

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042523\
 Data File : BF133036.D
 Acq On : 25 Apr 2023 19:57
 Operator : CG\JU
 Sample : 02477-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)MS

Quant Time: Apr 26 02:16:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 18:24:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/26/2023
 Supervised By : Jagrut Upadhyay 04/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	197294	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	780160	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	421810	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	761307	20.000	ng	0.00
76) Chrysene-d12	13.898	240	447752	20.000	ng	0.00
86) Perylene-d12	15.315	264	421455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1106726	84.738	ng	0.00
7) Phenol-d6	6.386	99	1372386	84.658	ng	0.00
23) Nitrobenzene-d5	7.310	82	823987	57.009	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	369691	87.148	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1490031	59.098	ng	0.00
79) Terphenyl-d14	12.845	244	1760104	67.796	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	264449	43.653	ng	97
3) Pyridine	3.175	79	668251	41.532	ng	97
4) n-Nitrosodimethylamine	3.134	42	360154	43.215	ng	95
6) Aniline	6.404	93	524933	25.142	ng	# 70
8) 2-Chlorophenol	6.528	128	649205	48.957	ng	97
9) Benzaldehyde	6.286	77	381420	60.538	ng	98
10) Phenol	6.398	94	783460	43.809	ng	86
11) bis(2-Chloroethyl)ether	6.481	93	616264	45.921	ng	98
12) 1,3-Dichlorobenzene	6.681	146	677486	48.054	ng	99
13) 1,4-Dichlorobenzene	6.757	146	682046	48.270	ng	99
14) 1,2-Dichlorobenzene	6.916	146	648950	49.817	ng	99
15) Benzyl Alcohol	6.892	79	525309	46.911	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	1024941	43.972	ng	96
17) 2-Methylphenol	7.004	107	563443	46.402	ng	99
18) Hexachloroethane	7.257	117	234471	47.730	ng	99
19) n-Nitroso-di-n-propyla...	7.163	70	421488	41.764	ng	99
20) 3+4-Methylphenols	7.163	107	648504	45.350	ng	# 73
22) Acetophenone	7.151	105	850215	47.046	ng	# 97
24) Nitrobenzene	7.328	77	659818	45.050	ng	100
25) Isophorone	7.569	82	1212648	44.189	ng	99
26) 2-Nitrophenol	7.645	139	350630	49.634	ng	93
27) 2,4-Dimethylphenol	7.686	122	575039	47.472	ng	99
28) bis(2-Chloroethoxy)met...	7.780	93	708144	43.619	ng	99
29) 2,4-Dichlorophenol	7.886	162	518381	47.009	ng	99
30) 1,2,4-Trichlorobenzene	7.969	180	528869	46.294	ng	99
31) Naphthalene	8.051	128	1722878	44.170	ng	99
32) Benzoic acid	7.798	122	259576m	34.692	ng	
33) 4-Chloroaniline	8.098	127	119311	7.571	ng	98
34) Hexachlorobutadiene	8.169	225	286505	45.249	ng	98
35) Caprolactam	8.475	113	188165m	50.794	ng	
36) 4-Chloro-3-methylphenol	8.586	107	588800	49.514	ng	99
37) 2-Methylnaphthalene	8.739	142	1165472	43.704	ng	98
38) 1-Methylnaphthalene	8.839	142	1109316	44.468	ng	99
40) 1,2,4,5-Tetrachloroben...	8.910	216	487595	42.993	ng	99
41) Hexachlorocyclopentadiene	8.898	237	604910	91.455	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	354929	45.253	ng	98

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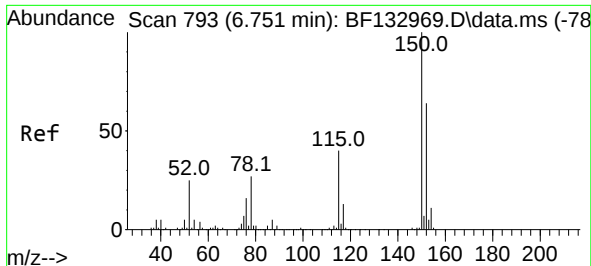
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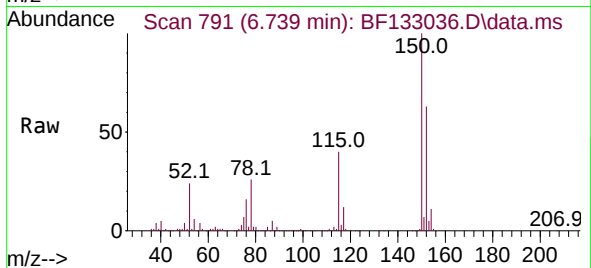
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.063	196	389393	42.927	ng	96
46) 1,1'-Biphenyl	9.204	154	1464382	43.781	ng	100
47) 2-Chloronaphthalene	9.227	162	1116867	45.621	ng	99
48) 2-Nitroaniline	9.322	65	361895	44.728	ng	93
49) Acenaphthylene	9.645	152	1714776	43.836	ng	99
50) Dimethylphthalate	9.510	163	1316741	44.769	ng	99
51) 2,6-Dinitrotoluene	9.569	165	310110	46.845	ng	85
52) Acenaphthene	9.816	154	1216913	46.449	ng	99
53) 3-Nitroaniline	9.733	138	153012	19.440	ng	95
54) 2,4-Dinitrophenol	9.839	184	268533	80.702	ng	96
55) Dibenzofuran	9.986	168	1570044	43.932	ng	98
56) 4-Nitrophenol	9.904	139	550349	90.275	ng	93
57) 2,4-Dinitrotoluene	9.969	165	411341	48.724	ng	96
58) Fluorene	10.327	166	1144720	43.720	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.104	232	327666	46.594	ng	97
60) Diethylphthalate	10.210	149	1245240	44.823	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	551571	43.228	ng	98
62) 4-Nitroaniline	10.351	138	349840	48.358	ng	97
63) Azobenzene	10.480	77	1355303	46.052	ng	99
65) 4,6-Dinitro-2-methylph...	10.374	198	213909	46.356	ng	79
66) n-Nitrosodiphenylamine	10.445	169	1059996	42.924	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	364998	44.206	ng	96
68) Hexachlorobenzene	10.874	284	399472	47.215	ng	97
69) Atrazine	10.974	200	367733	51.679	ng	99
70) Pentachlorophenol	11.069	266	440421	73.091	ng	98
71) Phenanthrene	11.286	178	1792846	43.816	ng	100
72) Anthracene	11.339	178	1812958	43.295	ng	100
73) Carbazole	11.492	167	1685733	45.210	ng	99
74) Di-n-butylphthalate	11.827	149	1959320	46.434	ng	100
75) Fluoranthene	12.474	202	1833003	44.636	ng	97
77) Benzidine	12.592	184	648116	85.597	ng	# 93
78) Pyrene	12.698	202	1870593	48.735	ng	99
80) Butylbenzylphthalate	13.327	149	761949	56.066	ng	99
81) Benzo(a)anthracene	13.886	228	1375077	44.659	ng	99
82) 3,3'-Dichlorobenzidine	13.851	252	141210	16.601	ng	96
83) Chrysene	13.927	228	1352495	43.937	ng	99
84) Bis(2-ethylhexyl)phtha...	13.892	149	807406	47.332	ng	98
85) Di-n-octyl phthalate	14.498	149	1297832	46.660	ng	98
87) Indeno(1,2,3-cd)pyrene	16.703	276	1474350	61.500	ng	99
88) Benzo(b)fluoranthene	14.915	252	1193406	44.509	ng	98
89) Benzo(k)fluoranthene	14.945	252	1109994	41.762	ng	99
90) Benzo(a)pyrene	15.262	252	1037900	42.528	ng	99
91) Dibenzo(a,h)anthracene	16.727	278	1210254	60.528	ng	98
92) Benzo(g,h,i)perylene	17.127	276	1230802	62.351	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

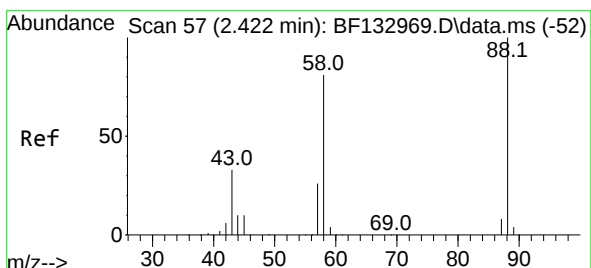
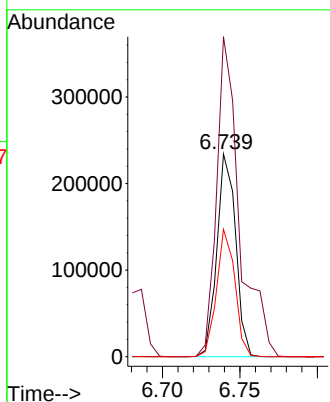
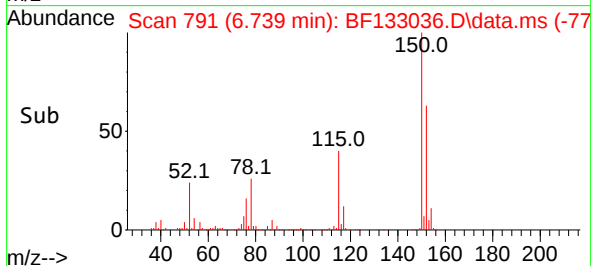
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:152 Resp: 197294
Ion Ratio Lower Upper
152 100
150 157.9 124.8 187.2
115 62.8 49.9 74.9

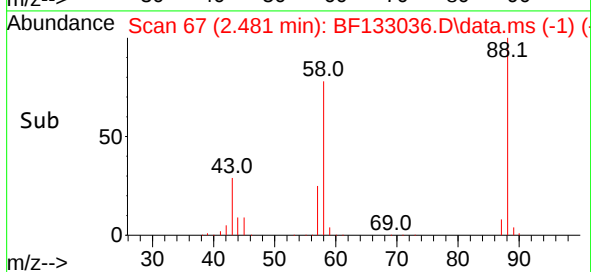
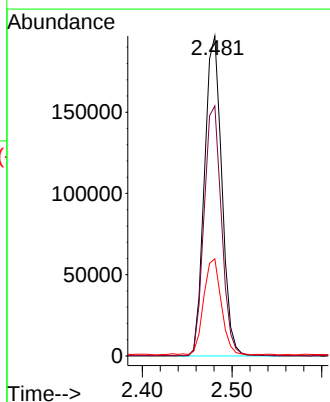
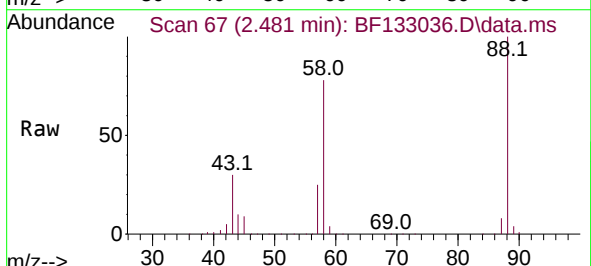
Manual Integrations
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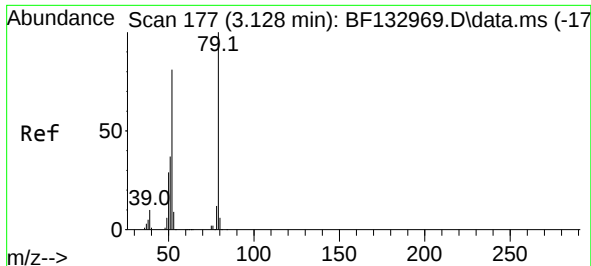
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#2
1,4-Dioxane
Concen: 43.653 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.076 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

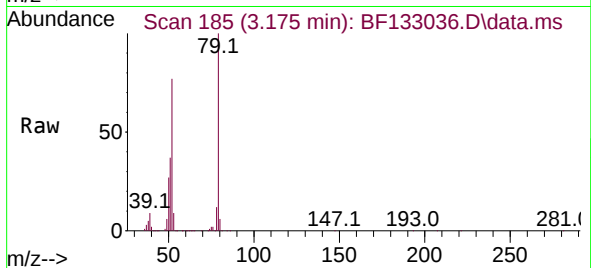
Tgt Ion: 88 Resp: 264449
Ion Ratio Lower Upper
88 100
58 78.5 64.7 97.1
43 30.4 26.2 39.2





#3
Pyridine
Concen: 41.532 ng
RT: 3.175 min Scan# 177
Delta R.T. 0.071 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

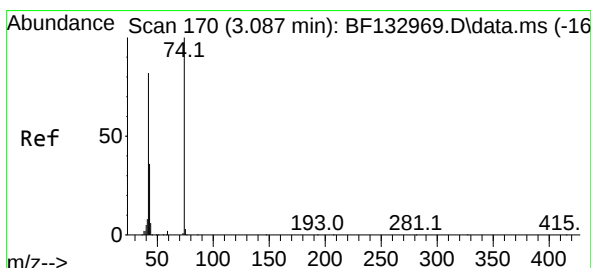
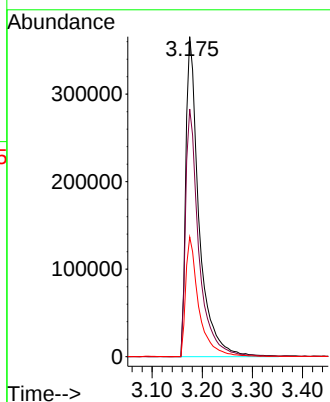
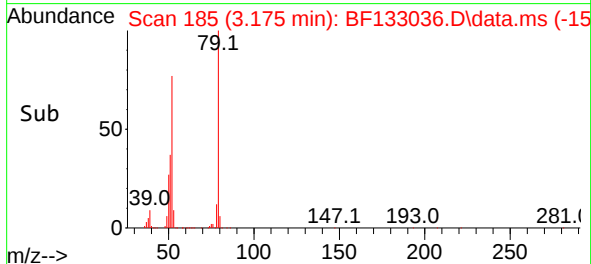
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



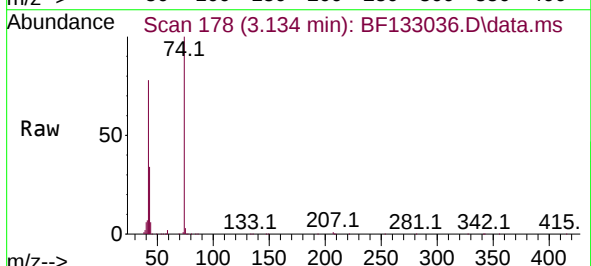
Tgt Ion: 79 Resp: 66825
Ion Ratio Lower Upper
79 100
52 77.4 64.6 96.8
51 37.4 30.0 45.0

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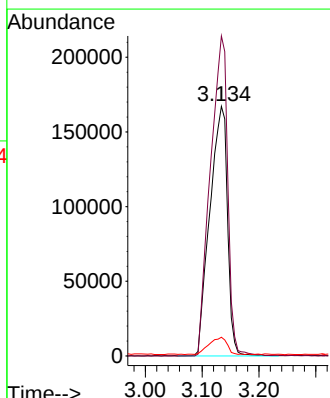
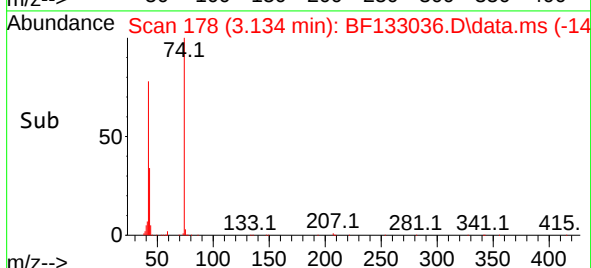
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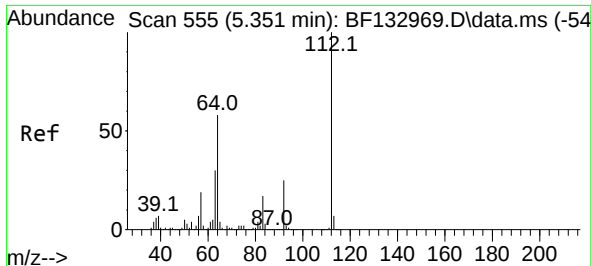


#4
n-Nitrosodimethylamine
Concen: 43.215 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.071 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



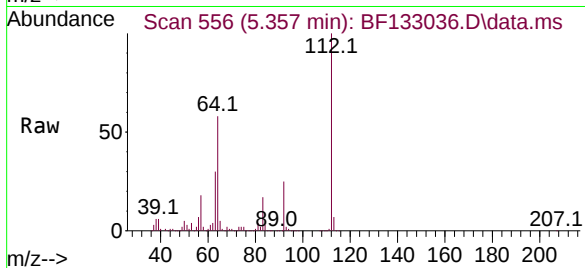
Tgt Ion: 42 Resp: 360154
Ion Ratio Lower Upper
42 100
74 128.2 98.0 147.0
44 7.5 5.8 8.8





#5
2-Fluorophenol
Concen: 84.738 ng
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

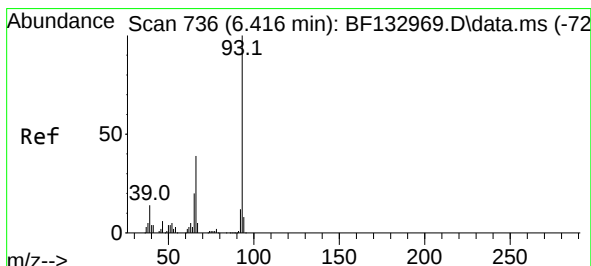
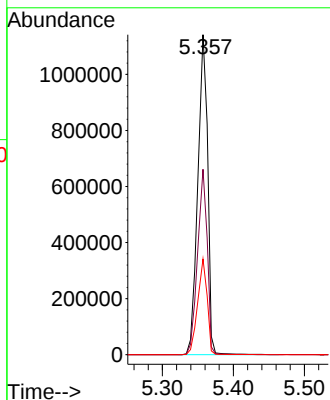
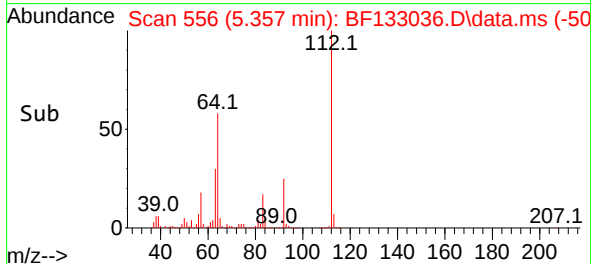
Instrument :
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E-H4(ELEV-22)MS



Tgt Ion: 112 Resp: 1106720
Ion Ratio Lower Upper
112 100
64 58.0 46.8 70.2
63 29.9 23.8 35.8

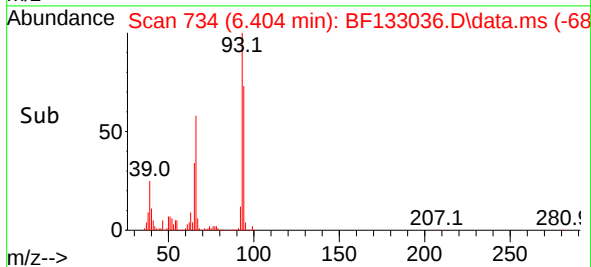
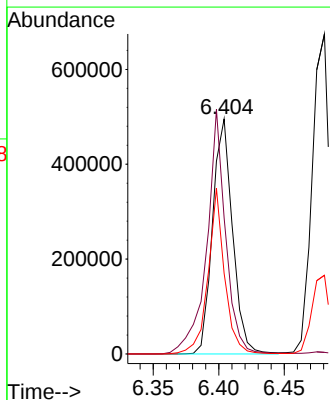
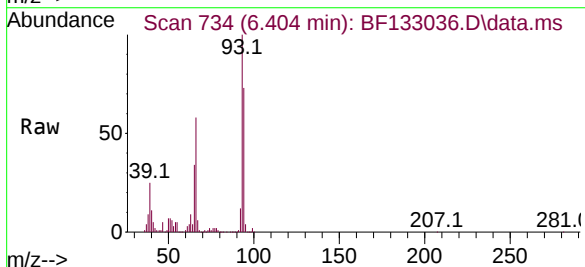
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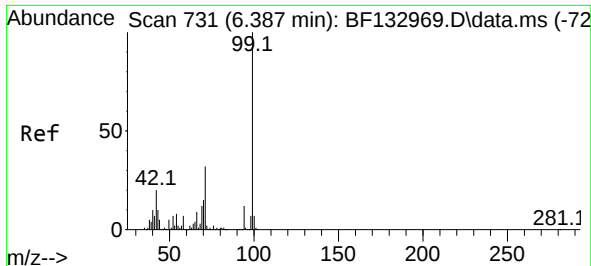
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#6
Aniline
Concen: 25.142 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

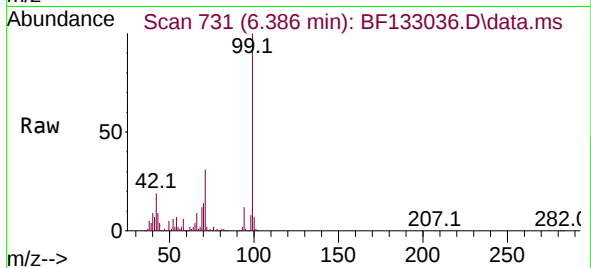
Tgt Ion: 93 Resp: 524933
Ion Ratio Lower Upper
93 100
66 57.9 31.5 47.3#
65 34.3 16.4 24.6#





#7
Phenol-d6
Concen: 84.658 ng
RT: 6.386 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

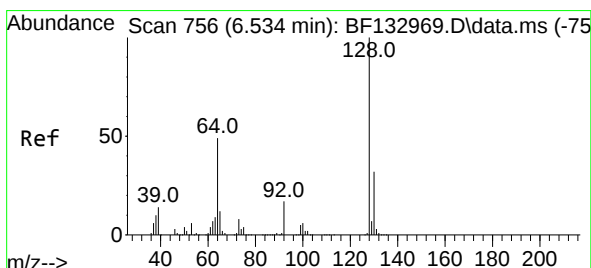
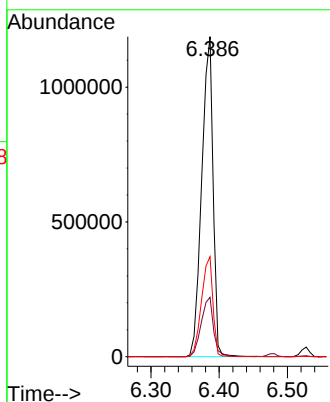
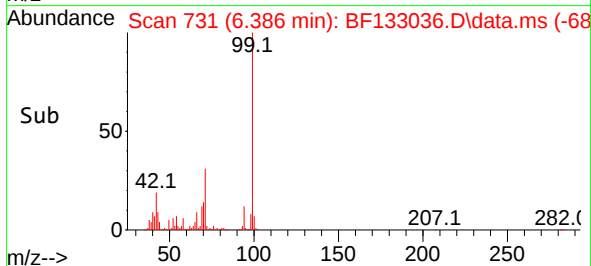
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Tgt Ion: 99 Resp: 1372380
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.2 25.6 38.4

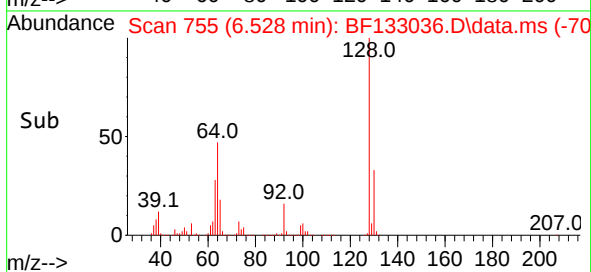
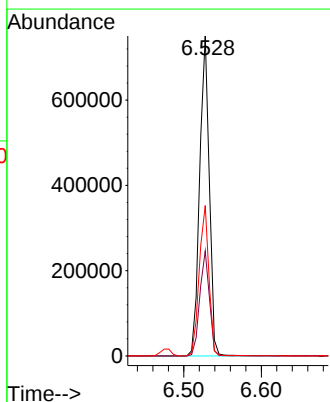
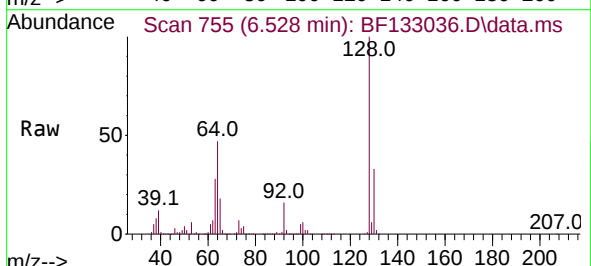
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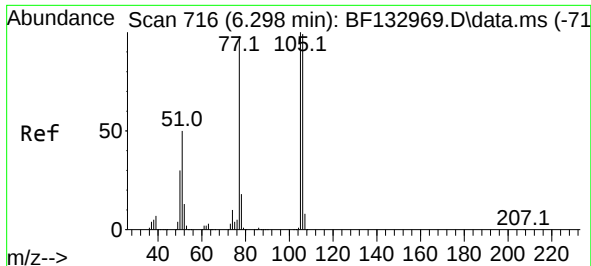
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#8
2-Chlorophenol
Concen: 48.957 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

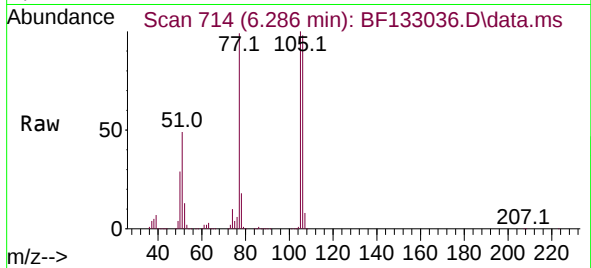
Tgt Ion:128 Resp: 649205
Ion Ratio Lower Upper
128 100
130 32.9 12.2 52.2
64 47.0 30.3 70.3





#9
Benzaldehyde
Concen: 60.538 ng
RT: 6.286 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

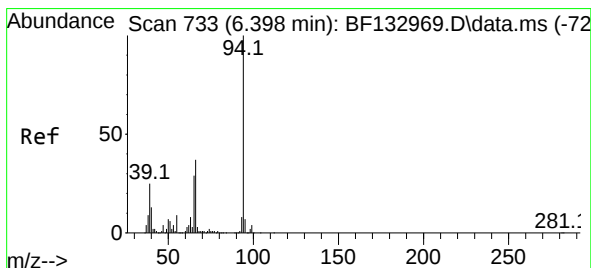
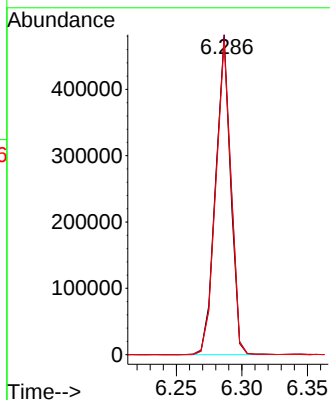
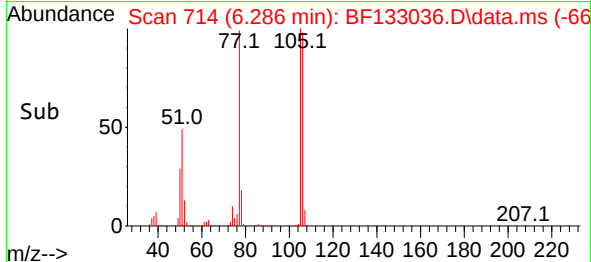
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E-H4(ELEV-22)MS



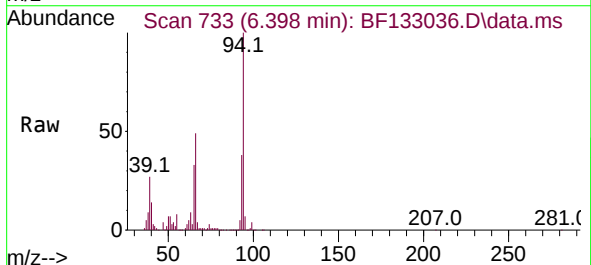
Tgt Ion: 77 Resp: 381420
Ion Ratio Lower Upper
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105 100.9 82.3 122.3
106 98.7 80.8 120.8

Manual Integrations
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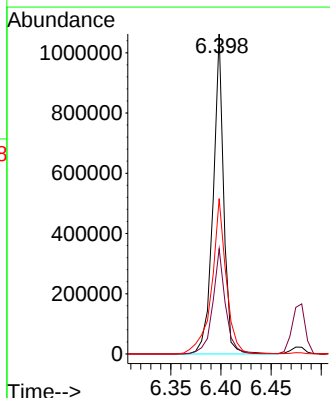
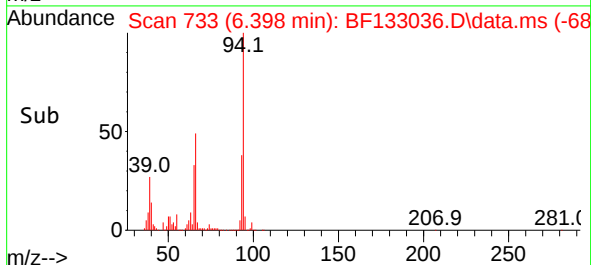
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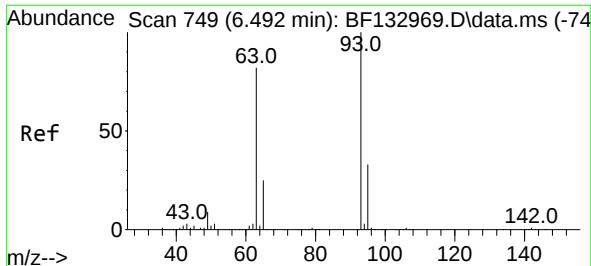


#10
Phenol
Concen: 43.809 ng
RT: 6.398 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



Tgt Ion: 94 Resp: 783460
Ion Ratio Lower Upper
94 100
65 32.9 8.6 48.6
66 48.5 17.3 57.3





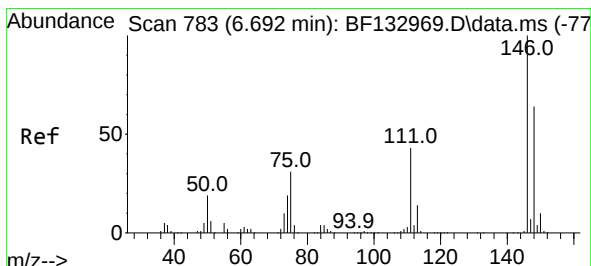
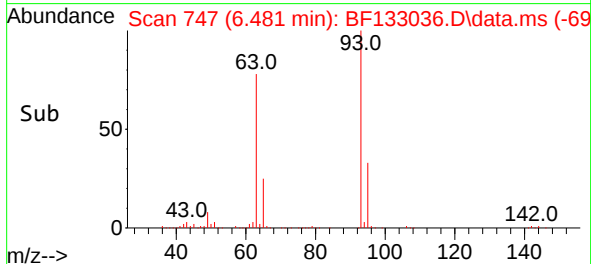
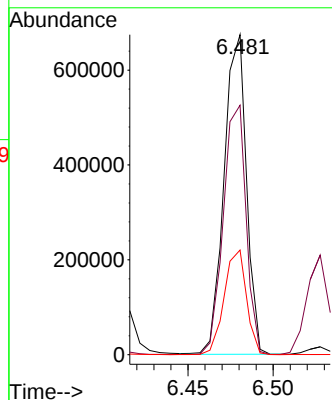
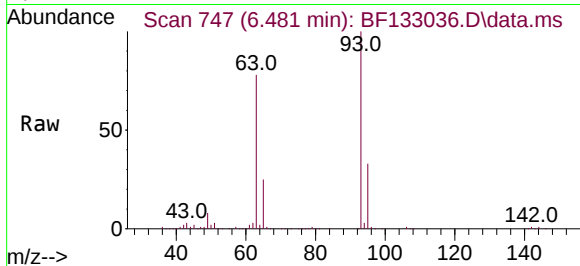
#11
bis(2-Chloroethyl)ether
Concen: 45.921 ng
RT: 6.481 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Tgt Ion: 93 Resp: 616264
Ion Ratio Lower Upper
93 100
63 78.0 60.6 100.6
95 32.7 12.9 52.9

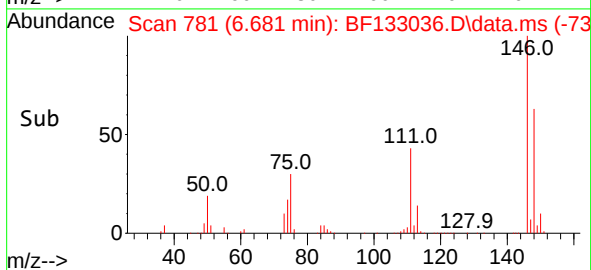
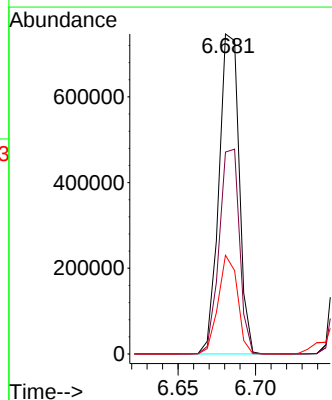
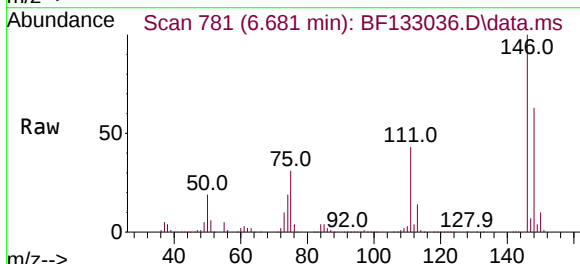
Manual Integrations
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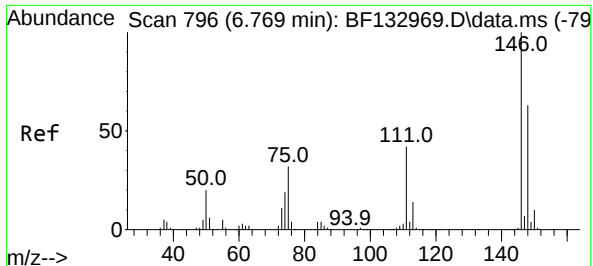
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#12
1,3-Dichlorobenzene
Concen: 48.054 ng
RT: 6.681 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:146 Resp: 677486
Ion Ratio Lower Upper
146 100
148 63.1 51.0 76.4
75 30.8 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 48.270 ng

RT: 6.757 min Scan# 796

Delta R.T. -0.006 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:146 Resp: 682040

Ion Ratio Lower Upper

146 100

148 62.5 50.3 75.5

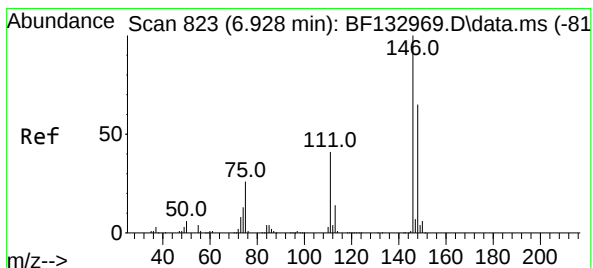
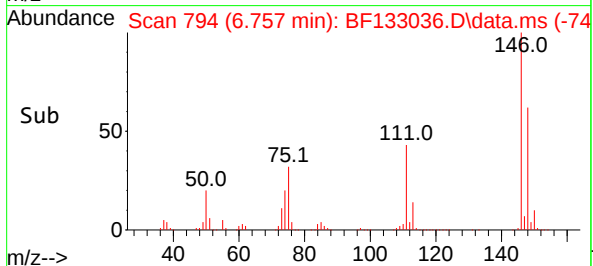
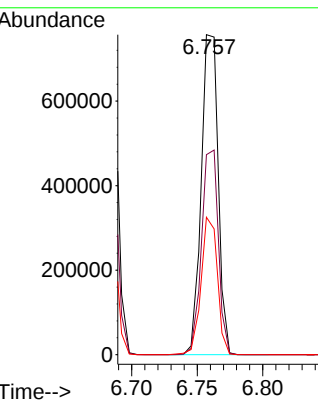
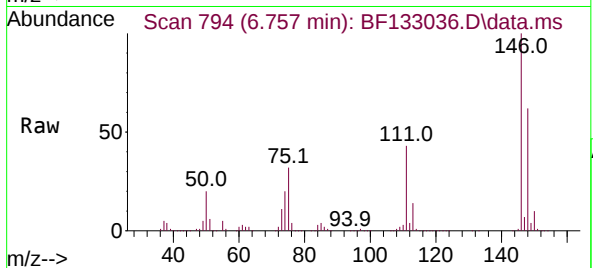
111 43.0 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#14

1,2-Dichlorobenzene

Concen: 49.817 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

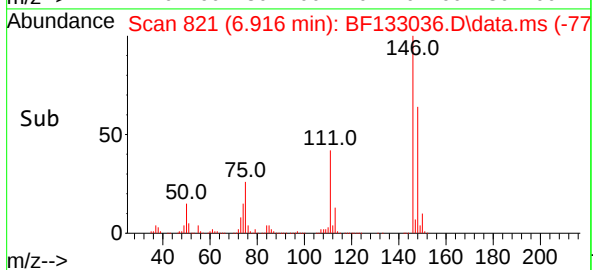
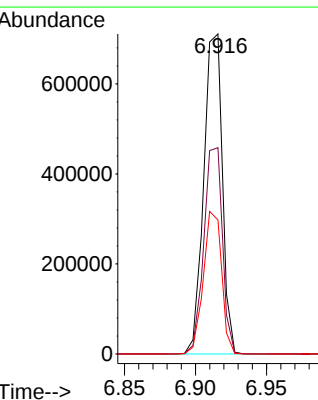
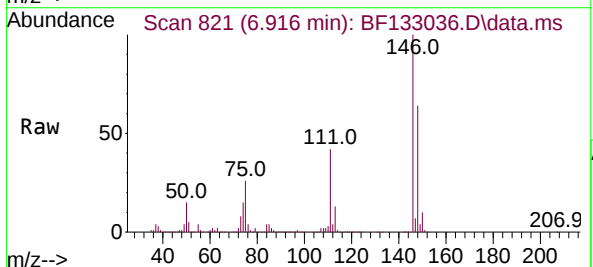
Tgt Ion:146 Resp: 648950

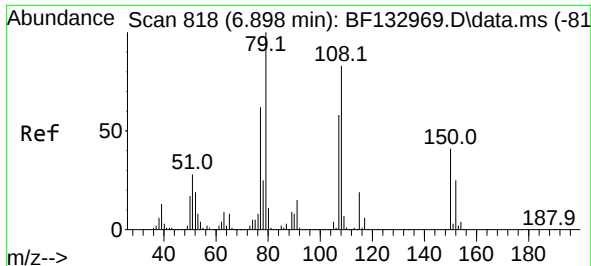
Ion Ratio Lower Upper

146 100

148 64.5 52.2 78.2

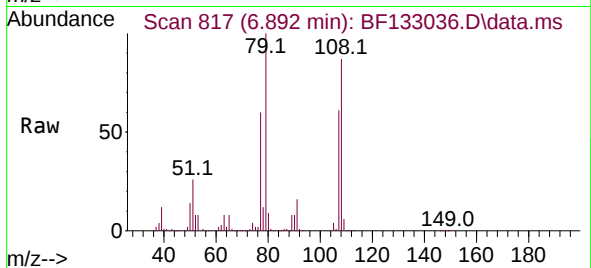
111 41.9 32.8 49.2





#15
Benzyl Alcohol
Concen: 46.911 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

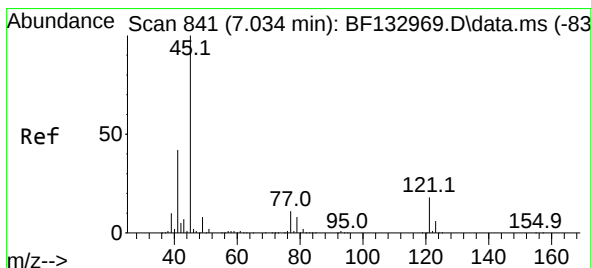
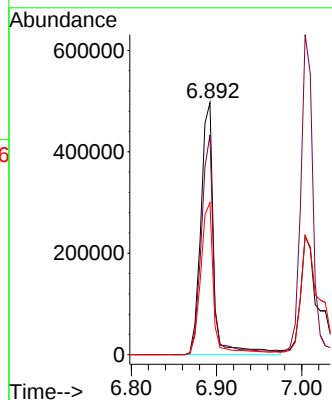
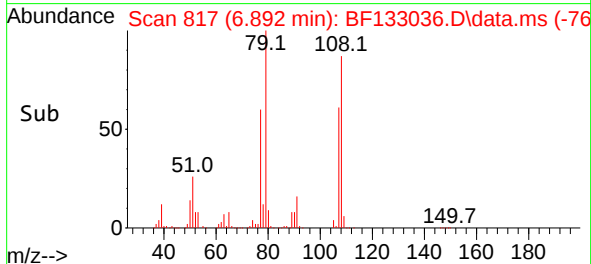
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion: 79 Resp: 525309
Ion Ratio Lower Upper
79 100
108 87.1 66.6 99.8
77 60.3 49.2 73.8

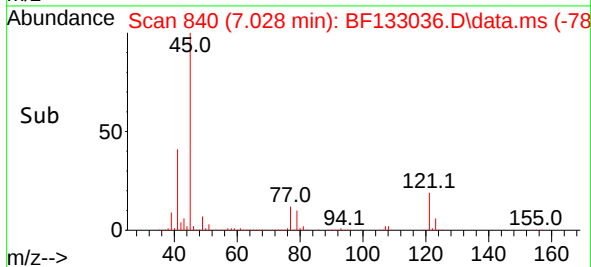
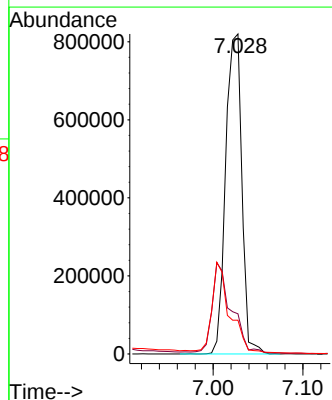
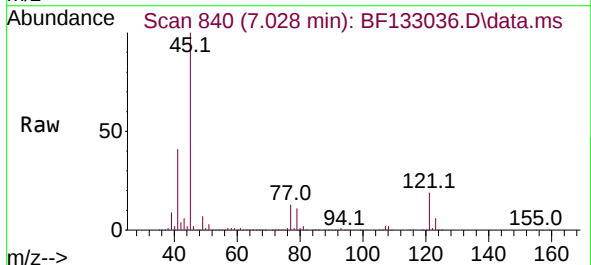
Manual Integrations
APPROVED

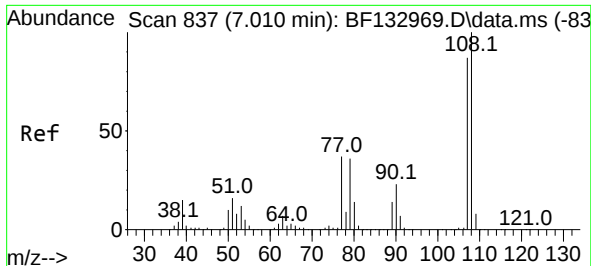
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.972 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

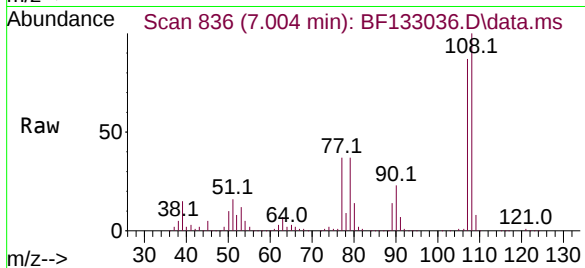
Tgt Ion: 45 Resp: 1024941
Ion Ratio Lower Upper
45 100
77 12.5 0.0 31.5
79 10.6 0.0 28.7





#17
2-Methylphenol
Concen: 46.402 ng
RT: 7.004 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

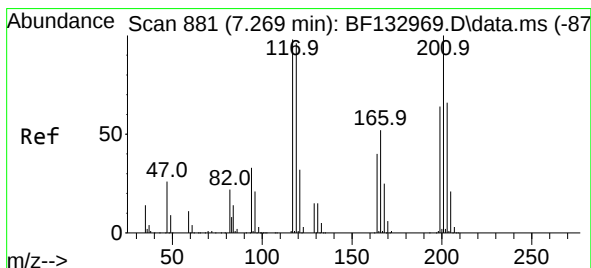
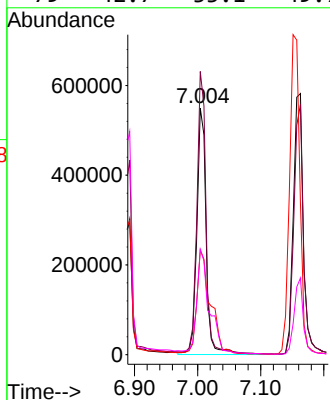
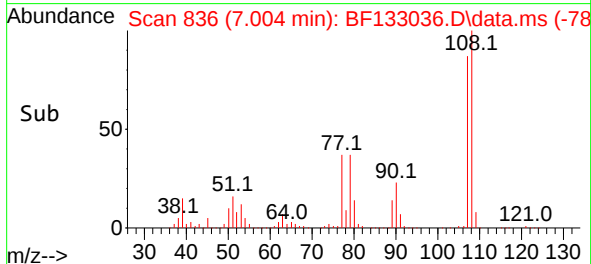
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:107 Resp: 56344
Ion Ratio Lower Upper
107 100
108 114.8 92.4 138.6
77 42.5 33.8 50.8
79 42.7 33.1 49.7

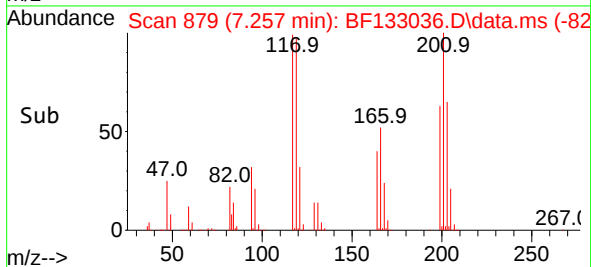
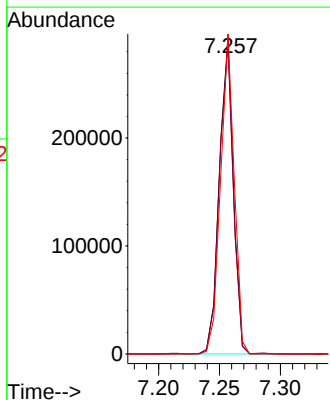
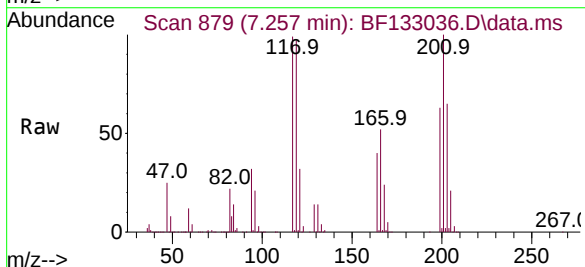
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#18
Hexachloroethane
Concen: 47.730 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:117 Resp: 234471
Ion Ratio Lower Upper
117 100
119 97.7 78.2 117.4
201 101.0 81.7 122.5





#19

n-Nitroso-di-n-propylamine

Concen: 41.764 ng

RT: 7.163 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion: 70 Resp: 421488

Ion Ratio Lower Upper

70 100

42 64.2 51.8 77.6

101 9.9 8.0 12.0

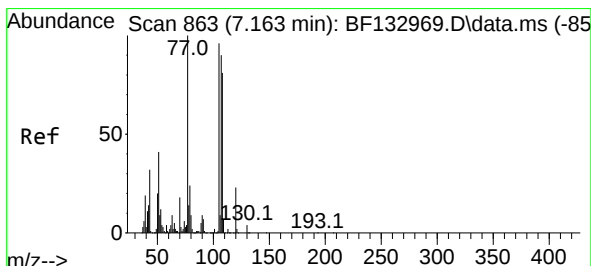
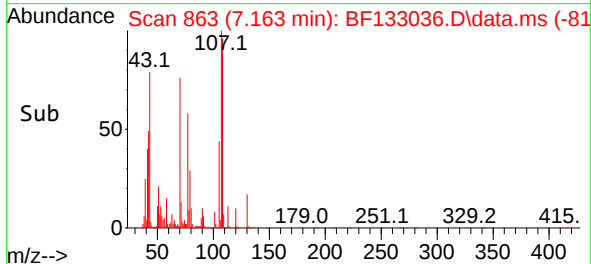
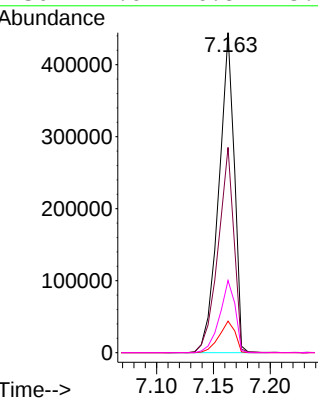
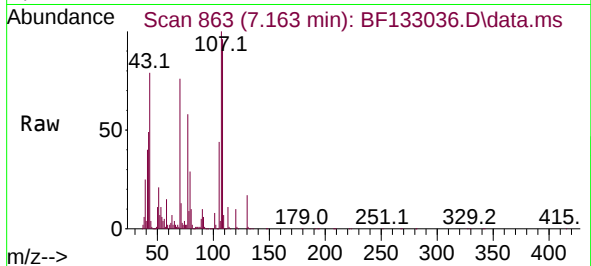
130 22.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#20

3+4-Methylphenols

Concen: 45.350 ng

RT: 7.163 min Scan# 863

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Tgt Ion:107 Resp: 648504

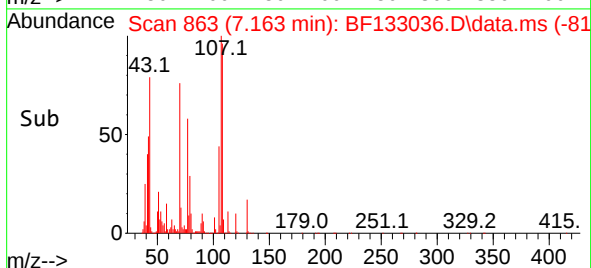
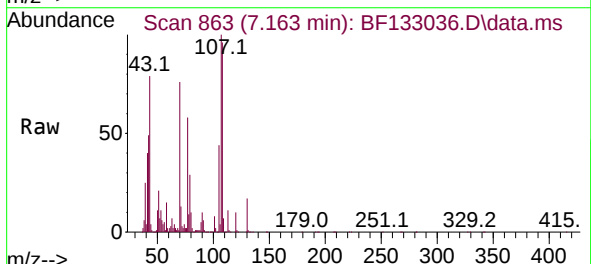
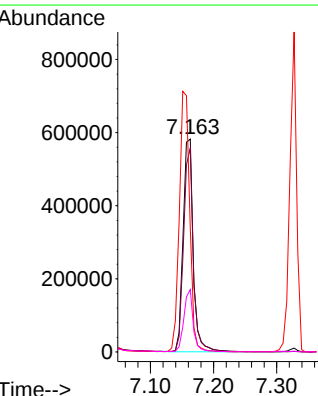
Ion Ratio Lower Upper

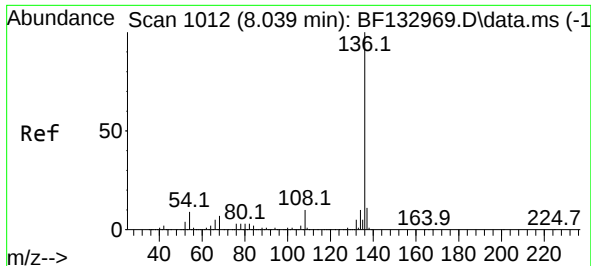
107 100

108 95.8 70.5 110.5

77 58.1 91.7 131.7#

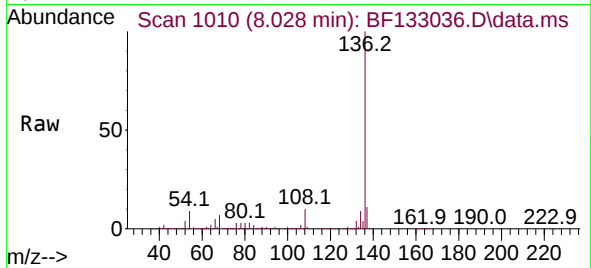
79 29.3 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

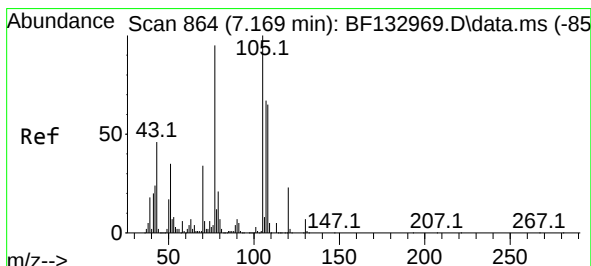
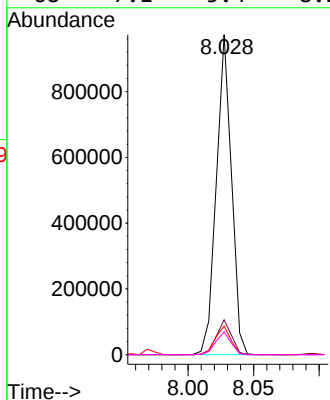
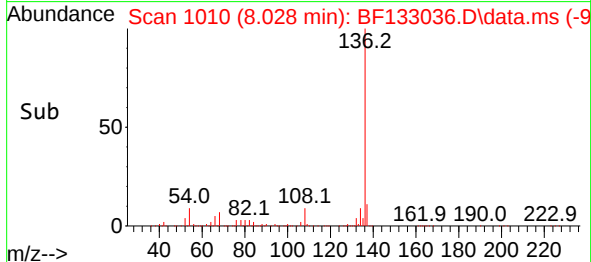
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:136 Resp: 780160
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.0 10.4
68 7.1 5.4 8.2

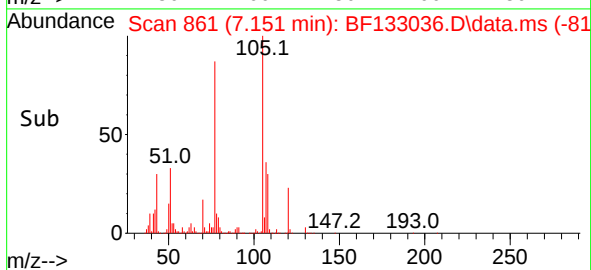
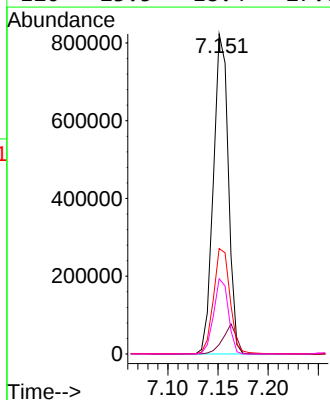
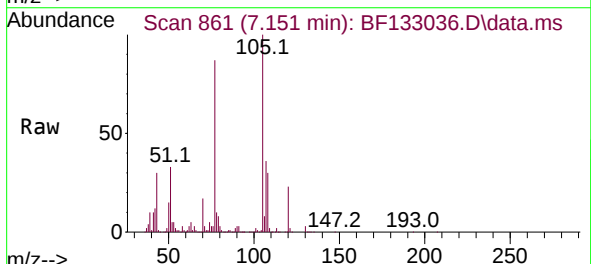
Manual Integrations
APPROVED

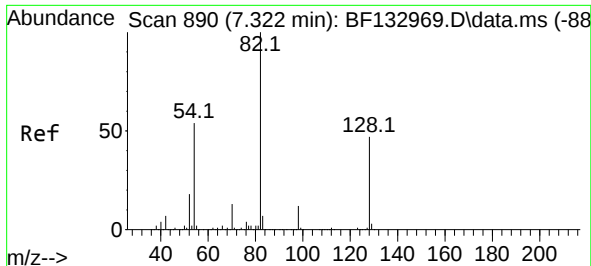
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#22
Acetophenone
Concen: 47.046 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:105 Resp: 850215
Ion Ratio Lower Upper
105 100
71 3.0 4.6 7.0#
51 32.9 28.2 42.2
120 23.5 18.4 27.6





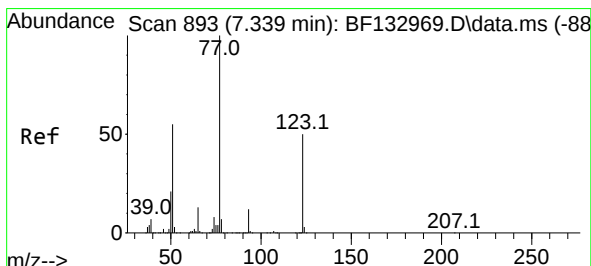
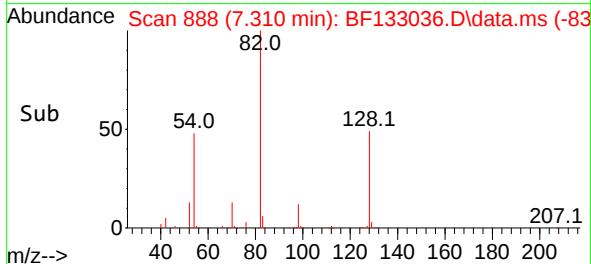
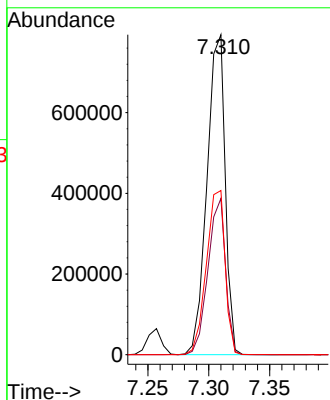
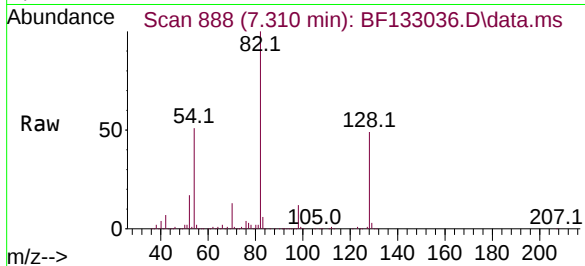
#23
Nitrobenzene-d5
Concen: 57.009 ng
RT: 7.310 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Tgt Ion: 82 Resp: 82398
Ion Ratio Lower Upper
82 100
128 48.8 37.7 56.5
54 51.3 43.0 64.4

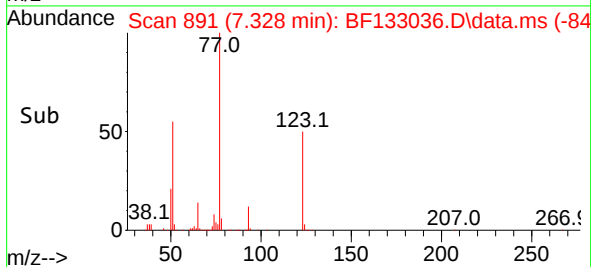
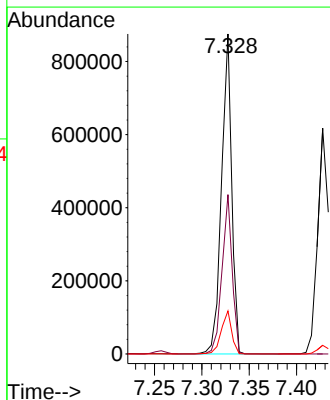
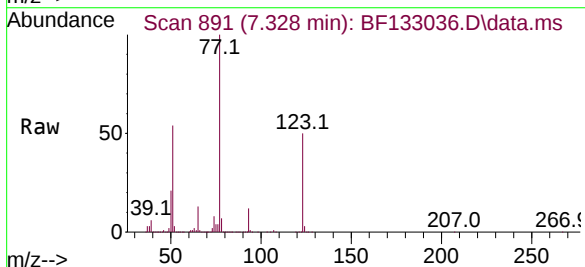
Manual Integrations
APPROVED

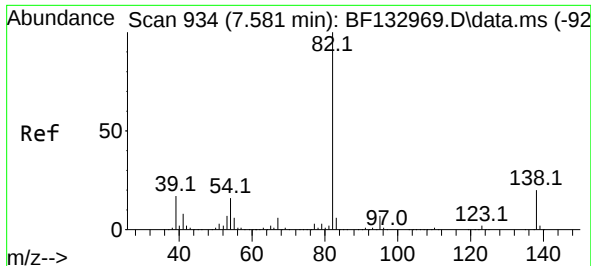
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#24
Nitrobenzene
Concen: 45.050 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

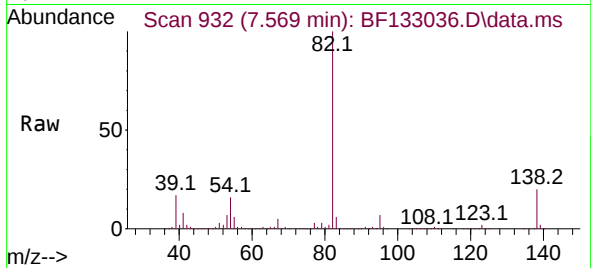
Tgt Ion: 77 Resp: 659818
Ion Ratio Lower Upper
77 100
123 49.8 39.9 59.9
65 13.4 10.7 16.1





#25
Isophorone
Concen: 44.189 ng
RT: 7.569 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

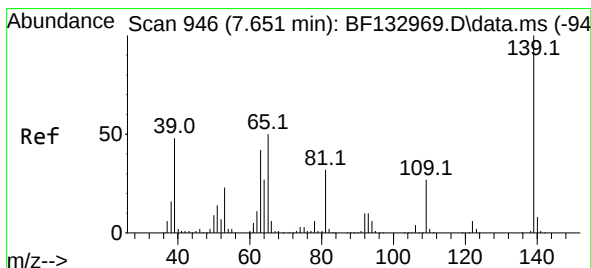
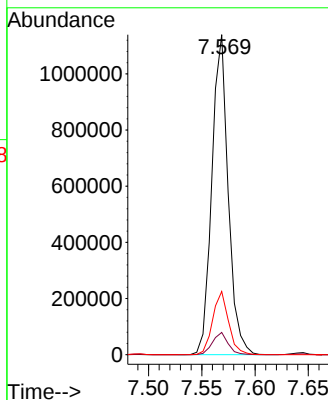
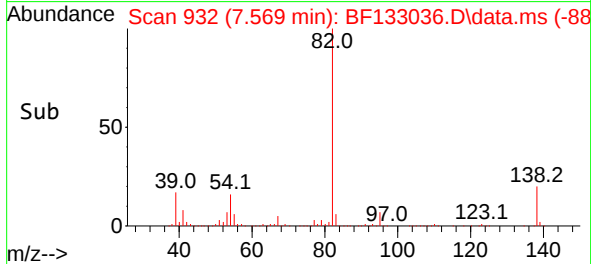
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion: 82 Resp: 121264
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 19.8 16.0 24.0

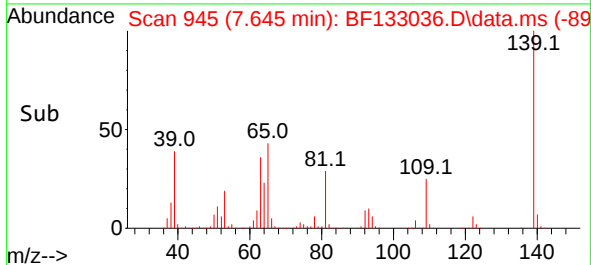
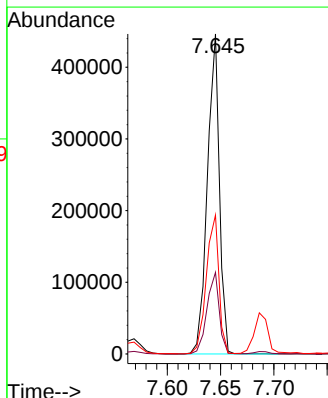
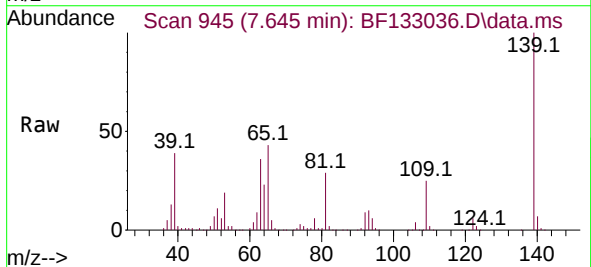
Manual Integrations
APPROVED

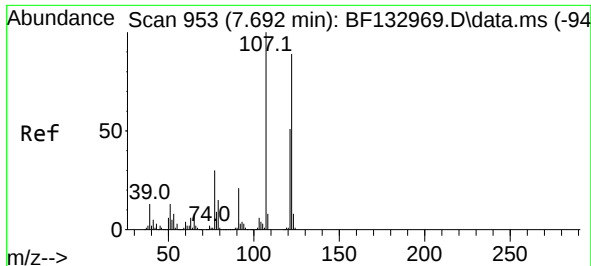
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#26
2-Nitrophenol
Concen: 49.634 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

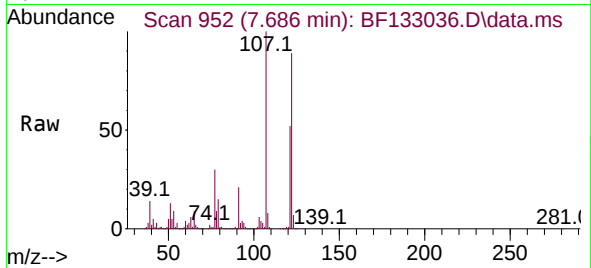
Tgt Ion:139 Resp: 350630
Ion Ratio Lower Upper
139 100
109 25.5 21.6 32.4
65 43.4 39.8 59.6





#27
2,4-Dimethylphenol
Concen: 47.472 ng
RT: 7.686 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

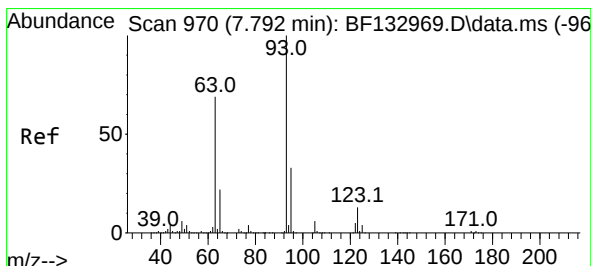
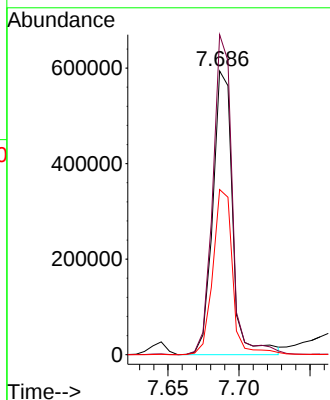
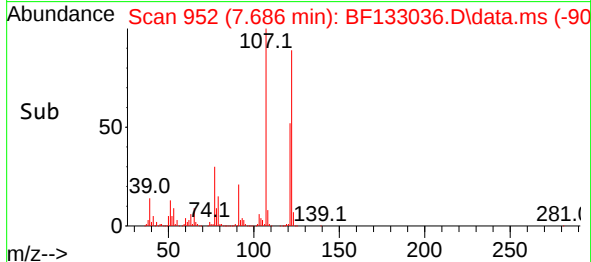
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:122 Resp: 575039
Ion Ratio Lower Upper
122 100
107 112.8 89.7 134.5
121 58.2 46.0 69.0

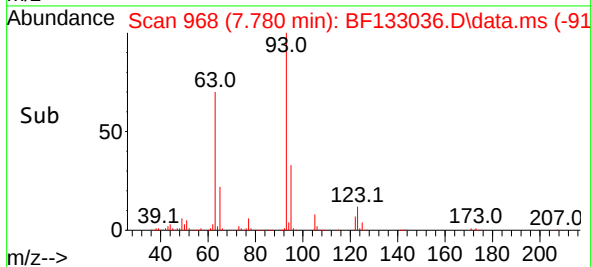
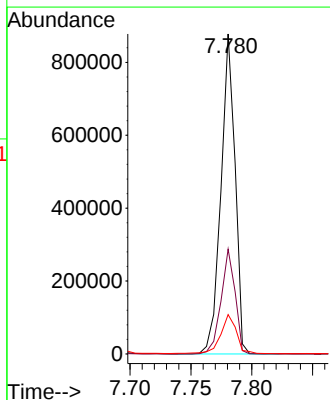
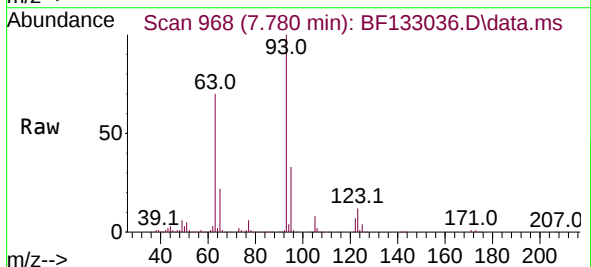
Manual Integrations
APPROVED

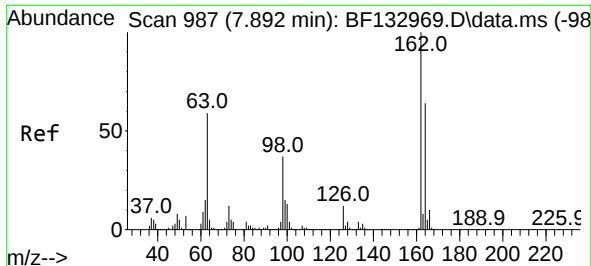
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 43.619 ng
RT: 7.780 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion: 93 Resp: 708144
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.3 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 47.009 ng

RT: 7.886 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

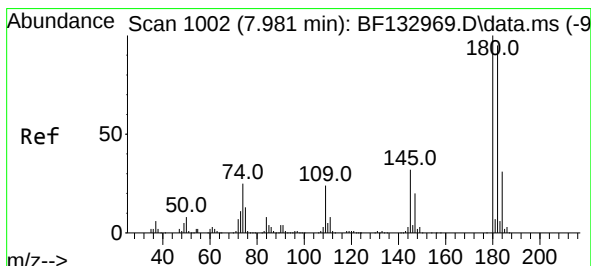
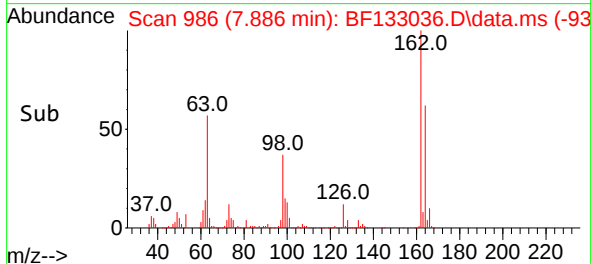
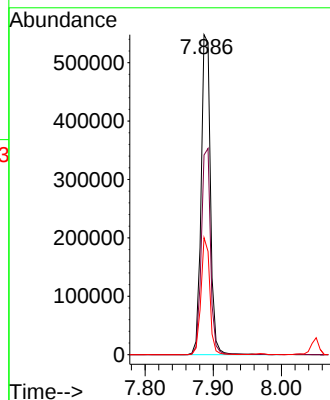
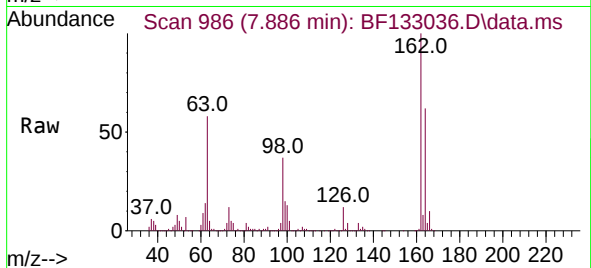
Tgt Ion:162	Resp: 51838
Ion Ratio	Lower Upper
162 100	
164 62.4	43.9 83.9
98 36.6	17.0 57.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.294 ng

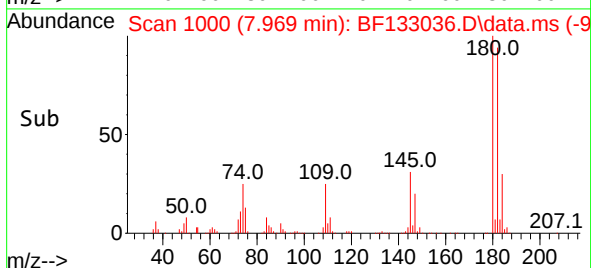
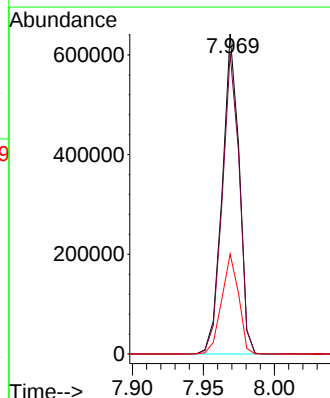
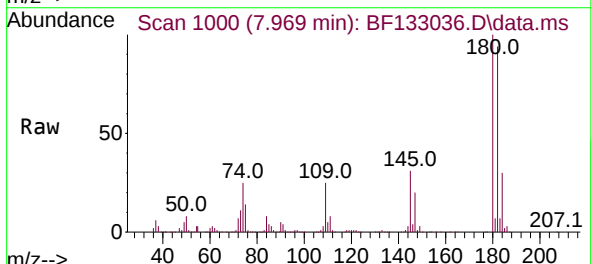
RT: 7.969 min Scan# 1000

Delta R.T. -0.006 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

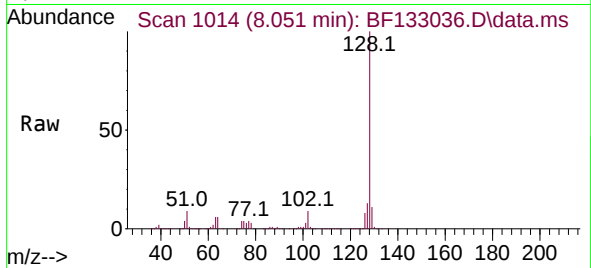
Tgt Ion:180	Resp: 528869
Ion Ratio	Lower Upper
180 100	
182 93.9	75.9 113.9
145 31.3	25.3 37.9





#31
Naphthalene
Concen: 44.170 ng
RT: 8.051 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

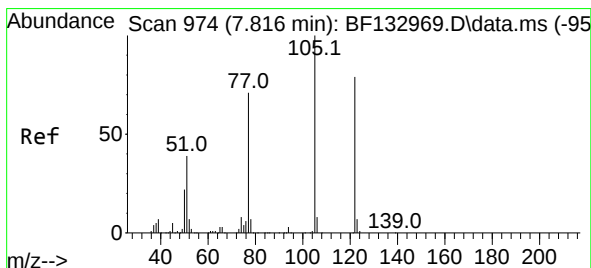
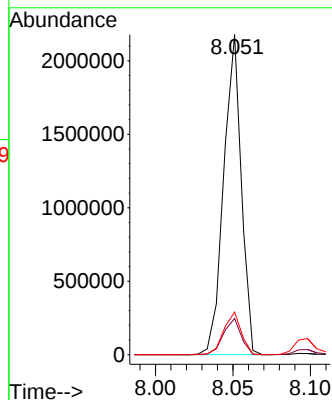
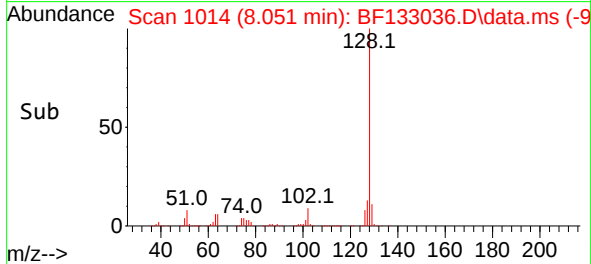
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:128 Resp: 1722878
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.3 10.7 16.1

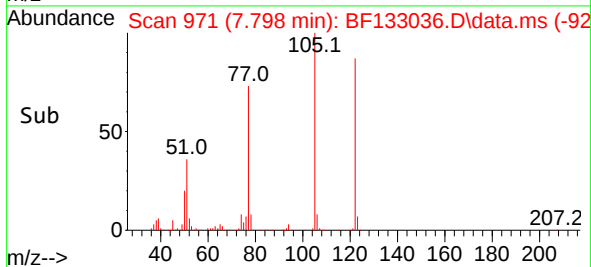
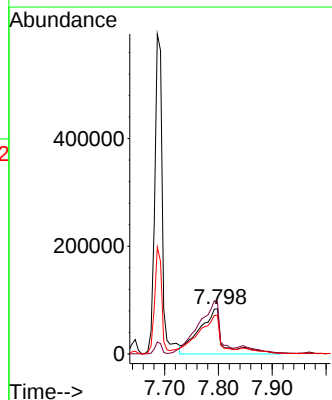
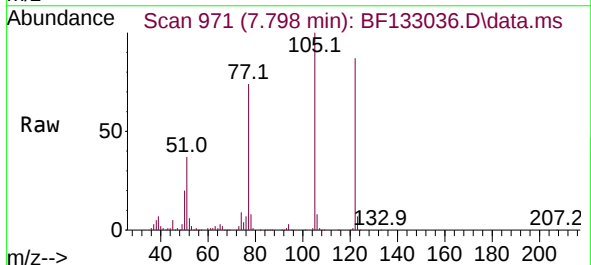
Manual Integrations
APPROVED

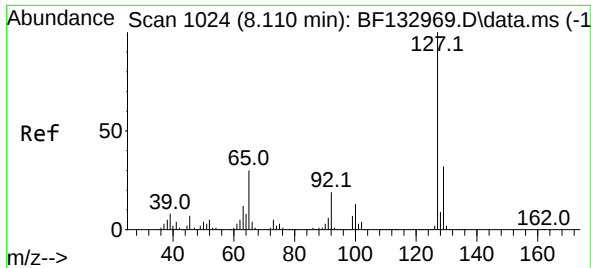
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#32
Benzoic acid
Concen: 34.692 ng m
RT: 7.798 min Scan# 971
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:122 Resp: 259576
Ion Ratio Lower Upper
122 100
105 115.5 104.2 144.2
77 85.6 69.7 109.7





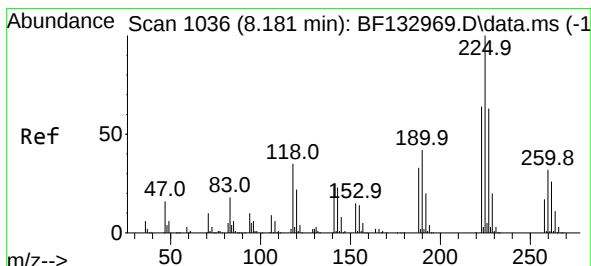
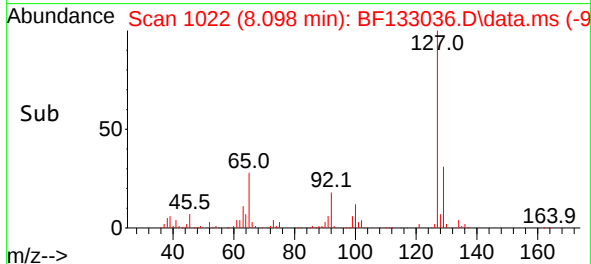
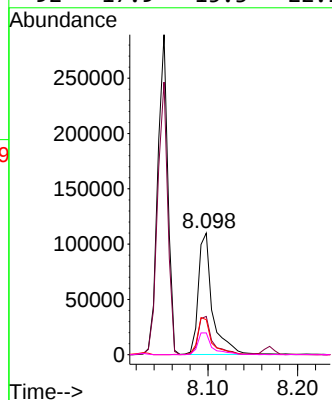
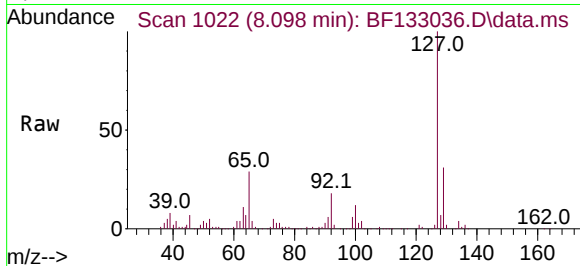
#33
4-Chloroaniline
Concen: 7.571 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Tgt Ion:127	Resp: 11931
Ion Ratio	Lower Upper
127 100	
129 31.4	25.8 38.8
65 28.8	23.6 35.4
92 17.9	15.3 22.9

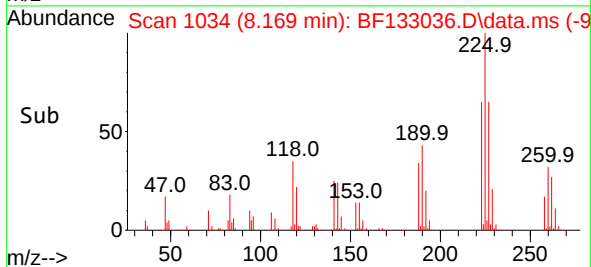
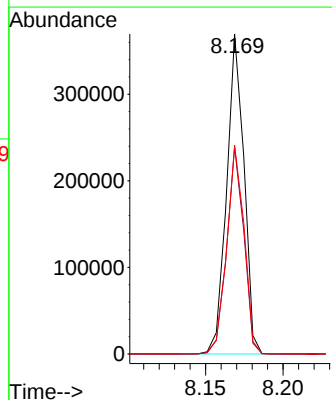
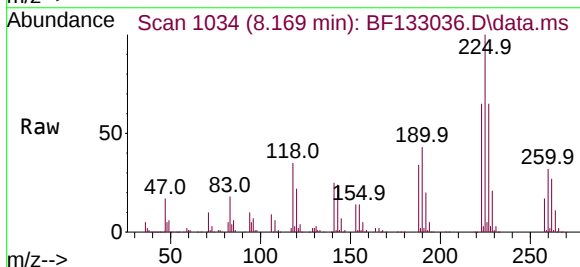
Manual Integrations
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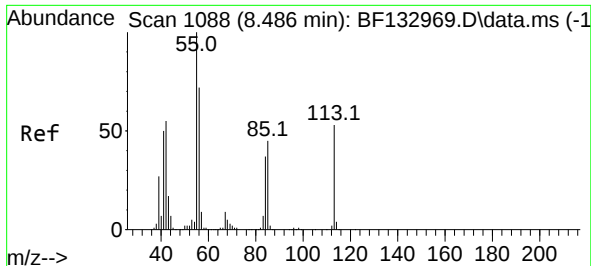
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#34
Hexachlorobutadiene
Concen: 45.249 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

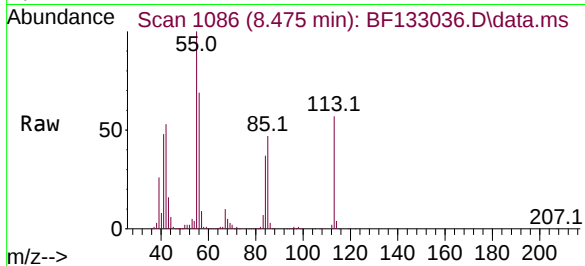
Tgt Ion:225	Resp: 286505
Ion Ratio	Lower Upper
225 100	
223 64.7	50.9 76.3
227 65.3	50.3 75.5





#35
Caprolactam
Concen: 50.794 ng m
RT: 8.475 min Scan# 1086
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

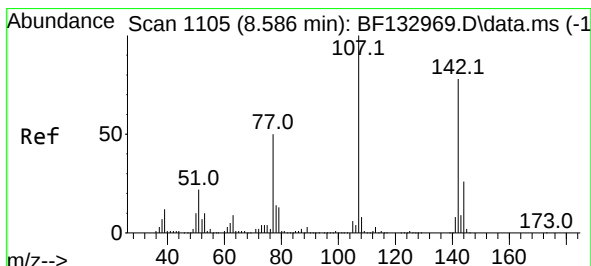
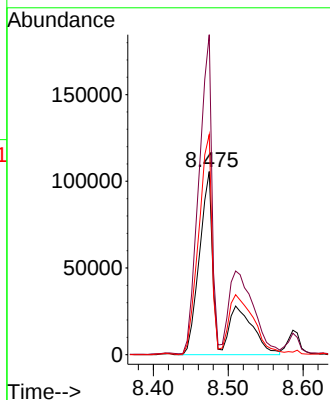
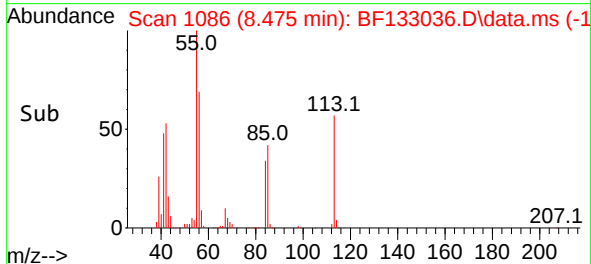
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:113 Resp: 18816
Ion Ratio Lower Upper
113 100
55 174.6 167.1 207.1
56 120.2 114.5 154.5

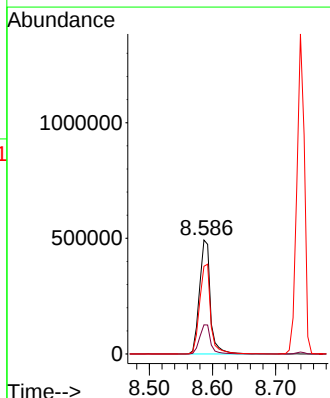
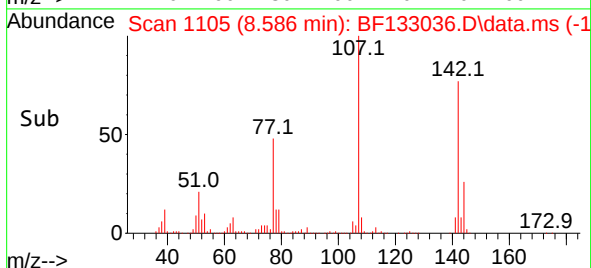
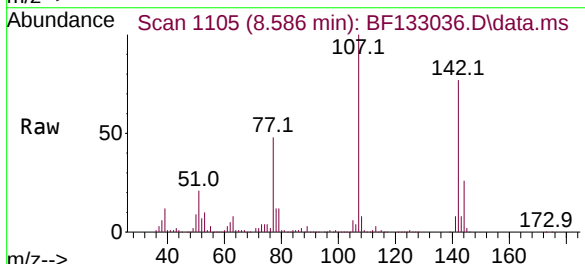
Manual Integrations
APPROVED

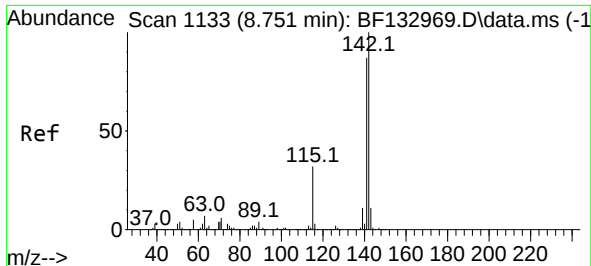
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#36
4-Chloro-3-methylphenol
Concen: 49.514 ng
RT: 8.586 min Scan# 1105
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:107 Resp: 588800
Ion Ratio Lower Upper
107 100
144 25.5 20.6 30.8
142 77.0 62.8 94.2





#37

2-Methylnaphthalene

Concen: 43.704 ng

RT: 8.739 min Scan# 1131

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:142 Resp: 116547

Ion Ratio Lower Upper

142 100

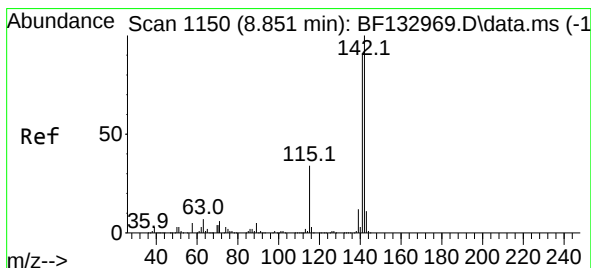
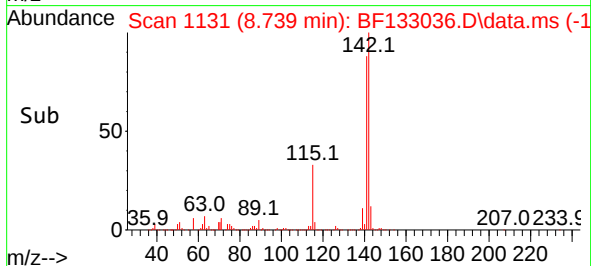
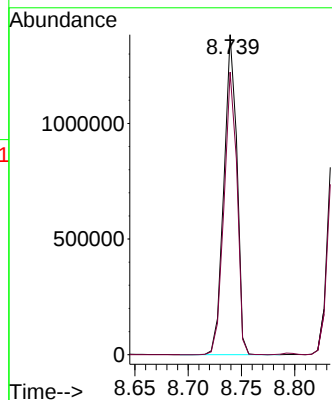
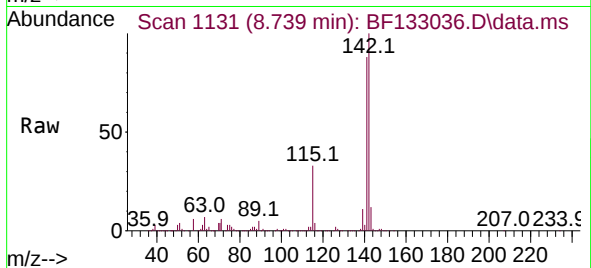
141 88.3 69.4 104.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#38

1-Methylnaphthalene

Concen: 44.468 ng

RT: 8.839 min Scan# 1148

Delta R.T. -0.000 min

Lab File: BF133036.D

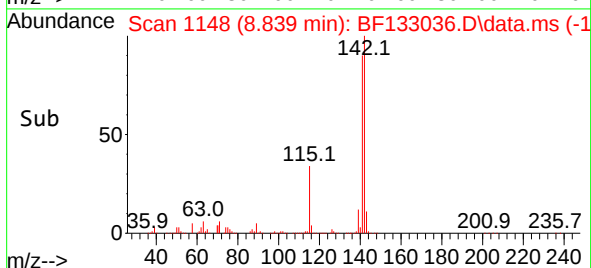
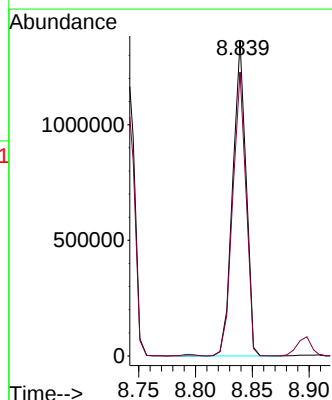
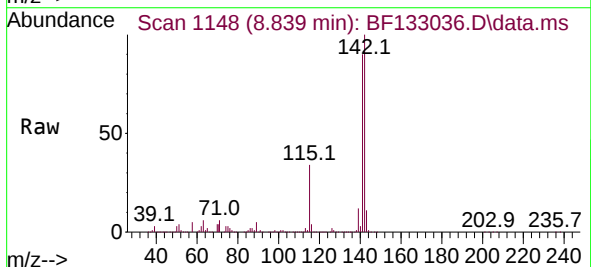
Acq: 25 Apr 2023 19:57

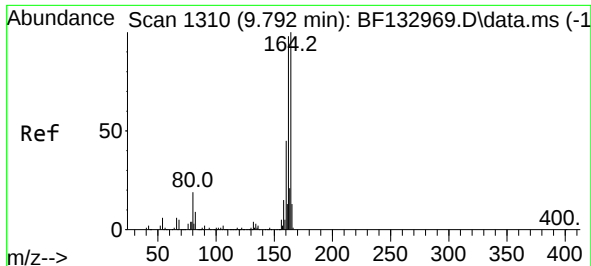
Tgt Ion:142 Resp: 1109316

Ion Ratio Lower Upper

142 100

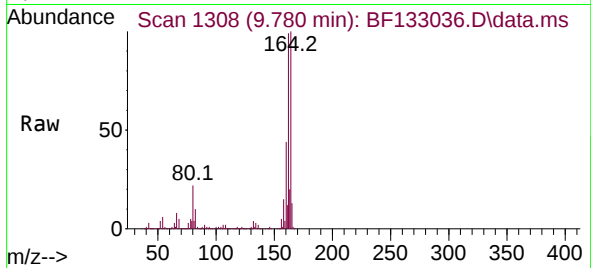
141 90.2 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

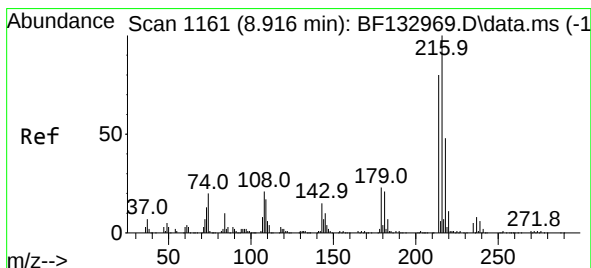
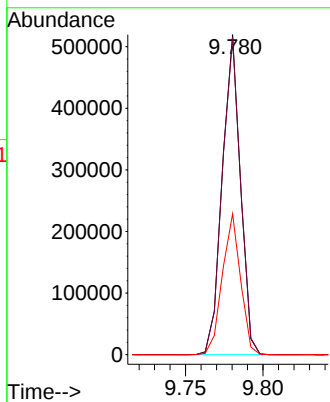
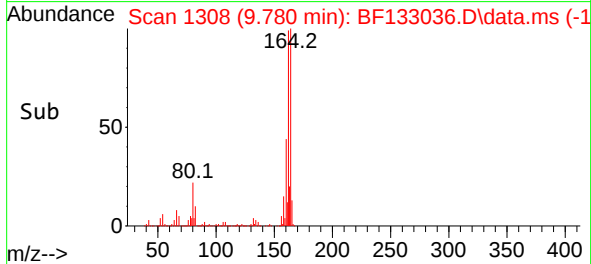
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:164 Resp: 421810
Ion Ratio Lower Upper
164 100
162 99.2 78.7 118.1
160 44.0 35.8 53.6

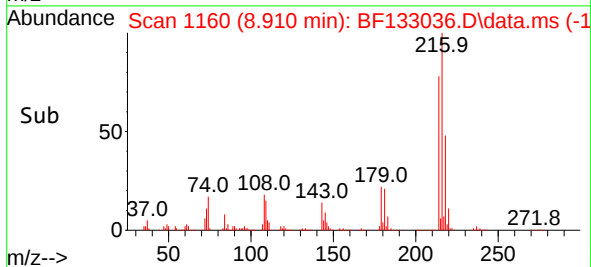
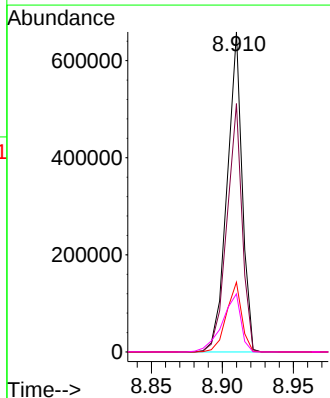
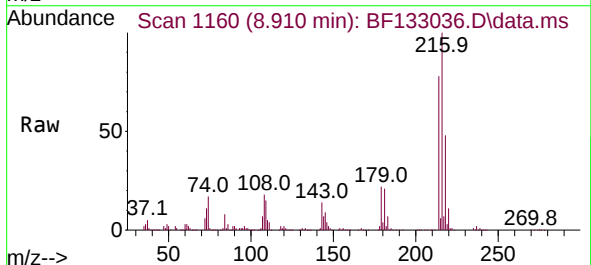
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.993 ng
RT: 8.910 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

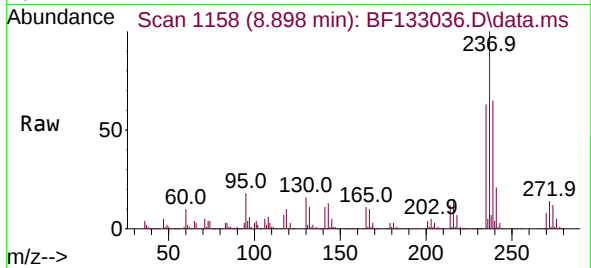
Tgt Ion:216 Resp: 487595
Ion Ratio Lower Upper
216 100
214 78.0 63.5 95.3
179 22.0 17.4 26.2
108 22.6 17.4 26.0





#41
Hexachlorocyclopentadiene
Concen: 91.455 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

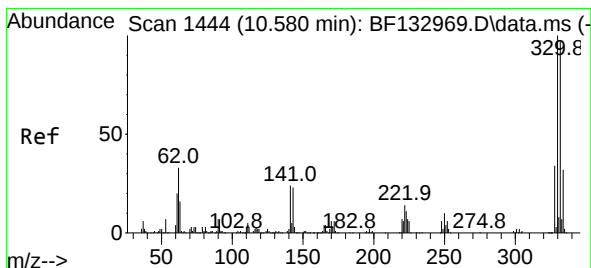
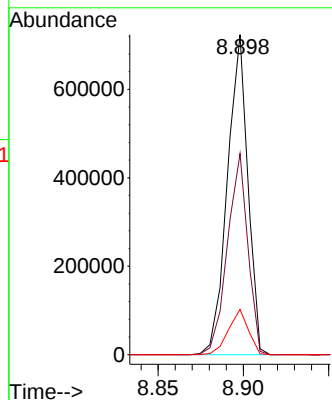
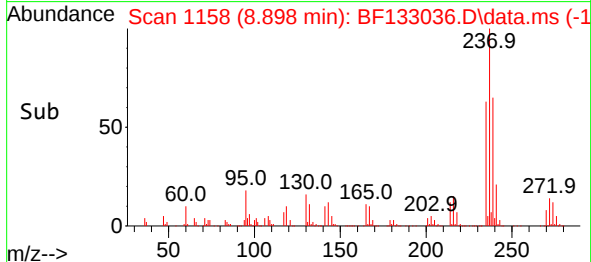
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



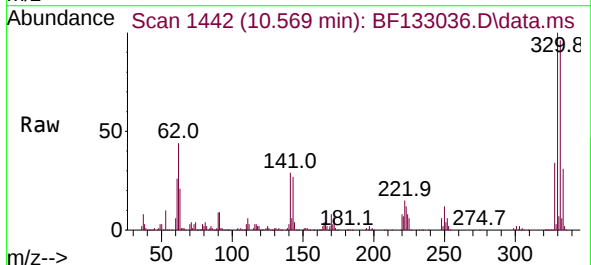
Tgt Ion:237 Resp: 604910
Ion Ratio Lower Upper
237 100
235 62.9 43.5 83.5
272 14.1 0.0 32.7

Manual Integrations
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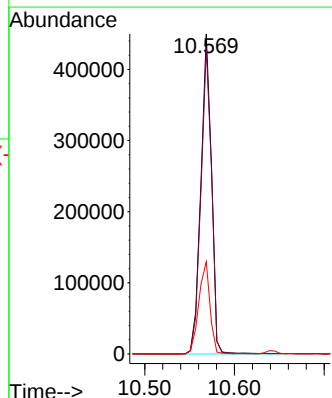
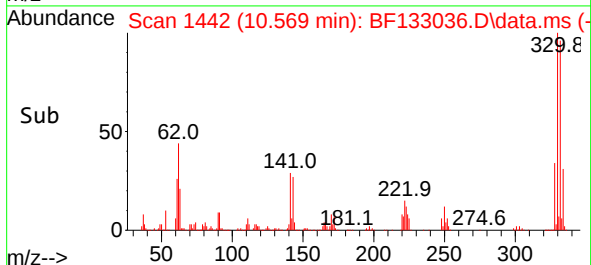
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

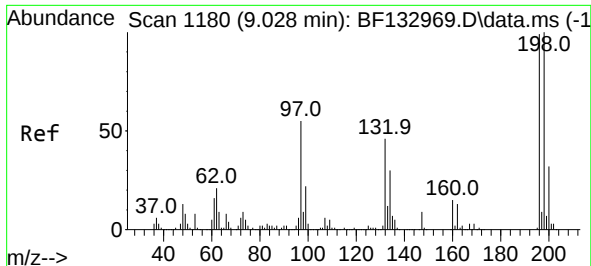


#42
2,4,6-Tribromophenol
Concen: 87.148 ng
RT: 10.569 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



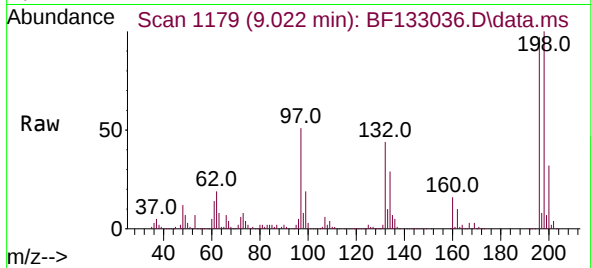
Tgt Ion:330 Resp: 369691
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 30.3 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 45.253 ng
RT: 9.022 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

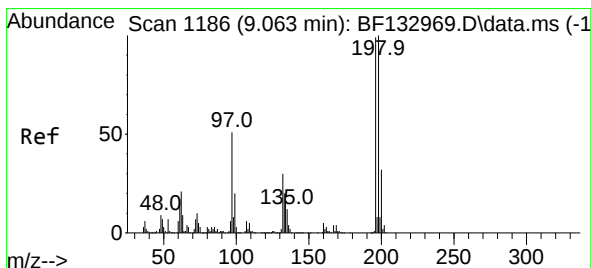
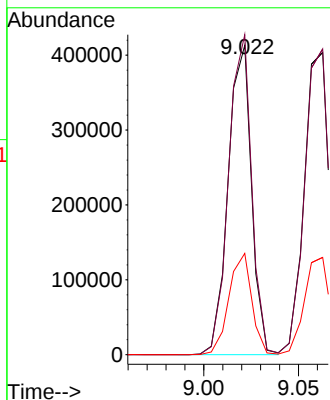
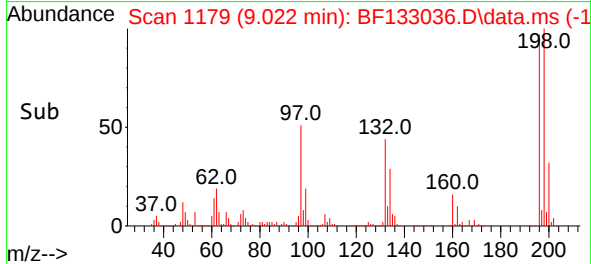
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:196 Resp: 354929
Ion Ratio Lower Upper
196 100
198 103.4 81.0 121.6
200 32.7 26.1 39.1

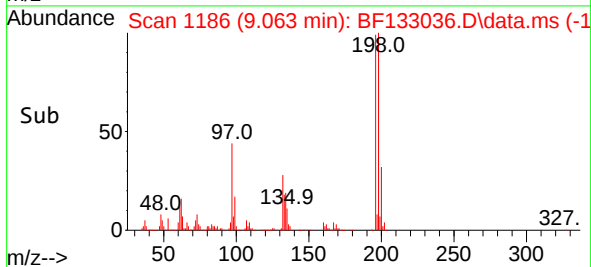
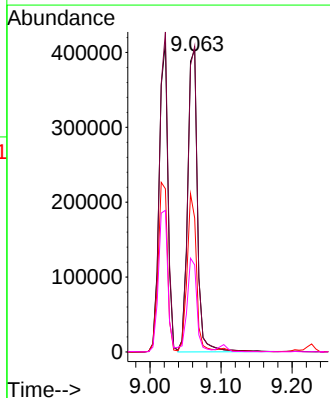
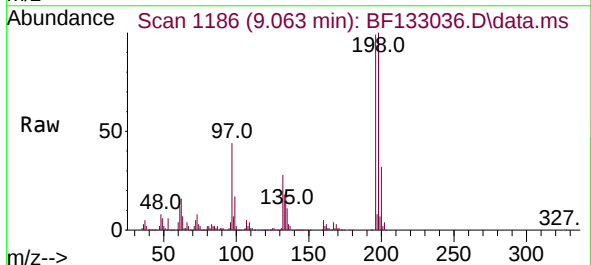
Manual Integrations
APPROVED

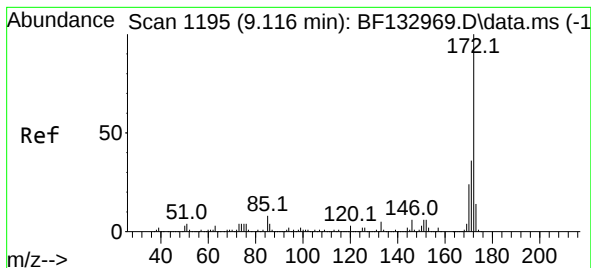
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#44
2,4,5-Trichlorophenol
Concen: 42.927 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Tgt Ion:196 Resp: 389393
Ion Ratio Lower Upper
196 100
198 101.2 80.9 121.3
97 44.3 41.3 61.9
132 28.8 24.7 37.1





#45

2-Fluorobiphenyl

Concen: 59.098 ng

RT: 9.104 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:172 Resp: 149003

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

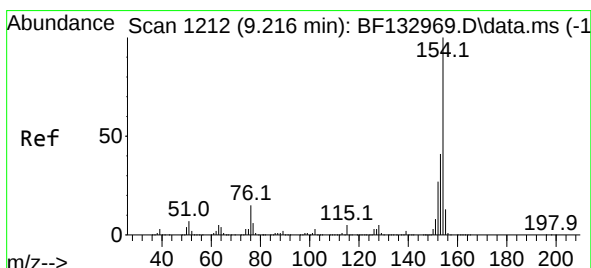
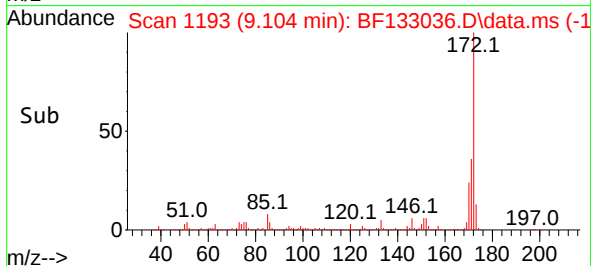
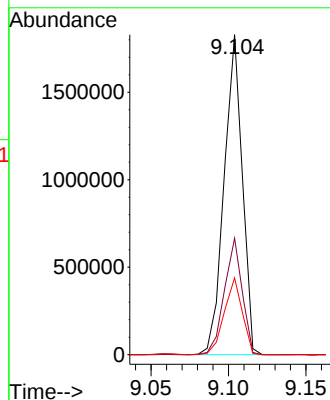
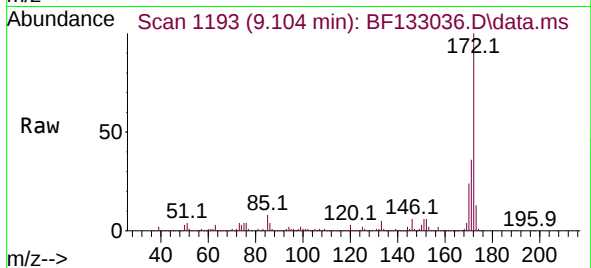
170 24.0 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#46

1,1'-Biphenyl

Concen: 43.781 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

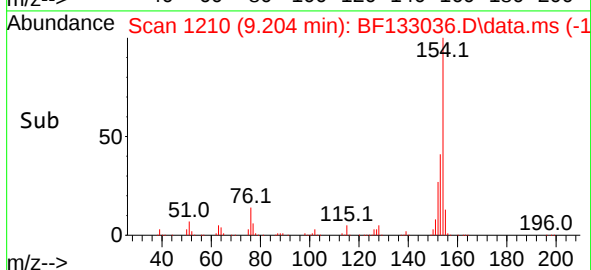
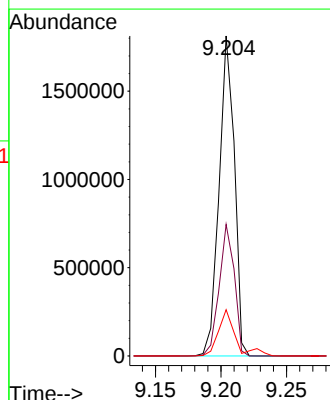
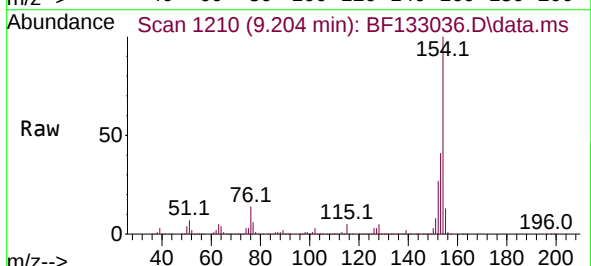
Tgt Ion:154 Resp: 1464382

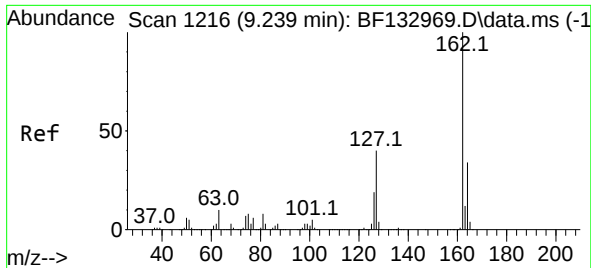
Ion Ratio Lower Upper

154 100

153 41.1 21.0 61.0

76 14.4 0.0 34.5





#47

2-Chloronaphthalene

Concen: 45.621 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:162 Resp: 111686

Ion Ratio Lower Upper

162 100

127 41.1 32.3 48.5

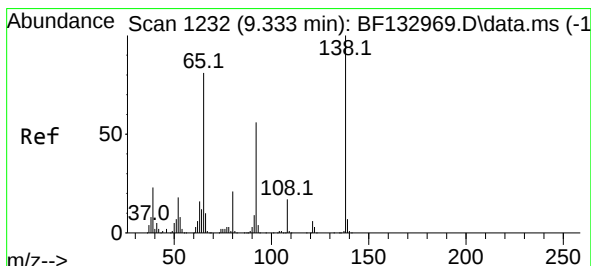
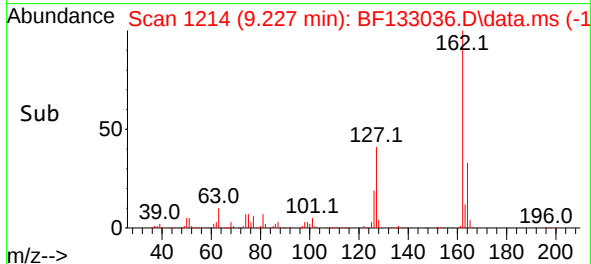
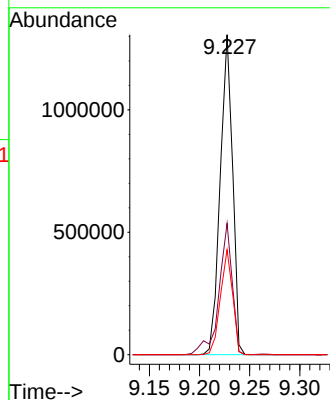
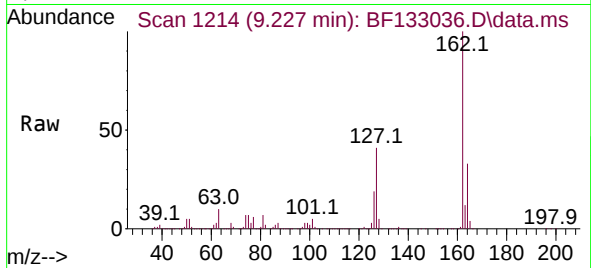
164 32.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#48

2-Nitroaniline

Concen: 44.728 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

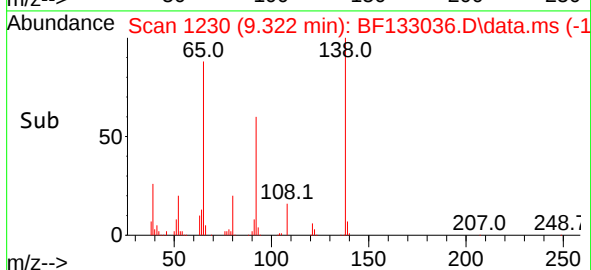
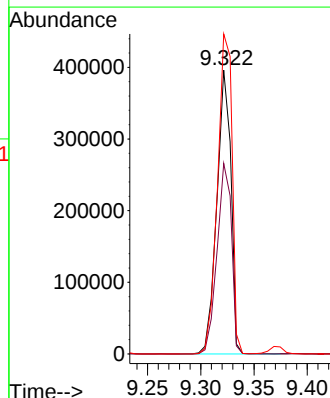
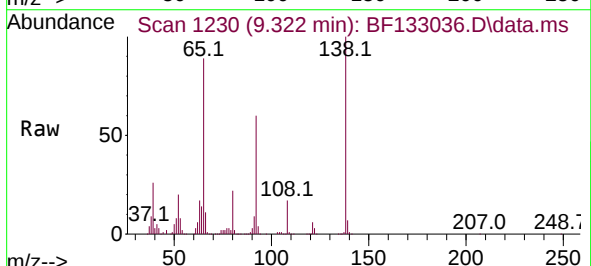
Tgt Ion: 65 Resp: 361895

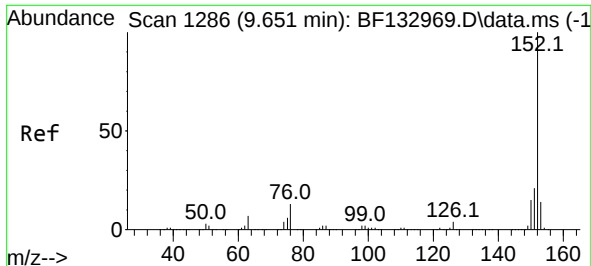
Ion Ratio Lower Upper

65 100

92 67.1 55.4 83.0

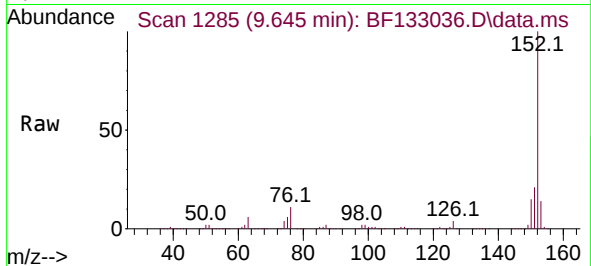
138 112.7 98.2 147.2





#49
Acenaphthylene
Concen: 43.836 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

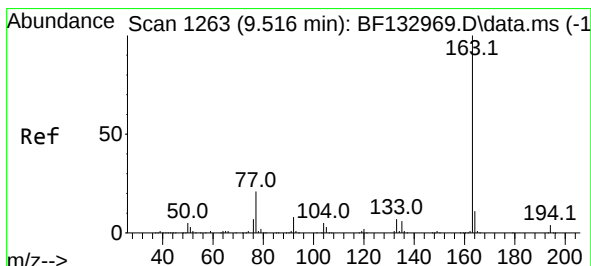
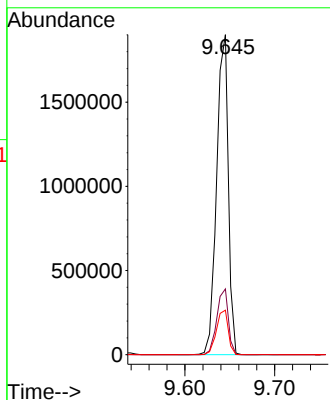
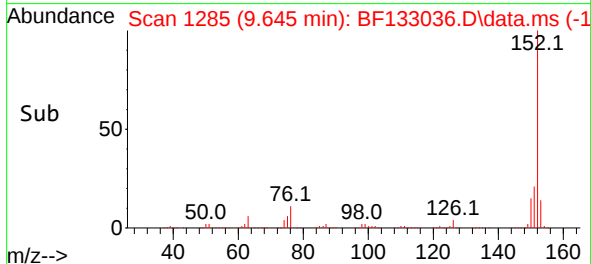
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



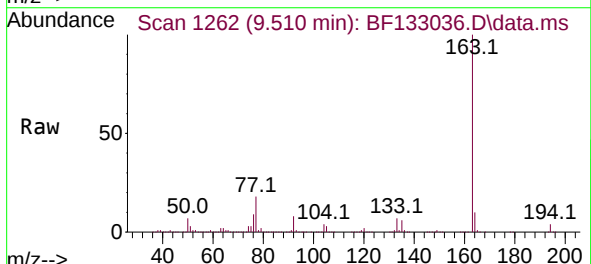
Tgt Ion:152 Resp: 1714770
Ion Ratio Lower Upper
152 100
151 20.6 16.6 24.8
153 13.9 11.5 17.3

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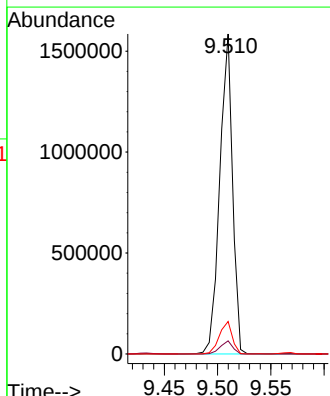
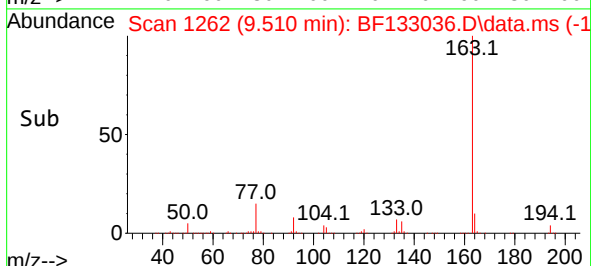
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

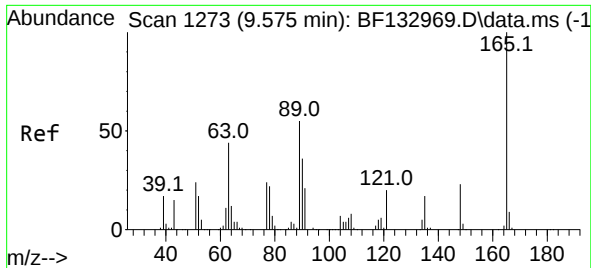


#50
Dimethylphthalate
Concen: 44.769 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



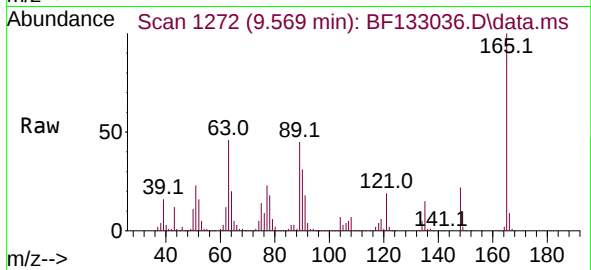
Tgt Ion:163 Resp: 1316741
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 46.845 ng
RT: 9.569 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

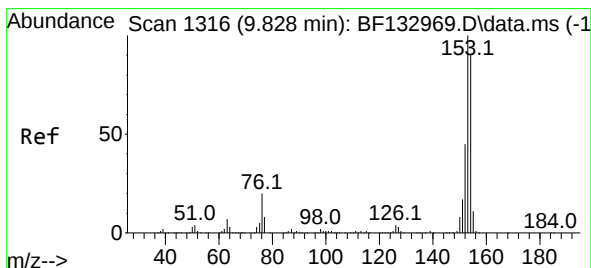
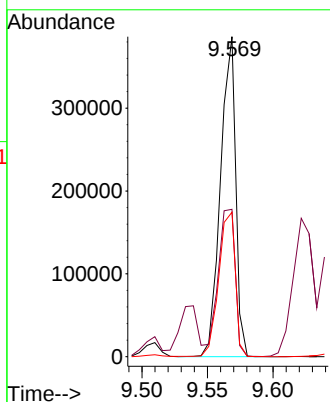
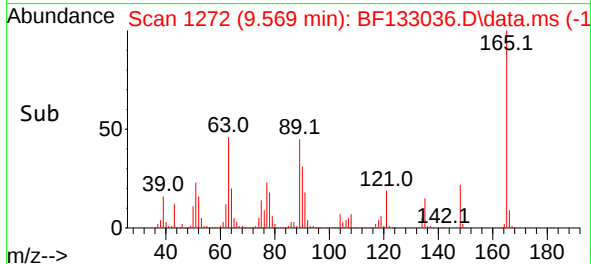
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



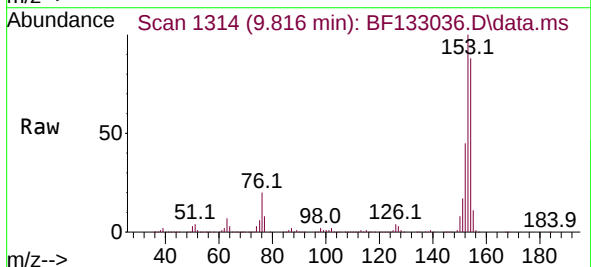
Tgt Ion:165 Resp: 310110
Ion Ratio Lower Upper
165 100
63 46.1 45.9 68.9
89 45.1 44.0 66.0

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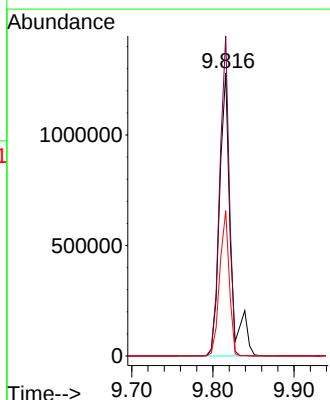
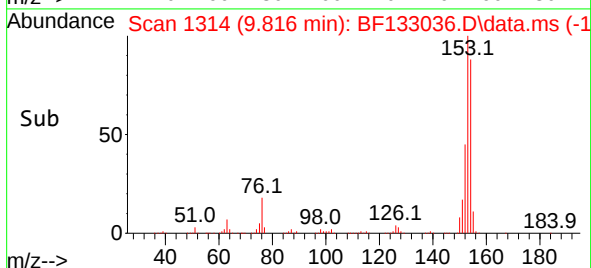
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

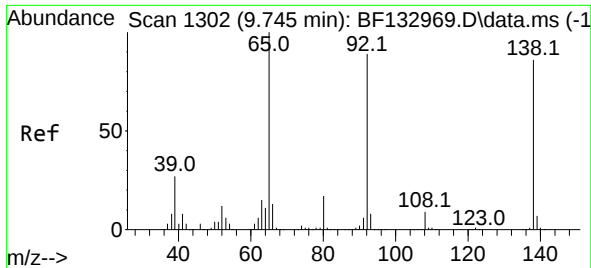


#52
Acenaphthene
Concen: 46.449 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



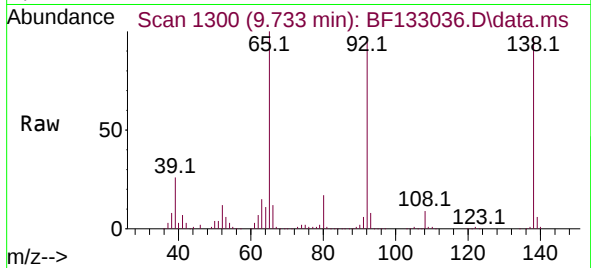
Tgt Ion:154 Resp: 1216913
Ion Ratio Lower Upper
154 100
153 113.0 89.0 133.6
152 51.3 40.4 60.6





#53
3-Nitroaniline
Concen: 19.440 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

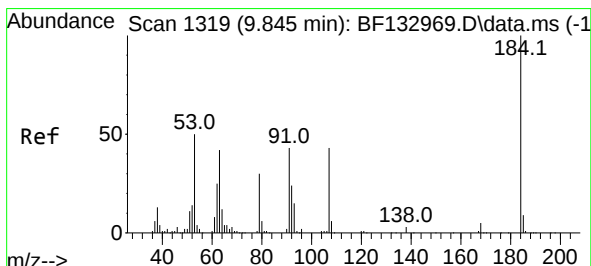
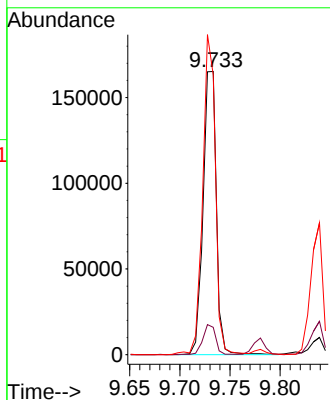
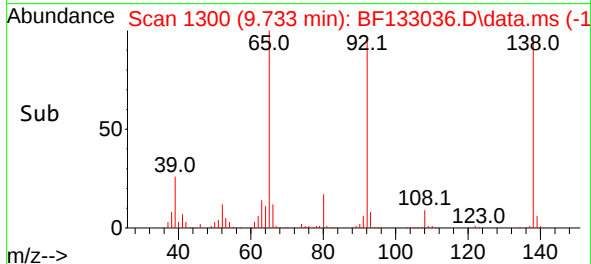
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:138 Resp: 153012
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 98.8 83.6 125.4

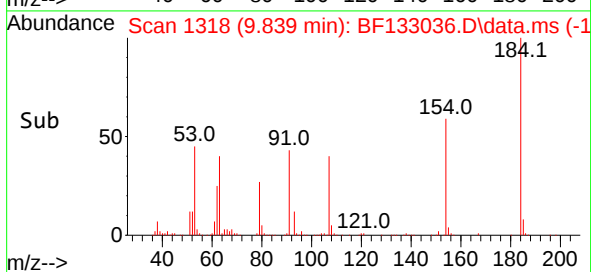
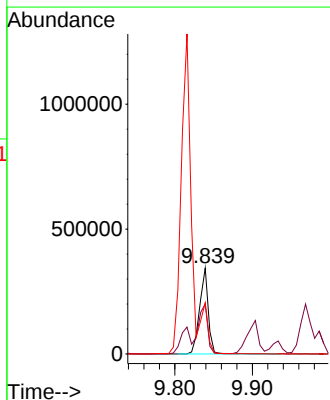
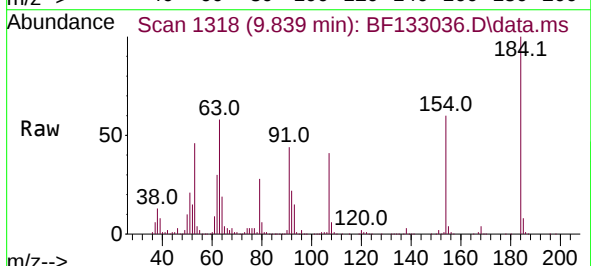
Manual Integrations
APPROVED

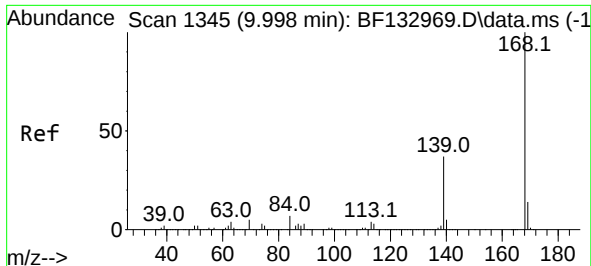
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#54
2,4-Dinitrophenol
Concen: 80.702 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

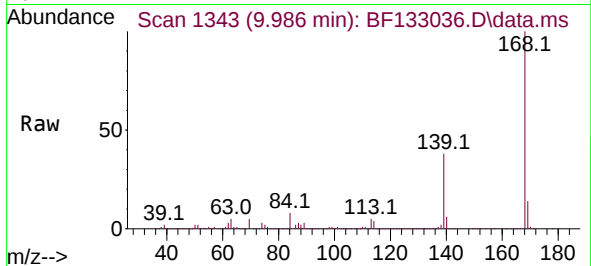
Tgt Ion:184 Resp: 268533
Ion Ratio Lower Upper
184 100
63 58.3 49.8 74.8
154 59.5 49.5 74.3





#55
Dibenzenofuran
Concen: 43.932 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

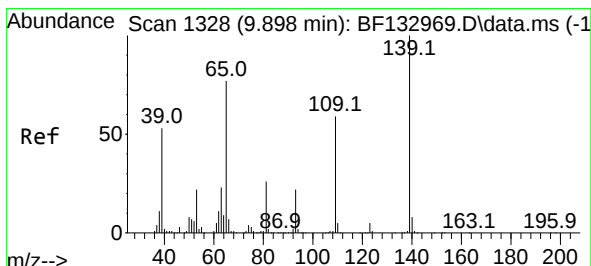
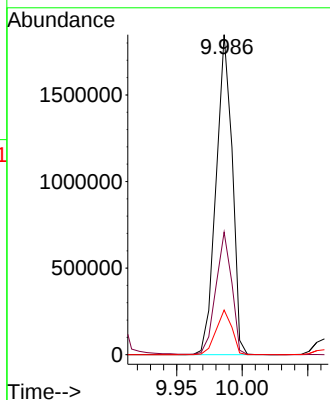
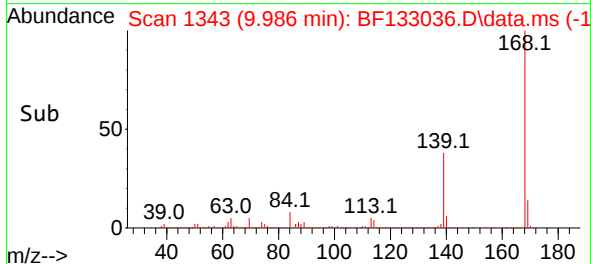
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:168 Resp: 157004
Ion Ratio Lower Upper
168 100
139 38.3 29.8 44.8
169 14.0 10.8 16.2

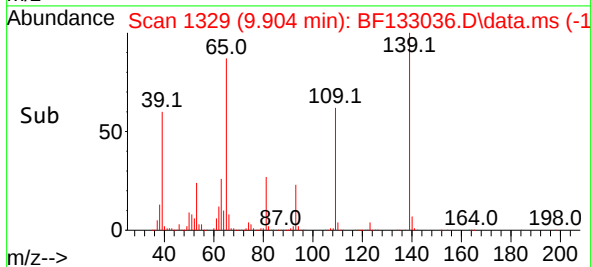
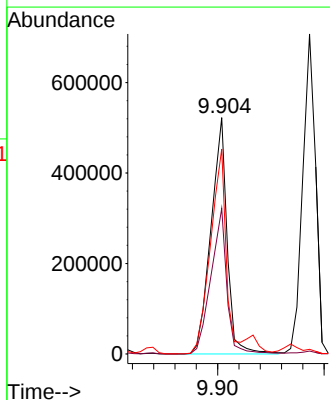
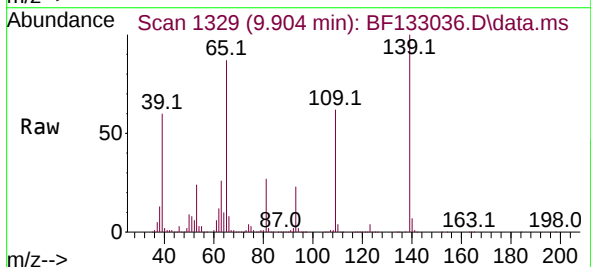
Manual Integrations
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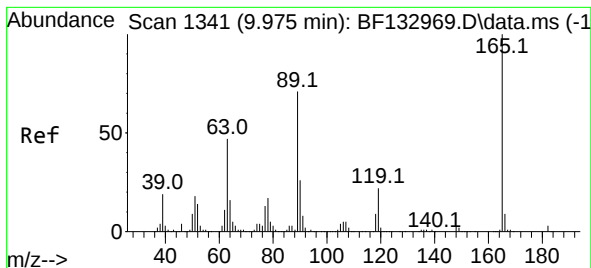
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#56
4-Nitrophenol
Concen: 90.275 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.012 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

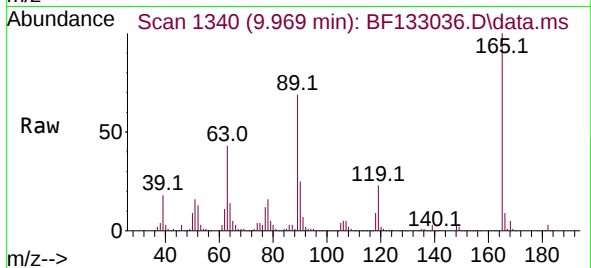
Tgt Ion:139 Resp: 550349
Ion Ratio Lower Upper
139 100
109 61.6 39.4 79.4
65 86.7 57.5 97.5





#57
2,4-Dinitrotoluene
Concen: 48.724 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

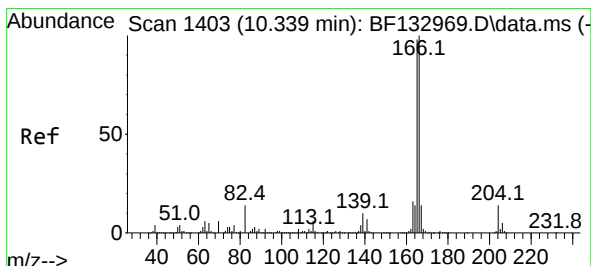
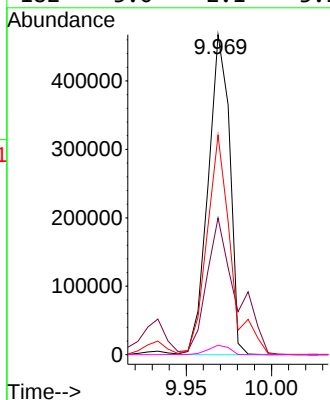
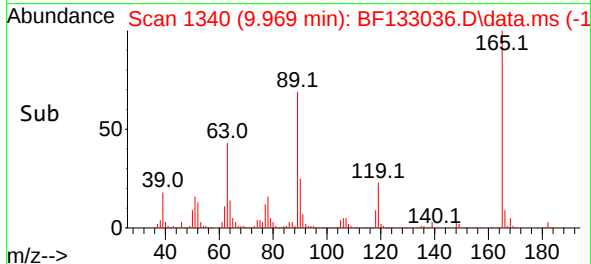
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



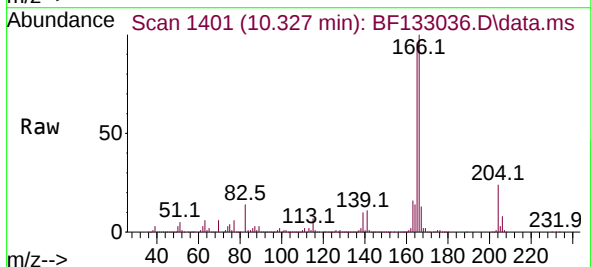
Tgt Ion:165 Resp: 41134
Ion Ratio Lower Upper
165 100
63 42.7 37.7 56.5
89 68.6 57.0 85.4
182 3.0 2.1 3.1

Manual Integrations
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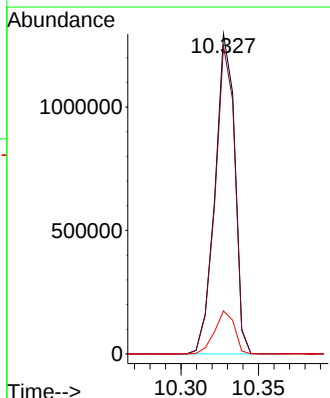
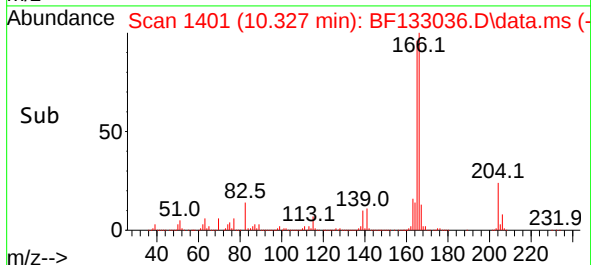
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

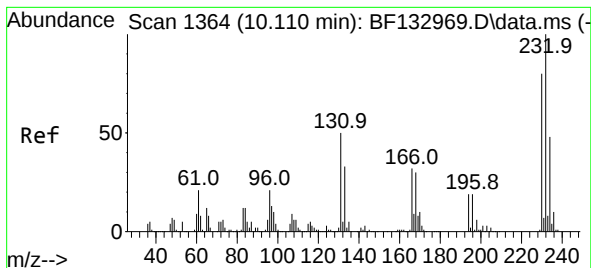


#58
Fluorene
Concen: 43.720 ng
RT: 10.327 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



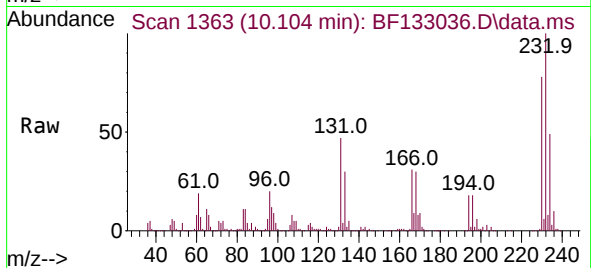
Tgt Ion:166 Resp: 1144720
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.5 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.594 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

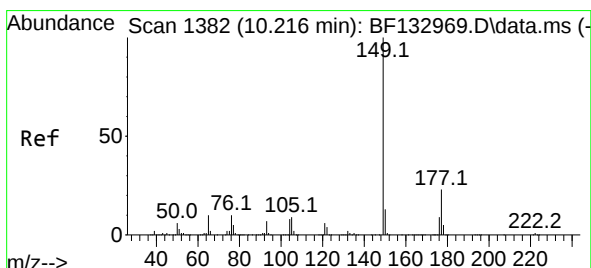
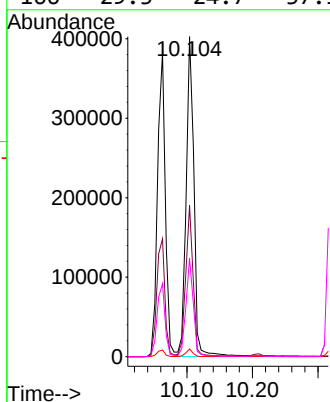
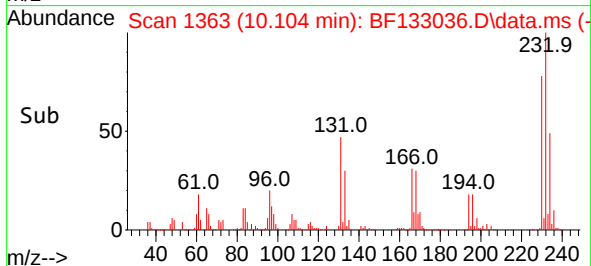
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



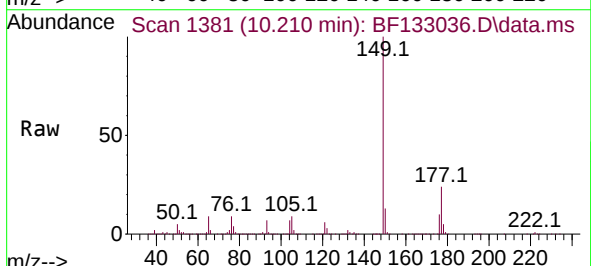
Tgt Ion:232 Resp: 32766
Ion Ratio Lower Upper
232 100
131 45.2 38.0 57.0
130 2.2 1.8 2.8
166 29.3 24.7 37.1

Manual Integrations
APPROVED

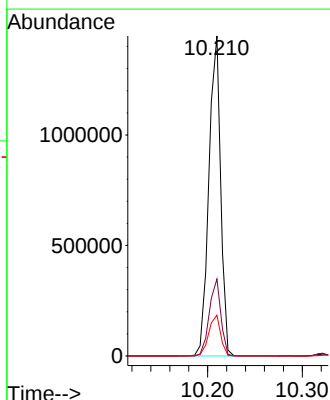
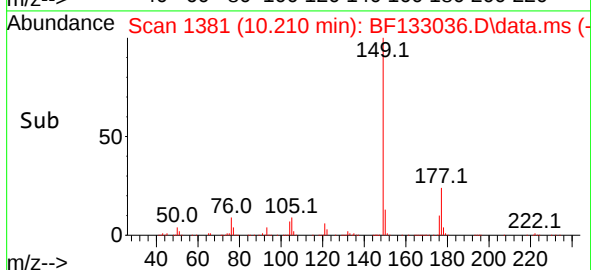
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

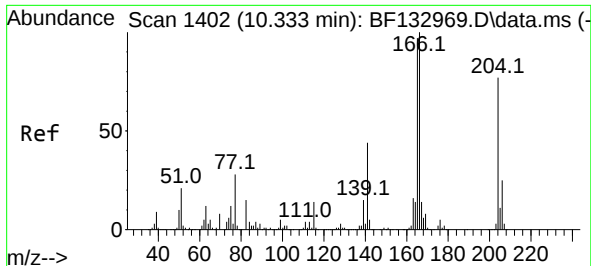


#60
Diethylphthalate
Concen: 44.823 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



Tgt Ion:149 Resp: 1245240
Ion Ratio Lower Upper
149 100
177 24.1 18.2 27.4
150 12.8 10.2 15.4





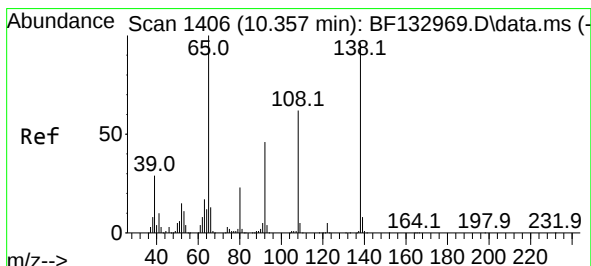
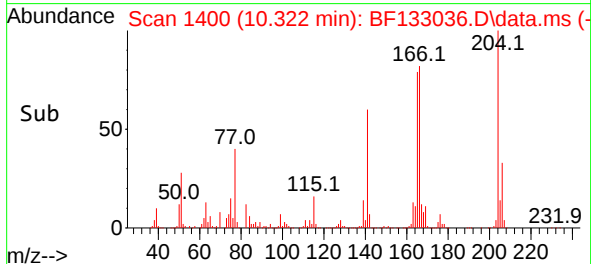
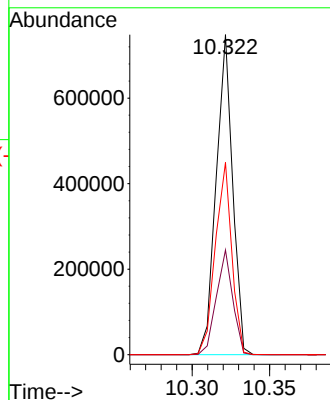
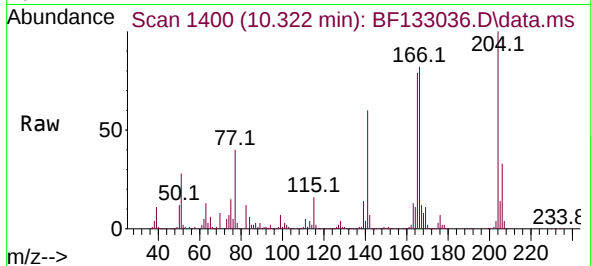
#61
4-Chlorophenyl-phenylether
Concen: 43.228 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Tgt Ion:204 Resp: 55157
Ion Ratio Lower Upper
204 100
206 32.7 26.1 39.1
141 60.0 46.1 69.1

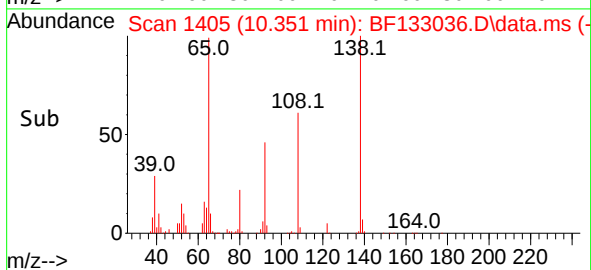
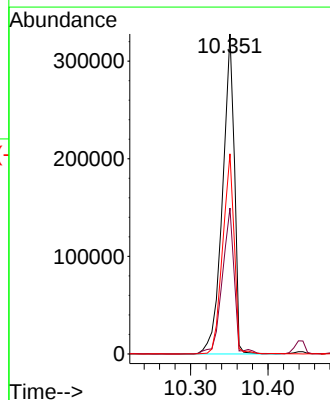
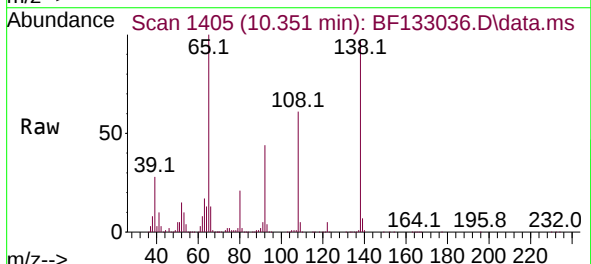
Manual Integrations
APPROVED

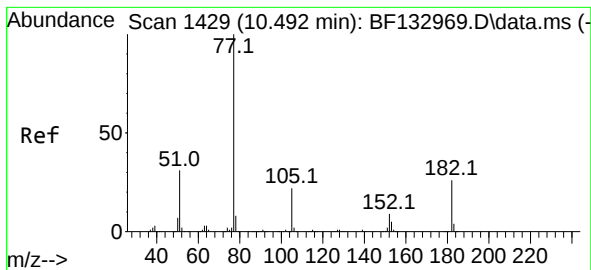
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#62
4-Nitroaniline
Concen: 48.358 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

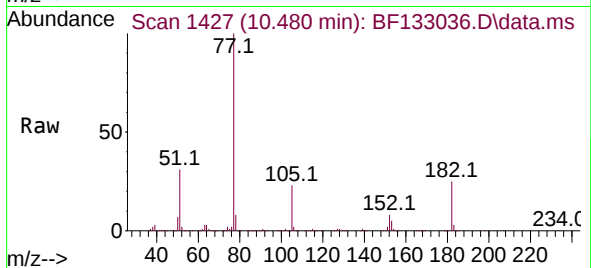
Tgt Ion:138 Resp: 349840
Ion Ratio Lower Upper
138 100
92 45.6 27.7 67.7
108 62.5 45.2 85.2





#63
Azobenzene
Concen: 46.052 ng
RT: 10.480 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

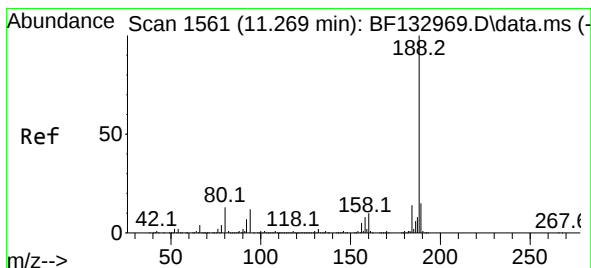
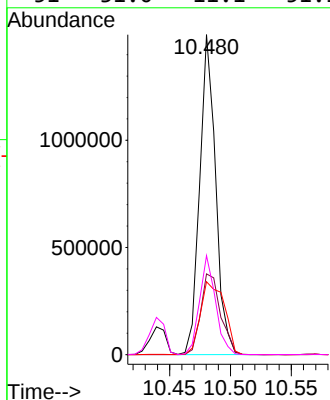
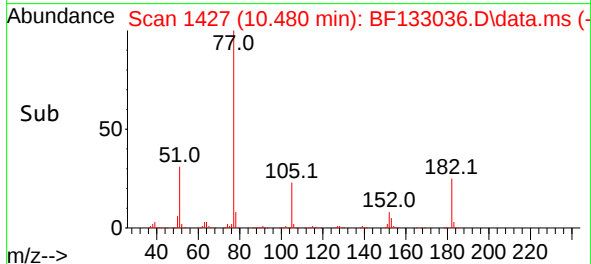
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



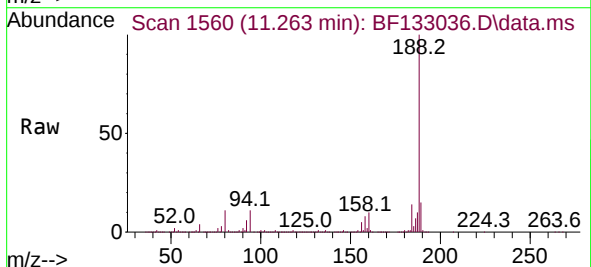
Tgt Ion: 77 Resp: 135530
Ion Ratio Lower Upper
77 100
182 25.3 5.9 45.9
105 22.8 2.3 42.3
51 31.0 11.1 51.1

Manual Integrations
APPROVED

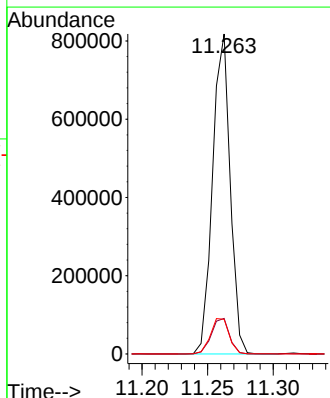
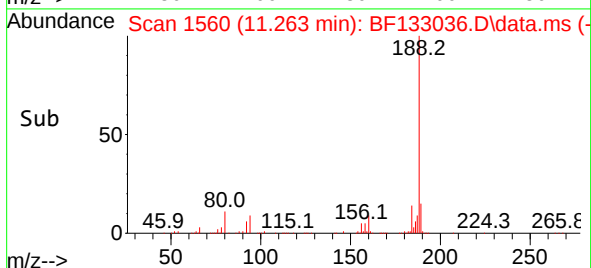
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

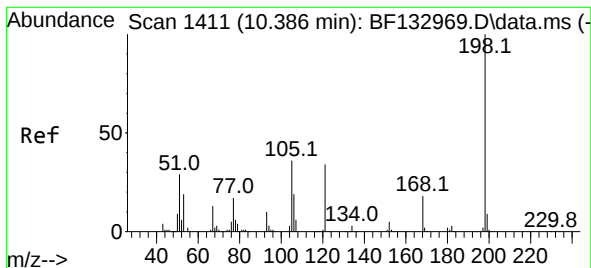


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



Tgt Ion:188 Resp: 761307
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 10.9 10.4 15.6





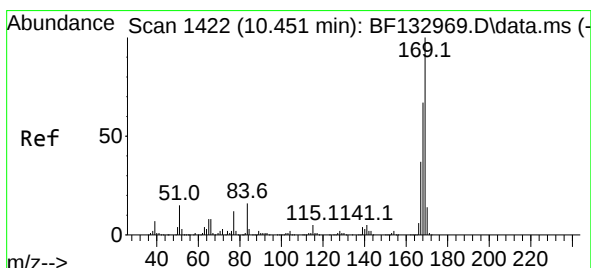
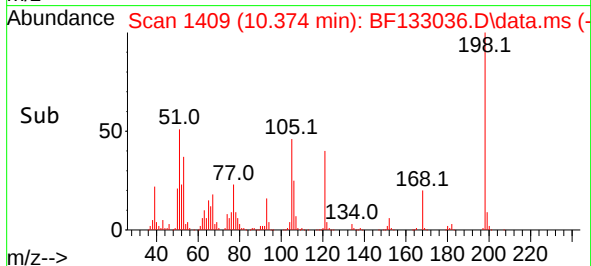
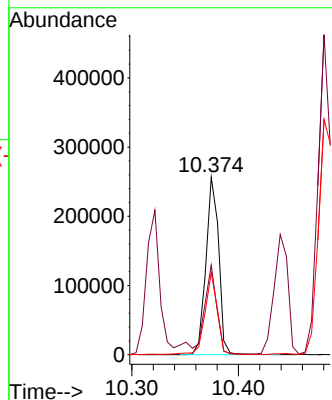
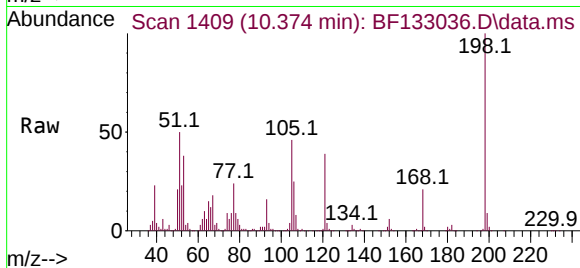
#65
4,6-Dinitro-2-methylphenol
Concen: 46.356 ng
RT: 10.374 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS

Tgt Ion:198 Resp: 213909
Ion Ratio Lower Upper
198 100
51 50.5 15.5 55.5
105 46.2 16.7 56.7

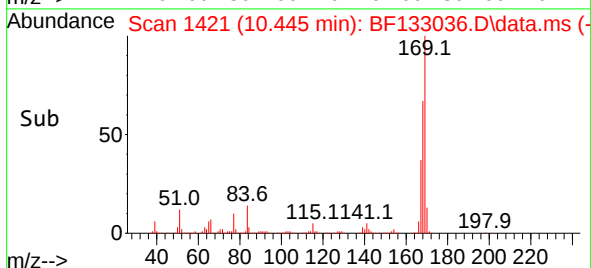
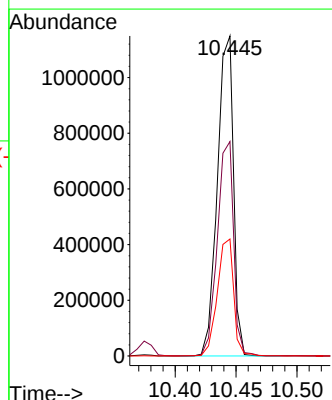
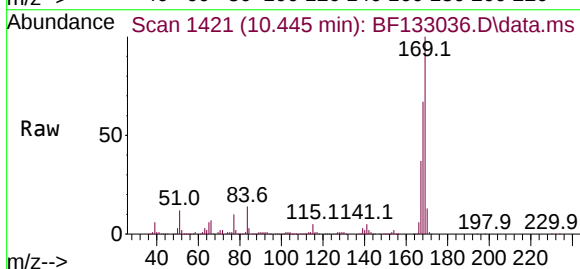
Manual Integrations
APPROVED

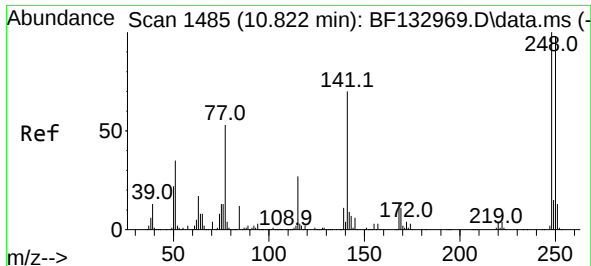
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#66
n-Nitrosodiphenylamine
Concen: 42.924 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

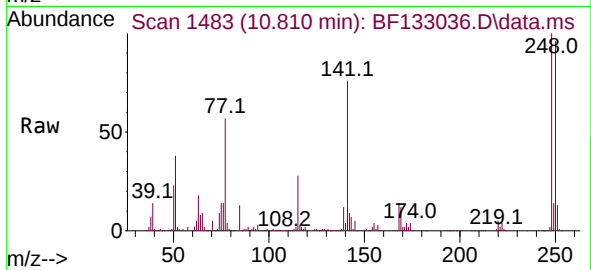
Tgt Ion:169 Resp: 1059996
Ion Ratio Lower Upper
169 100
168 67.0 53.8 80.8
167 36.6 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 44.206 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

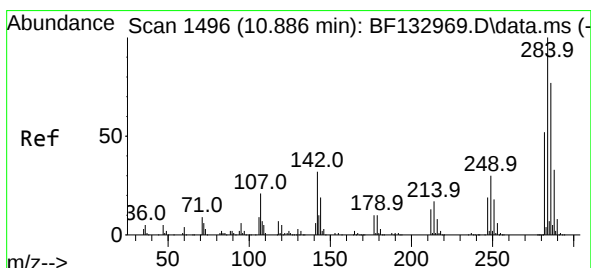
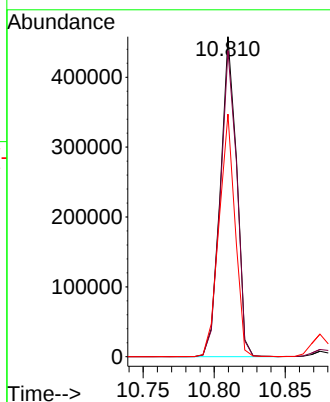
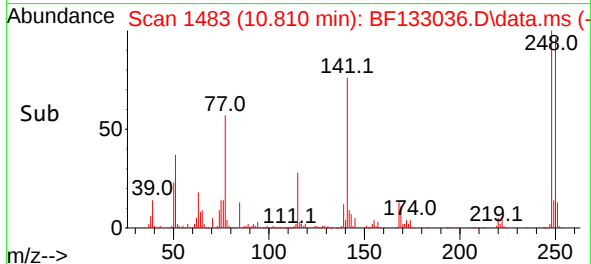
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



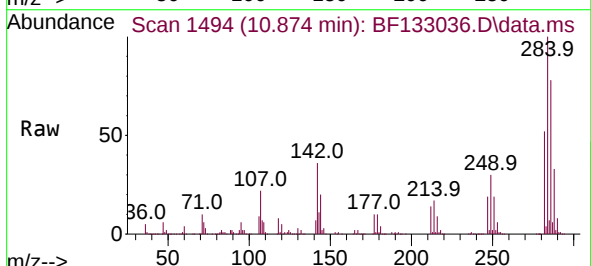
Tgt Ion:248 Resp: 364998
Ion Ratio Lower Upper
248 100
250 95.6 78.7 118.1
141 75.8 56.3 84.5

Manual Integrations
APPROVED

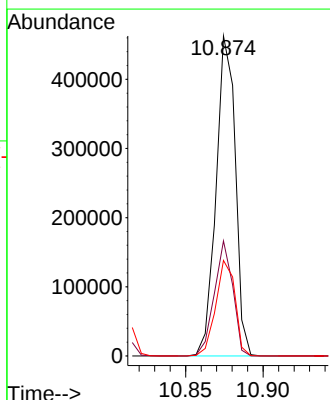
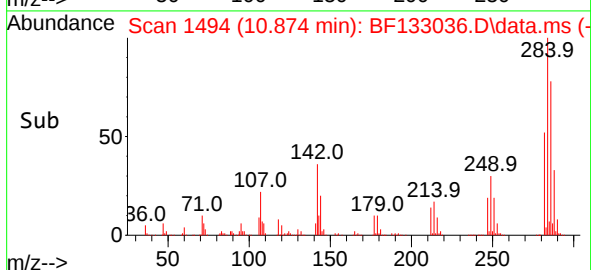
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

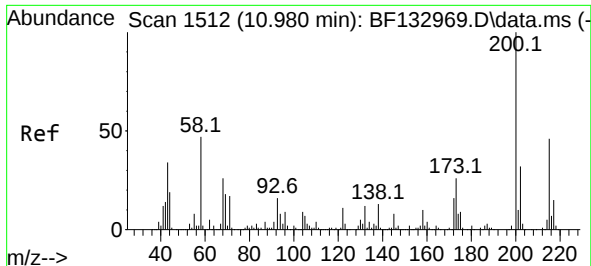


#68
Hexachlorobenzene
Concen: 47.215 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



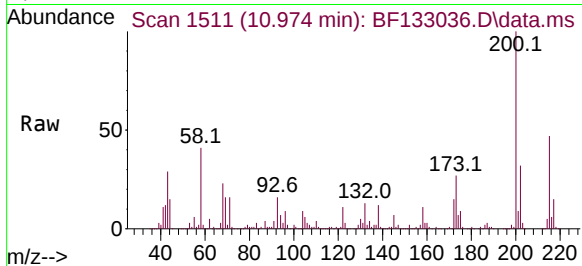
Tgt Ion:284 Resp: 399472
Ion Ratio Lower Upper
284 100
142 35.9 26.0 39.0
249 29.8 23.7 35.5





#69
Atrazine
Concen: 51.679 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

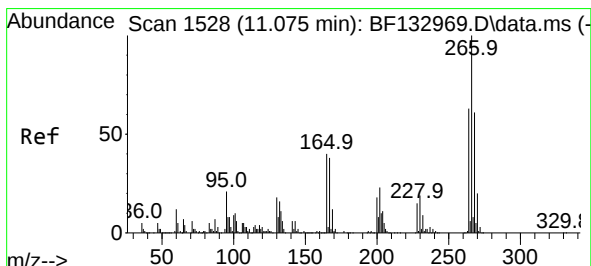
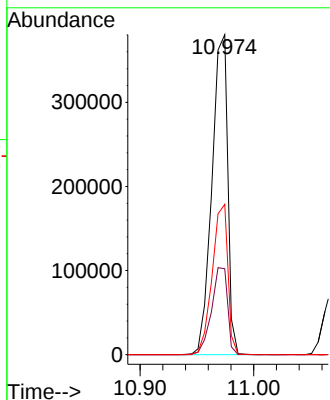
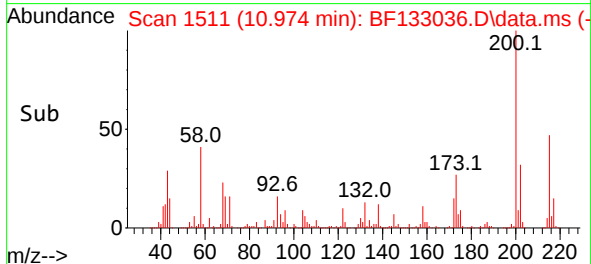
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



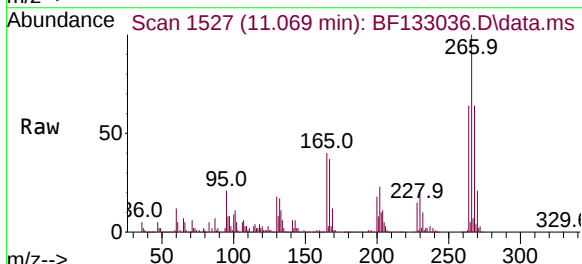
Tgt Ion:200 Resp: 36773
Ion Ratio Lower Upper
200 100
173 26.9 6.2 46.2
215 47.0 26.3 66.3

Manual Integrations
APPROVED

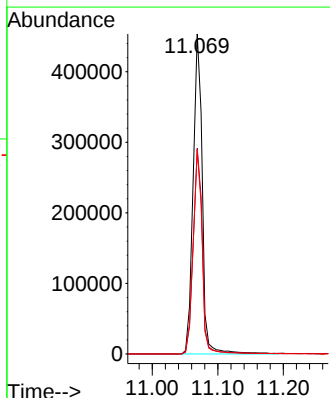
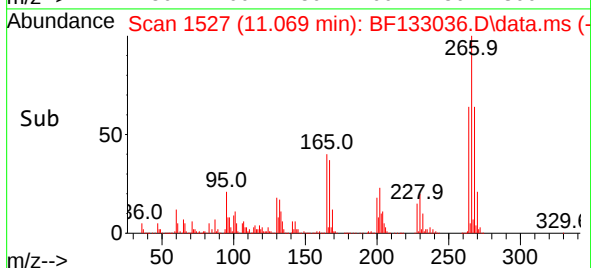
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

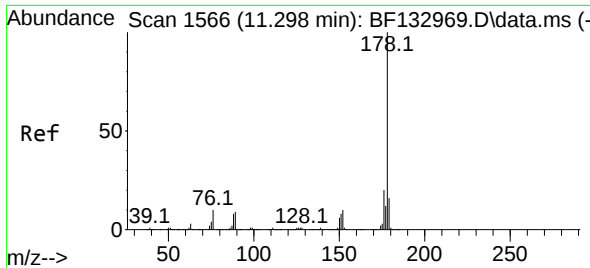


#70
Pentachlorophenol
Concen: 73.091 ng
RT: 11.069 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



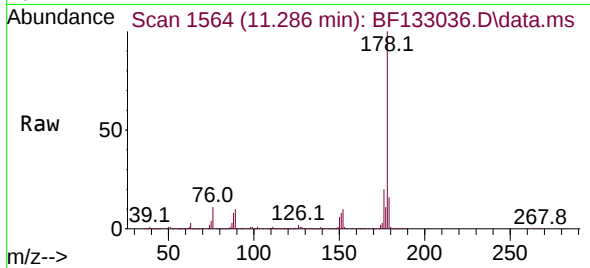
Tgt Ion:266 Resp: 440421
Ion Ratio Lower Upper
266 100
268 64.2 48.8 73.2
264 63.8 50.6 76.0





#71
Phenanthrene
Concen: 43.816 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

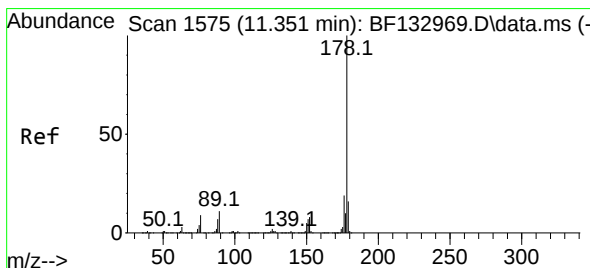
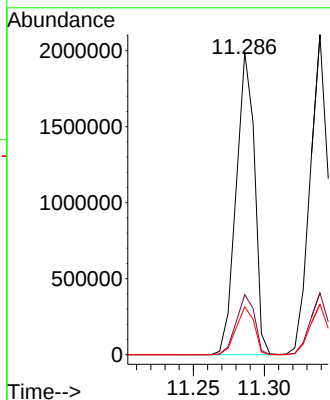
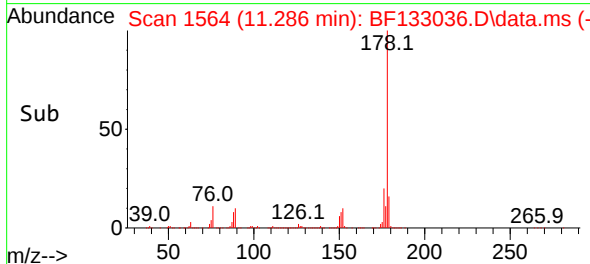
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:178 Resp: 1792840
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 15.8 12.5 18.7

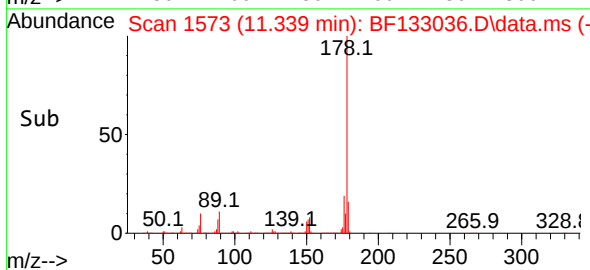
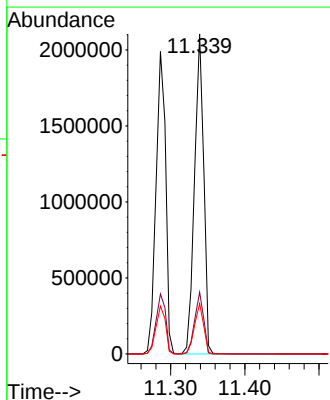
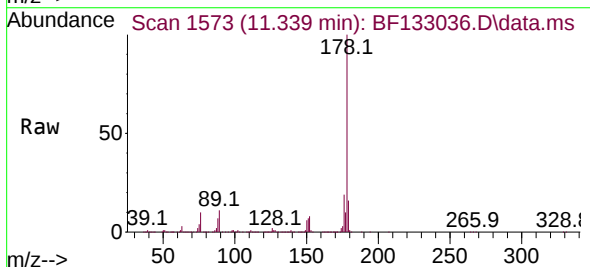
Manual Integrations
APPROVED

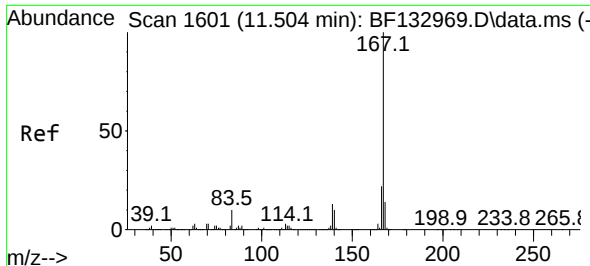
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#72
Anthracene
Concen: 43.295 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

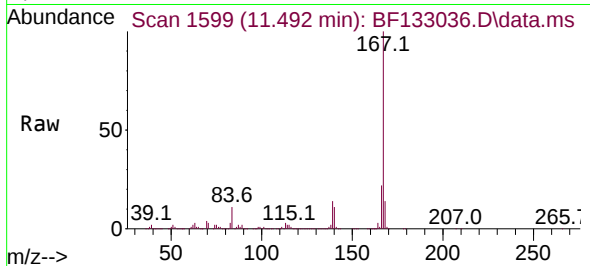
Tgt Ion:178 Resp: 1812958
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6





#73
 Carbazole
 Concen: 45.210 ng
 RT: 11.492 min Scan# 1601
 Delta R.T. -0.000 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57

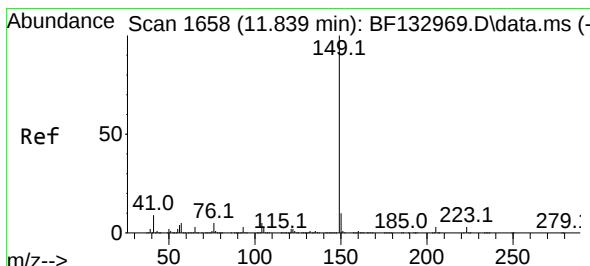
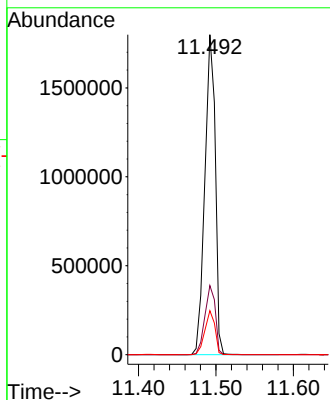
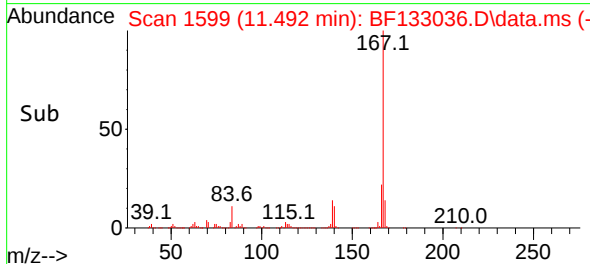
Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)MS



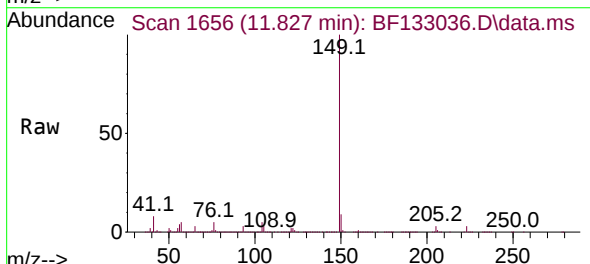
Tgt Ion:167 Resp: 1685733
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 13.8 10.6 16.0

Manual Integrations
 APPROVED

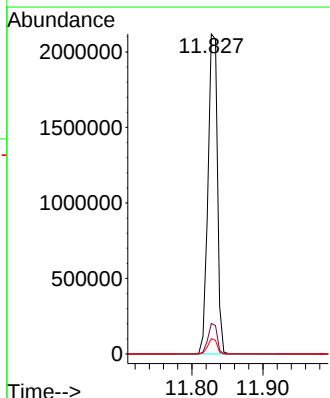
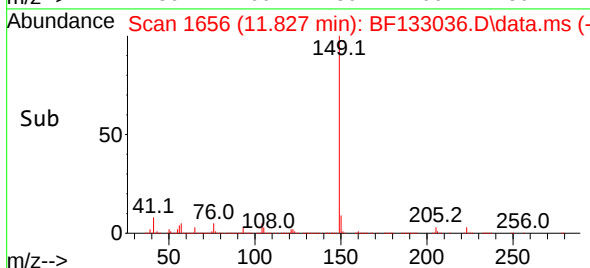
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023

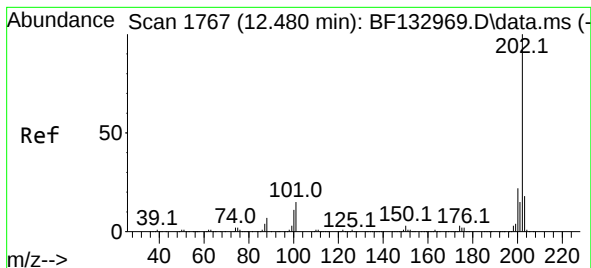


#74
 Di-n-butylphthalate
 Concen: 46.434 ng
 RT: 11.827 min Scan# 1656
 Delta R.T. -0.006 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57



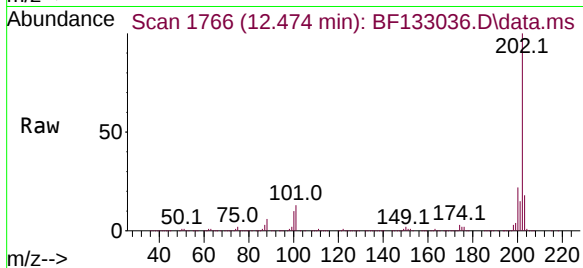
Tgt Ion:149 Resp: 1959320
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 4.8 4.0 6.0





#75
Fluoranthene
Concen: 44.636 ng
RT: 12.474 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

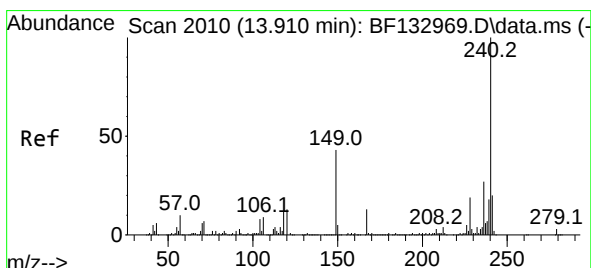
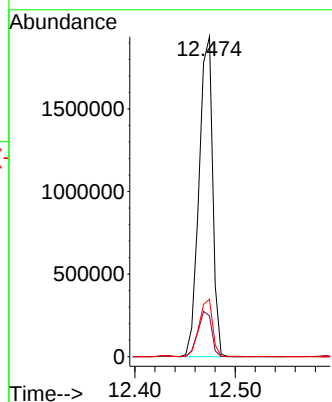
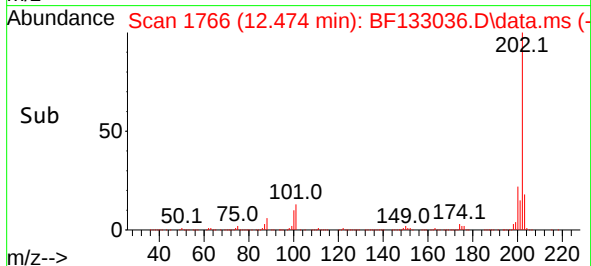
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



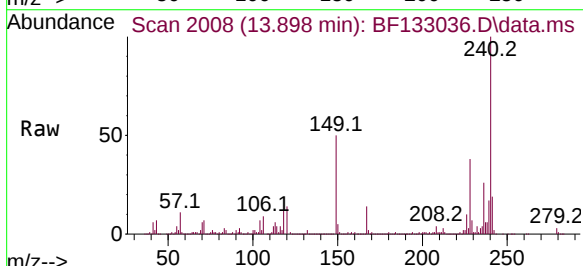
Tgt Ion:202 Resp: 183300
Ion Ratio Lower Upper
202 100
101 12.8 0.0 35.3
203 17.9 0.0 38.1

Manual Integrations
APPROVED

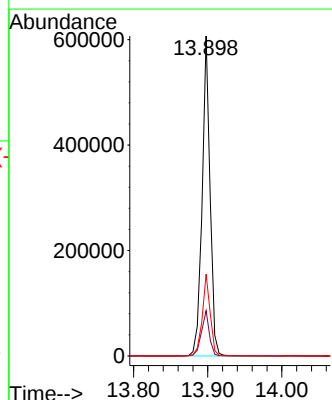
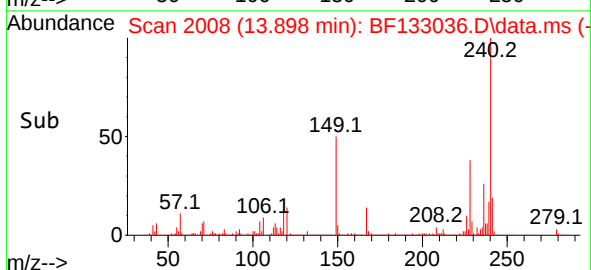
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

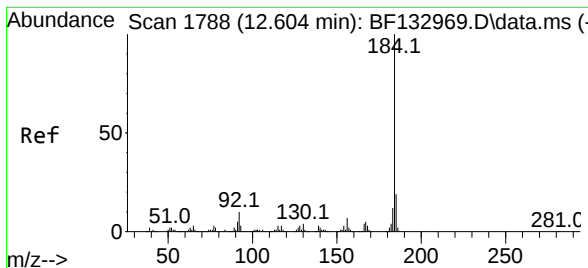


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



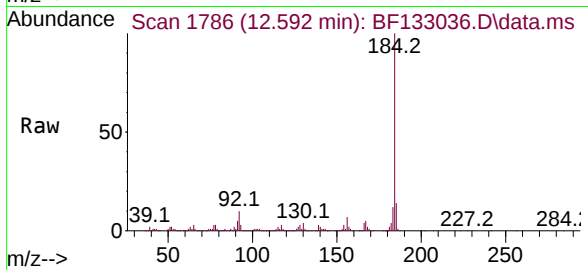
Tgt Ion:240 Resp: 447752
Ion Ratio Lower Upper
240 100
120 14.2 10.5 15.7
236 25.5 21.5 32.3





#77
Benzidine
Concen: 85.597 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

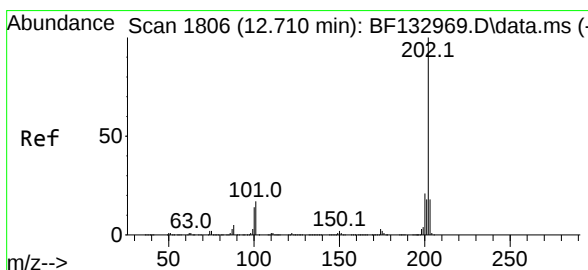
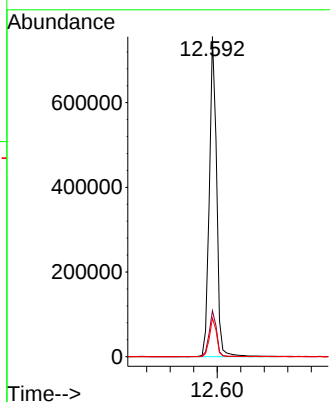
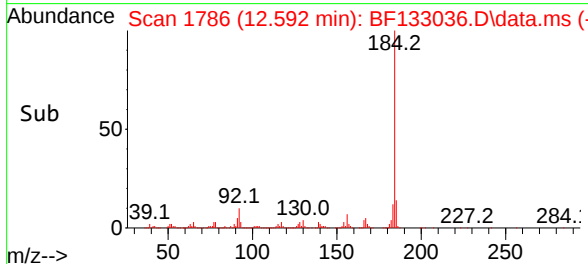
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:184 Resp: 648110
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2
183 12.0 9.4 14.0

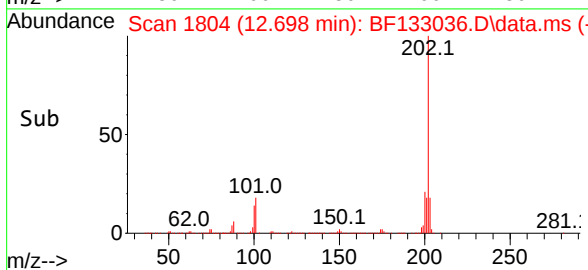
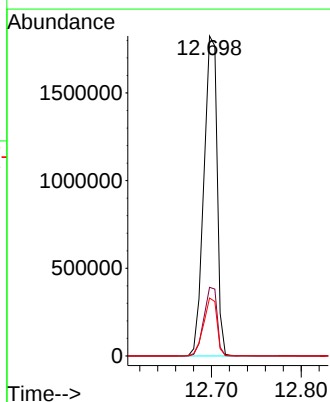
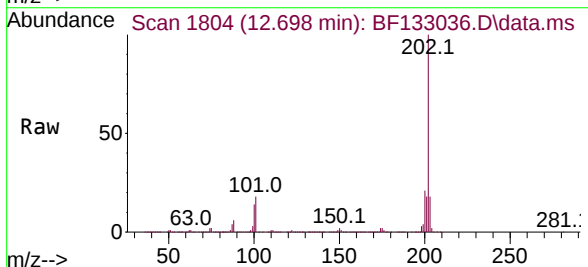
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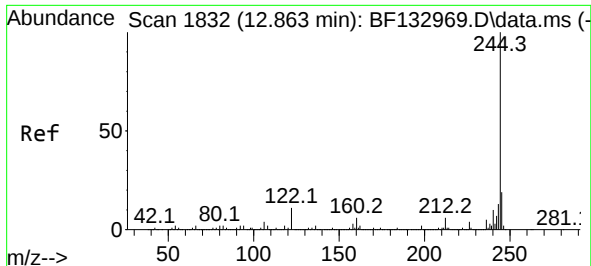
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#78
Pyrene
Concen: 48.735 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

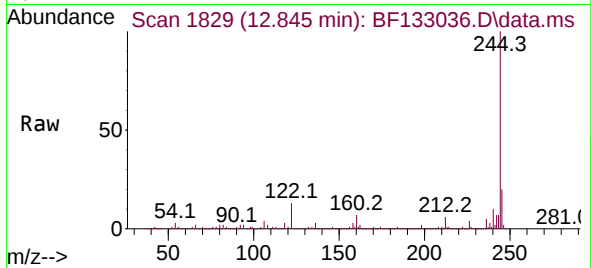
Tgt Ion:202 Resp: 1870593
Ion Ratio Lower Upper
202 100
200 21.4 17.1 25.7
203 18.1 14.1 21.1





#79
 Terphenyl-d14
 Concen: 67.796 ng
 RT: 12.845 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57

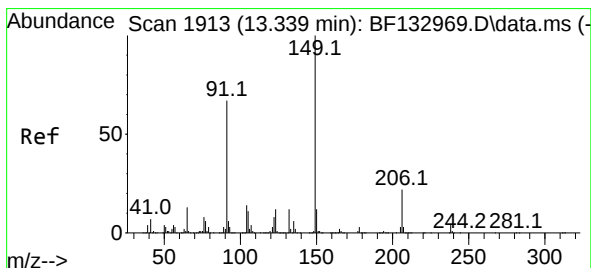
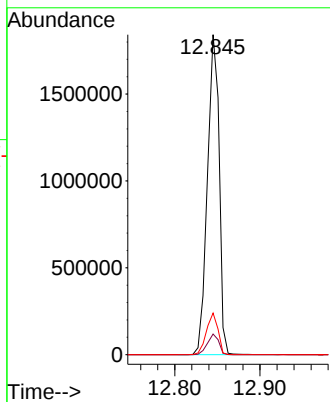
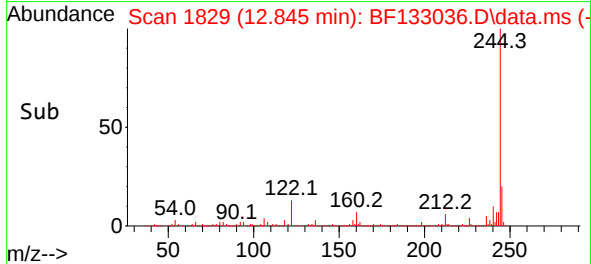
Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)MS



Tgt Ion:244 Resp: 1760104
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 13.0 8.6 13.0

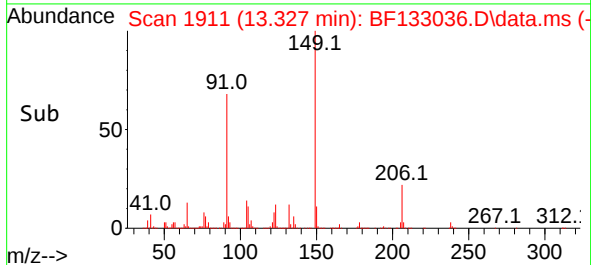
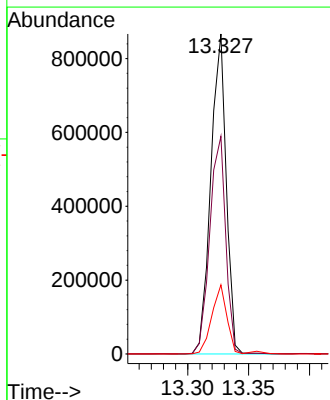
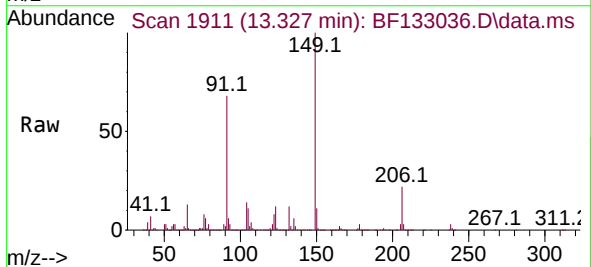
Manual Integrations
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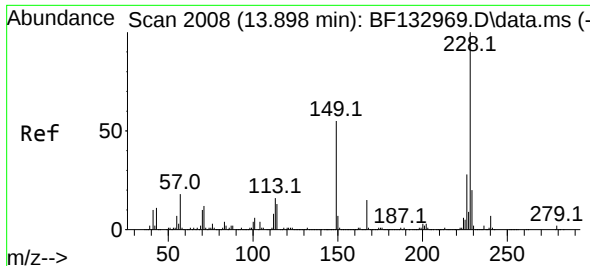
Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#80
 Butylbenzylphthalate
 Concen: 56.066 ng
 RT: 13.327 min Scan# 1911
 Delta R.T. -0.000 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57

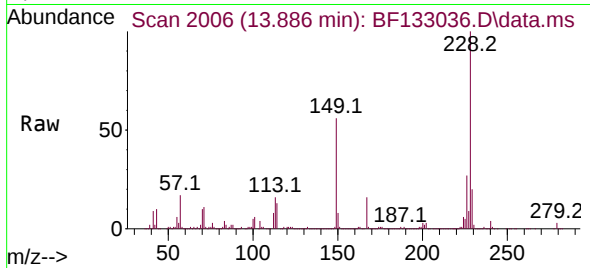
Tgt Ion:149 Resp: 761949
 Ion Ratio Lower Upper
 149 100
 91 68.0 53.8 80.6
 206 21.6 17.5 26.3





#81
Benzo(a)anthracene
Concen: 44.659 ng
RT: 13.886 min Scan# 2006
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

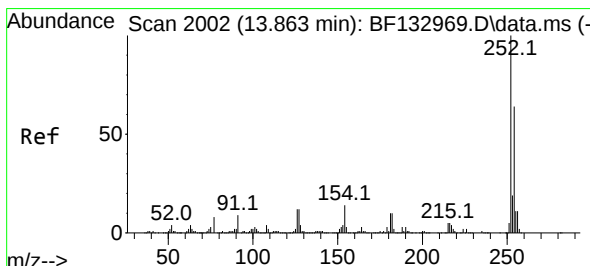
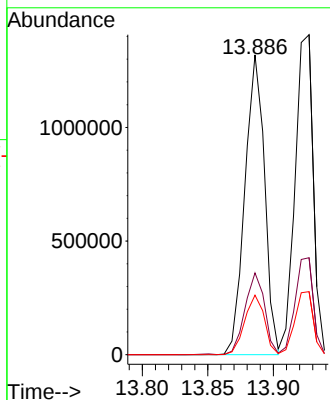
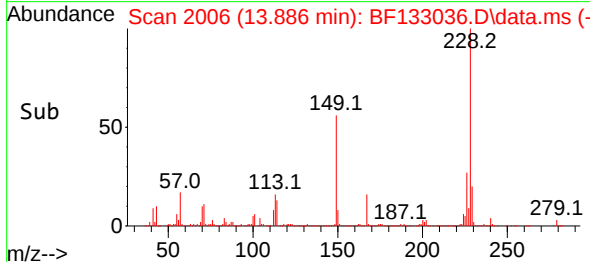
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



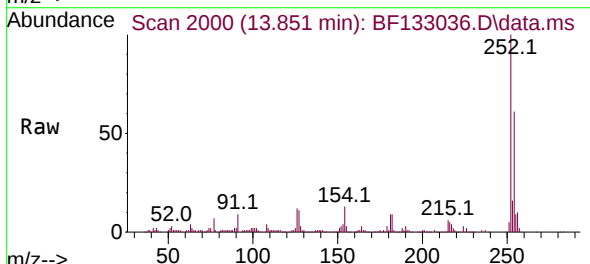
Tgt Ion:228 Resp: 137507
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.9 16.0 24.0

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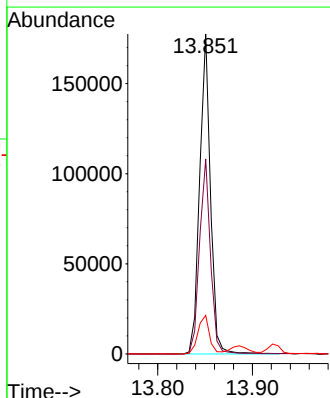
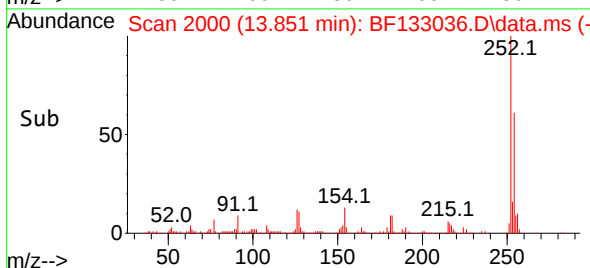
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023

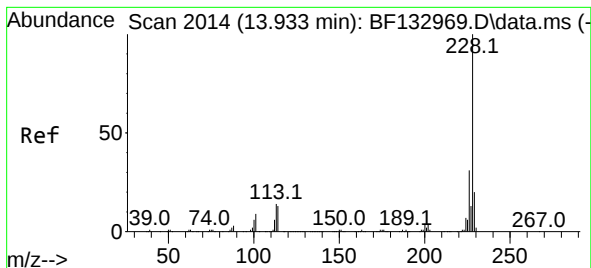


#82
3,3'-Dichlorobenzidine
Concen: 16.601 ng
RT: 13.851 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57



Tgt Ion:252 Resp: 141210
Ion Ratio Lower Upper
252 100
254 60.9 51.5 77.3
126 12.0 9.5 14.3





#83

Chrysene

Concen: 43.937 ng

RT: 13.927 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:228 Resp: 135249

Ion Ratio Lower Upper

228 100

226 30.3 24.7 37.1

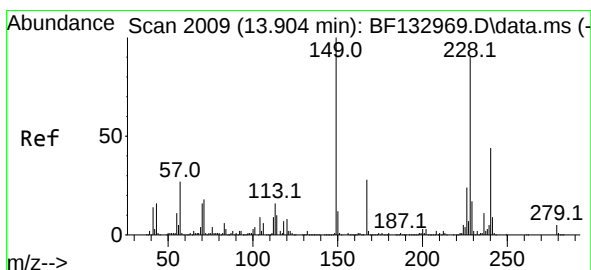
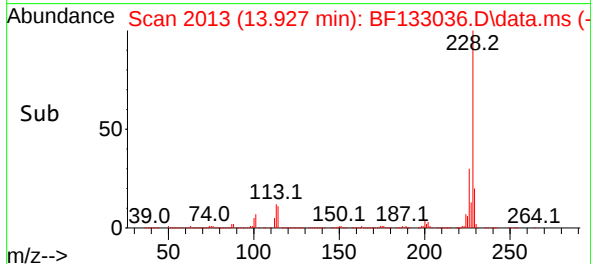
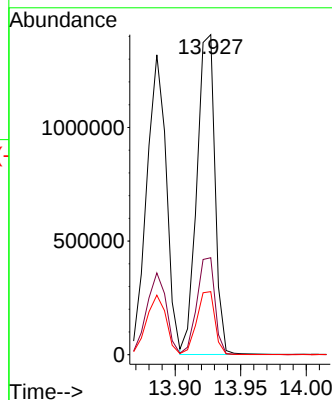
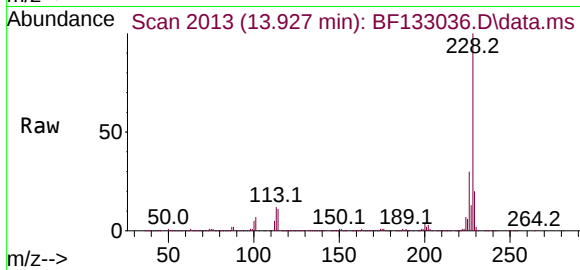
229 19.7 16.1 24.1

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.332 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

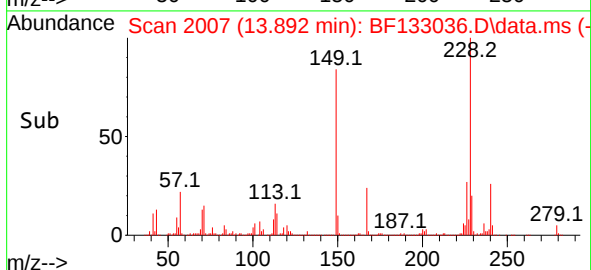
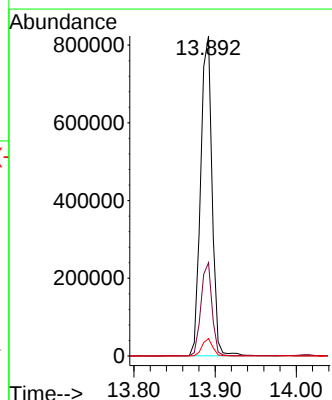
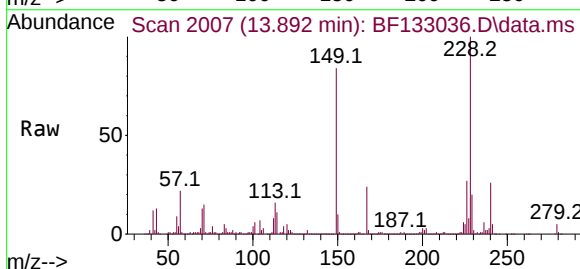
Tgt Ion:149 Resp: 807406

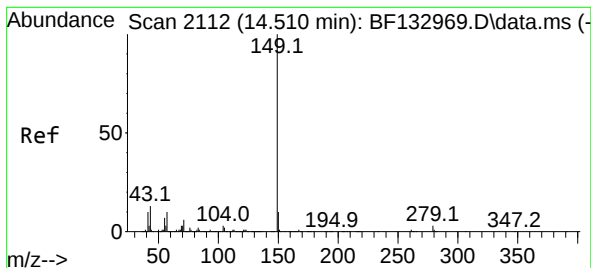
Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

279 5.5 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 46.660 ng

RT: 14.498 min Scan# 2110

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

Instrument :

BNA_F

ClientSampleId :

E-H4(ELEV-22)MS

Tgt Ion:149 Resp: 129783

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

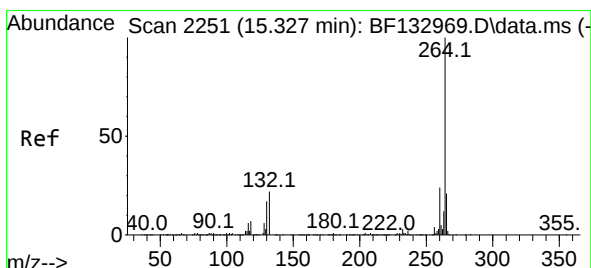
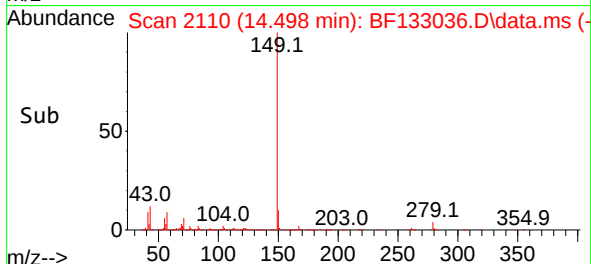
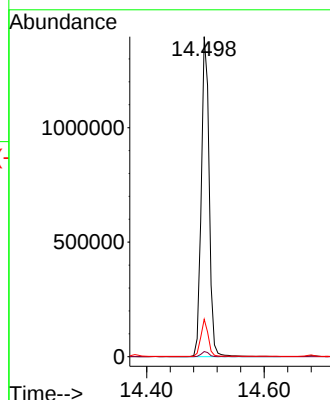
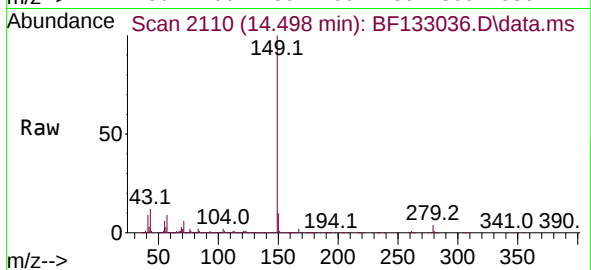
43 10.9 9.5 14.3

Manual Integrations

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Reviewed By :Christian Giraldo 04/26/2023

Supervised By :Jagrut Upadhyay 04/26/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.315 min Scan# 2249

Delta R.T. -0.000 min

Lab File: BF133036.D

Acq: 25 Apr 2023 19:57

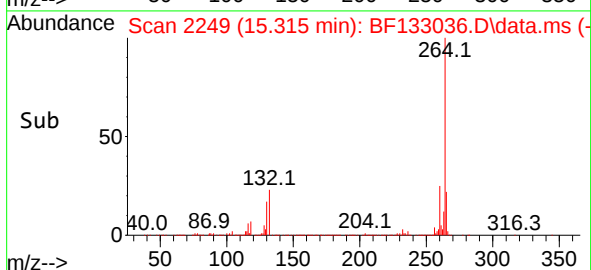
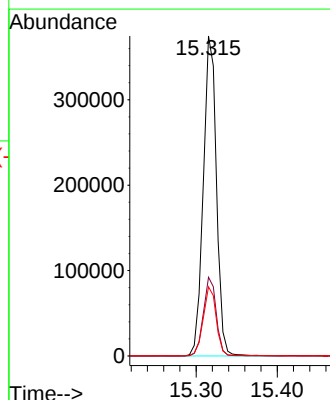
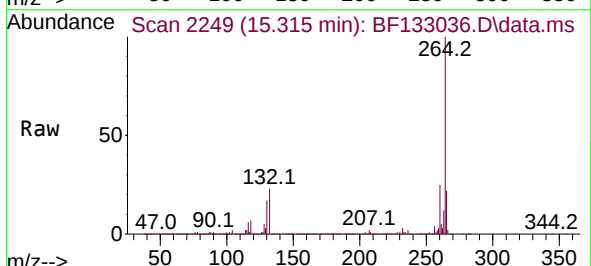
Tgt Ion:264 Resp: 421455

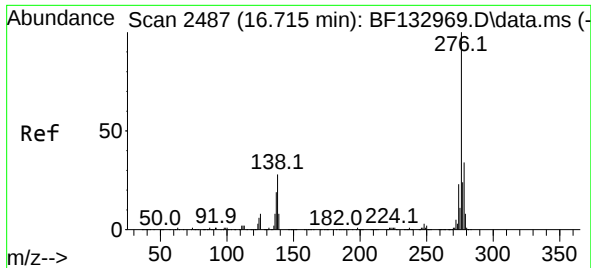
Ion Ratio Lower Upper

264 100

260 24.6 18.8 28.2

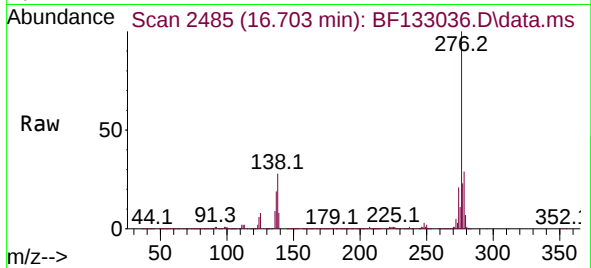
265 21.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 61.500 ng
RT: 16.703 min Scan# 2487
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

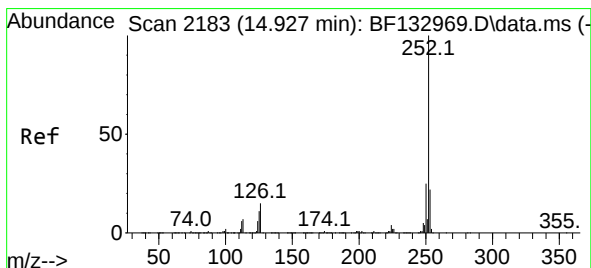
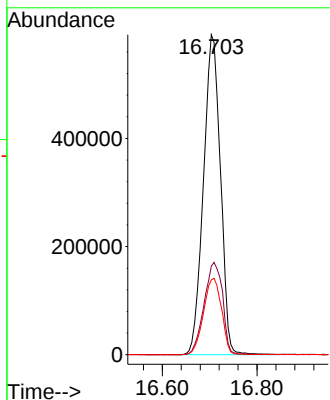
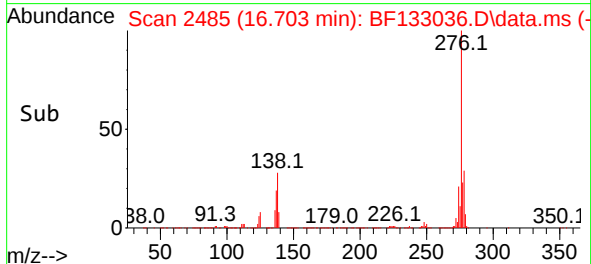
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:276 Resp: 1474350
Ion Ratio Lower Upper
276 100
138 31.3 25.5 38.3
277 25.3 20.4 30.6

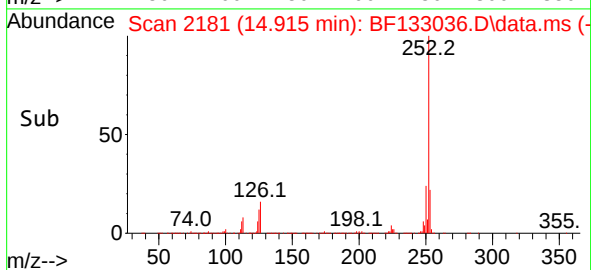
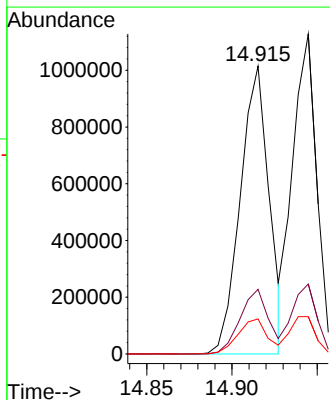
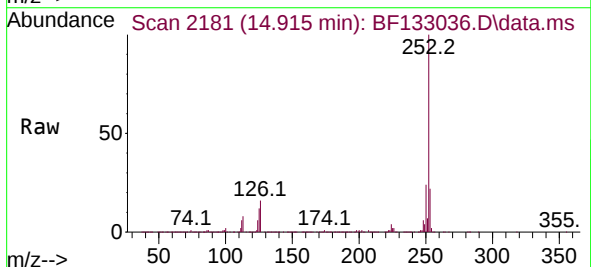
Manual Integrations
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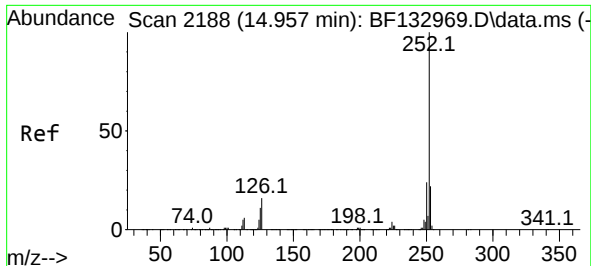
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#88
Benzo(b)fluoranthene
Concen: 44.509 ng
RT: 14.915 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

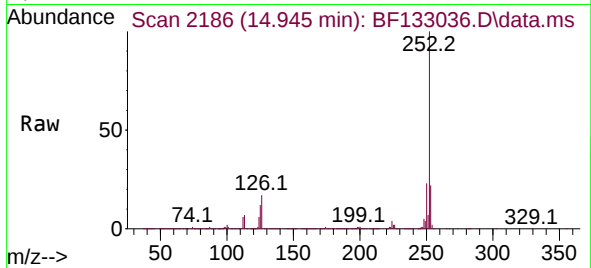
Tgt Ion:252 Resp: 1193406
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 12.2 8.9 13.3





#89
Benzo(k)fluoranthene
Concen: 41.762 ng
RT: 14.945 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

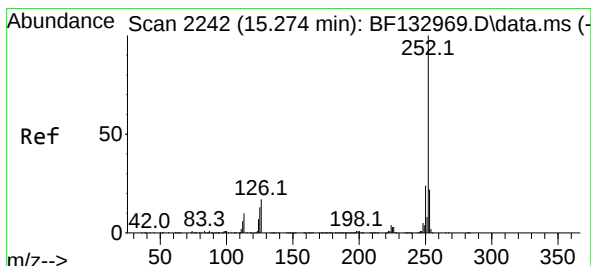
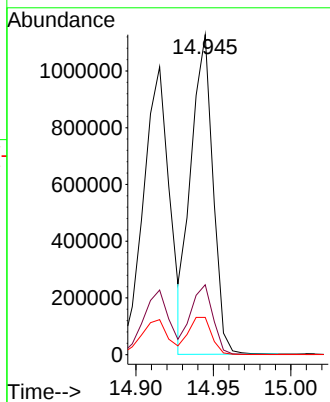
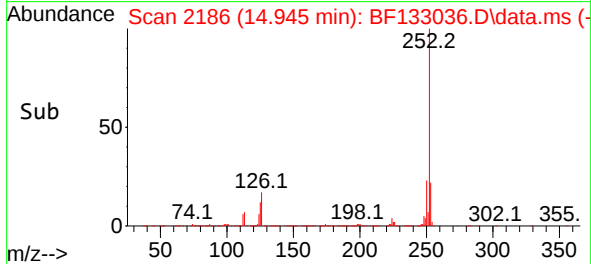
Instrument :
BNA_F
ClientSampleId :
E-H4(ELEV-22)MS



Tgt Ion:252 Resp: 1109994
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 11.7 9.0 13.4

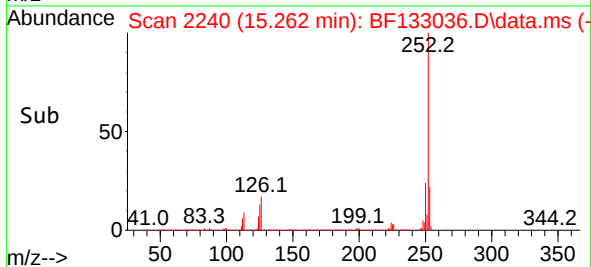
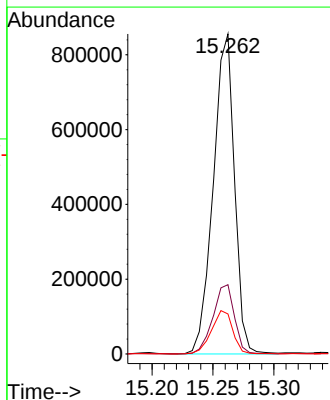
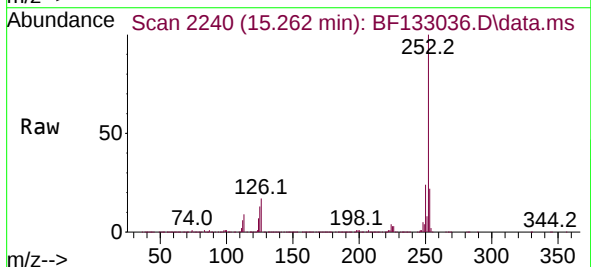
Manual Integrations
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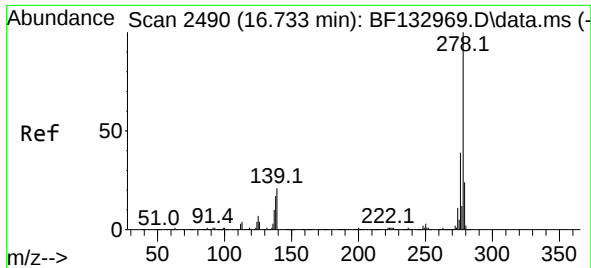
Reviewed By :Christian Giraldo 04/26/2023
Supervised By :Jagrut Upadhyay 04/26/2023



#90
Benzo(a)pyrene
Concen: 42.528 ng
RT: 15.262 min Scan# 2240
Delta R.T. -0.000 min
Lab File: BF133036.D
Acq: 25 Apr 2023 19:57

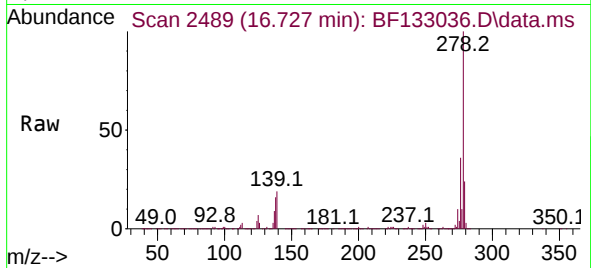
Tgt Ion:252 Resp: 1037900
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 12.5 10.5 15.7





#91
 Dibenzo(a,h)anthracene
 Concen: 60.528 ng
 RT: 16.727 min Scan# 2490
 Delta R.T. 0.006 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57

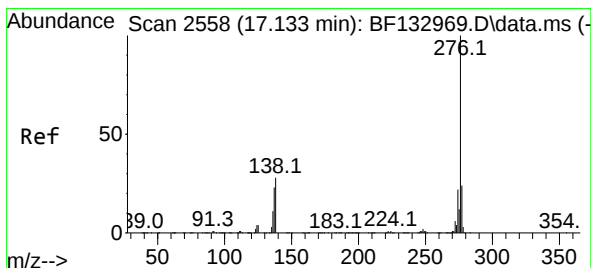
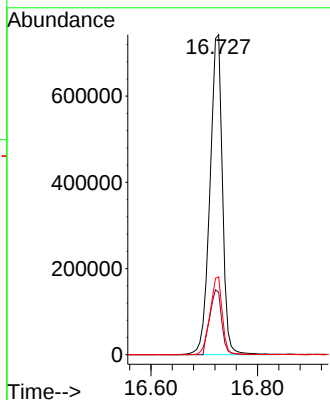
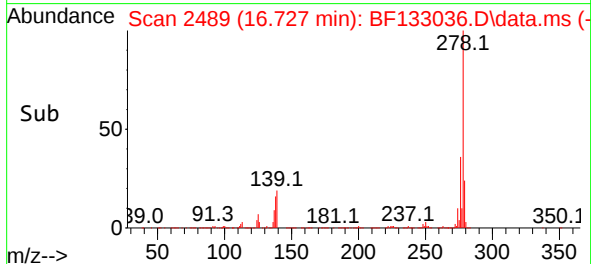
Instrument :
 BNA_F
 ClientSampleId :
 E-H4(ELEV-22)MS



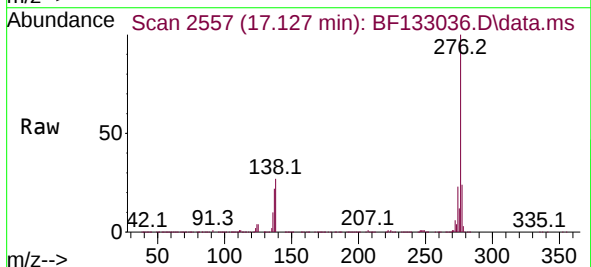
Tgt Ion:278 Resp: 1210254
 Ion Ratio Lower Upper
 278 100
 139 19.5 16.6 24.8
 279 24.3 18.8 28.2

Manual Integrations
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Reviewed By :Christian Giraldo 04/26/2023
 Supervised By :Jagrut Upadhyay 04/26/2023



#92
 Benzo(g,h,i)perylene
 Concen: 62.351 ng
 RT: 17.127 min Scan# 2557
 Delta R.T. 0.006 min
 Lab File: BF133036.D
 Acq: 25 Apr 2023 19:57



Tgt Ion:276 Resp: 1230802
 Ion Ratio Lower Upper
 276 100
 277 23.9 19.4 29.0
 138 26.5 22.7 34.1

