

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133202.D
 Acq On : 03 May 2023 12:27
 Operator : CG\JU
 Sample : PB152525BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BS

Quant Time: May 03 13:04:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 12:00:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

05/04/2023
 Supervised By : Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	191386	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	774439	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	401698	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	739678	20.000	ng	0.00
76) Chrysene-d12	13.892	240	503357	20.000	ng	0.00
86) Perylene-d12	15.304	264	446065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1361905	107.495	ng	0.01
7) Phenol-d6	6.381	99	1651684	105.033	ng	0.00
23) Nitrobenzene-d5	7.298	82	979009	68.235	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	413753	102.418	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1743187	72.601	ng	0.00
79) Terphenyl-d14	12.839	244	1945500	66.659	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	258034	43.909	ng	97
3) Pyridine	3.175	79	628767	40.285	ng	98
4) n-Nitrosodimethylamine	3.134	42	337250	41.716	ng	95
6) Aniline	6.392	93	746791	36.871	ng	# 25
8) 2-Chlorophenol	6.522	128	588773	45.770	ng	93
9) Benzaldehyde	6.275	77	344325	52.940	ng	98
10) Phenol	6.392	94	728228	41.978	ng	# 73
11) bis(2-Chloroethyl)ether	6.469	93	571328	43.887	ng	99
12) 1,3-Dichlorobenzene	6.675	146	639033	46.725	ng	96
13) 1,4-Dichlorobenzene	6.751	146	641978	46.837	ng	97
14) 1,2-Dichlorobenzene	6.904	146	598288	47.345	ng	98
15) Benzyl Alcohol	6.881	79	467583	43.045	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	940837	41.610	ng	97
17) 2-Methylphenol	6.998	107	500086	42.456	ng	99
18) Hexachloroethane	7.245	117	225793	47.382	ng	97
19) n-Nitroso-di-n-propyla...	7.151	70	384636	39.289	ng	97
20) 3+4-Methylphenols	7.151	107	581688	41.934	ng	# 80
22) Acetophenone	7.145	105	795022	44.317	ng	99
24) Nitrobenzene	7.316	77	611353	42.050	ng	98
25) Isophorone	7.557	82	1137986	41.774	ng	99
26) 2-Nitrophenol	7.634	139	336665	48.009	ng	93
27) 2,4-Dimethylphenol	7.681	122	537959	44.739	ng	98
28) bis(2-Chloroethoxy)met...	7.769	93	693321	43.022	ng	99
29) 2,4-Dichlorophenol	7.881	162	492609	45.002	ng	97
30) 1,2,4-Trichlorobenzene	7.957	180	517202	45.607	ng	100
31) Naphthalene	8.039	128	1690924	43.671	ng	99
32) Benzoic acid	7.810	122	352914m	47.515	ng	
33) 4-Chloroaniline	8.086	127	472013	30.172	ng	99
34) Hexachlorobutadiene	8.157	225	279749	44.508	ng	99
35) Caprolactam	8.469	113	183034m	49.774	ng	
36) 4-Chloro-3-methylphenol	8.575	107	538011	45.577	ng	97
37) 2-Methylnaphthalene	8.728	142	1117050	42.198	ng	100
38) 1-Methylnaphthalene	8.828	142	1045470	42.218	ng	99
40) 1,2,4,5-Tetrachloroben...	8.898	216	454217	42.055	ng	98
41) Hexachlorocyclopentadiene	8.886	237	583680	92.664	ng	99
43) 2,4,6-Trichlorophenol	9.010	196	327551	43.853	ng	99

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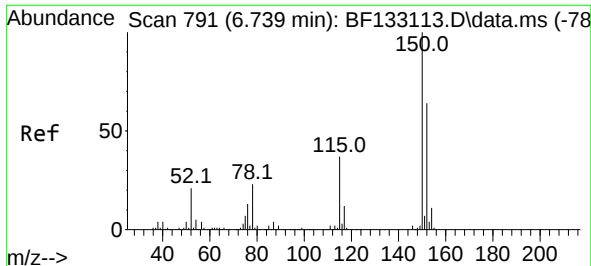
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	356962	41.322	ng	99
46) 1,1'-Biphenyl	9.192	154	1375488	43.183	ng	99
47) 2-Chloronaphthalene	9.216	162	1032332	44.279	ng	99
48) 2-Nitroaniline	9.316	65	338095	43.879	ng	99
49) Acenaphthylene	9.633	152	1614469	43.339	ng	100
50) Dimethylphthalate	9.498	163	1209927	43.197	ng	99
51) 2,6-Dinitrotoluene	9.557	165	280542	44.501	ng	93
52) Acenaphthene	9.804	154	1185492m	47.515	ng	
53) 3-Nitroaniline	9.728	138	265470	35.415	ng	92
54) 2,4-Dinitrophenol	9.833	184	323735	102.163	ng	96
55) Dibenzofuran	9.975	168	1443545	42.415	ng	97
56) 4-Nitrophenol	9.898	139	503963	86.805	ng	94
57) 2,4-Dinitrotoluene	9.963	165	374218	46.546	ng	92
58) Fluorene	10.322	166	1062333	42.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.098	232	297299	44.392	ng	98
60) Diethylphthalate	10.198	149	1148826	43.423	ng	99
61) 4-Chlorophenyl-phenyle...	10.310	204	513064	42.223	ng	95
62) 4-Nitroaniline	10.345	138	336156	48.793	ng	95
63) Azobenzene	10.475	77	1163672	41.520	ng	96
65) 4,6-Dinitro-2-methylph...	10.369	198	224430	50.059	ng	78
66) n-Nitrosodiphenylamine	10.433	169	990542	41.284	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	324849	40.494	ng	96
68) Hexachlorobenzene	10.869	284	357013	43.431	ng	99
69) Atrazine	10.963	200	342558	49.549	ng	98
70) Pentachlorophenol	11.063	266	419808	71.708	ng	99
71) Phenanthrene	11.280	178	1654880	41.626	ng	99
72) Anthracene	11.327	178	1703744	41.876	ng	99
73) Carbazole	11.486	167	1563245	43.151	ng	100
74) Di-n-butylphthalate	11.822	149	1814047	44.248	ng	99
75) Fluoranthene	12.463	202	1695624	42.498	ng	99
77) Benzidine	12.586	184	1084233	127.377	ng	# 93
78) Pyrene	12.692	202	1761750	40.829	ng	98
80) Butylbenzylphthalate	13.316	149	760755	49.794	ng	99
81) Benzo(a)anthracene	13.880	228	1413215	40.828	ng	99
82) 3,3'-Dichlorobenzidine	13.845	252	397943	41.616	ng	99
83) Chrysene	13.915	228	1424057	41.151	ng	100
84) Bis(2-ethylhexyl)phtha...	13.874	149	871638	45.453	ng	99
85) Di-n-octyl phthalate	14.486	149	1610836	51.516	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	1147377	45.220	ng	99
88) Benzo(b)fluoranthene	14.904	252	1266914	44.644	ng	98
89) Benzo(k)fluoranthene	14.933	252	1269505	45.129	ng	99
90) Benzo(a)pyrene	15.251	252	1083217	41.936	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	951968	44.984	ng	99
92) Benzo(g,h,i)perylene	17.109	276	951426	45.539	ng	96

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



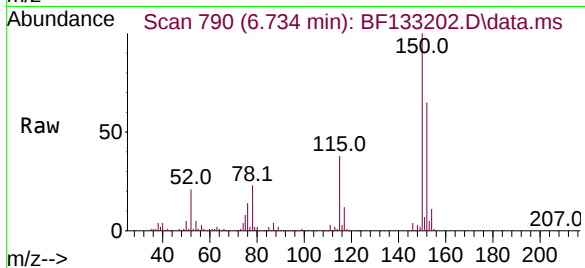
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:152 Resp: 191380
Ion Ratio Lower Upper
152 100
150 153.9 124.8 187.2
115 58.9 49.9 74.9

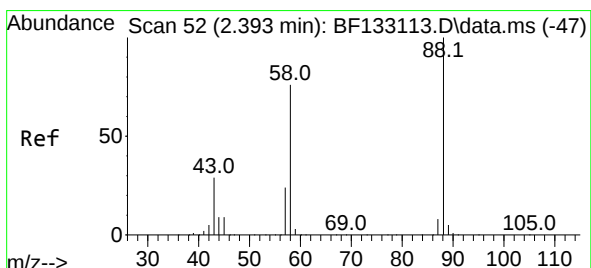
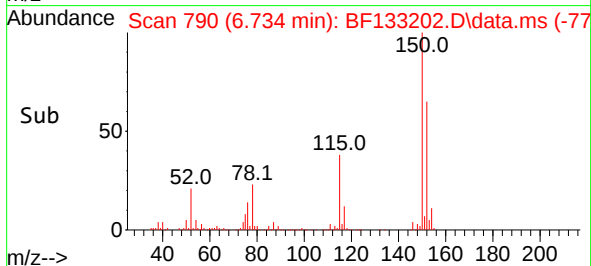
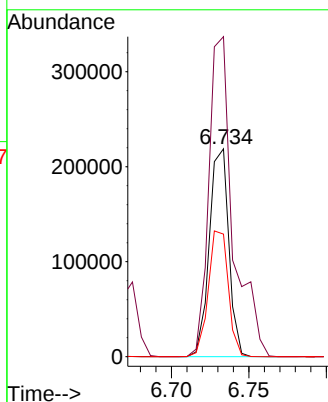
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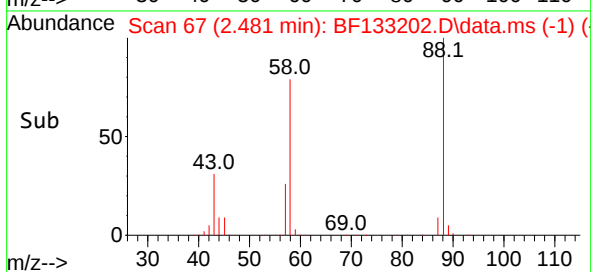
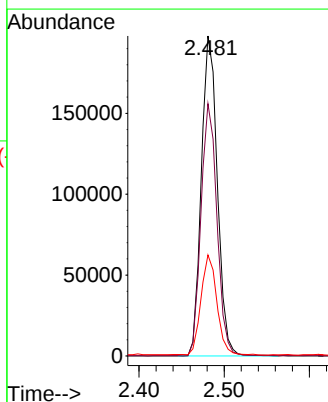
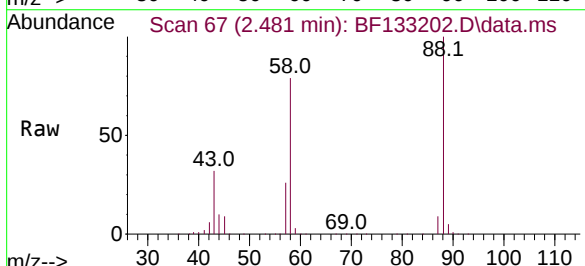
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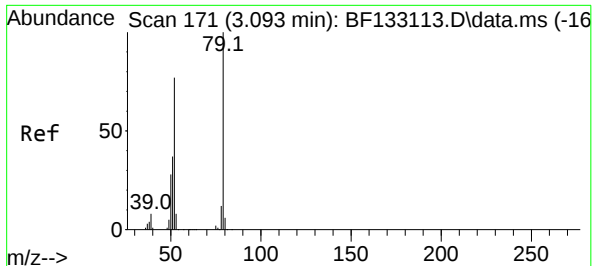
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#2
1,4-Dioxane
Concen: 43.909 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.106 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion: 88 Resp: 258034
Ion Ratio Lower Upper
88 100
58 78.8 64.7 97.1
43 31.1 26.2 39.2





#3
Pyridine
Concen: 40.285 ng
RT: 3.175 min Scan# 171
Delta R.T. 0.100 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS

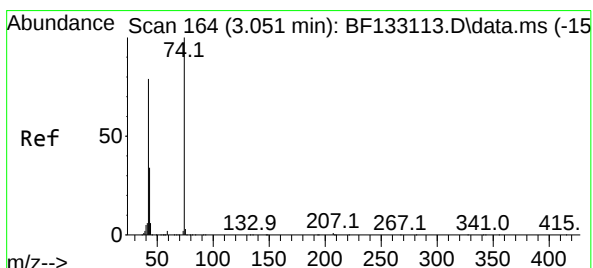
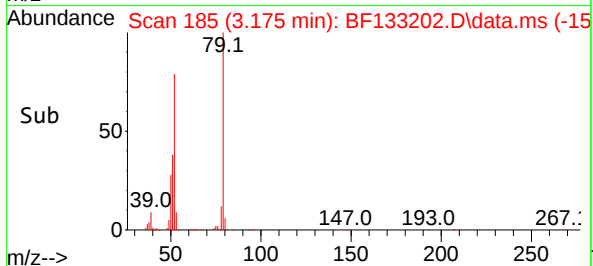
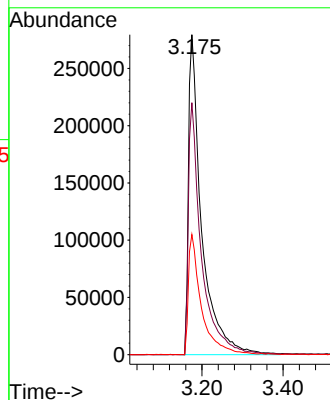
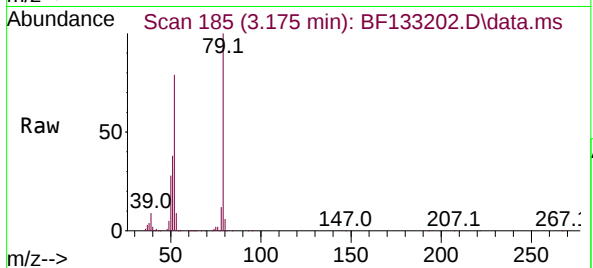
Tgt Ion: 79 Resp: 62876
Ion Ratio Lower Upper
79 100
52 78.7 64.6 96.8
51 37.6 30.0 45.0

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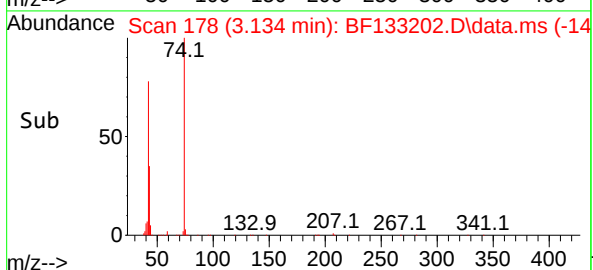
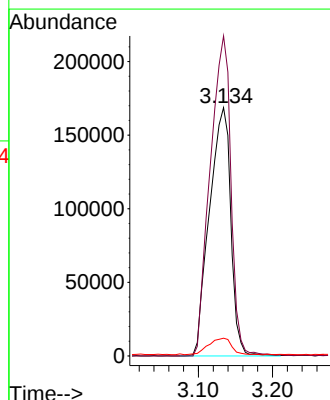
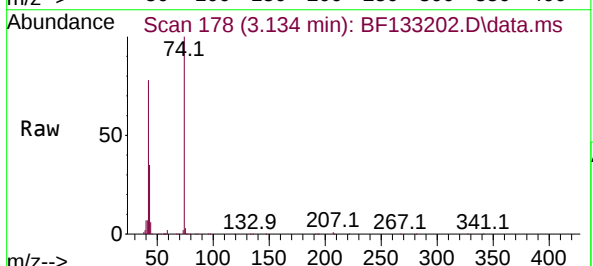
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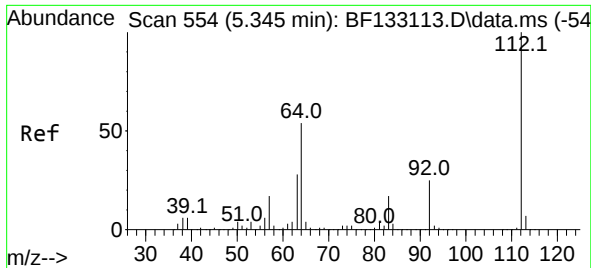
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#4
n-Nitrosodimethylamine
Concen: 41.716 ng
RT: 3.134 min Scan# 178
Delta R.T. 0.100 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

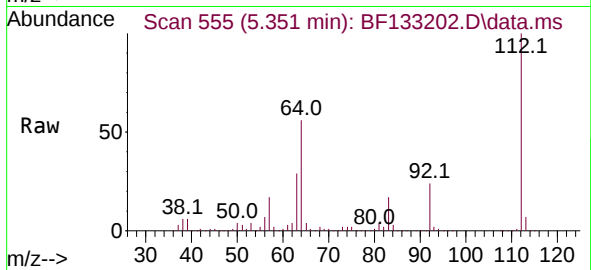
Tgt Ion: 42 Resp: 337250
Ion Ratio Lower Upper
42 100
74 128.8 98.0 147.0
44 7.1 5.8 8.8





#5
2-Fluorophenol
Concen: 107.495 ng
RT: 5.351 min Scan# 51
Delta R.T. 0.011 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



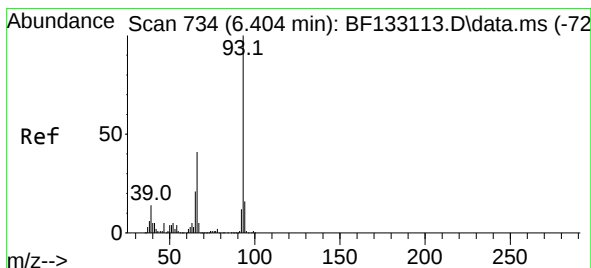
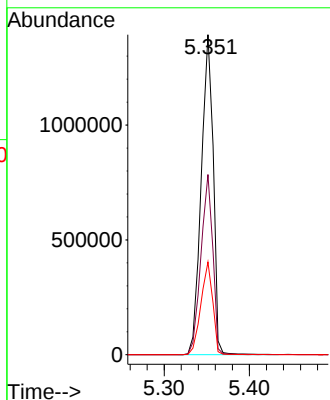
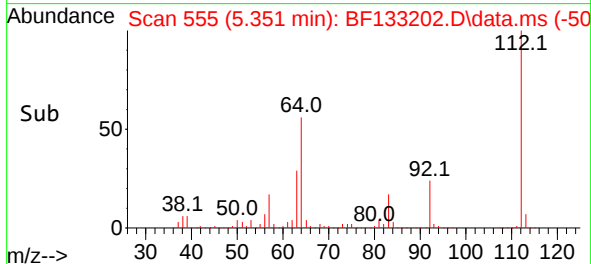
Tgt Ion:112 Resp: 136190
Ion Ratio Lower Upper
112 100
64 56.3 46.8 70.2
63 29.0 23.8 35.8

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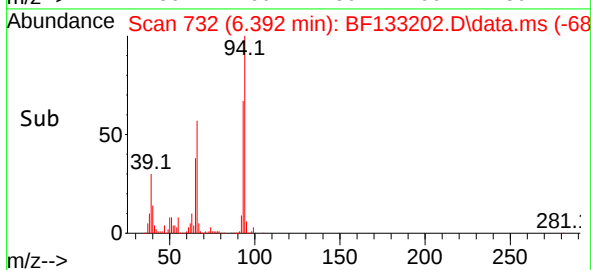
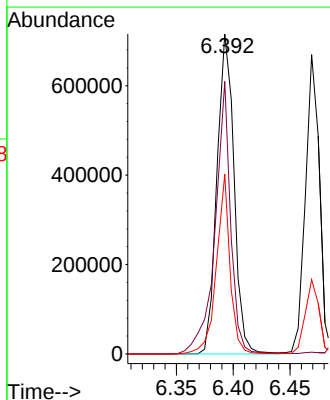
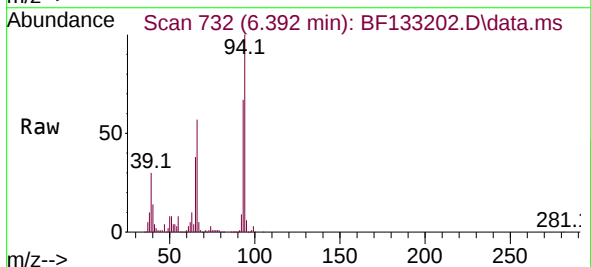
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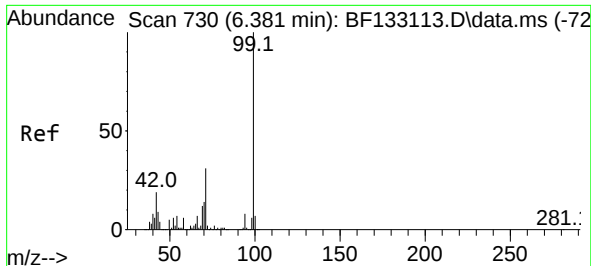
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#6
Aniline
Concen: 36.871 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

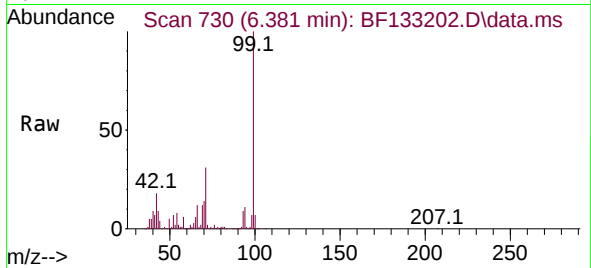
Tgt Ion: 93 Resp: 746791
Ion Ratio Lower Upper
93 100
66 85.1 31.5 47.3#
65 56.2 16.4 24.6#





#7
Phenol-d6
Concen: 105.033 ng
RT: 6.381 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

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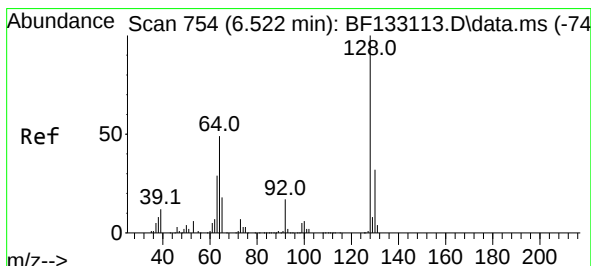
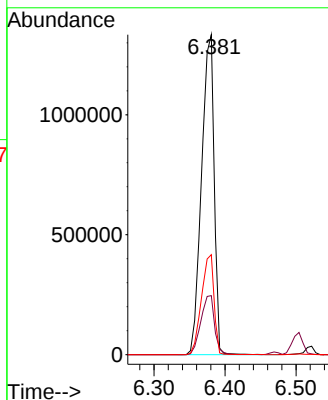
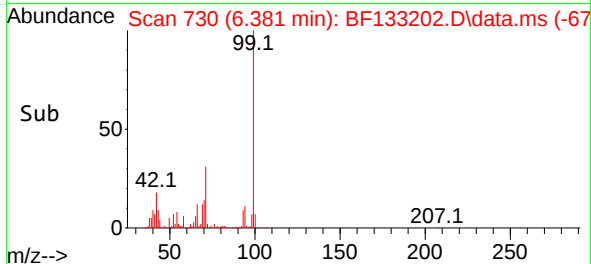
Tgt Ion: 99 Resp: 1651684
Ion Ratio Lower Upper
99 100
42 18.5 16.3 24.5
71 31.2 25.6 38.4

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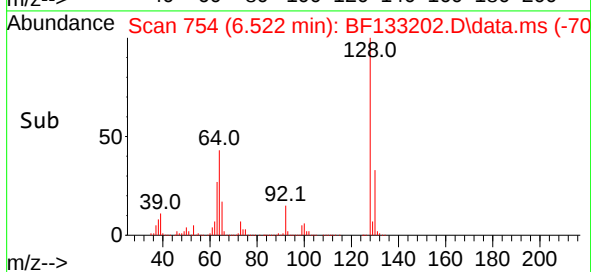
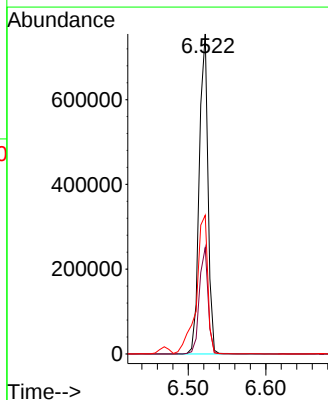
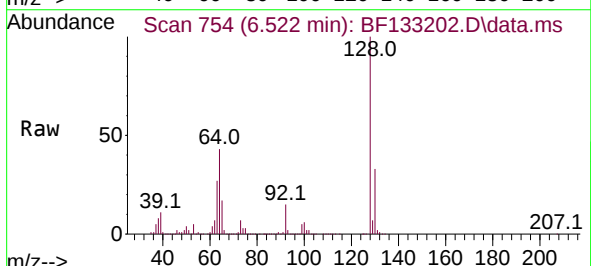
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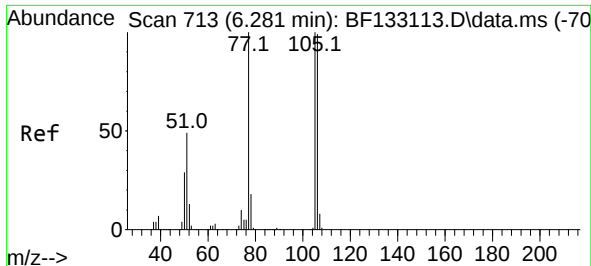
05/04/2023



#8
2-Chlorophenol
Concen: 45.770 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

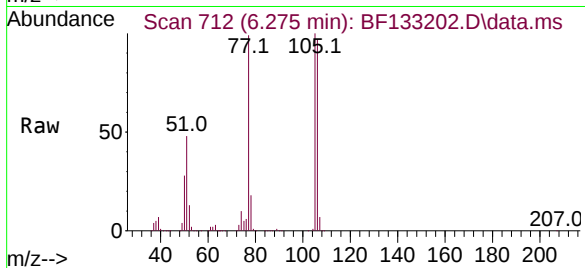
Tgt Ion:128 Resp: 588773
Ion Ratio Lower Upper
128 100
130 33.3 12.2 52.2
64 43.3 30.3 70.3





#9
Benzaldehyde
Concen: 52.940 ng
RT: 6.275 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

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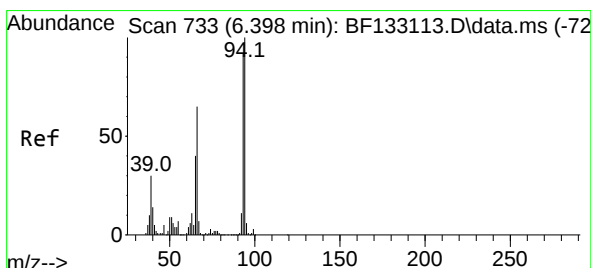
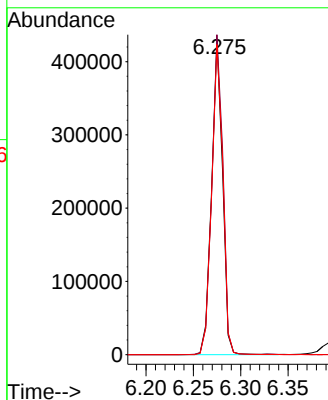
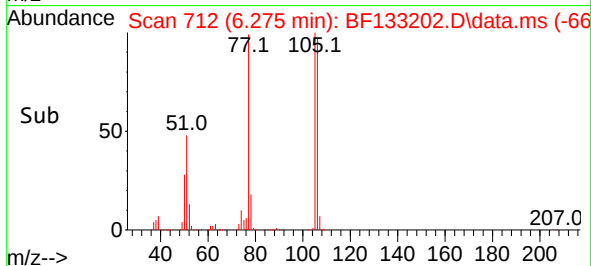
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Ion Ratio Lower Upper
77 100
105 101.4 82.3 122.3
106 98.3 80.8 120.8

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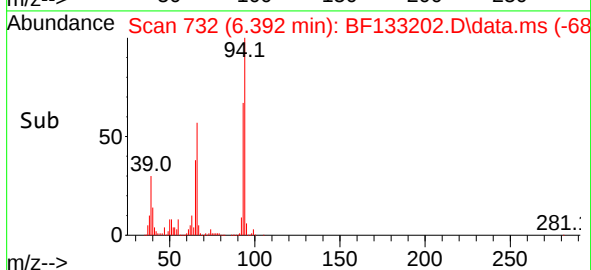
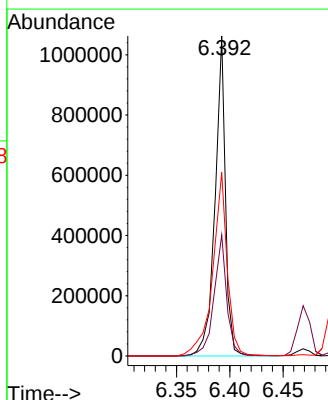
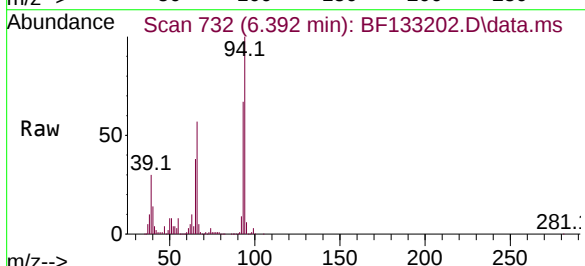
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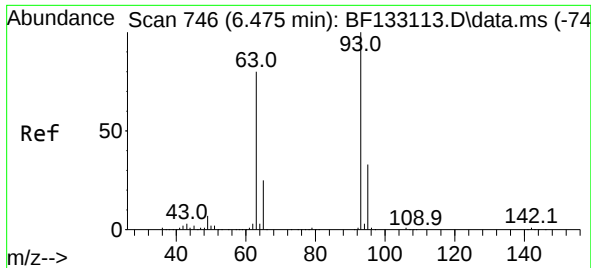
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#10
Phenol
Concen: 41.978 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion: 94 Resp: 728228
Ion Ratio Lower Upper
94 100
65 37.9 8.6 48.6
66 57.4 17.3 57.3#





#11

bis(2-Chloroethyl)ether

Concen: 43.887 ng

RT: 6.469 min Scan# 746

Delta R.T. -0.000 min

Lab File: BF133202.D

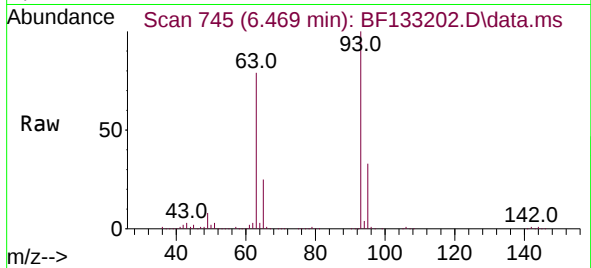
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 93 Resp: 571328

Ion Ratio Lower Upper

93 100

63 79.5 60.6 100.6

95 33.0 12.9 52.9

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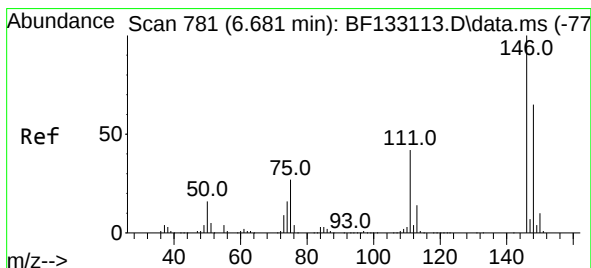
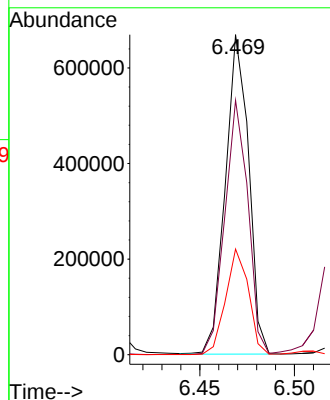
Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut Upadhyay

05/04/2023



#12

1,3-Dichlorobenzene

Concen: 46.725 ng

RT: 6.675 min Scan# 780

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

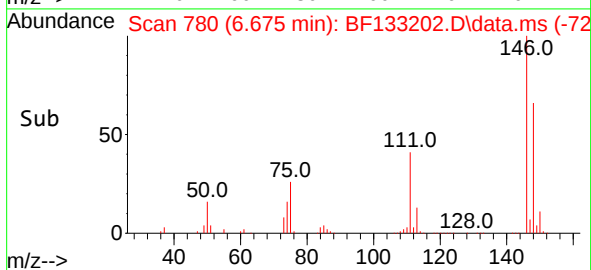
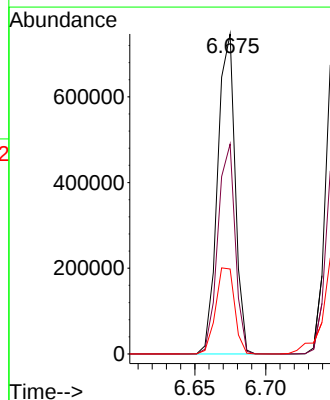
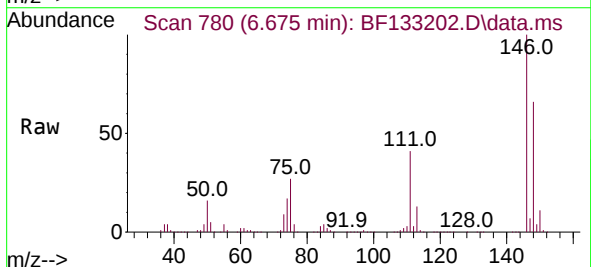
Tgt Ion:146 Resp: 639033

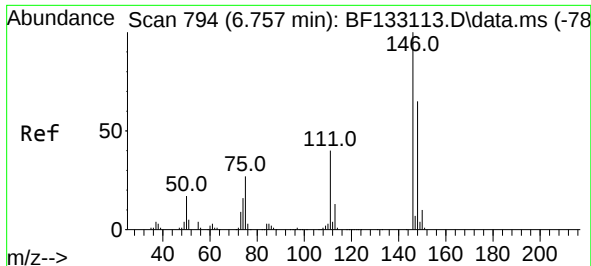
Ion Ratio Lower Upper

146 100

148 65.6 51.0 76.4

75 26.5 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 46.837 ng

RT: 6.751 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:	146	Resp:	641978
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.3	75.5
111	39.1	33.8	50.6

Manual Integrations

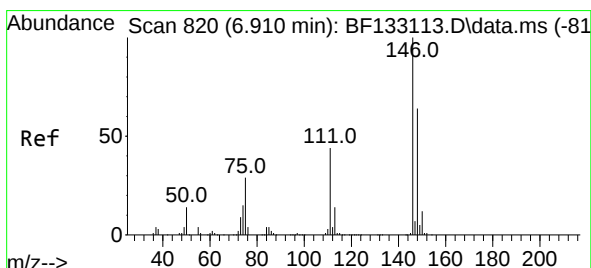
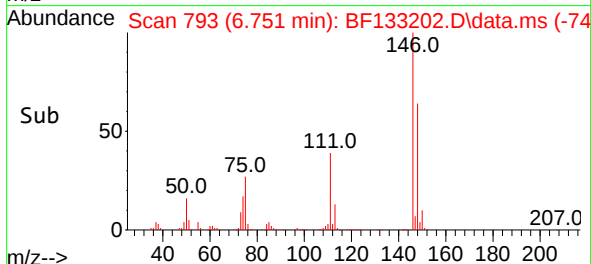
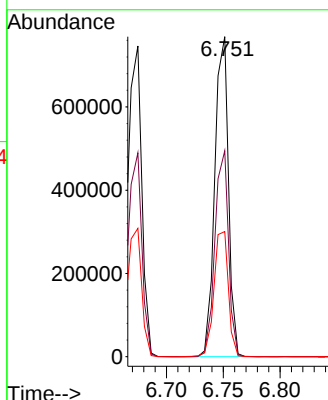
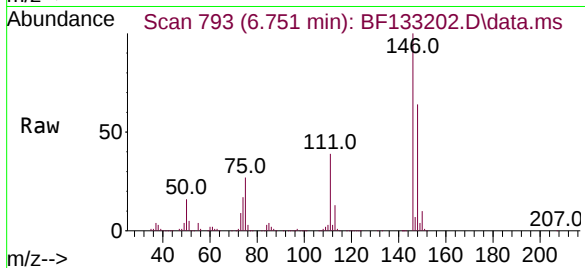
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Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut Upadhyay

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#14

1,2-Dichlorobenzene

Concen: 47.345 ng

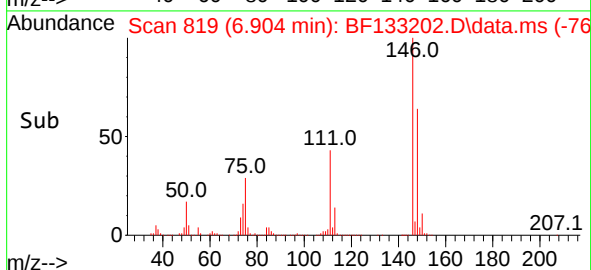
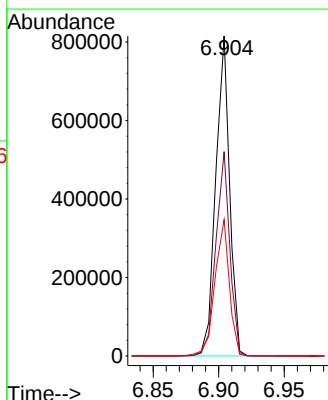
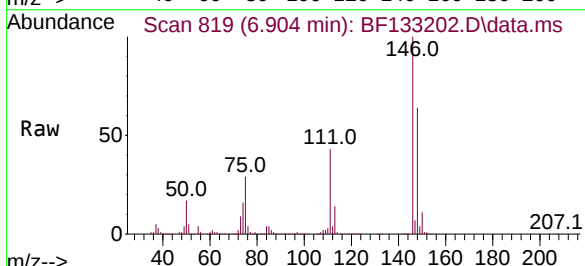
RT: 6.904 min Scan# 819

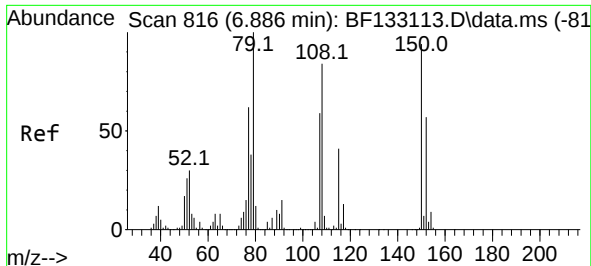
Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

Tgt Ion:	146	Resp:	598288
Ion Ratio	Lower	Upper	
146	100		
148	63.8	52.2	78.2
111	42.6	32.8	49.2





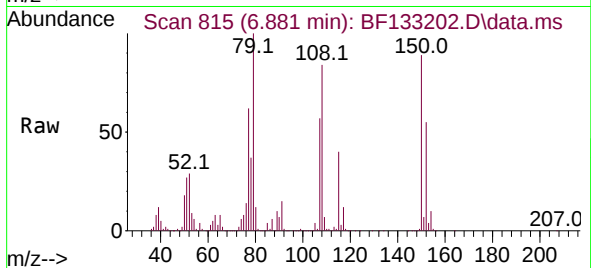
#15
Benzyl Alcohol
Concen: 43.045 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion: 79 Resp: 46758
Ion Ratio Lower Upper
79 100
108 84.5 66.6 99.8
77 62.0 49.2 73.8

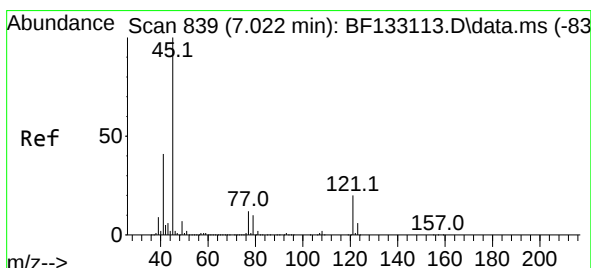
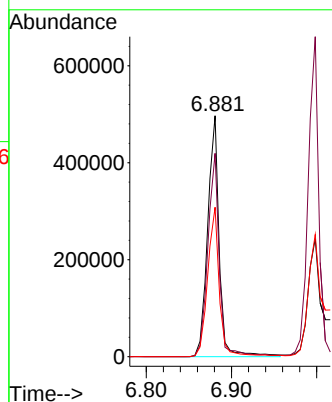
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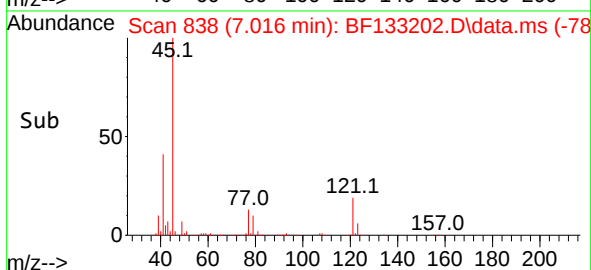
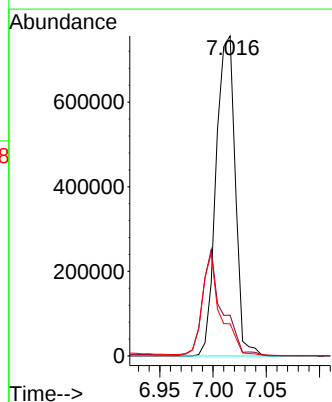
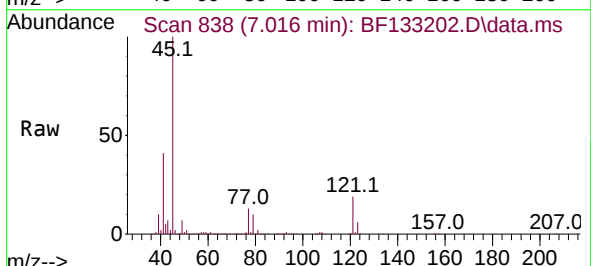
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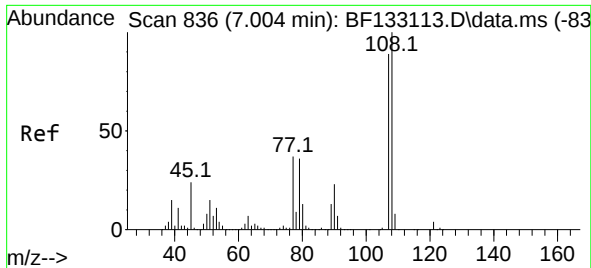
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.610 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion: 45 Resp: 940837
Ion Ratio Lower Upper
45 100
77 12.8 0.0 31.5
79 10.1 0.0 28.7





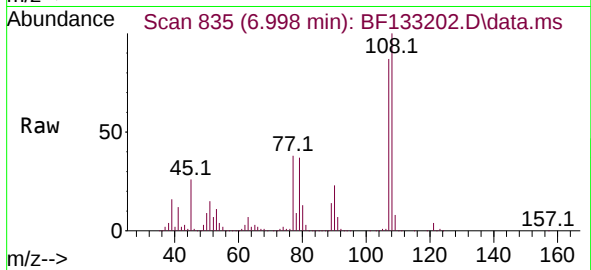
#17
2-Methylphenol
Concen: 42.456 ng
RT: 6.998 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:107 Resp: 500080

Ion	Ratio	Lower	Upper
107	100		
108	115.1	92.4	138.6
77	43.9	33.8	50.8
79	42.4	33.1	49.7

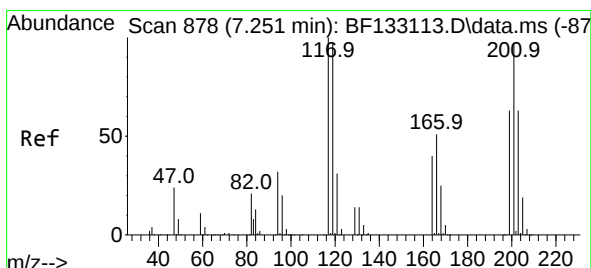
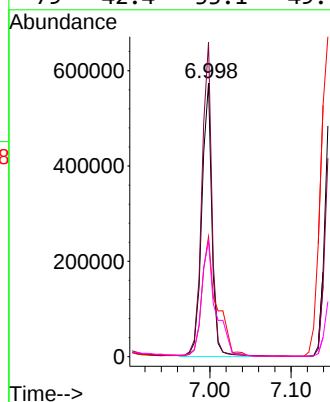
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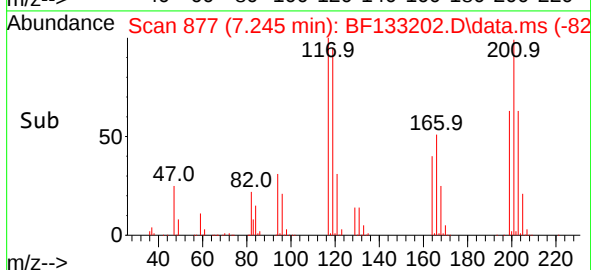
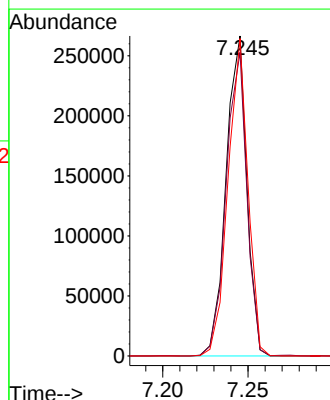
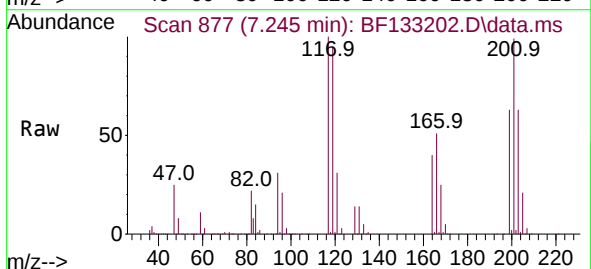
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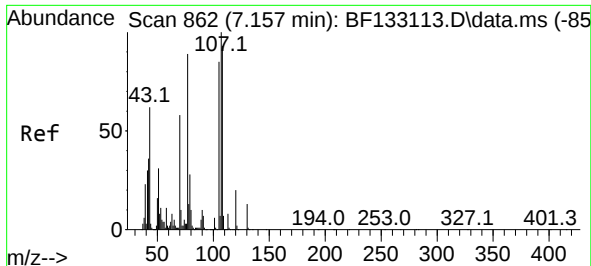


#18
Hexachloroethane
Concen: 47.382 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:117 Resp: 225793

Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.2	117.4
201	99.2	81.7	122.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.289 ng
RT: 7.151 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion: 70 Resp: 384630
Ion Ratio Lower Upper
70 100
42 62.4 51.8 77.6
101 10.2 8.0 12.0
130 22.1 16.8 25.2

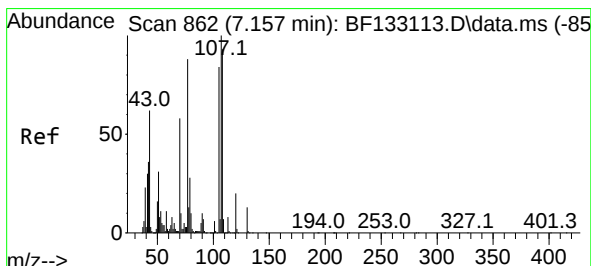
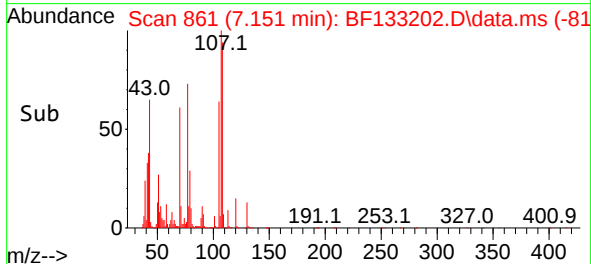
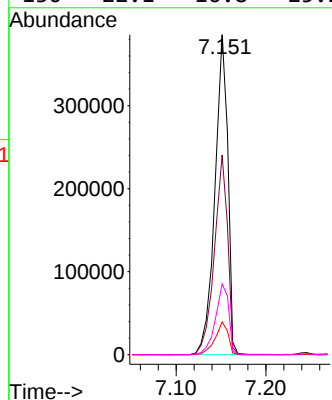
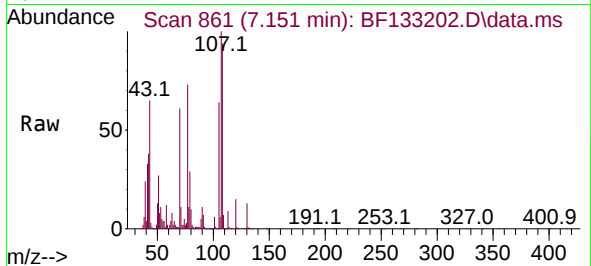
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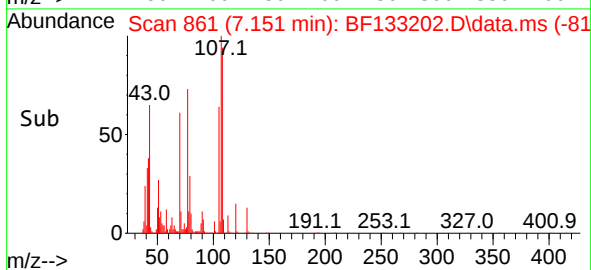
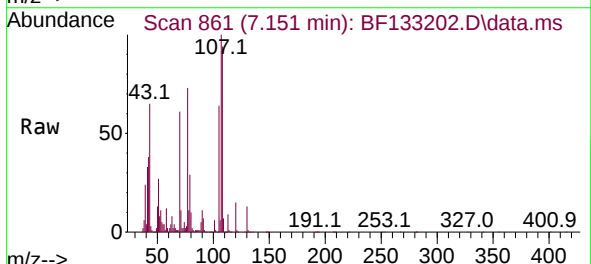
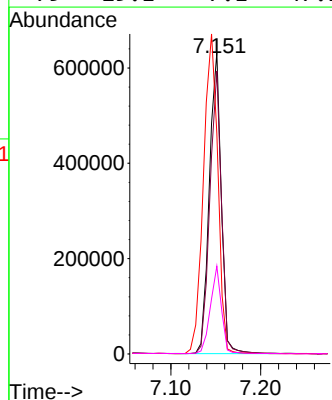
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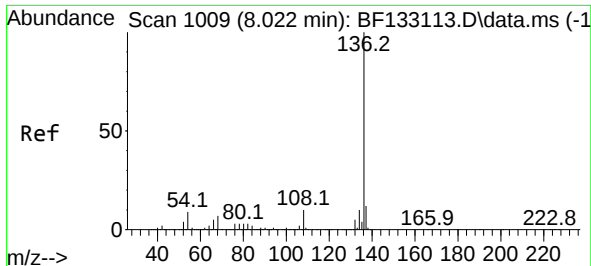
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#20
3+4-Methylphenols
Concen: 41.934 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

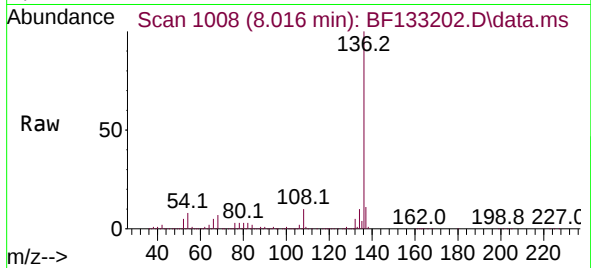
Tgt Ion:107 Resp: 581688
Ion Ratio Lower Upper
107 100
108 93.9 70.5 110.5
77 73.1 91.7 131.7#
79 29.1 7.1 47.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



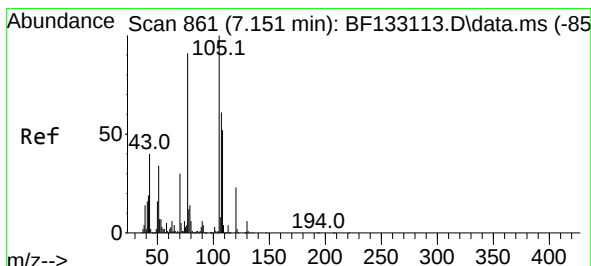
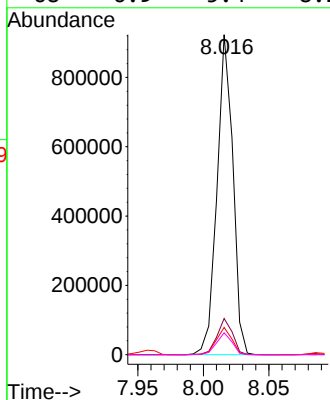
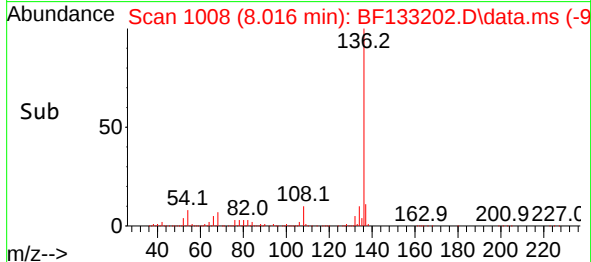
Tgt Ion:136 Resp: 774439
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.5 7.0 10.4
68 6.9 5.4 8.2

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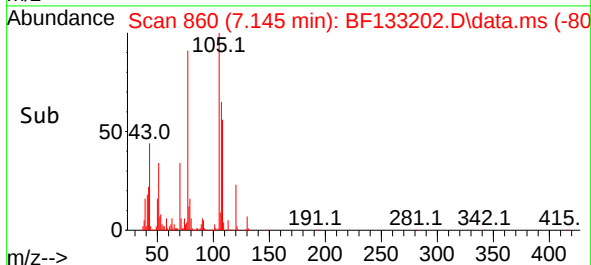
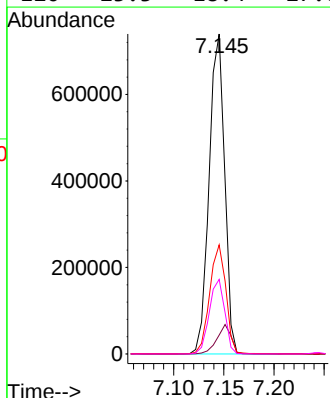
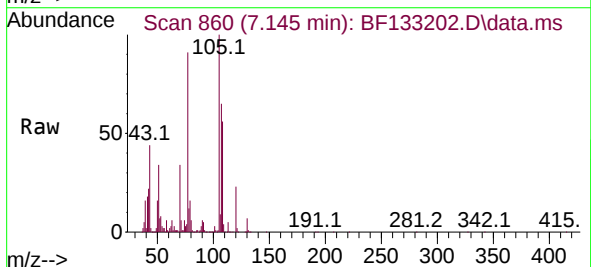
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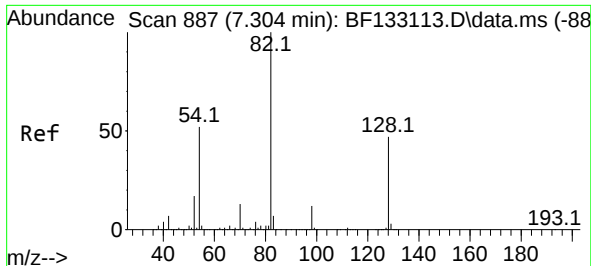
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#22
Acetophenone
Concen: 44.317 ng
RT: 7.145 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:105 Resp: 795022
Ion Ratio Lower Upper
105 100
71 5.9 4.6 7.0
51 34.1 28.2 42.2
120 23.3 18.4 27.6





#23

Nitrobenzene-d5

Concen: 68.235 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion: 82	Resp: 979009
Ion Ratio	Lower Upper
82 100	
128 47.4	37.7 56.5
54 52.7	43.0 64.4

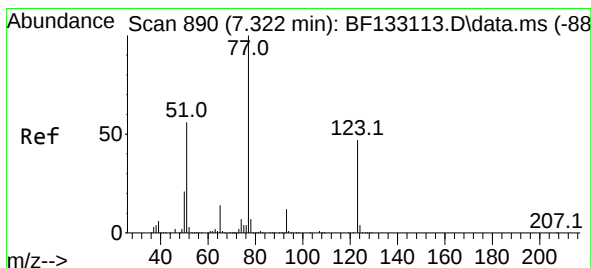
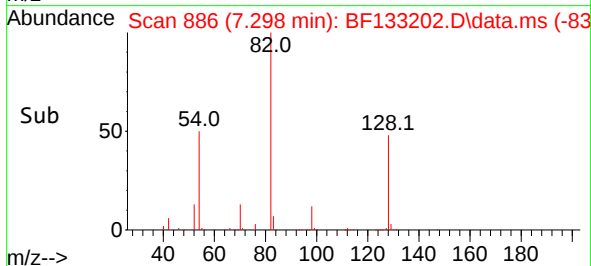
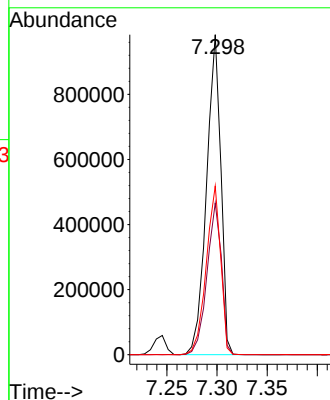
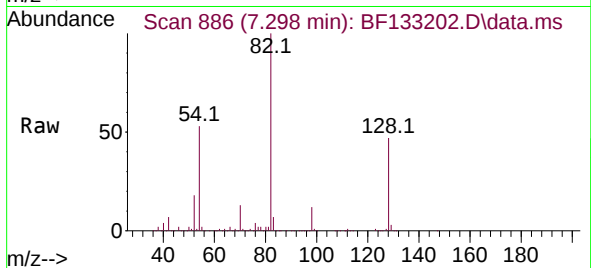
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#24

Nitrobenzene

Concen: 42.050 ng

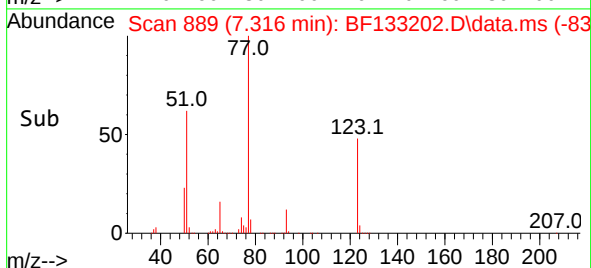
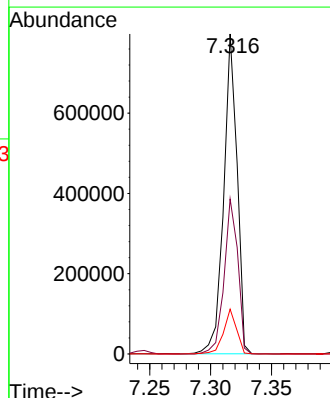
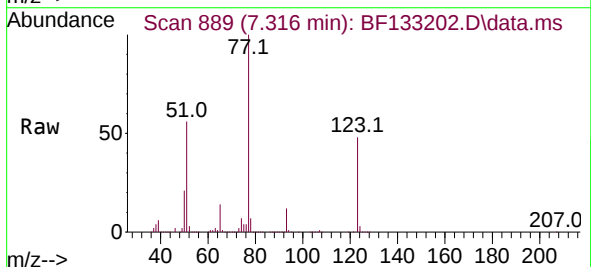
RT: 7.316 min Scan# 889

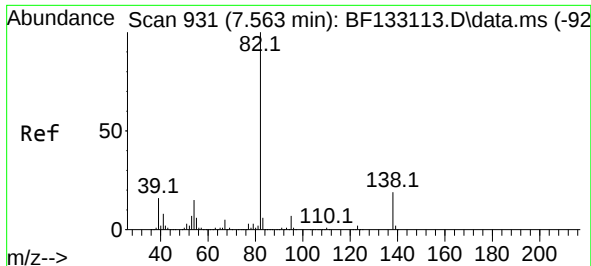
Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

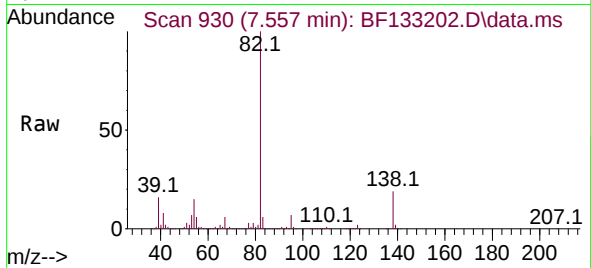
Tgt Ion: 77	Resp: 611353
Ion Ratio	Lower Upper
77 100	
123 48.4	39.9 59.9
65 14.0	10.7 16.1





#25
Isophorone
Concen: 41.774 ng
RT: 7.557 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



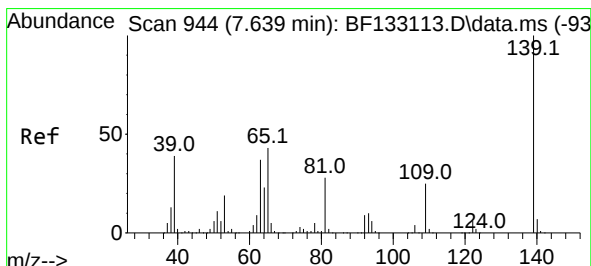
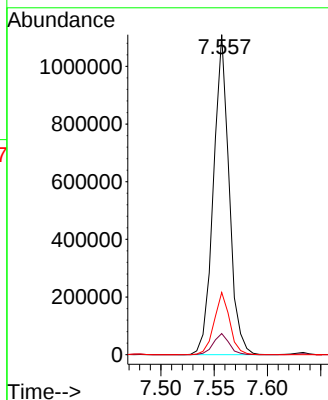
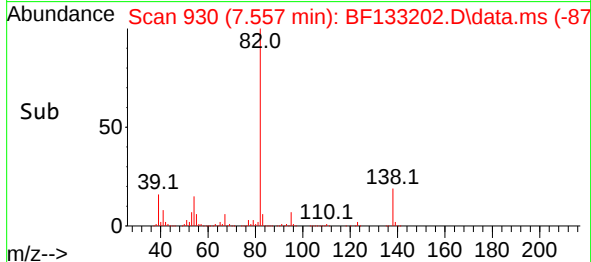
Tgt Ion: 82 Resp: 113798
Ion Ratio Lower Upper
82 100
95 6.6 5.4 8.0
138 19.5 16.0 24.0

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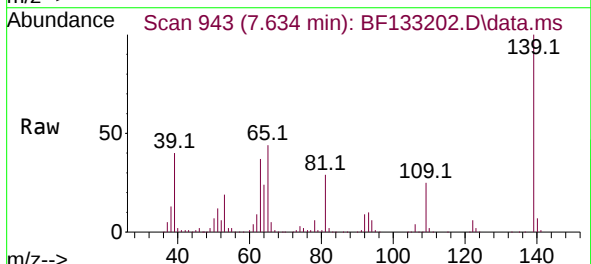
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Upadhyay

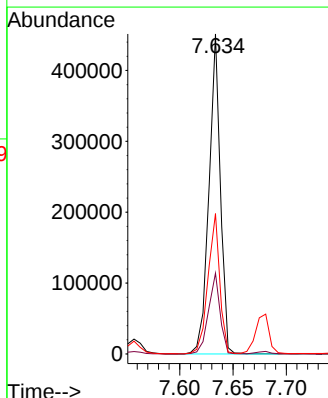
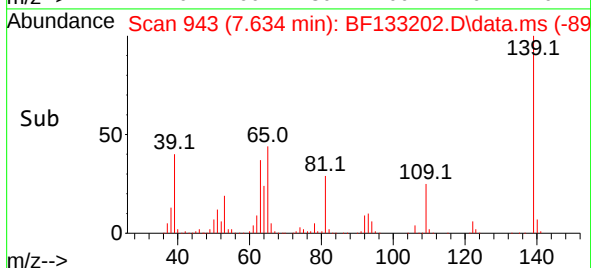
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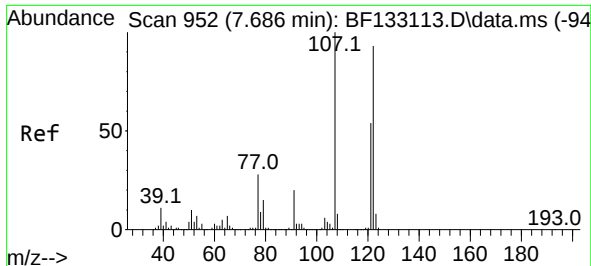


#26
2-Nitrophenol
Concen: 48.009 ng
RT: 7.634 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27



Tgt Ion:139 Resp: 336665
Ion Ratio Lower Upper
139 100
109 25.3 21.6 32.4
65 43.8 39.8 59.6





#27

2,4-Dimethylphenol

Concen: 44.739 ng

RT: 7.681 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF133202.D

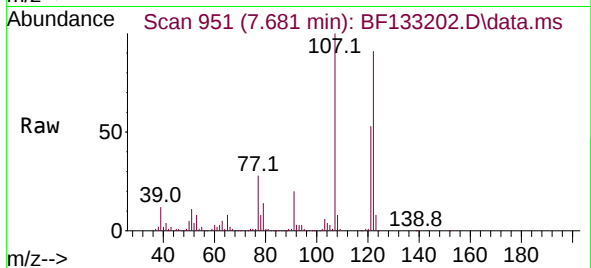
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:	122	Resp:	53795
Ion	Ratio	Lower	Upper
122	100		
107	109.7	89.7	134.5
121	58.1	46.0	69.0

Manual Integrations

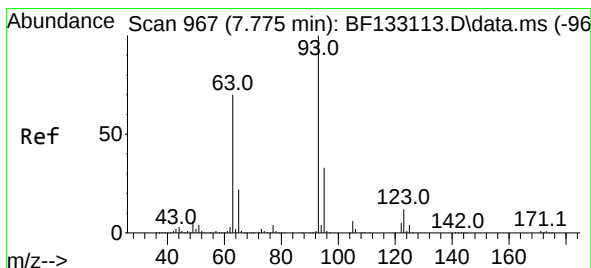
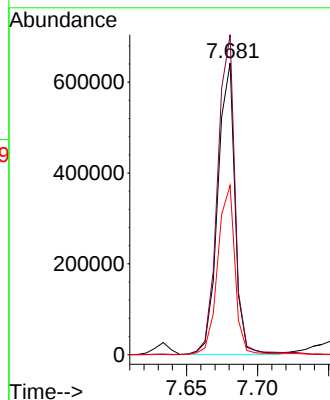
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Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut Upadhyay

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#28

bis(2-Chloroethoxy)methane

Concen: 43.022 ng

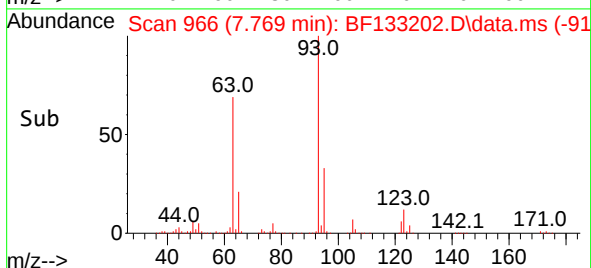
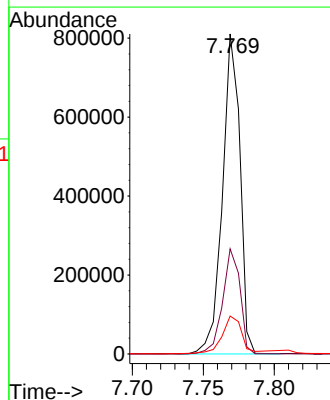
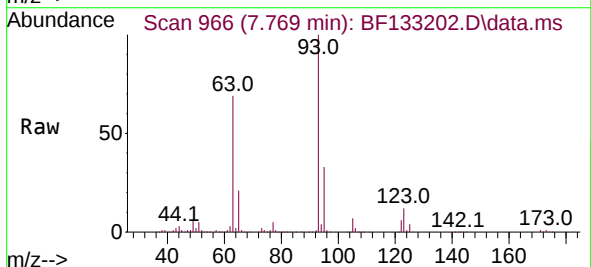
RT: 7.769 min Scan# 966

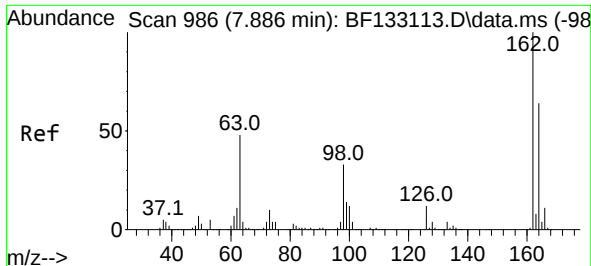
Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

Tgt Ion:	93	Resp:	693321
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.9	10.3	15.5





#29

2,4-Dichlorophenol

Concen: 45.002 ng

RT: 7.881 min Scan# 986

Delta R.T. 0.006 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:162 Resp: 492609
 Ion Ratio Lower Upper
 162 100
 164 65.3 43.9 83.9
 98 34.7 17.0 57.0

Manual Integrations

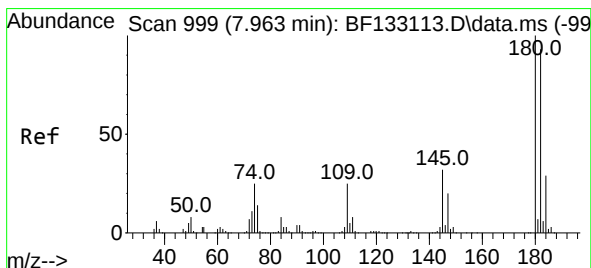
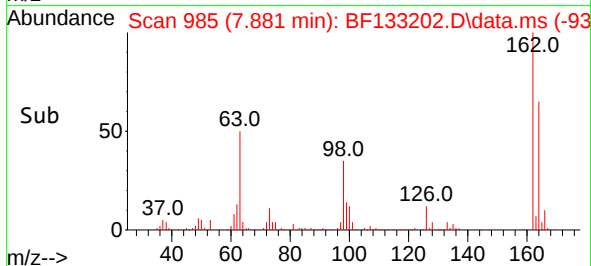
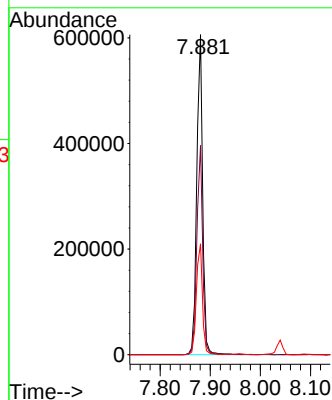
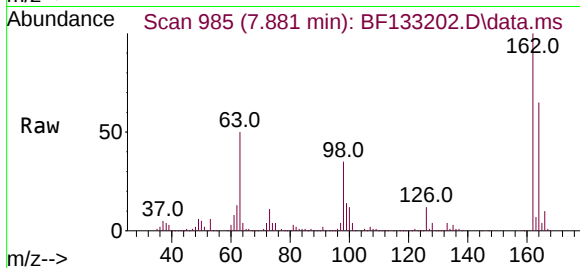
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Reviewed By :Christian Giraldo 05/04/2023
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 Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 45.607 ng

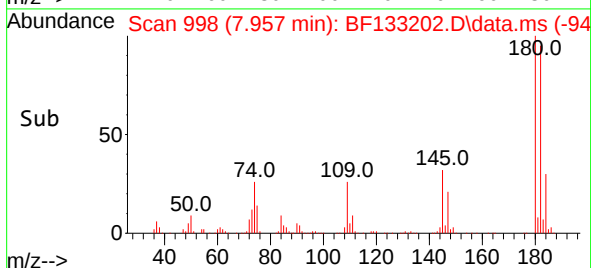
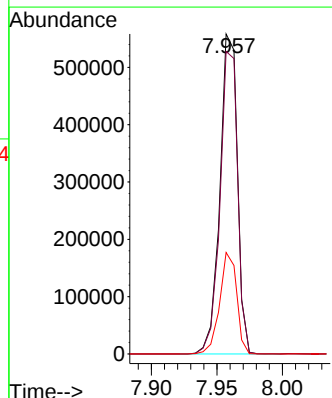
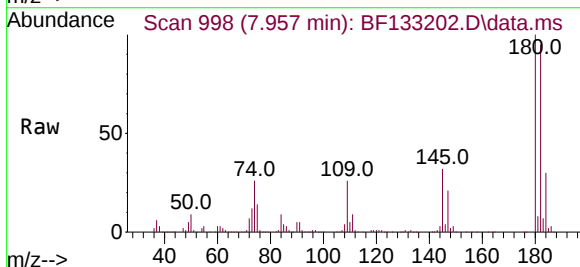
RT: 7.957 min Scan# 998

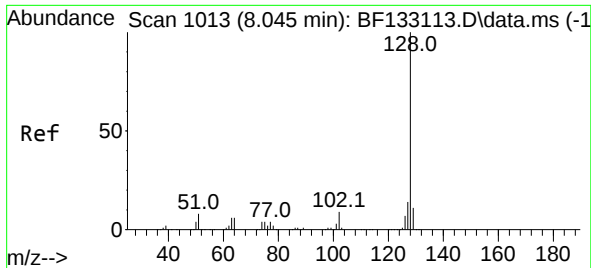
Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

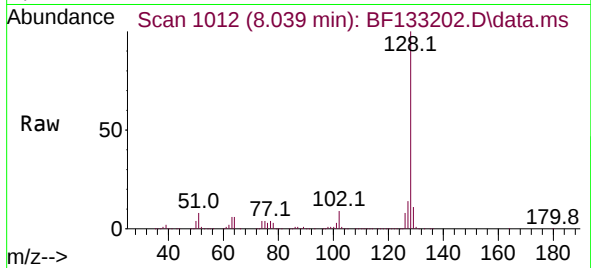
Tgt Ion:180 Resp: 517202
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.9 113.9
 145 31.7 25.3 37.9





#31
Naphthalene
Concen: 43.671 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



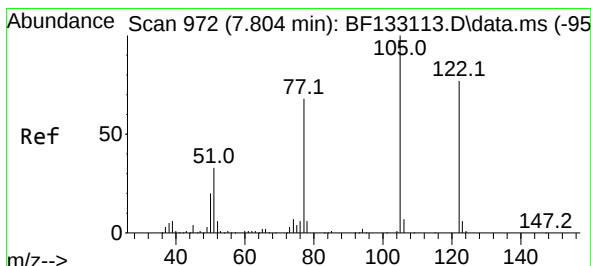
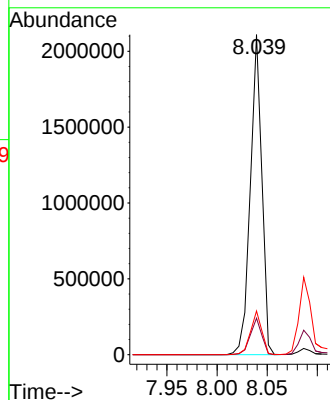
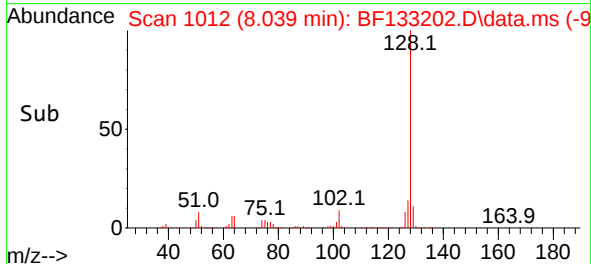
Tgt Ion:128 Resp: 1690924
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.7 10.7 16.1

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Supervised By :Jagrut Upadhyay 05/04/2023

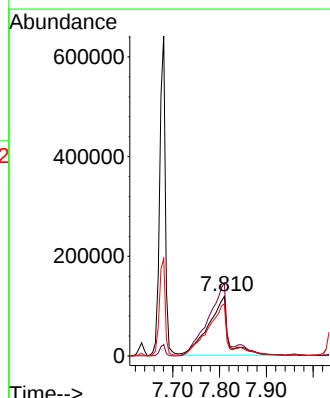
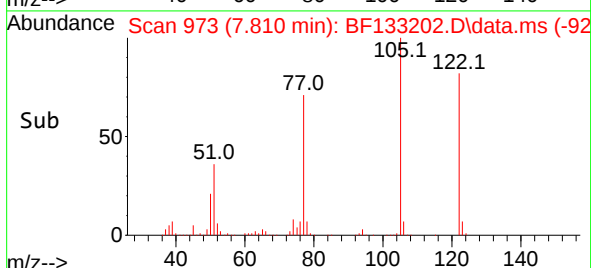
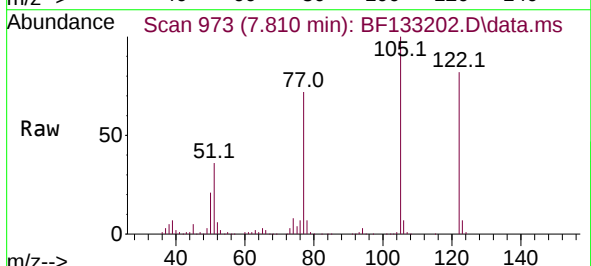
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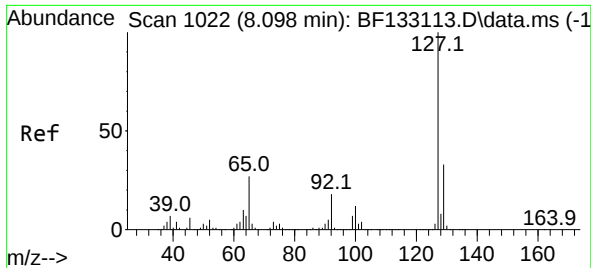
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#32
Benzoic acid
Concen: 47.515 ng m
RT: 7.810 min Scan# 973
Delta R.T. 0.011 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:122 Resp: 352914
Ion Ratio Lower Upper
122 100
105 122.4 104.2 144.2
77 87.6 69.7 109.7





#33
4-Chloroaniline
Concen: 30.172 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:127 Resp: 47201
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 30.3 23.6 35.4
92 18.6 15.3 22.9

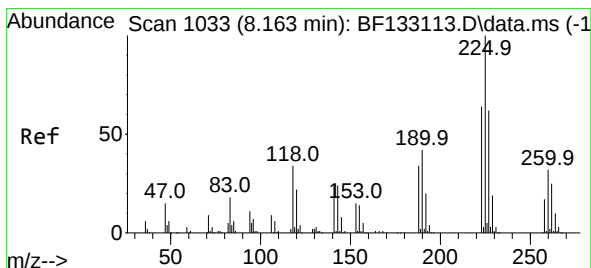
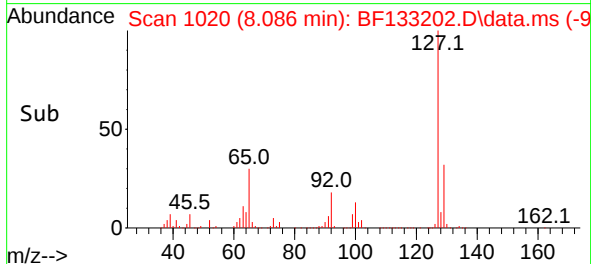
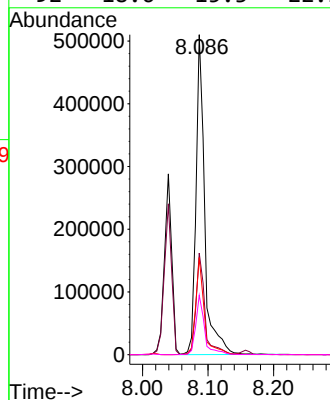
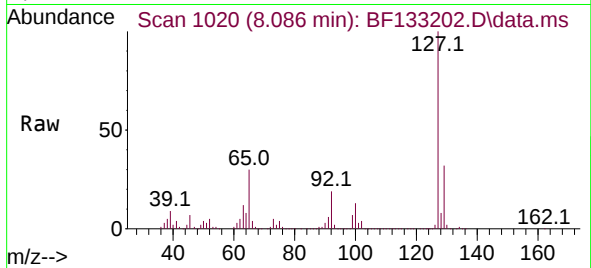
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Supervised By :Jagrut Upadhyay 05/04/2023

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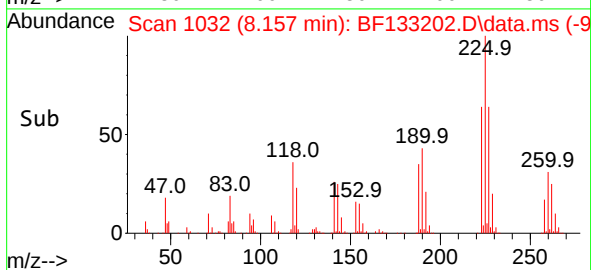
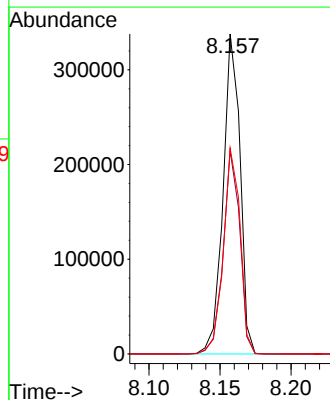
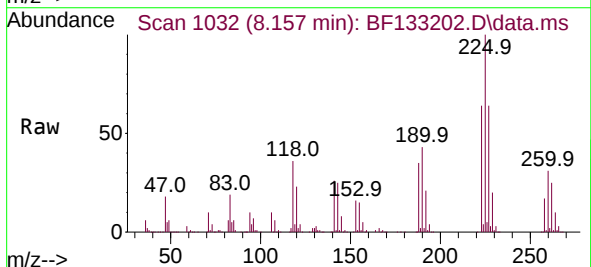
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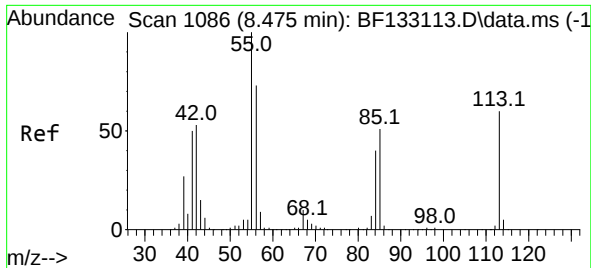
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#34
Hexachlorobutadiene
Concen: 44.508 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

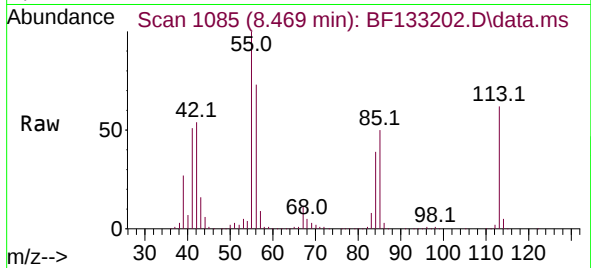
Tgt Ion:225 Resp: 279749
Ion Ratio Lower Upper
225 100
223 63.6 50.9 76.3
227 64.3 50.3 75.5





#35
Caprolactam
Concen: 49.774 ng m
RT: 8.469 min Scan# 1103
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



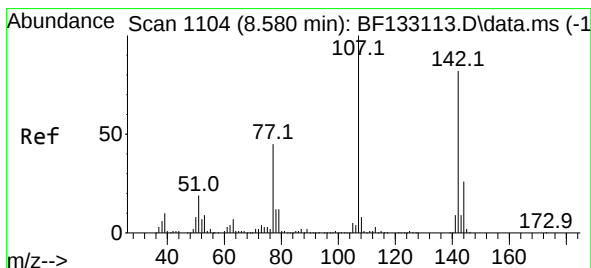
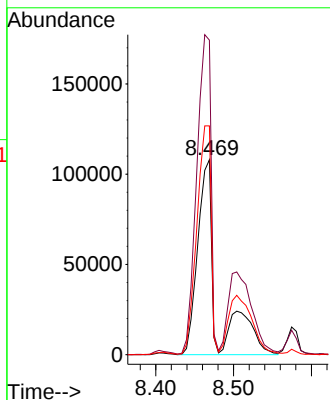
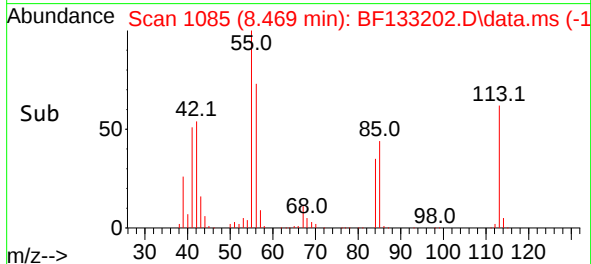
Tgt Ion:113 Resp: 183034
Ion Ratio Lower Upper
113 100
55 161.5 167.1 207.1
56 117.5 114.5 154.5

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Supervised By :Jagrut Upadhyay 05/04/2023

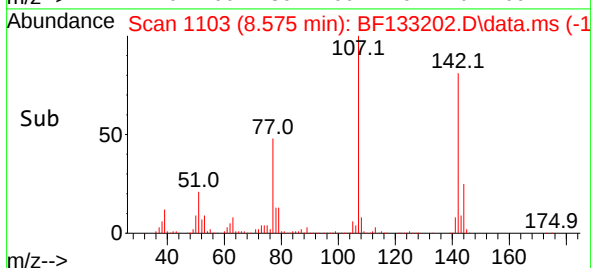
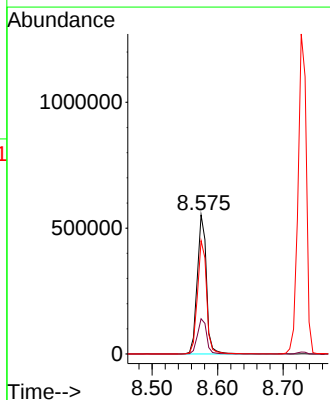
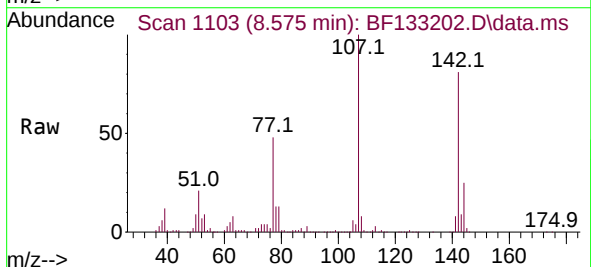
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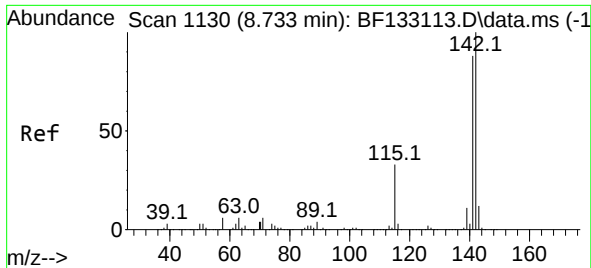
05/04/2023



#36
4-Chloro-3-methylphenol
Concen: 45.577 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:107 Resp: 538011
Ion Ratio Lower Upper
107 100
144 25.4 20.6 30.8
142 81.4 62.8 94.2





#37
2-Methylnaphthalene
Concen: 42.198 ng
RT: 8.728 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

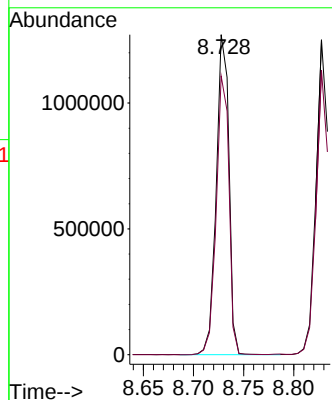
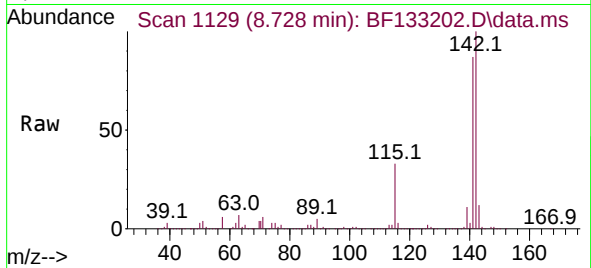
ClientSampleId :

PB152525BS

Tgt Ion:142 Resp: 1117050
Ion Ratio Lower Upper
142 100
141 87.1 69.4 104.0

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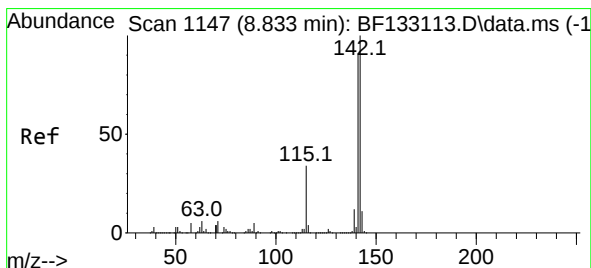
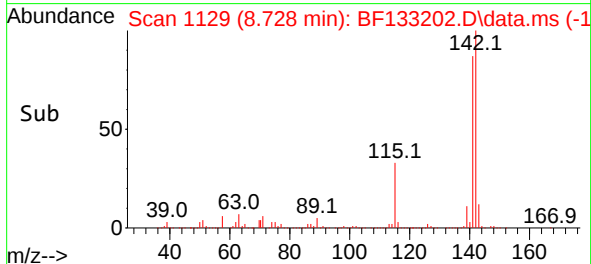
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023



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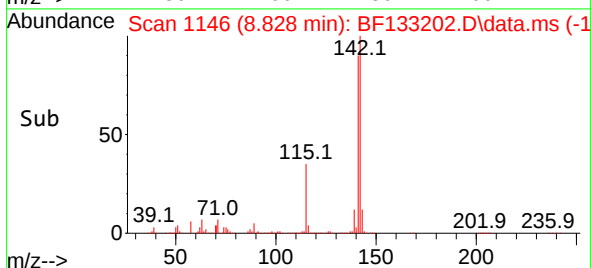
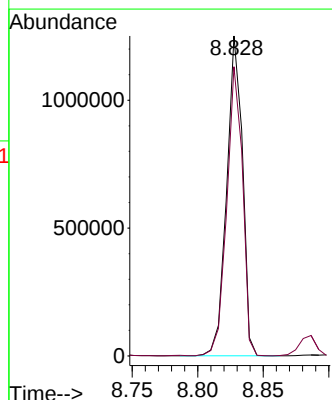
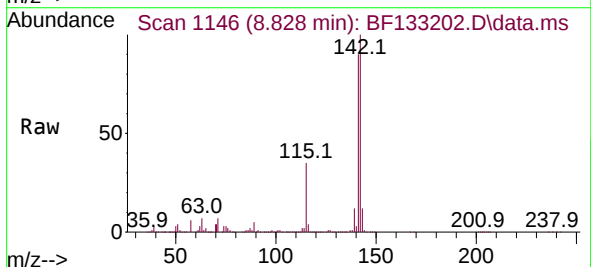
Supervised By :Jagrut Upadhyay

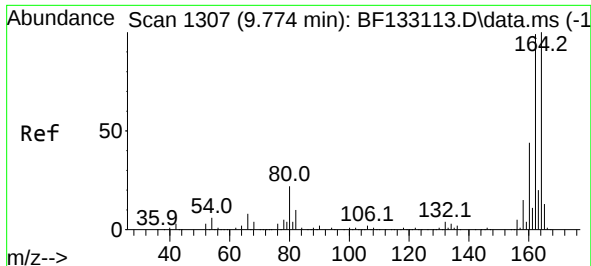
05/04/2023



#38
1-Methylnaphthalene
Concen: 42.218 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:142 Resp: 1045470
Ion Ratio Lower Upper
142 100
141 90.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.769 min Scan# 1106

Delta R.T. -0.000 min

Lab File: BF133202.D

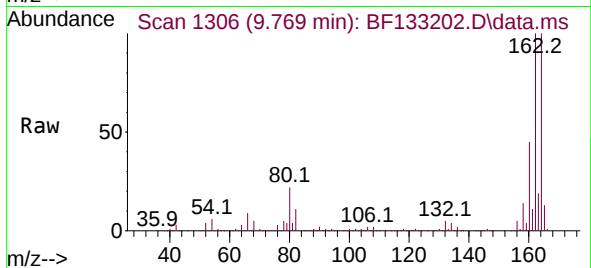
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:	164	Resp:	401698
Ion Ratio	100	Lower	Upper
164	100		
162	100.2	78.7	118.1
160	44.8	35.8	53.6

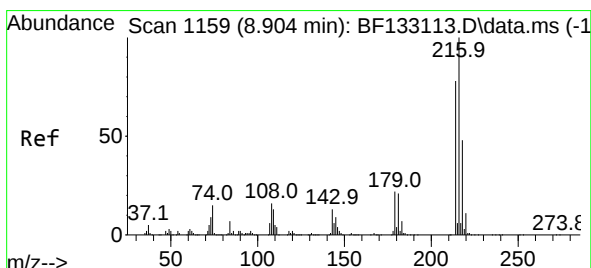
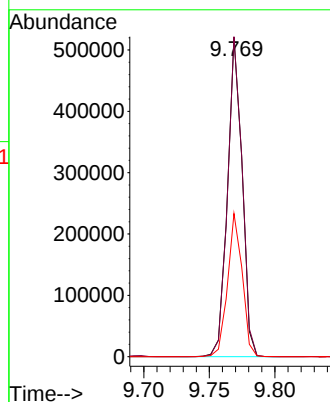
Manual Integrations
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Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut
Upadhyay

05/04/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.055 ng

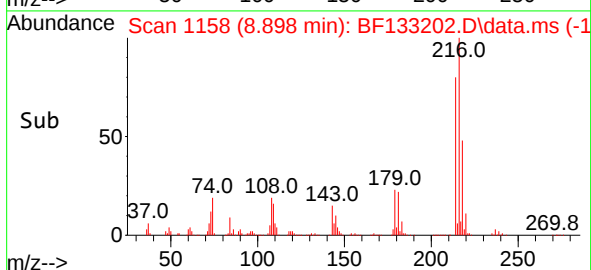
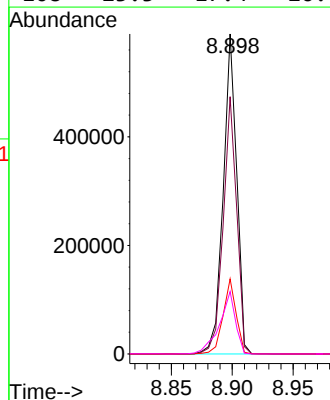
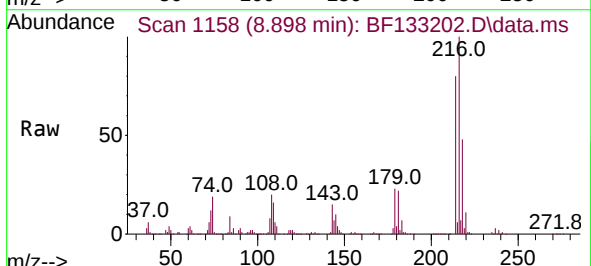
RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

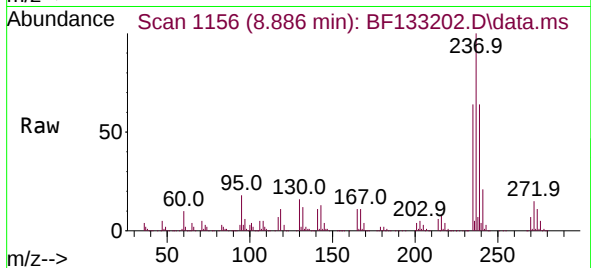
Tgt Ion:	216	Resp:	454217
Ion Ratio	100	Lower	Upper
216	100		
214	80.3	63.5	95.3
179	22.7	17.4	26.2
108	23.3	17.4	26.0





#41
Hexachlorocyclopentadiene
Concen: 92.664 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



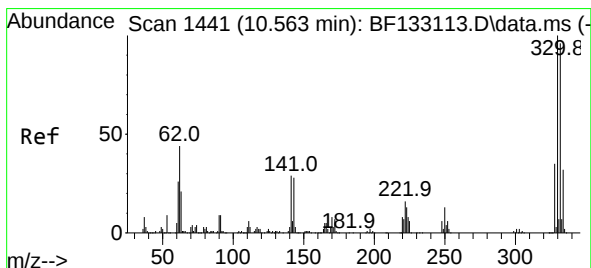
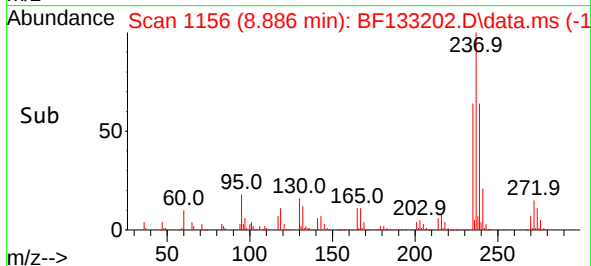
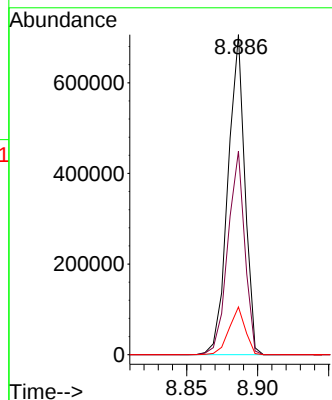
Tgt Ion:237 Resp: 583680
Ion Ratio Lower Upper
237 100
235 63.6 43.5 83.5
272 14.9 0.0 32.7

Manual Integrations
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Supervised By :Jagrut Upadhyay 05/04/2023

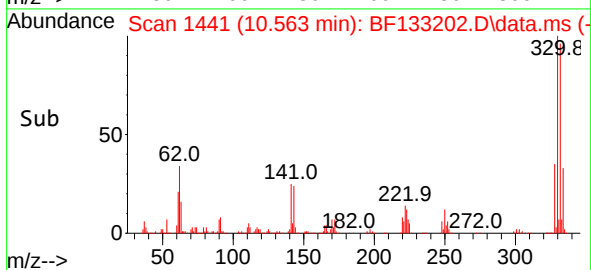
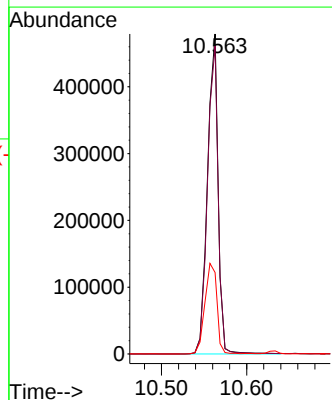
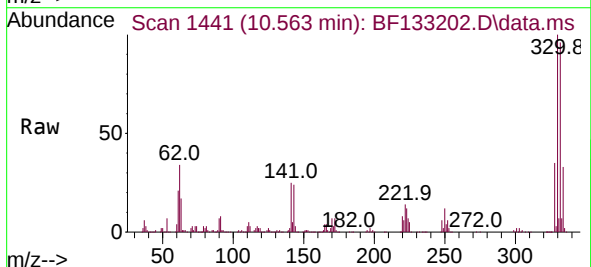
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Upadhyay

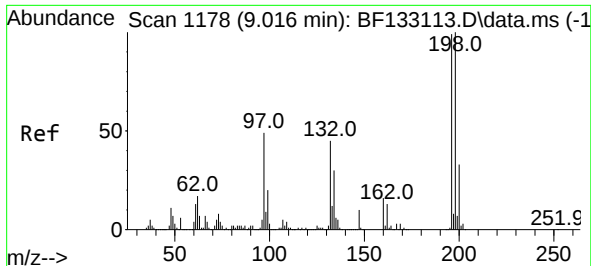
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#42
2,4,6-Tribromophenol
Concen: 102.418 ng
RT: 10.563 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:330 Resp: 413753
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 32.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 43.853 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS

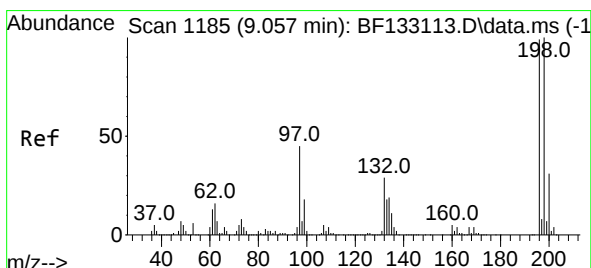
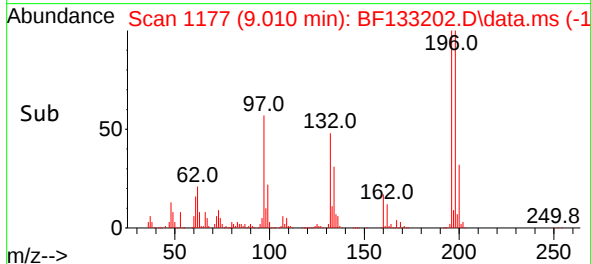
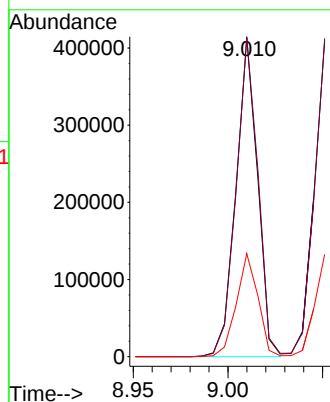
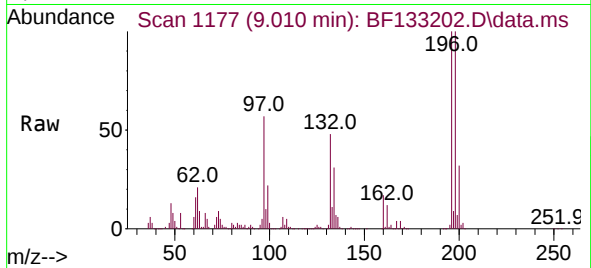
Tgt Ion:196 Resp: 32755
Ion Ratio Lower Upper
196 100
198 100.4 81.0 121.6
200 32.3 26.1 39.1

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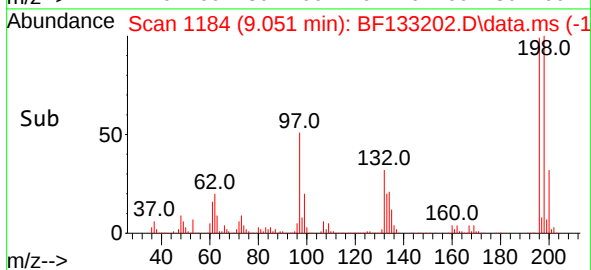
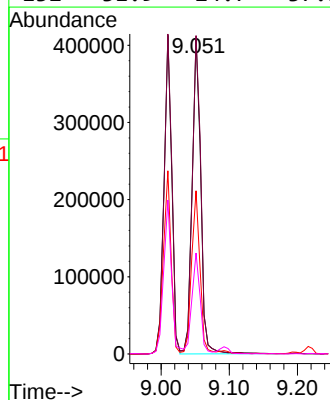
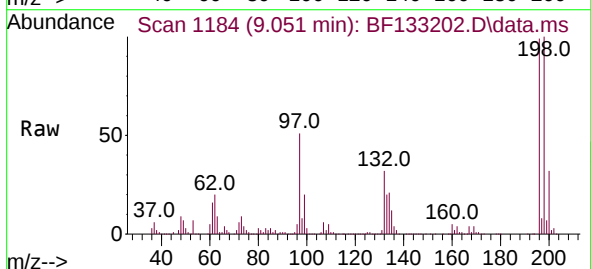
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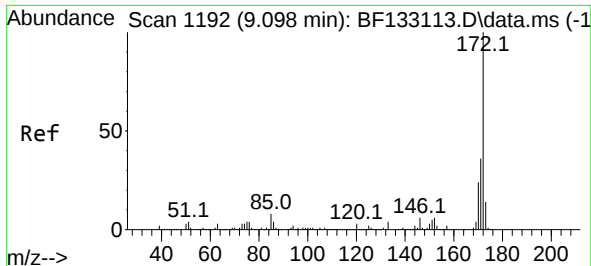
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#44
2,4,5-Trichlorophenol
Concen: 41.322 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:196 Resp: 356962
Ion Ratio Lower Upper
196 100
198 100.7 80.9 121.3
97 51.6 41.3 61.9
132 31.9 24.7 37.1





#45
2-Fluorobiphenyl
Concen: 72.601 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:172 Resp: 174318
Ion Ratio Lower Upper
172 100
171 36.5 28.8 43.2
170 24.2 19.4 29.2

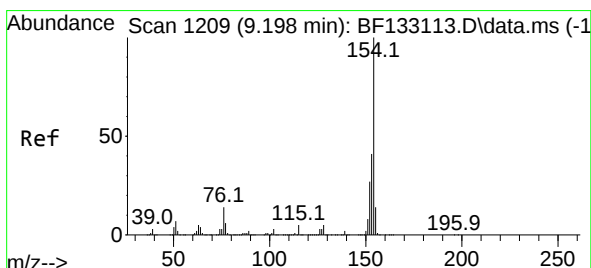
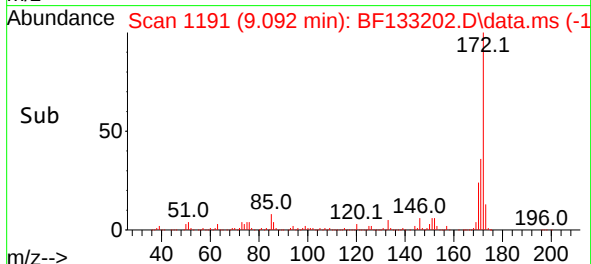
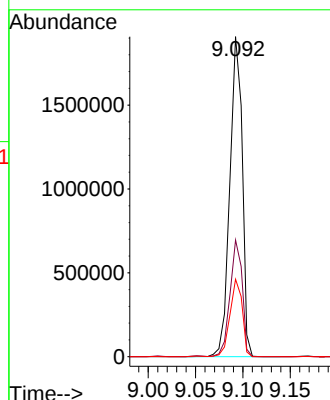
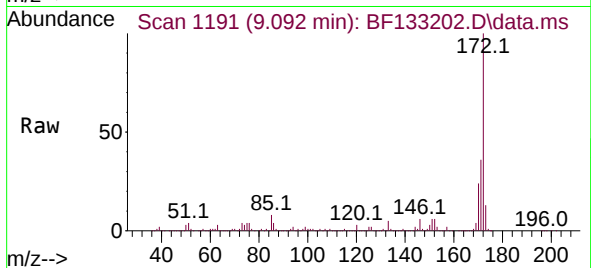
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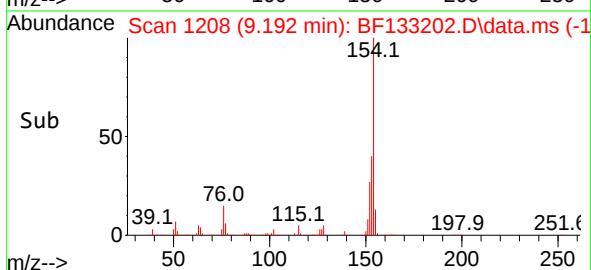
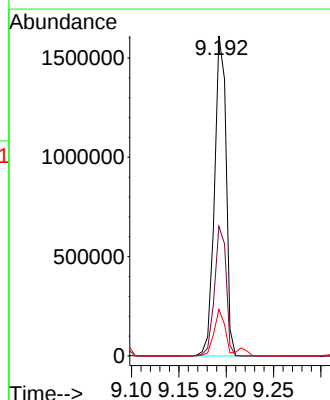
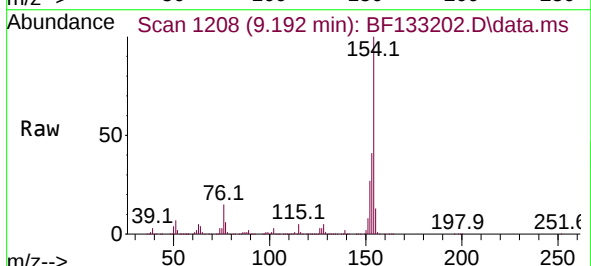
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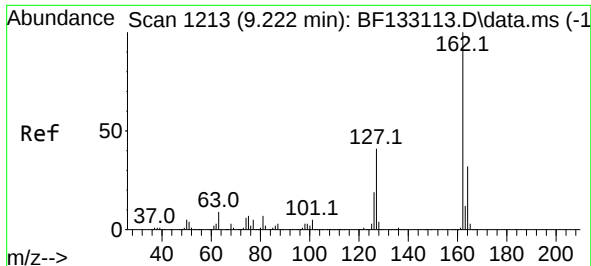
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#46
1,1'-Biphenyl
Concen: 43.183 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:154 Resp: 1375488
Ion Ratio Lower Upper
154 100
153 40.5 21.0 61.0
76 14.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 44.279 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF133202.D

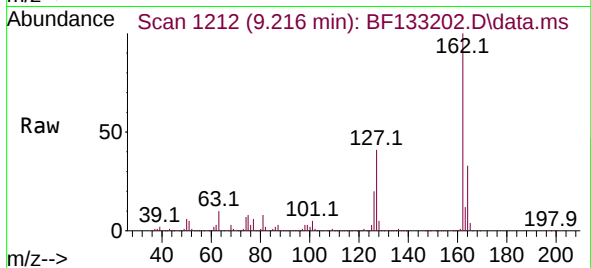
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:162 Resp: 103233

Ion Ratio Lower Upper

162 100

127 41.1 32.3 48.5

164 33.1 26.8 40.2

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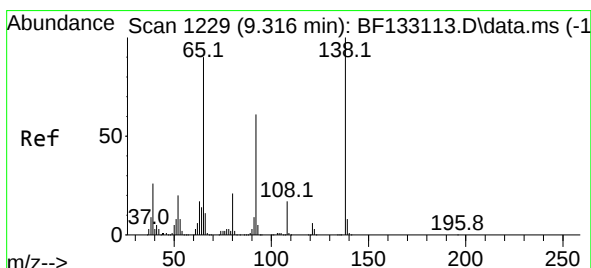
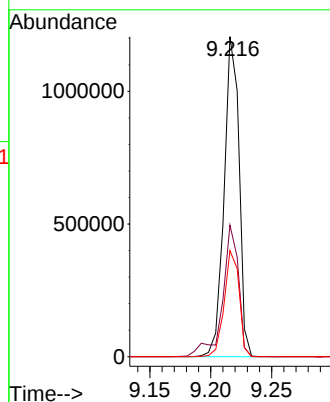
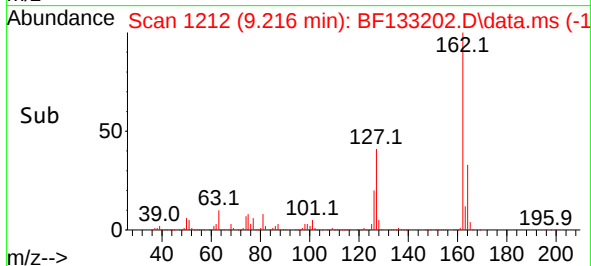
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#48

2-Nitroaniline

Concen: 43.879 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

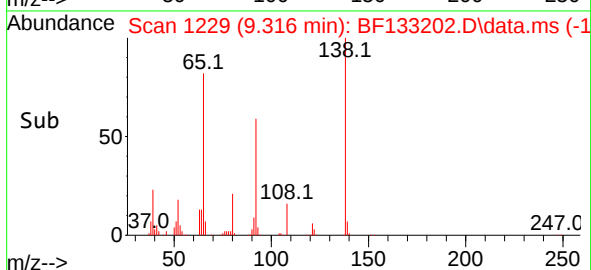
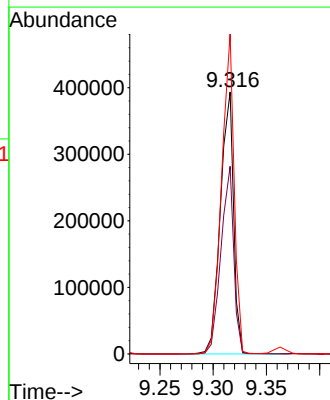
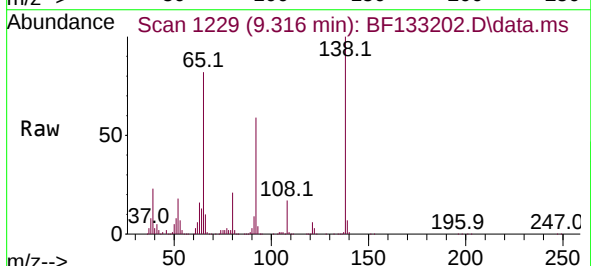
Tgt Ion: 65 Resp: 338095

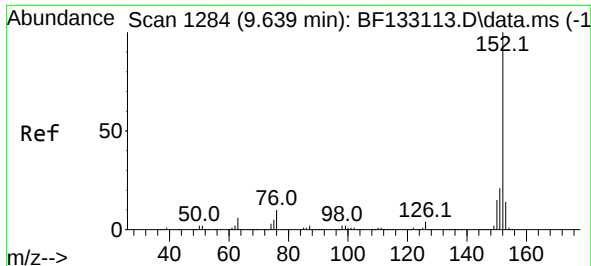
Ion Ratio Lower Upper

65 100

92 71.6 55.4 83.0

138 122.1 98.2 147.2





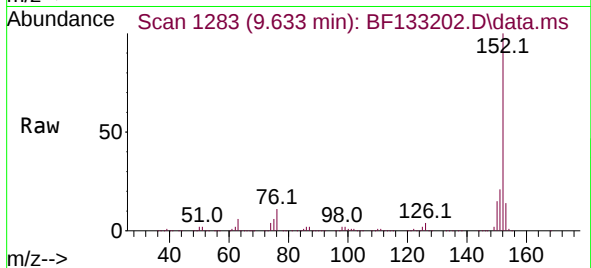
#49
Acenaphthylene
Concen: 43.339 ng
RT: 9.633 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:152 Resp: 1614469
Ion Ratio Lower Upper
152 100
151 20.7 16.6 24.8
153 14.0 11.5 17.3

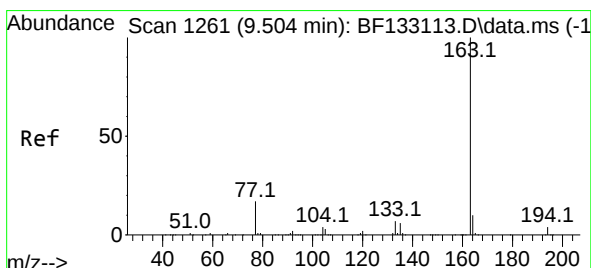
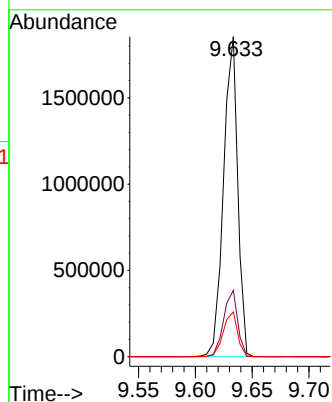
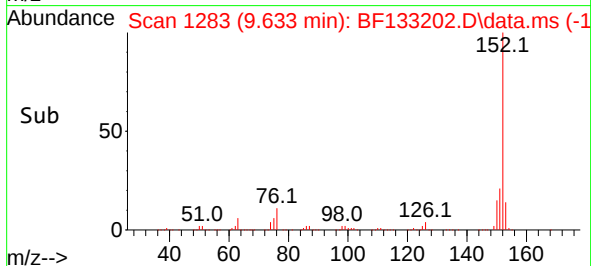
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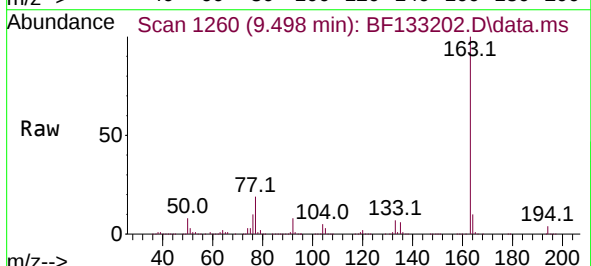
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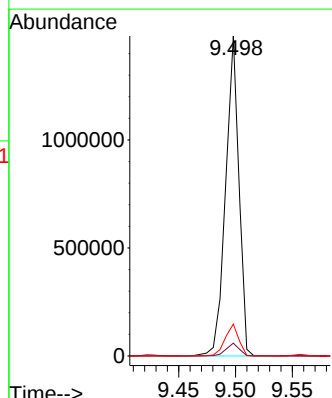
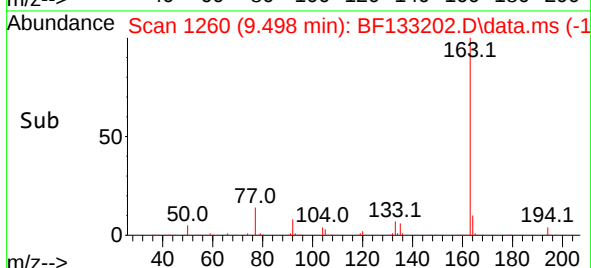
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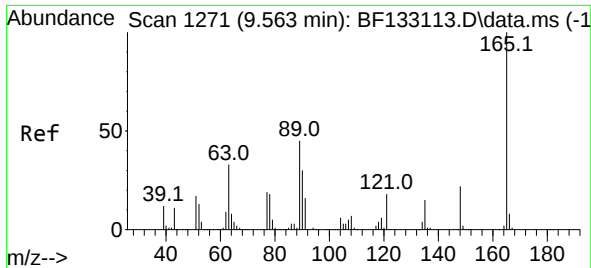


#50
Dimethylphthalate
Concen: 43.197 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27



Tgt Ion:163 Resp: 1209927
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.0 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 44.501 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:165 Resp: 28054
Ion Ratio Lower Upper
165 100
63 50.9 45.9 68.9
89 50.6 44.0 66.0

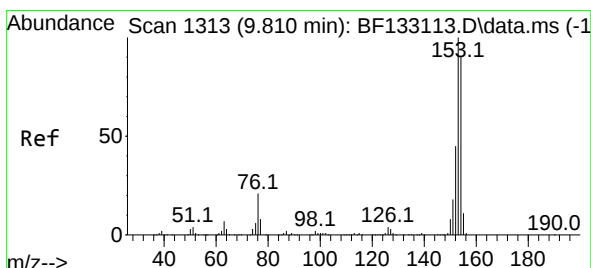
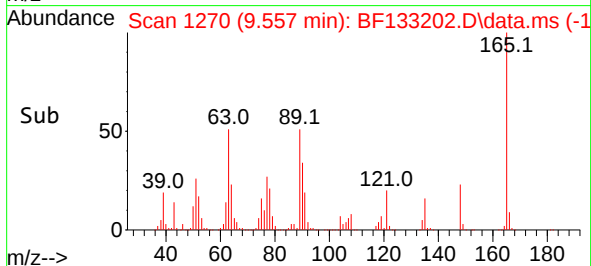
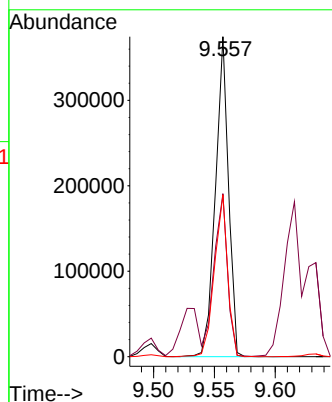
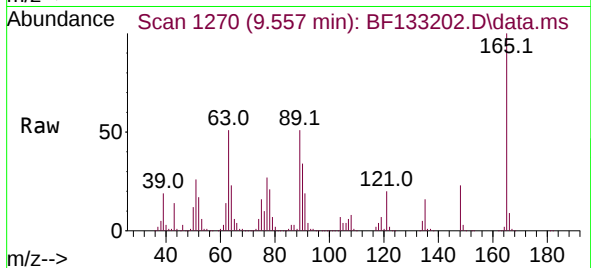
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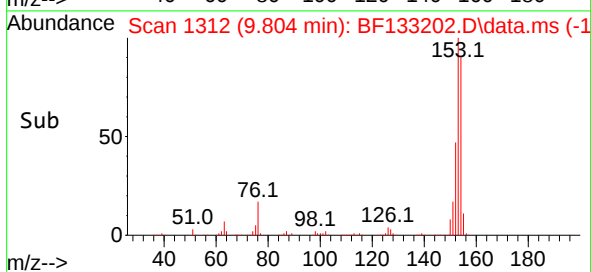
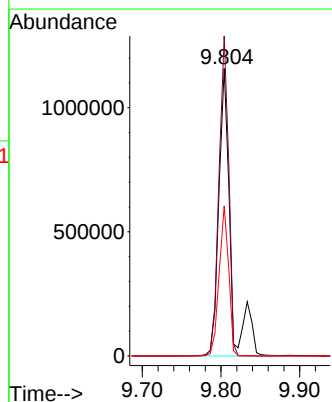
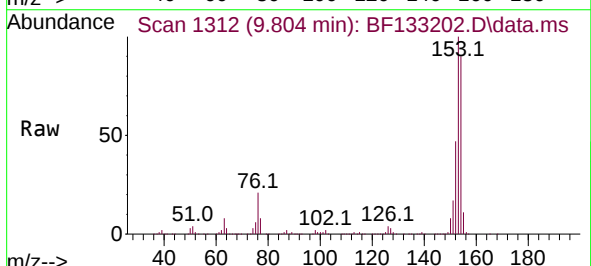
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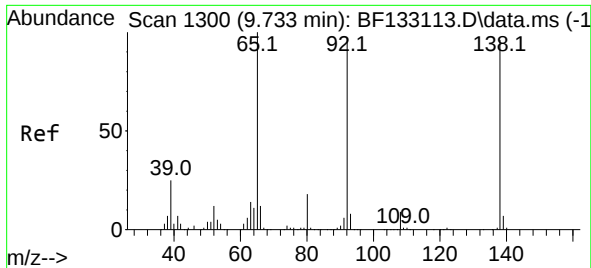
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#52
Acenaphthene
Concen: 47.515 ng m
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:154 Resp: 1185492
Ion Ratio Lower Upper
154 100
153 111.3 89.0 133.6
152 52.2 40.4 60.6





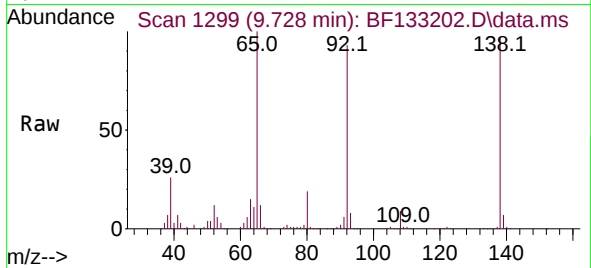
#53
3-Nitroaniline
Concen: 35.415 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:138 Resp: 265470
Ion Ratio Lower Upper
138 100
108 9.0 8.0 12.0
92 95.9 83.6 125.4

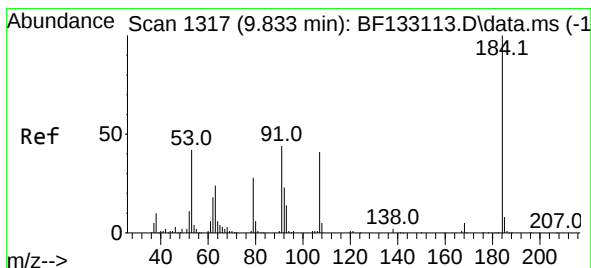
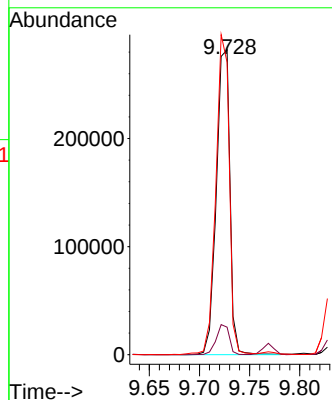
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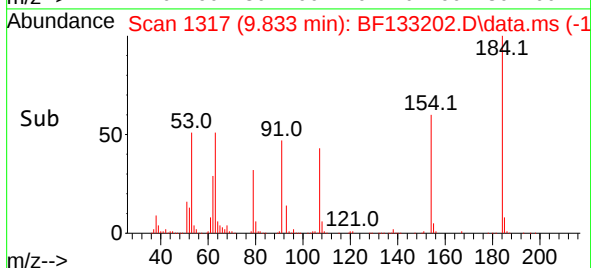
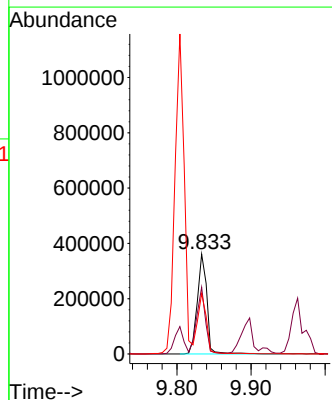
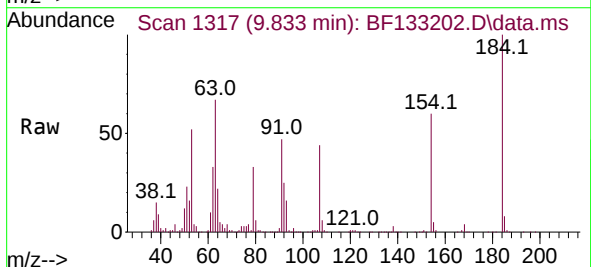
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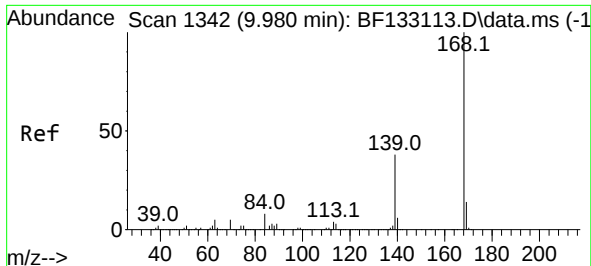
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#54
2,4-Dinitrophenol
Concen: 102.163 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:184 Resp: 323735
Ion Ratio Lower Upper
184 100
63 66.9 49.8 74.8
154 60.4 49.5 74.3





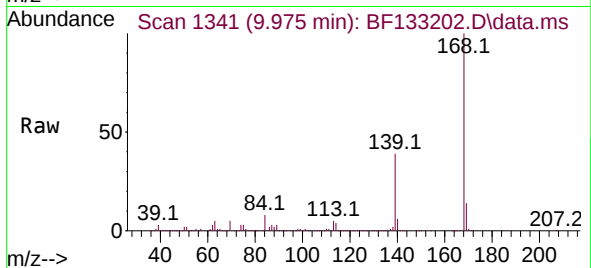
#55
Dibenzenofuran
Concen: 42.415 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:168 Resp: 1443549
Ion Ratio Lower Upper
168 100
139 39.4 29.8 44.8
169 13.8 10.8 16.2

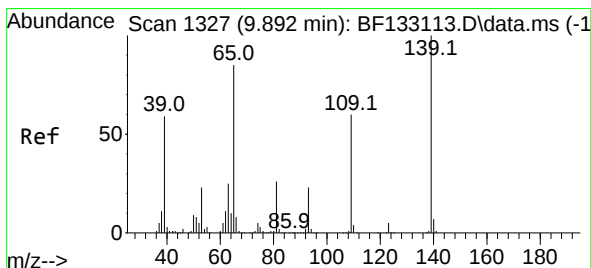
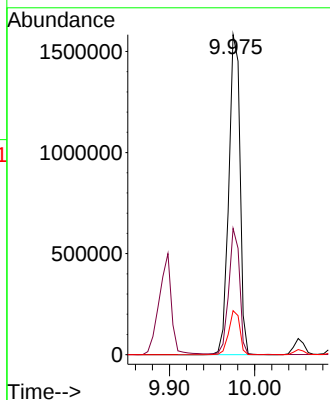
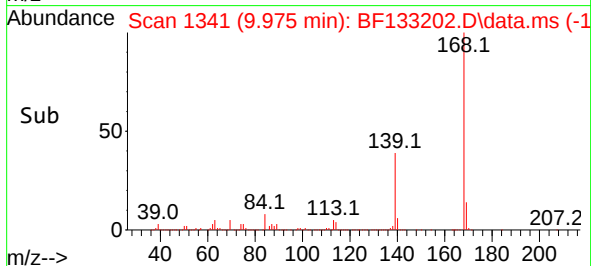
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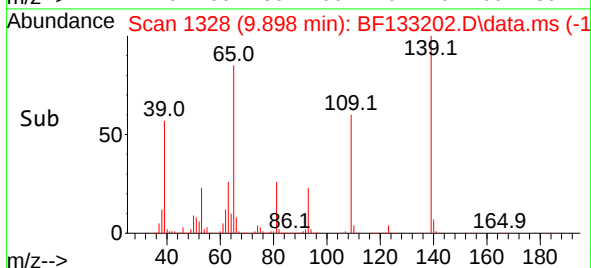
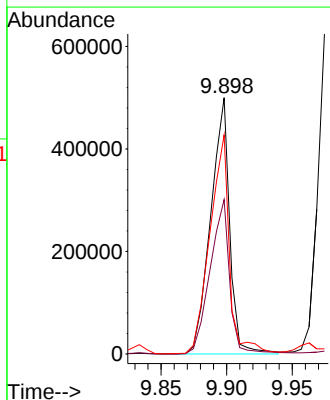
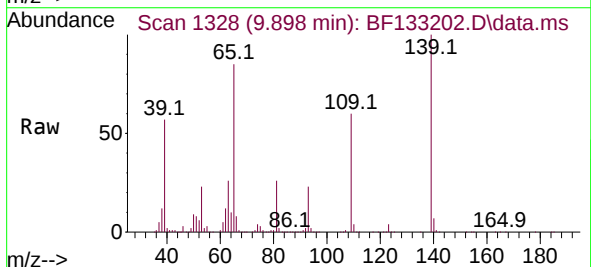
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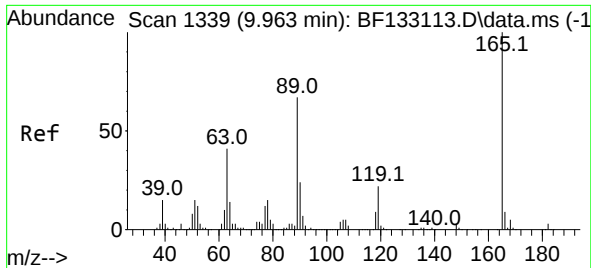
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#56
4-Nitrophenol
Concen: 86.805 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.011 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:139 Resp: 503963
Ion Ratio Lower Upper
139 100
109 60.2 39.4 79.4
65 85.4 57.5 97.5





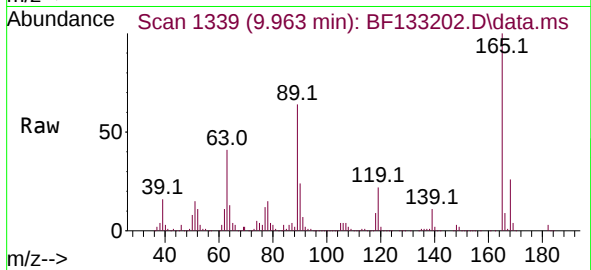
#57
2,4-Dinitrotoluene
Concen: 46.546 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:165 Resp: 374218
Ion Ratio Lower Upper
165 100
63 41.4 37.7 56.5
89 64.1 57.0 85.4
182 2.7 2.1 3.1

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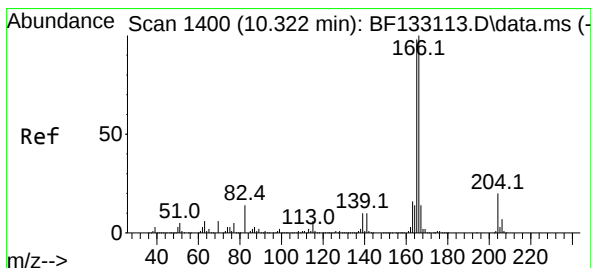
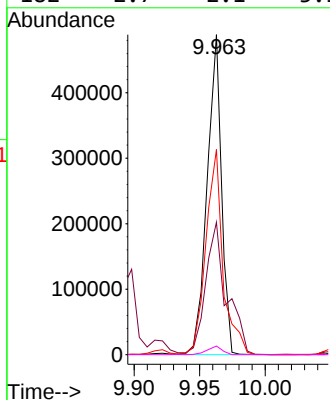
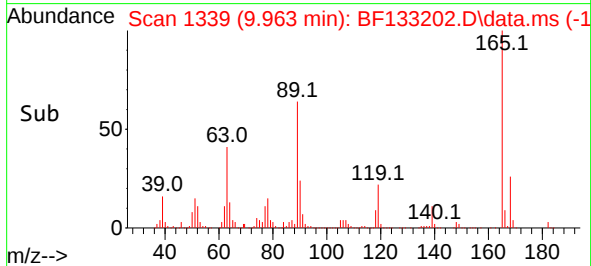
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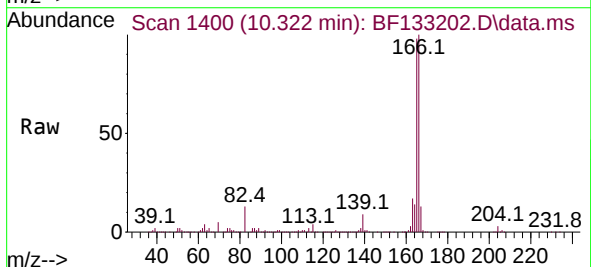
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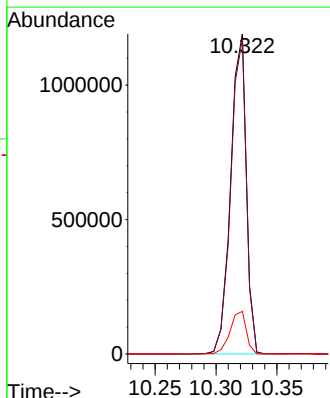
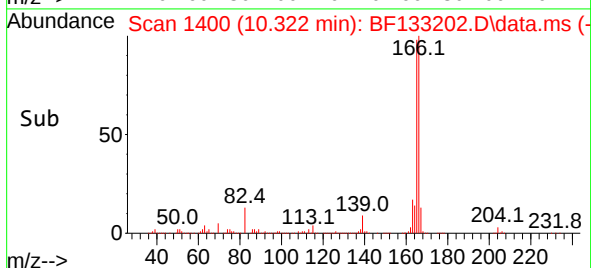
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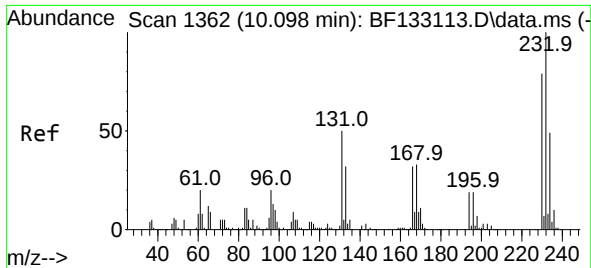


#58
Fluorene
Concen: 42.605 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27



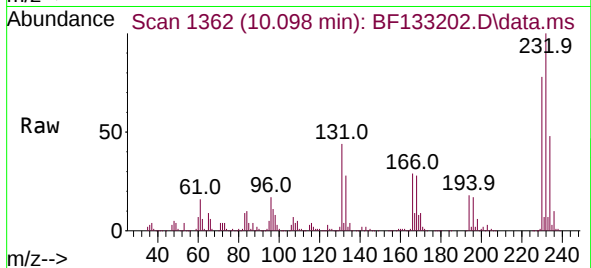
Tgt Ion:166 Resp: 1062333
Ion Ratio Lower Upper
166 100
165 98.5 78.6 117.8
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.392 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



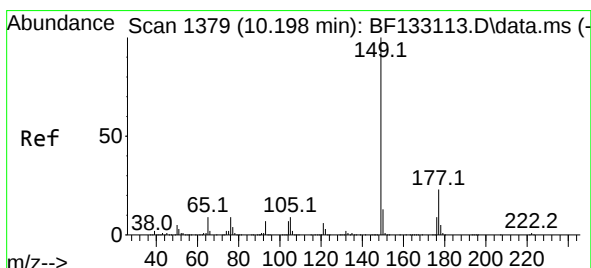
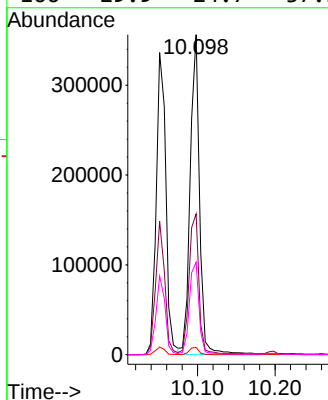
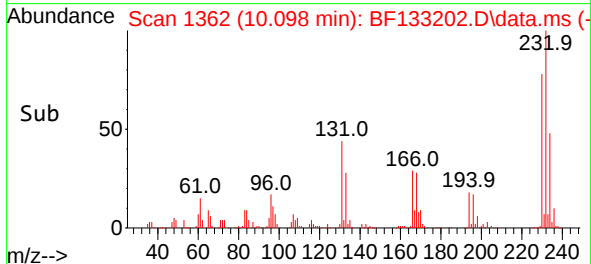
Tgt Ion:232 Resp: 297299
Ion Ratio Lower Upper
232 100
131 46.5 38.0 57.0
130 2.4 1.8 2.8
166 29.9 24.7 37.1

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Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

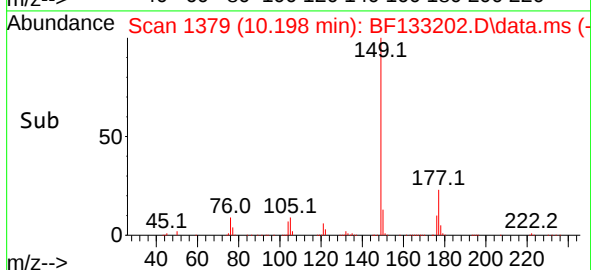
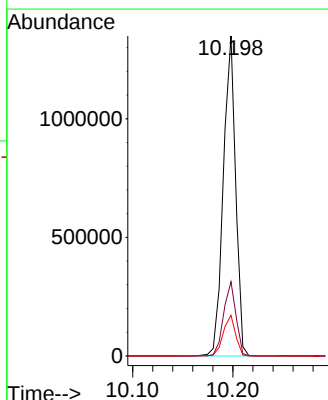
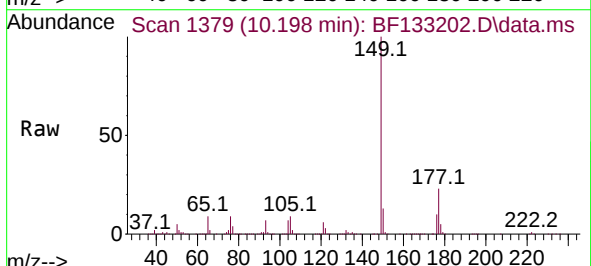
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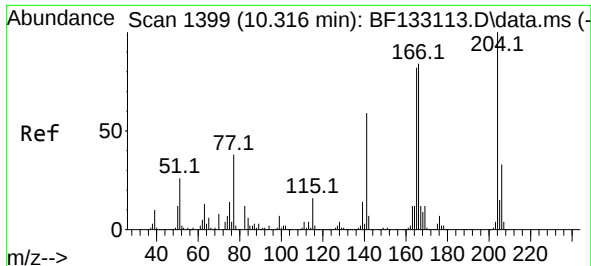
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#60
Diethylphthalate
Concen: 43.423 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:149 Resp: 1148826
Ion Ratio Lower Upper
149 100
177 23.2 18.2 27.4
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 42.223 ng
RT: 10.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS

Tgt Ion:204 Resp: 513064
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 62.8 46.1 69.1

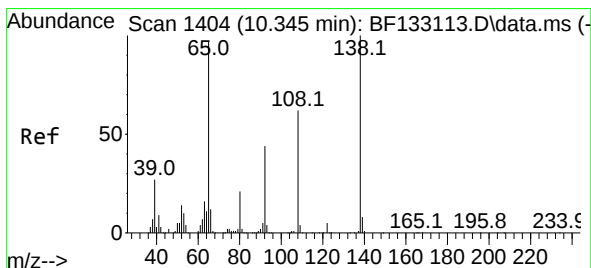
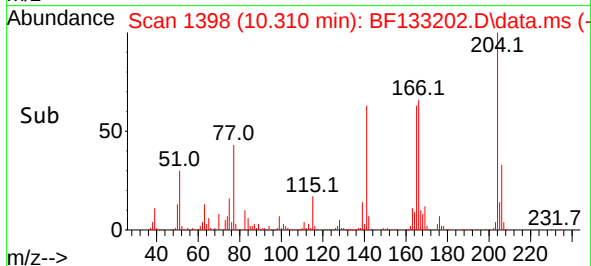
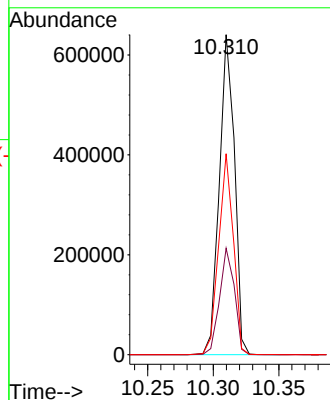
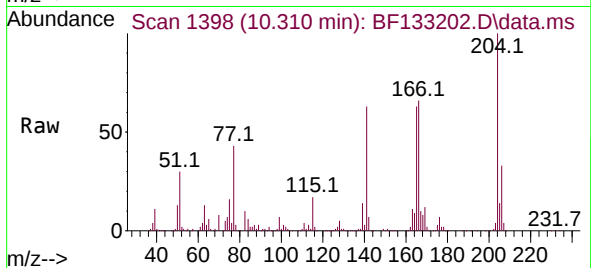
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Reviewed By :Christian Giraldo 05/04/2023
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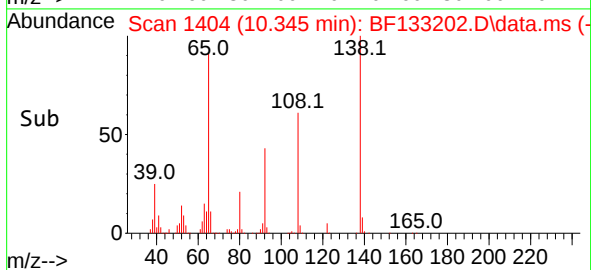
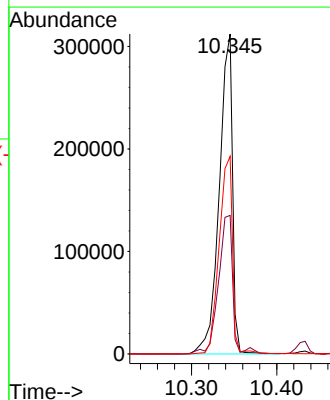
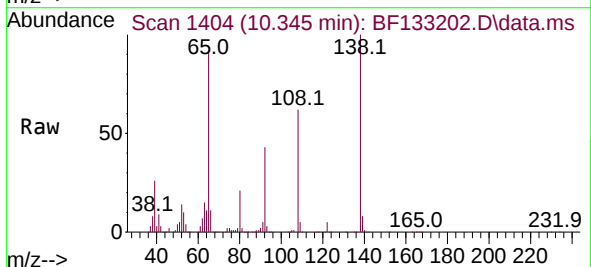
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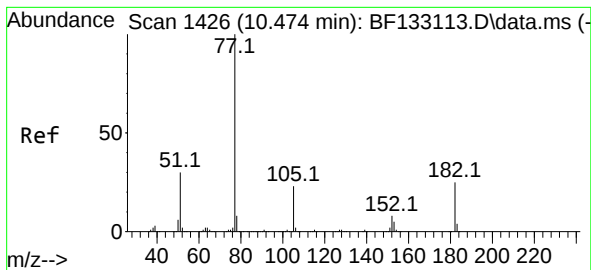
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#62
4-Nitroaniline
Concen: 48.793 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

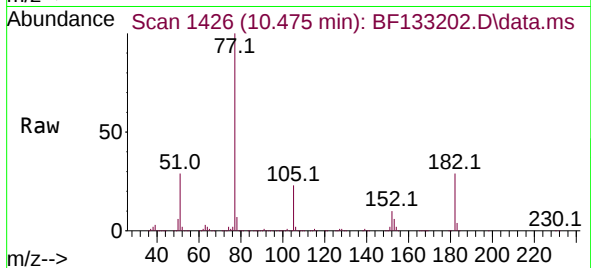
Tgt Ion:138 Resp: 336156
Ion Ratio Lower Upper
138 100
92 43.3 27.7 67.7
108 61.7 45.2 85.2





#63
Azobenzene
Concen: 41.520 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



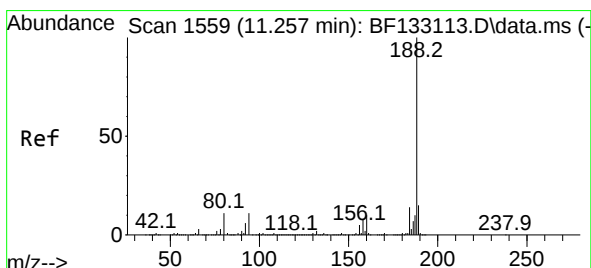
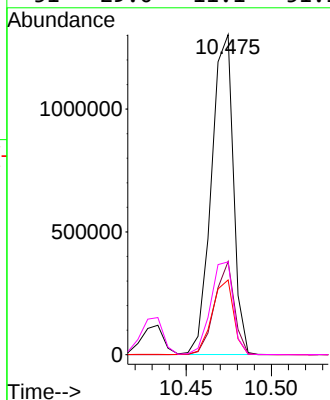
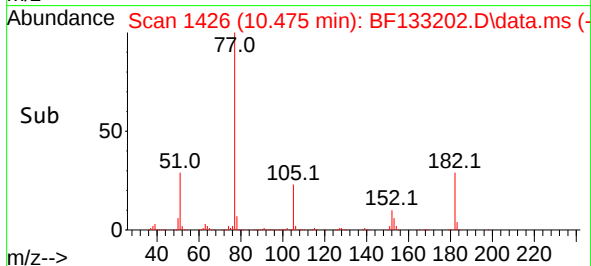
Tgt Ion: 77 Resp: 1163672
Ion Ratio Lower Upper
77 100
182 29.1 5.9 45.9
105 23.3 2.3 42.3
51 29.0 11.1 51.1

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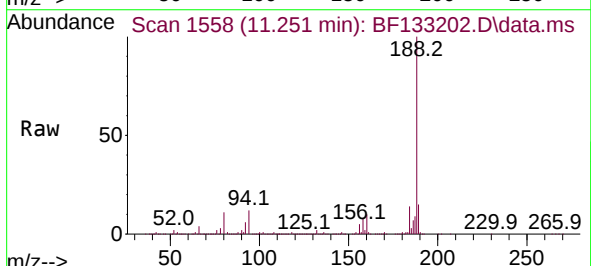
Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

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Upadhyay

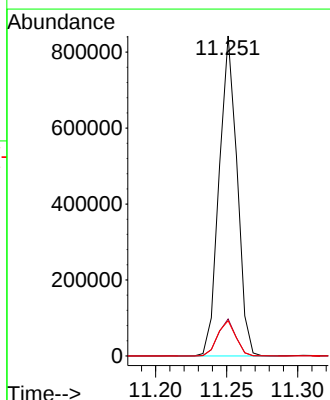
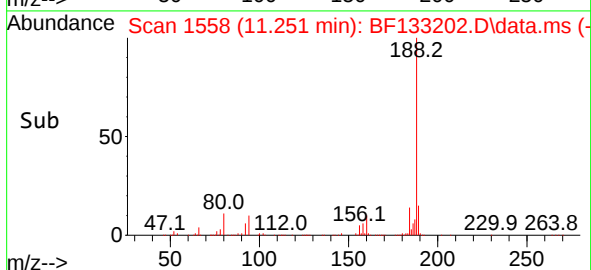
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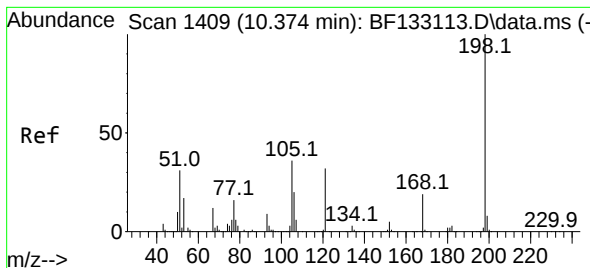


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27



Tgt Ion:188 Resp: 739678
Ion Ratio Lower Upper
188 100
94 11.6 9.7 14.5
80 11.0 10.4 15.6





#65
4,6-Dinitro-2-methylphenol
Concen: 50.059 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS

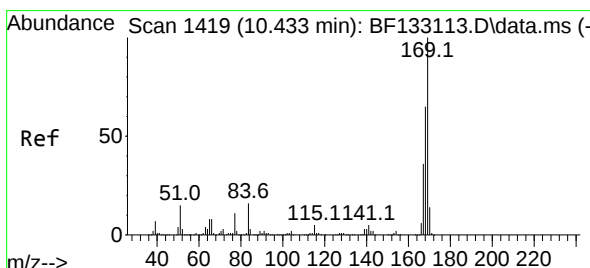
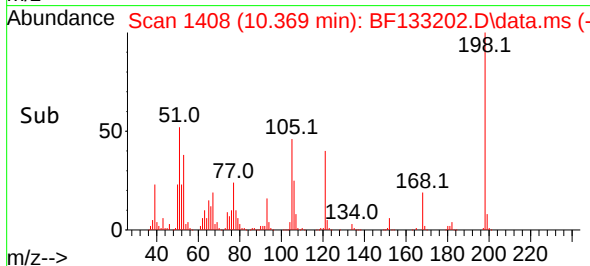
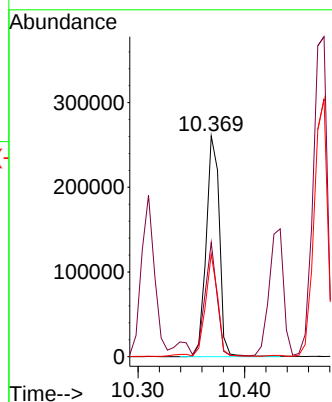
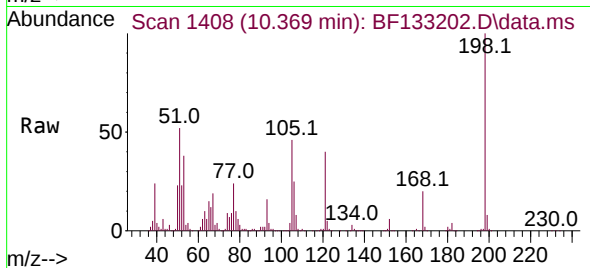
Tgt Ion:198 Resp: 224430
Ion Ratio Lower Upper
198 100
51 51.7 15.5 55.5
105 46.4 16.7 56.7

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Supervised By :Jagrut Upadhyay 05/04/2023

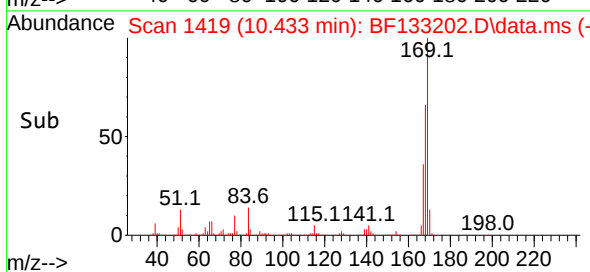
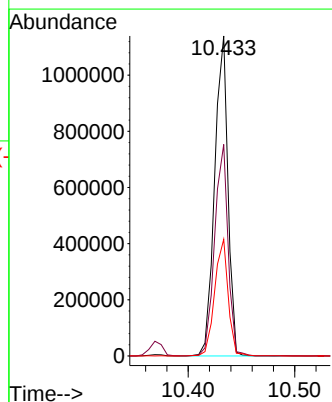
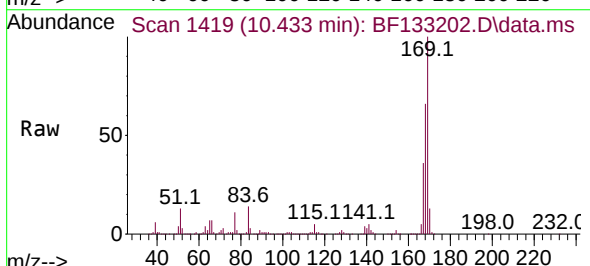
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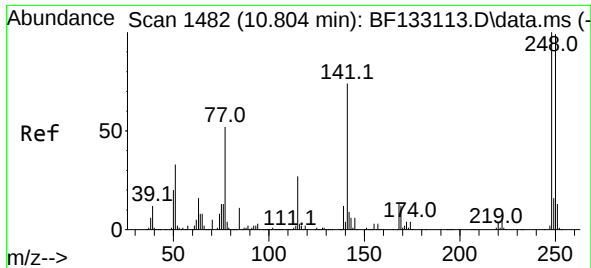
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#66
n-Nitrosodiphenylamine
Concen: 41.284 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

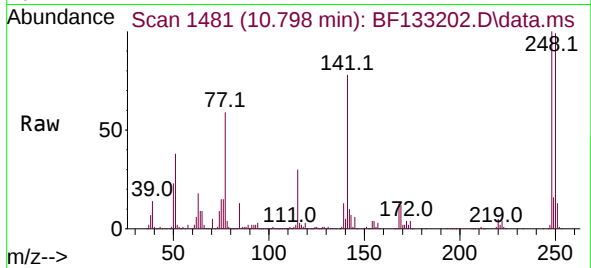
Tgt Ion:169 Resp: 990542
Ion Ratio Lower Upper
169 100
168 66.1 53.8 80.8
167 36.5 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 40.494 ng
RT: 10.798 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :
BNA_F
ClientSampleId :
PB152525BS



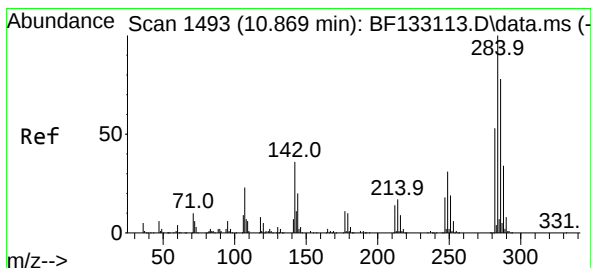
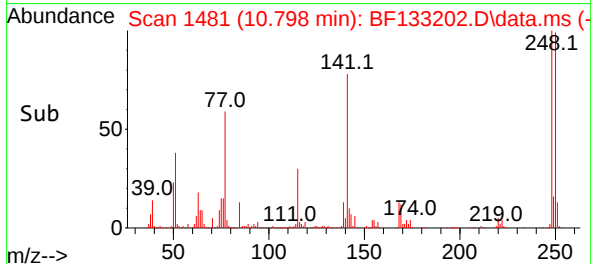
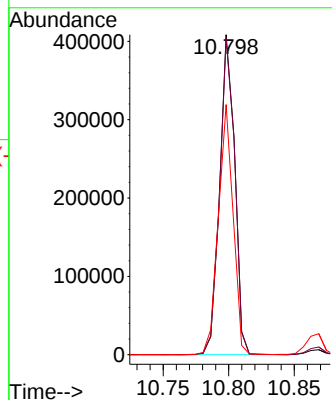
Tgt Ion:248 Resp: 324849
Ion Ratio Lower Upper
248 100
250 98.8 78.7 118.1
141 78.1 56.3 84.5

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Supervised By :Jagrut Upadhyay 05/04/2023

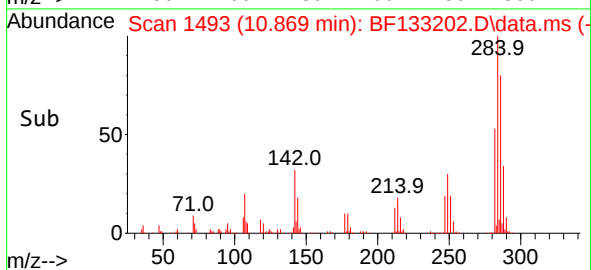
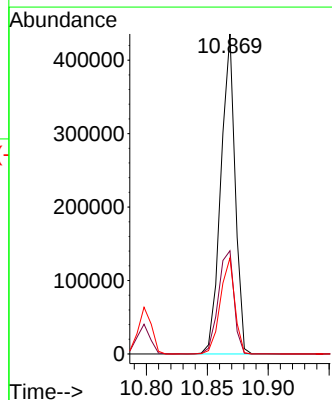
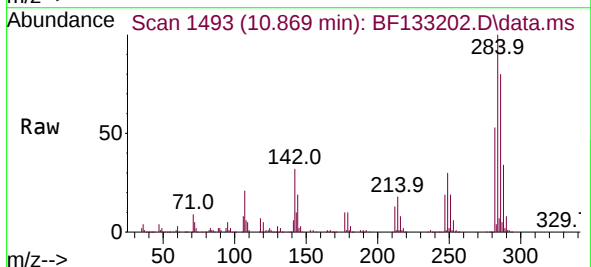
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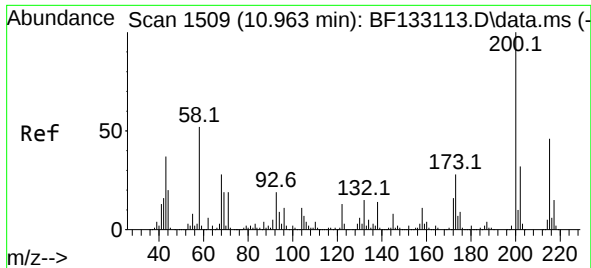
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#68
Hexachlorobenzene
Concen: 43.431 ng
RT: 10.869 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

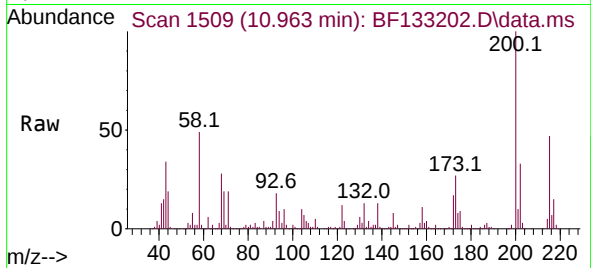
Tgt Ion:284 Resp: 357013
Ion Ratio Lower Upper
284 100
142 32.3 26.0 39.0
249 30.0 23.7 35.5





#69
 Atrazine
 Concen: 49.549 ng
 RT: 10.963 min Scan# 1509
 Delta R.T. 0.006 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BS



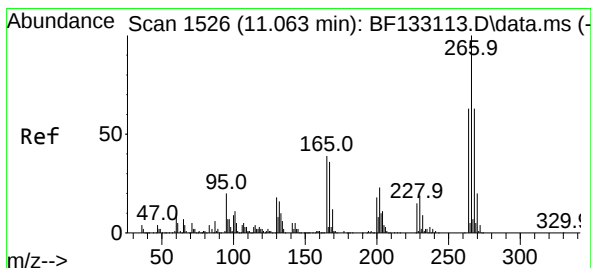
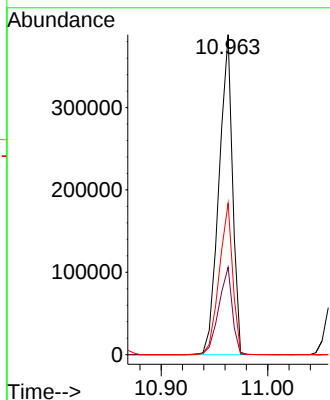
Tgt Ion:200 Resp: 342558
 Ion Ratio Lower Upper
 200 100
 173 27.4 6.2 46.2
 215 47.3 26.3 66.3

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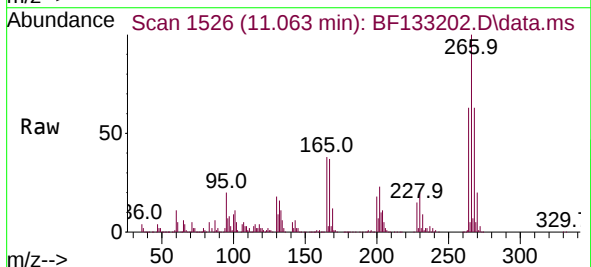
Reviewed By :Christian Giraldo 05/04/2023
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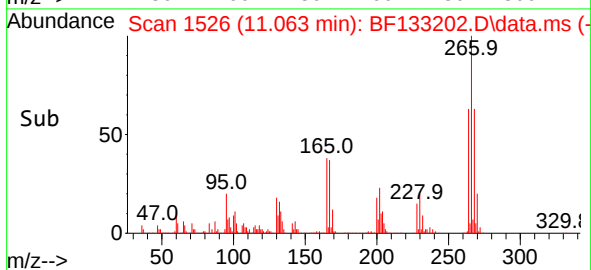
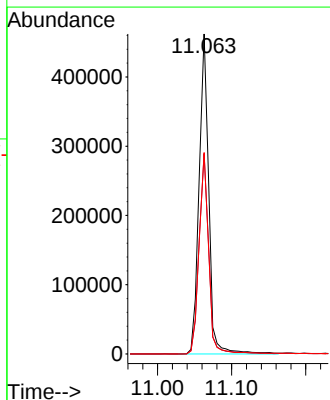
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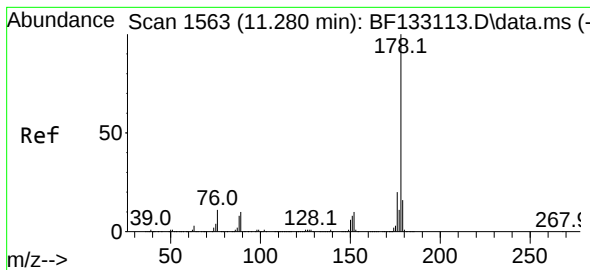


#70
 Pentachlorophenol
 Concen: 71.708 ng
 RT: 11.063 min Scan# 1526
 Delta R.T. 0.006 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27



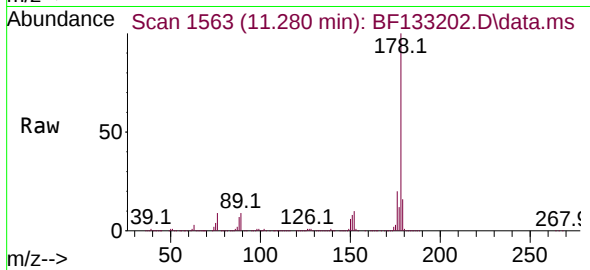
Tgt Ion:266 Resp: 419808
 Ion Ratio Lower Upper
 266 100
 268 62.5 48.8 73.2
 264 62.9 50.6 76.0





#71
Phenanthrene
Concen: 41.626 ng
RT: 11.280 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

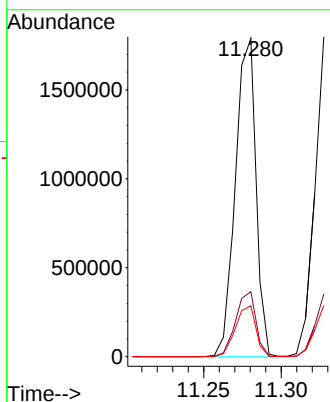
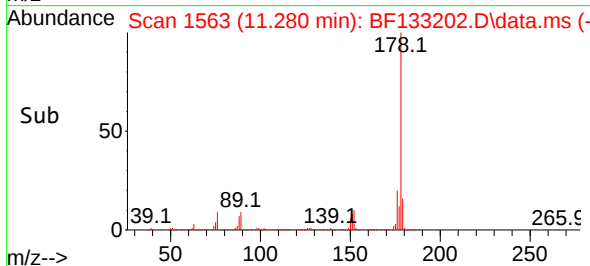
Instrument :
BNA_F
ClientSampleId :
PB152525BS



Tgt Ion:178 Resp: 1654880
Ion Ratio Lower Upper
178 100
176 20.4 15.9 23.9
179 16.0 12.5 18.7

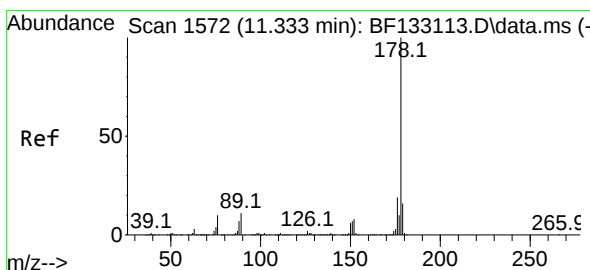
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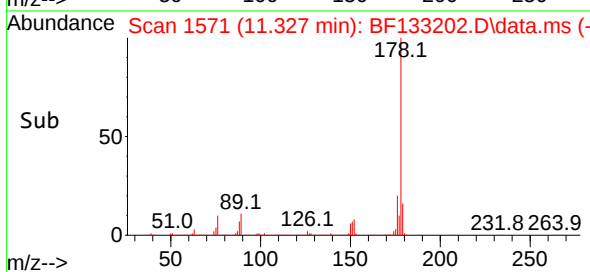
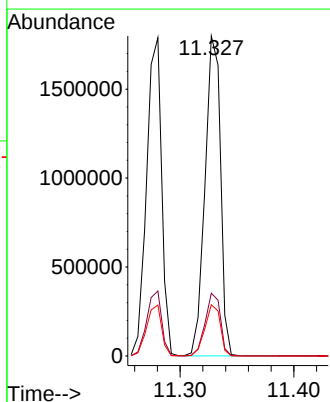
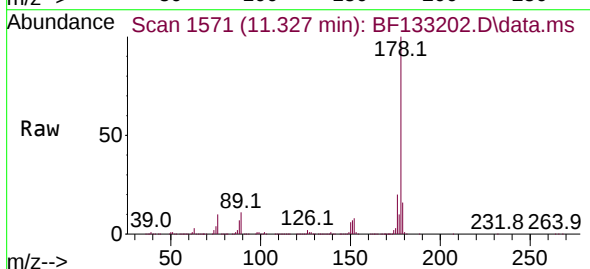
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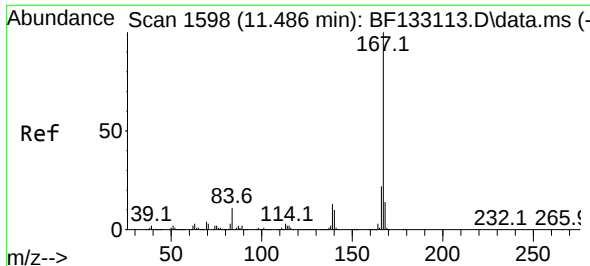
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#72
Anthracene
Concen: 41.876 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

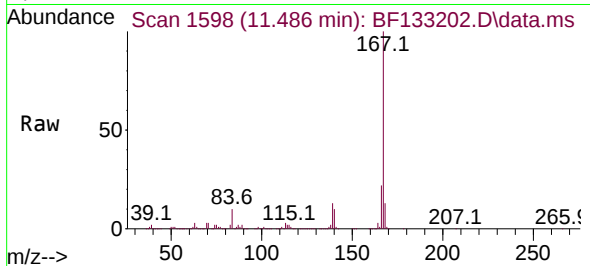
Tgt Ion:178 Resp: 1703744
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.0 12.4 18.6





#73
 Carbazole
 Concen: 43.151 ng
 RT: 11.486 min Scan# 1598
 Delta R.T. -0.000 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27

Instrument :
 BNA_F
 ClientSampleId :
 PB152525BS



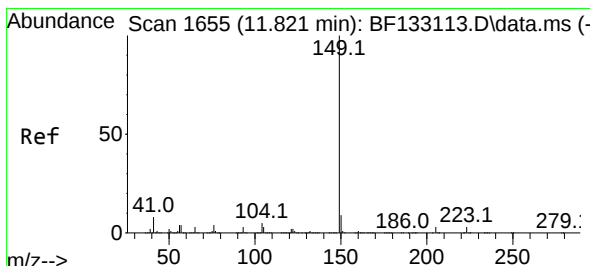
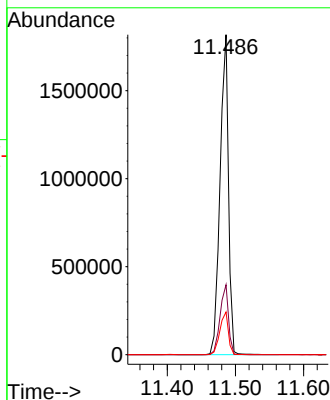
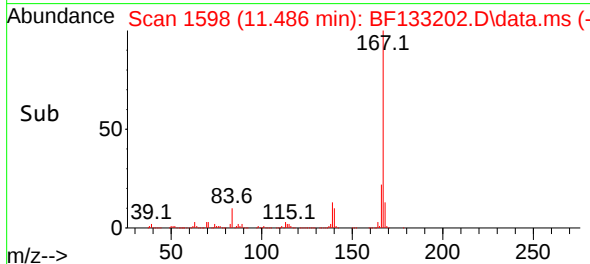
Tgt Ion:167 Resp: 1563249
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.0
 139 13.4 10.6 16.0

Manual Integrations
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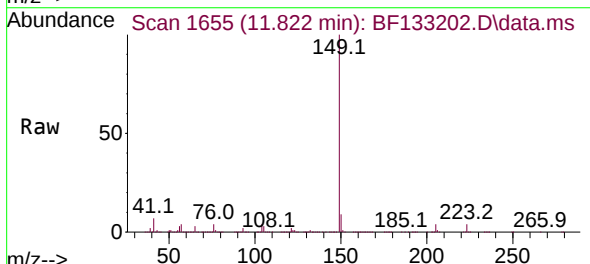
Reviewed By :Christian Giraldo 05/04/2023
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 Upadhyay

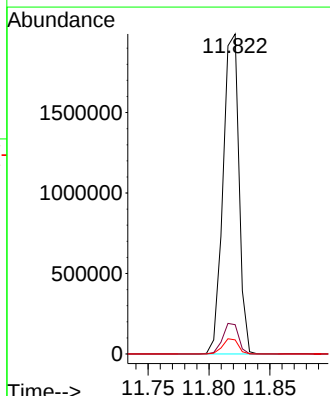
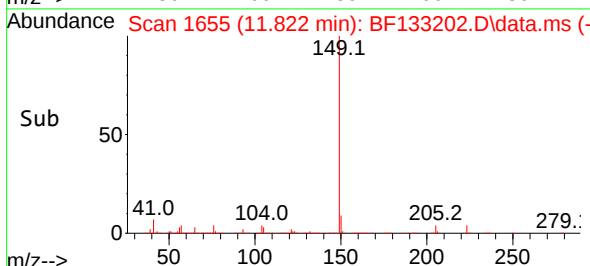
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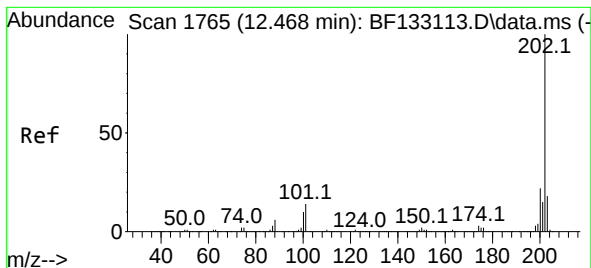


#74
 Di-n-butylphthalate
 Concen: 44.248 ng
 RT: 11.822 min Scan# 1655
 Delta R.T. 0.006 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27



Tgt Ion:149 Resp: 1814047
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 4.4 4.0 6.0





#75

Fluoranthene

Concen: 42.498 ng

RT: 12.463 min Scan# 1764

Delta R.T. -0.000 min

Lab File: BF133202.D

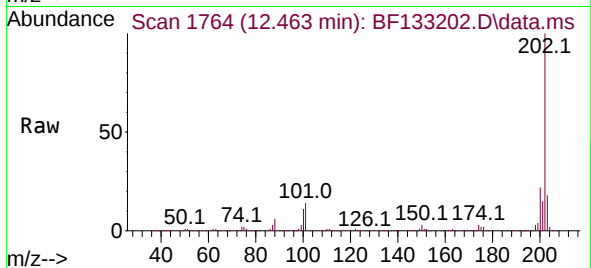
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:202 Resp: 1695624

Ion Ratio Lower Upper

202 100

101 14.4 0.0 35.3

203 18.1 0.0 38.1

Manual Integrations

APPROVED

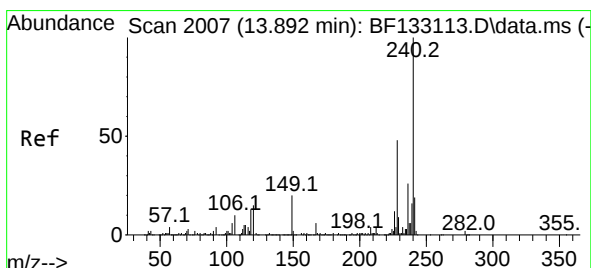
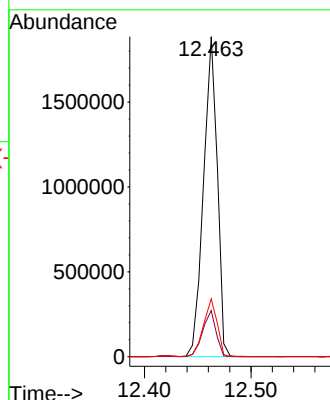
Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

Supervised By :Jagrut Upadhyay

05/04/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

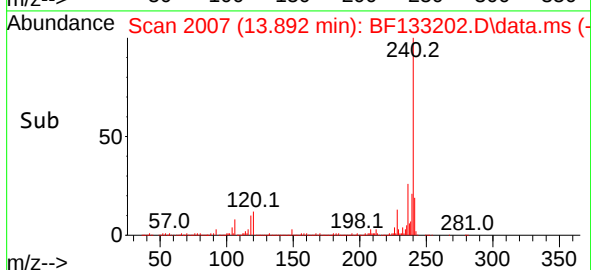
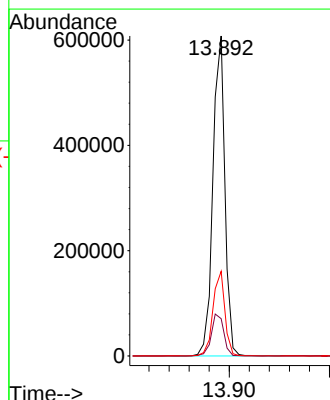
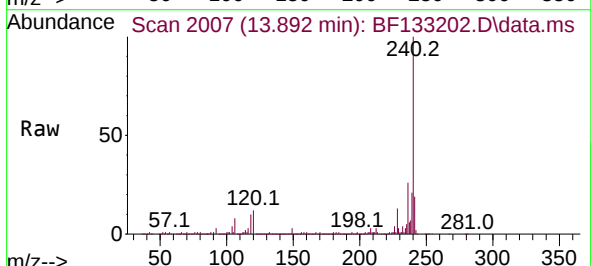
Tgt Ion:240 Resp: 503357

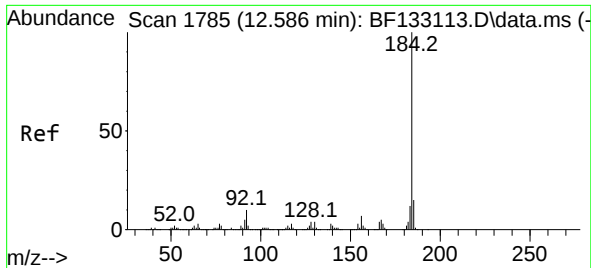
Ion Ratio Lower Upper

240 100

120 11.7 10.5 15.7

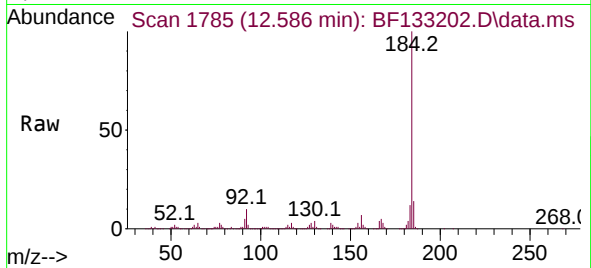
236 26.5 21.5 32.3





#77
Benzidine
Concen: 127.377 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

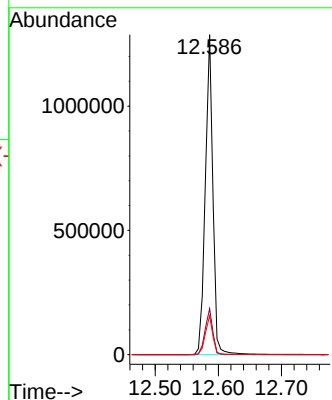
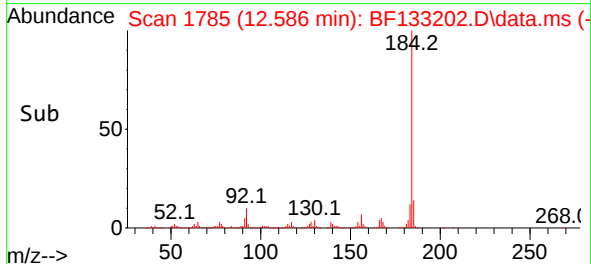
Instrument :
BNA_F
ClientSampleId :
PB152525BS



Tgt Ion:184 Resp: 108423
Ion Ratio Lower Upper
184 100
185 14.4 15.4 23.2
183 12.2 9.4 14.0

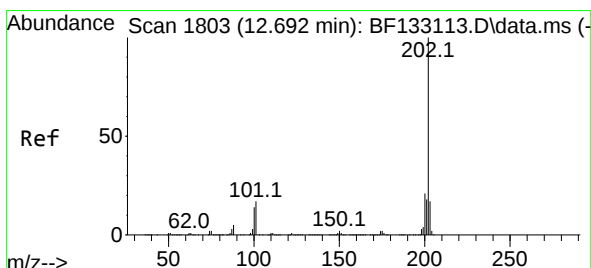
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

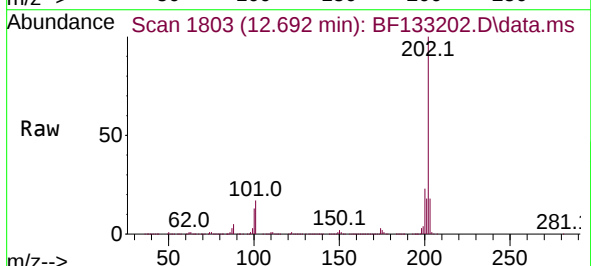


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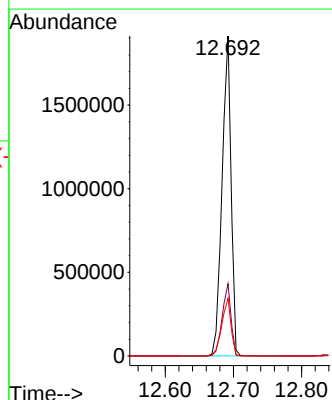
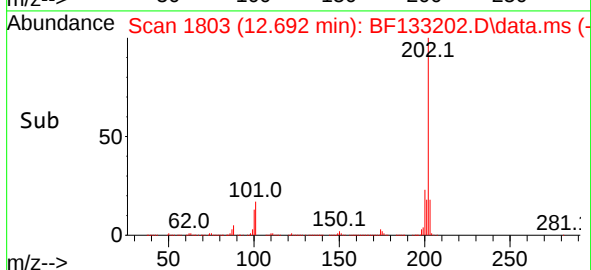
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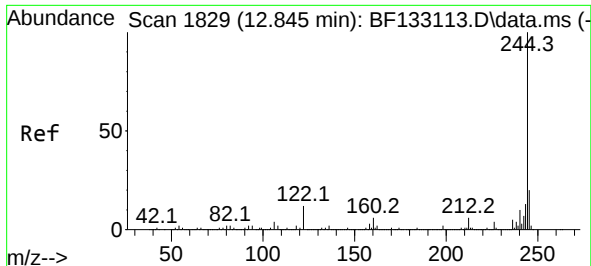


#78
Pyrene
Concen: 40.829 ng
RT: 12.692 min Scan# 1803
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27



Tgt Ion:202 Resp: 1761750
Ion Ratio Lower Upper
202 100
200 22.6 17.1 25.7
203 18.0 14.1 21.1





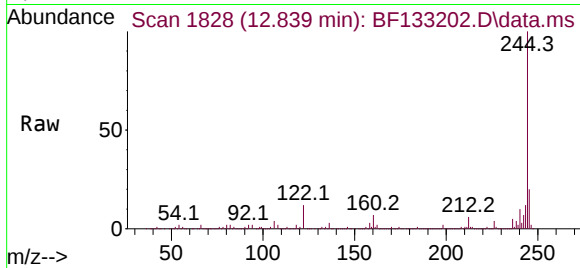
#79
 Terphenyl-d14
 Concen: 66.659 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. -0.000 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:244 Resp: 1945500
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 11.6 8.6 13.0

Manual Integrations

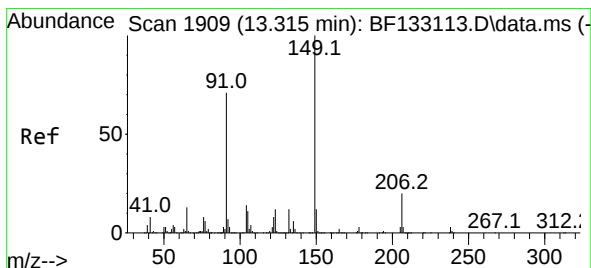
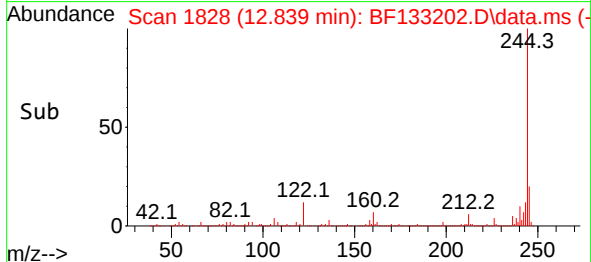
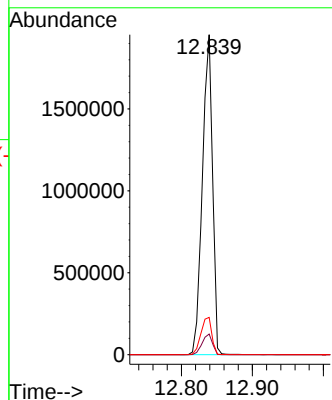
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
 Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

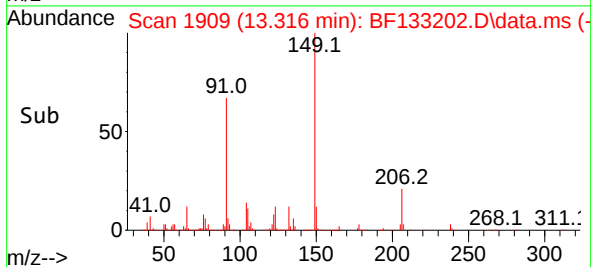
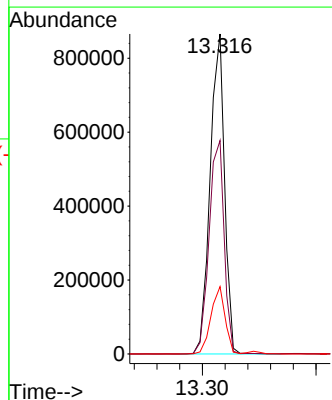
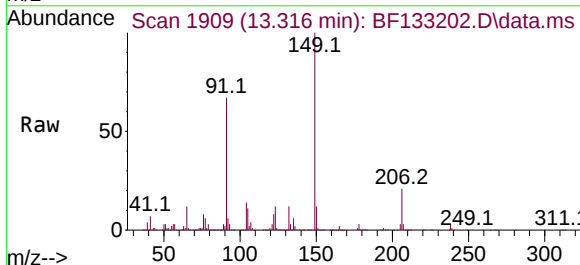
Supervised By :Jagrut
 Upadhyay

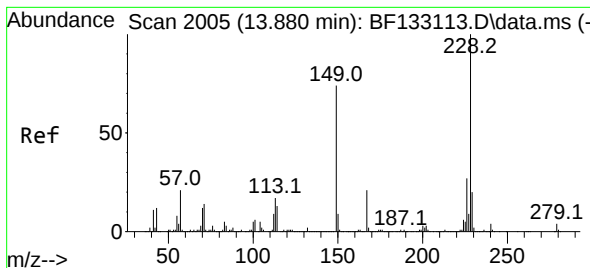
05/04/2023



#80
 Butylbenzylphthalate
 Concen: 49.794 ng
 RT: 13.316 min Scan# 1909
 Delta R.T. -0.000 min
 Lab File: BF133202.D
 Acq: 03 May 2023 12:27

Tgt Ion:149 Resp: 760755
 Ion Ratio Lower Upper
 149 100
 91 66.7 53.8 80.6
 206 21.1 17.5 26.3





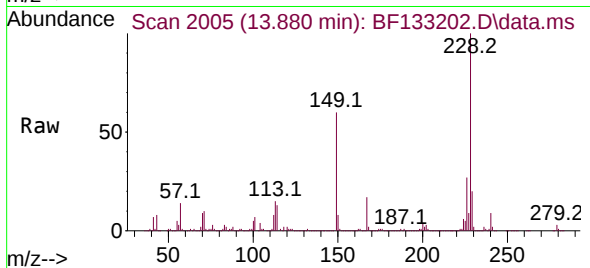
#81
Benzo(a)anthracene
Concen: 40.828 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:228 Resp: 1413215
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.4
229 19.6 16.0 24.0

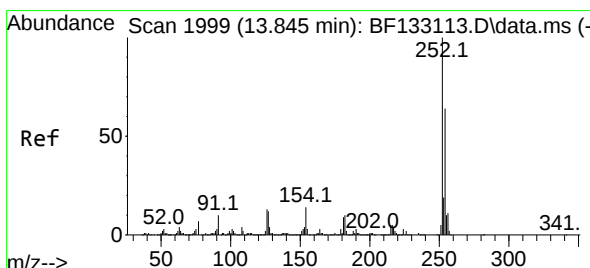
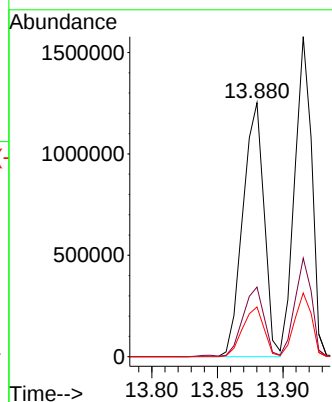
Manual Integrations
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Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

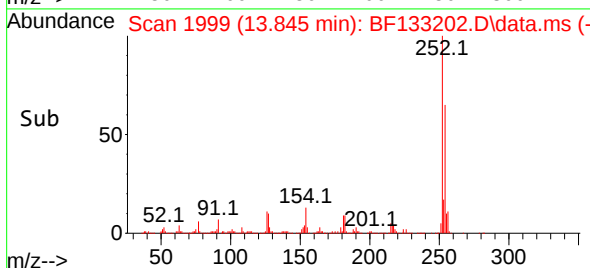
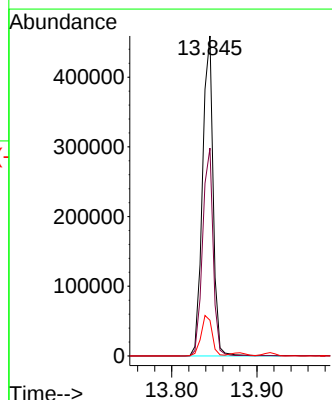
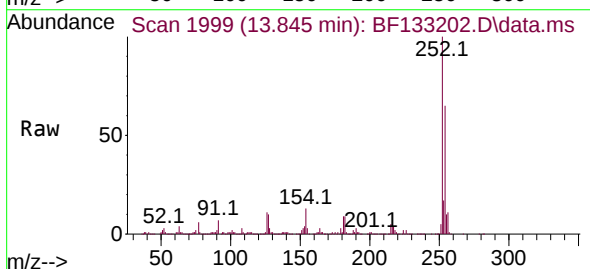
Supervised By :Jagrut
Upadhyay

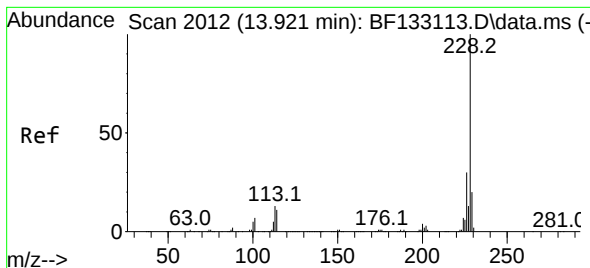
05/04/2023



#82
3,3'-Dichlorobenzidine
Concen: 41.616 ng
RT: 13.845 min Scan# 1999
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:252 Resp: 397943
Ion Ratio Lower Upper
252 100
254 64.9 51.5 77.3
126 11.1 9.5 14.3





#83

Chrysene

Concen: 41.151 ng

RT: 13.915 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF133202.D

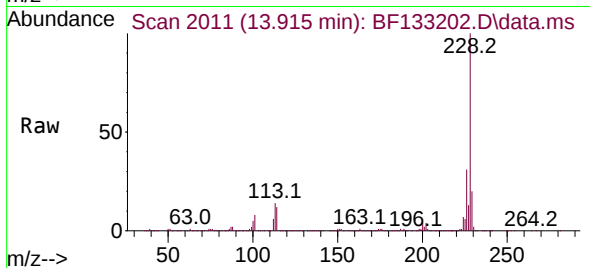
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:228 Resp: 142405

Ion Ratio Lower Upper

228 100

226 30.8 24.7 37.1

229 19.9 16.1 24.1

Manual Integrations

APPROVED

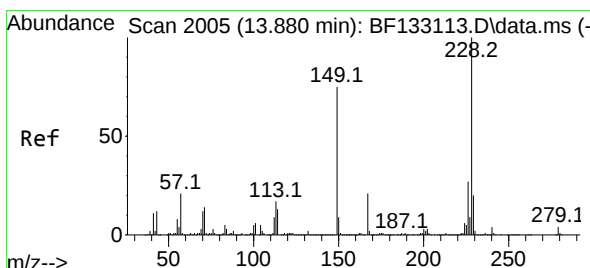
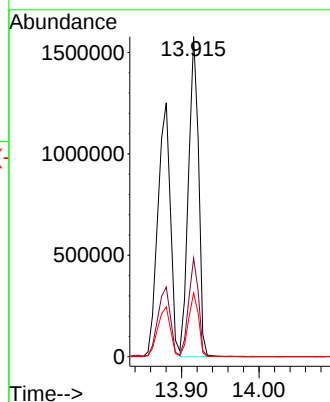
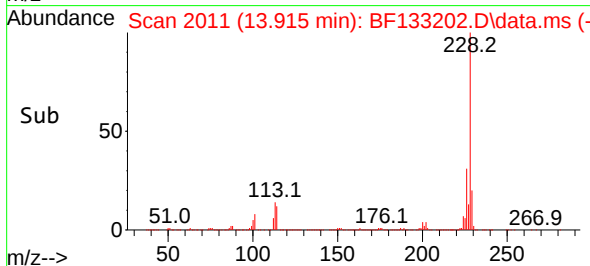
Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut
Upadhyay

05/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.453 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

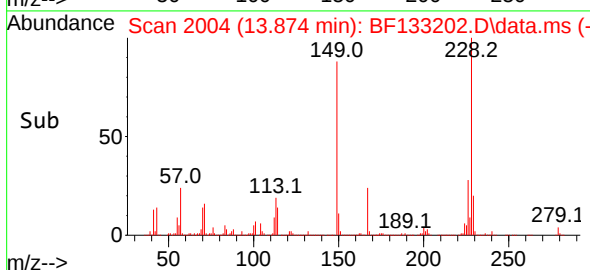
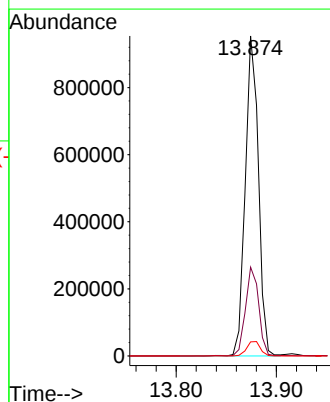
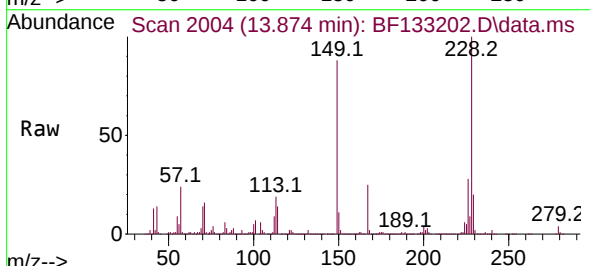
Tgt Ion:149 Resp: 871638

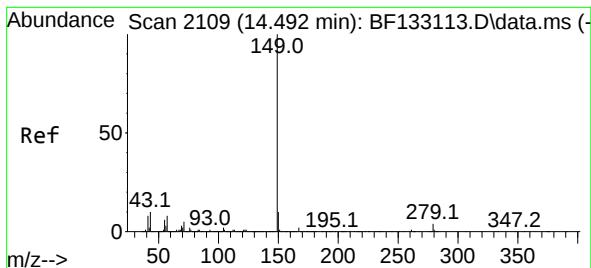
Ion Ratio Lower Upper

149 100

167 27.8 22.5 33.7

279 4.4 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 51.516 ng

RT: 14.486 min Scan# 2108

Delta R.T. -0.000 min

Lab File: BF133202.D

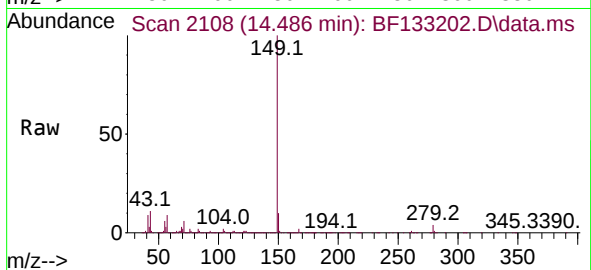
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:149 Resp: 1610830

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.7 9.5 14.3

Manual Integrations

APPROVED

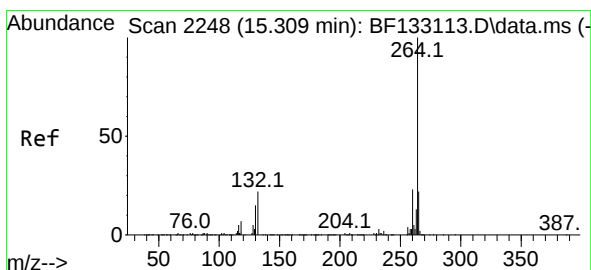
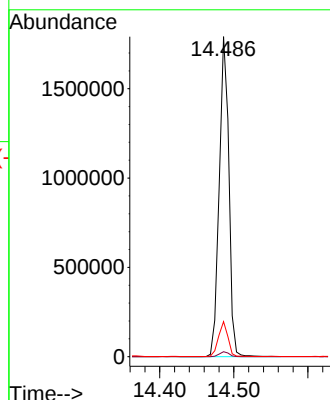
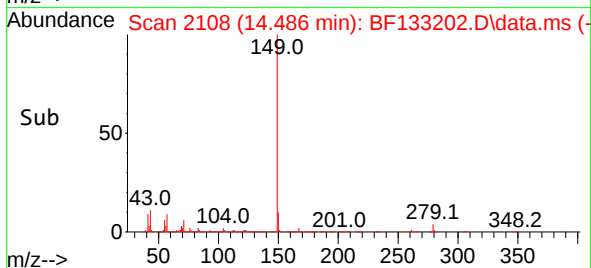
Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

Supervised By :Jagrut Upadhyay

05/04/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 2247

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

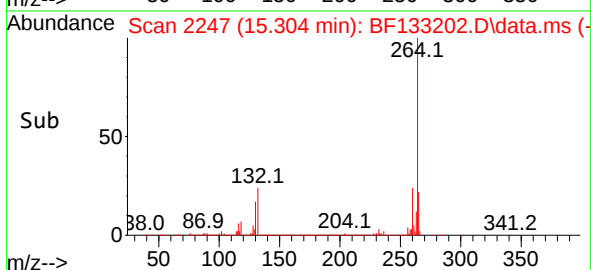
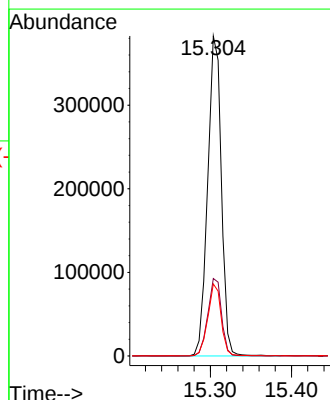
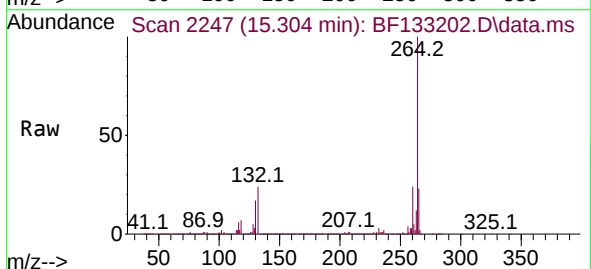
Tgt Ion:264 Resp: 446065

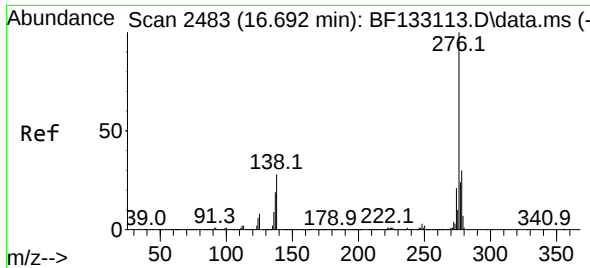
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 22.5 17.0 25.4





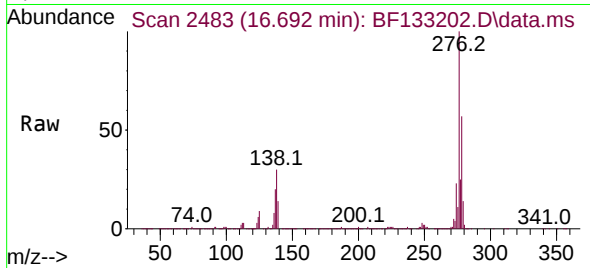
#87
Indeno(1,2,3-cd)pyrene
Concen: 45.220 ng
RT: 16.692 min Scan# 2483
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:276 Resp: 114737
Ion Ratio Lower Upper
276 100
138 31.0 25.5 38.3
277 25.6 20.4 30.6

Manual Integrations

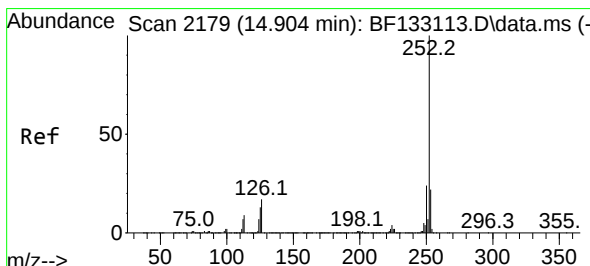
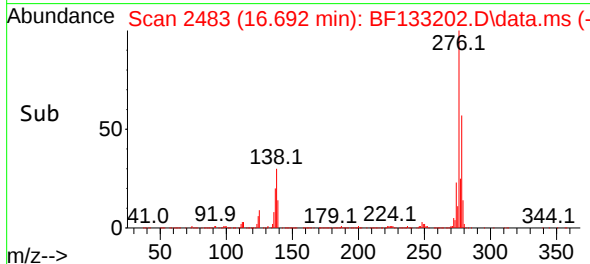
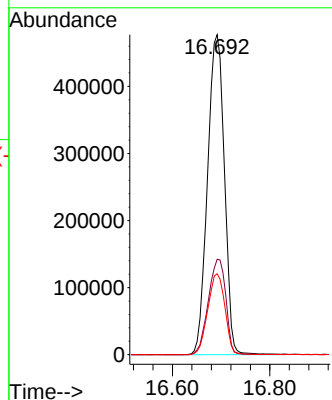
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

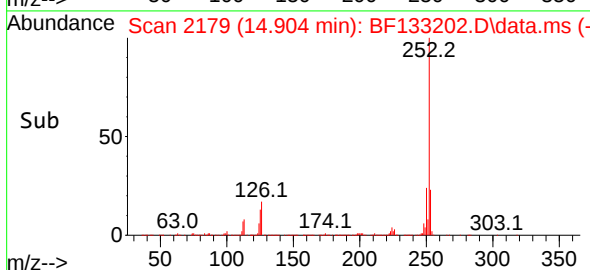
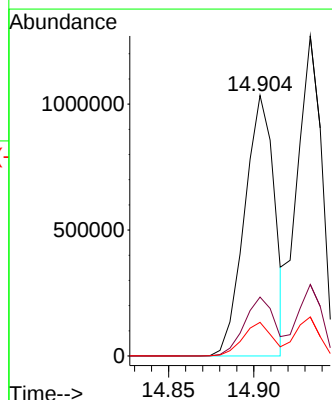
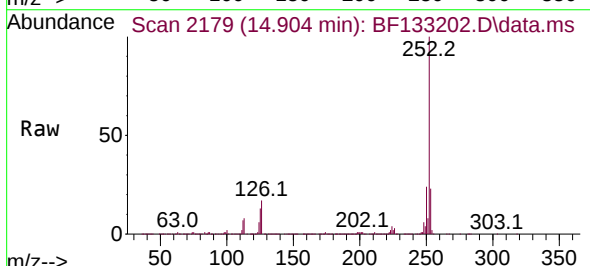
Supervised By :Jagrut
Upadhyay

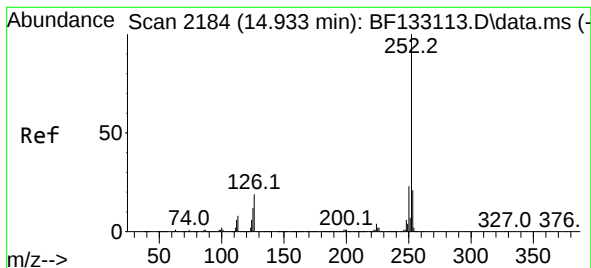
05/04/2023



#88
Benzo(b)fluoranthene
Concen: 44.644 ng
RT: 14.904 min Scan# 2179
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:252 Resp: 1266914
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 12.9 8.9 13.3





#89

Benzo(k)fluoranthene

Concen: 45.129 ng

RT: 14.933 min Scan# 2184

Delta R.T. -0.000 min

Lab File: BF133202.D

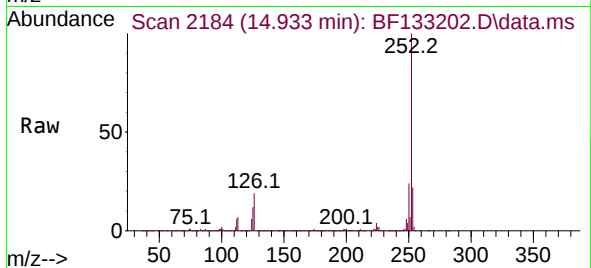
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:252 Resp: 1269508

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 12.2 9.0 13.4

Manual Integrations

APPROVED

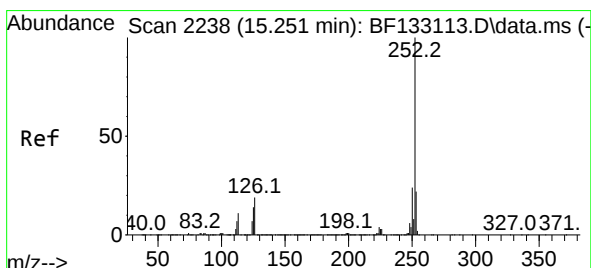
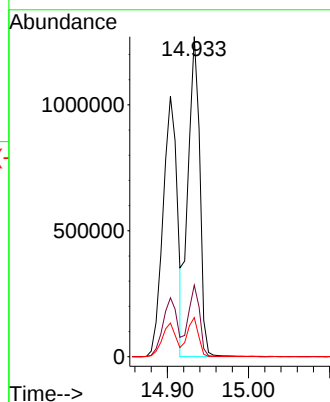
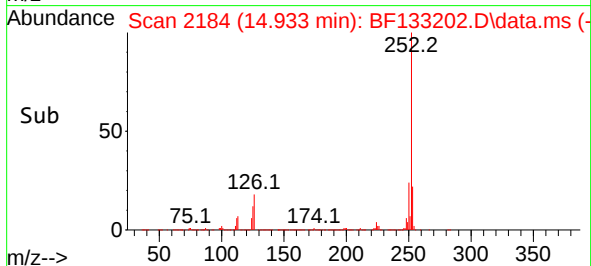
Reviewed By :Christian Giraldo 05/04/2023

Supervised By :Jagrut Upadhyay 05/04/2023

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Supervised By :Jagrut Upadhyay

05/04/2023



#90

Benzo(a)pyrene

Concen: 41.936 ng

RT: 15.251 min Scan# 2238

Delta R.T. -0.000 min

Lab File: BF133202.D

Acq: 03 May 2023 12:27

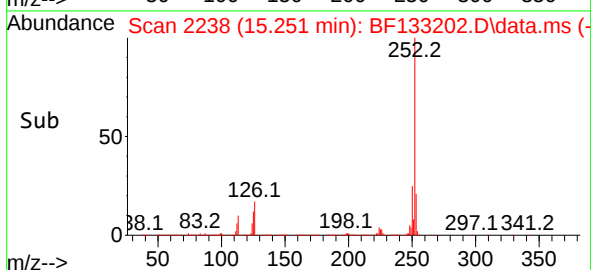
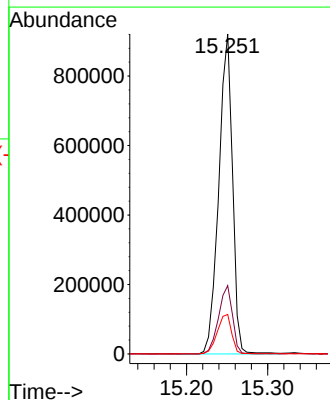
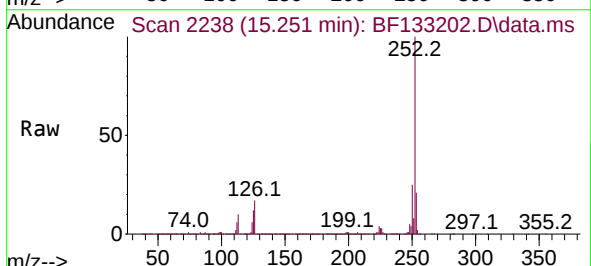
Tgt Ion:252 Resp: 1083217

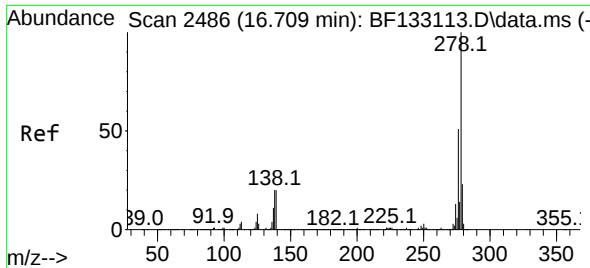
Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

125 12.4 10.5 15.7





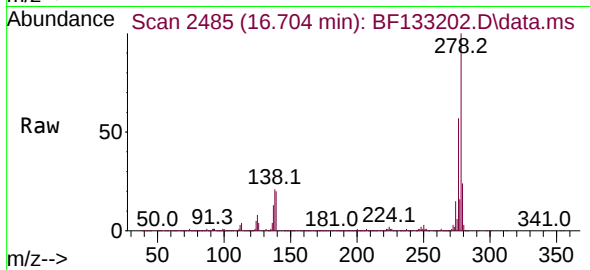
#91
Dibenzo(a,h)anthracene
Concen: 44.984 ng
RT: 16.704 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Instrument :

BNA_F

ClientSampleId :

PB152525BS



Tgt Ion:278 Resp: 951968
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.2 18.8 28.2

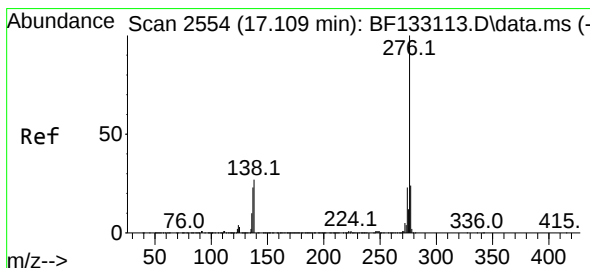
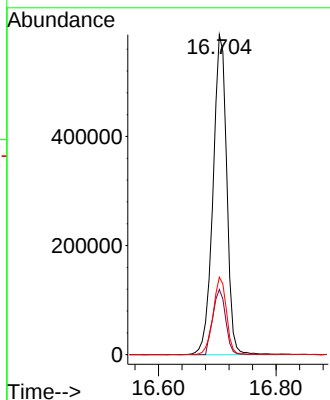
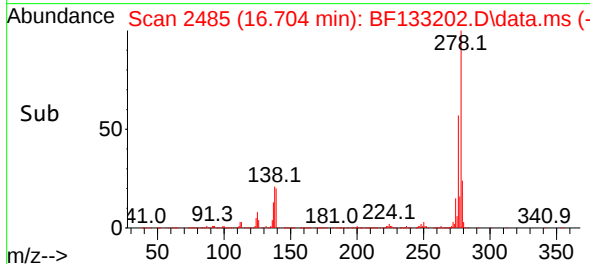
Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/04/2023
Supervised By :Jagrut Upadhyay 05/04/2023

05/04/2023

Supervised By :Jagrut
Upadhyay

05/04/2023



#92
Benzo(g,h,i)perylene
Concen: 45.539 ng
RT: 17.109 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF133202.D
Acq: 03 May 2023 12:27

Tgt Ion:276 Resp: 951426
Ion Ratio Lower Upper
276 100
277 23.1 19.4 29.0
138 25.4 22.7 34.1

