1 32.7 49.1
169 13.7 10.6 16.0

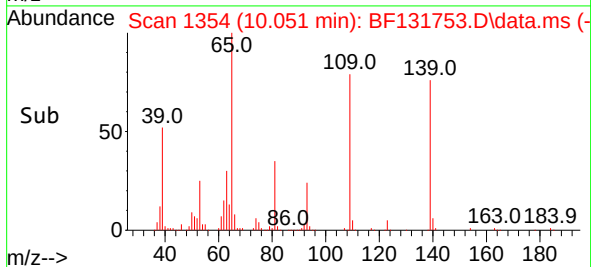
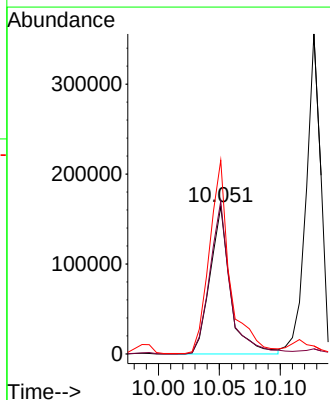
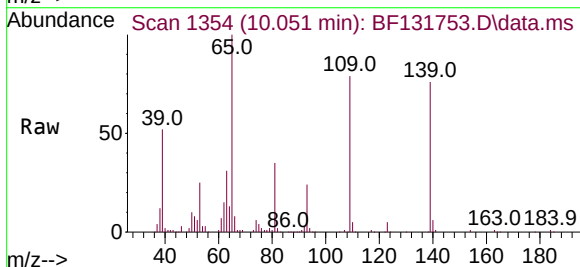
Manual Integrations
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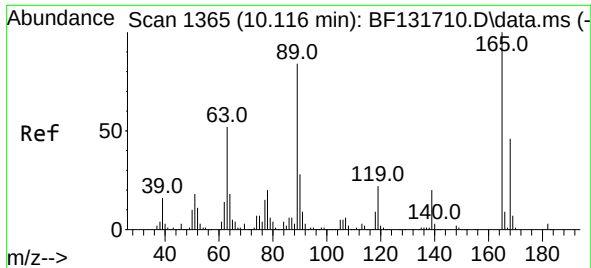
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#56
4-Nitrophenol
Concen: 77.294 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.012 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

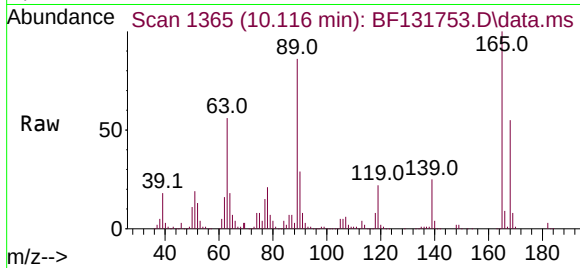
Tgt Ion:139 Resp: 190020
Ion Ratio Lower Upper
139 100
109 103.7 79.9 119.9
65 131.3 110.2 150.2





#57
2,4-Dinitrotoluene
Concen: 42.141 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

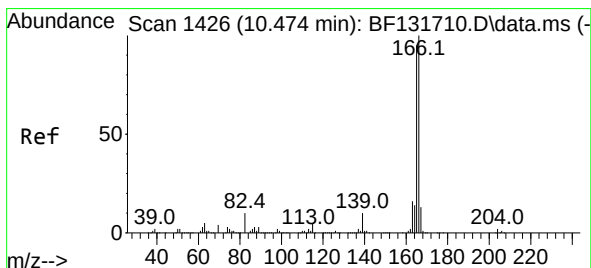
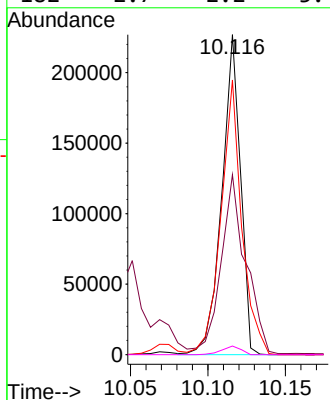
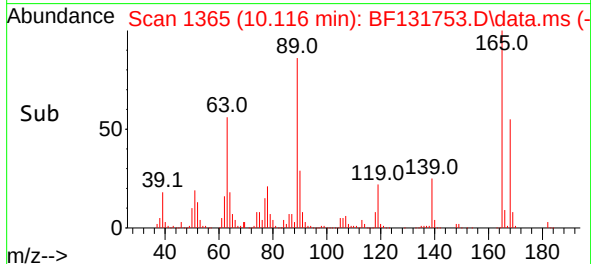
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



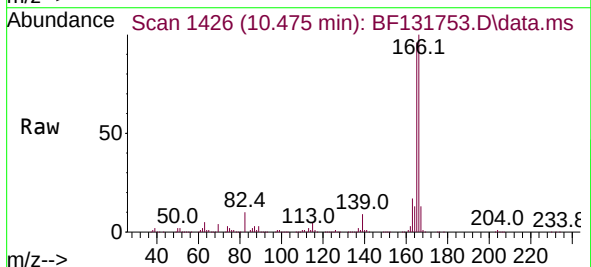
Tgt Ion:165 Resp: 190092
Ion Ratio Lower Upper
165 100
63 56.2 41.5 62.3
89 85.8 67.0 100.4
182 2.7 2.2 3.4

Manual Integrations
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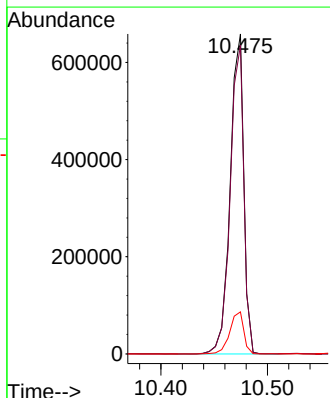
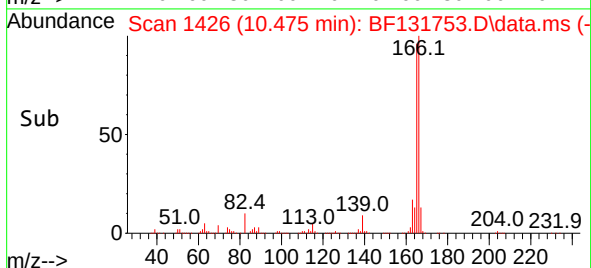
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

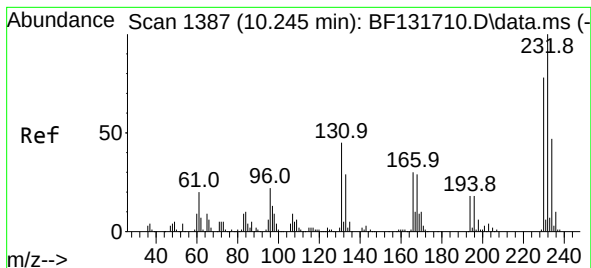


#58
Fluorene
Concen: 40.154 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



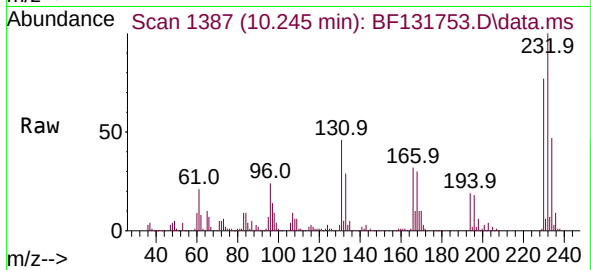
Tgt Ion:166 Resp: 584539
Ion Ratio Lower Upper
166 100
165 96.4 75.8 113.8
167 13.1 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.951 ng m
RT: 10.245 min Scan# 1387
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

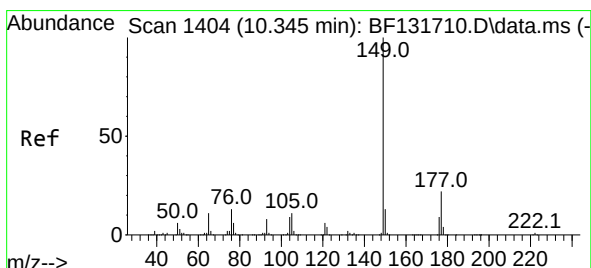
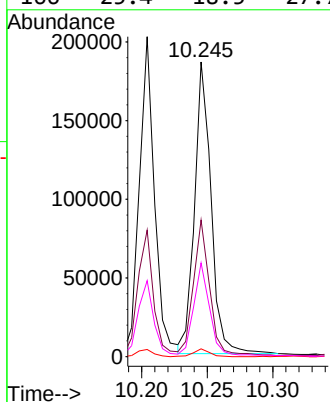
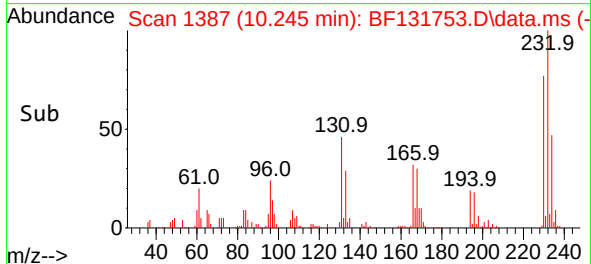
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



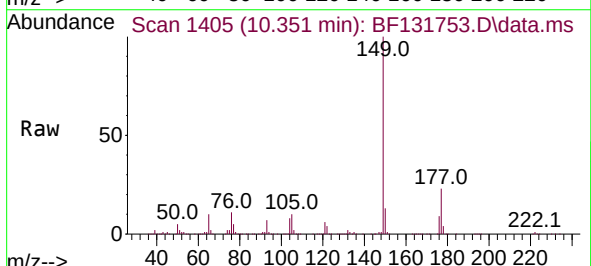
Tgt Ion:232 Resp: 163237
Ion Ratio Lower Upper
232 100
131 41.3 29.9 44.9
130 2.4 1.7 2.5
166 25.4 18.5 27.7

Manual Integrations
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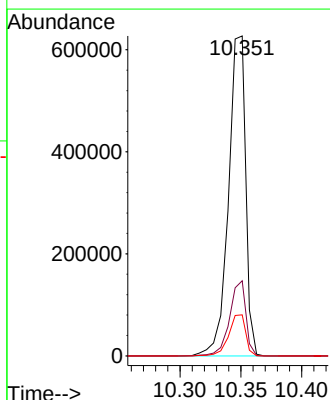
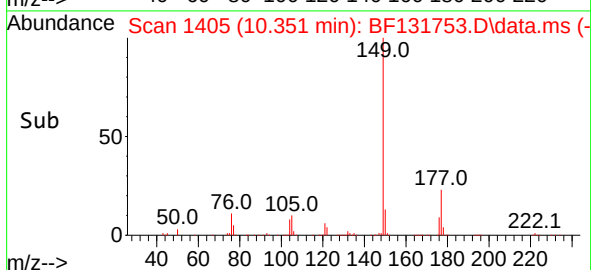
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

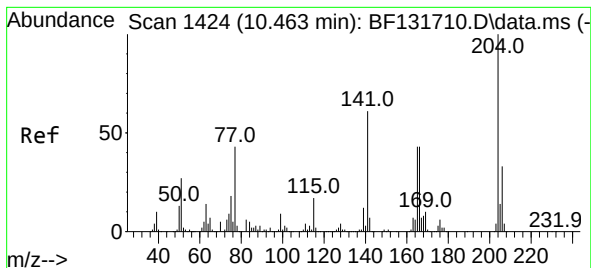


#60
Diethylphthalate
Concen: 41.036 ng
RT: 10.351 min Scan# 1405
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



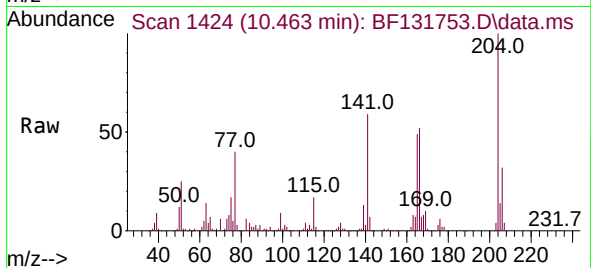
Tgt Ion:149 Resp: 617303
Ion Ratio Lower Upper
149 100
177 23.5 17.4 26.0
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 41.136 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

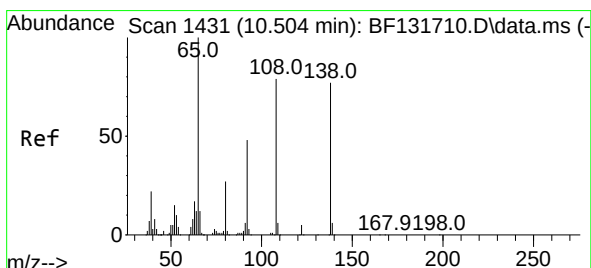
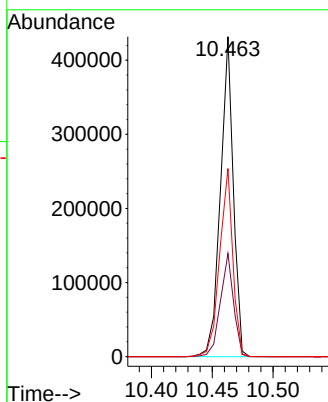
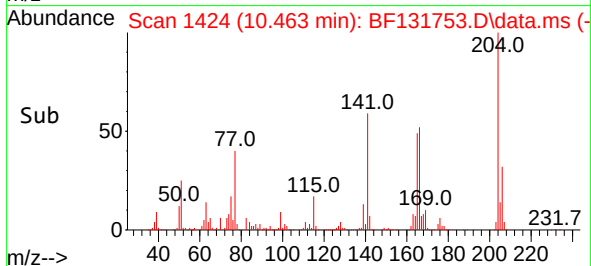
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



Tgt Ion:204 Resp: 318280
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 58.8 48.6 72.8

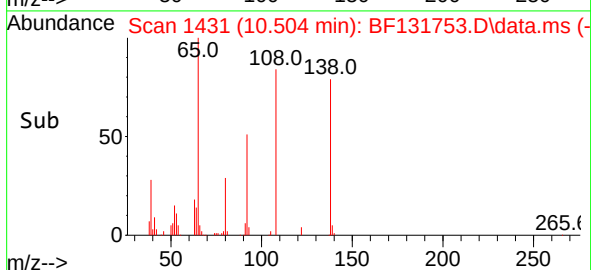
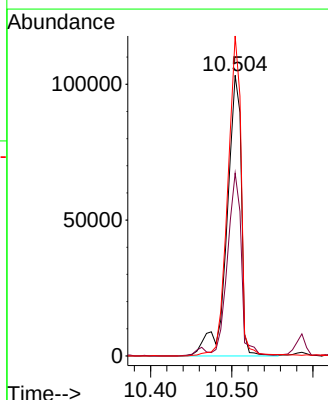
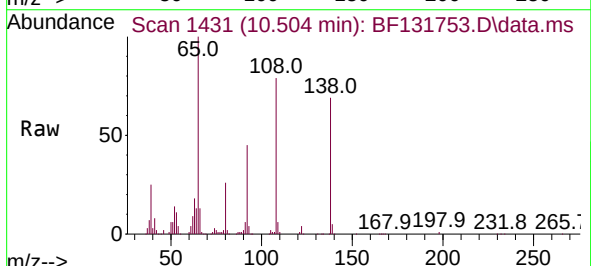
Manual Integrations
APPROVED

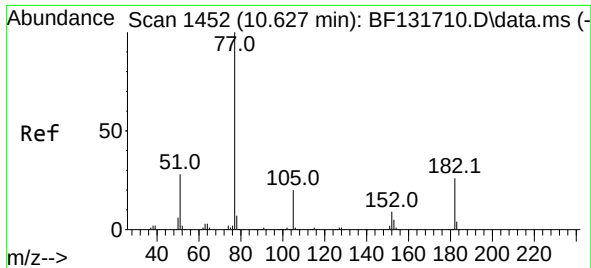
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#62
4-Nitroaniline
Concen: 36.789 ng
RT: 10.504 min Scan# 1431
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

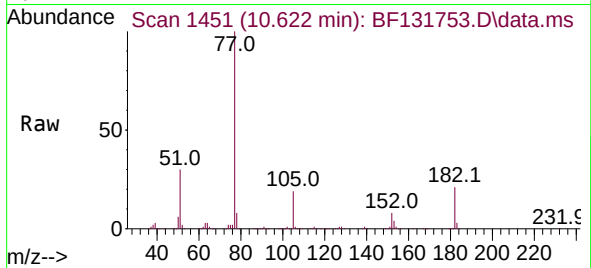
Tgt Ion:138 Resp: 127176
Ion Ratio Lower Upper
138 100
92 65.1 42.1 82.1
108 114.0 83.1 123.1





#63
Azobenzene
Concen: 40.233 ng
RT: 10.622 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

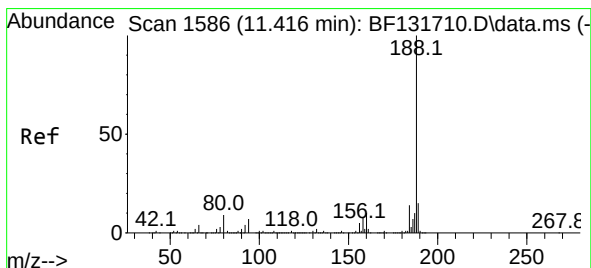
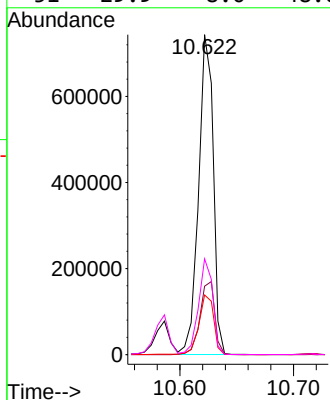
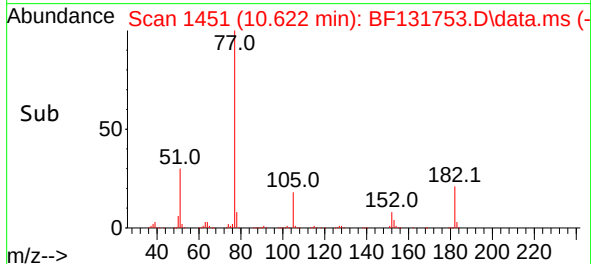
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



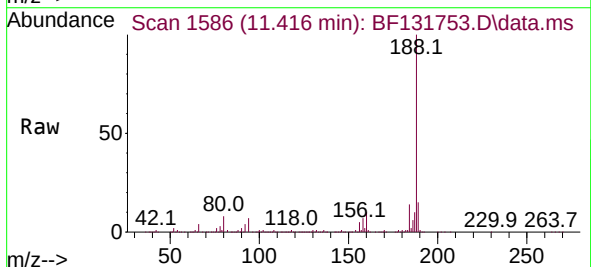
Tgt Ion: 77 Resp: 664622
Ion Ratio Lower Upper
77 100
182 21.4 5.8 45.8
105 18.6 0.0 39.7
51 29.9 8.0 48.0

Manual Integrations
APPROVED

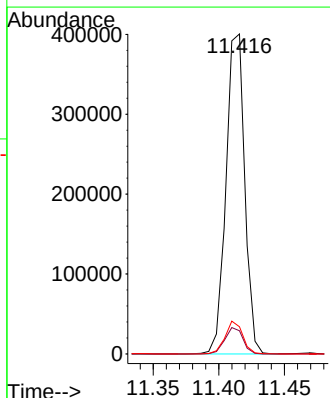
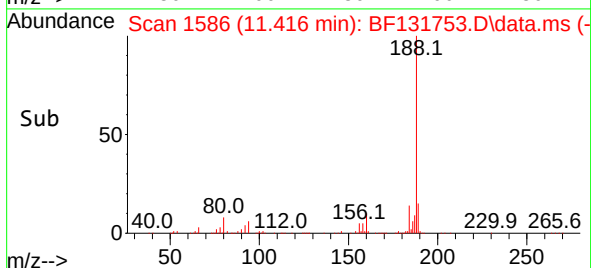
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

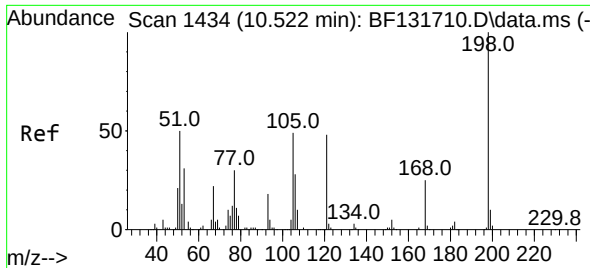


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



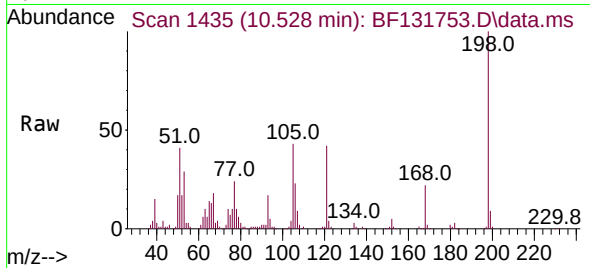
Tgt Ion:188 Resp: 399240
Ion Ratio Lower Upper
188 100
94 7.2 5.9 8.9
80 8.5 7.0 10.6





#65
4,6-Dinitro-2-methylphenol
Concen: 42.696 ng
RT: 10.528 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

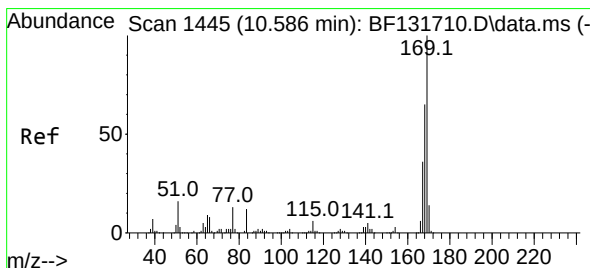
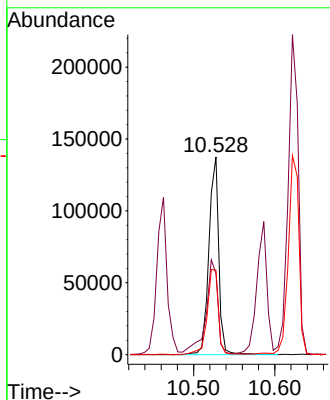
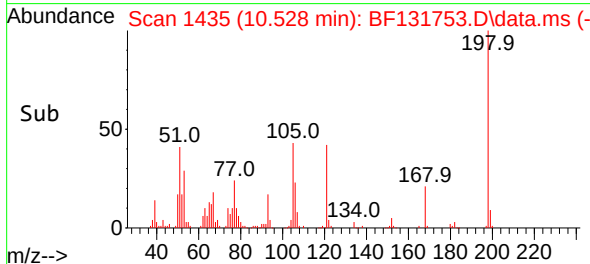
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



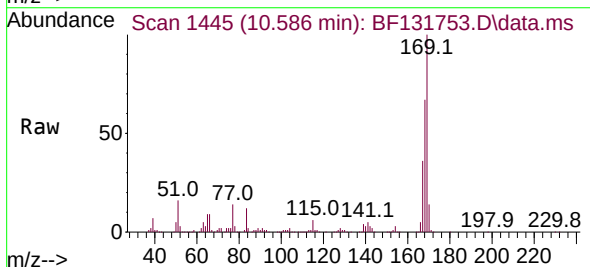
Tgt Ion:198 Resp: 117032
Ion Ratio Lower Upper
198 100
51 41.0 34.1 74.1
105 42.7 29.7 69.7

Manual Integrations
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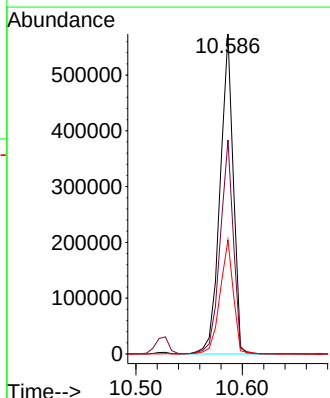
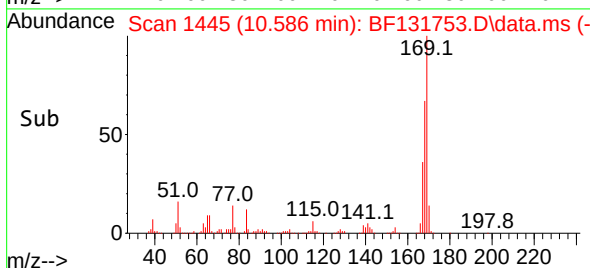
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

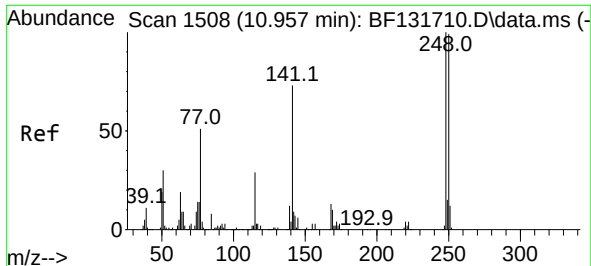


#66
n-Nitrosodiphenylamine
Concen: 39.980 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



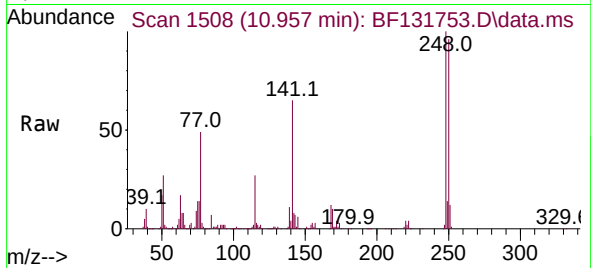
Tgt Ion:169 Resp: 494985
Ion Ratio Lower Upper
169 100
168 66.9 52.4 78.6
167 35.6 28.6 42.8





#67
4-Bromophenyl-phenylether
Concen: 41.284 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

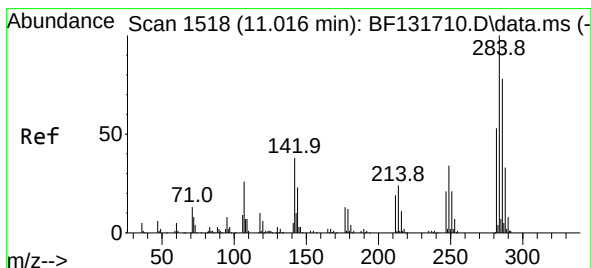
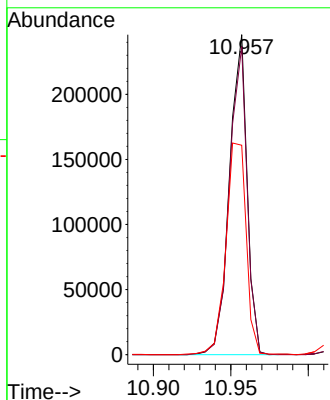
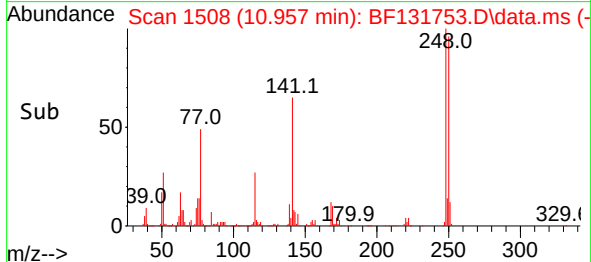
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



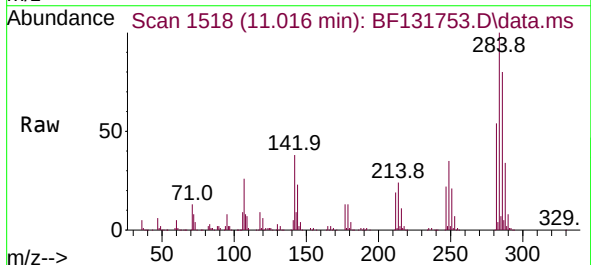
Tgt Ion:248 Resp: 194665
Ion Ratio Lower Upper
248 100
250 96.2 79.4 119.0
141 65.4 58.1 87.1

Manual Integrations
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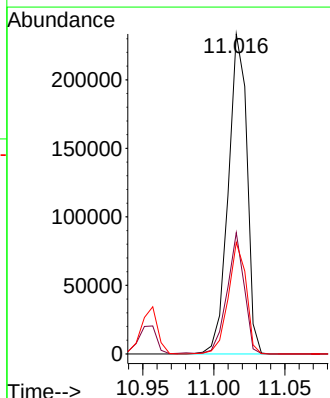
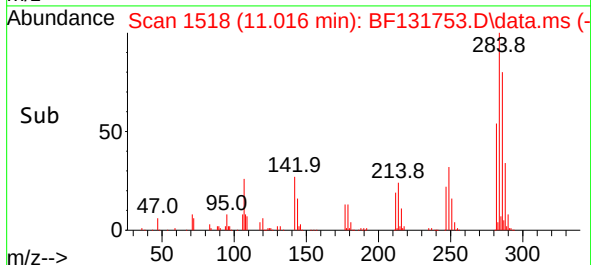
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

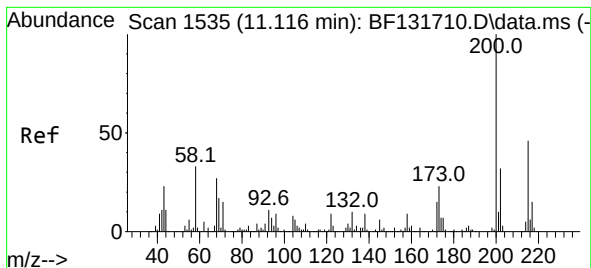


#68
Hexachlorobenzene
Concen: 40.976 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:284 Resp: 212500
Ion Ratio Lower Upper
284 100
142 37.9 30.2 45.4
249 34.8 27.2 40.8





#69

Atrazine

Concen: 25.493 ng

RT: 11.110 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

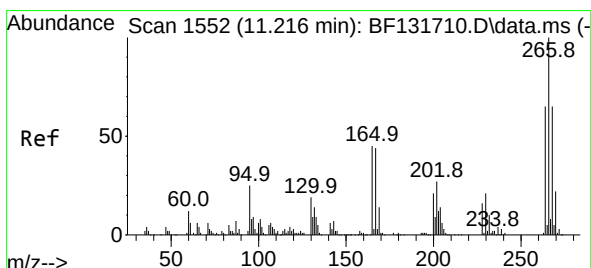
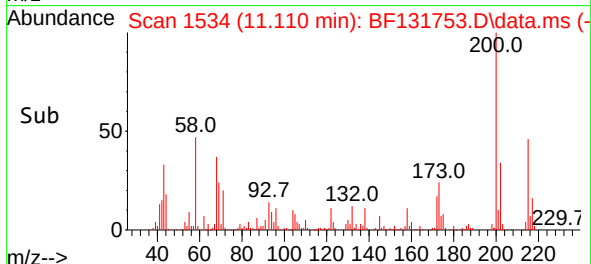
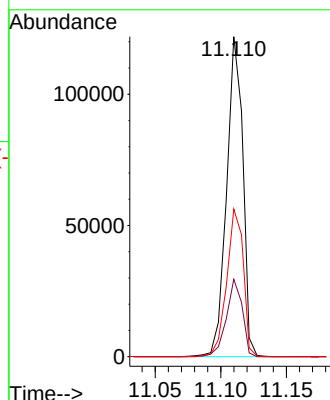
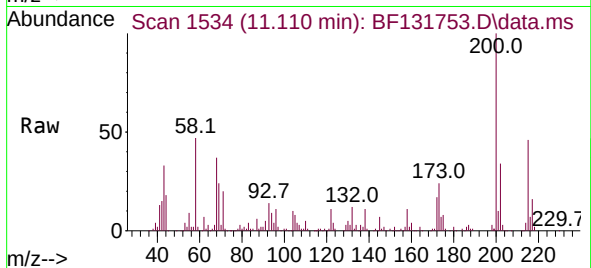
Tgt Ion:	200	Resp:	10521
Ion Ratio	Lower	Upper	
200	100		
173	24.2	2.7	42.7
215	46.1	26.4	66.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#70

Pentachlorophenol

Concen: 87.412 ng

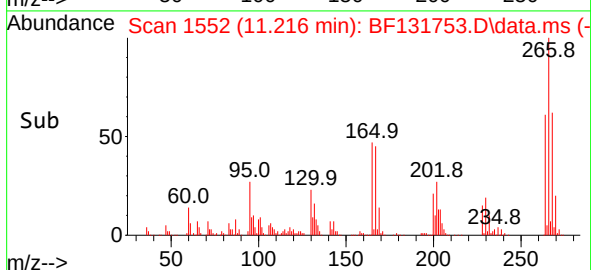
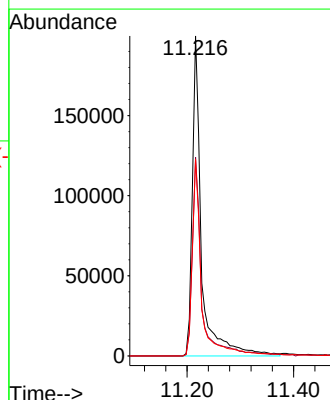
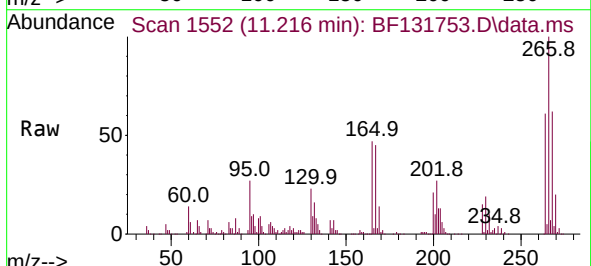
RT: 11.216 min Scan# 1552

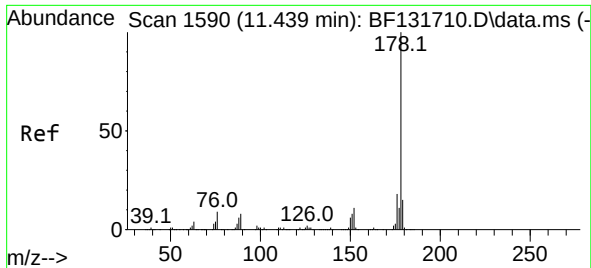
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:	266	Resp:	240599
Ion Ratio	Lower	Upper	
266	100		
268	62.1	52.2	78.4
264	61.4	52.0	78.0





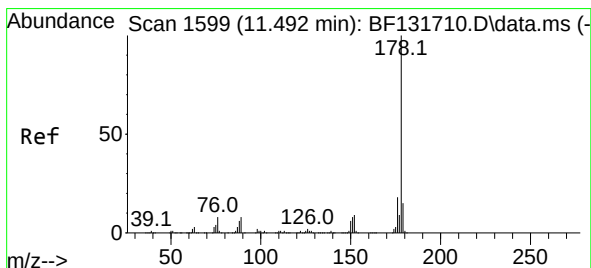
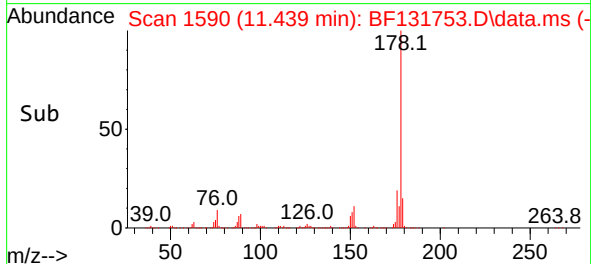
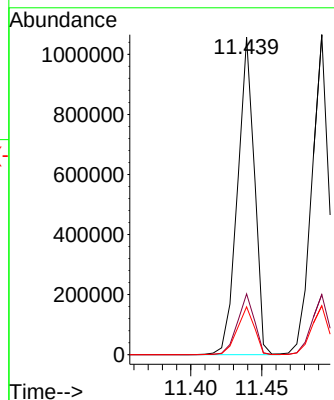
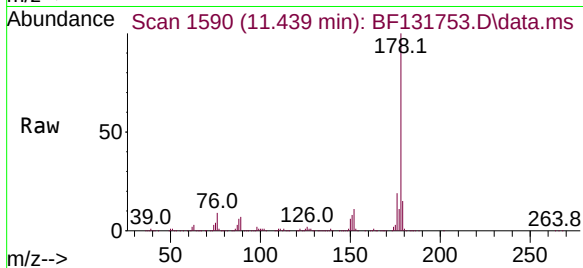
#71
Phenanthrene
Concen: 39.920 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Instrument :
BNA_F
ClientSampleId :
PB149691BSD

Tgt Ion:178 Resp: 869062
Ion Ratio Lower Upper
178 100
176 19.2 14.8 22.2
179 15.1 12.2 18.4

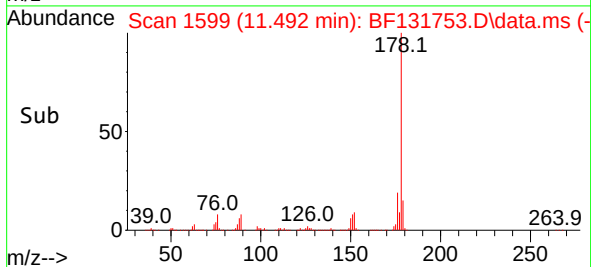
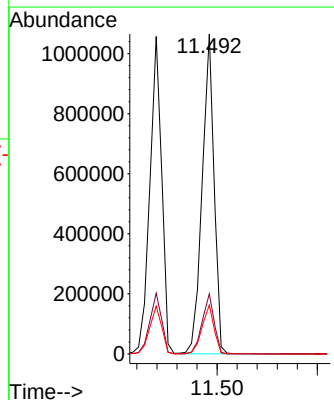
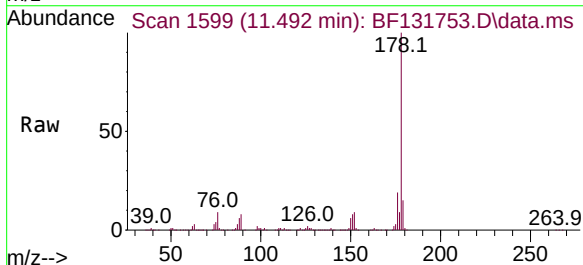
Manual Integrations
APPROVED

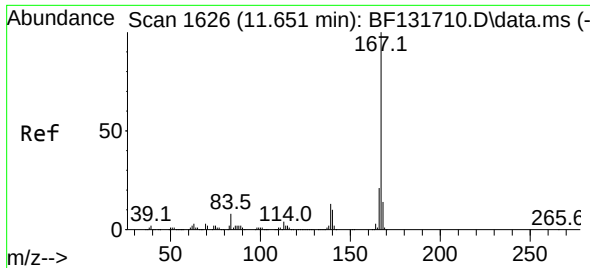
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#72
Anthracene
Concen: 41.061 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

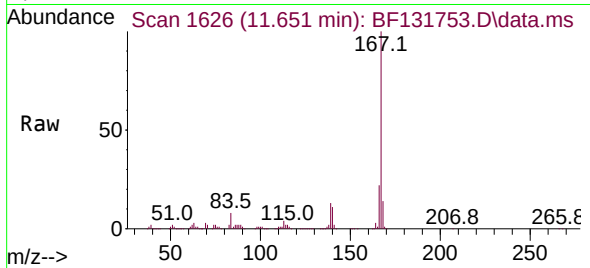
Tgt Ion:178 Resp: 875257
Ion Ratio Lower Upper
178 100
176 18.8 14.6 21.8
179 15.3 12.2 18.4





#73
 Carbazole
 Concen: 41.627 ng
 RT: 11.651 min Scan# 1626
 Delta R.T. 0.000 min
 Lab File: BF131753.D
 Acq: 21 Dec 2022 19:23

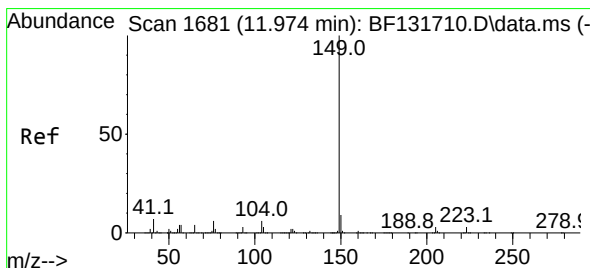
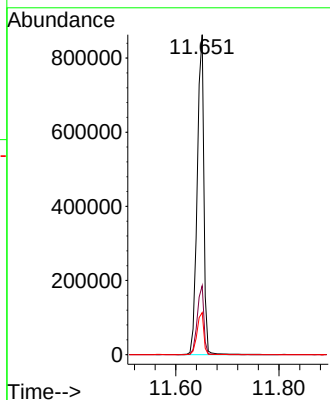
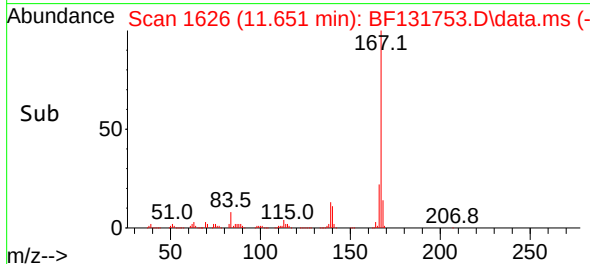
Instrument :
 BNA_F
 ClientSampleId :
 PB149691BSD



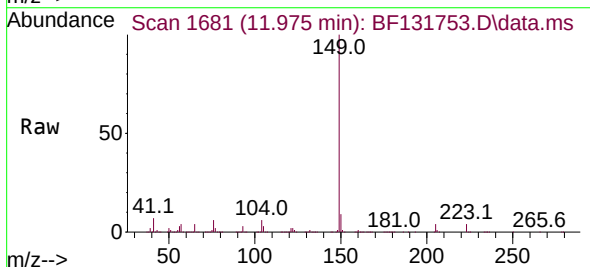
Tgt Ion:167 Resp: 767680
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 13.1 10.5 15.7

Manual Integrations
 APPROVED

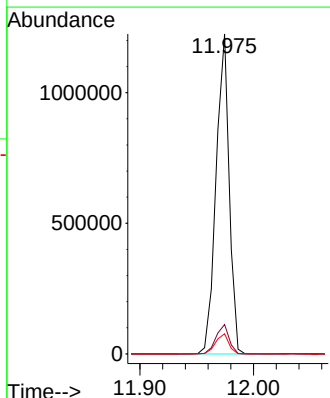
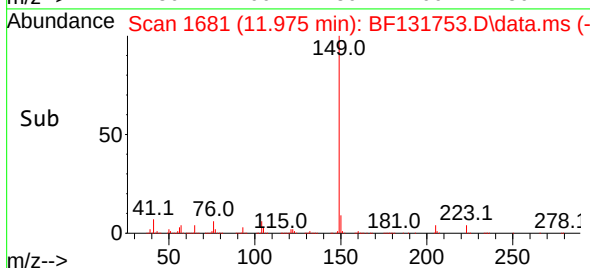
Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022

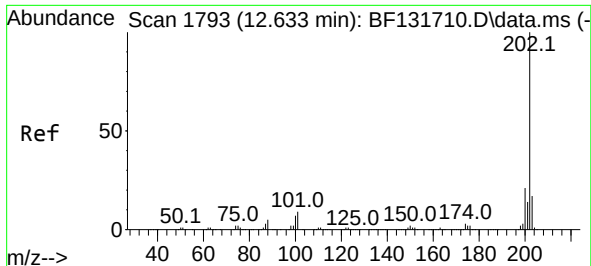


#74
 Di-n-butylphthalate
 Concen: 42.681 ng
 RT: 11.975 min Scan# 1681
 Delta R.T. 0.000 min
 Lab File: BF131753.D
 Acq: 21 Dec 2022 19:23



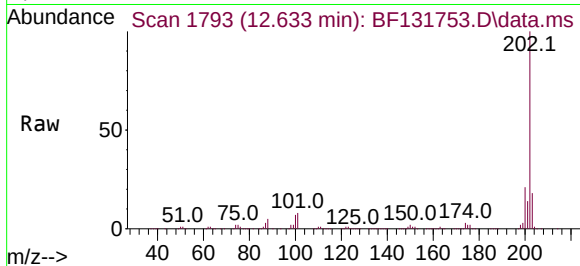
Tgt Ion:149 Resp: 980098
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 6.3 5.0 7.4





#75
Fluoranthene
Concen: 41.806 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

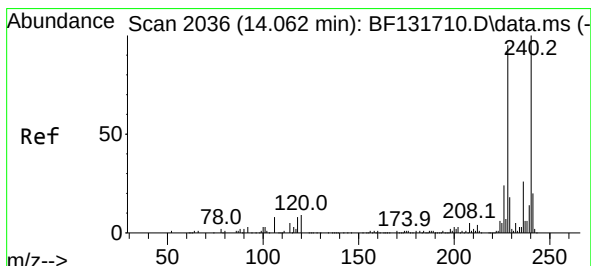
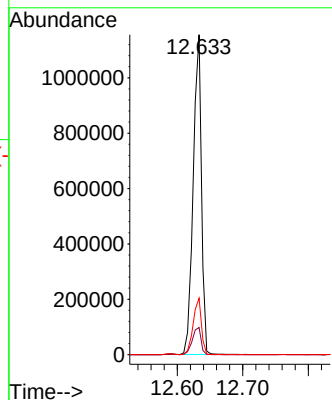
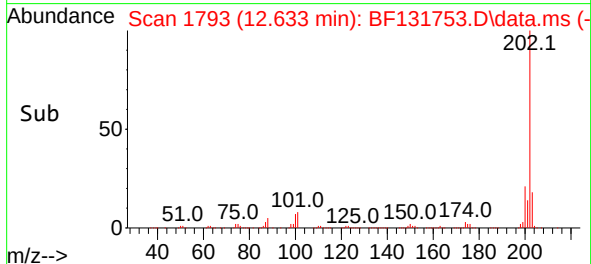
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



Tgt Ion:202 Resp: 1013612
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.8
203 17.6 0.0 37.1

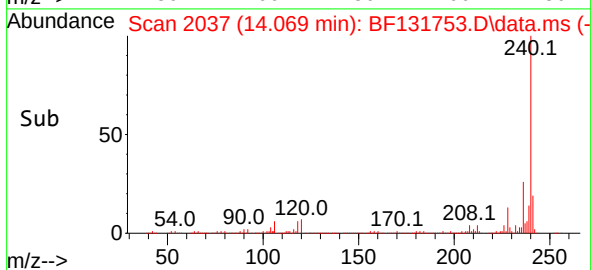
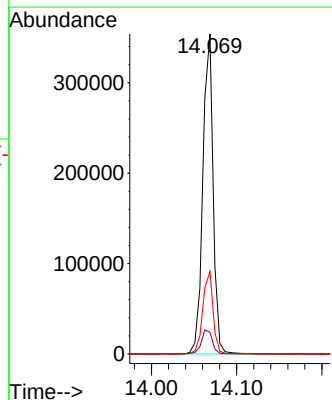
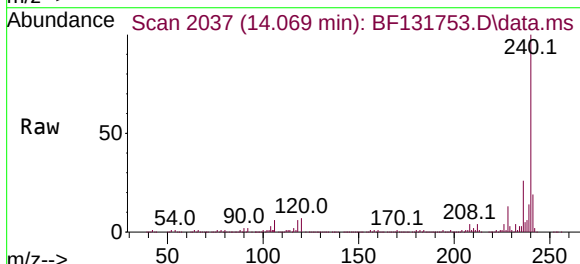
Manual Integrations
APPROVED

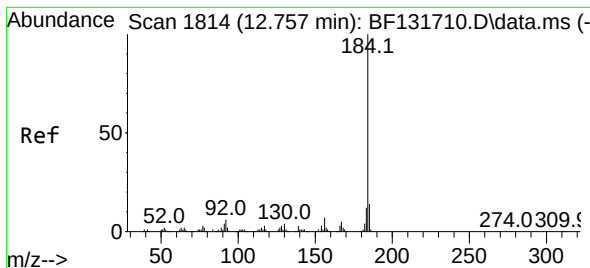
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

Tgt Ion:240 Resp: 296258
Ion Ratio Lower Upper
240 100
120 6.8 7.6 11.4#
236 25.8 21.2 31.8





#77

Benzidine

Concen: 6.146 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

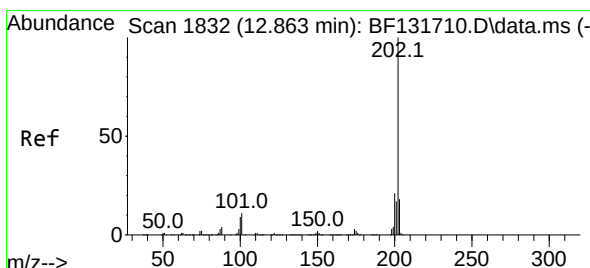
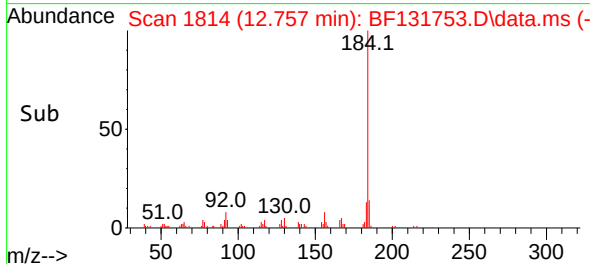
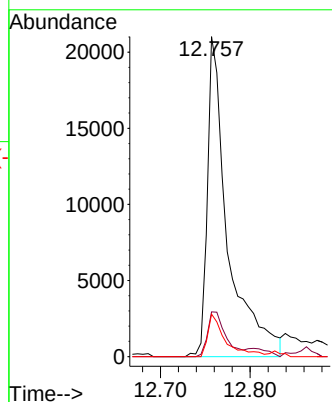
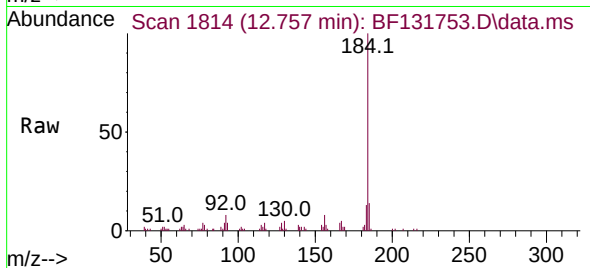
PB149691BSD

Tgt Ion:184	Resp:	33386
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.3 16.9
183	13.3	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#78

Pyrene

Concen: 38.163 ng

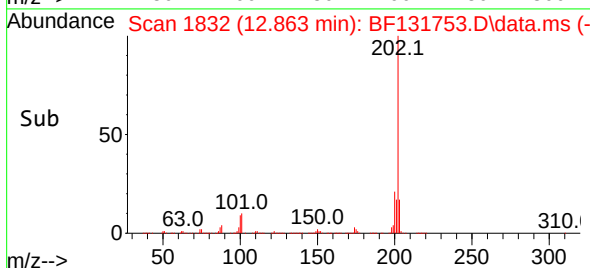
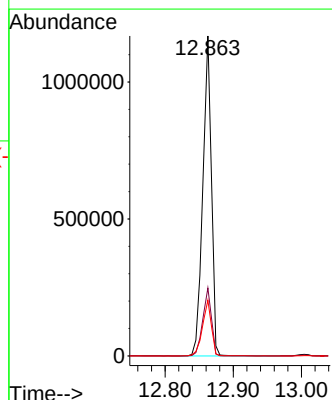
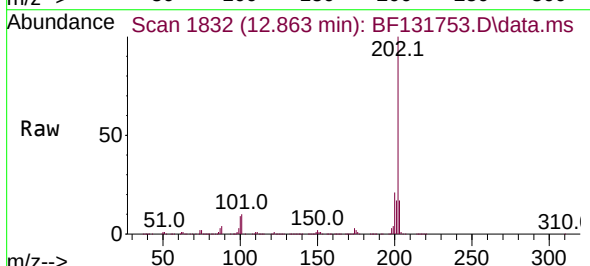
RT: 12.863 min Scan# 1832

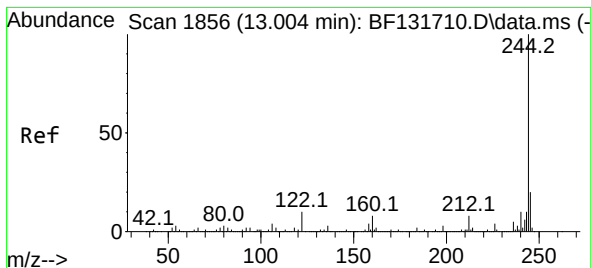
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Tgt Ion:202	Resp:	1027927
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.1 25.7
203	17.4	14.1 21.1





#79

Terphenyl-d14

Concen: 83.782 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

PB149691BSD

Tgt Ion:244 Resp: 1592607

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

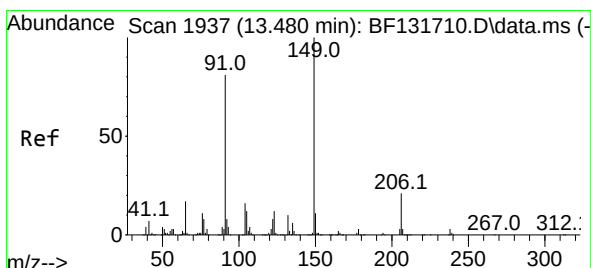
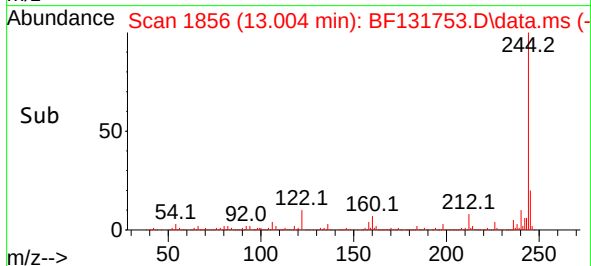
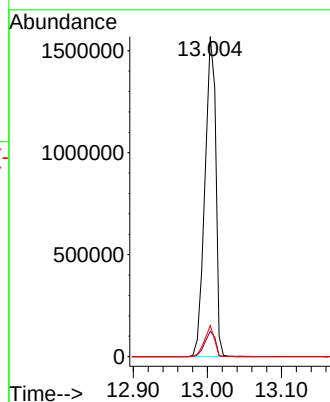
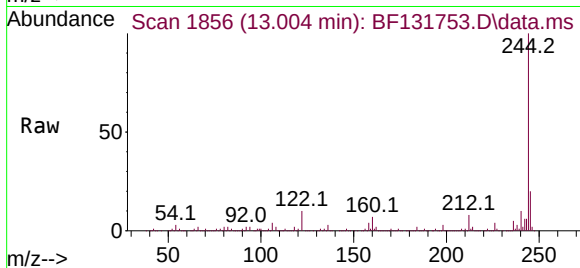
122 9.7 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/22/2022

Supervised By :Jagrut Upadhyay 12/22/2022



#80

Butylbenzylphthalate

Concen: 43.008 ng

RT: 13.480 min Scan# 1937

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

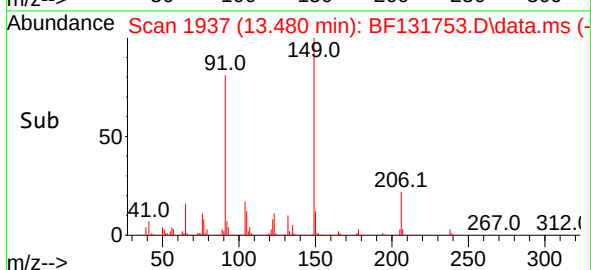
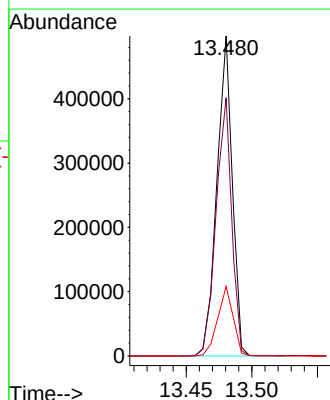
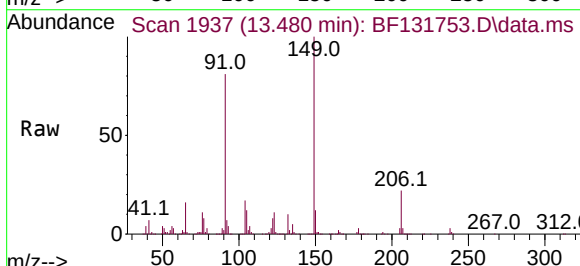
Tgt Ion:149 Resp: 408574

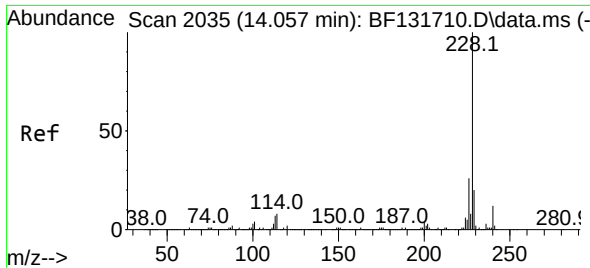
Ion Ratio Lower Upper

149 100

91 80.7 64.9 97.3

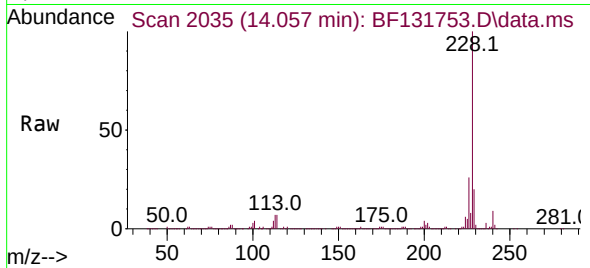
206 21.7 17.0 25.4





#81
Benzo(a)anthracene
Concen: 39.937 ng
RT: 14.057 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

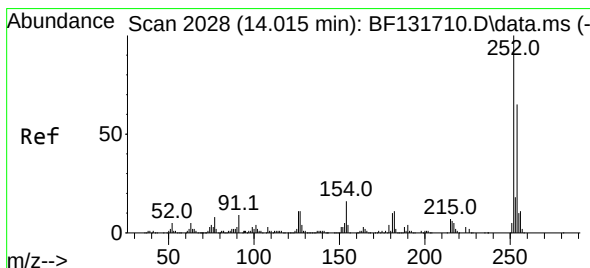
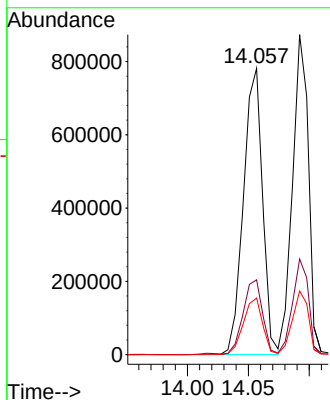
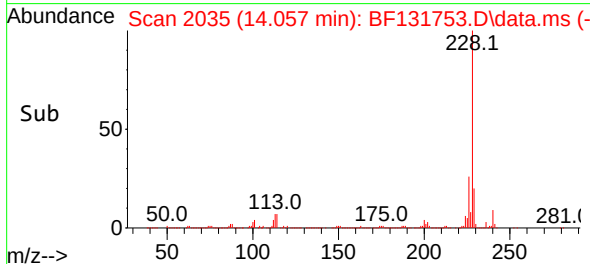
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



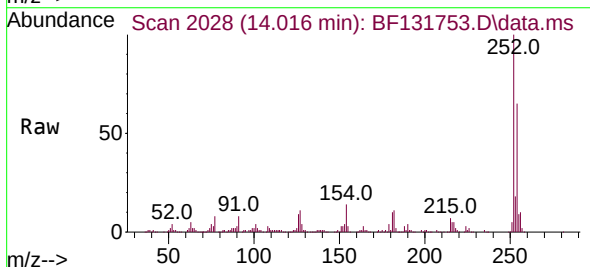
Tgt Ion:228 Resp: 852128
Ion Ratio Lower Upper
228 100
226 26.1 21.0 31.4
229 19.7 15.8 23.8

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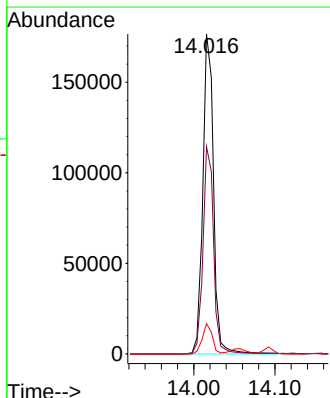
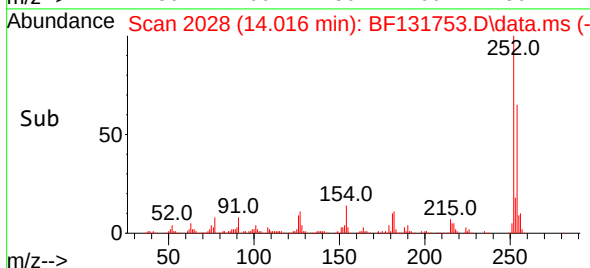
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

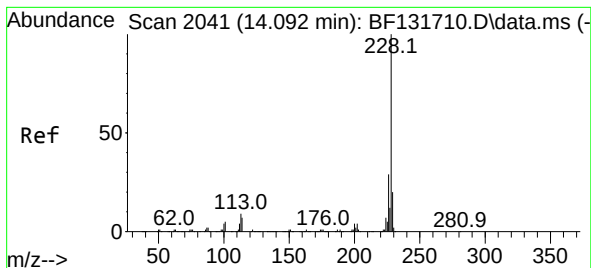


#82
3,3'-Dichlorobenzidine
Concen: 27.147 ng
RT: 14.016 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:252 Resp: 161715
Ion Ratio Lower Upper
252 100
254 64.8 52.1 78.1
126 9.5 8.4 12.6





#83

Chrysene

Concen: 39.595 ng

RT: 14.092 min Scan# 2041

Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

Instrument :

BNA_F

ClientSampleId :

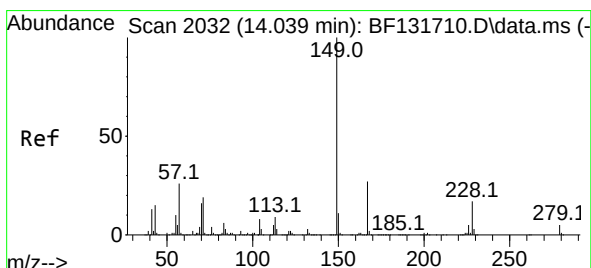
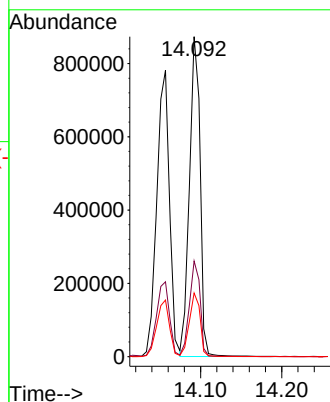
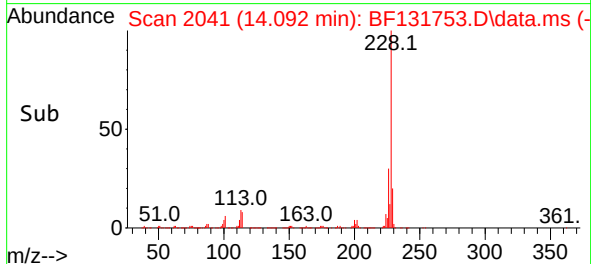
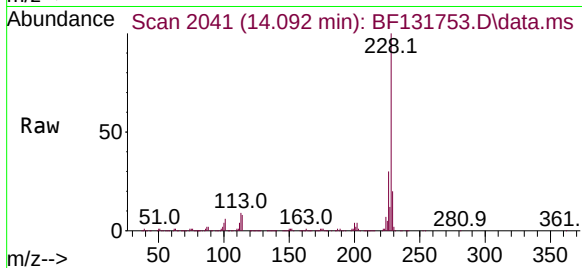
PB149691BSD

Tgt Ion:228 Resp: 797382
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.5 35.3
 229 19.9 15.6 23.4

Manual Integrations

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Reviewed By :Christian Giraldo 12/22/2022
 Supervised By :Jagrut Upadhyay 12/22/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.951 ng

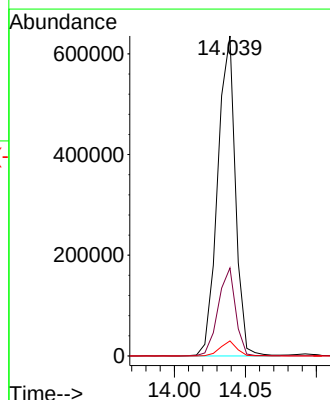
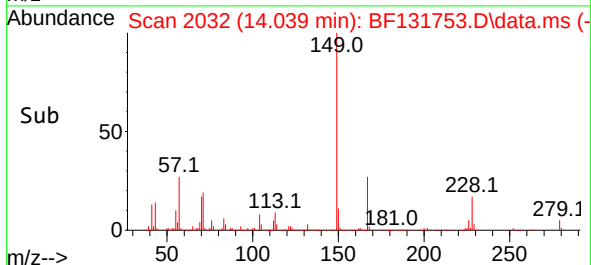
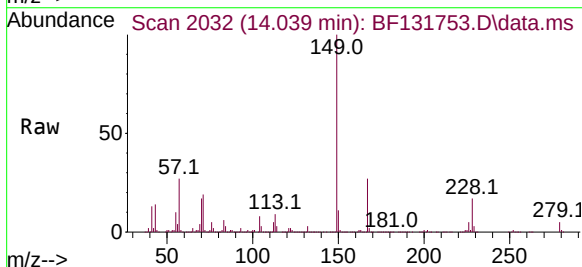
RT: 14.039 min Scan# 2032

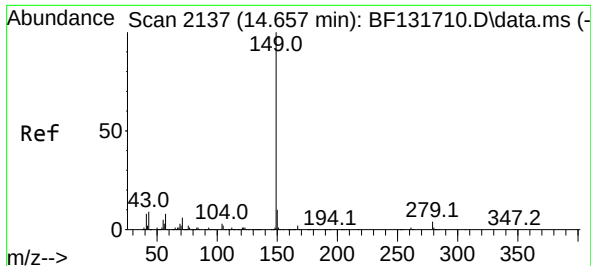
Delta R.T. 0.000 min

Lab File: BF131753.D

Acq: 21 Dec 2022 19:23

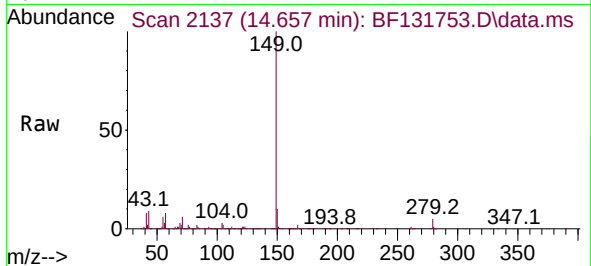
Tgt Ion:149 Resp: 554526
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.7 32.5
 279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 53.336 ng
RT: 14.657 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

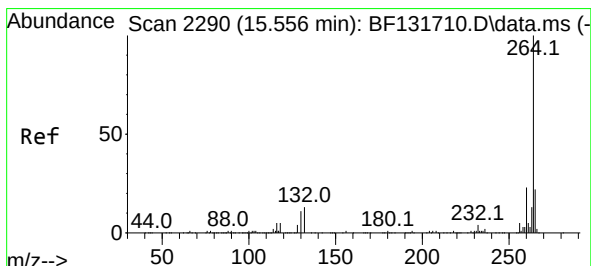
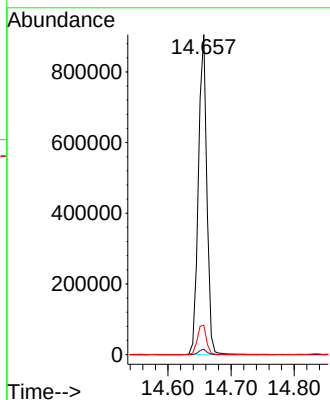
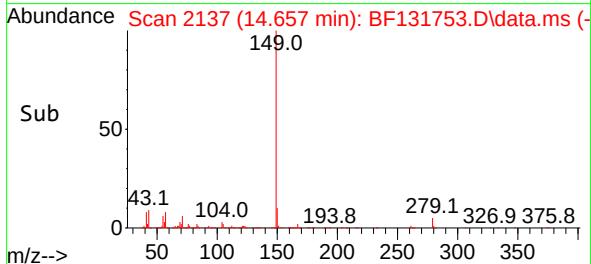
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



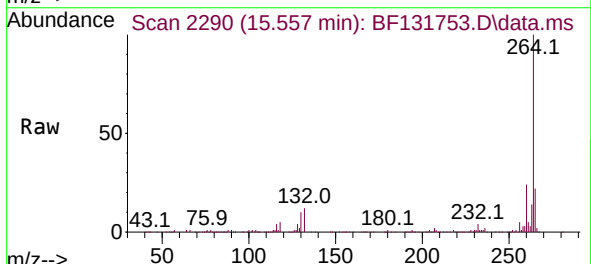
Tgt Ion:149 Resp: 843397
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.8 8.3 12.5

Manual Integrations
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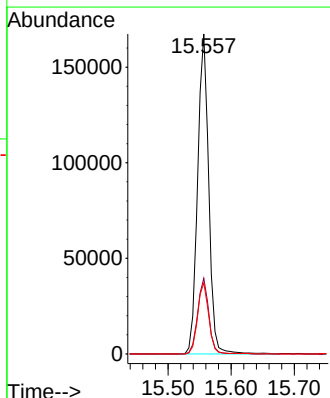
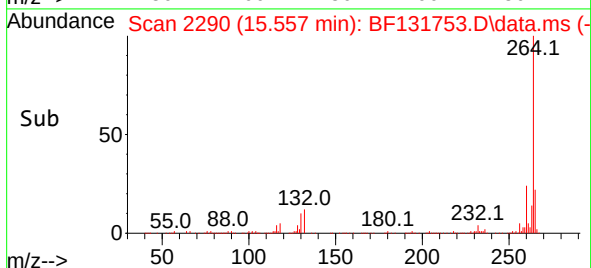
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

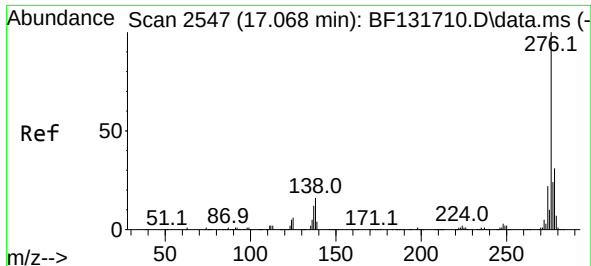


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



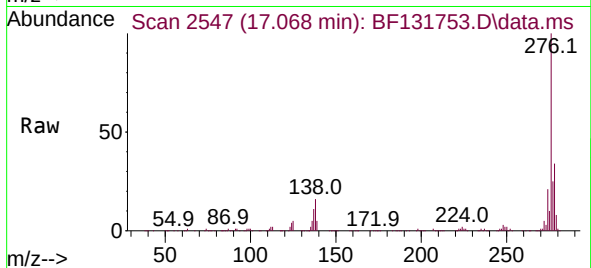
Tgt Ion:264 Resp: 204349
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 42.132 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

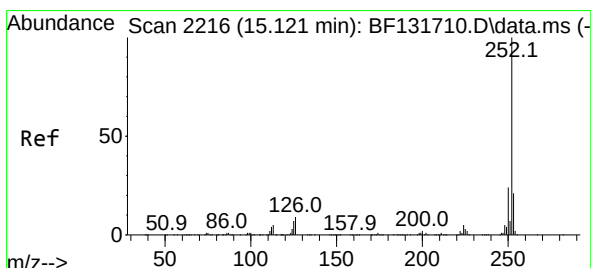
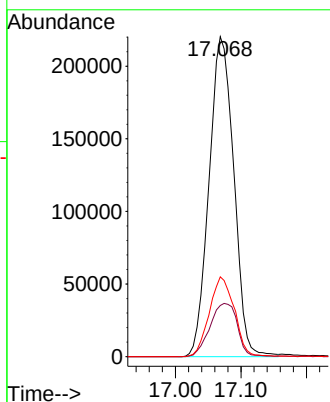
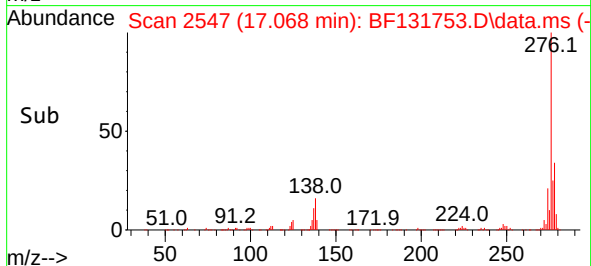
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



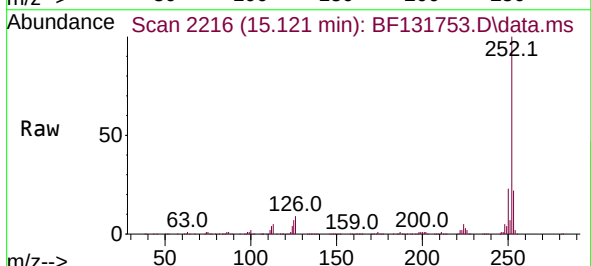
Tgt Ion:276 Resp: 57829
Ion Ratio Lower Upper
276 100
138 18.5 14.4 21.6
277 25.3 19.8 29.8

Manual Integrations
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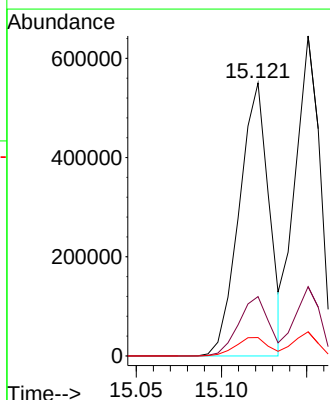
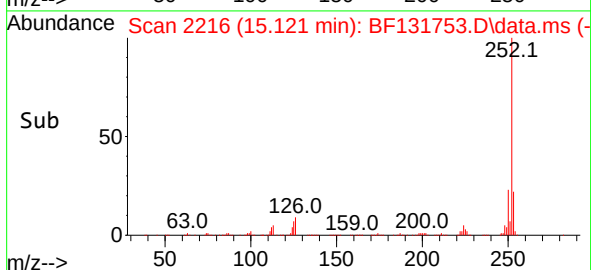
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

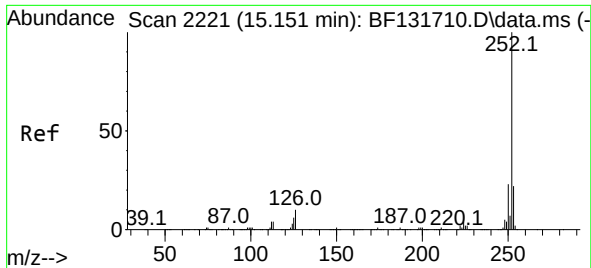


#88
Benzo(b)fluoranthene
Concen: 46.321 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



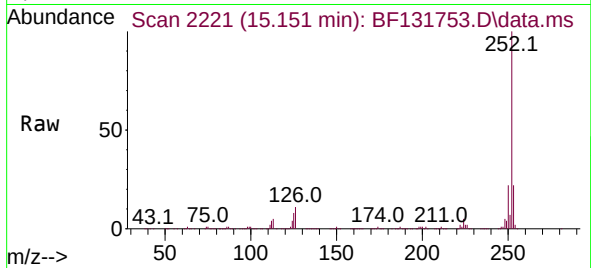
Tgt Ion:252 Resp: 669679
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 6.7 5.5 8.3





#89
Benzo(k)fluoranthene
Concen: 47.242 ng
RT: 15.151 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

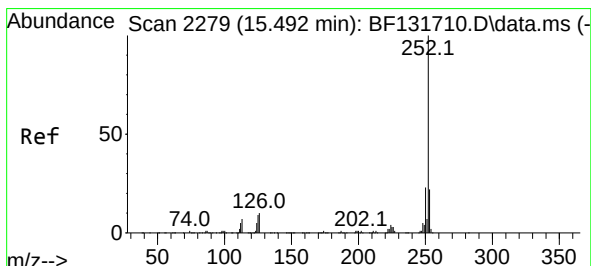
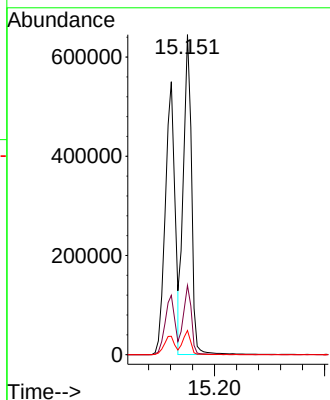
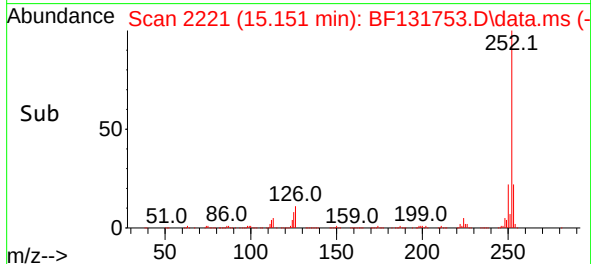
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



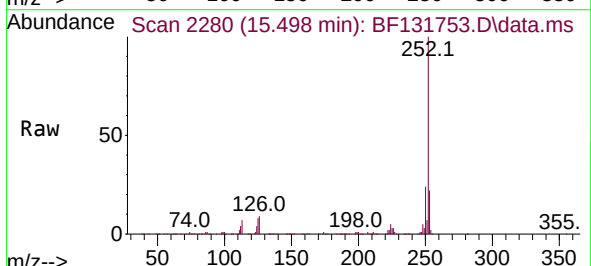
Tgt Ion:252 Resp: 666465
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 7.5 5.2 7.8

Manual Integrations
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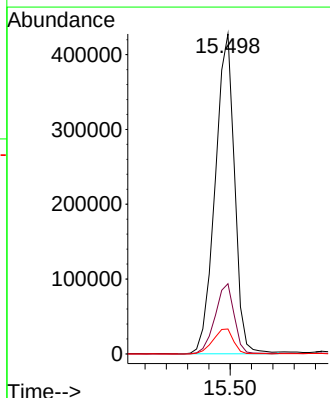
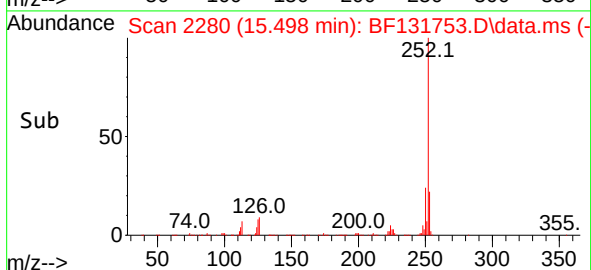
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

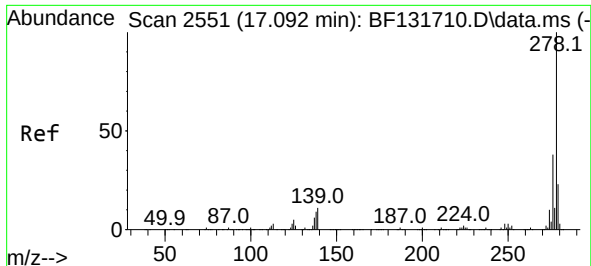


#90
Benzo(a)pyrene
Concen: 47.296 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



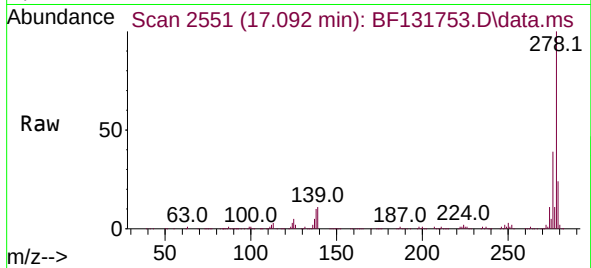
Tgt Ion:252 Resp: 541622
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 7.8 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 43.889 ng
RT: 17.092 min Scan# 2551
Delta R.T. 0.000 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23

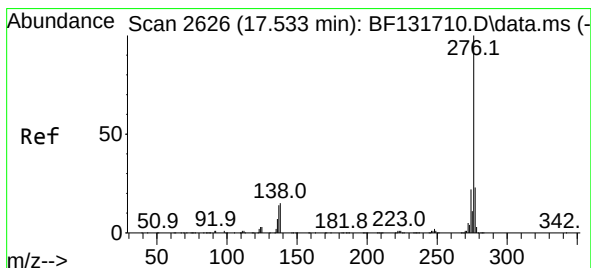
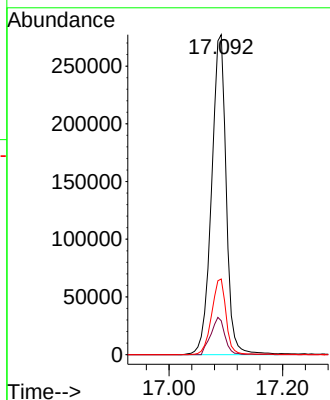
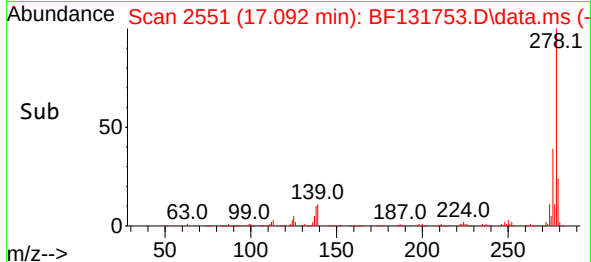
Instrument :
BNA_F
ClientSampleId :
PB149691BSD



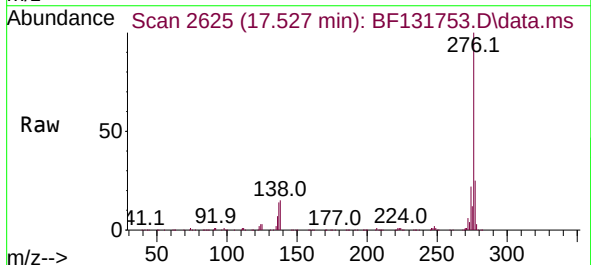
Tgt Ion:278 Resp: 497836
Ion Ratio Lower Upper
278 100
139 10.6 8.7 13.1
279 23.7 18.7 28.1

Manual Integrations
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Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022



#92
Benzo(g,h,i)perylene
Concen: 41.806 ng
RT: 17.527 min Scan# 2625
Delta R.T. -0.006 min
Lab File: BF131753.D
Acq: 21 Dec 2022 19:23



Tgt Ion:276 Resp: 468705
Ion Ratio Lower Upper
276 100
277 24.6 18.3 27.5
138 15.4 12.3 18.5

