

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041123\
 Data File : BF132853.D
 Acq On : 11 Apr 2023 16:19
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF041123

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/12/2023
 Supervised By : Jagrut Upadhyay 04/12/2023

Quant Time: Apr 12 03:52:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF041123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 12 03:34:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	212269	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	824099	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	413787	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	737193	20.000	ng	0.00
76) Chrysene-d12	13.921	240	493322	20.000	ng	0.00
86) Perylene-d12	15.345	264	378272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	1097259	80.305	ng	0.00
7) Phenol-d6	6.398	99	1414738	80.280	ng	0.00
23) Nitrobenzene-d5	7.339	82	1279661	80.351	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	322071	87.580	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	2080828	79.552	ng	0.00
79) Terphenyl-d14	12.874	244	2267619	79.644	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	292	31.738	ng	# 100
3) Pyridine	3.181	79	750736	40.032	ng	99
4) n-Nitrosodimethylamine	3.134	42	361705	39.925	ng	100
6) Aniline	6.434	93	937312	41.149	ng	99
8) 2-Chlorophenol	6.551	128	555196	40.398	ng	98
9) Benzaldehyde	6.316	77	392768	41.601	ng	99
10) Phenol	6.410	94	813092	40.978	ng	99
11) bis(2-Chloroethyl)ether	6.510	93	576190	39.170	ng	99
12) 1,3-Dichlorobenzene	6.710	146	594381	39.196	ng	100
13) 1,4-Dichlorobenzene	6.786	146	598848	39.178	ng	99
14) 1,2-Dichlorobenzene	6.945	146	552453	38.486	ng	99
15) Benzyl Alcohol	6.910	79	494930	43.197	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.051	45	972535	39.598	ng	99
17) 2-Methylphenol	7.022	107	508101	40.546	ng	99
18) Hexachloroethane	7.286	117	204632	38.889	ng	97
19) n-Nitroso-di-n-propyla...	7.192	70	422332	42.094	ng	97
20) 3+4-Methylphenols	7.181	107	609372	40.689	ng	90
22) Acetophenone	7.181	105	760103	38.920	ng	# 91
24) Nitrobenzene	7.357	77	650932	40.338	ng	98
25) Isophorone	7.592	82	1157636	40.768	ng	97
26) 2-Nitrophenol	7.669	139	262623	45.624	ng	98
27) 2,4-Dimethylphenol	7.710	122	488801	42.031	ng	100
28) bis(2-Chloroethoxy)met...	7.810	93	675518	40.090	ng	100
29) 2,4-Dichlorophenol	7.910	162	455356	41.247	ng	98
30) 1,2,4-Trichlorobenzene	7.998	180	480725	39.439	ng	100
31) Naphthalene	8.080	128	1651791	39.278	ng	99
32) Benzoic acid	7.822	122	233652m	43.952	ng	
33) 4-Chloroaniline	8.128	127	690854	41.354	ng	99
34) Hexachlorobutadiene	8.198	225	264489	39.859	ng	99
35) Caprolactam	8.504	113	141809	44.714	ng	93
36) 4-Chloro-3-methylphenol	8.604	107	490575	41.654	ng	96
37) 2-Methylnaphthalene	8.769	142	1104459	39.270	ng	100
38) 1-Methylnaphthalene	8.869	142	1027498	39.170	ng	98
40) 1,2,4,5-Tetrachloroben...	8.933	216	449278	38.894	ng	100
41) Hexachlorocyclopentadiene	8.922	237	248169	39.909	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	294179	41.456	ng	98

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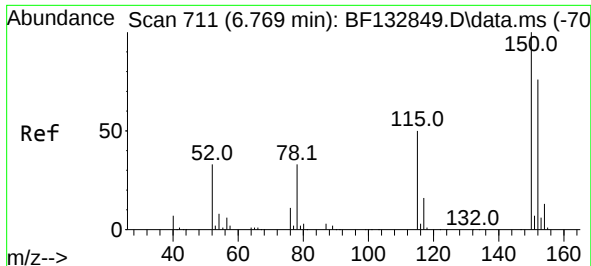
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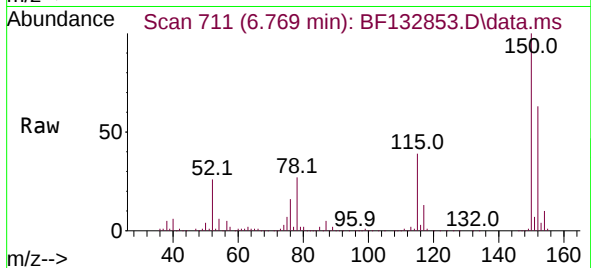
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	347802	41.501	ng	95
46) 1,1'-Biphenyl	9.233	154	1285051	38.532	ng	99
47) 2-Chloronaphthalene	9.257	162	945359	38.723	ng	99
48) 2-Nitroaniline	9.345	65	307711	42.713	ng	98
49) Acenaphthylene	9.669	152	1555070	39.403	ng	100
50) Dimethylphthalate	9.533	163	1104980	41.354	ng	100
51) 2,6-Dinitrotoluene	9.592	165	254900	41.816	ng	96
52) Acenaphthene	9.845	154	996279	39.287	ng	99
53) 3-Nitroaniline	9.757	138	309559	43.897	ng	91
54) 2,4-Dinitrophenol	9.857	184	115917	44.991	ng	93
55) Dibenzofuran	10.016	168	1399343	38.929	ng	99
56) 4-Nitrophenol	9.904	139	242795	43.681	ng	90
57) 2,4-Dinitrotoluene	9.992	165	329677	43.531	ng	96
58) Fluorene	10.357	166	1027624	38.758	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	266325	41.728	ng	99
60) Diethylphthalate	10.233	149	1000874	44.070	ng	99
61) 4-Chlorophenyl-phenylether	10.345	204	500958	39.714	ng	95
62) 4-Nitroaniline	10.369	138	299508	44.468	ng	96
63) Azobenzene	10.510	77	1159078	39.178	ng	99
65) 4,6-Dinitro-2-methylph...	10.398	198	151210	43.699	ng	97
66) n-Nitrosodiphenylamine	10.469	169	903115	40.148	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	316437	40.440	ng	98
68) Hexachlorobenzene	10.904	284	322898	39.858	ng	97
69) Atrazine	10.992	200	254315	46.115	ng	99
70) Pentachlorophenol	11.092	266	230075	43.120	ng	100
71) Phenanthrene	11.316	178	1567666	38.772	ng	99
72) Anthracene	11.363	178	1635413	39.564	ng	100
73) Carbazole	11.516	167	1435300	39.692	ng	99
74) Di-n-butylphthalate	11.857	149	1320170	45.307	ng	100
75) Fluoranthene	12.498	202	1603567	39.614	ng	99
77) Benzidine	12.621	184	201344	48.675	ng	96
78) Pyrene	12.727	202	1659259	39.375	ng	100
80) Butylbenzylphthalate	13.351	149	166585	53.415	ng	94
81) Benzo(a)anthracene	13.910	228	1346221	39.675	ng	99
82) 3,3'-Dichlorobenzidine	13.874	252	276994	42.489	ng	# 96
83) Chrysene	13.951	228	1299895	38.917	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	261700	53.987	ng	98
85) Di-n-octyl phthalate	14.527	149	363154	52.197	ng	# 86
87) Indeno(1,2,3-cd)pyrene	16.745	276	981245	40.129	ng	99
88) Benzo(b)fluoranthene	14.939	252	956363	39.174	ng	99
89) Benzo(k)fluoranthene	14.968	252	997617	39.782	ng	98
90) Benzo(a)pyrene	15.292	252	894804	40.865	ng	99
91) Dibenzo(a,h)anthracene	16.768	278	808483	40.235	ng	99
92) Benzo(g,h,i)perylene	17.168	276	829365	40.174	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

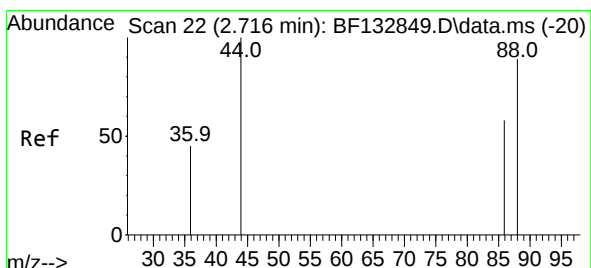
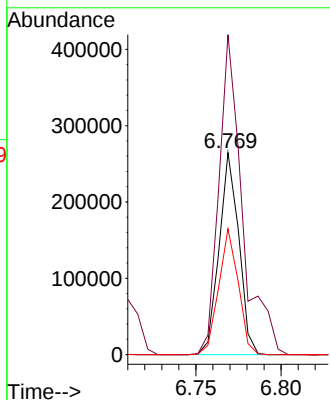
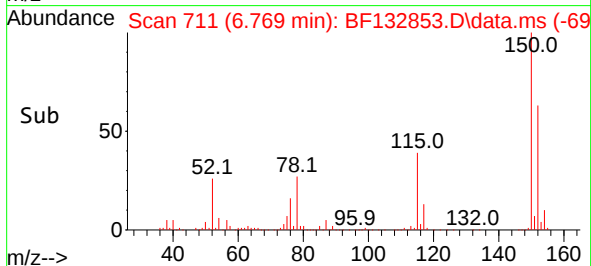
Instrument :
BNA_F
Client Sample Id :
ICVBF041123



Tgt Ion: 152 Resp: 212269
Ion Ratio Lower Upper
152 100
150 158.5 127.8 191.6
115 62.3 52.2 78.4

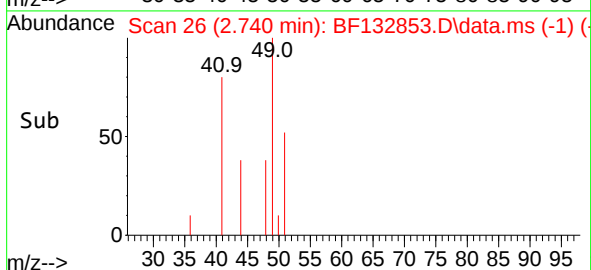
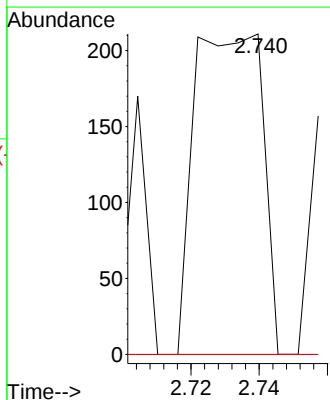
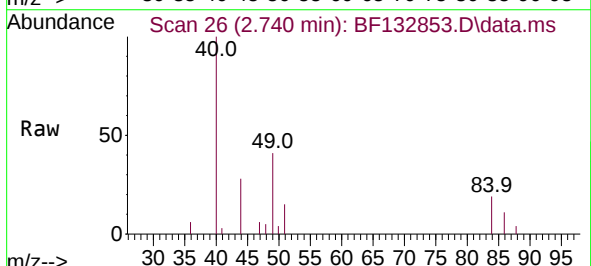
Manual Integrations
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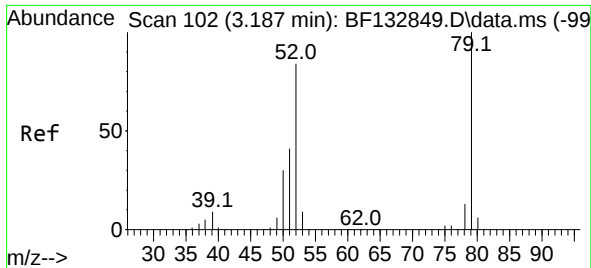
Reviewed By : Christian Giraldo 04/12/2023
Supervised By : Jagrut Upadhyay 04/12/2023



#2
1,4-Dioxane
Concen: 31.738 ng
RT: 2.740 min Scan# 26
Delta R.T. 0.024 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion: 88 Resp: 292
Ion Ratio Lower Upper
88 100
58 0.0 0.0 0.0
43 0.0 0.0 0.0





#3
Pyridine
Concen: 40.032 ng
RT: 3.181 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

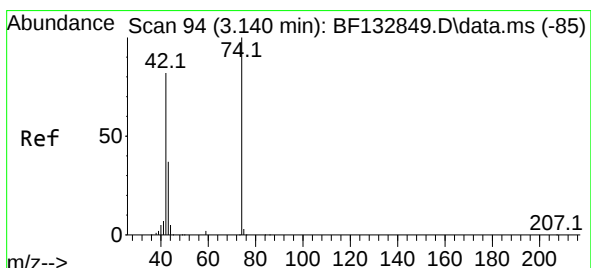
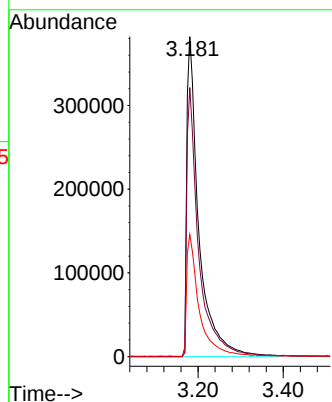
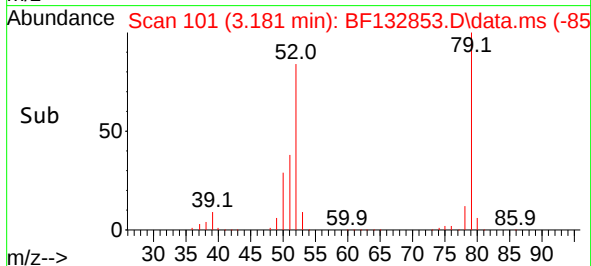
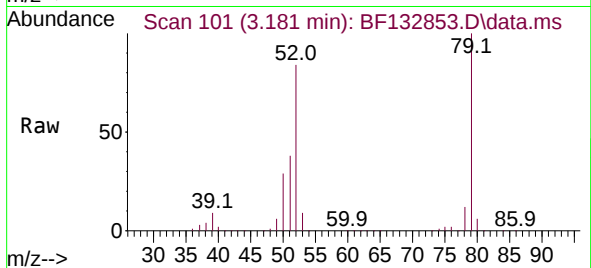
ICVBF041123

Tgt Ion: 79 Resp: 750736
Ion Ratio Lower Upper
79 100
52 84.1 67.3 100.9
51 38.1 32.6 48.8

Manual Integrations

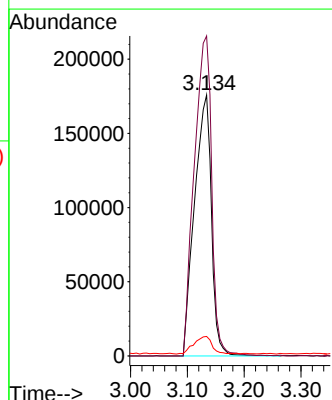
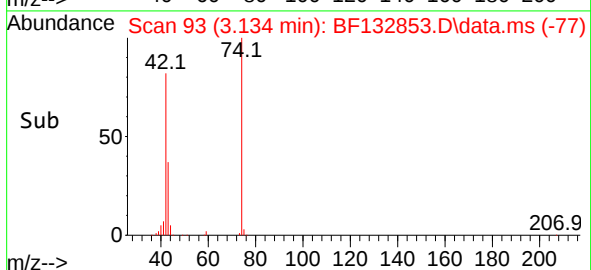
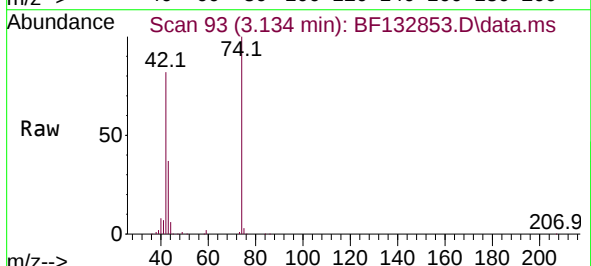
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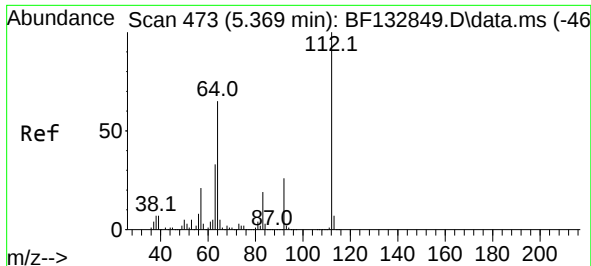
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#4
n-Nitrosodimethylamine
Concen: 39.925 ng
RT: 3.134 min Scan# 93
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion: 42 Resp: 361705
Ion Ratio Lower Upper
42 100
74 122.6 97.7 146.5
44 7.5 6.0 9.0





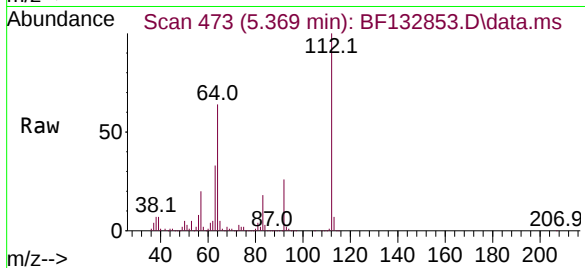
#5
2-Fluorophenol
Concen: 80.305 ng
RT: 5.369 min Scan# 473
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

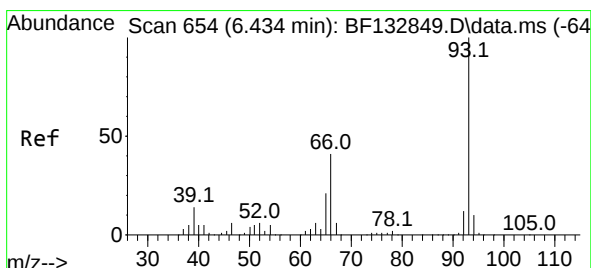
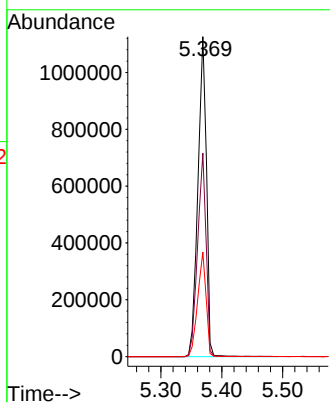
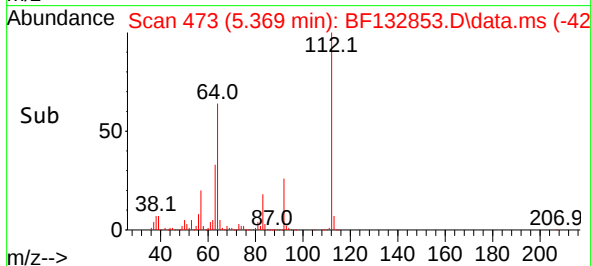


Tgt Ion: 112 Resp: 1097259
Ion Ratio Lower Upper
112 100
64 63.6 51.7 77.5
63 32.7 26.4 39.6

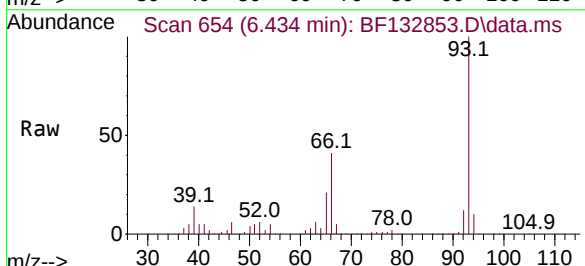
Manual Integrations

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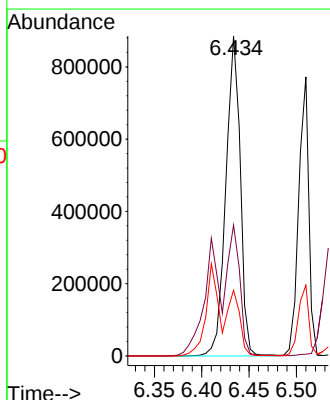
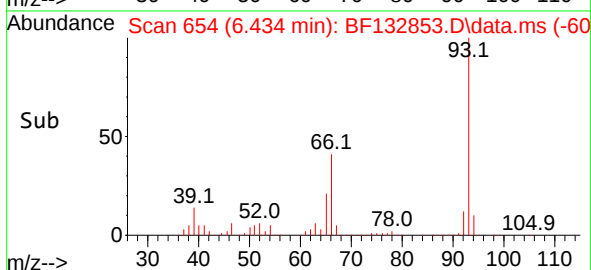
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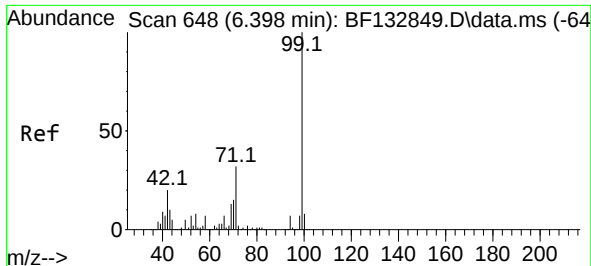


#6
Aniline
Concen: 41.149 ng
RT: 6.434 min Scan# 654
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



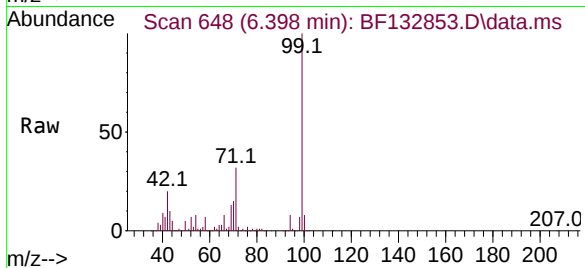
Tgt Ion: 93 Resp: 937312
Ion Ratio Lower Upper
93 100
66 40.9 33.0 49.4
65 20.5 16.8 25.2





#7
Phenol-d6
Concen: 80.280 ng
RT: 6.398 min Scan# 648
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

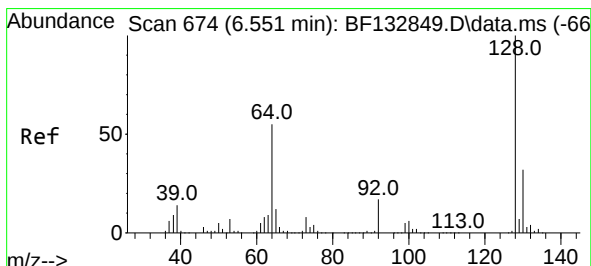
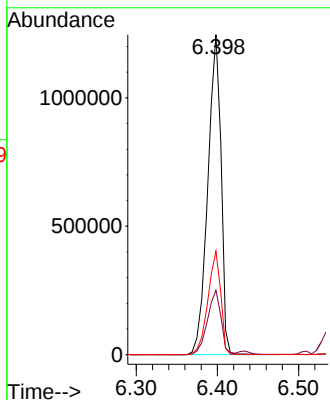
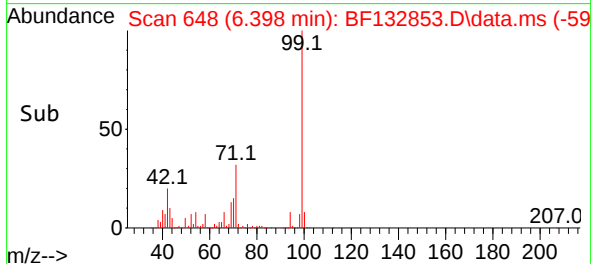
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1414738
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 32.3 25.8 38.6

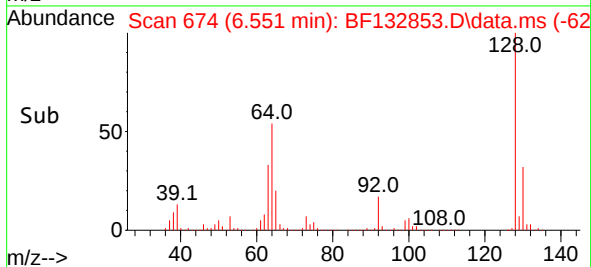
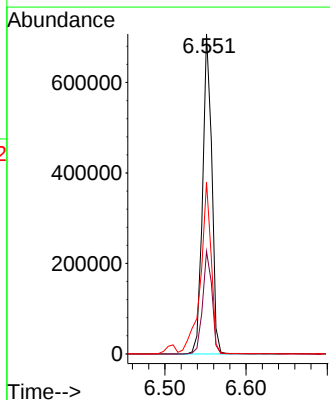
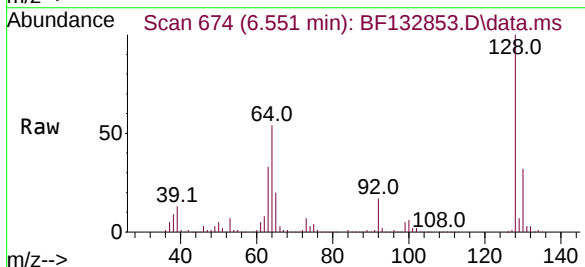
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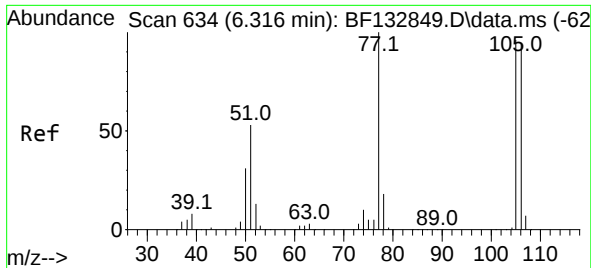
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#8
2-Chlorophenol
Concen: 40.398 ng
RT: 6.551 min Scan# 674
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:128 Resp: 555196
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 53.7 35.4 75.4





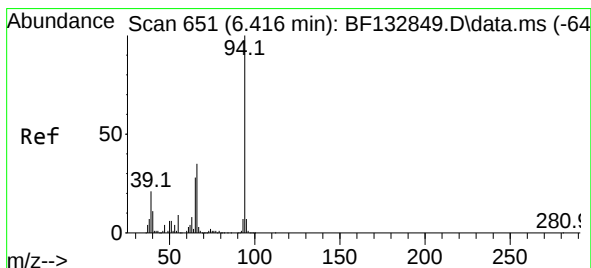
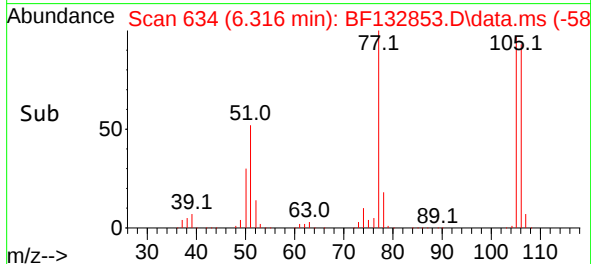
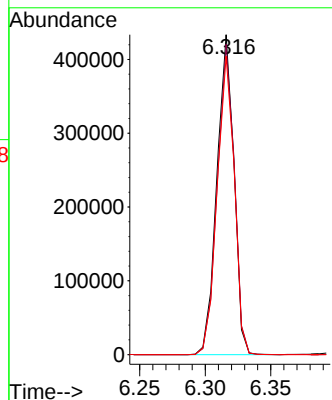
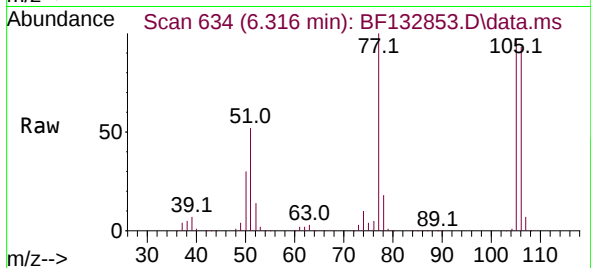
#9
Benzaldehyde
Concen: 41.601 ng
RT: 6.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :
BNA_F
ClientSampleId :
ICVBF041123

Tgt Ion: 77 Resp: 392768
Ion Ratio Lower Upper
77 100
105 97.0 76.4 116.4
106 93.2 73.8 113.8

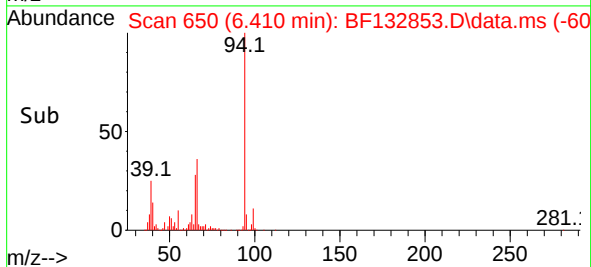
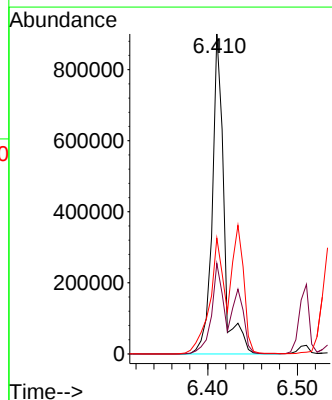
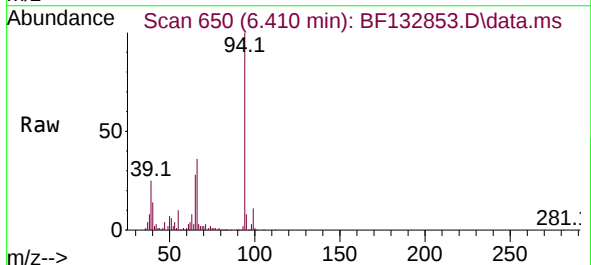
Manual Integrations
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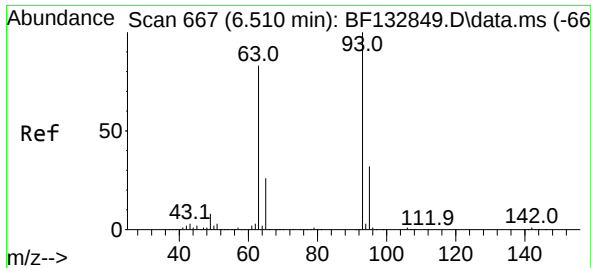
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#10
Phenol
Concen: 40.978 ng
RT: 6.410 min Scan# 650
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion: 94 Resp: 813092
Ion Ratio Lower Upper
94 100
65 28.3 7.7 47.7
66 36.2 15.2 55.2





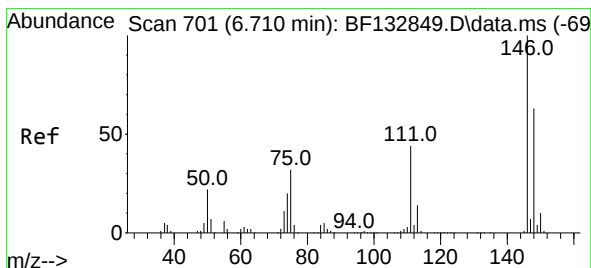
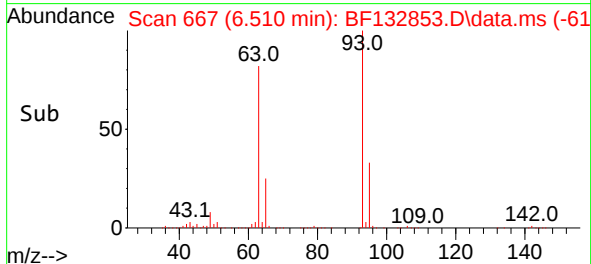
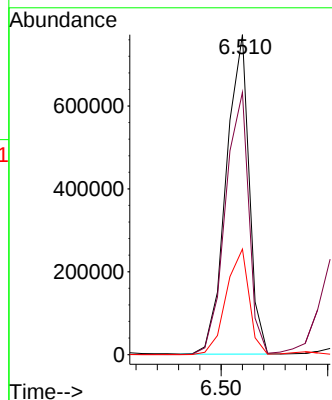
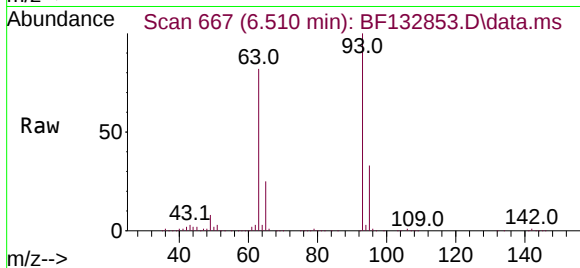
#11
bis(2-Chloroethyl)ether
Concen: 39.170 ng
RT: 6.510 min Scan# 667
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :
BNA_F
Client Sample Id :
ICVBF041123

Tgt Ion: 93 Resp: 576190
Ion Ratio Lower Upper
93 100
63 82.0 63.3 103.3
95 33.0 12.4 52.4

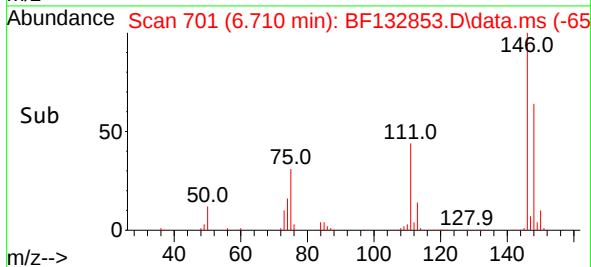
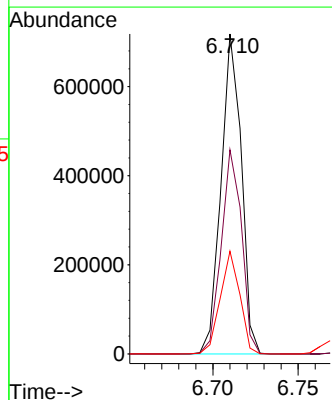
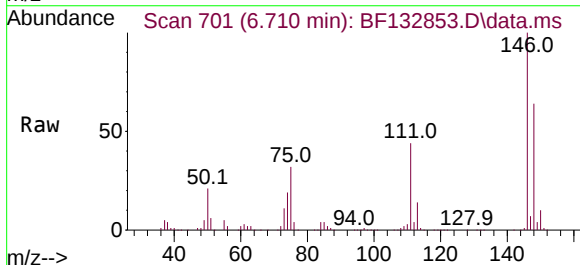
Manual Integrations
APPROVED

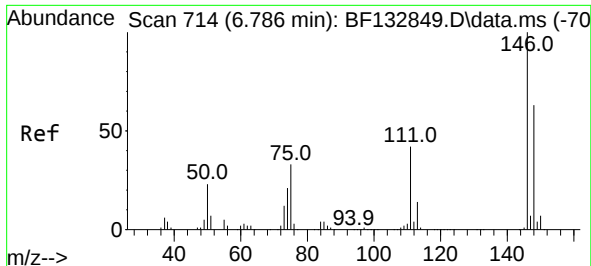
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#12
1,3-Dichlorobenzene
Concen: 39.196 ng
RT: 6.710 min Scan# 701
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

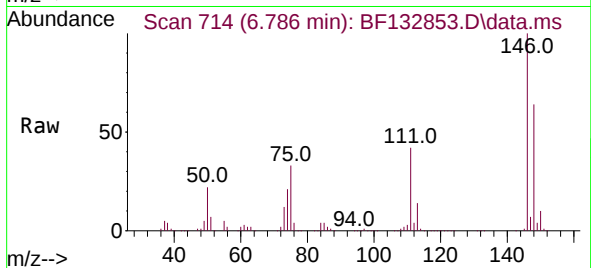
Tgt Ion:146 Resp: 594381
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
75 32.1 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 39.178 ng
RT: 6.786 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

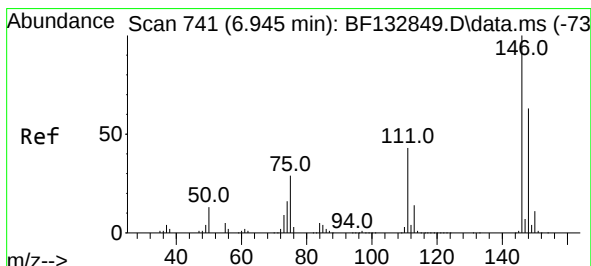
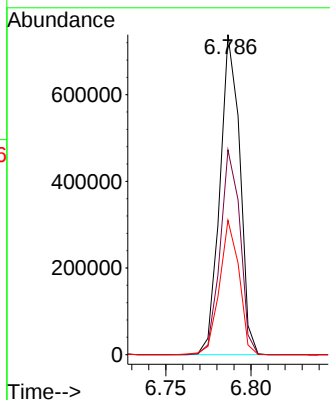
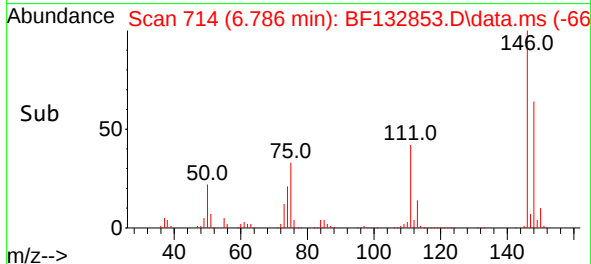
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



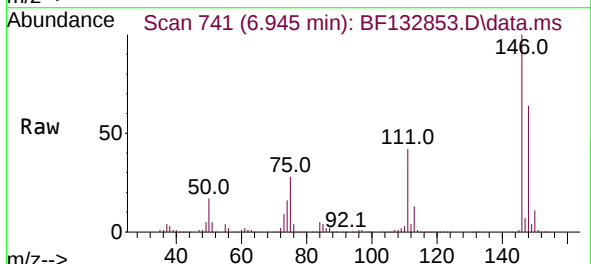
Tgt Ion:146 Resp: 598848
Ion Ratio Lower Upper
146 100
148 64.0 50.6 76.0
111 42.0 33.8 50.6

Manual Integrations
APPROVED

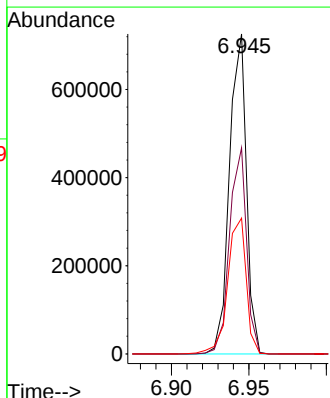
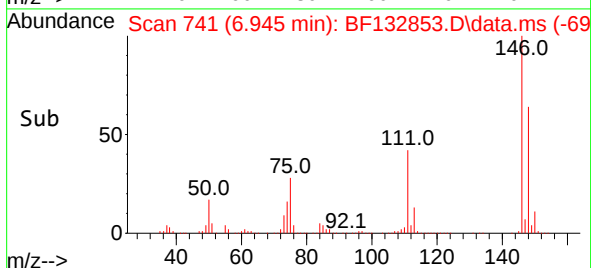
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

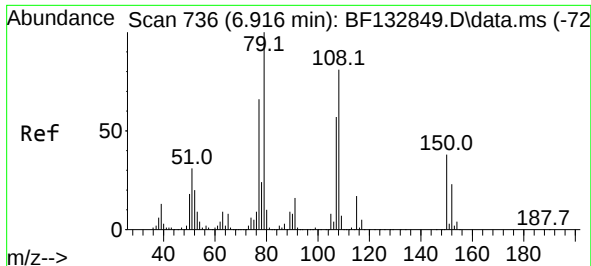


#14
1,2-Dichlorobenzene
Concen: 38.486 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



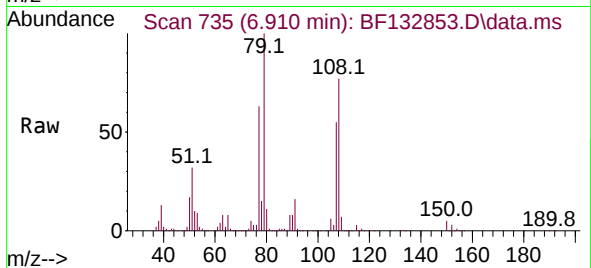
Tgt Ion:146 Resp: 552453
Ion Ratio Lower Upper
146 100
148 64.4 50.6 75.8
111 42.4 34.2 51.4





#15
Benzyl Alcohol
Concen: 43.197 ng
RT: 6.910 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

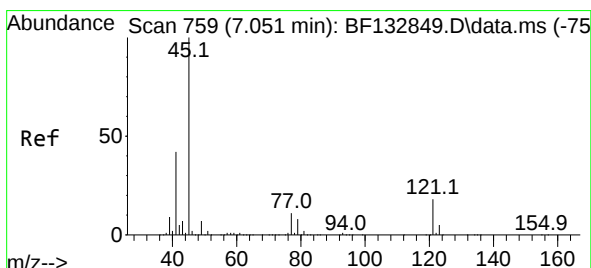
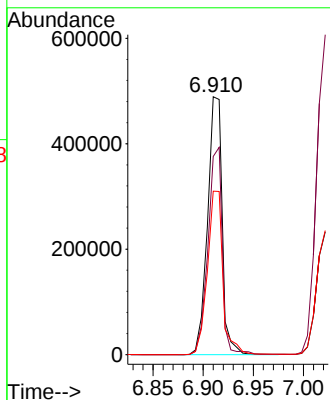
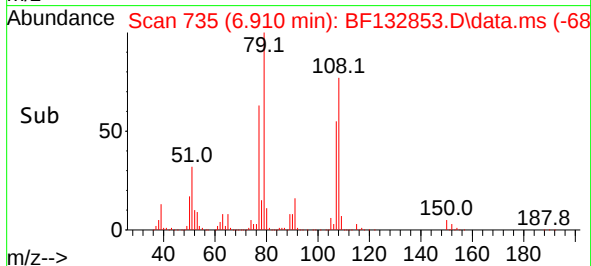
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



Tgt Ion: 79 Resp: 494930
Ion Ratio Lower Upper
79 100
108 76.8 65.0 97.6
77 63.4 53.0 79.4

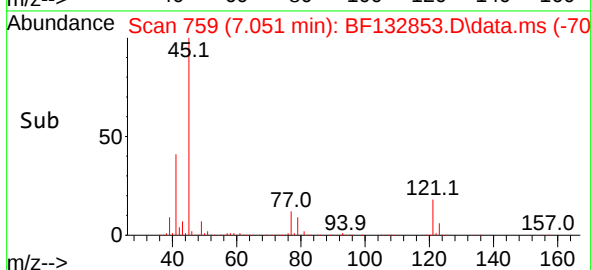
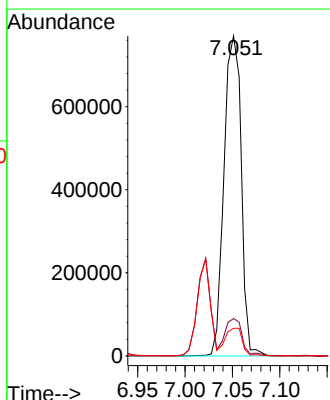
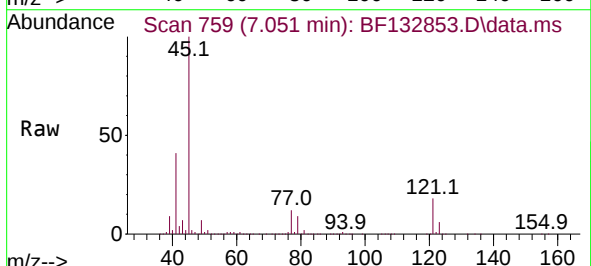
Manual Integrations
APPROVED

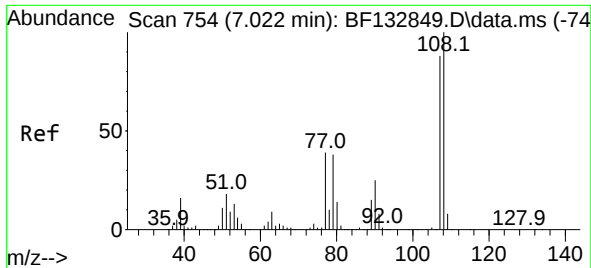
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.598 ng
RT: 7.051 min Scan# 759
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

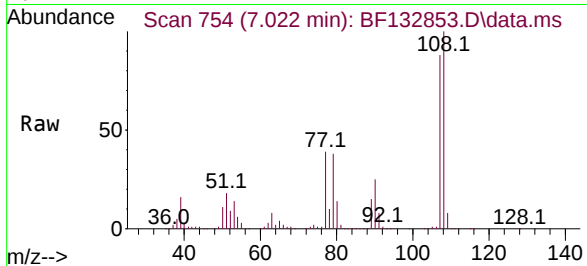
Tgt Ion: 45 Resp: 972535
Ion Ratio Lower Upper
45 100
77 11.7 0.0 31.2
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 40.546 ng
RT: 7.022 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

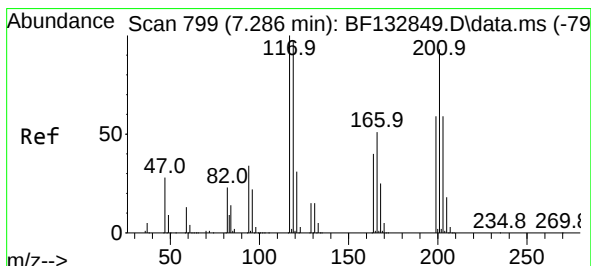
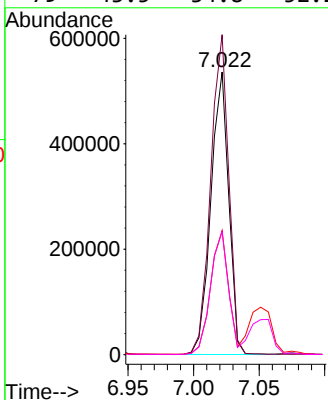
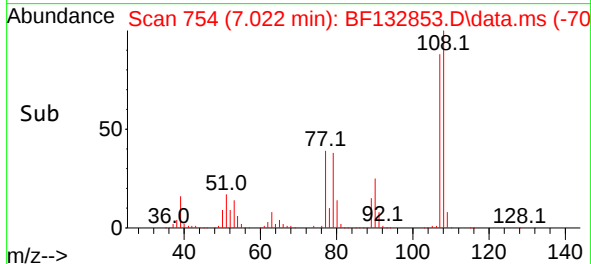
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



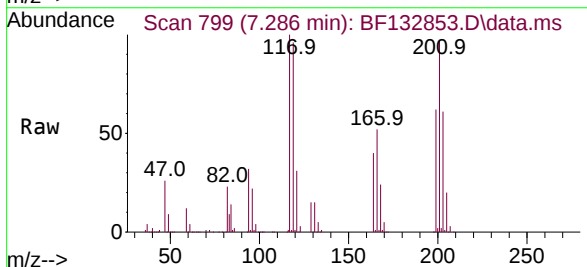
Tgt Ion:107 Resp: 50810
Ion Ratio Lower Upper
107 100
108 113.2 91.4 137.0
77 43.9 35.5 53.3
79 43.5 34.8 52.2

Manual Integrations
APPROVED

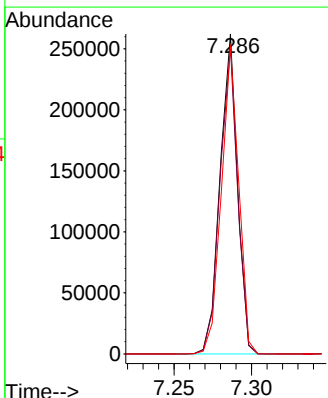
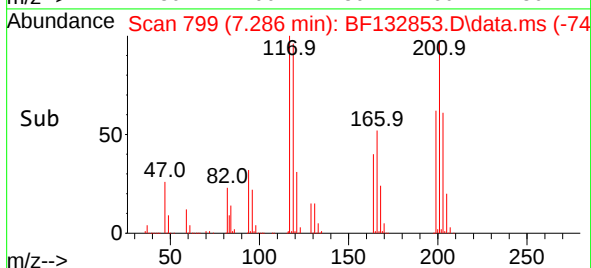
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

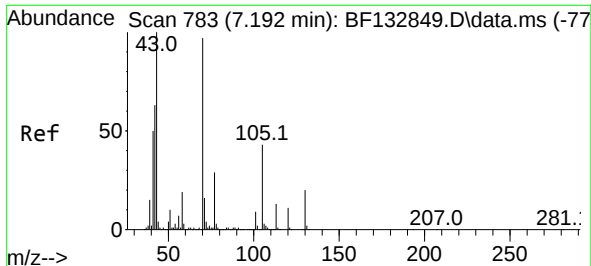


#18
Hexachloroethane
Concen: 38.889 ng
RT: 7.286 min Scan# 799
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:117 Resp: 204632
Ion Ratio Lower Upper
117 100
119 95.9 77.8 116.6
201 96.6 74.2 111.4





#19

n-Nitroso-di-n-propylamine

Concen: 42.094 ng

RT: 7.192 min Scan# 783

Delta R.T. 0.000 min

Lab File: BF132853.D

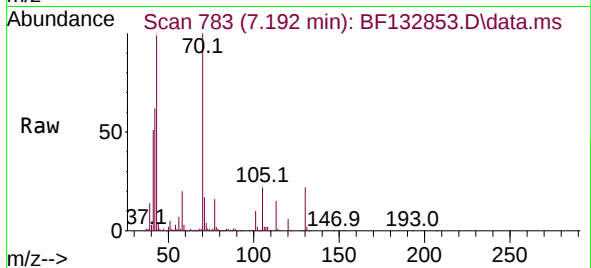
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123



Tgt Ion: 70 Resp: 422332

Ion Ratio Lower Upper

70 100

42 62.1 51.6 77.4

101 10.0 7.5 11.3

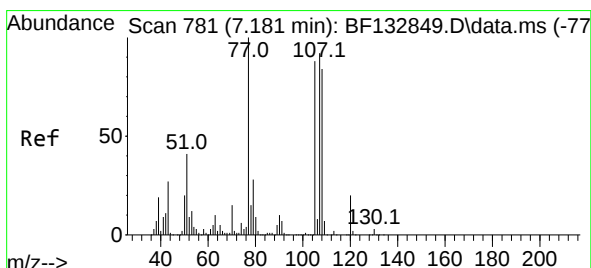
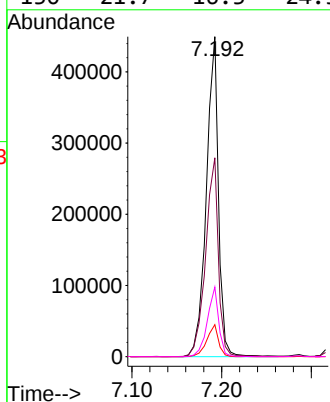
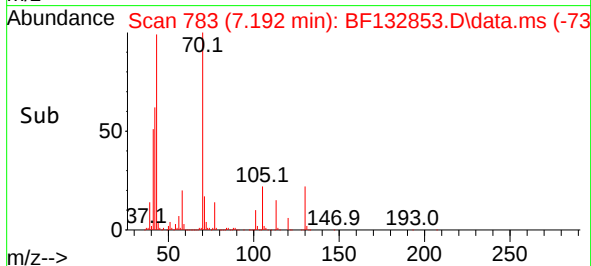
130 21.7 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#20

3+4-Methylphenols

Concen: 40.689 ng

RT: 7.181 min Scan# 781

Delta R.T. -0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Tgt Ion:107 Resp: 609372

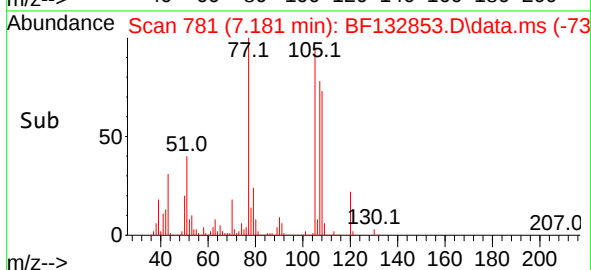
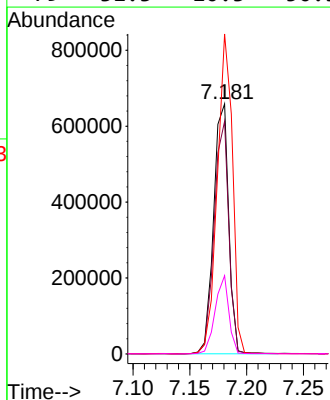
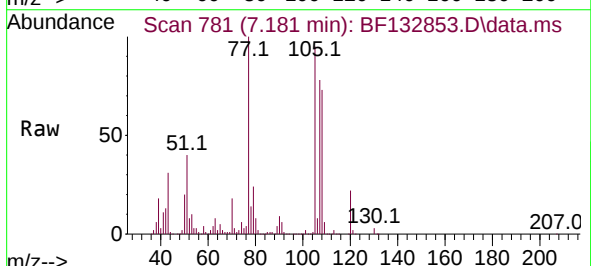
Ion Ratio Lower Upper

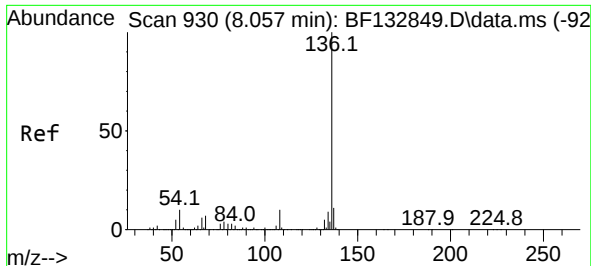
107 100

108 93.0 71.1 111.1

77 128.0 88.5 128.5

79 31.3 10.3 50.3





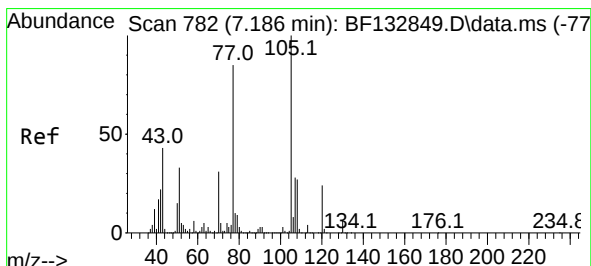
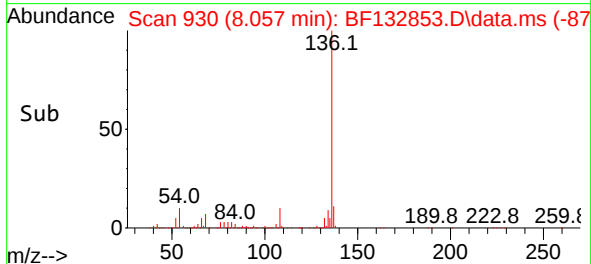
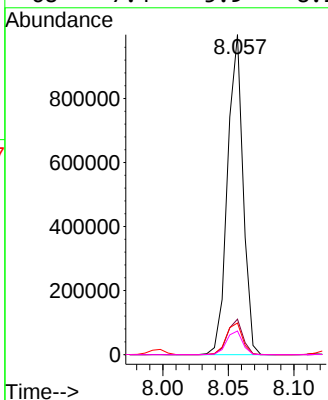
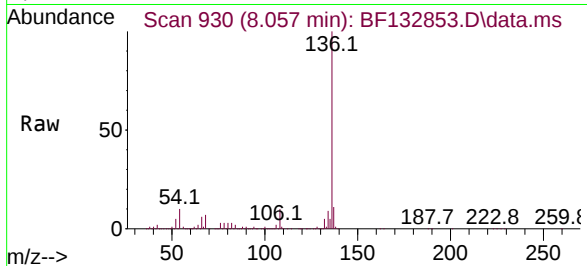
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :
BNA_F
Client Sample Id :
ICVBF041123

Tgt Ion:	136	Resp:	824099
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	9.9	8.2	12.2
68	7.4	5.9	8.9

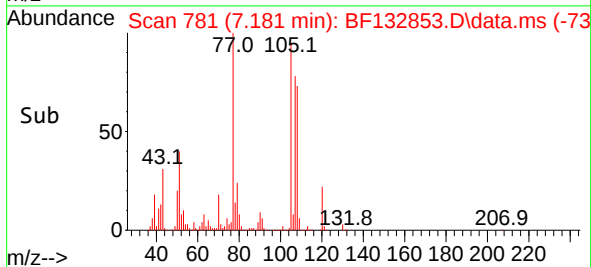
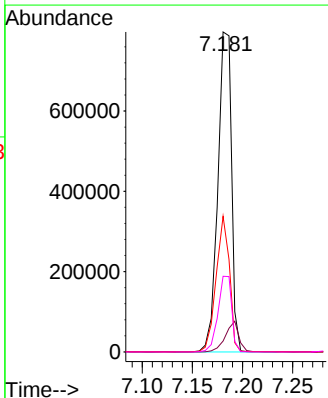
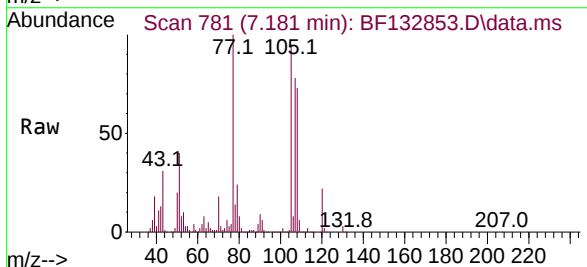
Manual Integrations
APPROVED

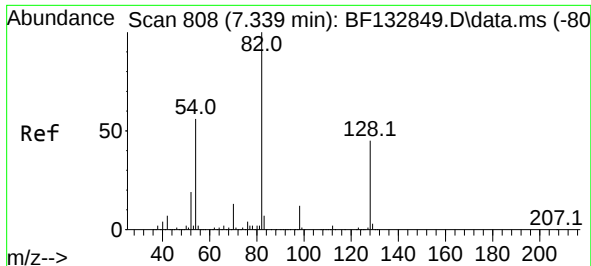
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#22
Acetophenone
Concen: 38.920 ng
RT: 7.181 min Scan# 781
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:	105	Resp:	760103
Ion Ratio	Lower	Upper	
105	100		
71	3.4	4.1	6.1#
51	42.4	26.6	39.8#
120	23.6	19.0	28.6





#23
Nitrobenzene-d5
Concen: 80.351 ng
RT: 7.339 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

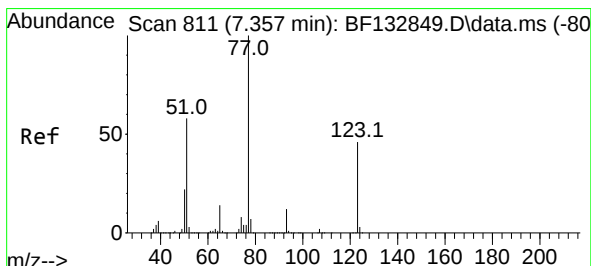
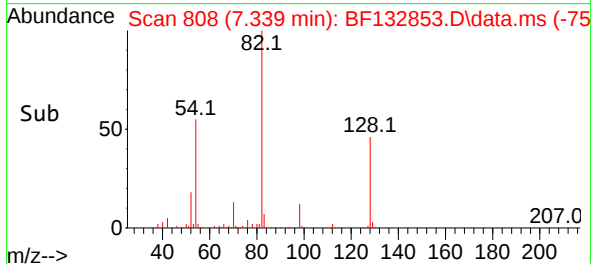
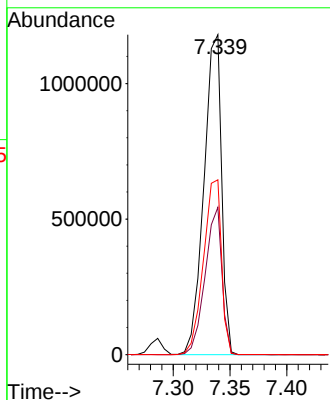
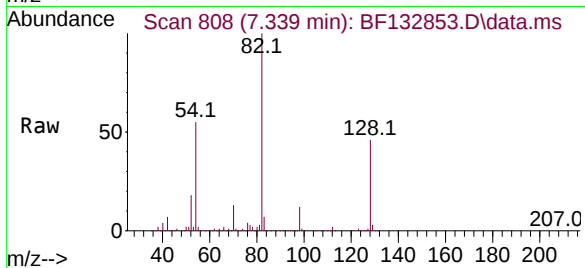
ClientSampleId :

ICVBF041123

Tgt Ion: 82 Resp: 127966
Ion Ratio Lower Upper
82 100
128 46.0 35.9 53.9
54 54.6 44.6 67.0

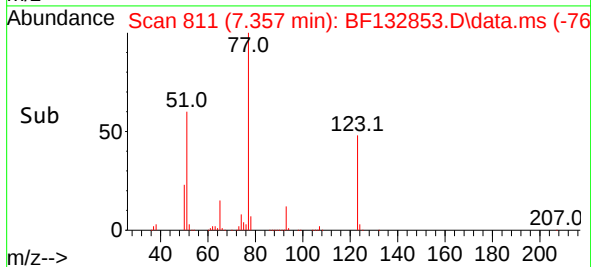
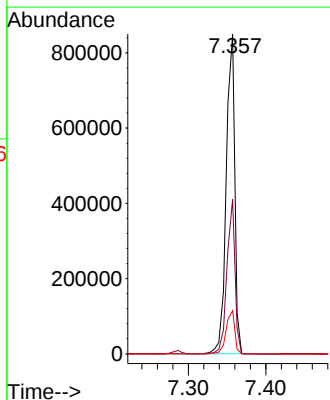
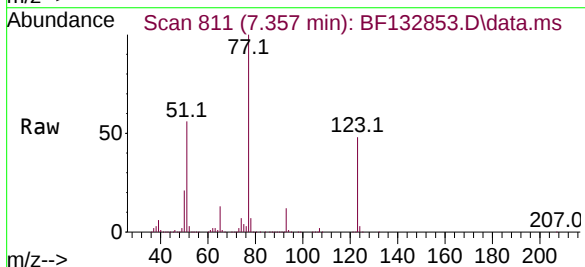
Manual Integrations
APPROVED

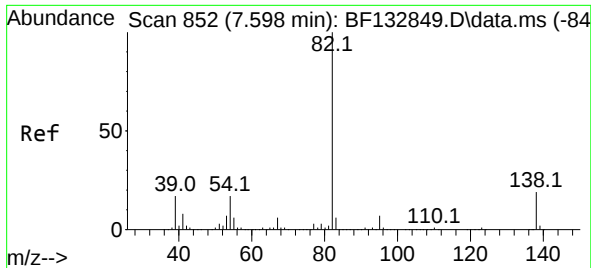
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#24
Nitrobenzene
Concen: 40.338 ng
RT: 7.357 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion: 77 Resp: 650932
Ion Ratio Lower Upper
77 100
123 48.3 37.0 55.4
65 13.5 10.8 16.2





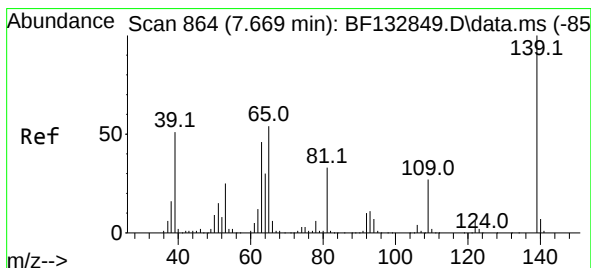
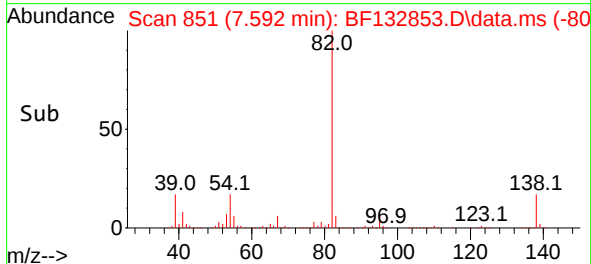
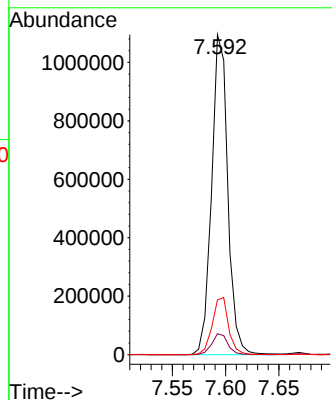
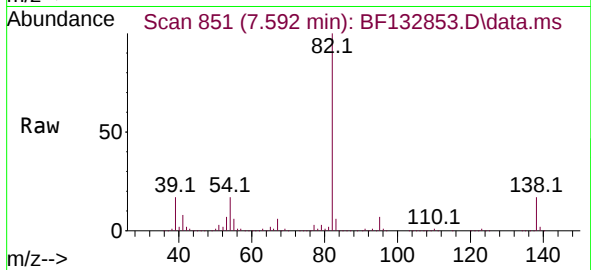
#25
Isophorone
Concen: 40.768 ng
RT: 7.592 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :
BNA_F
Client Sample Id :
ICVBF041123

Tgt Ion: 82 Resp: 1157636
Ion Ratio Lower Upper
82 100
95 6.5 5.4 8.0
138 17.1 15.2 22.8

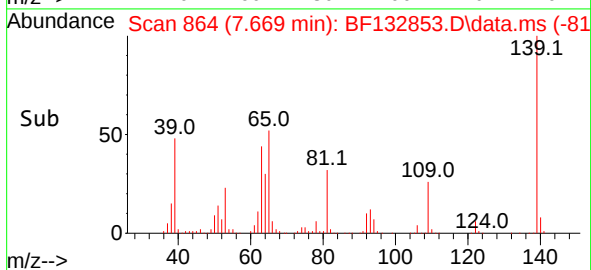
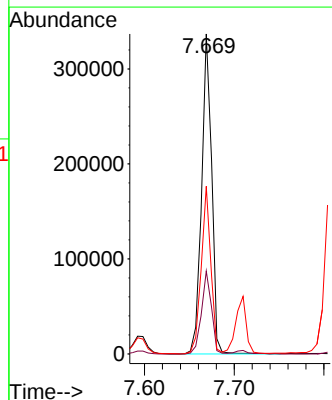
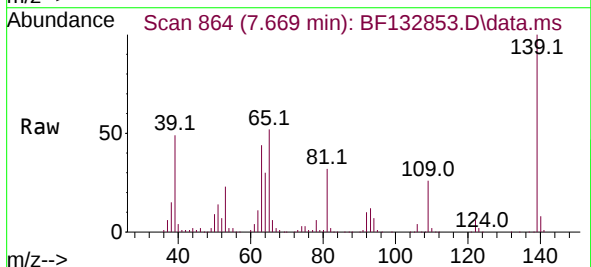
Manual Integrations
APPROVED

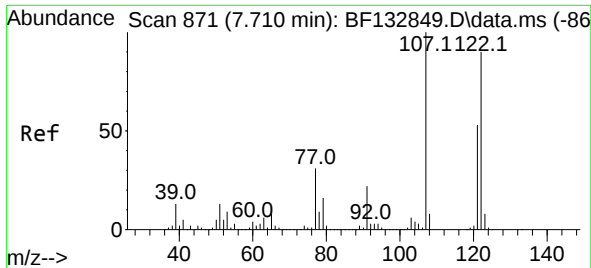
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#26
2-Nitrophenol
Concen: 45.624 ng
RT: 7.669 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:139 Resp: 262623
Ion Ratio Lower Upper
139 100
109 25.9 21.3 31.9
65 52.4 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 42.031 ng

RT: 7.710 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF132853.D

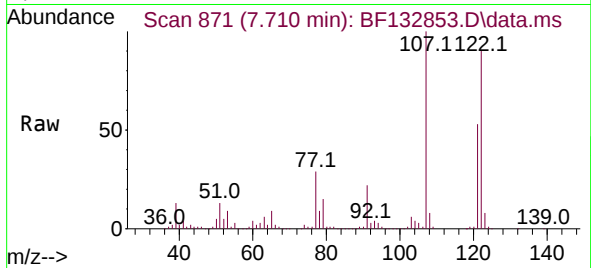
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123



Tgt Ion:122 Resp: 488801

Ion Ratio Lower Upper

122 100

107 111.6 89.1 133.7

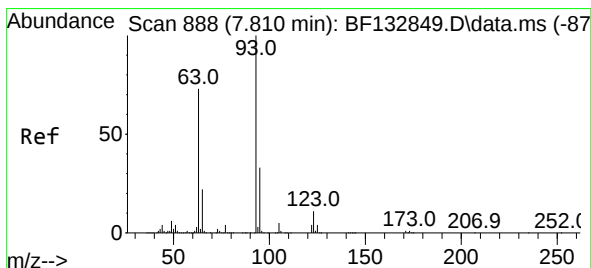
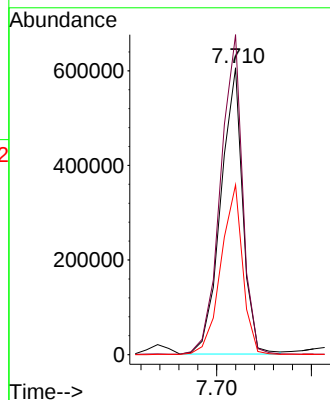
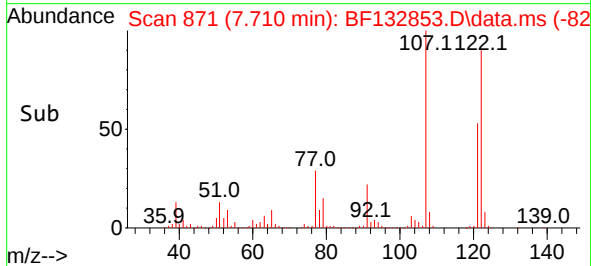
121 59.2 47.1 70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.090 ng

RT: 7.810 min Scan# 888

Delta R.T. -0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

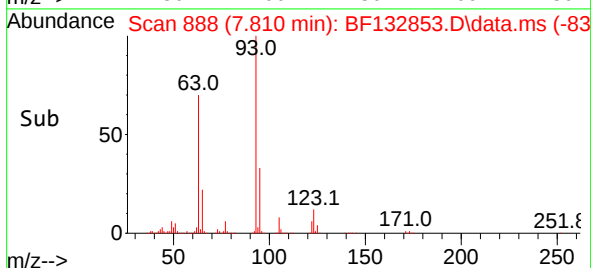
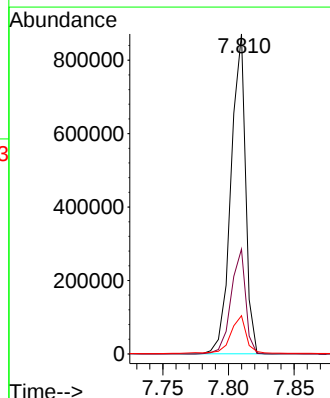
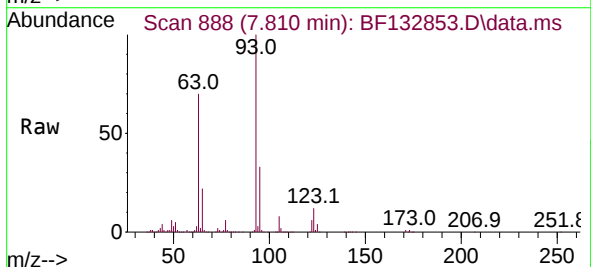
Tgt Ion: 93 Resp: 675518

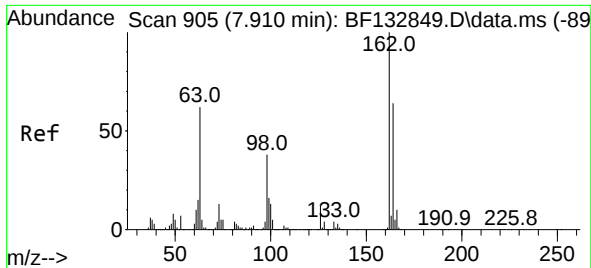
Ion Ratio Lower Upper

93 100

95 32.7 26.3 39.5

123 11.9 9.3 13.9





#29

2,4-Dichlorophenol

Concen: 41.247 ng

RT: 7.910 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

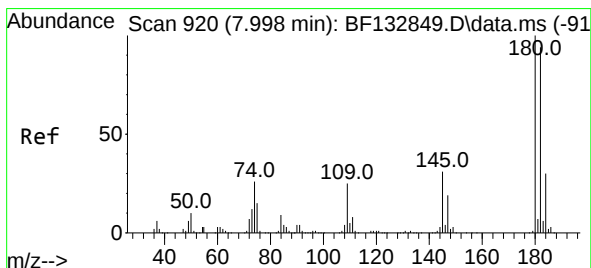
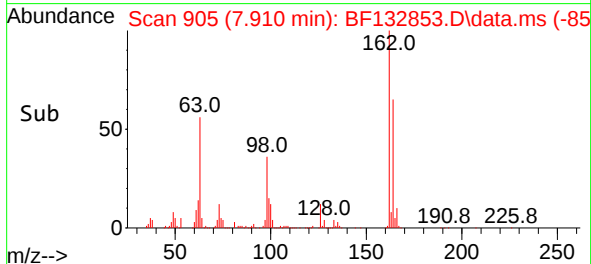
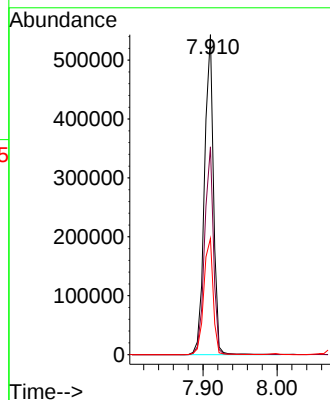
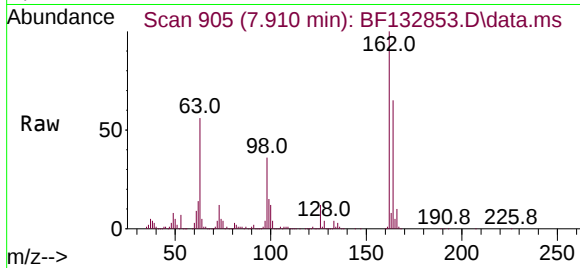
ICVBF041123

Tgt Ion:162 Resp: 455356
 Ion Ratio Lower Upper
 162 100
 164 64.9 43.5 83.5
 98 36.3 18.0 58.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.439 ng

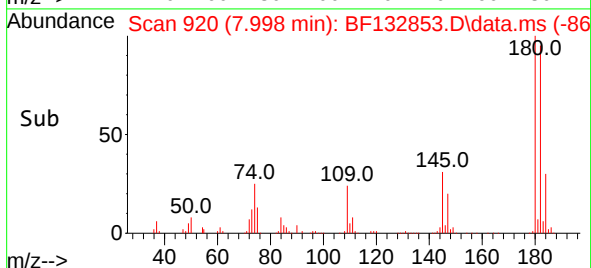
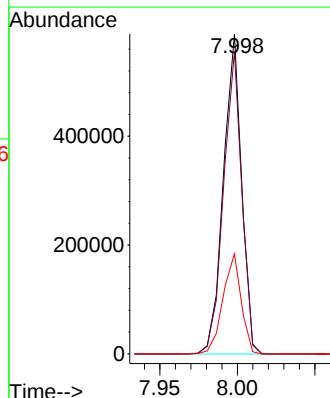
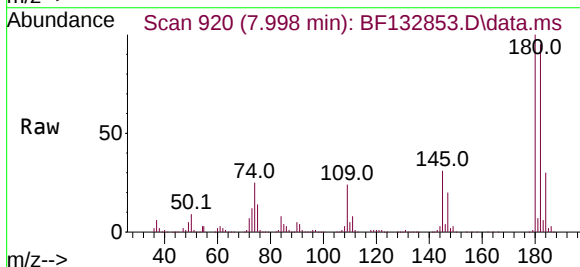
RT: 7.998 min Scan# 920

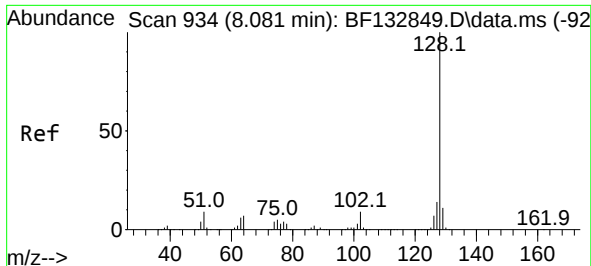
Delta R.T. -0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

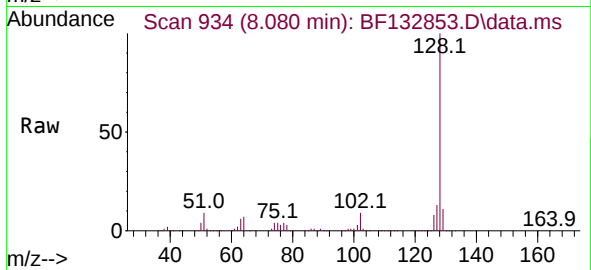
Tgt Ion:180 Resp: 480725
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.5 113.3
 145 31.3 24.9 37.3





#31
Naphthalene
Concen: 39.278 ng
RT: 8.080 min Scan# 934
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

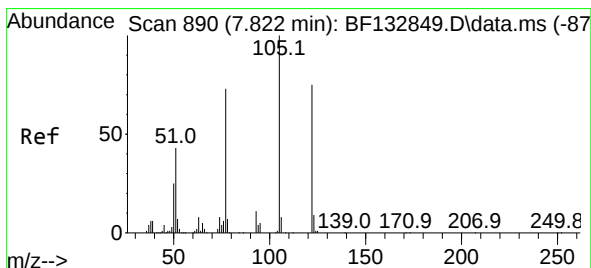
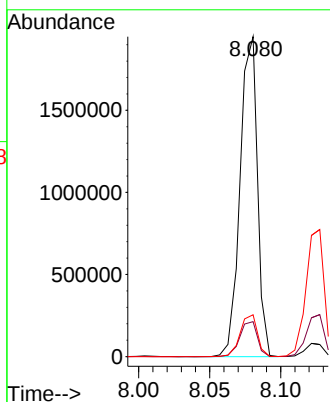
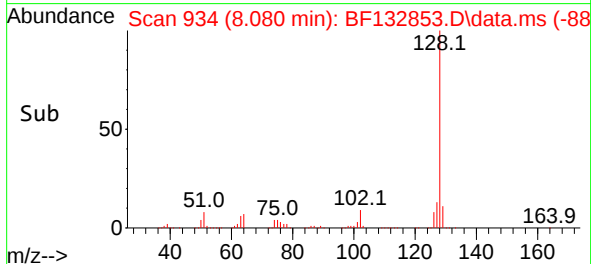
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



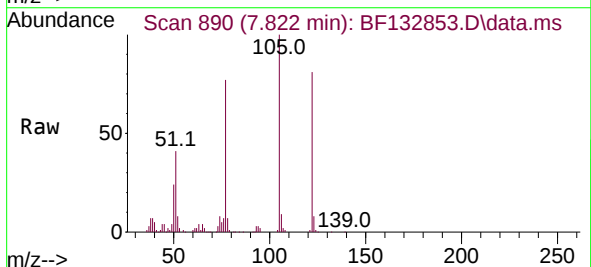
Tgt Ion:128 Resp: 1651791
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.9 16.3

Manual Integrations
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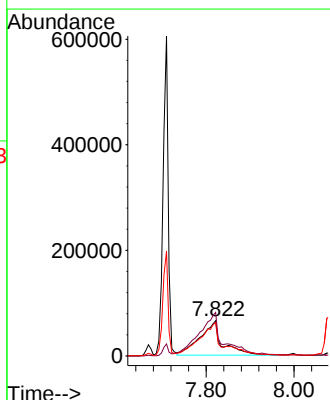
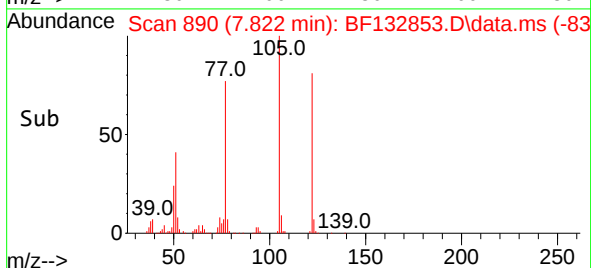
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

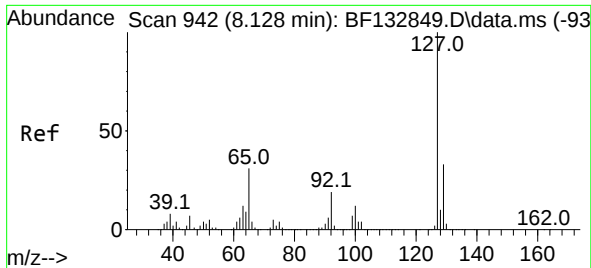


#32
Benzoic acid
Concen: 43.952 ng m
RT: 7.822 min Scan# 890
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:122 Resp: 233652
Ion Ratio Lower Upper
122 100
105 123.7 109.5 149.5
77 95.4 74.9 114.9





#33
4-Chloroaniline
Concen: 41.354 ng
RT: 8.128 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

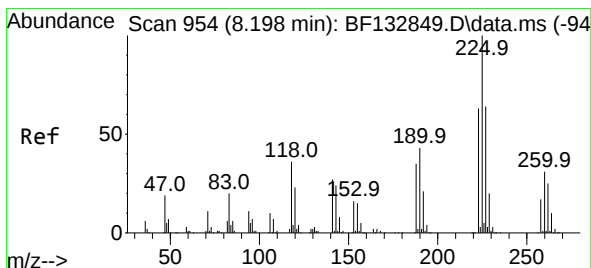
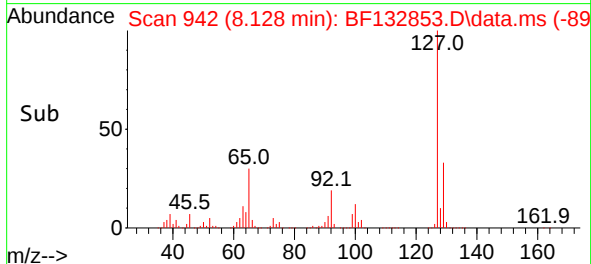
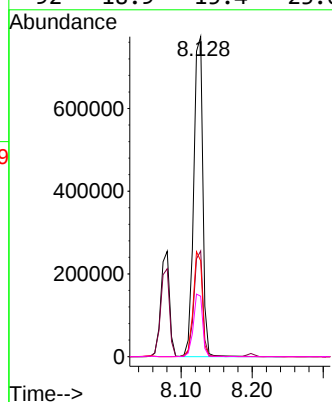
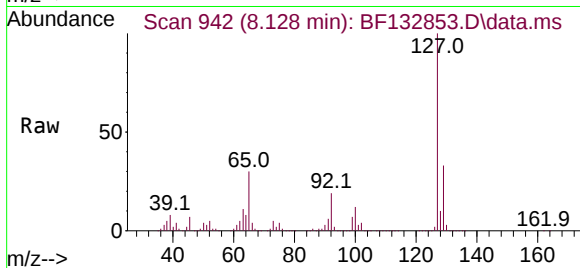
ICVBF041123

Tgt Ion:127 Resp: 690854
Ion Ratio Lower Upper
127 100
129 33.0 26.5 39.7
65 29.9 24.7 37.1
92 18.9 15.4 23.0

Manual Integrations

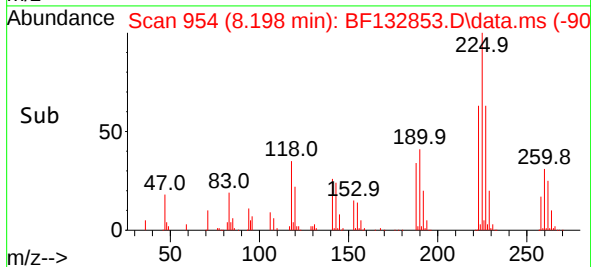
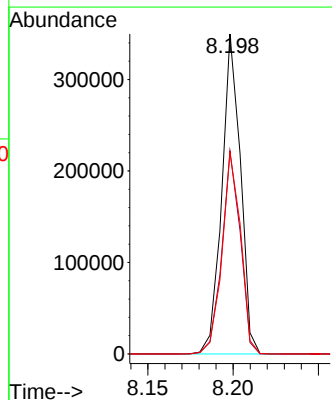
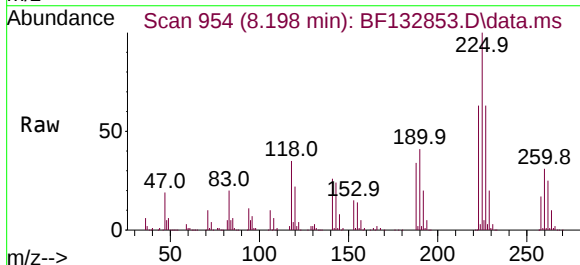
APPROVED

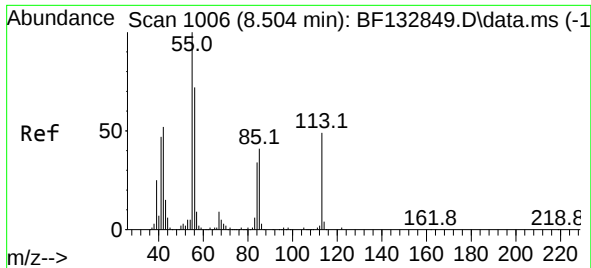
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#34
Hexachlorobutadiene
Concen: 39.859 ng
RT: 8.198 min Scan# 954
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

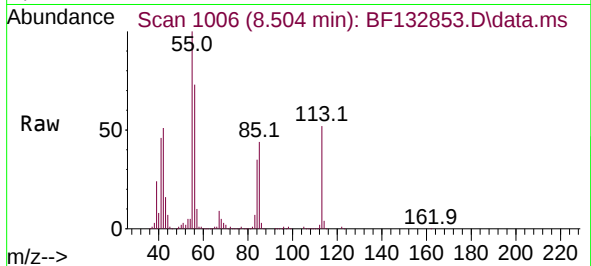
Tgt Ion:225 Resp: 264489
Ion Ratio Lower Upper
225 100
223 63.4 50.1 75.1
227 63.0 51.1 76.7





#35
Caprolactam
Concen: 44.714 ng
RT: 8.504 min Scan# 1006
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

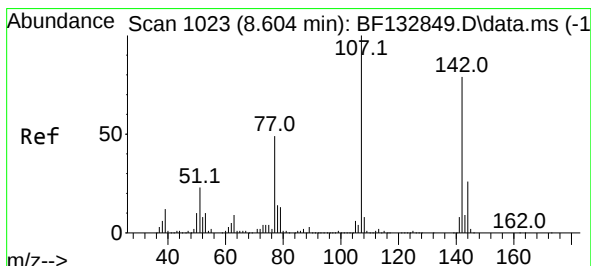
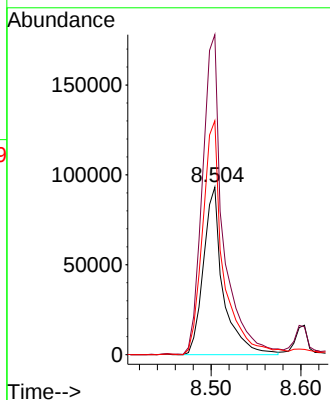
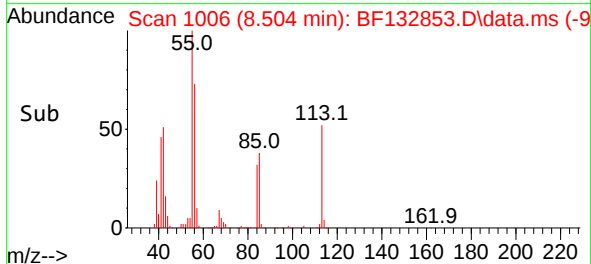
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



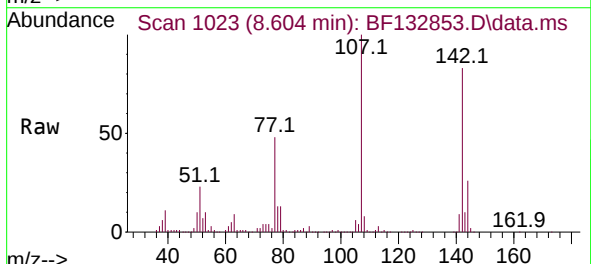
Tgt Ion:113 Resp: 141809
Ion Ratio Lower Upper
113 100
55 191.2 183.9 223.9
56 139.6 127.6 167.6

Manual Integrations
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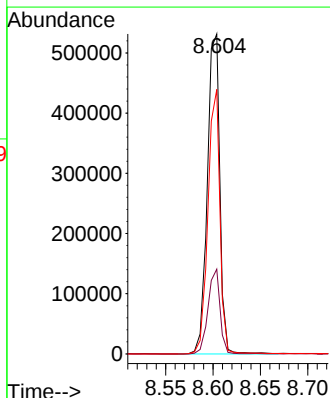
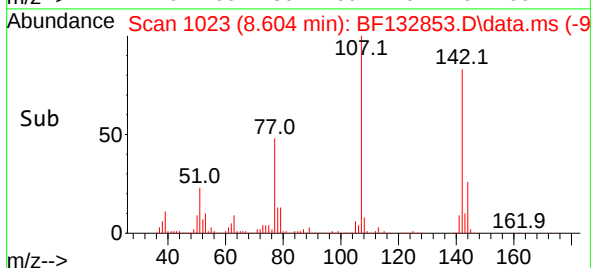
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

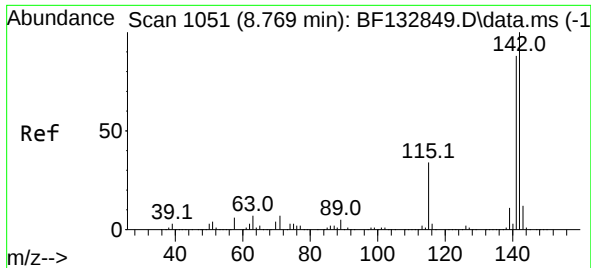


#36
4-Chloro-3-methylphenol
Concen: 41.654 ng
RT: 8.604 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



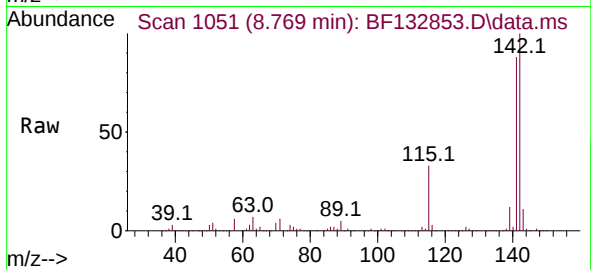
Tgt Ion:107 Resp: 490575
Ion Ratio Lower Upper
107 100
144 26.5 21.0 31.4
142 82.6 62.8 94.2





#37
2-Methylnaphthalene
Concen: 39.270 ng
RT: 8.769 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

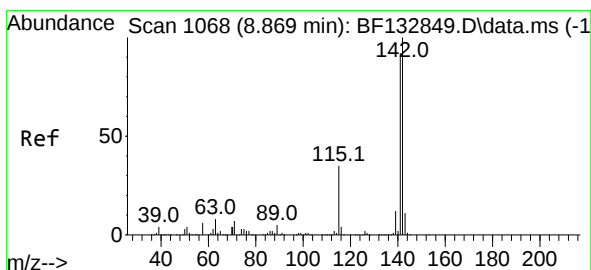
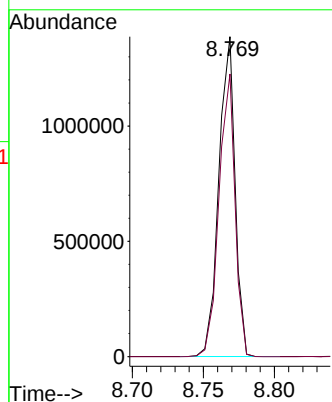
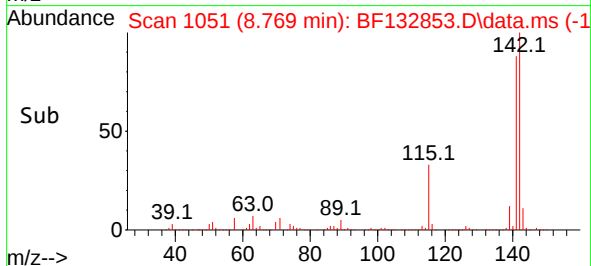
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



Tgt Ion:142 Resp: 1104459
Ion Ratio Lower Upper
142 100
141 88.3 70.7 106.1

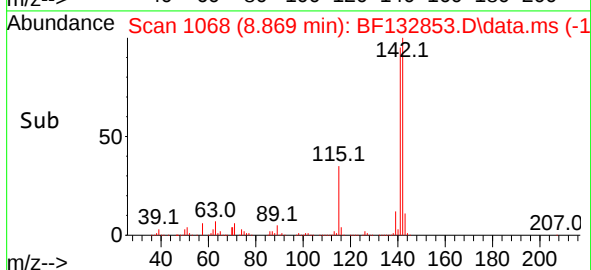
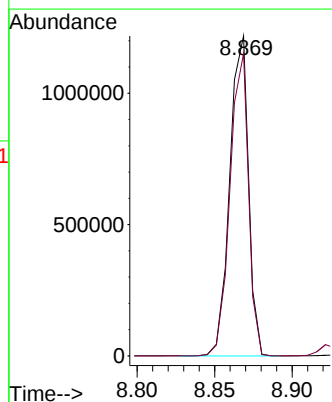
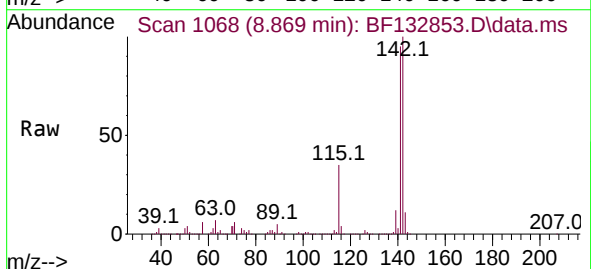
Manual Integrations
APPROVED

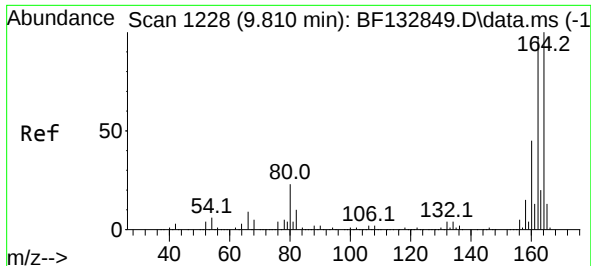
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#38
1-Methylnaphthalene
Concen: 39.170 ng
RT: 8.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:142 Resp: 1027498
Ion Ratio Lower Upper
142 100
141 94.5 73.8 110.8





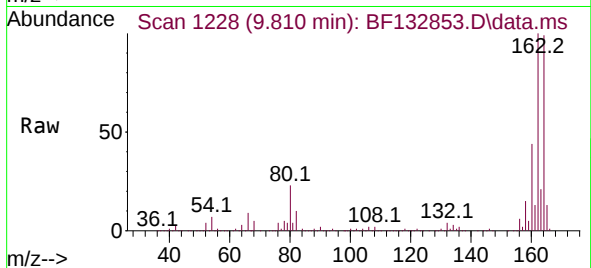
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1228
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

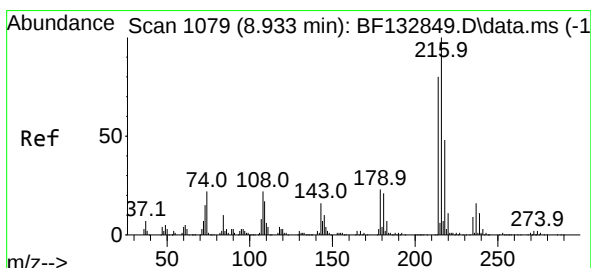
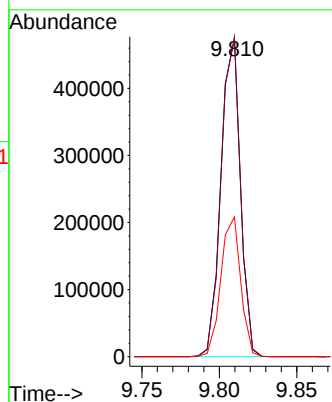
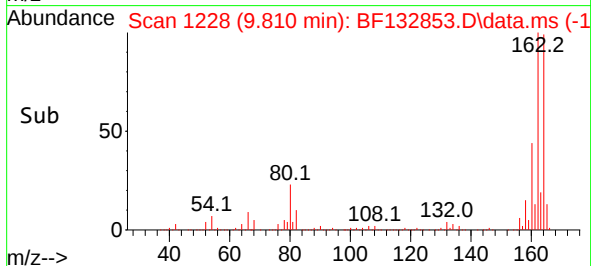


Tgt Ion:164 Resp: 413782
Ion Ratio Lower Upper
164 100
162 100.8 78.1 117.1
160 44.0 35.7 53.5

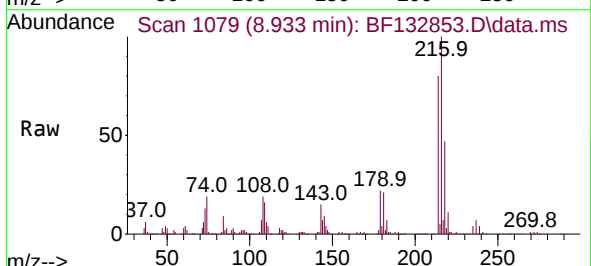
Manual Integrations

APPROVED

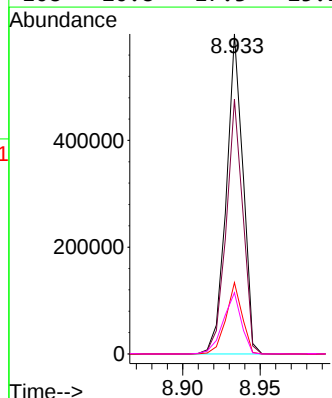
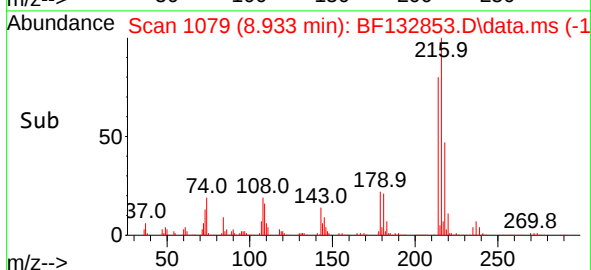
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

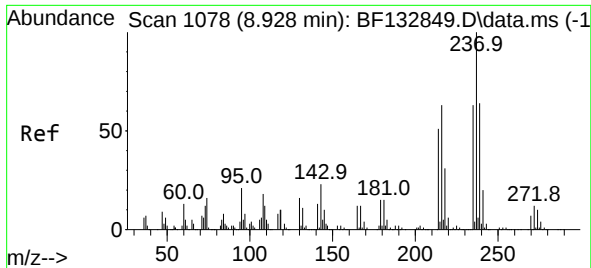


#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.894 ng
RT: 8.933 min Scan# 1079
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



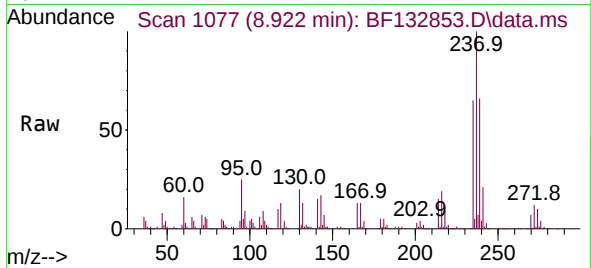
Tgt Ion:216 Resp: 449278
Ion Ratio Lower Upper
216 100
214 79.2 63.4 95.0
179 21.7 17.7 26.5
108 20.8 17.3 25.9





#41
Hexachlorocyclopentadiene
Concen: 39.909 ng
RT: 8.922 min Scan# 1077
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

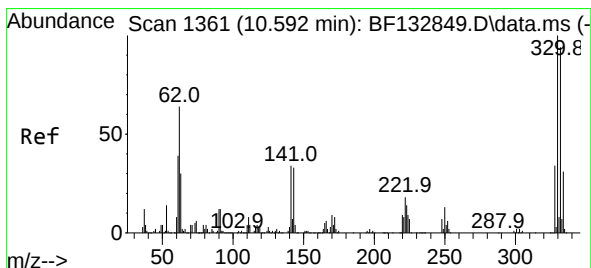
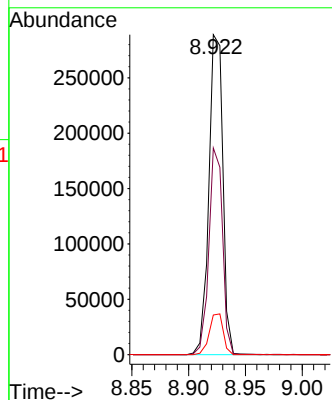
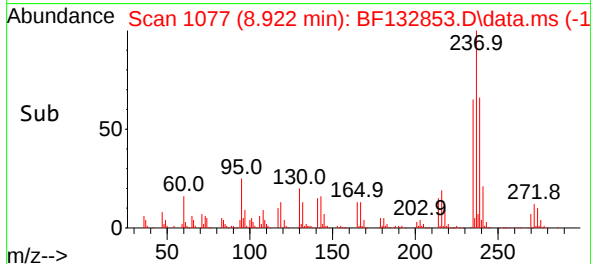
Instrument :
BNA_F
Client Sample Id :
ICVBF041123



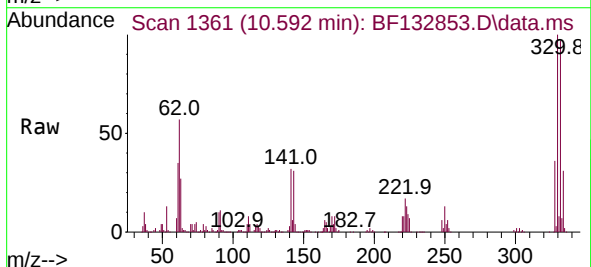
Tgt Ion: 237 Resp: 248169
Ion Ratio Lower Upper
237 100
235 64.6 43.4 83.4
272 12.4 0.0 32.4

Manual Integrations
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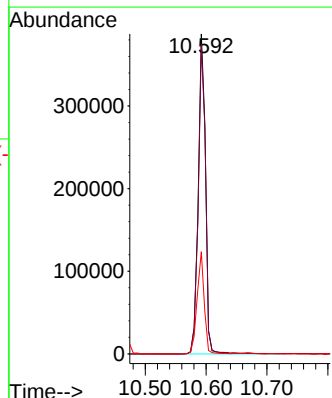
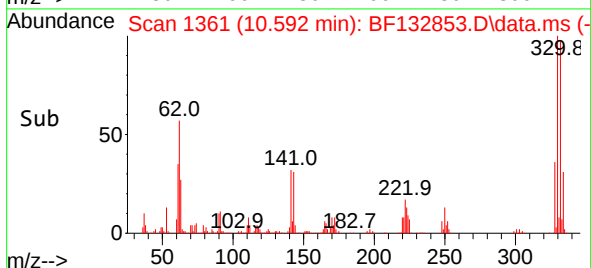
Reviewed By : Christian Giraldo 04/12/2023
Supervised By : Jagrut Upadhyay 04/12/2023

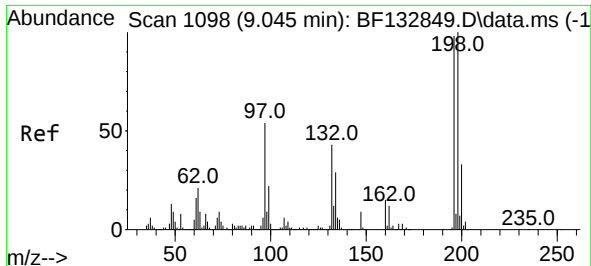


#42
2,4,6-Tribromophenol
Concen: 87.580 ng
RT: 10.592 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion: 330 Resp: 322071
Ion Ratio Lower Upper
330 100
332 96.9 76.1 114.1
141 31.3 25.9 38.9





#43
2,4,6-Trichlorophenol
Concen: 41.456 ng
RT: 9.039 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

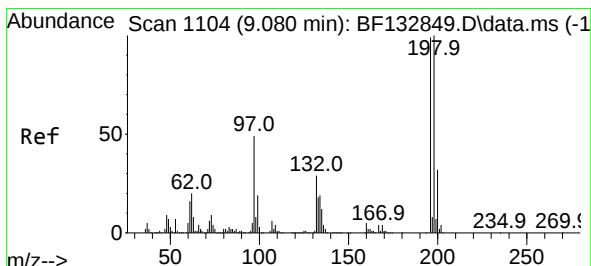
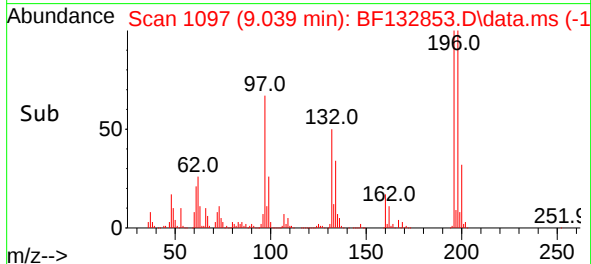
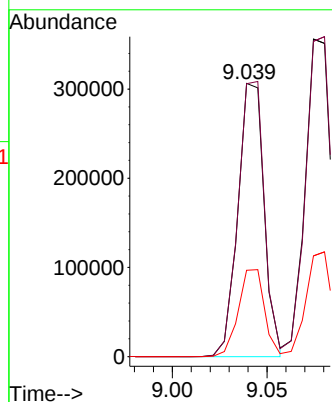
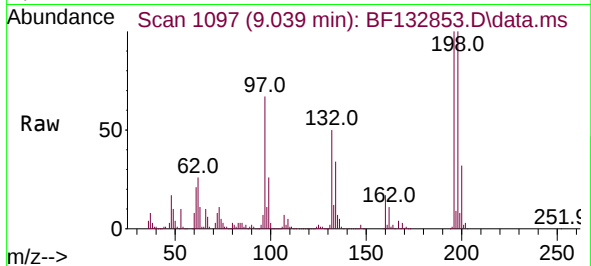
ICVBF041123

Tgt Ion:196 Resp: 294179
Ion Ratio Lower Upper
196 100
198 99.9 81.4 122.0
200 31.6 26.7 40.1

Manual Integrations

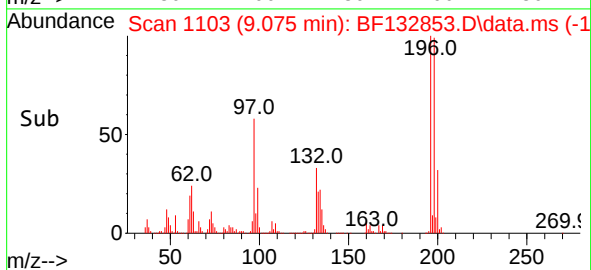
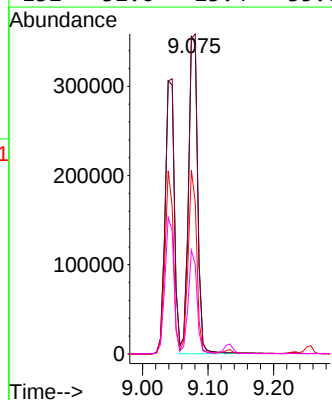
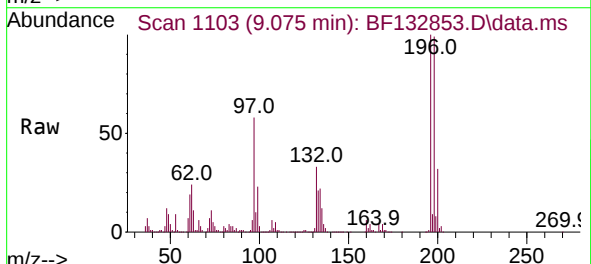
APPROVED

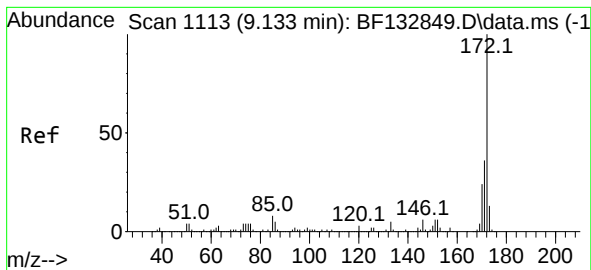
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#44
2,4,5-Trichlorophenol
Concen: 41.501 ng
RT: 9.075 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:196 Resp: 347802
Ion Ratio Lower Upper
196 100
198 99.3 80.6 121.0
97 57.8 39.4 59.2
132 32.6 23.4 35.0





#45

2-Fluorobiphenyl

Concen: 79.552 ng

RT: 9.133 min Scan# 1113

Delta R.T. 0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

Tgt Ion:172 Resp: 2080828

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

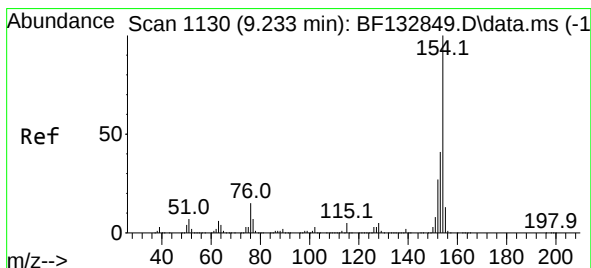
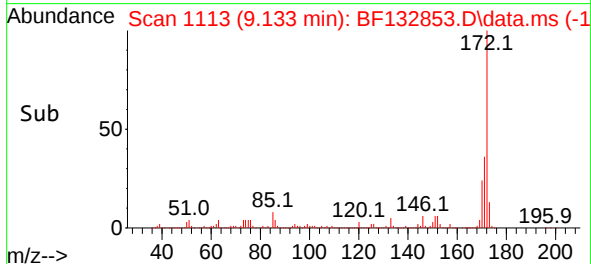
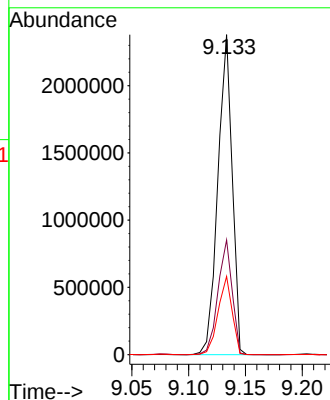
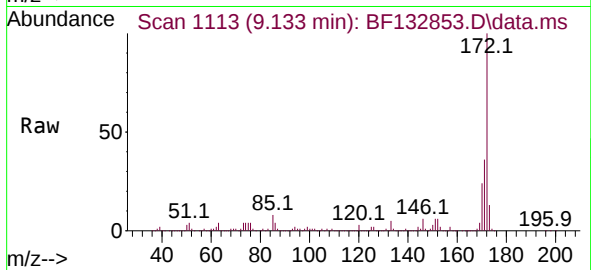
170 24.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#46

1,1'-Biphenyl

Concen: 38.532 ng

RT: 9.233 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

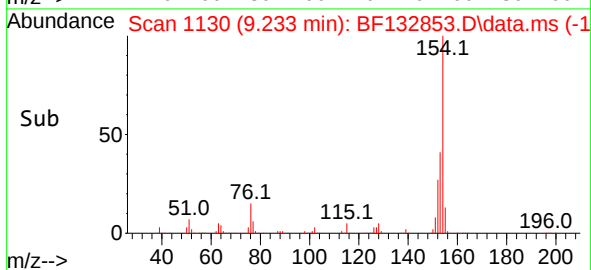
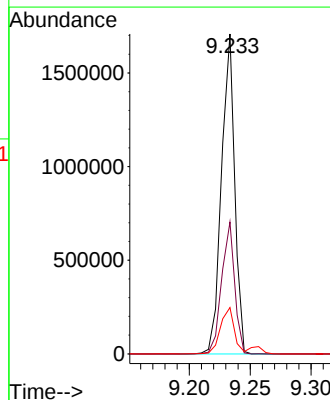
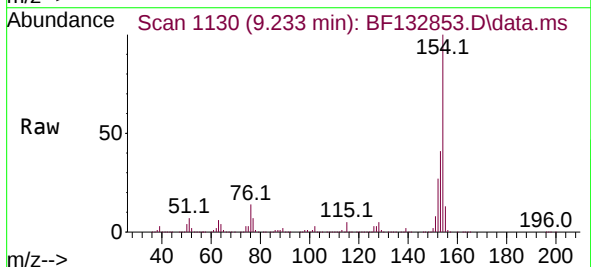
Tgt Ion:154 Resp: 1285051

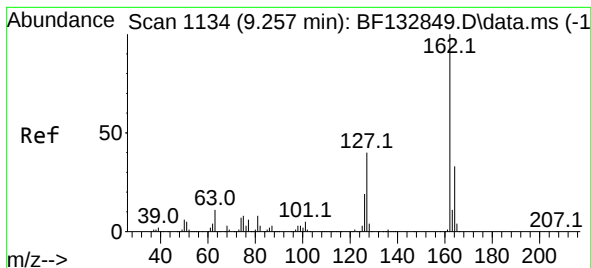
Ion Ratio Lower Upper

154 100

153 41.3 20.7 60.7

76 14.5 0.0 34.8





#47

2-Chloronaphthalene

Concen: 38.723 ng

RT: 9.257 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

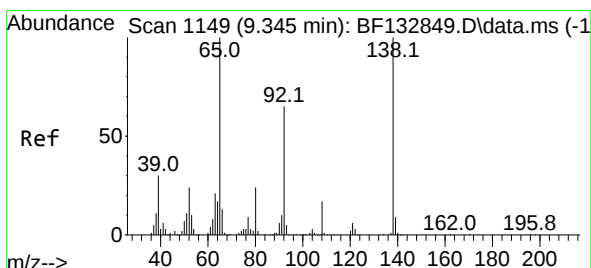
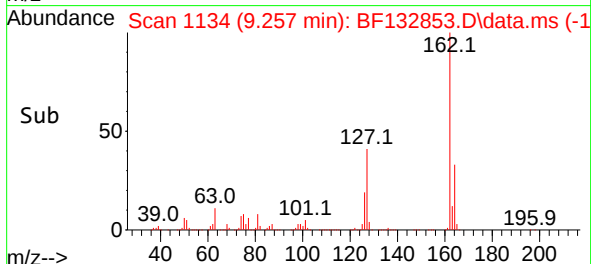
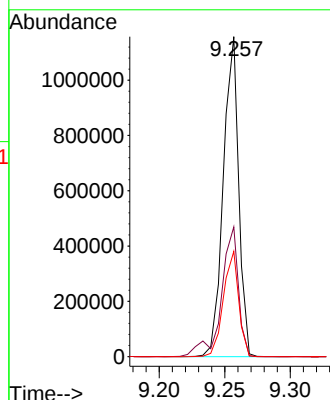
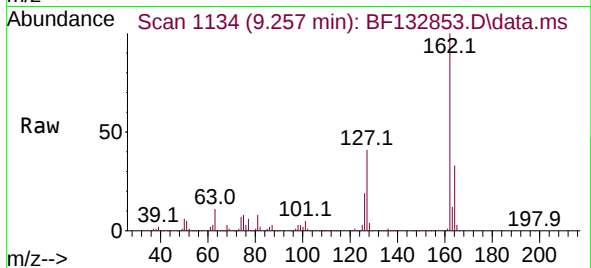
ICVBF041123

Tgt Ion:	162	Resp:	945359
Ion Ratio	Lower	Upper	
162	100		
127	40.5	32.1	48.1
164	32.9	26.6	40.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#48

2-Nitroaniline

Concen: 42.713 ng

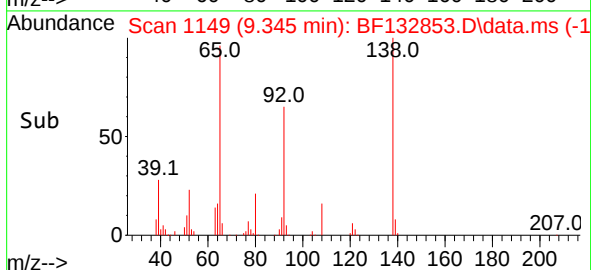
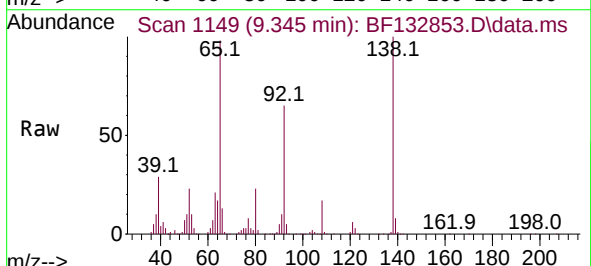
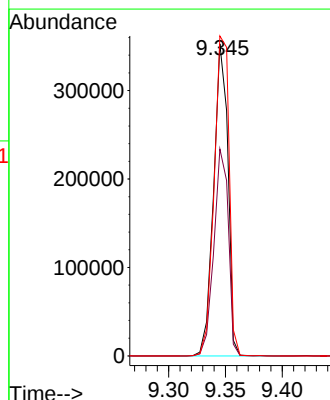
RT: 9.345 min Scan# 1149

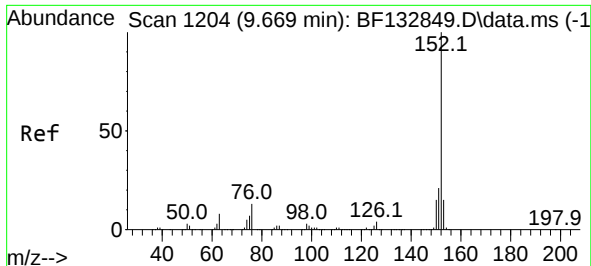
Delta R.T. 0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Tgt Ion:	65	Resp:	307711
Ion Ratio	Lower	Upper	
65	100		
92	66.3	52.2	78.2
138	102.5	80.3	120.5





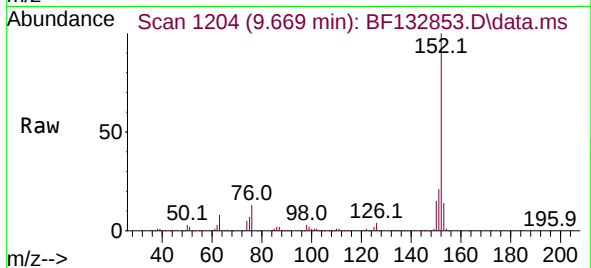
#49
Acenaphthylene
Concen: 39.403 ng
RT: 9.669 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

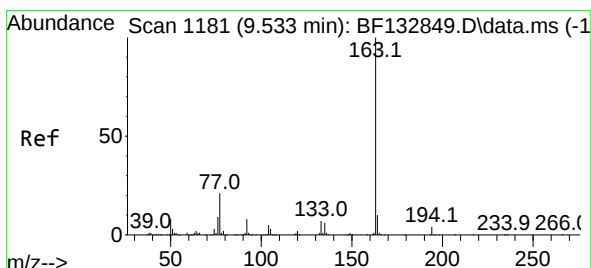
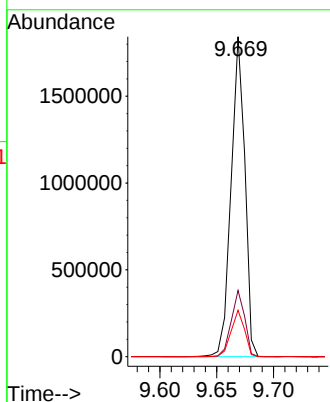
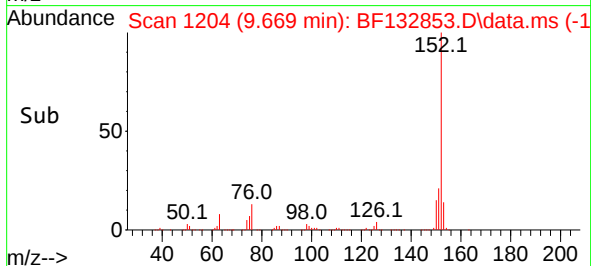


Tgt Ion:152 Resp: 1555070
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0
153 14.5 11.7 17.5

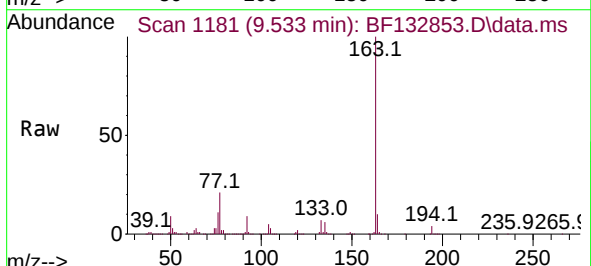
Manual Integrations

APPROVED

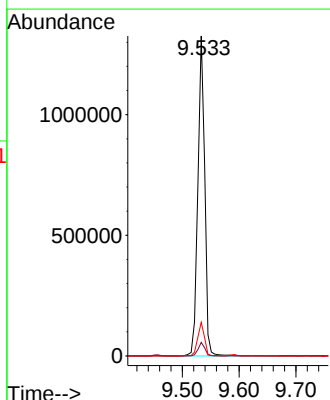
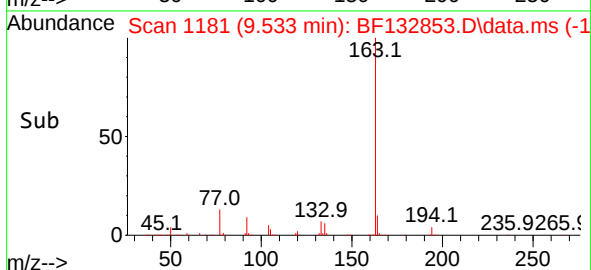
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

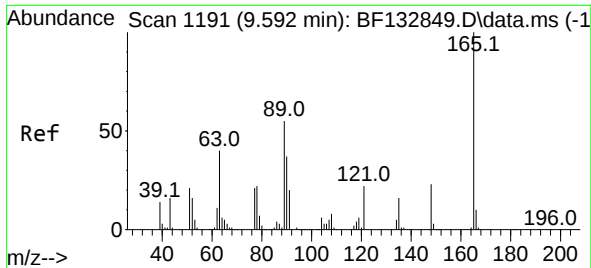


#50
Dimethylphthalate
Concen: 41.354 ng
RT: 9.533 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:163 Resp: 1104980
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 41.816 ng
RT: 9.592 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

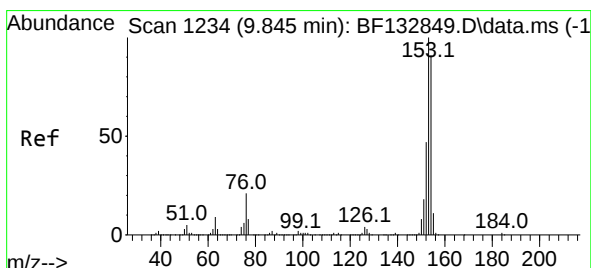
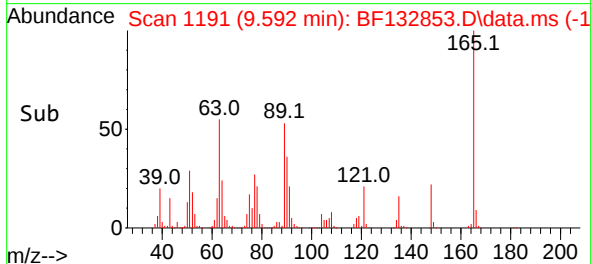
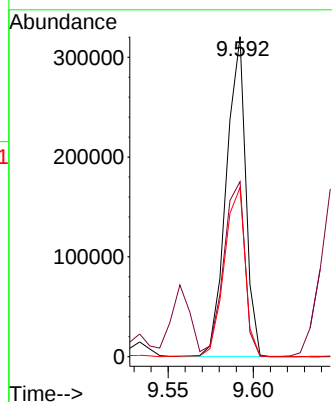
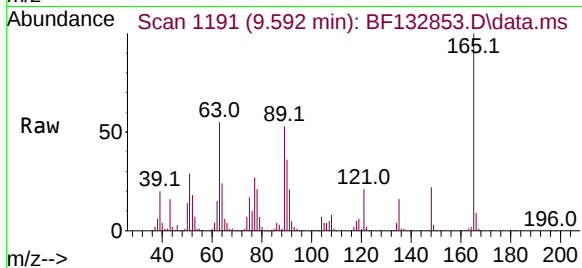
ICVBF041123

Tgt Ion:165 Resp: 254900
Ion Ratio Lower Upper
165 100
63 54.7 46.7 70.1
89 52.8 44.1 66.1

Manual Integrations

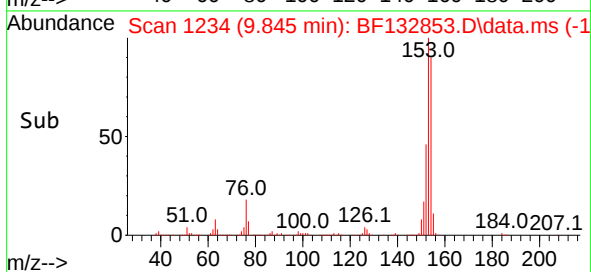
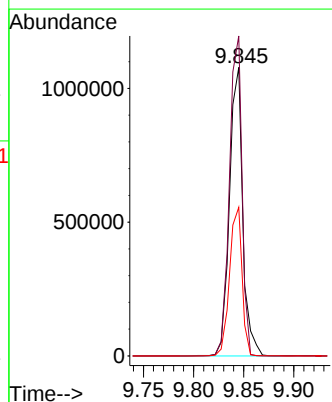
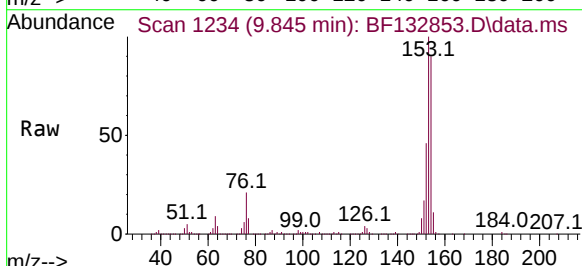
APPROVED

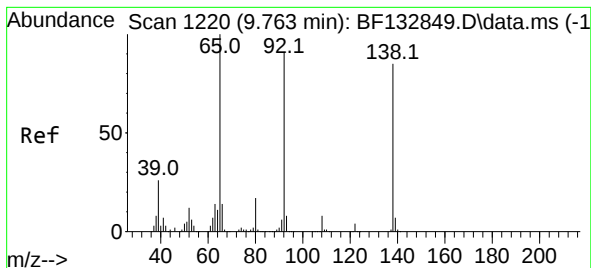
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#52
Acenaphthene
Concen: 39.287 ng
RT: 9.845 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:154 Resp: 996279
Ion Ratio Lower Upper
154 100
153 111.0 88.2 132.2
152 51.5 41.6 62.4





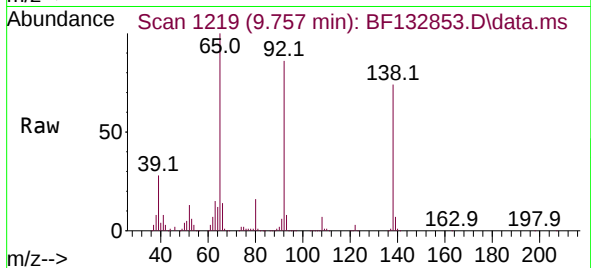
#53
3-Nitroaniline
Concen: 43.897 ng
RT: 9.757 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

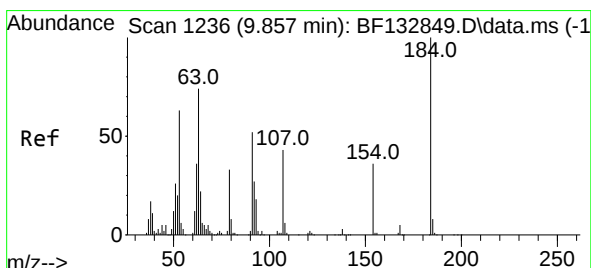
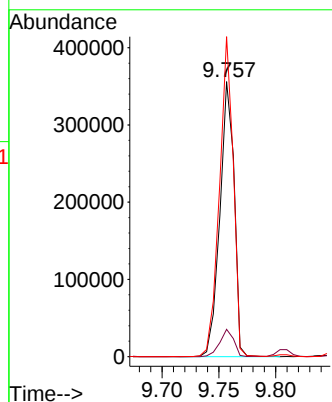
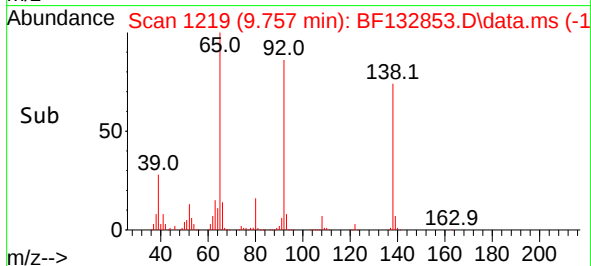


Tgt Ion:138 Resp: 30955
Ion Ratio Lower Upper
138 100
108 9.9 7.2 10.8
92 116.3 85.4 128.2

Manual Integrations

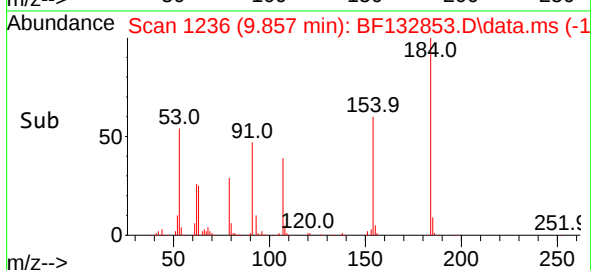
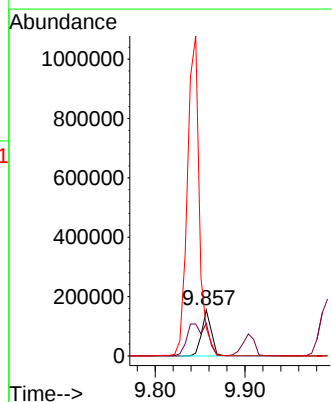
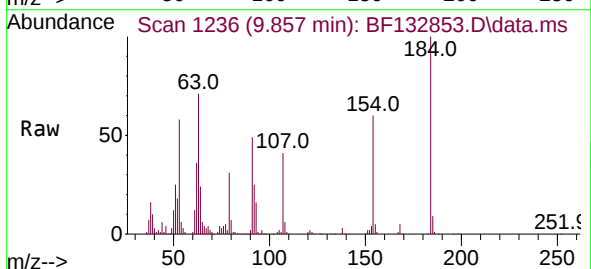
APPROVED

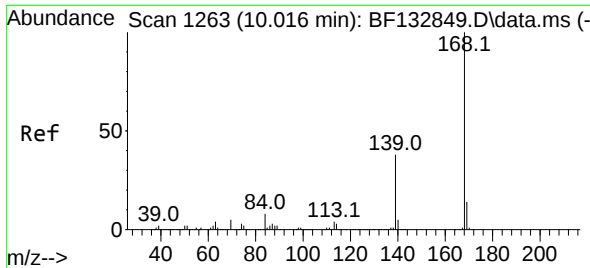
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#54
2,4-Dinitrophenol
Concen: 44.991 ng
RT: 9.857 min Scan# 1236
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:184 Resp: 115917
Ion Ratio Lower Upper
184 100
63 71.0 62.8 94.2
154 60.2 51.7 77.5





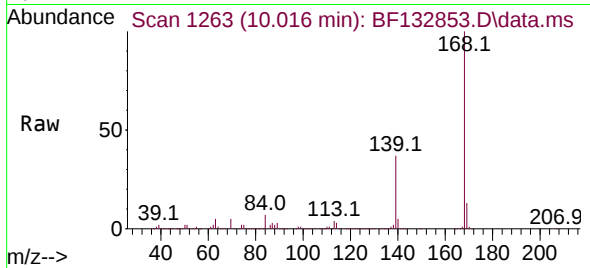
#55
Dibenzofuran
Concen: 38.929 ng
RT: 10.016 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

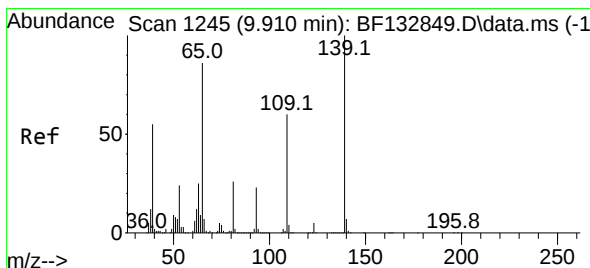
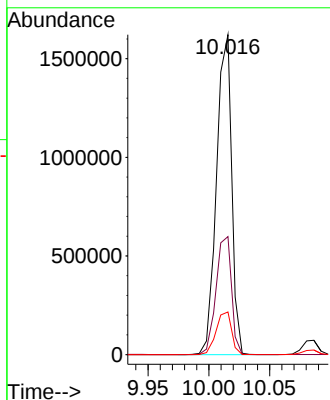
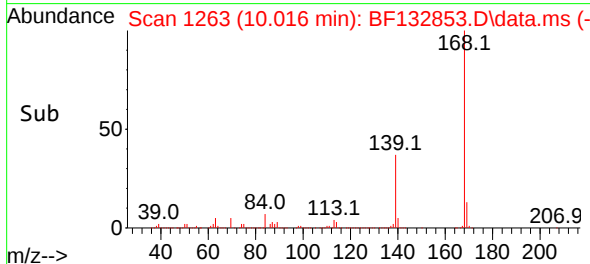


Tgt Ion:168 Resp: 1399343
Ion Ratio Lower Upper
168 100
139 36.9 30.1 45.1
169 13.3 10.8 16.2

Manual Integrations

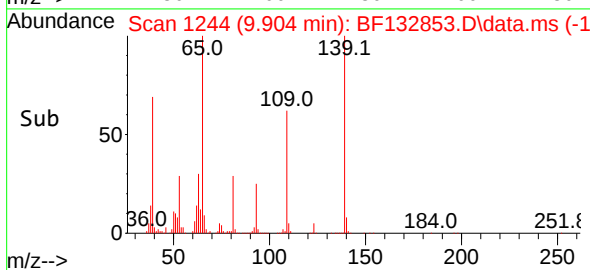
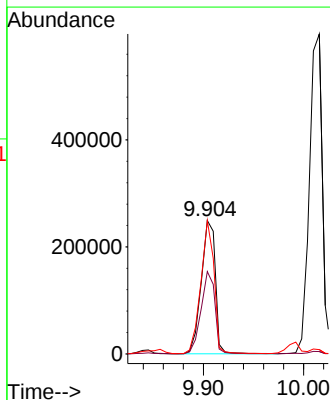
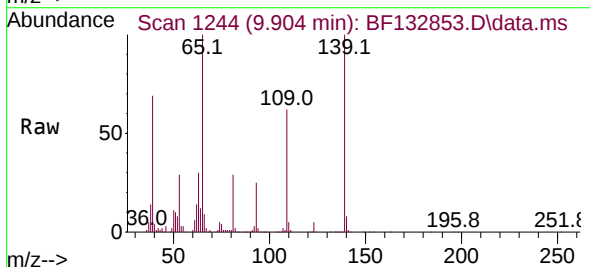
APPROVED

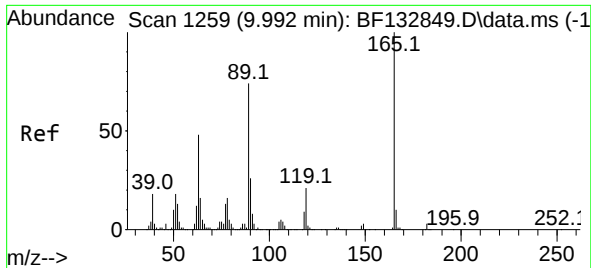
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#56
4-Nitrophenol
Concen: 43.681 ng
RT: 9.904 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:139 Resp: 242795
Ion Ratio Lower Upper
139 100
109 61.7 39.7 79.7
65 99.9 66.3 106.3





#57
2,4-Dinitrotoluene
Concen: 43.531 ng
RT: 9.992 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

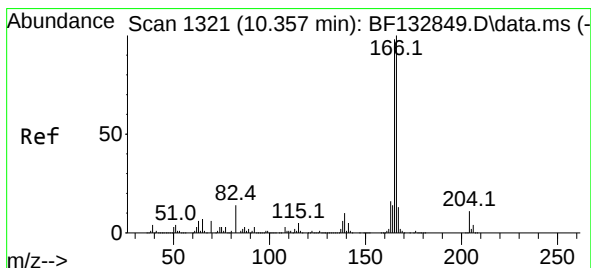
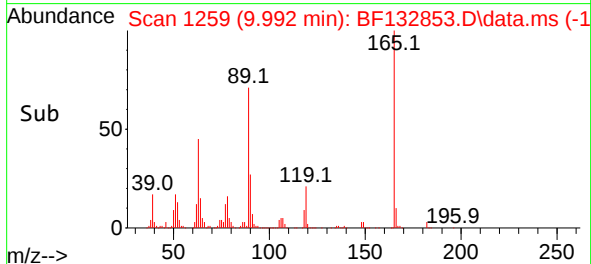
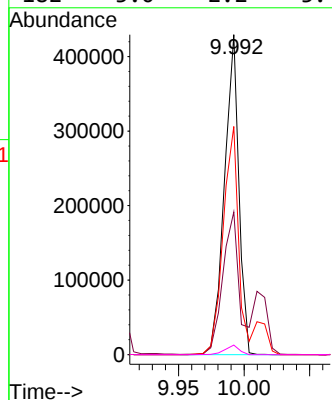
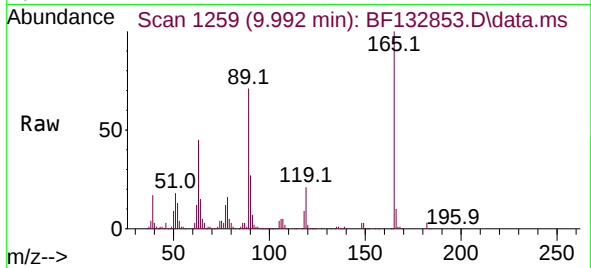
ICVBF041123

Tgt Ion:165 Resp: 329672
Ion Ratio Lower Upper
165 100
63 44.6 38.1 57.1
89 71.3 59.2 88.8
182 3.0 2.2 3.4

Manual Integrations

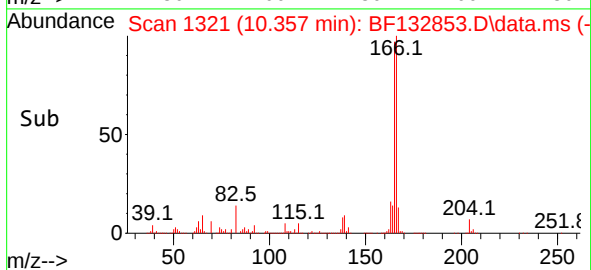
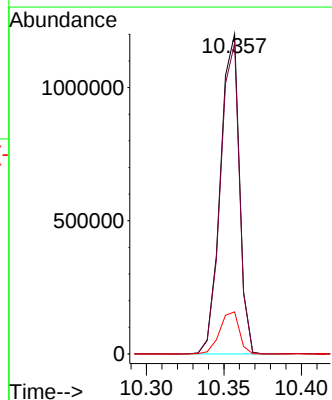
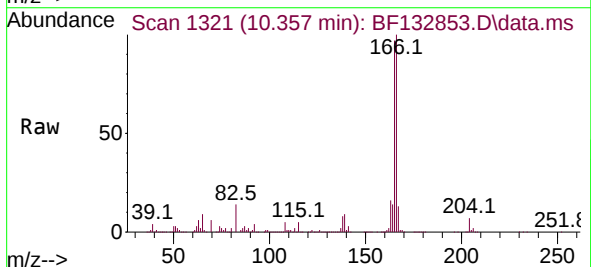
APPROVED

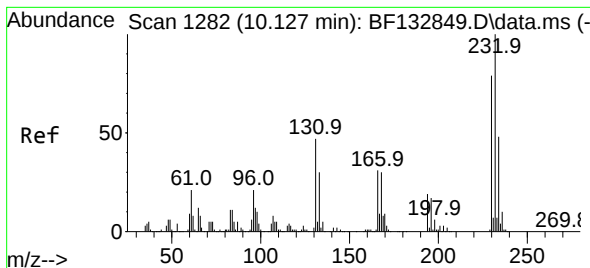
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#58
Fluorene
Concen: 38.758 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:166 Resp: 1027624
Ion Ratio Lower Upper
166 100
165 97.1 78.0 117.0
167 13.1 10.5 15.7





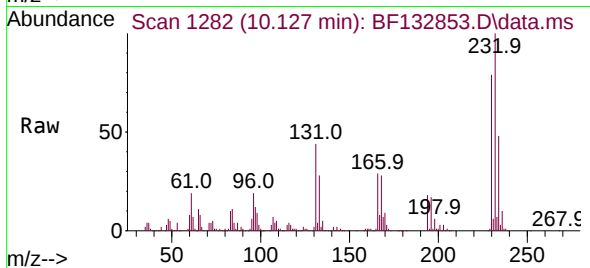
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.728 ng
RT: 10.127 min Scan# 1282
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

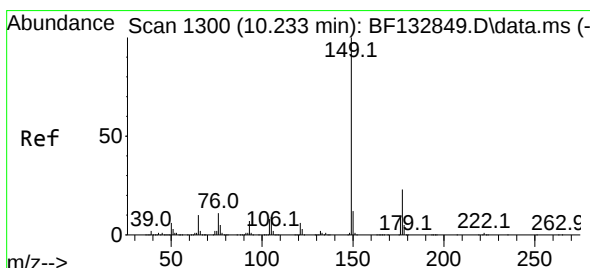
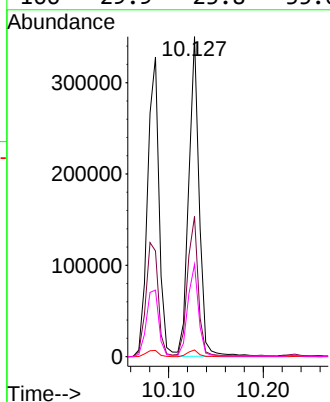
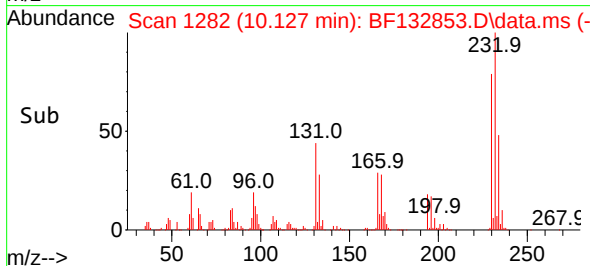


Tgt Ion:232 Resp: 266325
Ion Ratio Lower Upper
232 100
131 45.8 37.8 56.8
130 2.2 1.8 2.8
166 29.9 23.8 35.6

Manual Integrations

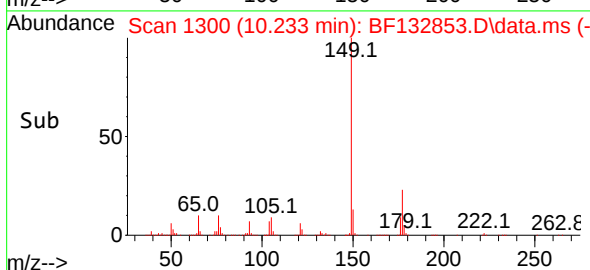
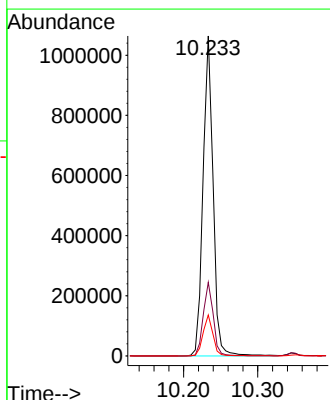
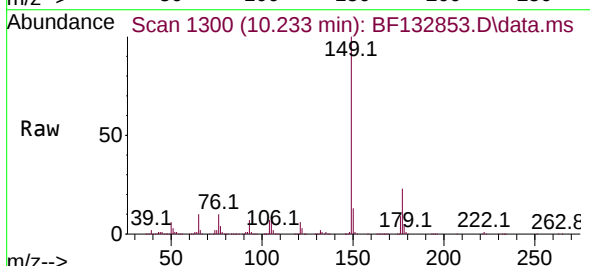
APPROVED

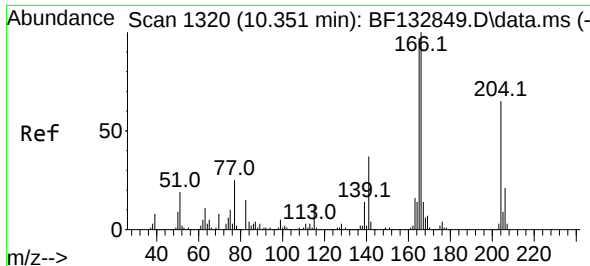
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#60
Diethylphthalate
Concen: 44.070 ng
RT: 10.233 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:149 Resp: 1000874
Ion Ratio Lower Upper
149 100
177 23.0 18.5 27.7
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.714 ng
RT: 10.345 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

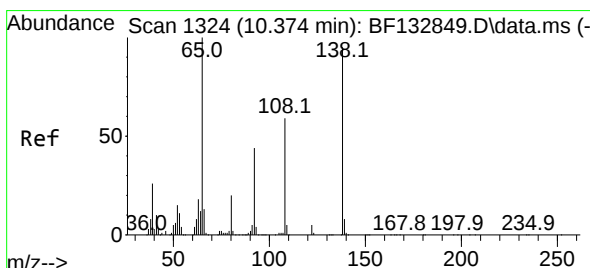
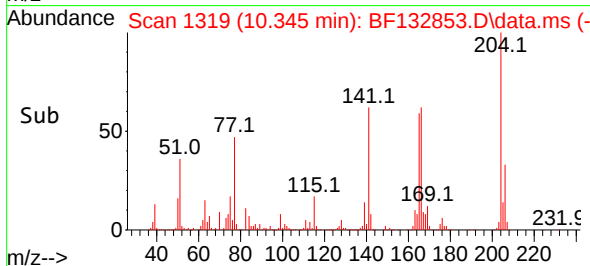
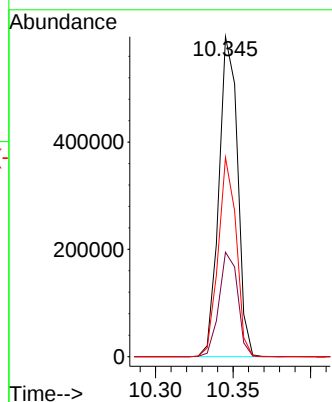
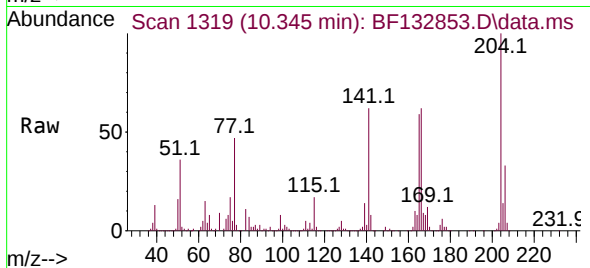
ICVBF041123

Tgt Ion:204 Resp: 500958
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 62.2 45.3 67.9

Manual Integrations

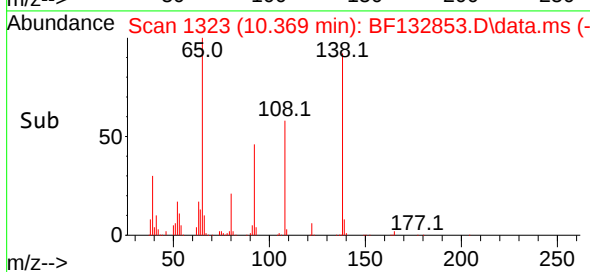
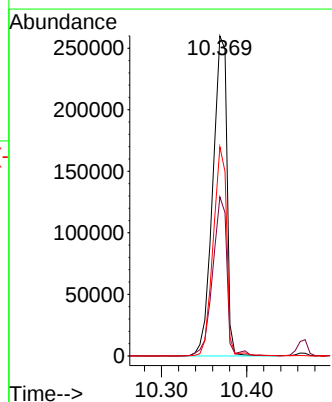
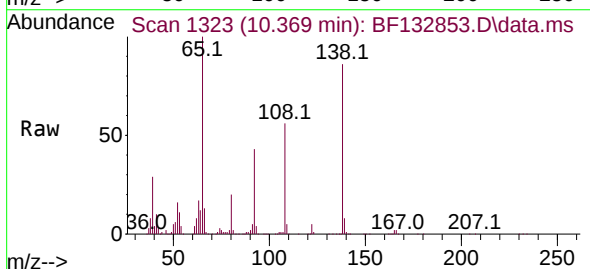
APPROVED

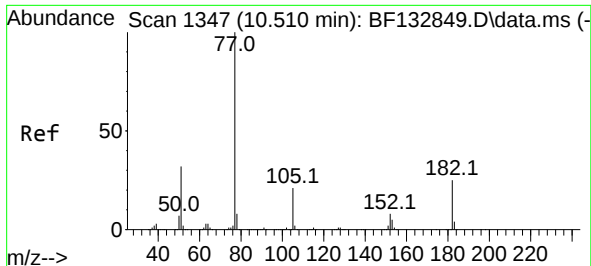
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#62
4-Nitroaniline
Concen: 44.468 ng
RT: 10.369 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:138 Resp: 299508
Ion Ratio Lower Upper
138 100
92 49.7 26.7 66.7
108 65.3 42.0 82.0





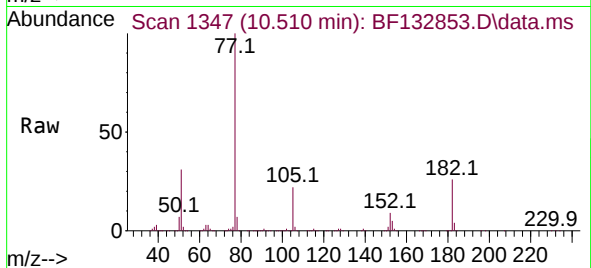
#63
Azobenzene
Concen: 39.178 ng
RT: 10.510 min Scan# 1347
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

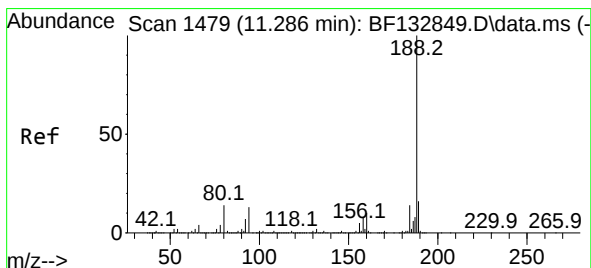
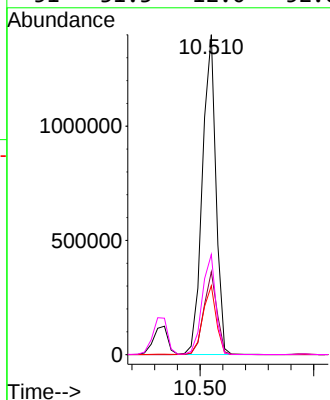
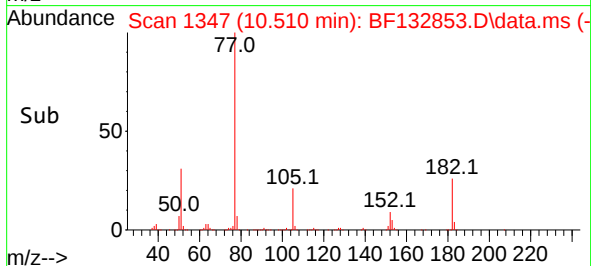


Tgt Ion: 77 Resp: 1159078
Ion Ratio Lower Upper
77 100
182 25.9 5.1 45.1
105 21.5 0.9 40.9
51 31.3 12.0 52.0

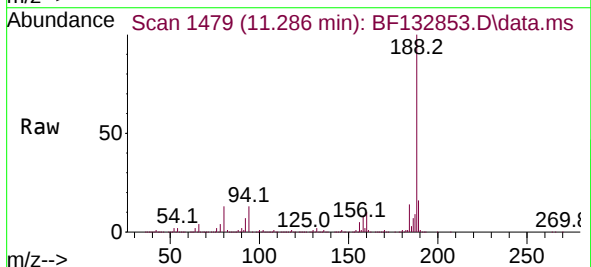
Manual Integrations

APPROVED

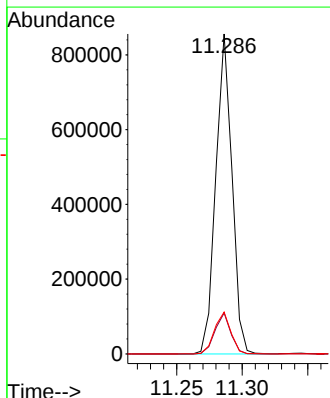
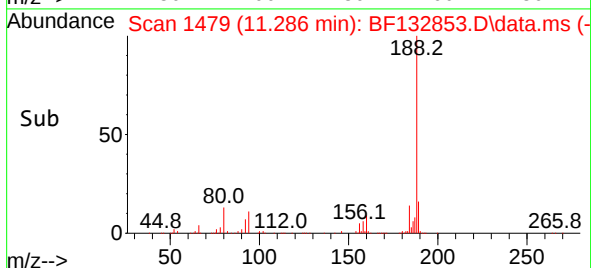
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

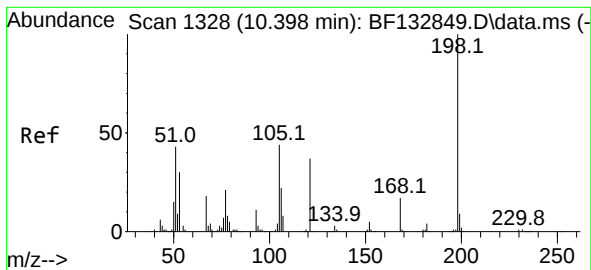


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



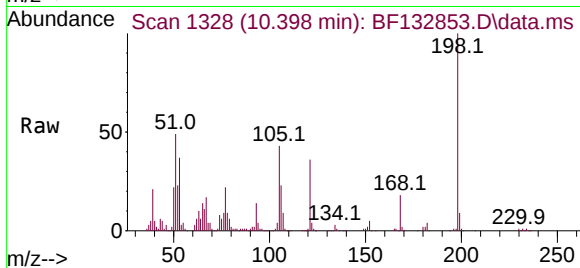
Tgt Ion:188 Resp: 737193
Ion Ratio Lower Upper
188 100
94 12.8 10.8 16.2
80 13.1 10.9 16.3





#65
4,6-Dinitro-2-methylphenol
Concen: 43.699 ng
RT: 10.398 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

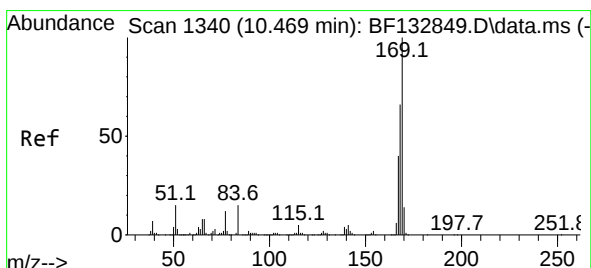
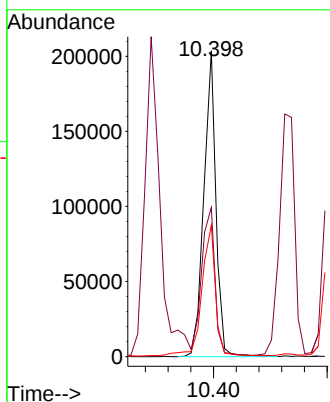
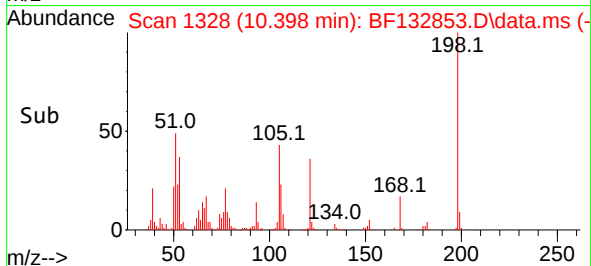
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



Tgt Ion:198 Resp: 151210
Ion Ratio Lower Upper
198 100
51 48.7 31.8 71.8
105 42.9 24.4 64.4

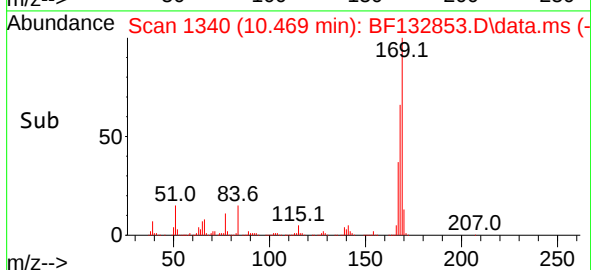
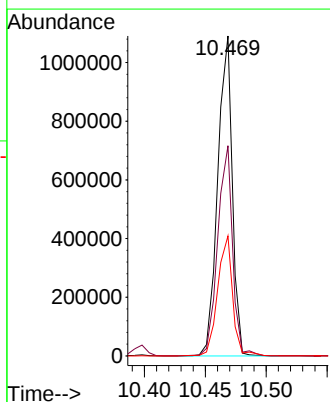
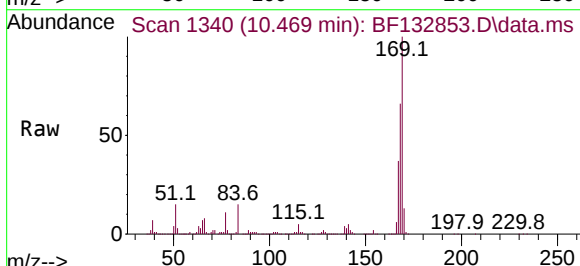
Manual Integrations
APPROVED

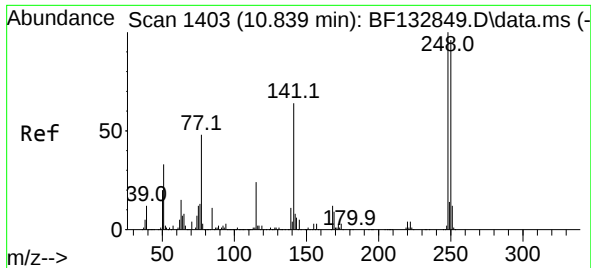
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#66
n-Nitrosodiphenylamine
Concen: 40.148 ng
RT: 10.469 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:169 Resp: 903115
Ion Ratio Lower Upper
169 100
168 65.7 52.9 79.3
167 37.5 31.8 47.6





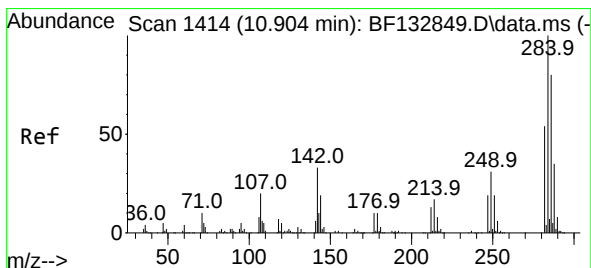
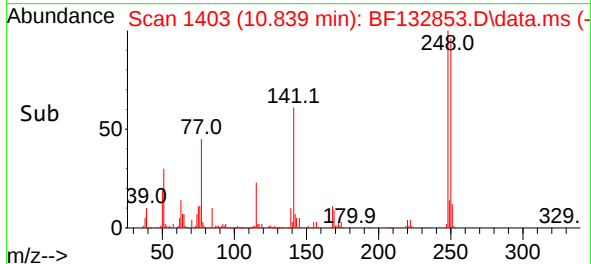
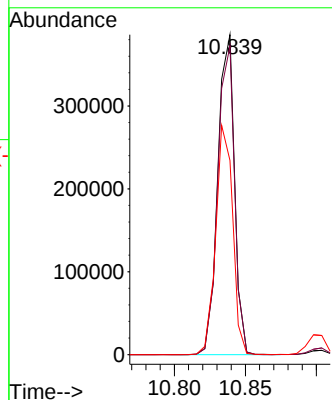
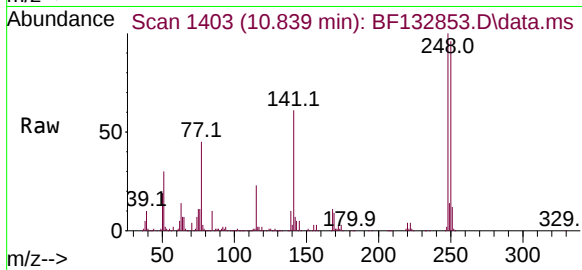
#67
4-Bromophenyl-phenylether
Concen: 40.440 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :
BNA_F
ClientSampleId :
ICVBF041123

Tgt Ion:248 Resp: 316437
Ion Ratio Lower Upper
248 100
250 96.4 76.9 115.3
141 60.7 50.9 76.3

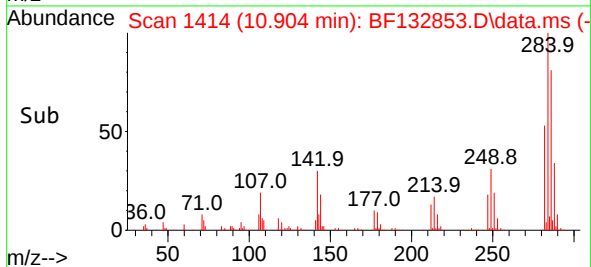
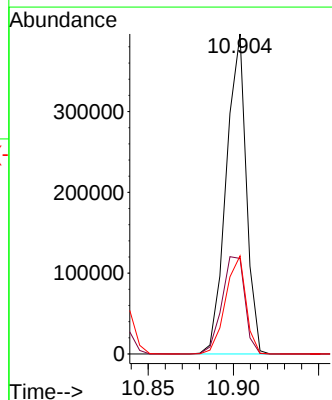
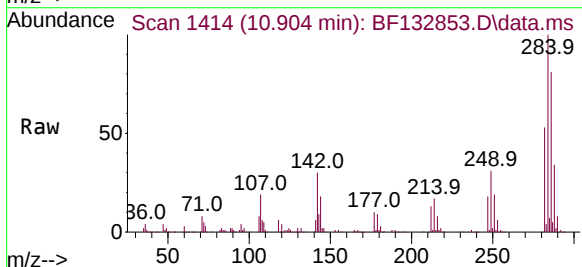
Manual Integrations
APPROVED

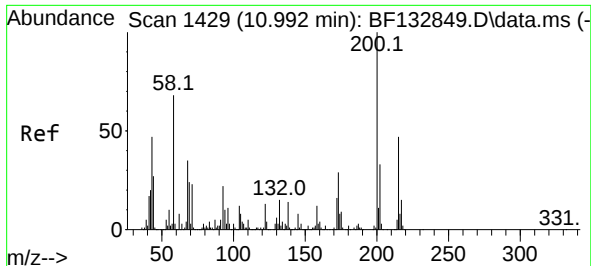
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#68
Hexachlorobenzene
Concen: 39.858 ng
RT: 10.904 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

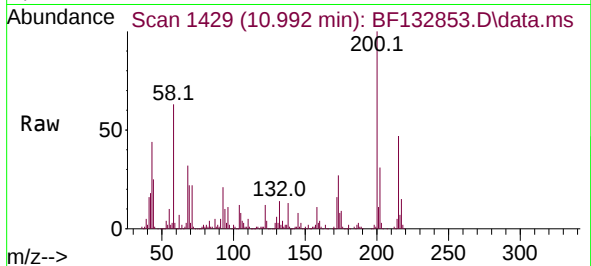
Tgt Ion:284 Resp: 322898
Ion Ratio Lower Upper
284 100
142 29.8 26.2 39.2
249 30.6 24.4 36.6





#69
Atrazine
Concen: 46.115 ng
RT: 10.992 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

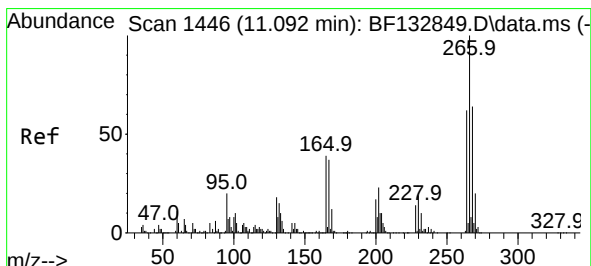
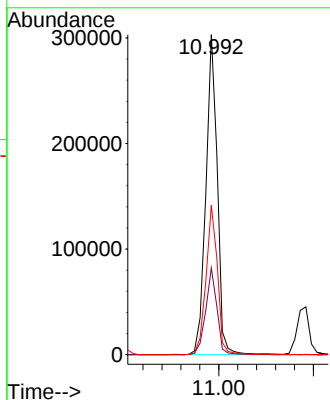
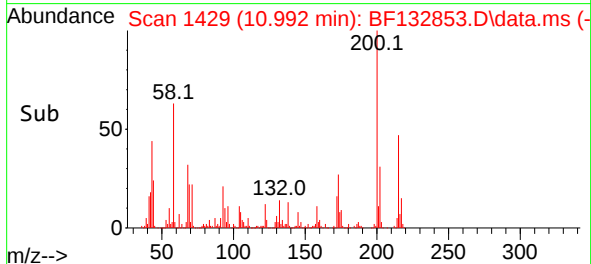
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



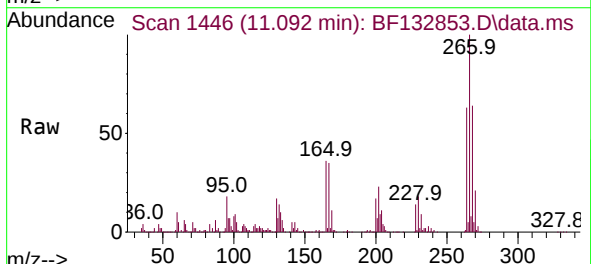
Tgt Ion:200 Resp: 254315
Ion Ratio Lower Upper
200 100
173 27.1 8.7 48.7
215 46.7 26.7 66.7

Manual Integrations
APPROVED

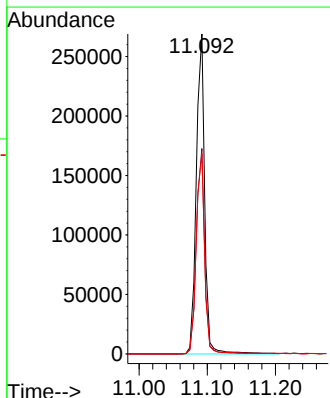
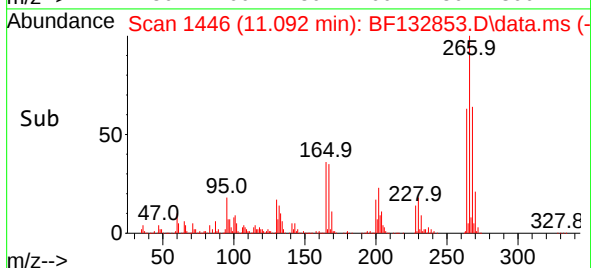
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

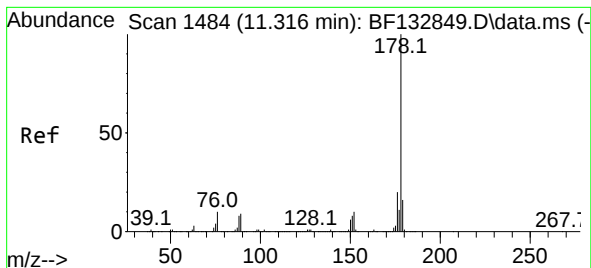


#70
Pentachlorophenol
Concen: 43.120 ng
RT: 11.092 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:266 Resp: 230075
Ion Ratio Lower Upper
266 100
268 64.2 51.2 76.8
264 62.5 49.8 74.8





#71

Phenanthrene

Concen: 38.772 ng

RT: 11.316 min Scan# 1484

Delta R.T. -0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

Tgt Ion:178 Resp: 156766

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

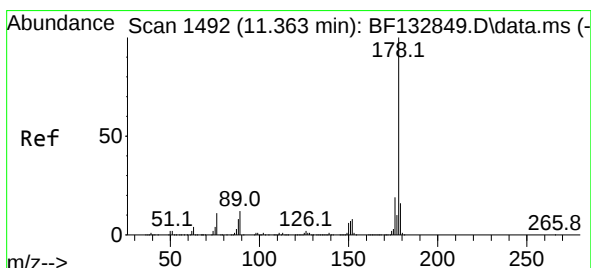
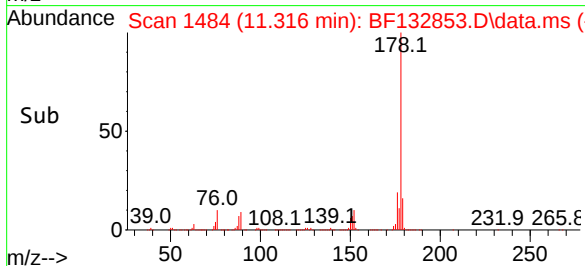
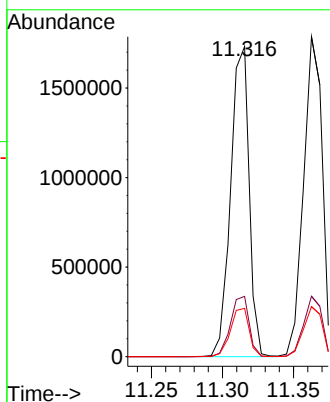
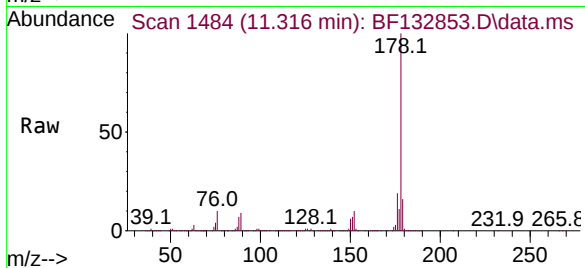
179 15.6 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/12/2023

Supervised By :Jagrut Upadhyay 04/12/2023



#72

Anthracene

Concen: 39.564 ng

RT: 11.363 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BF132853.D

Acq: 11 Apr 2023 16:19

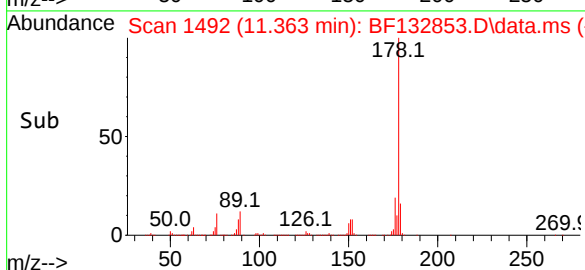
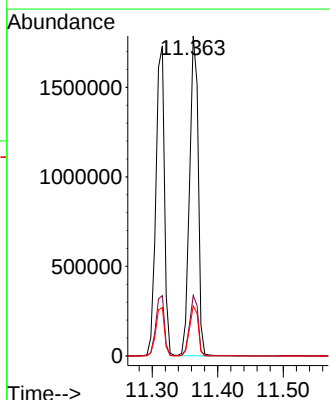
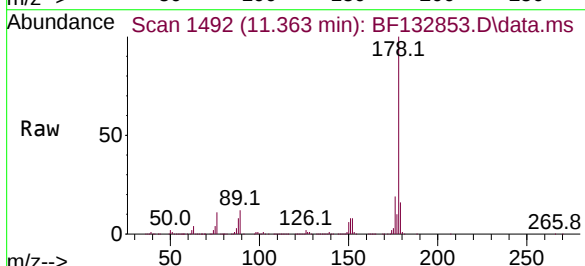
Tgt Ion:178 Resp: 1635413

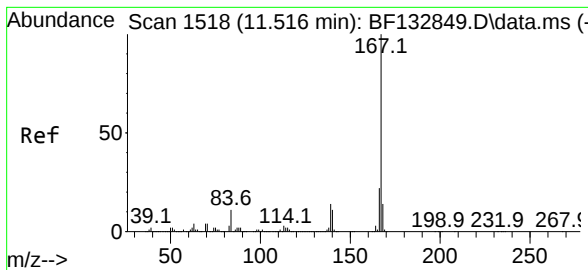
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

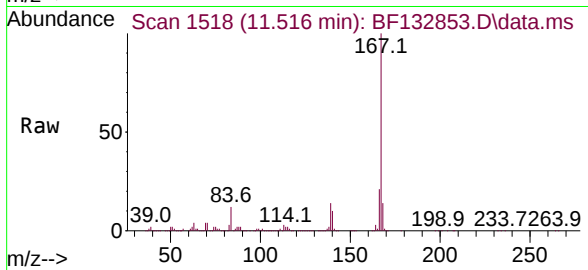
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 39.692 ng
 RT: 11.516 min Scan# 1518
 Delta R.T. -0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19

Instrument : BNA_F
 ClientSampleId : ICVBF041123

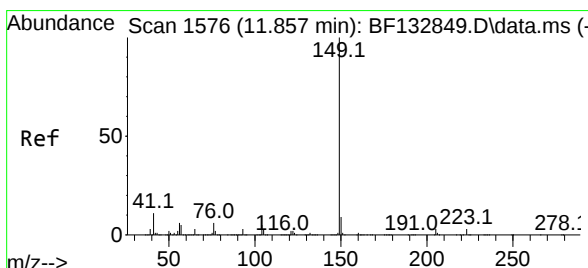
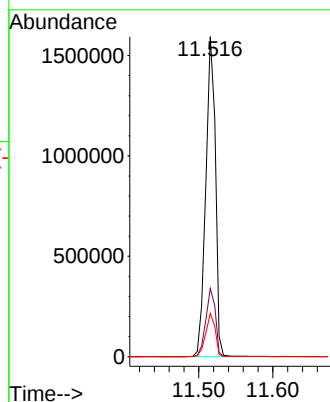
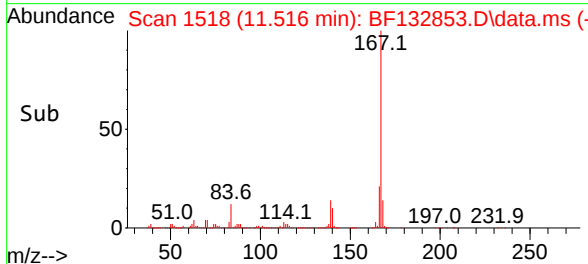


Tgt Ion:167 Resp: 1435300

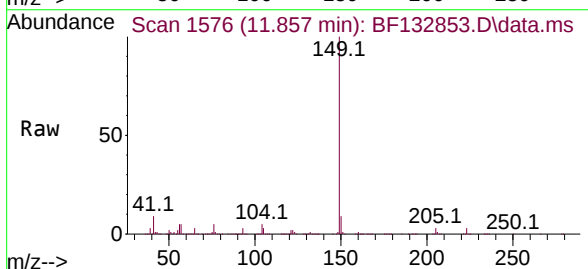
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	13.5	11.1	16.7

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

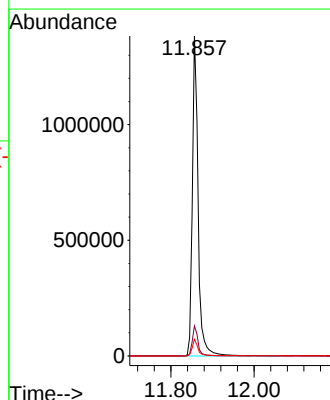
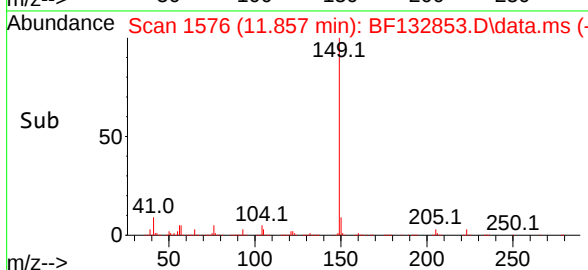


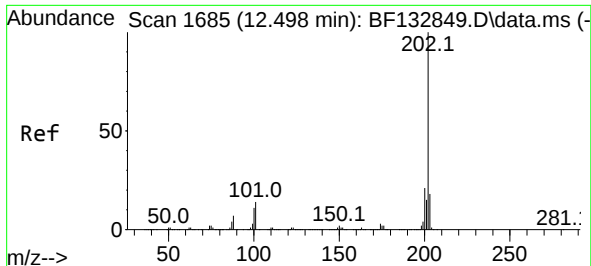
#74
 Di-n-butylphthalate
 Concen: 45.307 ng
 RT: 11.857 min Scan# 1576
 Delta R.T. -0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19



Tgt Ion:149 Resp: 1320170

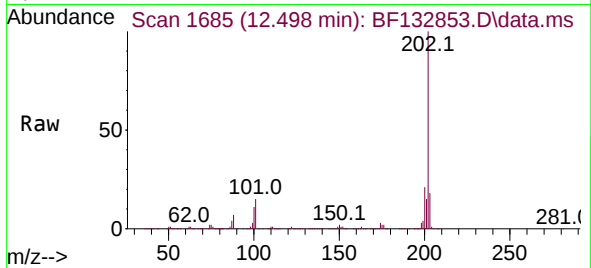
Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.2	4.3	6.5





#75
Fluoranthene
Concen: 39.614 ng
RT: 12.498 min Scan# 1685
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

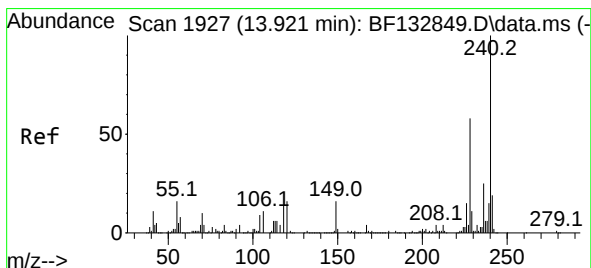
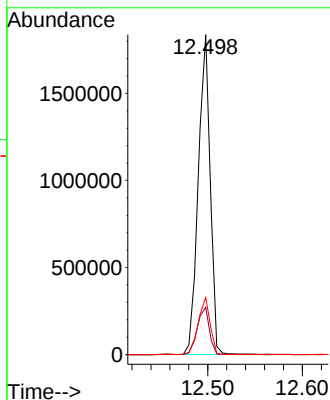
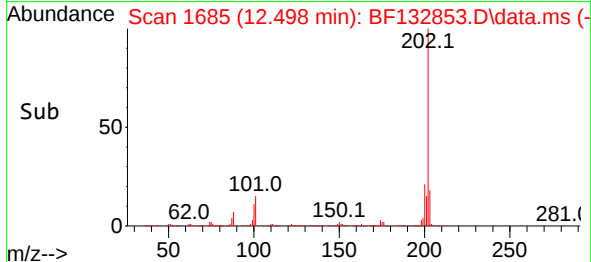
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



Tgt Ion:202 Resp: 1603562
Ion Ratio Lower Upper
202 100
101 14.8 0.0 34.2
203 17.8 0.0 37.8

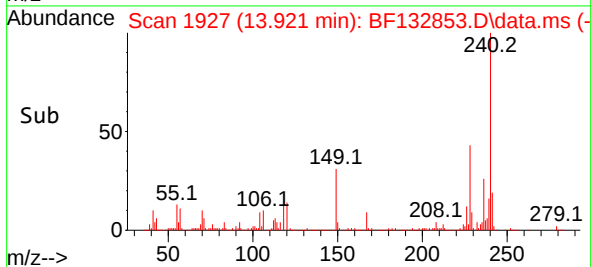
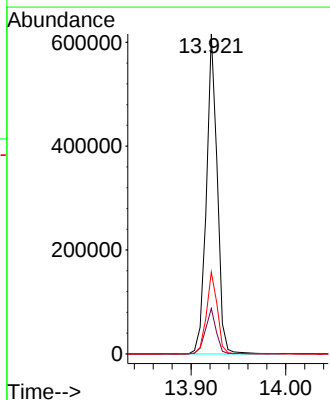
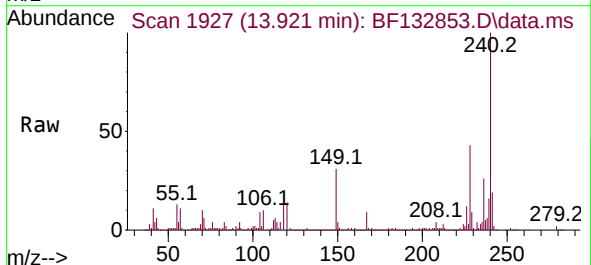
Manual Integrations
APPROVED

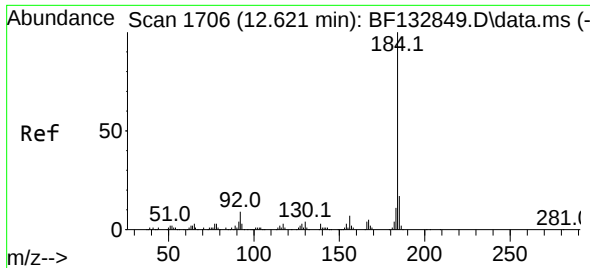
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1927
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

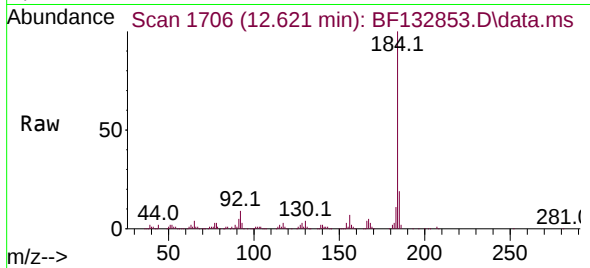
Tgt Ion:240 Resp: 493322
Ion Ratio Lower Upper
240 100
120 14.2 12.6 18.8
236 25.6 20.3 30.5





#77
Benzidine
Concen: 48.675 ng
RT: 12.621 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

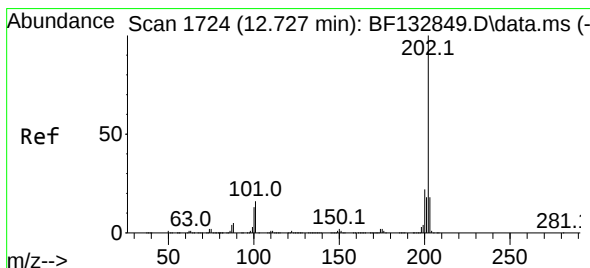
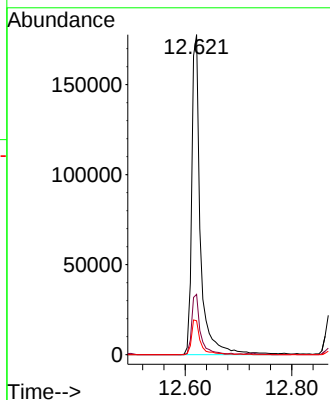
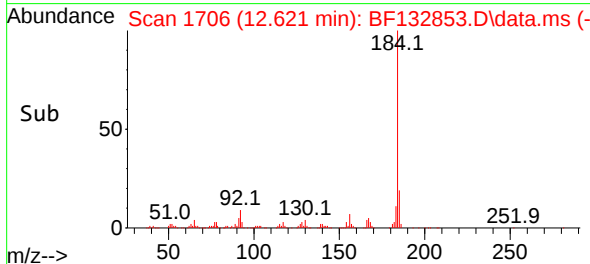
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



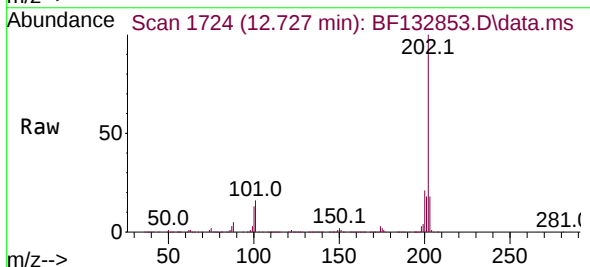
Tgt Ion:184 Resp: 201344
Ion Ratio Lower Upper
184 100
185 18.8 13.2 19.8
183 10.6 8.9 13.3

Manual Integrations
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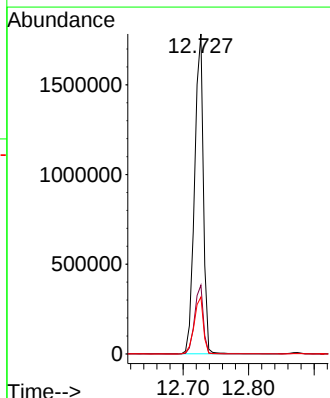
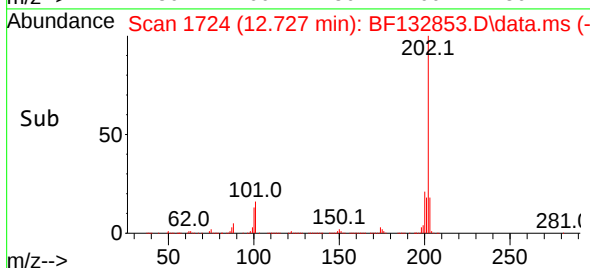
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

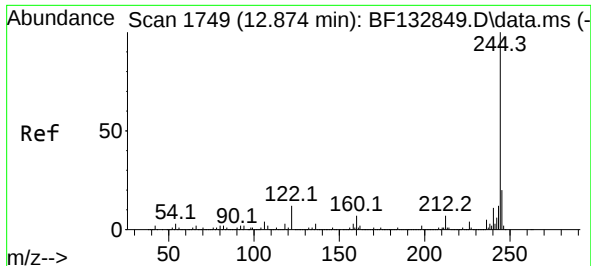


#78
Pyrene
Concen: 39.375 ng
RT: 12.727 min Scan# 1724
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:202 Resp: 1659259
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.0
203 17.8 14.2 21.4





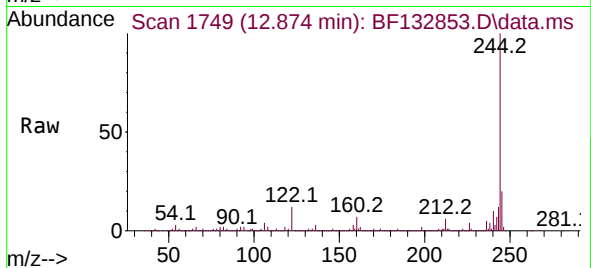
#79
 Terphenyl-d14
 Concen: 79.644 ng
 RT: 12.874 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

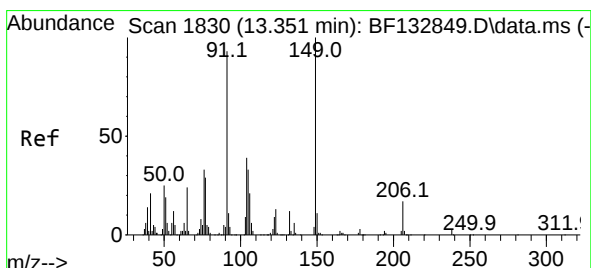
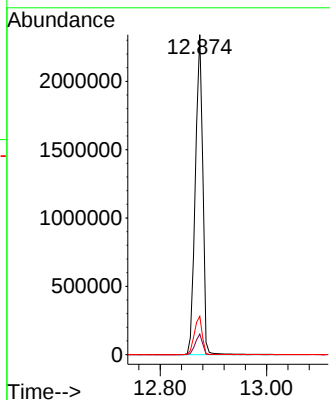
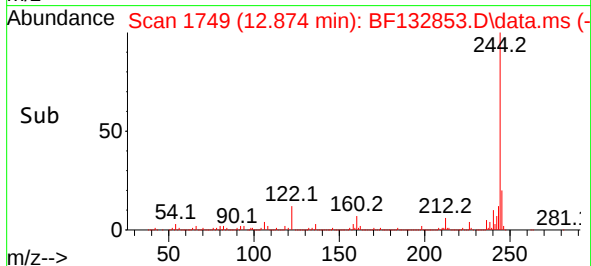


Tgt Ion:244 Resp: 2267619
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 12.0 9.8 14.6

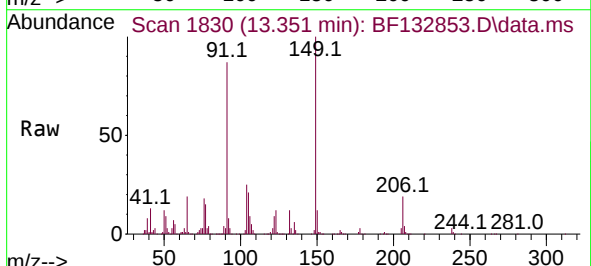
Manual Integrations

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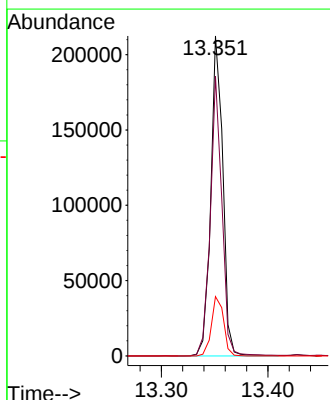
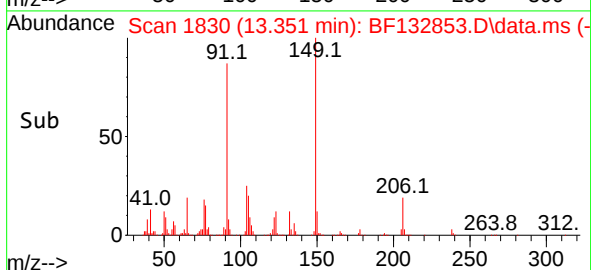
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023

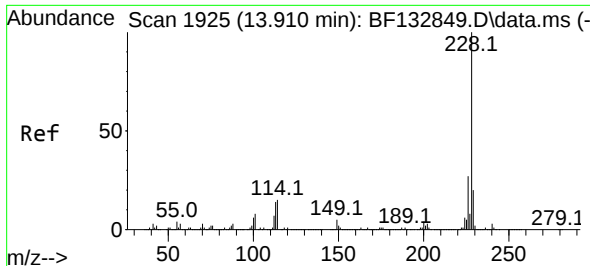


#80
 Butylbenzylphthalate
 Concen: 53.415 ng
 RT: 13.351 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19



Tgt Ion:149 Resp: 166585
 Ion Ratio Lower Upper
 149 100
 91 87.4 74.8 112.2
 206 18.5 13.8 20.6





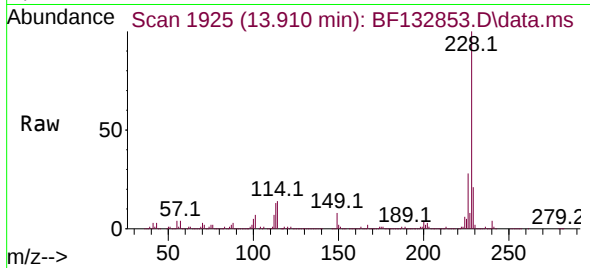
#81
Benzo(a)anthracene
Concen: 39.675 ng
RT: 13.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

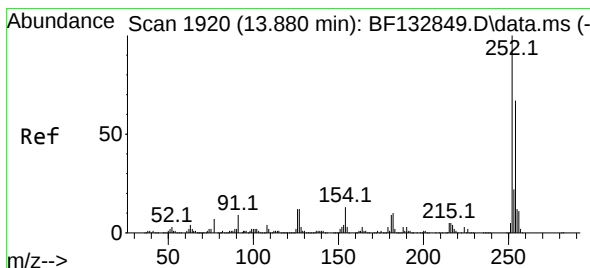
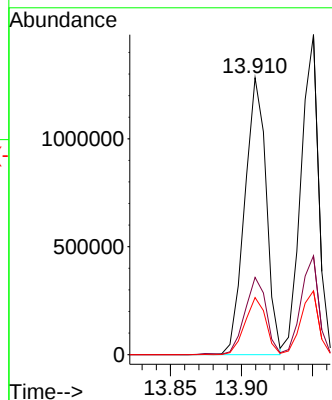
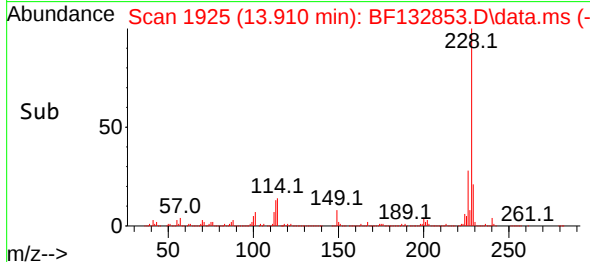


Tgt Ion:228 Resp: 134622
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 20.6 16.1 24.1

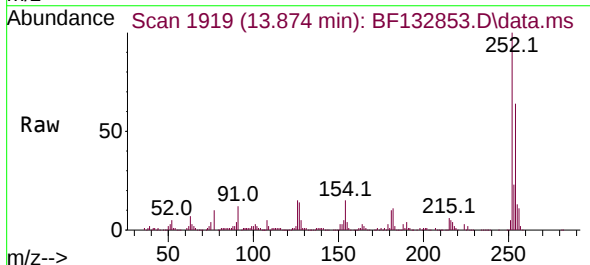
Manual Integrations

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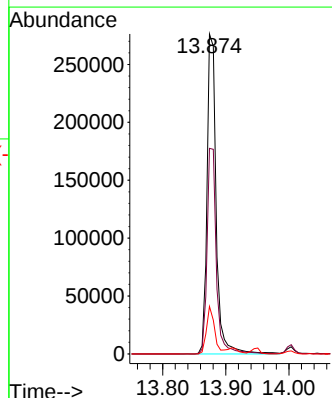
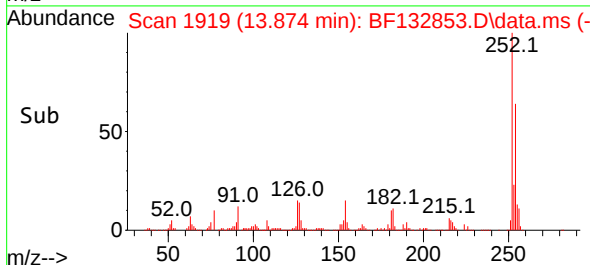
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

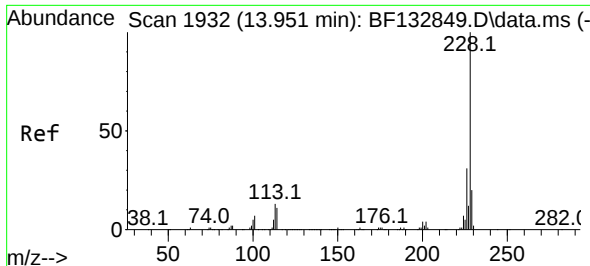


#82
3,3'-Dichlorobenzidine
Concen: 42.489 ng
RT: 13.874 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



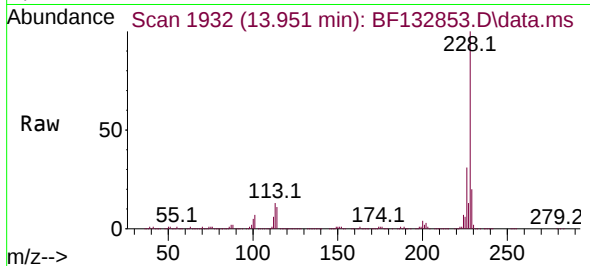
Tgt Ion:252 Resp: 276994
Ion Ratio Lower Upper
252 100
254 64.2 53.8 80.6
126 14.8 9.4 14.0#





#83
Chrysene
Concen: 38.917 ng
RT: 13.951 min Scan# 1932
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

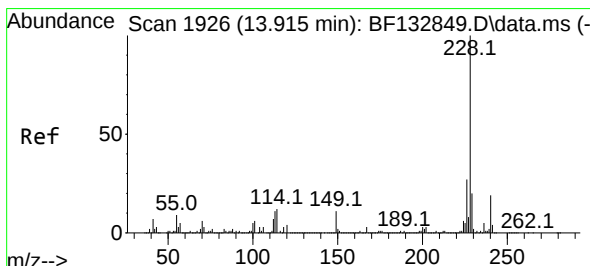
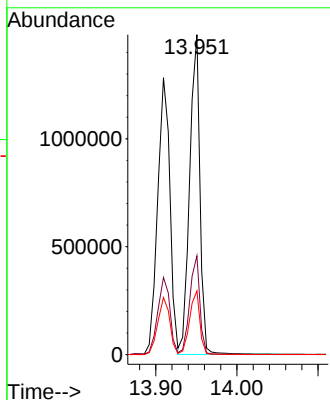
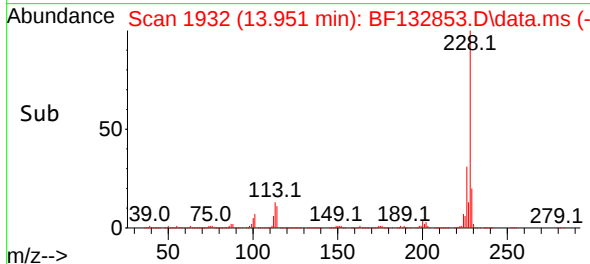
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



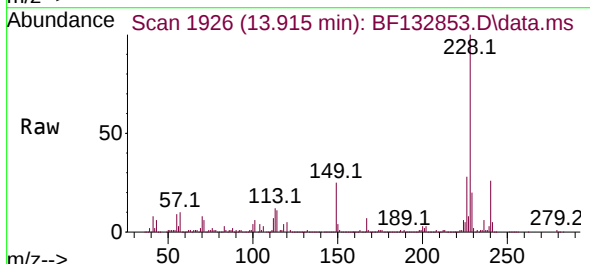
Tgt Ion:228 Resp: 1299895
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 19.9 15.8 23.6

Manual Integrations
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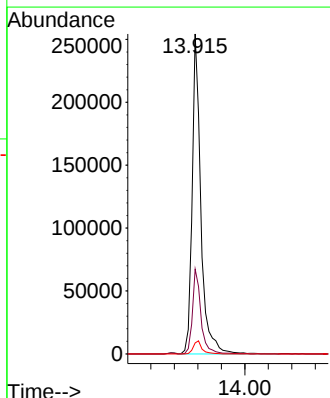
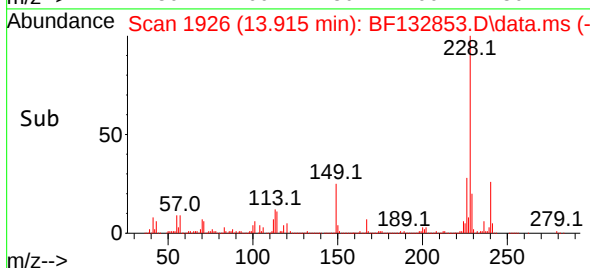
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

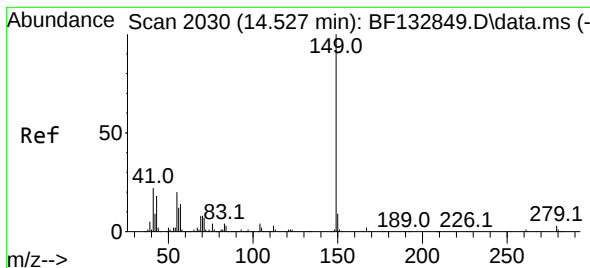


#84
Bis(2-ethylhexyl)phthalate
Concen: 53.987 ng
RT: 13.915 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



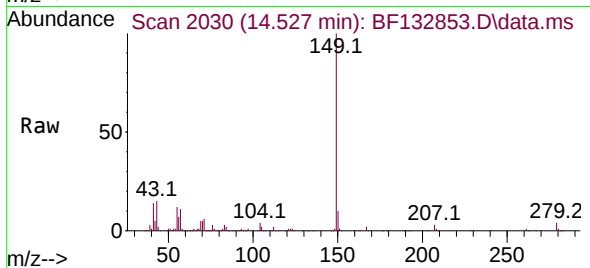
Tgt Ion:149 Resp: 261700
Ion Ratio Lower Upper
149 100
167 26.5 20.4 30.6
279 3.4 2.3 3.5





#85
Di-n-octyl phthalate
Concen: 52.197 ng
RT: 14.527 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

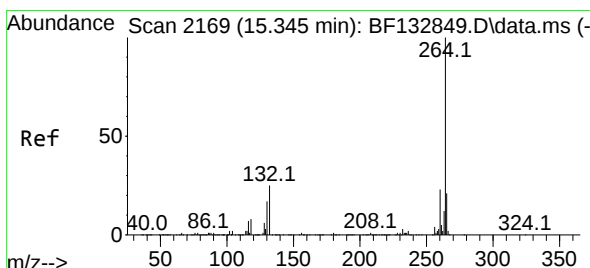
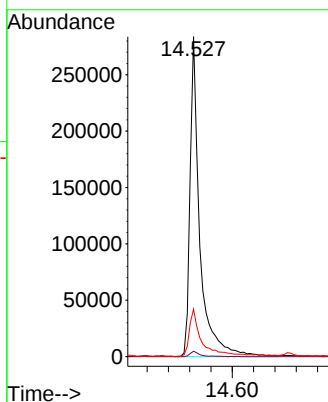
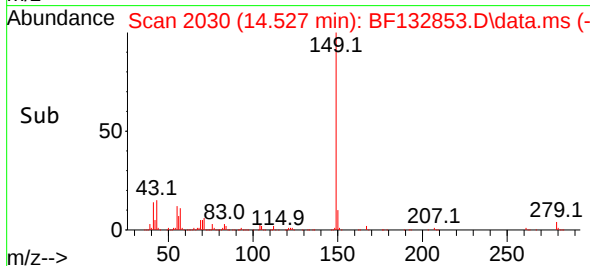
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



Tgt Ion:149 Resp: 363154
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 19.3 21.4 32.0

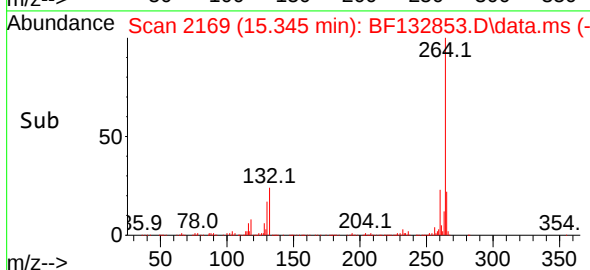
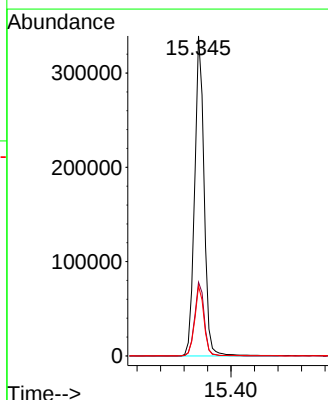
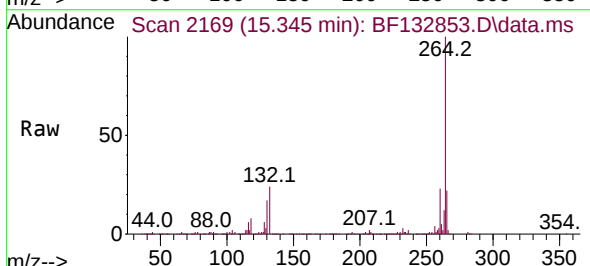
Manual Integrations
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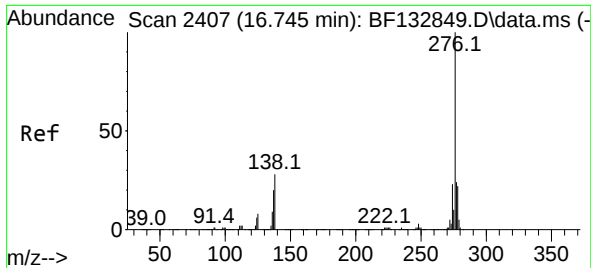
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Tgt Ion:264 Resp: 378272
Ion Ratio Lower Upper
264 100
260 23.0 18.2 27.4
265 21.8 17.2 25.8





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.129 ng
 RT: 16.745 min Scan# 2407
 Delta R.T. -0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

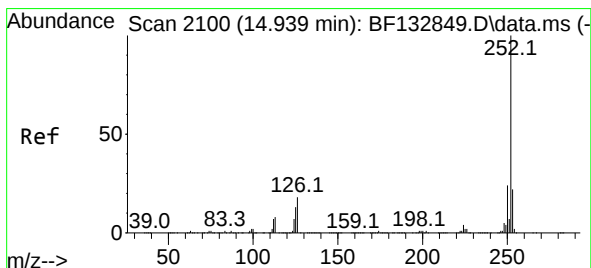
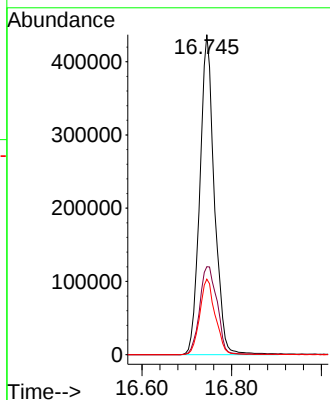
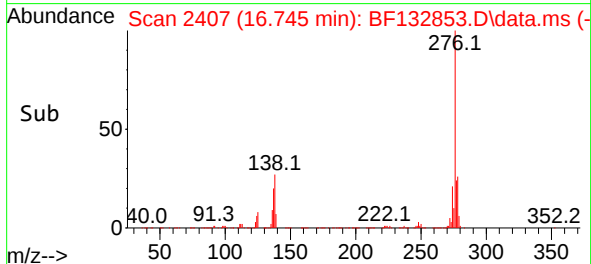
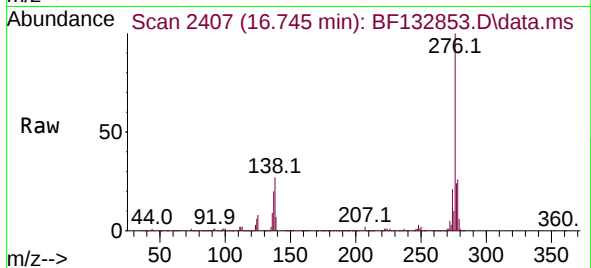
ClientSampleId :

ICVBF041123

Tgt Ion:276 Resp: 981245
 Ion Ratio Lower Upper
 276 100
 138 32.8 27.0 40.6
 277 25.2 20.1 30.1

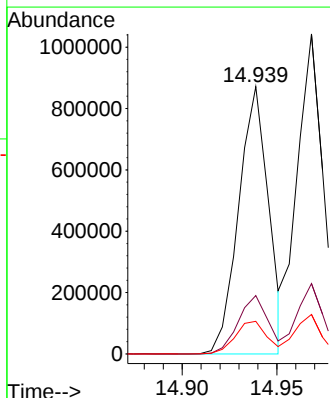
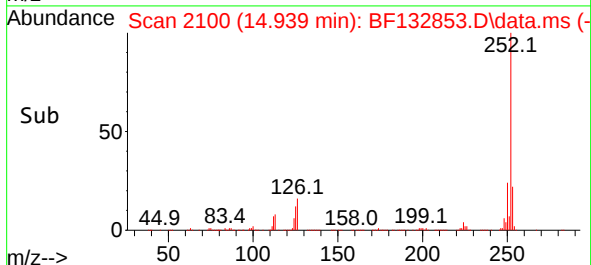
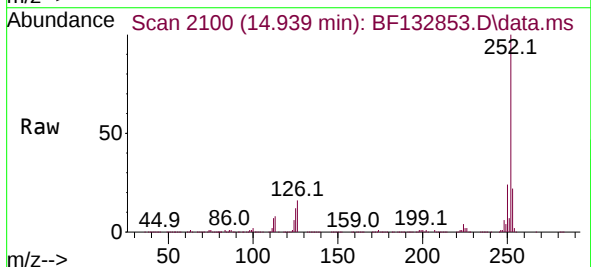
Manual Integrations
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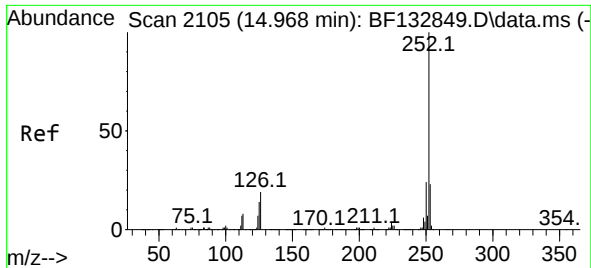
Reviewed By :Christian Giraldo 04/12/2023
 Supervised By :Jagrut Upadhyay 04/12/2023



#88
 Benzo(b)fluoranthene
 Concen: 39.174 ng
 RT: 14.939 min Scan# 2100
 Delta R.T. -0.000 min
 Lab File: BF132853.D
 Acq: 11 Apr 2023 16:19

Tgt Ion:252 Resp: 956363
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.8 26.6
 125 12.2 10.2 15.2





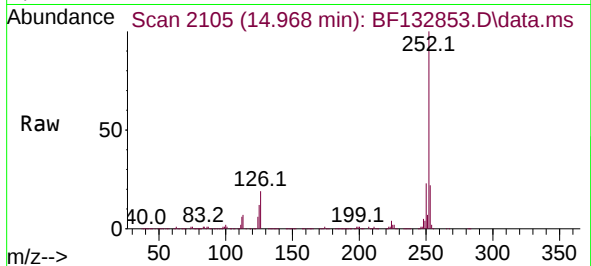
#89
Benzo(k)fluoranthene
Concen: 39.782 ng
RT: 14.968 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

Instrument :

BNA_F

ClientSampleId :

ICVBF041123

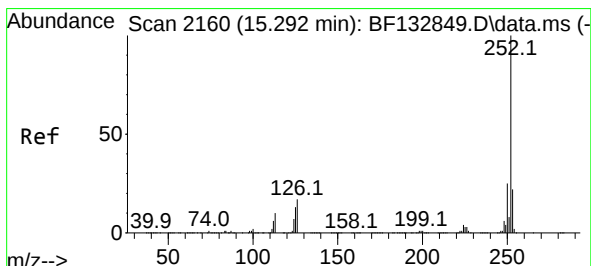
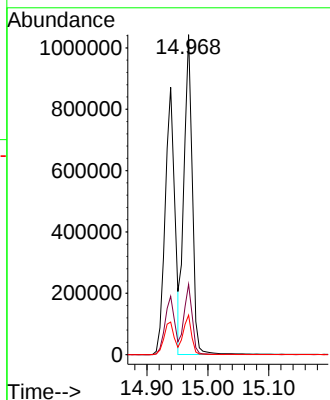
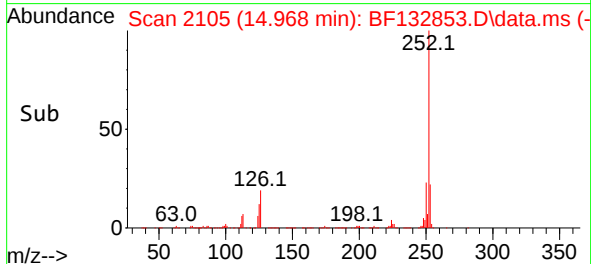


Tgt Ion:252 Resp: 997617
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 12.3 10.5 15.7

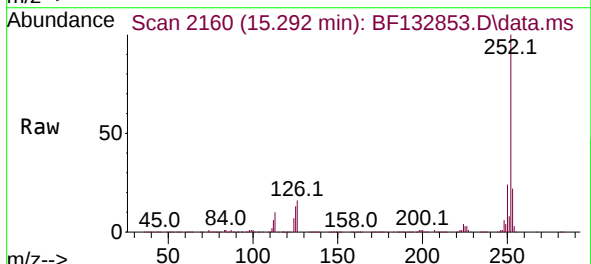
Manual Integrations

APPROVED

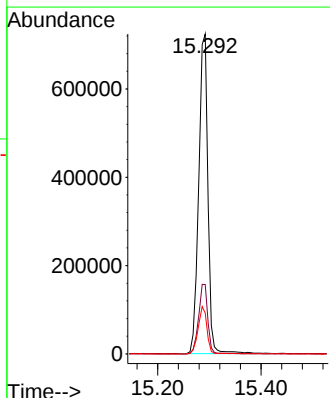
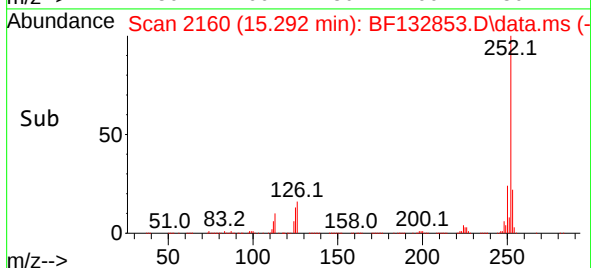
Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023

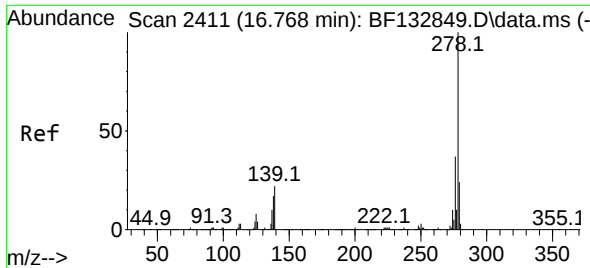


#90
Benzo(a)pyrene
Concen: 40.865 ng
RT: 15.292 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



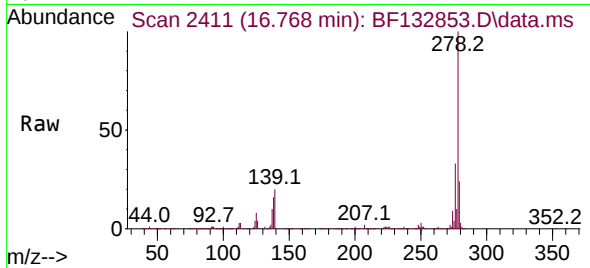
Tgt Ion:252 Resp: 894804
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.7 10.5 15.7





#91
Dibenzo(a,h)anthracene
Concen: 40.235 ng
RT: 16.768 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19

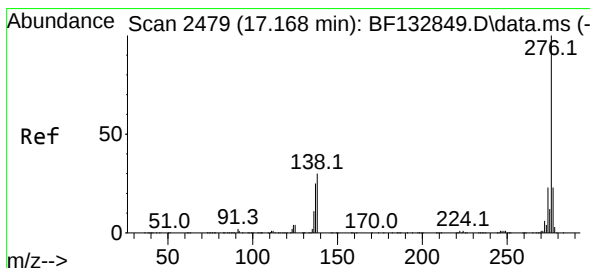
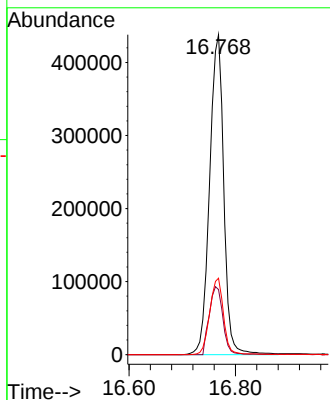
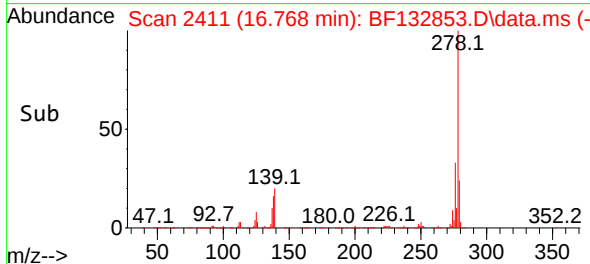
Instrument :
BNA_F
ClientSampleId :
ICVBF041123



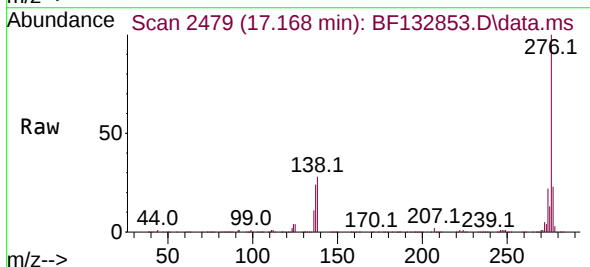
Tgt Ion:278 Resp: 808483
Ion Ratio Lower Upper
278 100
139 20.3 17.4 26.0
279 23.9 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/12/2023
Supervised By :Jagrut Upadhyay 04/12/2023



#92
Benzo(g,h,i)perylene
Concen: 40.174 ng
RT: 17.168 min Scan# 2479
Delta R.T. 0.000 min
Lab File: BF132853.D
Acq: 11 Apr 2023 16:19



Tgt Ion:276 Resp: 829365
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 28.1 23.8 35.6

