

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132712.D
 Acq On : 09 Mar 2023 11:47
 Operator : CG\JU
 Sample : PB151303BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151303BS

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

03/10/2023
 Supervised By :Jagrut
 Upadhyay

Quant Time: Mar 09 12:25:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	250353	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	945632	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	501324	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	927813	20.000	ng	0.00
76) Chrysene-d12	14.186	240	529596	20.000	ng	# 0.00
86) Perylene-d12	15.733	264	481489	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1382159	89.602	ng	0.02
7) Phenol-d6	6.622	99	1794714	89.148	ng	0.00
23) Nitrobenzene-d5	7.551	82	1222301	61.325	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	507414	93.721	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2029683	61.647	ng	0.00
79) Terphenyl-d14	13.115	244	2186635	69.809	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.957	88	315721	37.001	ng 98
3) Pyridine	3.704	79	813100	35.899	ng 98
4) n-Nitrosodimethylamine	3.675	42	332764	38.896	ng 96
6) Aniline	6.645	93	874937	32.294	ng 96
8) 2-Chlorophenol	6.775	128	667253	41.678	ng 98
9) Benzaldehyde	6.534	77	392436	36.126	ng 99
10) Phenol	6.639	94	899650	38.979	ng 87
11) bis(2-Chloroethyl)ether	6.716	93	737366	41.384	ng 97
12) 1,3-Dichlorobenzene	6.922	146	741102	43.136	ng 98
13) 1,4-Dichlorobenzene	6.998	146	747097	43.549	ng 99
14) 1,2-Dichlorobenzene	7.157	146	669417	40.660	ng 98
15) Benzyl Alcohol	7.128	79	639416	41.241	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.251	45	906179	39.882	ng 87
17) 2-Methylphenol	7.239	107	584934	39.148	ng 97
18) Hexachloroethane	7.492	117	302069	45.071	ng 99
19) n-Nitroso-di-n-propyla...	7.398	70	468181	37.787	ng 94
20) 3+4-Methylphenols	7.392	107	635879	32.941	ng 99
22) Acetophenone	7.392	105	920168	38.590	ng 95
24) Nitrobenzene	7.569	77	826085	38.754	ng 95
25) Isophorone	7.804	82	1509797	39.510	ng 99
26) 2-Nitrophenol	7.886	139	386081	41.050	ng 97
27) 2,4-Dimethylphenol	7.922	122	595989	40.150	ng 98
28) bis(2-Chloroethoxy)met...	8.010	93	903357	40.411	ng 100
29) 2,4-Dichlorophenol	8.128	162	602337	40.792	ng 98
30) 1,2,4-Trichlorobenzene	8.210	180	692024	43.160	ng 99
31) Naphthalene	8.292	128	1908936	39.432	ng 99
32) Benzoic acid	8.057	122	403603m	35.582	ng
33) 4-Chloroaniline	8.339	127	367595	17.720	ng 95
34) Hexachlorobutadiene	8.398	225	451068	44.271	ng 99
35) Caprolactam	8.728	113	219616m	45.114	ng
36) 4-Chloro-3-methylphenol	8.828	107	656437	40.480	ng 97
37) 2-Methylnaphthalene	8.986	142	1263289	38.292	ng 100
38) 1-Methylnaphthalene	9.086	142	1182603	38.357	ng 99
40) 1,2,4,5-Tetrachloroben...	9.151	216	698696	42.598	ng 99
41) Hexachlorocyclopentadiene	9.133	237	873006	98.131	ng 98
43) 2,4,6-Trichlorophenol	9.263	196	452920	40.746	ng 99

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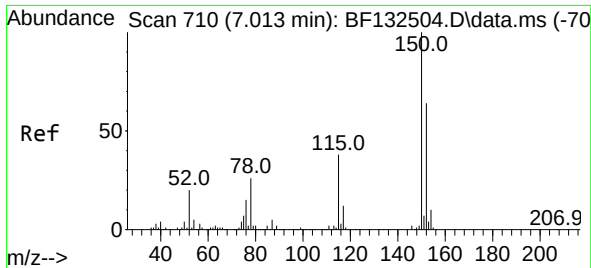
Reviewed By :Christian
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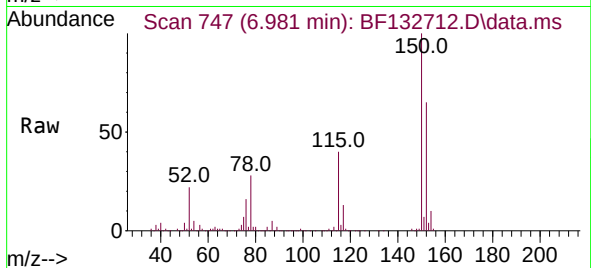
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.310	196	474167	36.549	ng	97
46) 1,1'-Biphenyl	9.451	154	1518315	40.014	ng	98
47) 2-Chloronaphthalene	9.480	162	1227591	40.805	ng	98
48) 2-Nitroaniline	9.575	65	398220	35.940	ng	95
49) Acenaphthylene	9.892	152	1844570	38.525	ng	99
50) Dimethylphthalate	9.751	163	1460609	40.014	ng	99
51) 2,6-Dinitrotoluene	9.816	165	326383	39.261	ng	96
52) Acenaphthene	10.069	154	1285706m	42.289	ng	
53) 3-Nitroaniline	9.986	138	234668	25.235	ng	97
54) 2,4-Dinitrophenol	10.098	184	348272	66.794	ng	98
55) Dibenzofuran	10.239	168	1660877	37.473	ng	97
56) 4-Nitrophenol	10.157	139	433754	62.545	ng	93
57) 2,4-Dinitrotoluene	10.222	165	425329	38.458	ng	98
58) Fluorene	10.586	166	1286418	37.945	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	386786	40.135	ng	98
60) Diethylphthalate	10.451	149	1383184	38.799	ng	99
61) 4-Chlorophenyl-phenyle...	10.569	204	698603	39.722	ng	98
62) 4-Nitroaniline	10.610	138	332800	36.458	ng	99
63) Azobenzene	10.733	77	1403768	37.180	ng	99
65) 4,6-Dinitro-2-methylph...	10.633	198	243299	38.737	ng	93
66) n-Nitrosodiphenylamine	10.692	169	1148477	39.705	ng	98
67) 4-Bromophenyl-phenylether	11.063	248	440963	42.016	ng	97
68) Hexachlorobenzene	11.133	284	495867	44.902	ng	# 94
69) Atrazine	11.221	200	407804	45.160	ng	98
70) Pentachlorophenol	11.333	266	428703	65.248	ng	98
71) Phenanthrene	11.557	178	1853194	38.556	ng	99
72) Anthracene	11.610	178	1906539	38.519	ng	100
73) Carbazole	11.763	167	1681293	37.675	ng	99
74) Di-n-butylphthalate	12.074	149	2145607	40.988	ng	100
75) Fluoranthene	12.751	202	1973679	37.562	ng	98
77) Benzidine	12.868	184	854749	66.301	ng	99
78) Pyrene	12.980	202	2001118	41.560	ng	100
80) Butylbenzylphthalate	13.586	149	831875	43.781	ng	98
81) Benzo(a)anthracene	14.180	228	1590827	40.146	ng	99
82) 3,3'-Dichlorobenzidine	14.133	252	283813	24.294	ng	99
83) Chrysene	14.215	228	1444907	38.994	ng	99
84) Bis(2-ethylhexyl)phtha...	14.145	149	1061103	45.460	ng	99
85) Di-n-octyl phthalate	14.768	149	1595324	46.771	ng	98
87) Indeno(1,2,3-cd)pyrene	17.327	276	1367148	43.334	ng	98
88) Benzo(b)fluoranthene	15.268	252	1330593	41.237	ng	99
89) Benzo(k)fluoranthene	15.304	252	1231555	38.999	ng	99
90) Benzo(a)pyrene	15.668	252	1120263	37.096	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	1118290	43.504	ng	97
92) Benzo(g,h,i)perylene	17.815	276	1142762	39.629	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

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PB151303BS



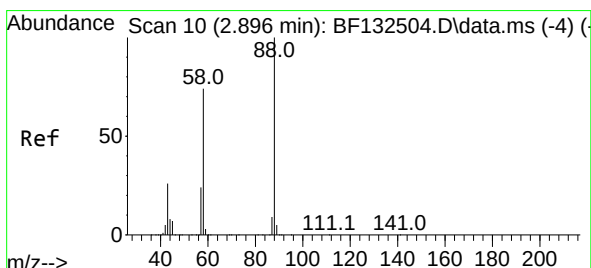
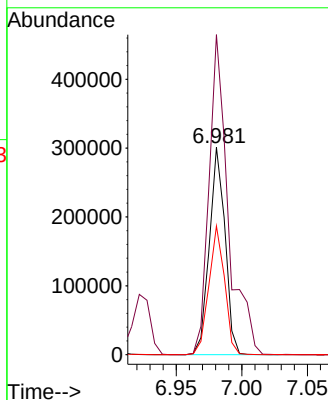
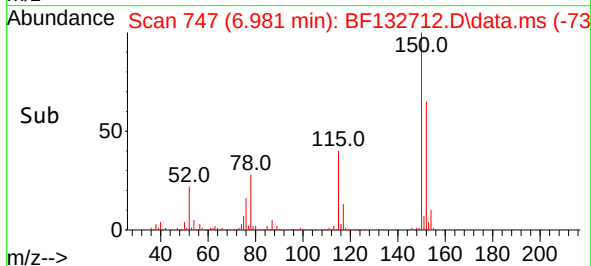
Tgt Ion: 152 Resp: 250353
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.2
115 62.0 47.8 71.6

Manual Integrations
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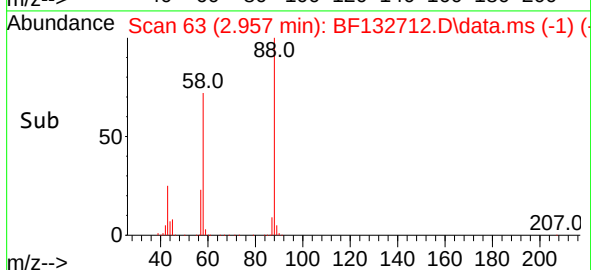
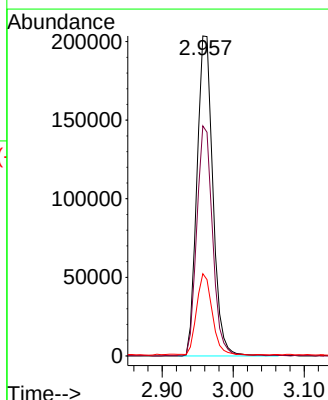
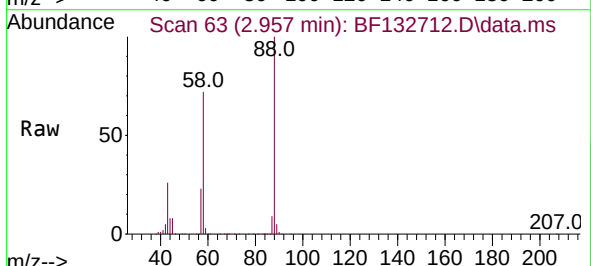
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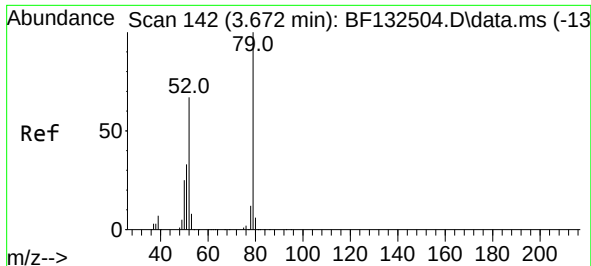
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#2
1,4-Dioxane
Concen: 37.001 ng
RT: 2.957 min Scan# 63
Delta R.T. 0.118 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

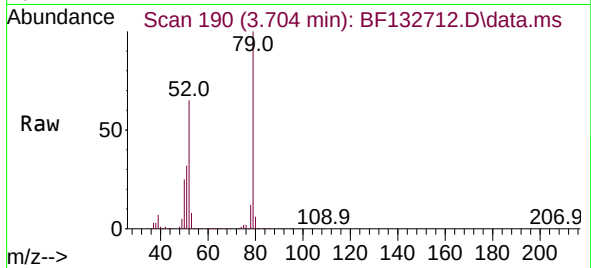
Tgt Ion: 88 Resp: 315721
Ion Ratio Lower Upper
88 100
58 71.0 58.3 87.5
43 24.9 20.7 31.1





#3
Pyridine
Concen: 35.899 ng
RT: 3.704 min Scan# 190
Delta R.T. 0.082 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

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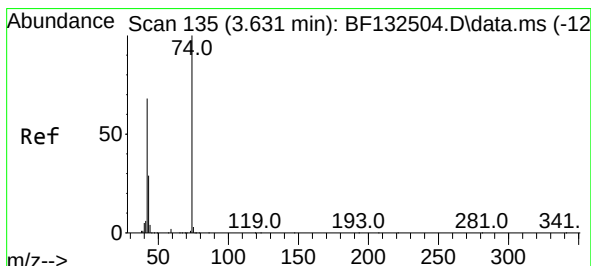
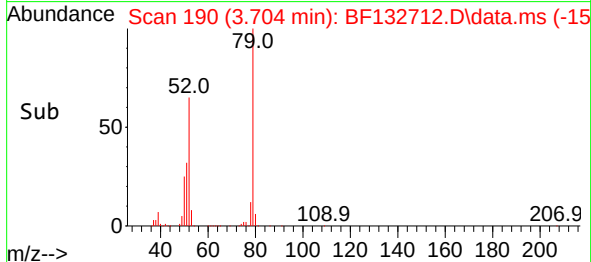
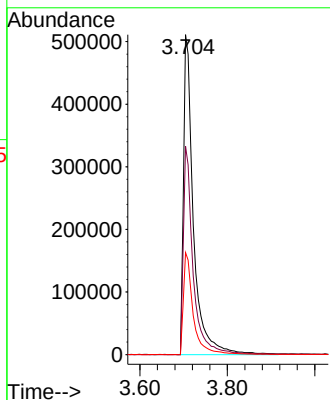
Tgt Ion: 79 Resp: 813100
Ion Ratio Lower Upper
79 100
52 65.1 53.7 80.5
51 31.9 26.6 40.0

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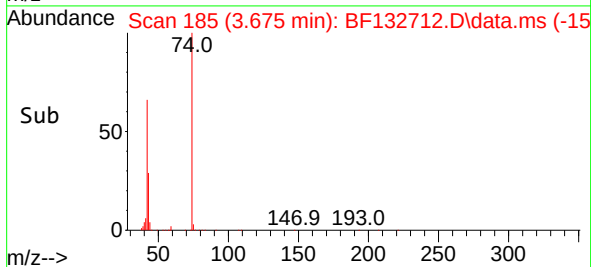
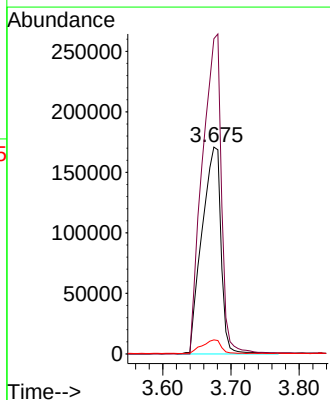
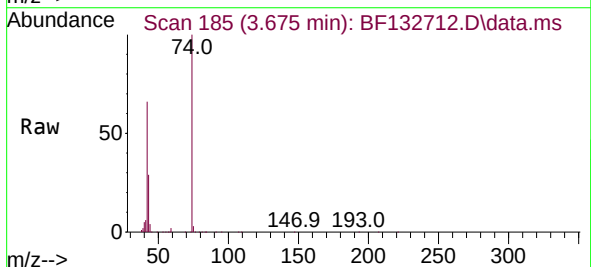
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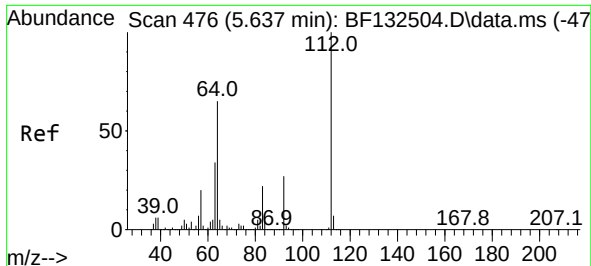
03/10/2023



#4
n-Nitrosodimethylamine
Concen: 38.896 ng
RT: 3.675 min Scan# 185
Delta R.T. 0.088 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

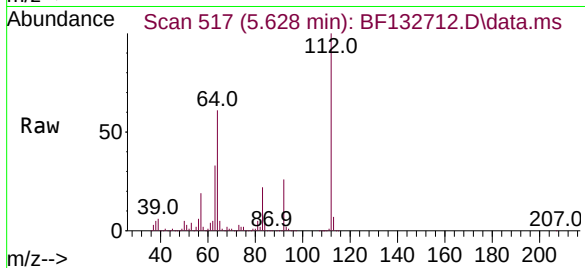
Tgt Ion: 42 Resp: 332764
Ion Ratio Lower Upper
42 100
74 152.4 118.2 177.2
44 6.8 5.3 7.9





#5
2-Fluorophenol
Concen: 89.602 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.018 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
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ClientSampleId :
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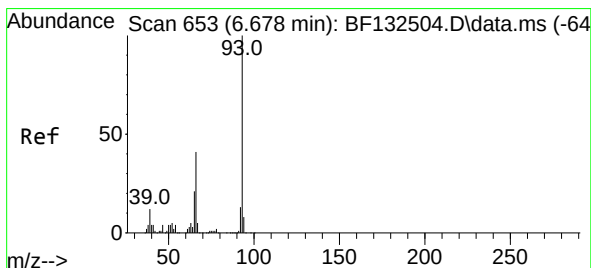
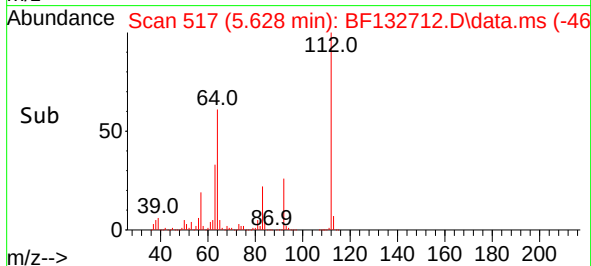
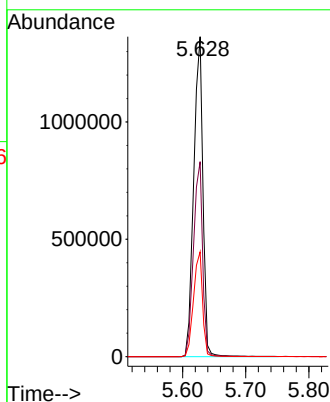
Tgt Ion: 112 Resp: 1382159
Ion Ratio Lower Upper
112 100
64 60.9 51.6 77.4
63 32.7 27.4 41.2

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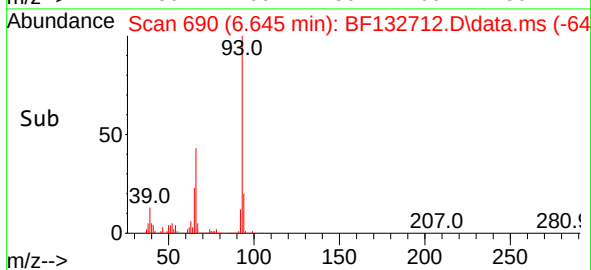
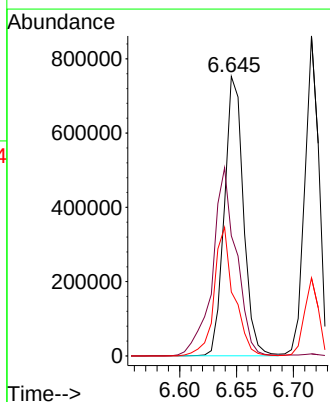
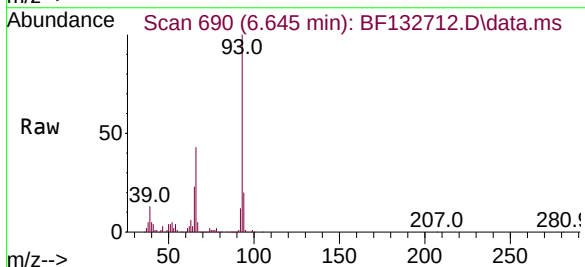
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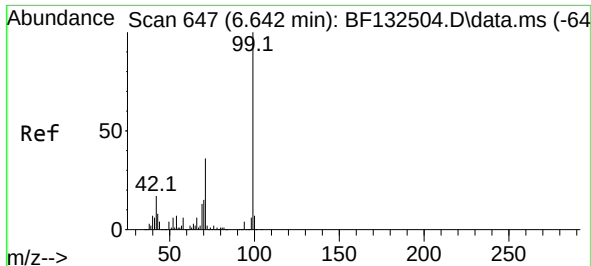
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#6
Aniline
Concen: 32.294 ng
RT: 6.645 min Scan# 690
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

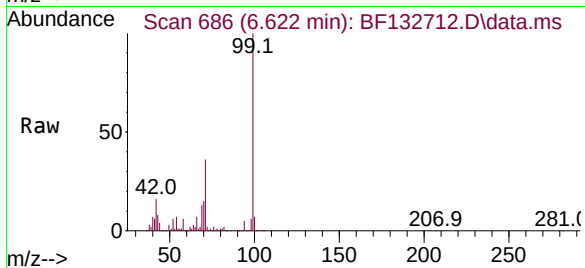
Tgt Ion: 93 Resp: 874937
Ion Ratio Lower Upper
93 100
66 43.0 32.5 48.7
65 22.9 16.6 24.8





#7
Phenol-d6
Concen: 89.148 ng
RT: 6.622 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

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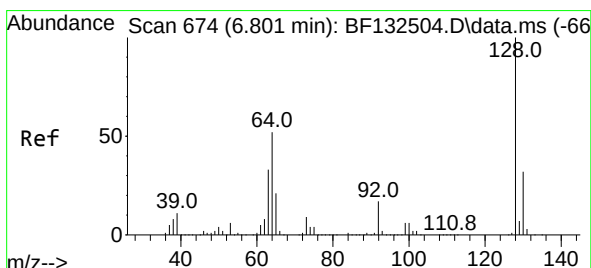
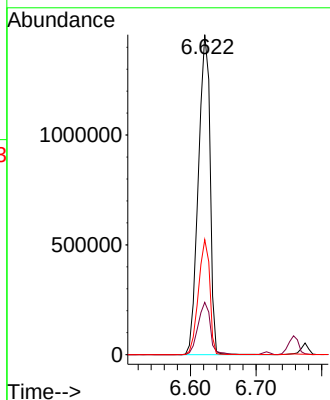
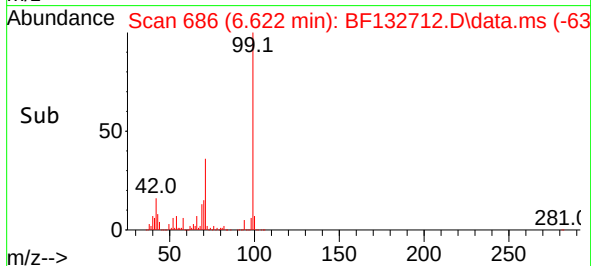
Tgt Ion: 99 Resp: 1794714
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 36.0 28.5 42.7

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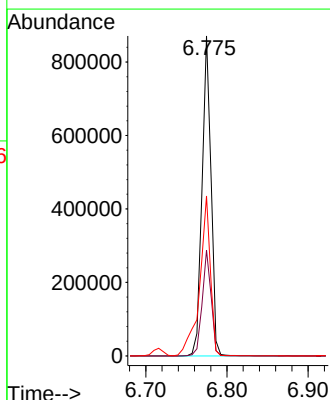
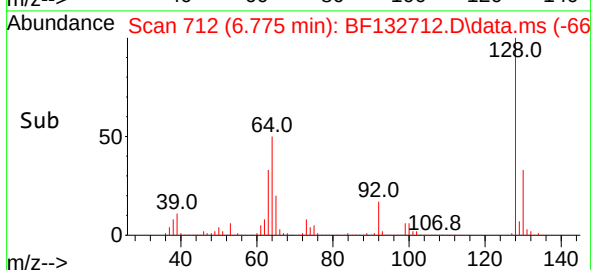
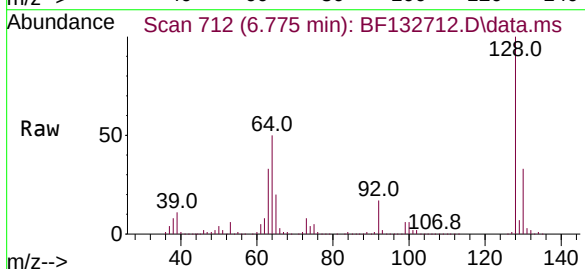
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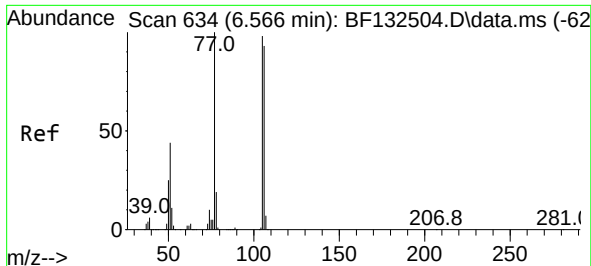
03/10/2023



#8
2-Chlorophenol
Concen: 41.678 ng
RT: 6.775 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

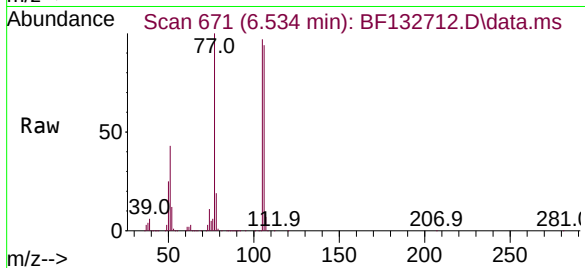
Tgt Ion:128 Resp: 667253
Ion Ratio Lower Upper
128 100
130 33.1 12.1 52.1
64 50.0 32.0 72.0





#9
Benzaldehyde
Concen: 36.126 ng
RT: 6.534 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



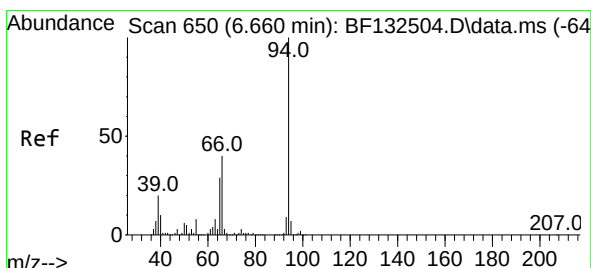
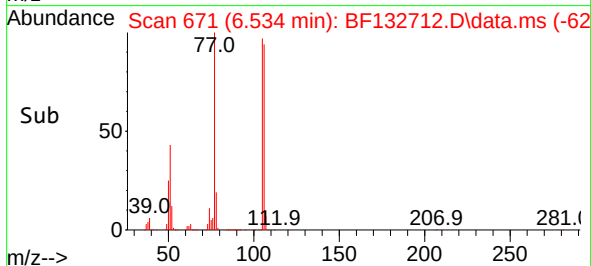
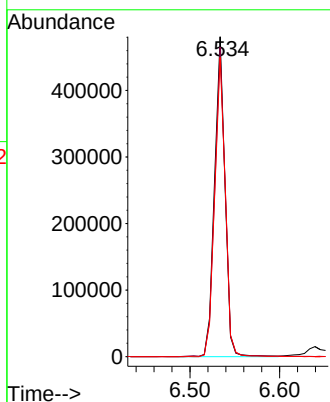
Tgt Ion: 77 Resp: 392436
Ion Ratio Lower Upper
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105 96.8 77.9 117.9
106 93.5 73.4 113.4

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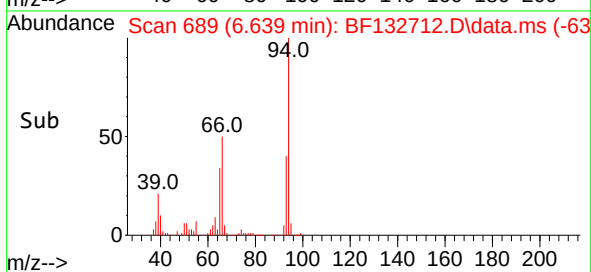
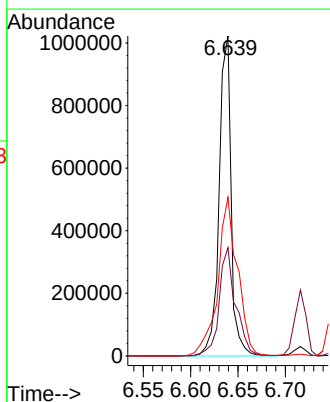
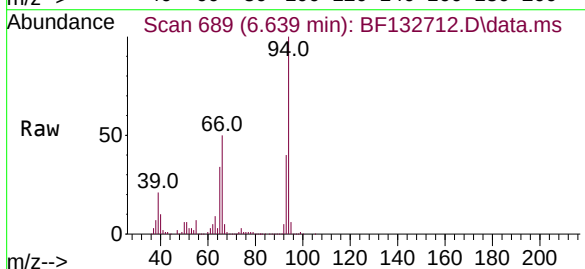
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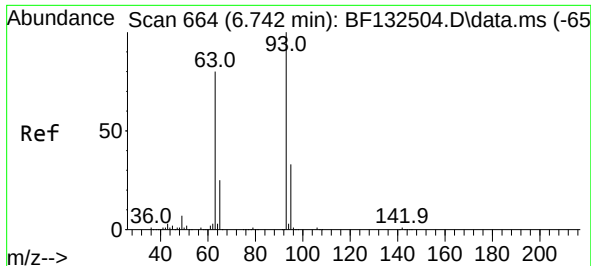
03/10/2023



#10
Phenol
Concen: 38.979 ng
RT: 6.639 min Scan# 689
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion: 94 Resp: 899650
Ion Ratio Lower Upper
94 100
65 33.8 9.4 49.4
66 49.5 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 41.384 ng
RT: 6.716 min Scan# 702
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion: 93 Resp: 737366
Ion Ratio Lower Upper
93 100
63 75.9 59.6 99.6
95 32.5 12.8 52.8

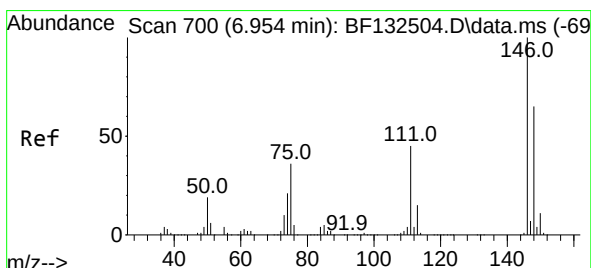
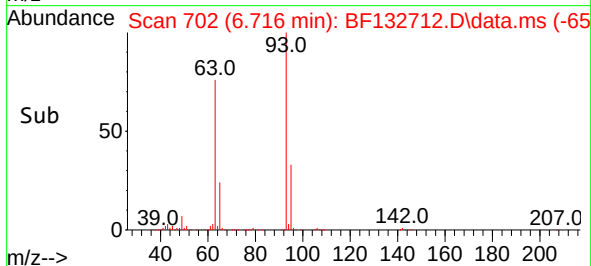
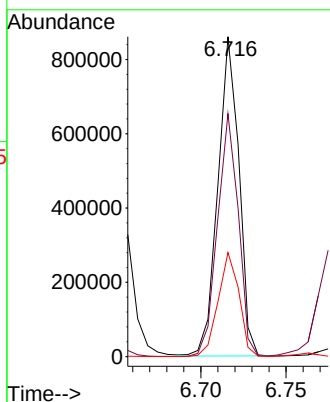
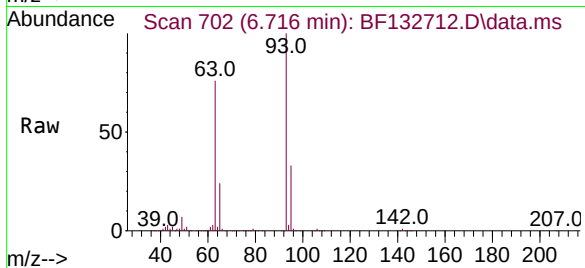
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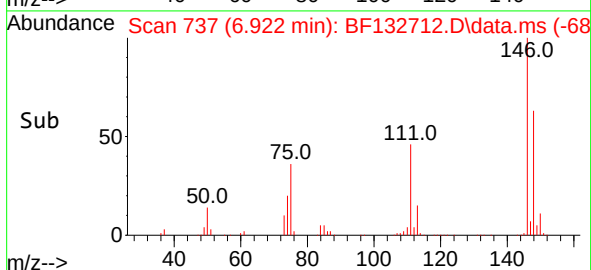
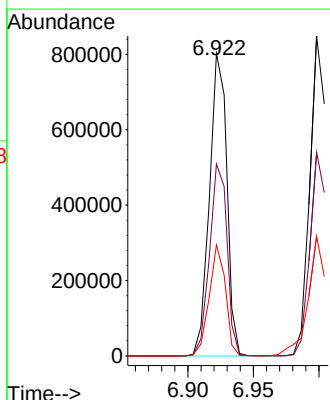
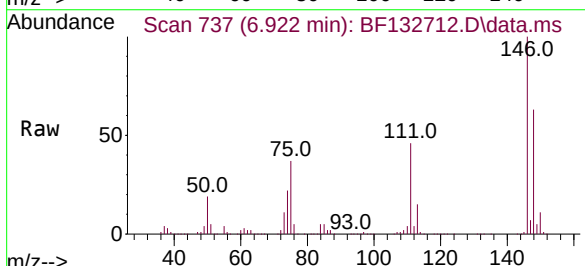
Supervised By :Jagrut
Upadhyay

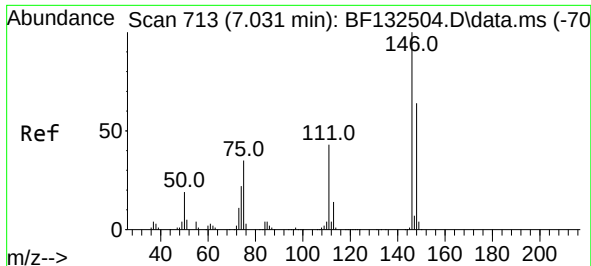
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#12
1,3-Dichlorobenzene
Concen: 43.136 ng
RT: 6.922 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

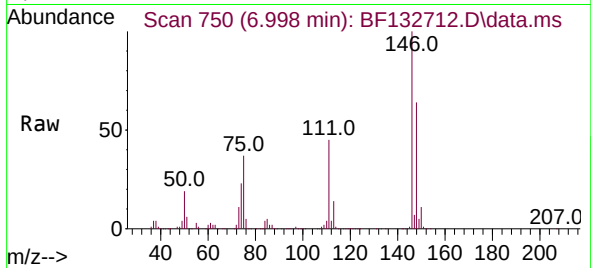
Tgt Ion:146 Resp: 741102
Ion Ratio Lower Upper
146 100
148 63.5 51.9 77.9
75 36.7 28.9 43.3





#13
1,4-Dichlorobenzene
Concen: 43.549 ng
RT: 6.998 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



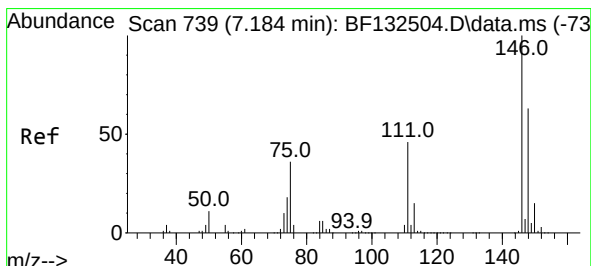
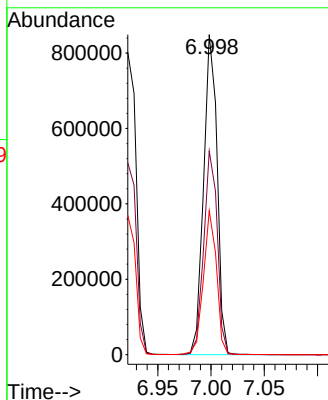
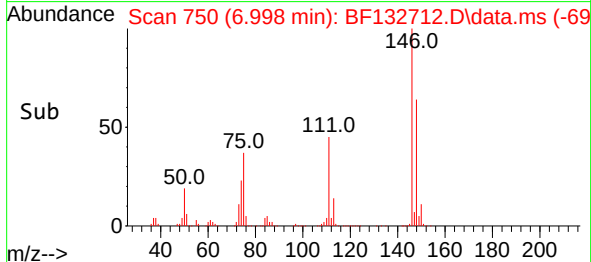
Tgt Ion:146 Resp: 747092
Ion Ratio Lower Upper
146 100
148 63.6 51.1 76.7
111 45.0 34.8 52.2

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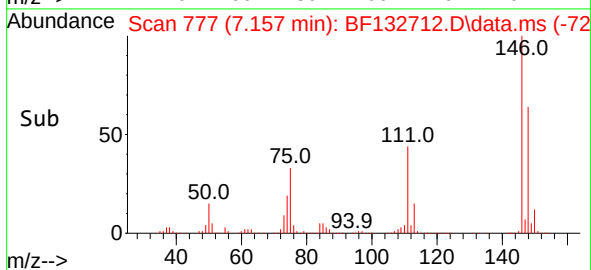
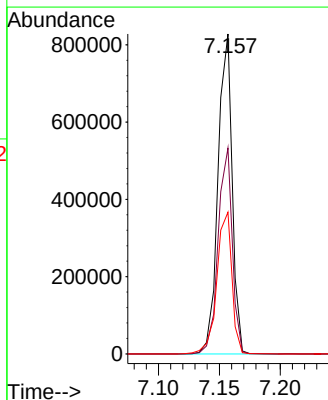
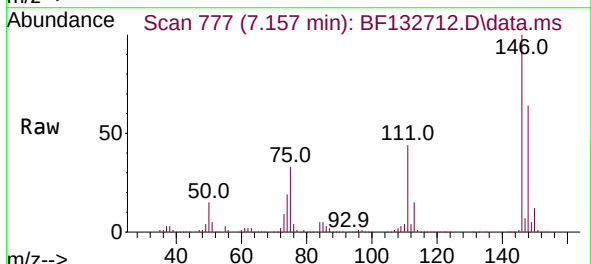
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Supervised By :Jagrut
Upadhyay

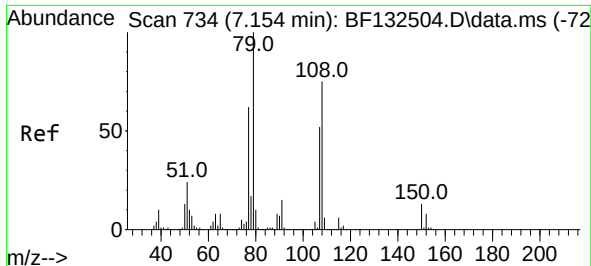
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#14
1,2-Dichlorobenzene
Concen: 40.660 ng
RT: 7.157 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

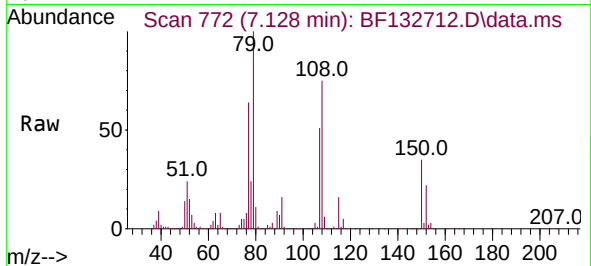
Tgt Ion:146 Resp: 669417
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 44.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 41.241 ng
RT: 7.128 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



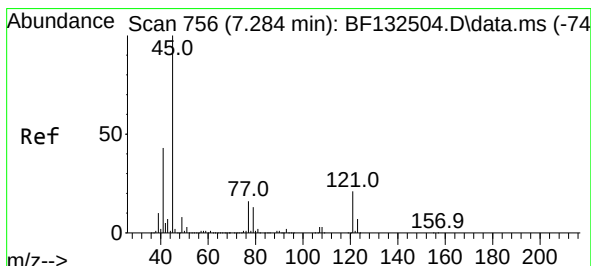
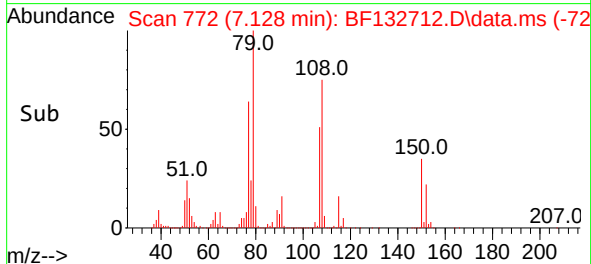
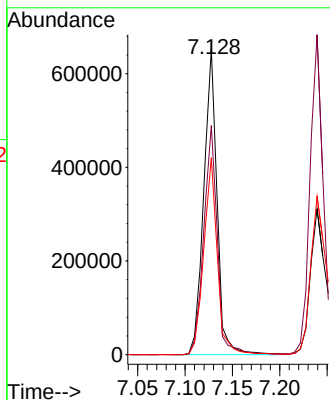
Tgt Ion: 79 Resp: 639416
Ion Ratio Lower Upper
79 100
108 74.9 60.2 90.4
77 64.3 49.9 74.9

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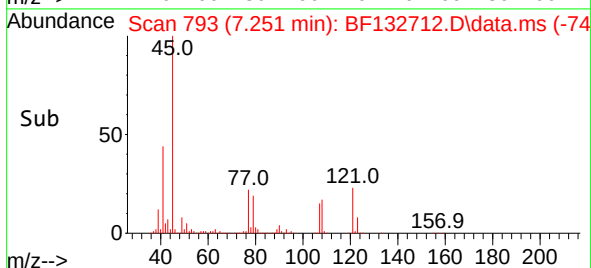
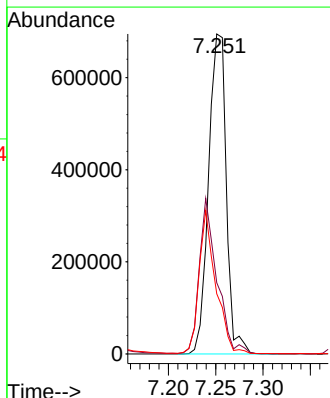
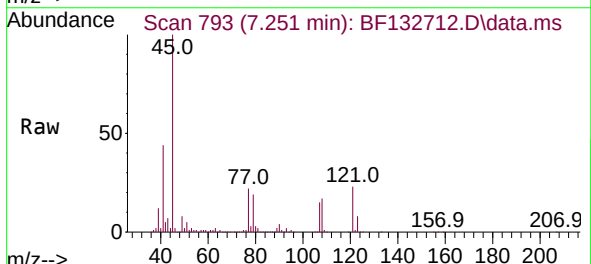
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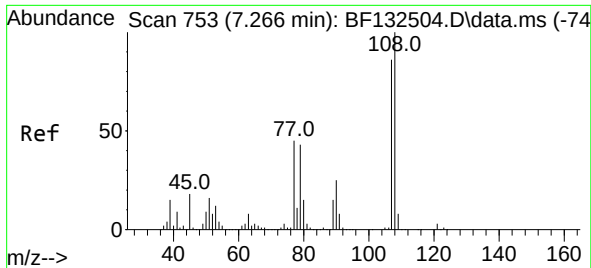
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.882 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion: 45 Resp: 906179
Ion Ratio Lower Upper
45 100
77 22.2 0.0 36.4
79 18.8 0.0 33.4





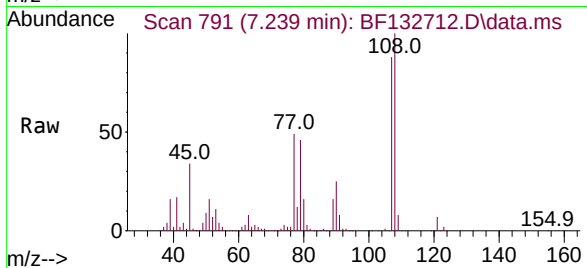
#17
2-Methylphenol
Concen: 39.148 ng
RT: 7.239 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:107 Resp: 584934
Ion Ratio Lower Upper
107 100
108 113.8 93.0 139.4
77 56.2 42.1 63.1
79 51.8 39.6 59.4

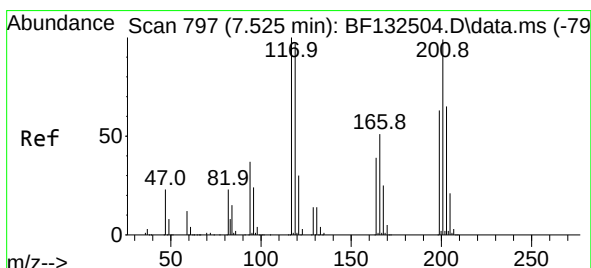
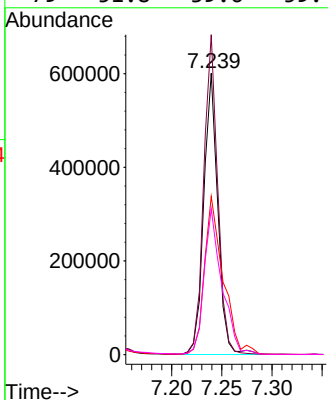
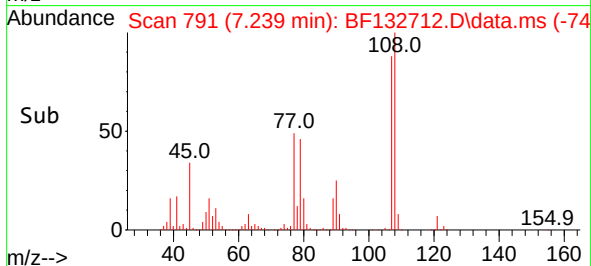
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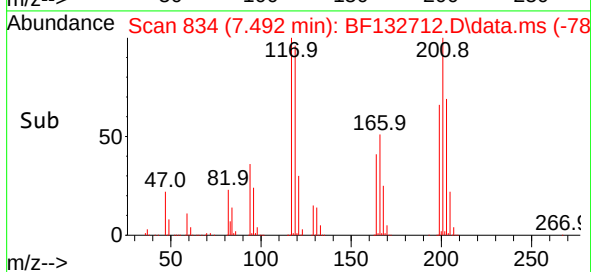
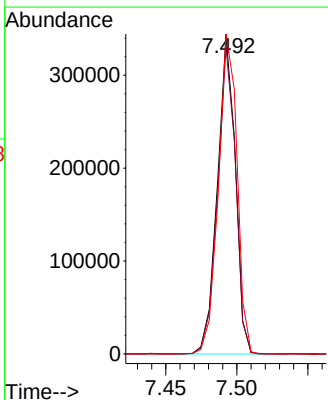
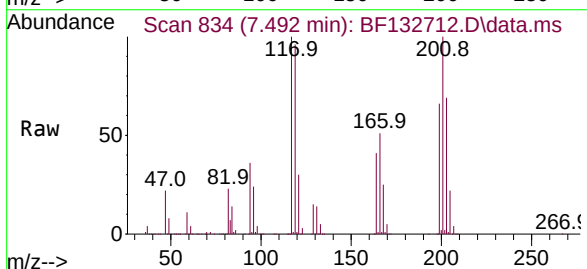
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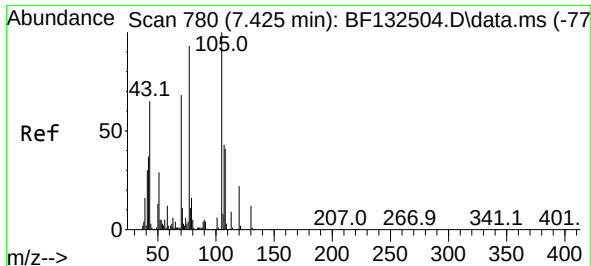
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#18
Hexachloroethane
Concen: 45.071 ng
RT: 7.492 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

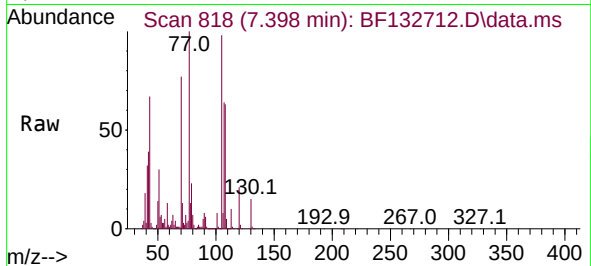
Tgt Ion:117 Resp: 302069
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
201 100.4 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.787 ng
RT: 7.398 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



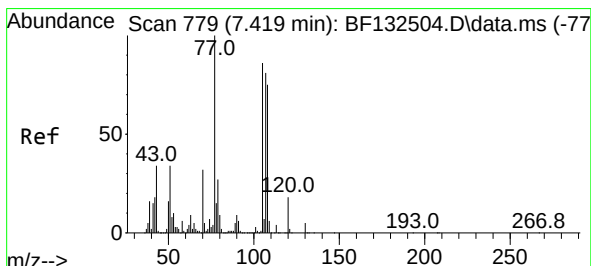
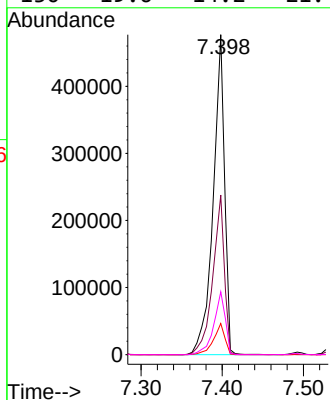
Tgt Ion: 70 Resp: 46818
Ion Ratio Lower Upper
70 100
42 49.9 44.1 66.1
101 9.7 7.4 11.2
130 19.6 14.2 21.4

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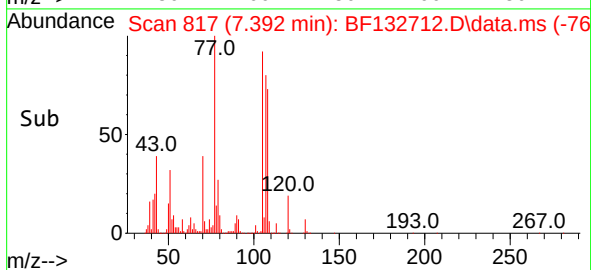
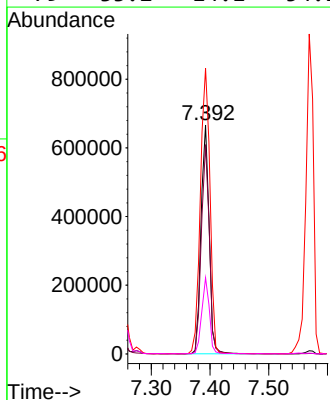
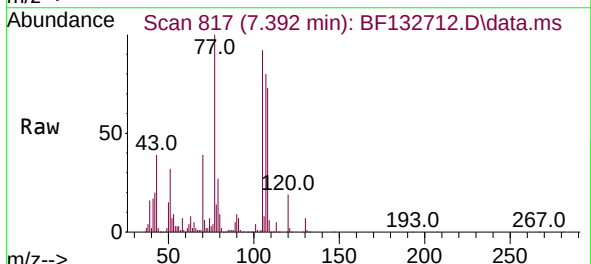
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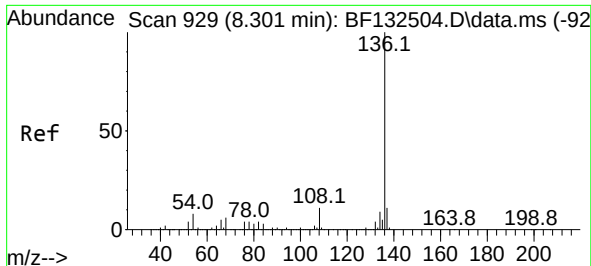
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#20
3+4-Methylphenols
Concen: 32.941 ng
RT: 7.392 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:107 Resp: 635879
Ion Ratio Lower Upper
107 100
108 91.4 72.6 112.6
77 124.8 104.0 144.0
79 33.2 14.1 54.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:136 Resp: 945632
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.4 6.2 9.4
68 6.5 5.2 7.8

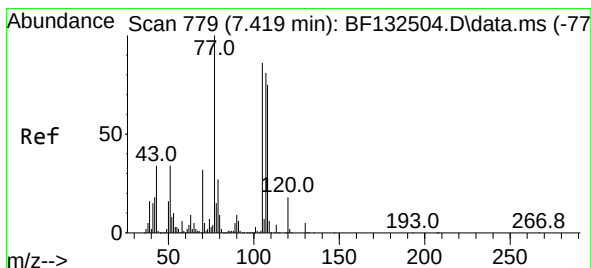
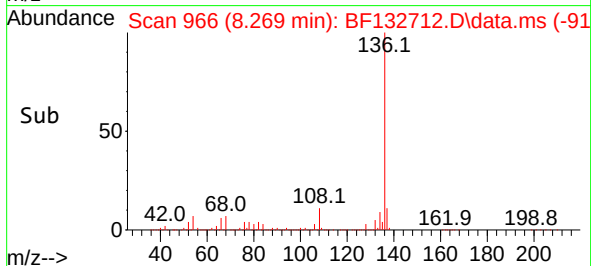
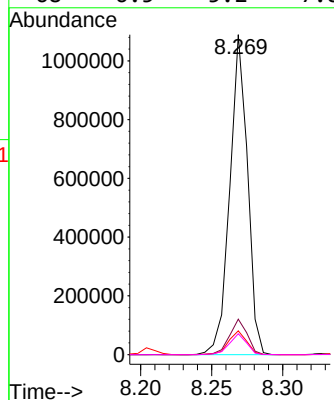
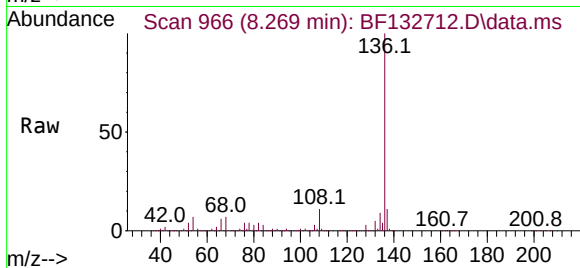
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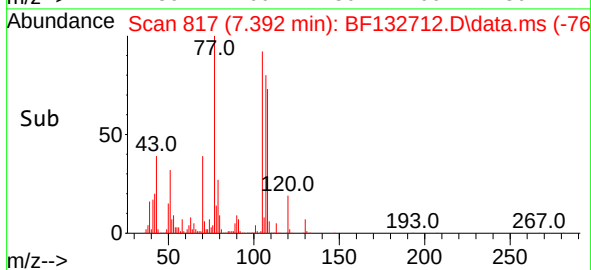
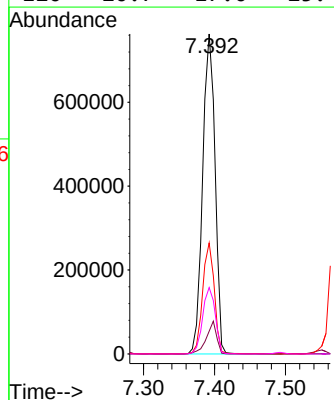
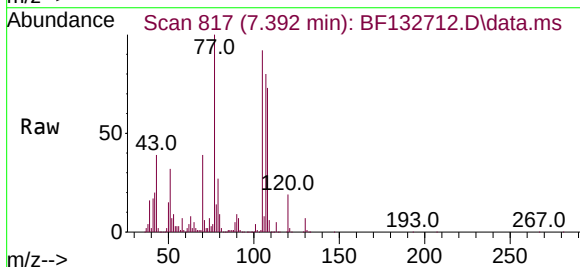
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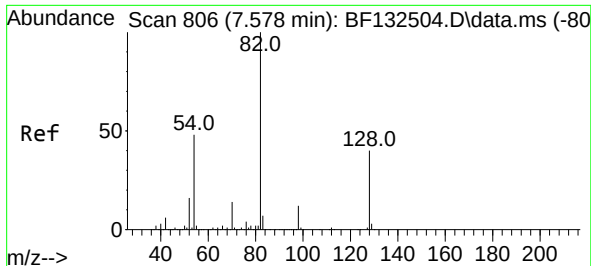
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#22
Acetophenone
Concen: 38.590 ng
RT: 7.392 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:105 Resp: 920168
Ion Ratio Lower Upper
105 100
71 7.1 5.0 7.4
51 34.7 31.5 47.3
120 20.7 17.0 25.4





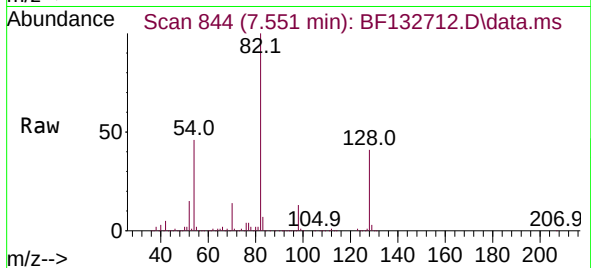
#23
Nitrobenzene-d5
Concen: 61.325 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion: 82 Resp: 1222301
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 46.3 38.4 57.6

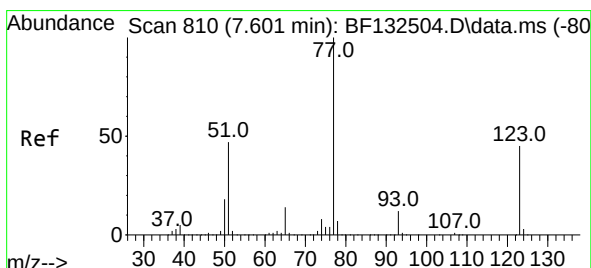
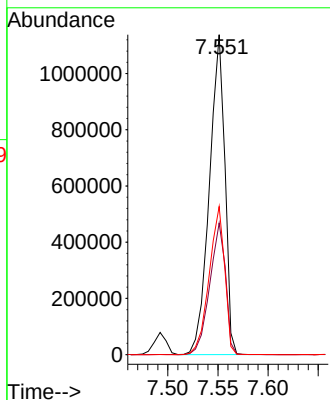
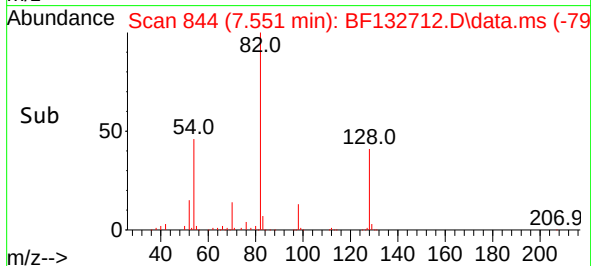
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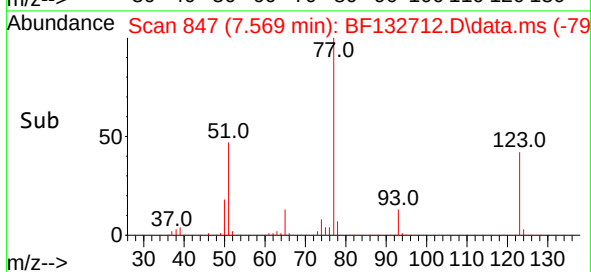
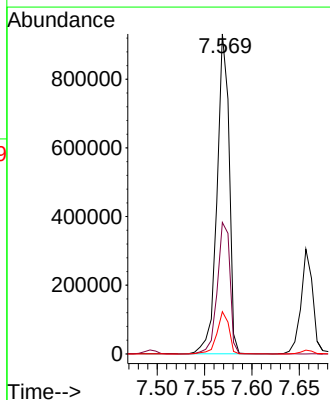
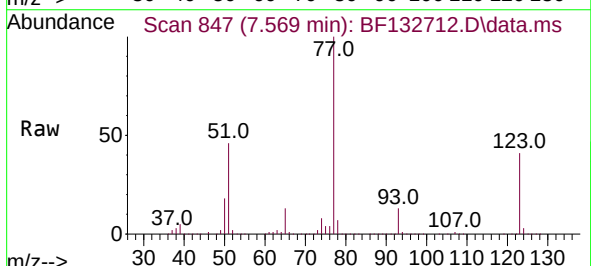
Supervised By :Jagrut
Upadhyay

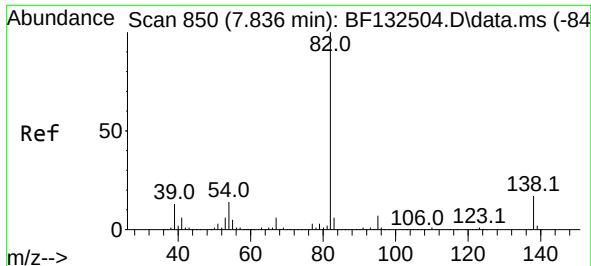
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#24
Nitrobenzene
Concen: 38.754 ng
RT: 7.569 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion: 77 Resp: 826085
Ion Ratio Lower Upper
77 100
123 41.1 35.8 53.6
65 13.2 10.9 16.3





#25
Isophorone
Concen: 39.510 ng
RT: 7.804 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion: 82 Resp: 150979
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 16.0 13.3 19.9

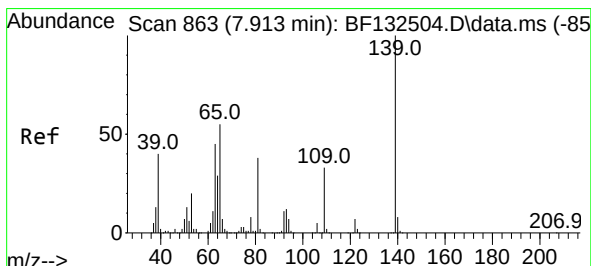
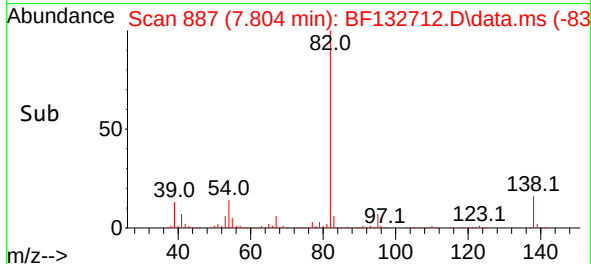
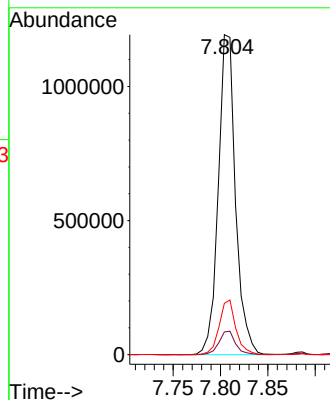
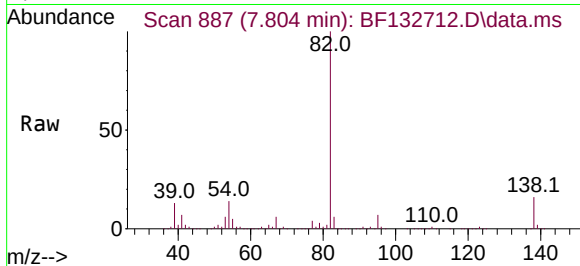
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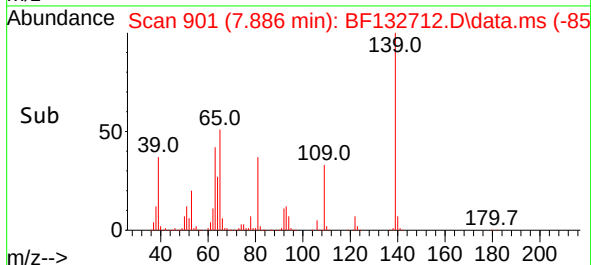
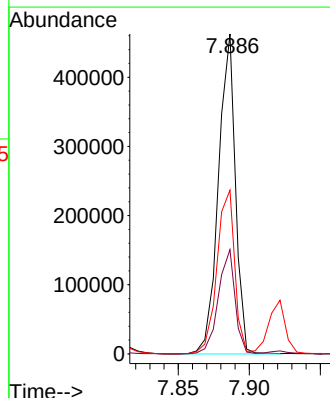
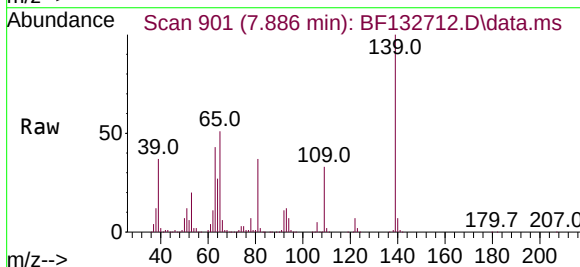
Supervised By :Jagrut
Upadhyay

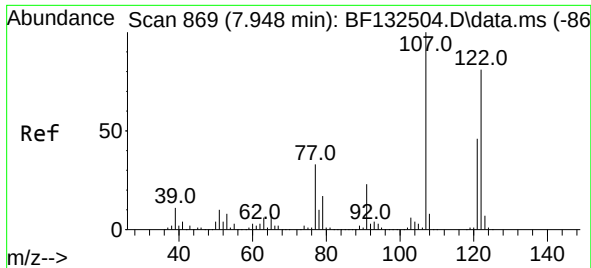
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#26
2-Nitrophenol
Concen: 41.050 ng
RT: 7.886 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:139 Resp: 386081
Ion Ratio Lower Upper
139 100
109 32.6 26.2 39.2
65 51.2 43.8 65.8





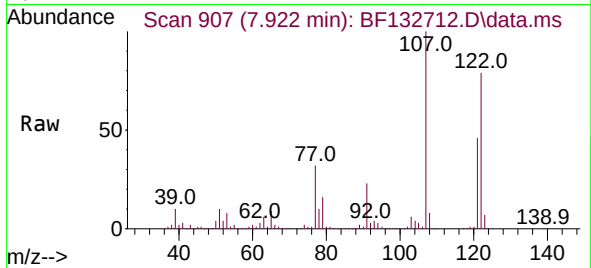
#27
2,4-Dimethylphenol
Concen: 40.150 ng
RT: 7.922 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion:122 Resp: 595989
Ion Ratio Lower Upper
122 100
107 126.0 98.7 148.1
121 58.1 45.8 68.6

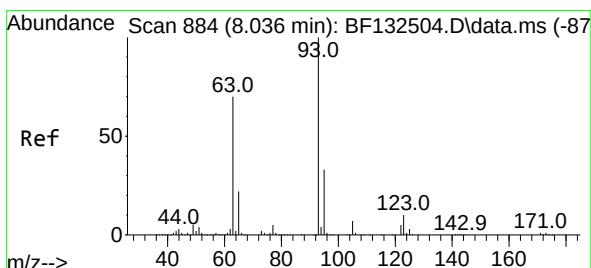
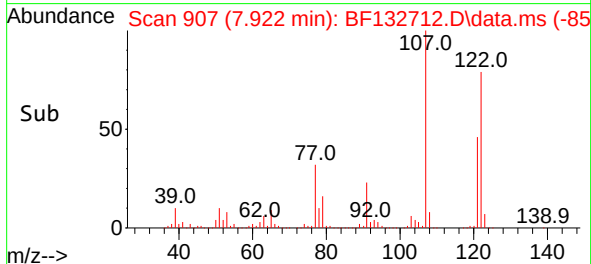
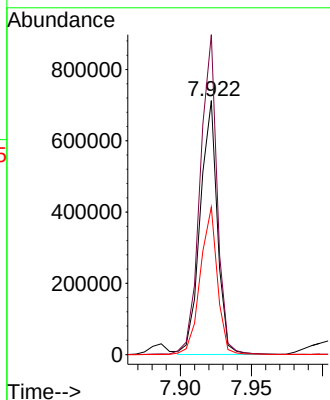
Manual Integrations
APPROVED

Reviewed By :Christian
Giraldo

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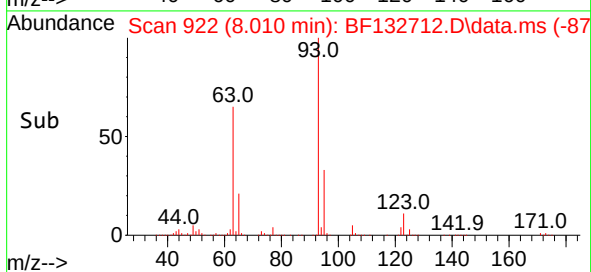
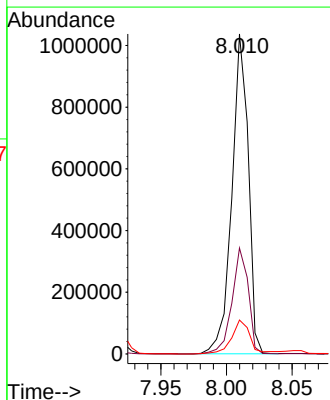
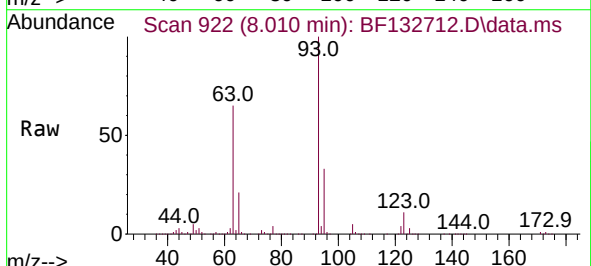
Supervised By :Jagrut
Upadhyay

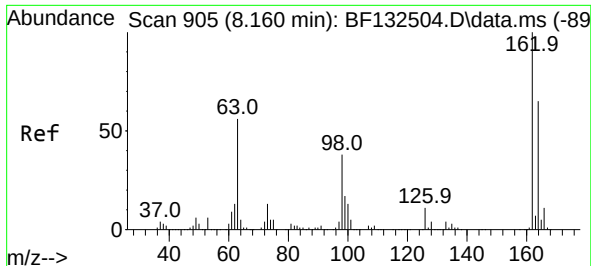
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#28
bis(2-Chloroethoxy)methane
Concen: 40.411 ng
RT: 8.010 min Scan# 922
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion: 93 Resp: 903357
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 40.792 ng

RT: 8.128 min Scan# 942

Delta R.T. -0.006 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:162	Resp: 60233
Ion Ratio	Lower Upper
162 100	
164 64.6	45.3 85.3
98 40.5	17.9 57.9

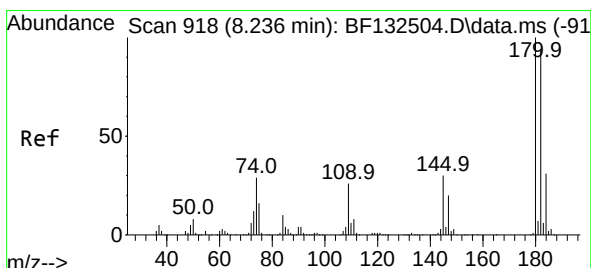
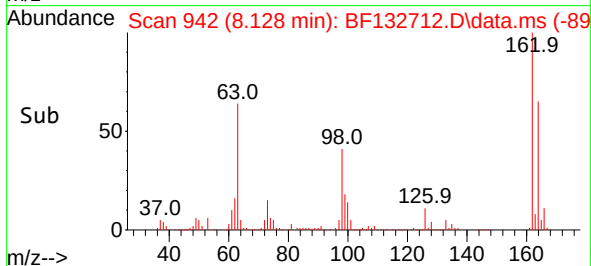
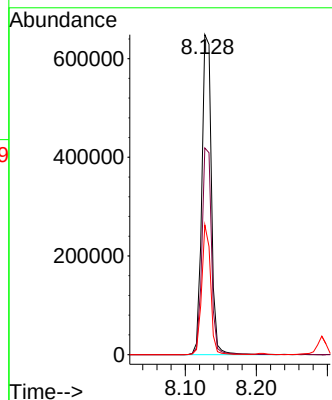
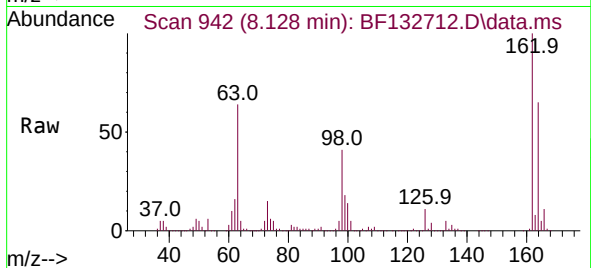
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Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 43.160 ng

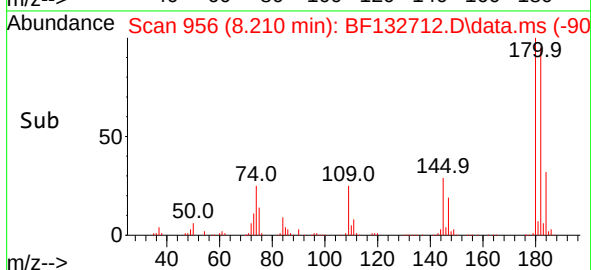
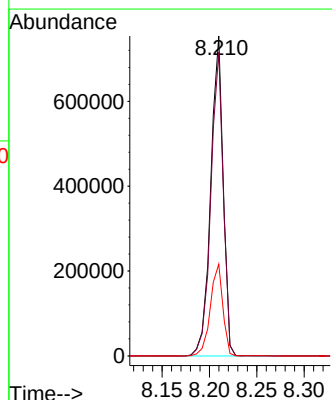
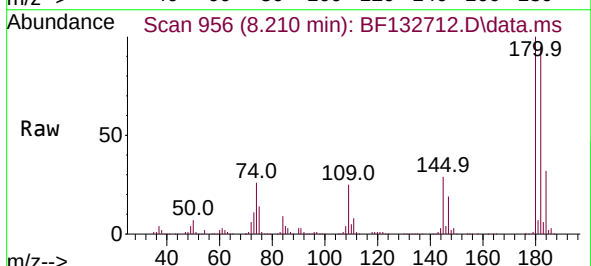
RT: 8.210 min Scan# 956

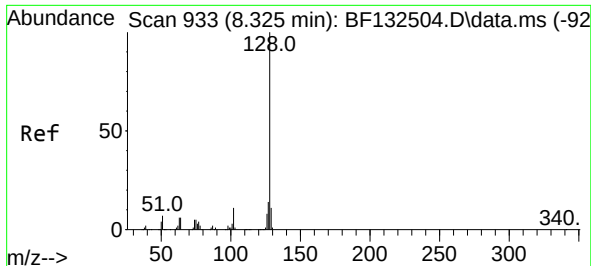
Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

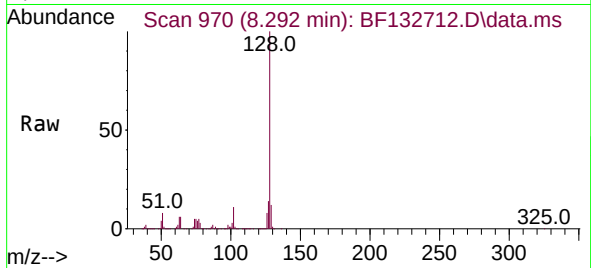
Tgt Ion:180	Resp: 692024
Ion Ratio	Lower Upper
180 100	
182 94.9	75.1 112.7
145 28.7	23.8 35.6





#31
Naphthalene
Concen: 39.432 ng
RT: 8.292 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



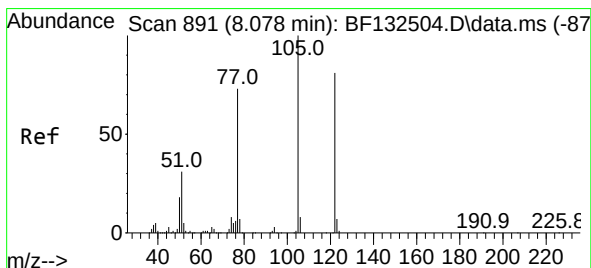
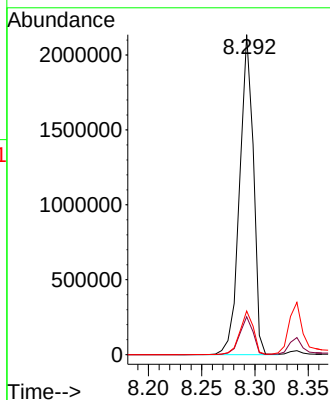
Tgt Ion:128 Resp: 1908936
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 11.0 16.6

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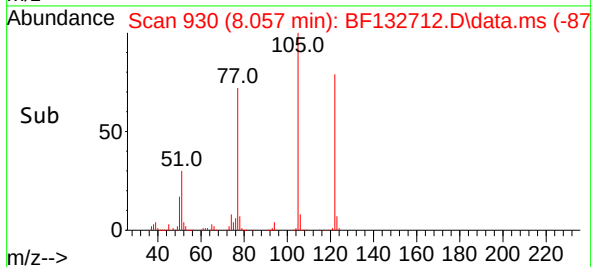
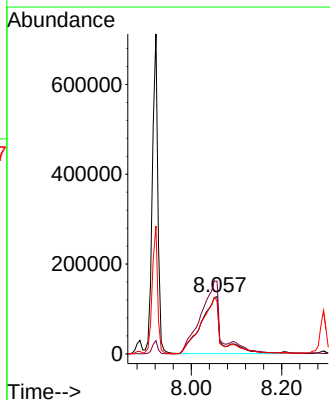
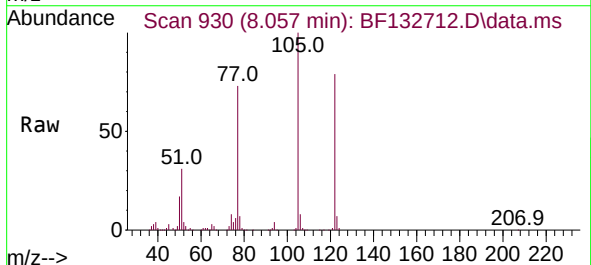
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Supervised By :Jagrut
Upadhyay

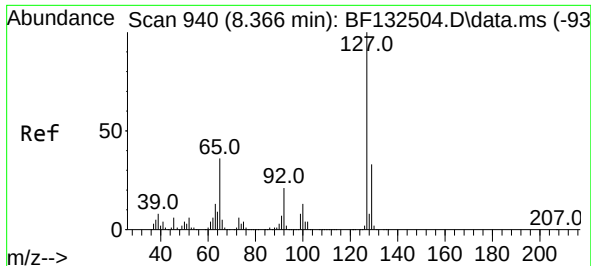
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#32
Benzoic acid
Concen: 35.582 ng m
RT: 8.057 min Scan# 930
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:122 Resp: 403603
Ion Ratio Lower Upper
122 100
105 127.3 102.6 142.6
77 92.4 70.2 110.2





#33
4-Chloroaniline
Concen: 17.720 ng
RT: 8.339 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:127 Resp: 367595
Ion Ratio Lower Upper
127 100
129 32.7 26.4 39.6
65 30.2 28.8 43.2
92 18.8 17.1 25.7

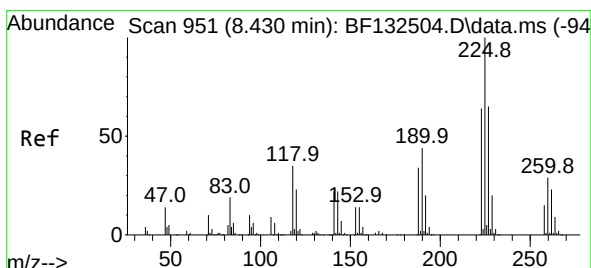
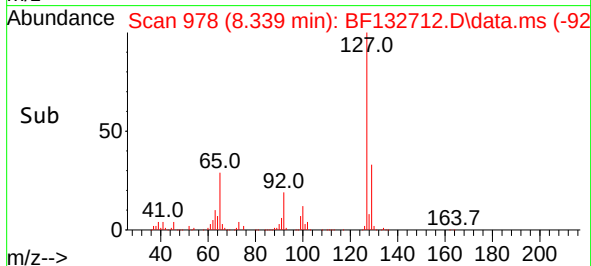
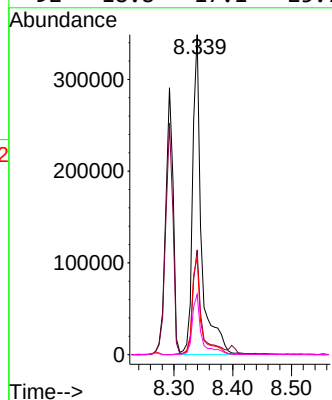
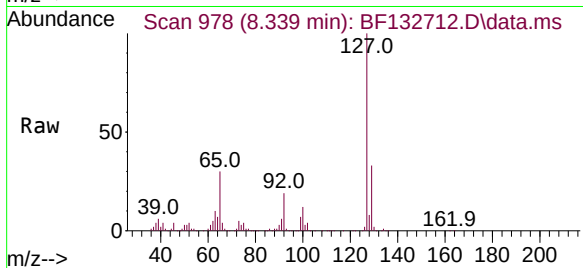
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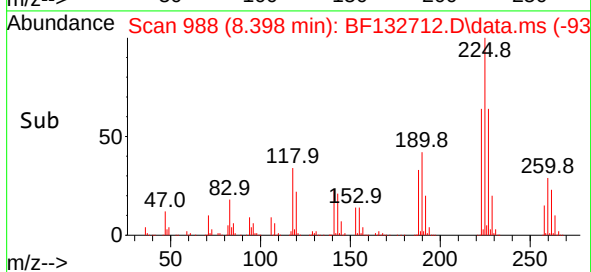
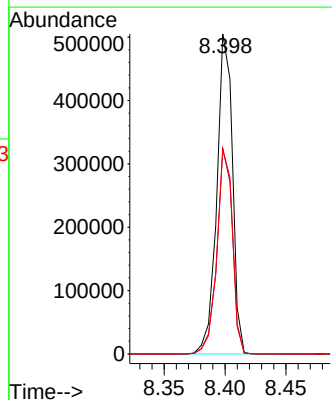
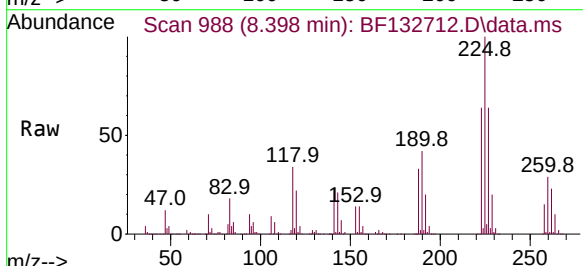
Supervised By :Jagrut
Upadhyay

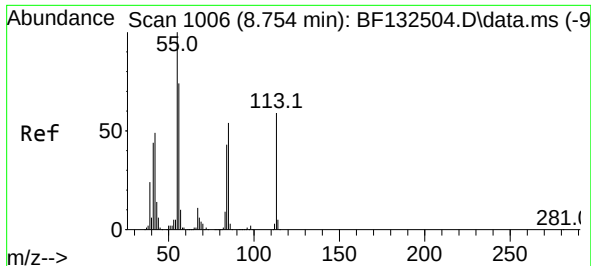
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#34
Hexachlorobutadiene
Concen: 44.271 ng
RT: 8.398 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

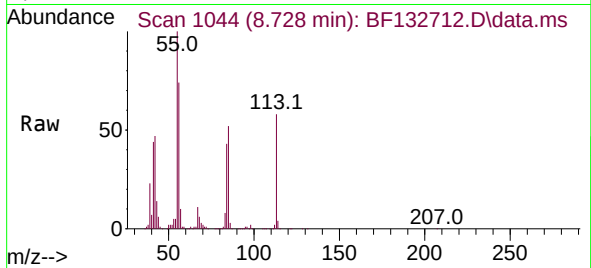
Tgt Ion:225 Resp: 451068
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.4
227 64.0 51.7 77.5





#35
Caprolactam
Concen: 45.114 ng m
RT: 8.728 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



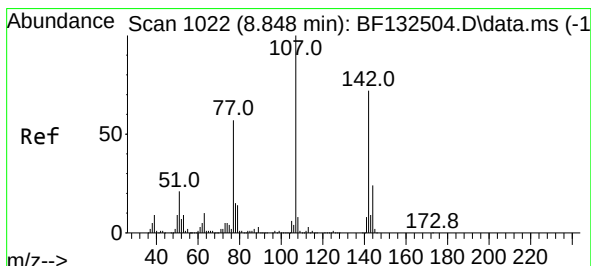
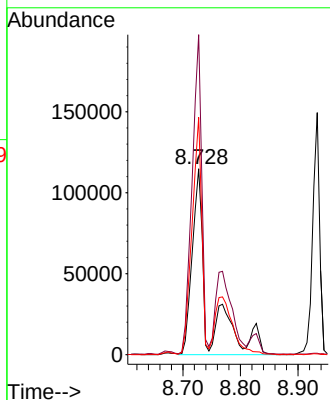
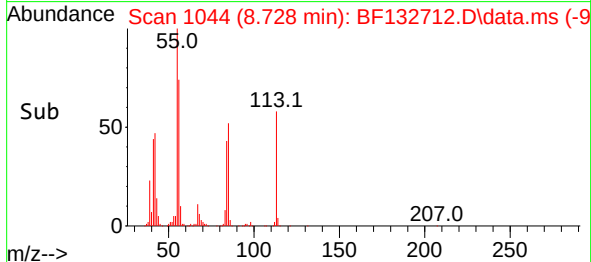
Tgt Ion:113 Resp: 219616
Ion Ratio Lower Upper
113 100
55 172.3 149.4 189.4
56 127.7 105.0 145.0

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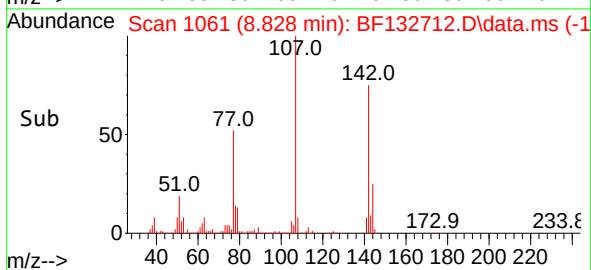
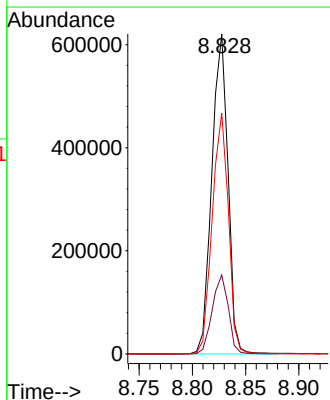
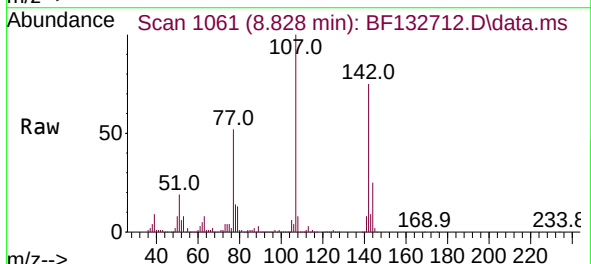
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Upadhyay

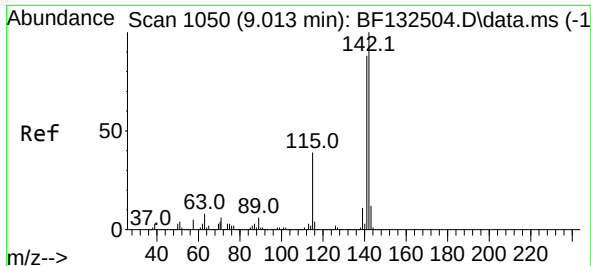
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#36
4-Chloro-3-methylphenol
Concen: 40.480 ng
RT: 8.828 min Scan# 1061
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:107 Resp: 656437
Ion Ratio Lower Upper
107 100
144 24.7 18.9 28.3
142 75.3 57.9 86.9





#37
2-Methylnaphthalene
Concen: 38.292 ng
RT: 8.986 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS

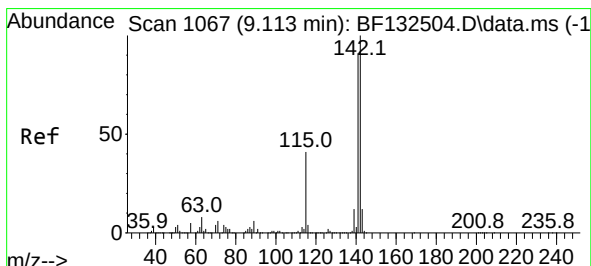
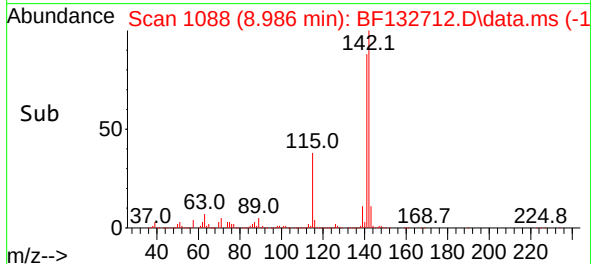
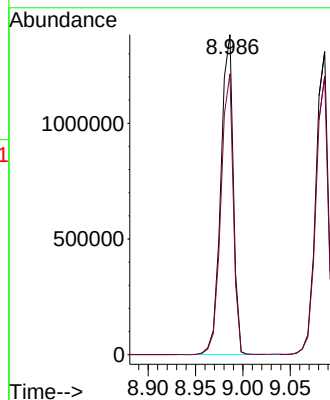
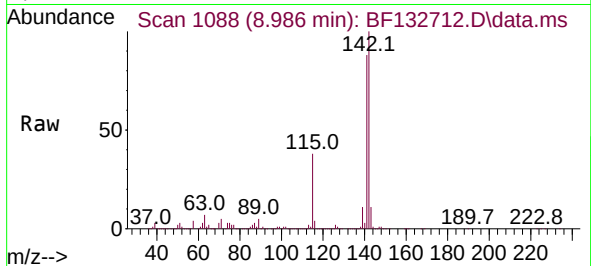
Tgt Ion:142 Resp: 1263289
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.2

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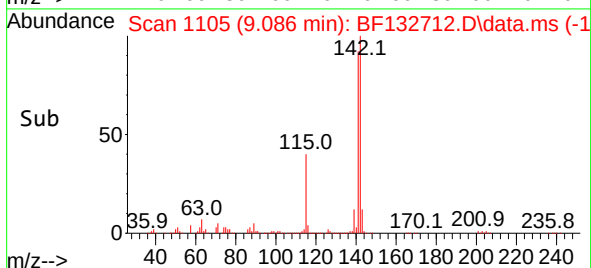
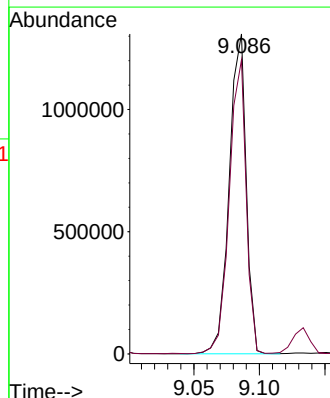
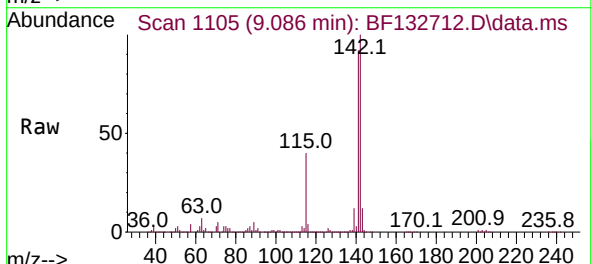
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Upadhyay

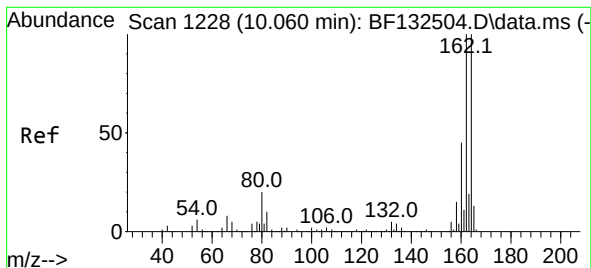
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#38
1-Methylnaphthalene
Concen: 38.357 ng
RT: 9.086 min Scan# 1105
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:142 Resp: 1182603
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132712.D

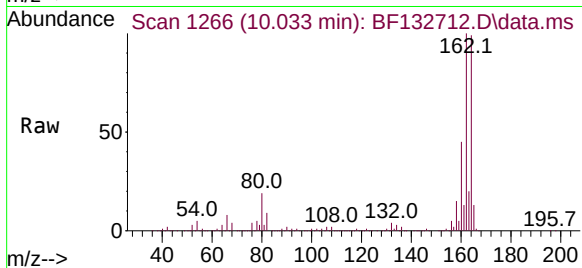
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:164 Resp: 501324

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 46.0 35.8 53.6

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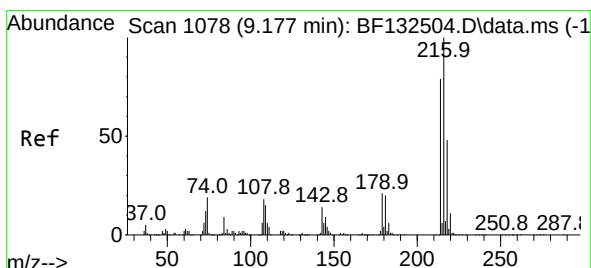
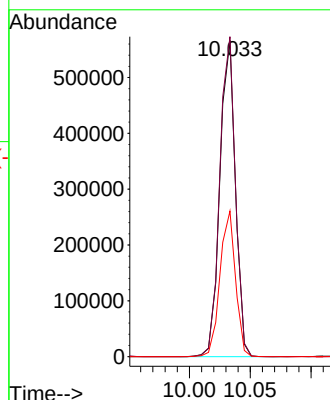
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.598 ng

RT: 9.151 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Tgt Ion:216 Resp: 698696

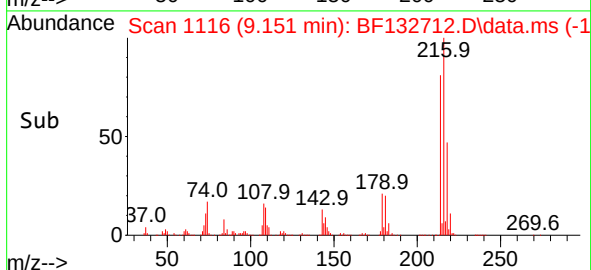
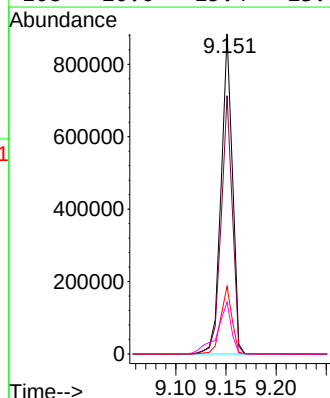
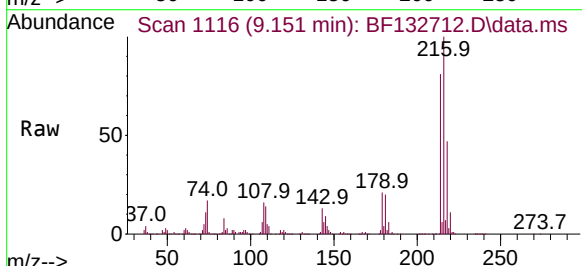
Ion Ratio Lower Upper

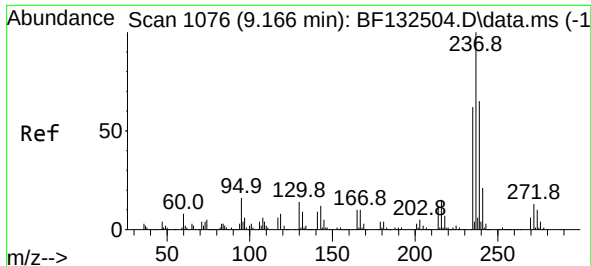
216 100

214 79.7 63.0 94.6

179 20.8 16.6 24.8

108 20.0 15.4 23.0





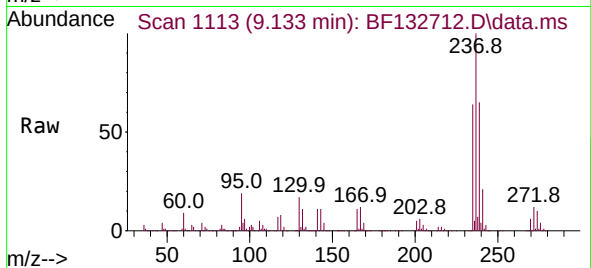
#41
Hexachlorocyclopentadiene
Concen: 98.131 ng
RT: 9.133 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion:237 Resp: 873006
Ion Ratio Lower Upper
237 100
235 63.6 42.4 82.4
272 12.1 0.0 32.7

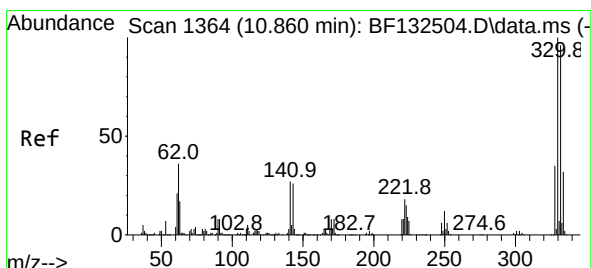
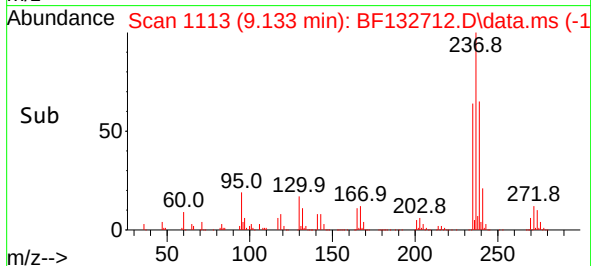
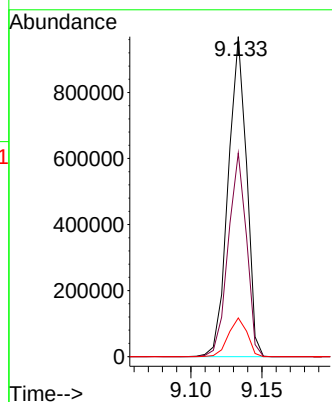
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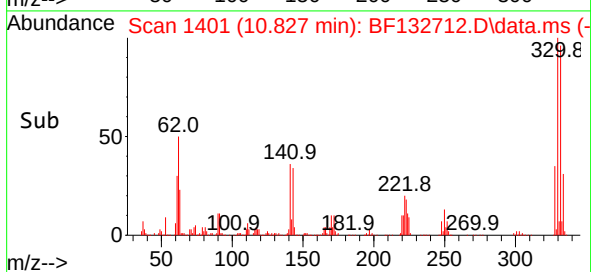
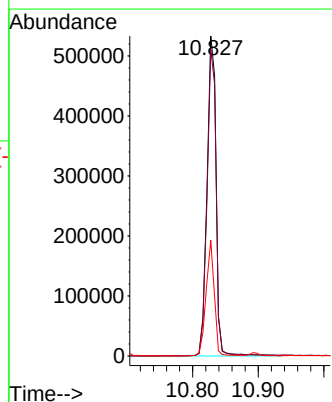
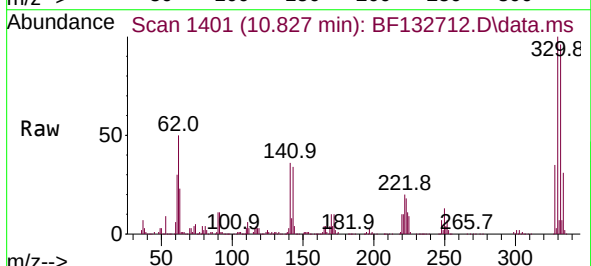
Supervised By :Jagrut
Upadhyay

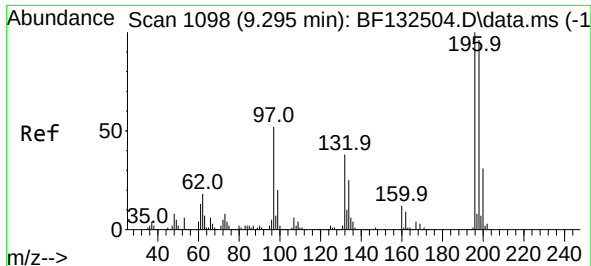
03/10/2023



#42
2,4,6-Tribromophenol
Concen: 93.721 ng
RT: 10.827 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

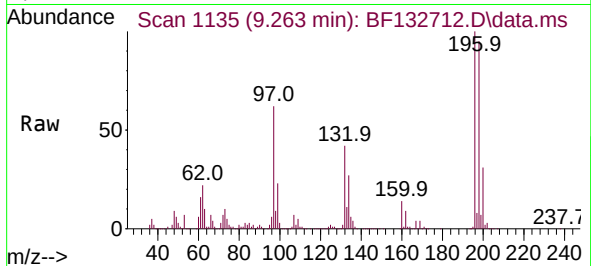
Tgt Ion:330 Resp: 507414
Ion Ratio Lower Upper
330 100
332 96.4 76.2 114.4
141 32.8 28.4 42.6





#43
2,4,6-Trichlorophenol
Concen: 40.746 ng
RT: 9.263 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



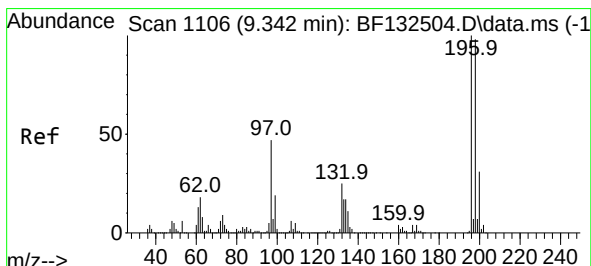
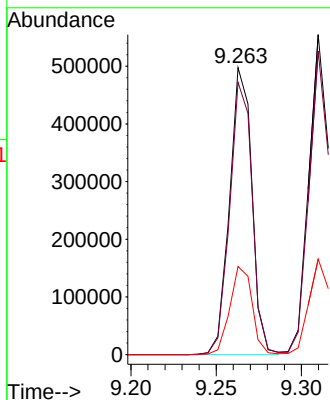
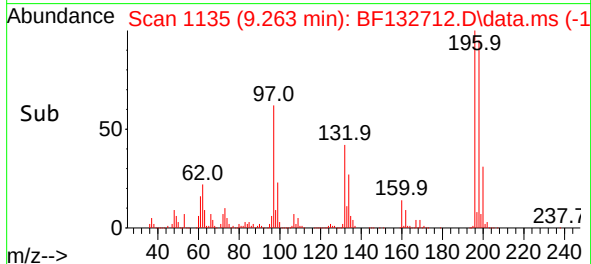
Tgt Ion:196 Resp: 452920
Ion Ratio Lower Upper
196 100
198 94.8 77.1 115.7
200 30.7 25.0 37.4

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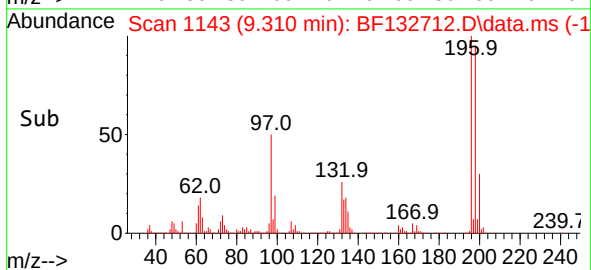
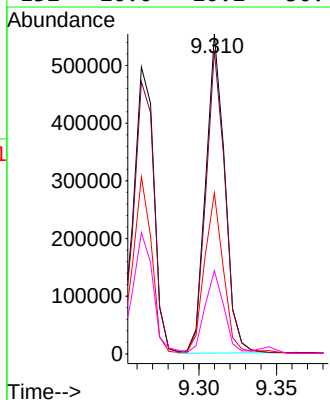
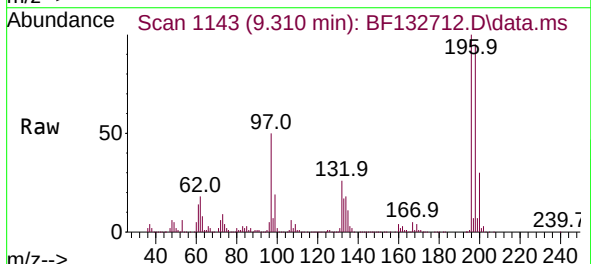
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Supervised By :Jagrut
Upadhyay

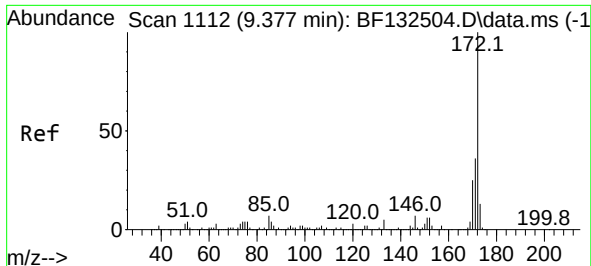
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#44
2,4,5-Trichlorophenol
Concen: 36.549 ng
RT: 9.310 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:196 Resp: 474167
Ion Ratio Lower Upper
196 100
198 94.8 78.3 117.5
97 50.3 38.1 57.1
132 26.0 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 61.647 ng
RT: 9.345 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:172 Resp: 2029683
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.4 19.7 29.5

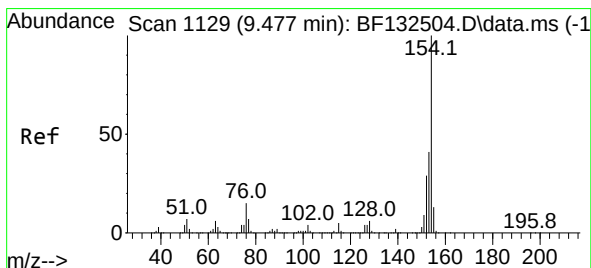
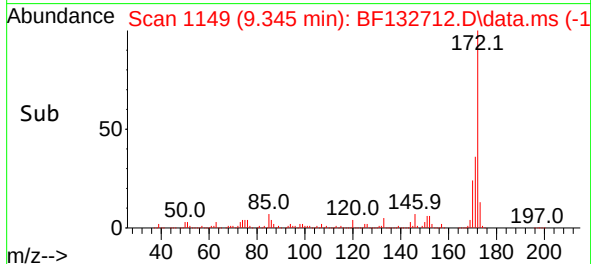
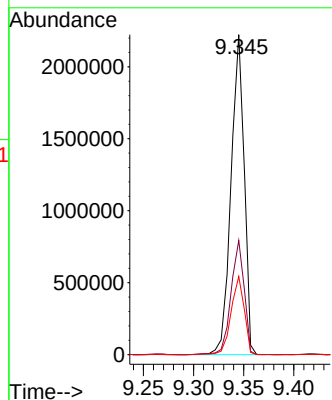
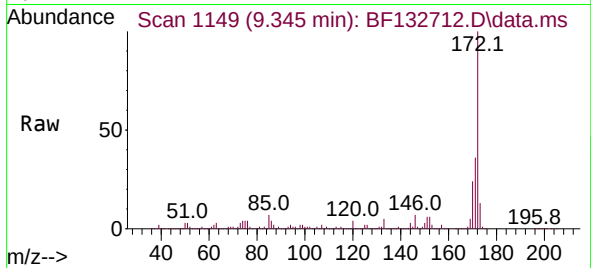
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Reviewed By :Christian
Giraldo

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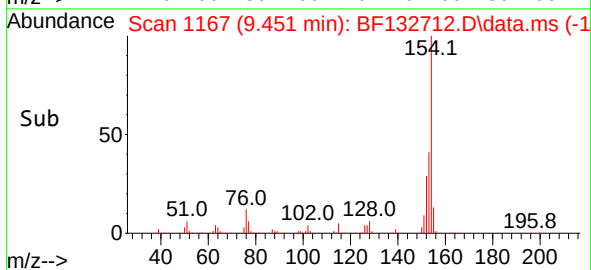
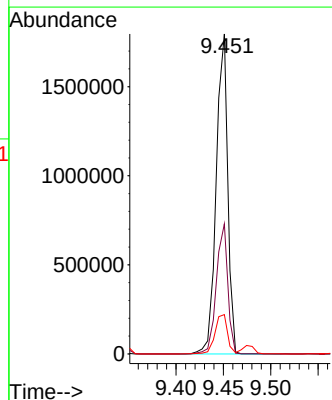
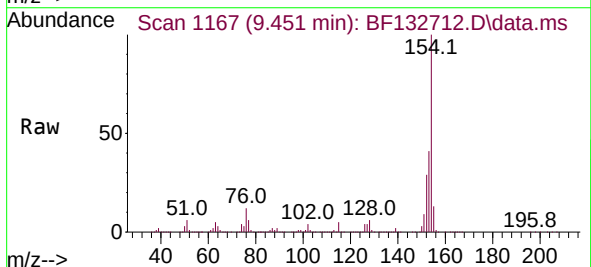
Supervised By :Jagrut
Upadhyay

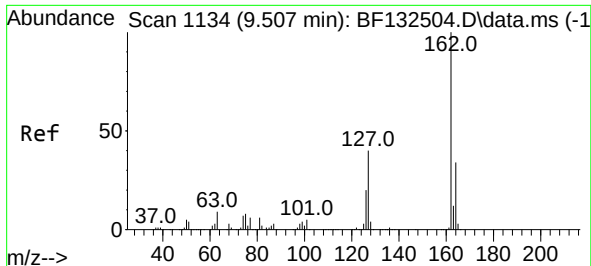
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#46
1,1'-Biphenyl
Concen: 40.014 ng
RT: 9.451 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:154 Resp: 1518315
Ion Ratio Lower Upper
154 100
153 40.6 20.9 60.9
76 12.3 0.0 34.7





#47

2-Chloronaphthalene

Concen: 40.805 ng

RT: 9.480 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:162 Resp: 122759

Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.3	48.5
164	34.3	26.9	40.3

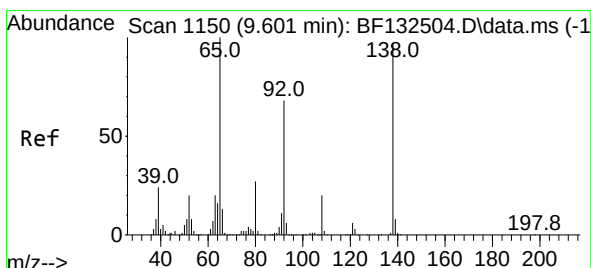
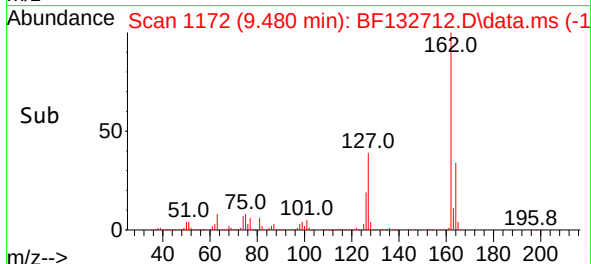
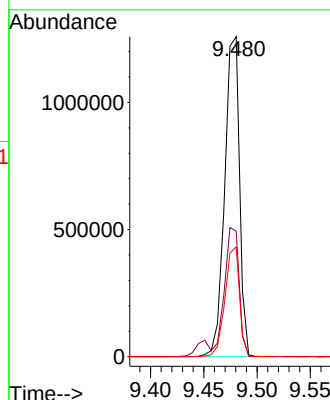
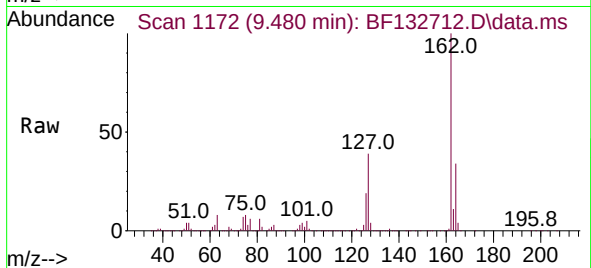
Manual Integrations
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Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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#48

2-Nitroaniline

Concen: 35.940 ng

RT: 9.575 min Scan# 1188

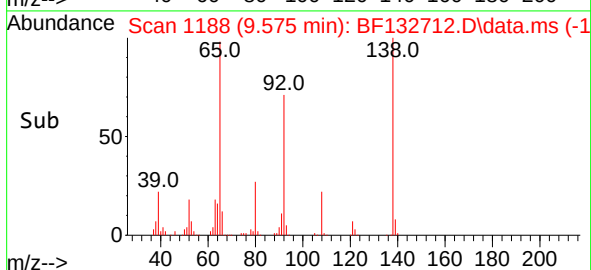
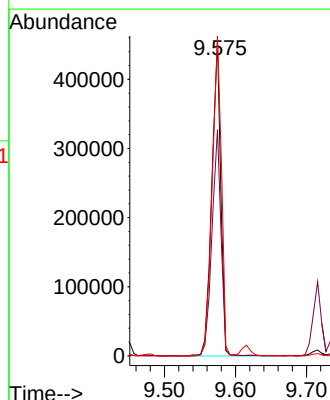
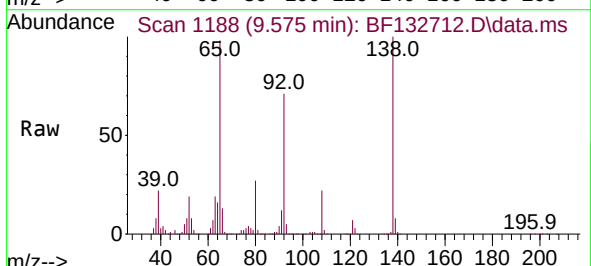
Delta R.T. 0.000 min

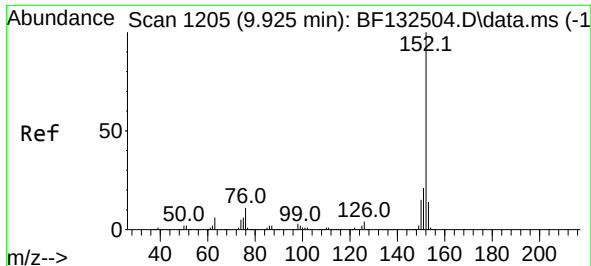
Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Tgt Ion: 65 Resp: 398220

Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.5	81.7
138	101.6	77.2	115.8





#49

Acenaphthylene

Concen: 38.525 ng

RT: 9.892 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF132712.D

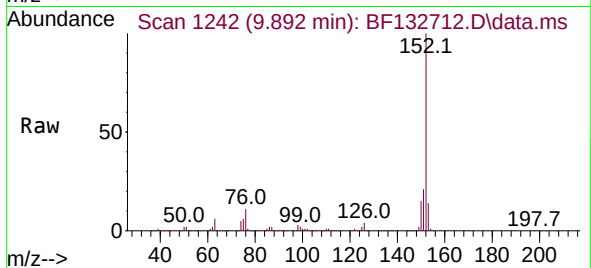
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:152 Resp: 1844576

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.4	24.6
153	13.9	11.0	16.6

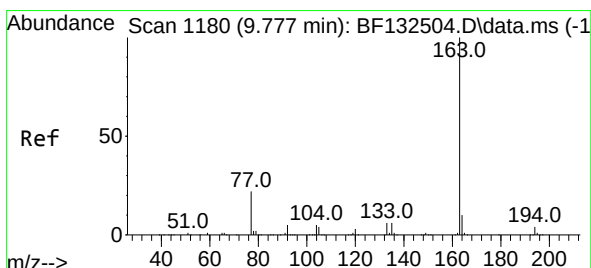
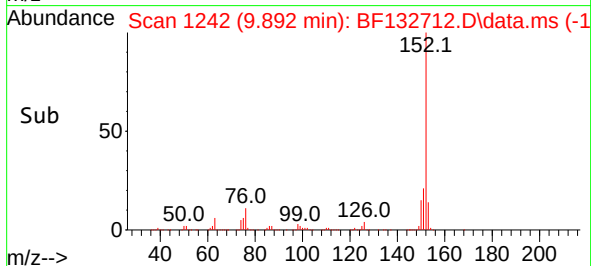
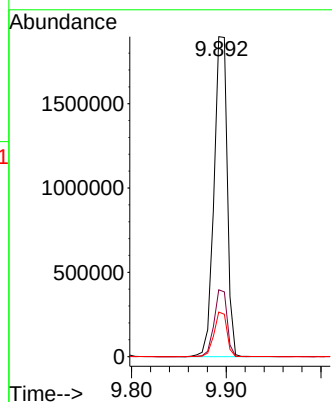
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Giraldo

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Upadhyay

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#50

Dimethylphthalate

Concen: 40.014 ng

RT: 9.751 min Scan# 1218

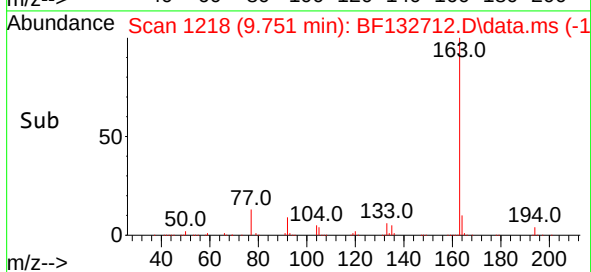
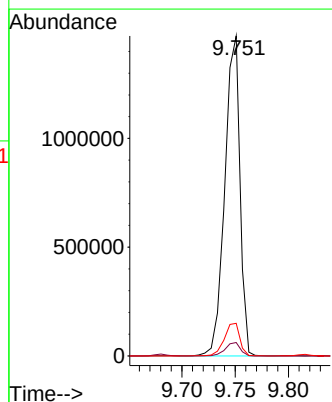
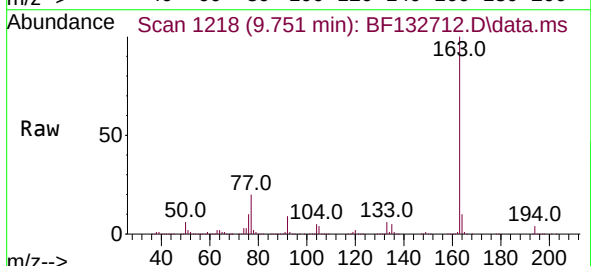
Delta R.T. 0.000 min

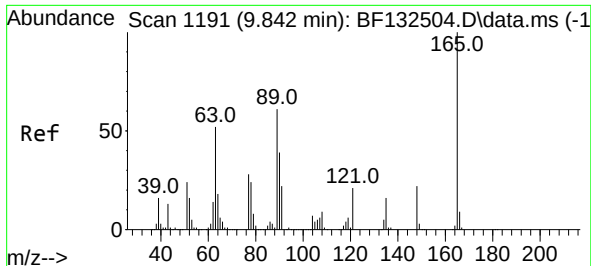
Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Tgt Ion:163 Resp: 1460609

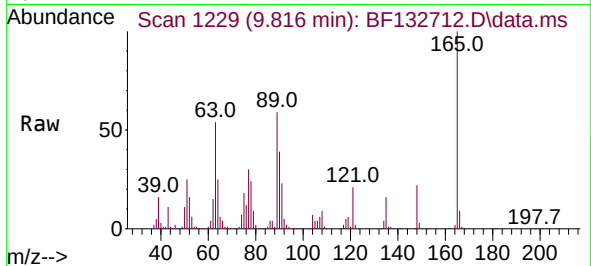
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.2	8.3	12.5





#51
2,6-Dinitrotoluene
Concen: 39.261 ng
RT: 9.816 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



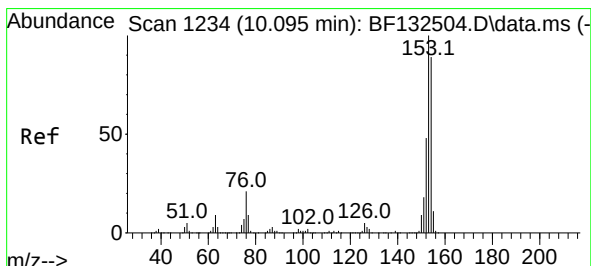
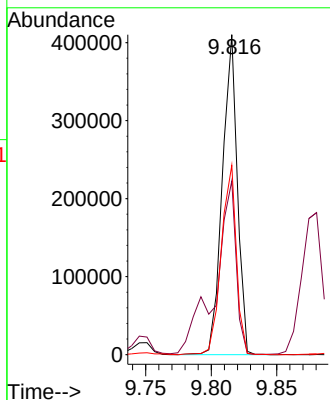
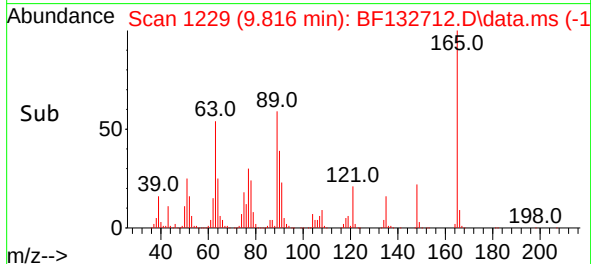
Tgt Ion:165 Resp: 326383
Ion Ratio Lower Upper
165 100
63 54.3 47.3 70.9
89 59.2 48.9 73.3

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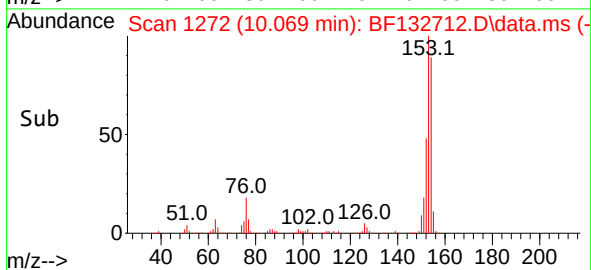
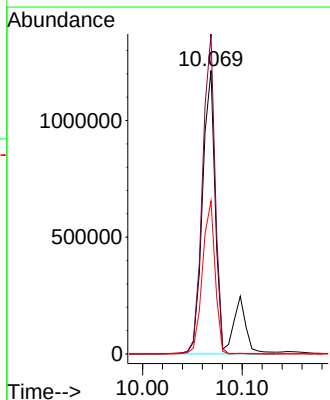
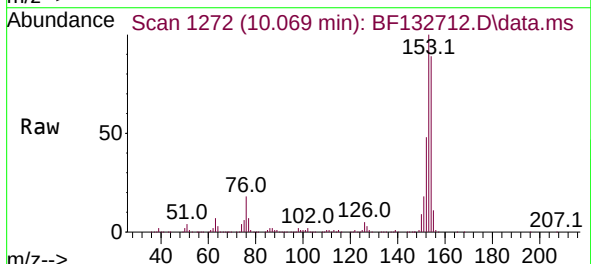
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Supervised By :Jagrut
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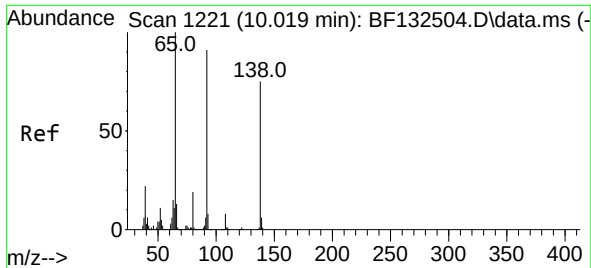
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#52
Acenaphthene
Concen: 42.289 ng m
RT: 10.069 min Scan# 1272
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:154 Resp: 1285706
Ion Ratio Lower Upper
154 100
153 112.9 89.8 134.8
152 54.0 43.3 64.9





#53
3-Nitroaniline
Concen: 25.235 ng
RT: 9.986 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:138 Resp: 234668
Ion Ratio Lower Upper
138 100
108 10.8 8.1 12.1
92 125.5 97.2 145.8

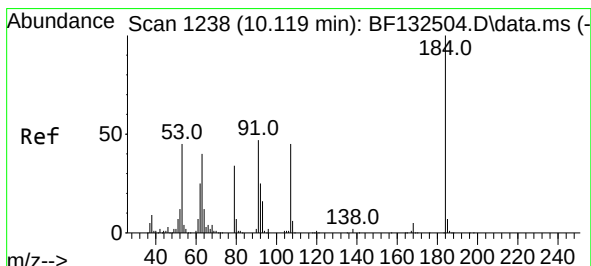
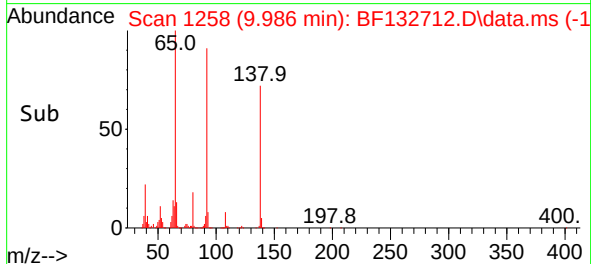
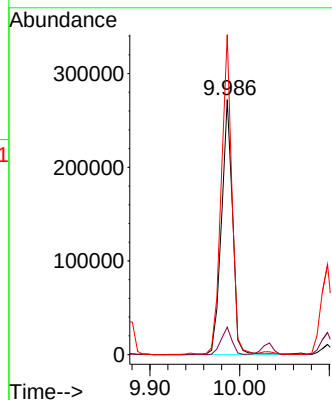
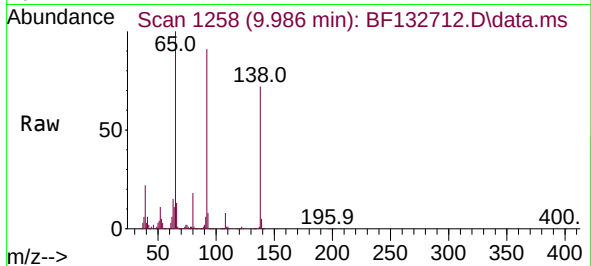
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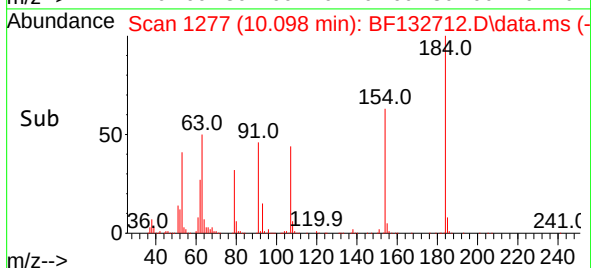
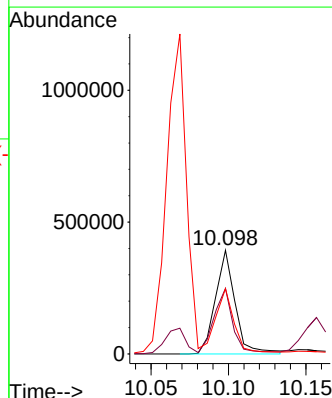
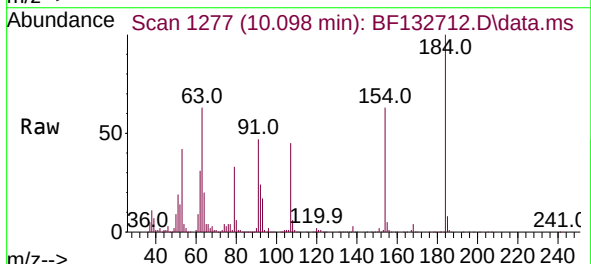
Supervised By :Jagrut
Upadhyay

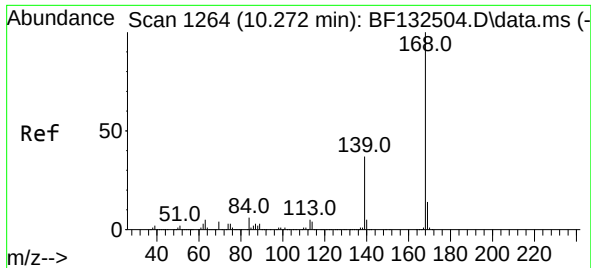
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#54
2,4-Dinitrophenol
Concen: 66.794 ng
RT: 10.098 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

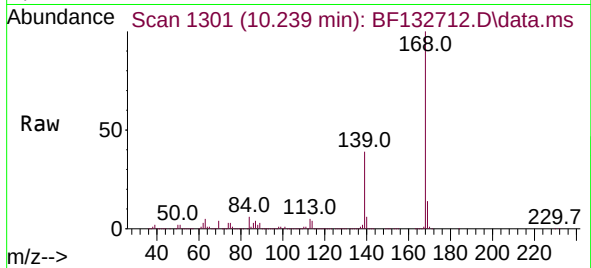
Tgt Ion:184 Resp: 348272
Ion Ratio Lower Upper
184 100
63 63.3 51.4 77.2
154 62.9 48.3 72.5





#55
Dibenzenofuran
Concen: 37.473 ng
RT: 10.239 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



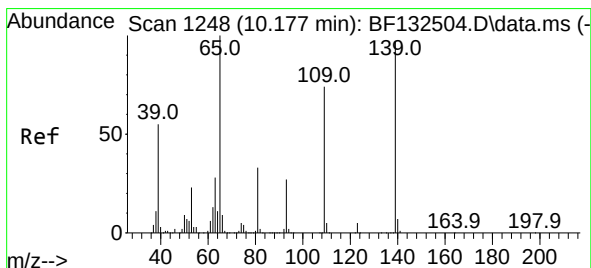
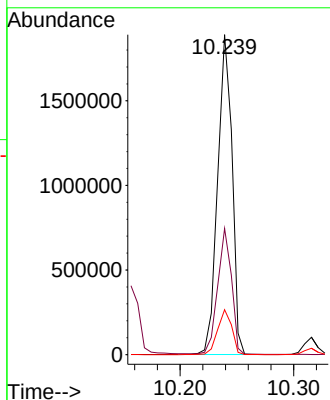
Tgt Ion:168 Resp: 166087
Ion Ratio Lower Upper
168 100
139 39.4 29.8 44.6
169 14.0 10.9 16.3

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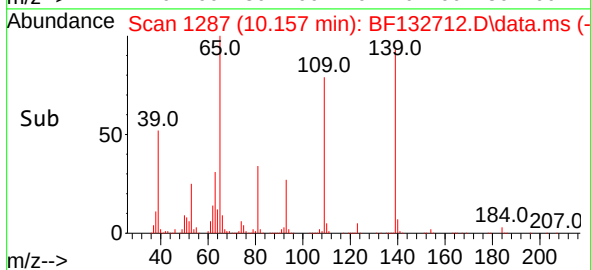
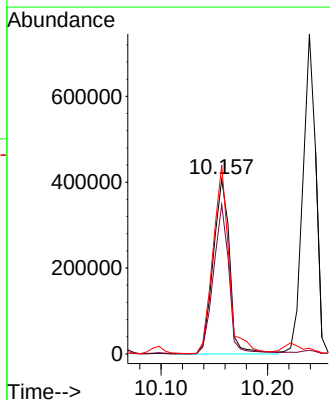
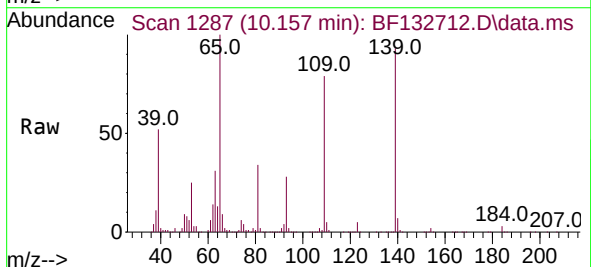
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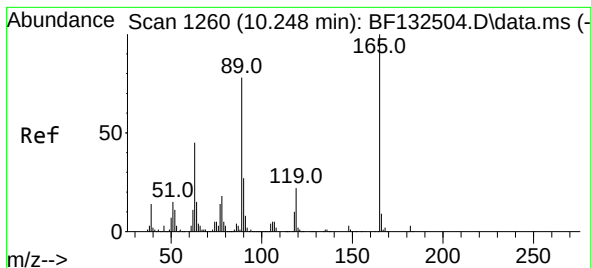
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#56
4-Nitrophenol
Concen: 62.545 ng
RT: 10.157 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:139 Resp: 433754
Ion Ratio Lower Upper
139 100
109 85.4 56.7 96.7
65 108.1 83.5 123.5





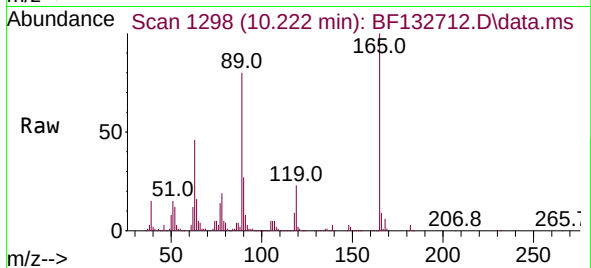
#57
2,4-Dinitrotoluene
Concen: 38.458 ng
RT: 10.222 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion:165 Resp: 425329
Ion Ratio Lower Upper
165 100
63 45.8 36.5 54.7
89 80.0 62.4 93.6
182 2.7 2.1 3.1

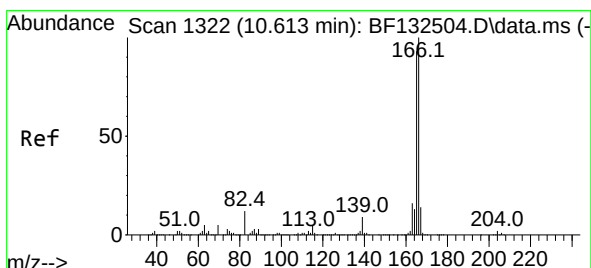
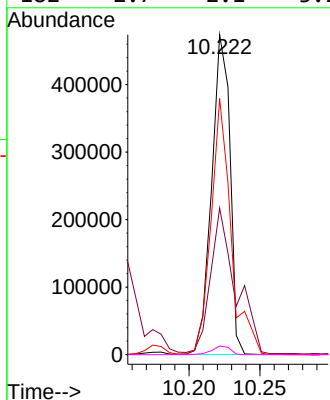
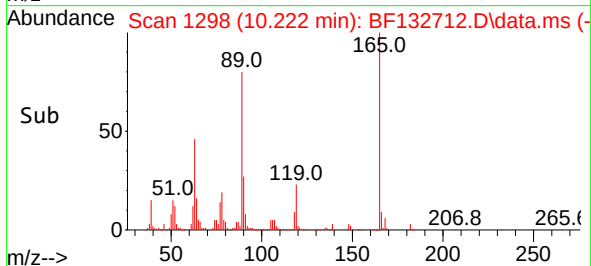
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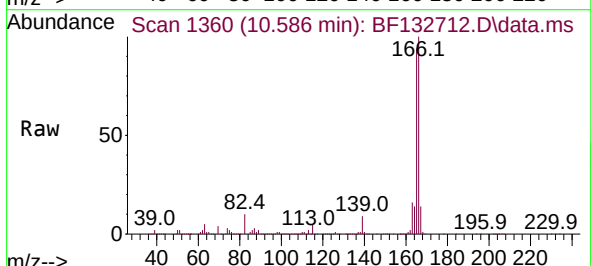
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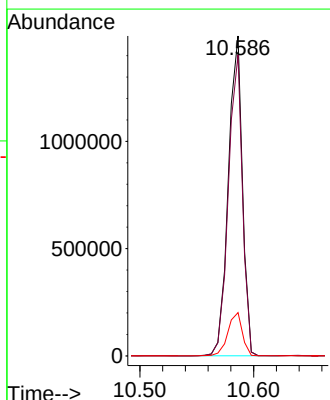
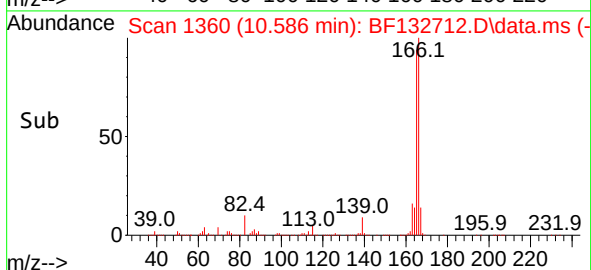
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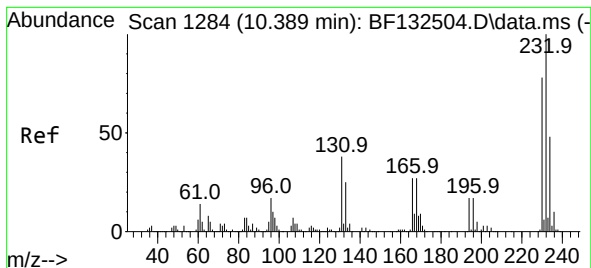


#58
Fluorene
Concen: 37.945 ng
RT: 10.586 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47



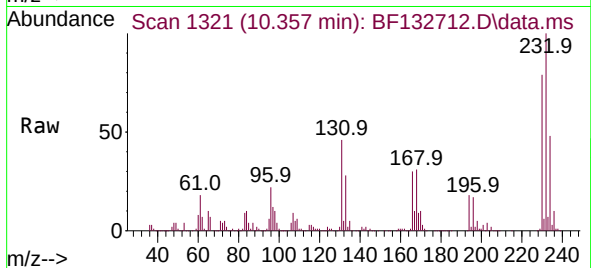
Tgt Ion:166 Resp: 1286418
Ion Ratio Lower Upper
166 100
165 94.1 74.2 111.4
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.135 ng
RT: 10.357 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



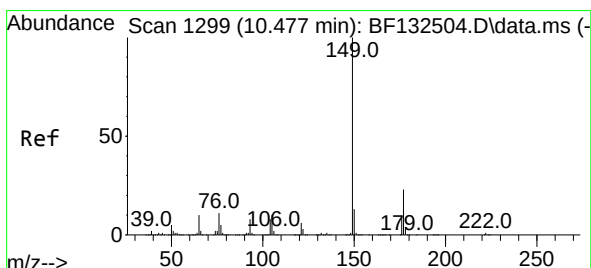
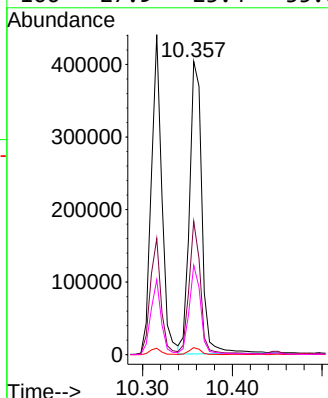
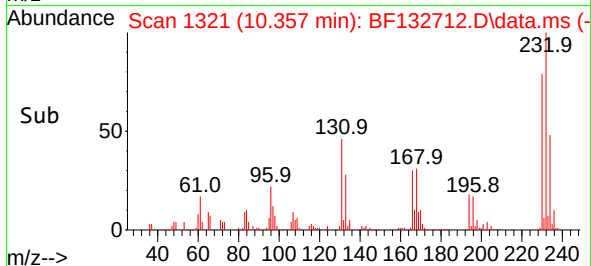
Tgt Ion:232 Resp: 386786
Ion Ratio Lower Upper
232 100
131 41.2 33.8 50.8
130 2.2 1.7 2.5
166 27.9 23.4 35.0

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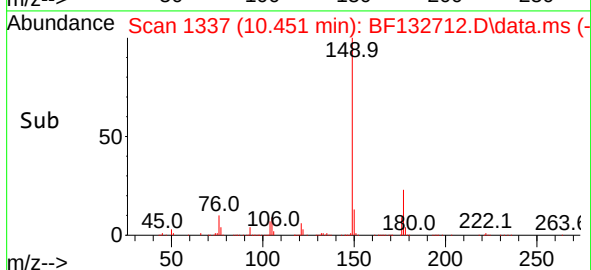
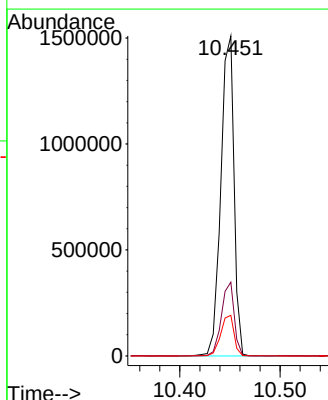
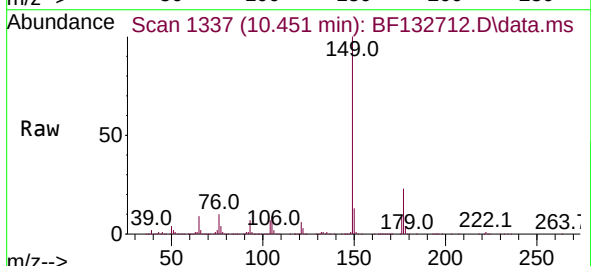
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Upadhyay

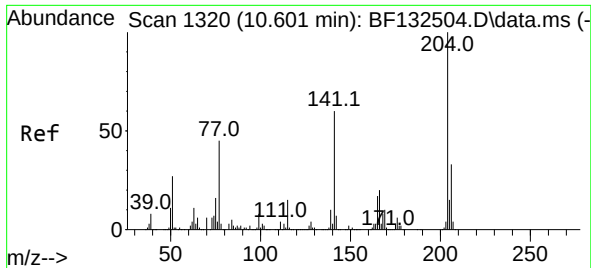
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#60
Diethylphthalate
Concen: 38.799 ng
RT: 10.451 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

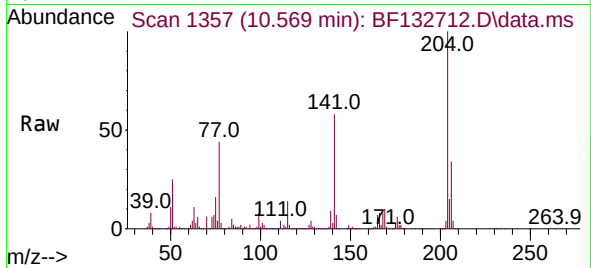
Tgt Ion:149 Resp: 1383184
Ion Ratio Lower Upper
149 100
177 23.0 18.1 27.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 39.722 ng
RT: 10.569 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



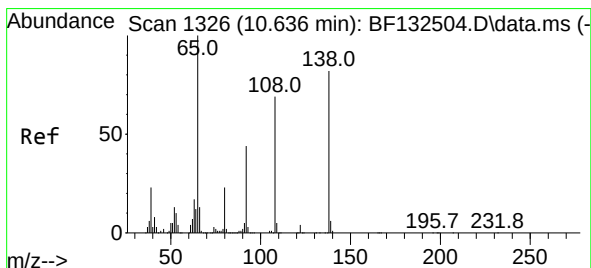
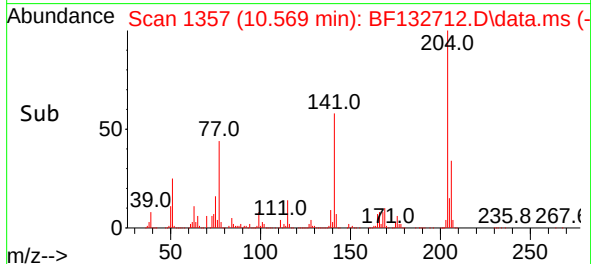
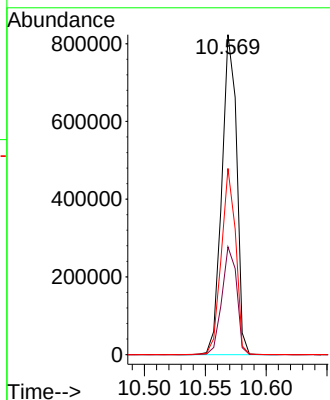
Tgt Ion:204 Resp: 698603
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 58.2 47.8 71.8

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Reviewed By :Christian
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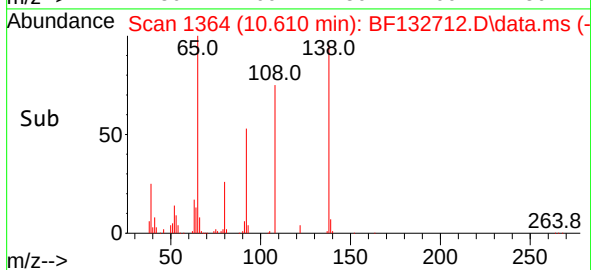
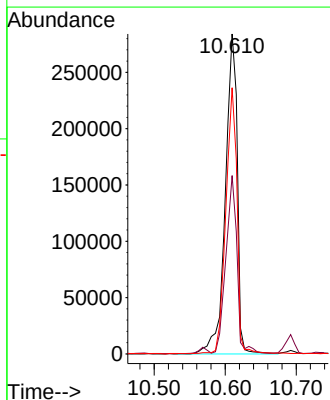
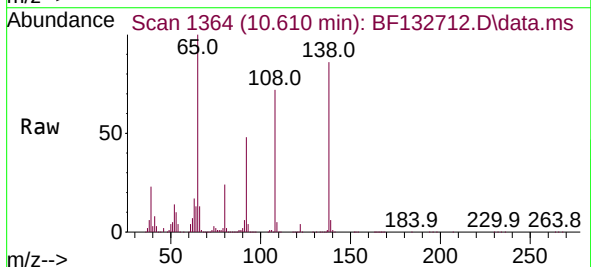
03/10/2023
Supervised By :Jagrut
Upadhyay

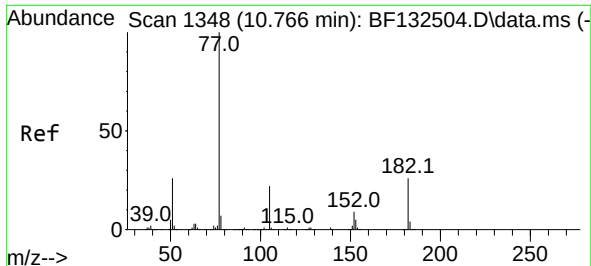
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#62
4-Nitroaniline
Concen: 36.458 ng
RT: 10.610 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

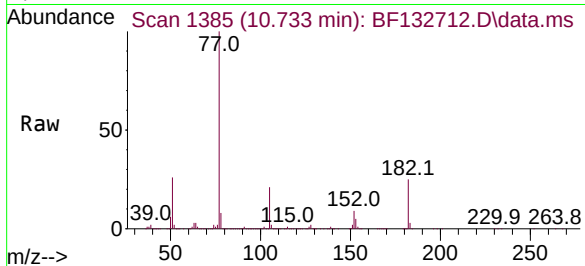
Tgt Ion:138 Resp: 332800
Ion Ratio Lower Upper
138 100
92 55.7 33.8 73.8
108 83.2 63.7 103.7





#63
Azobenzene
Concen: 37.180 ng
RT: 10.733 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



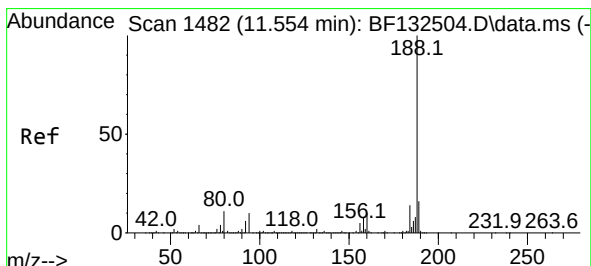
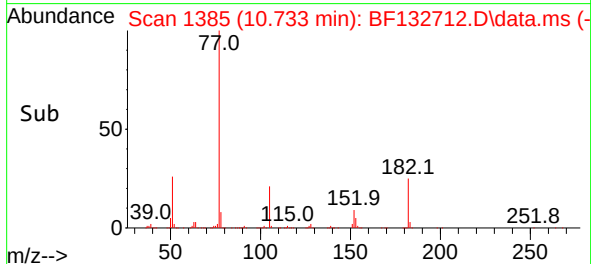
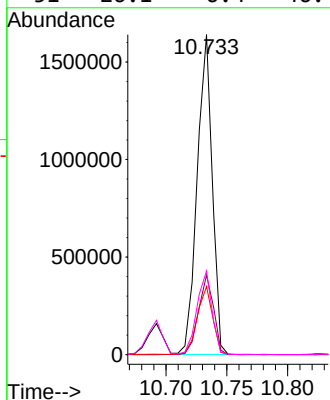
Tgt Ion: 77 Resp: 1403768
Ion Ratio Lower Upper
77 100
182 24.8 5.5 45.5
105 21.3 1.8 41.8
51 26.1 6.4 46.4

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Reviewed By :Christian
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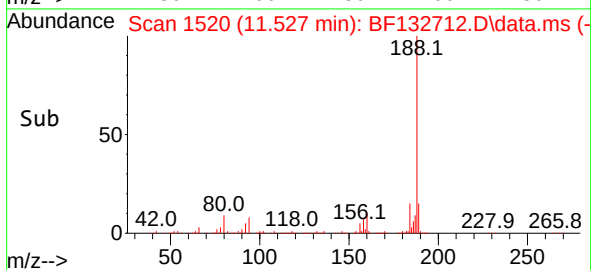
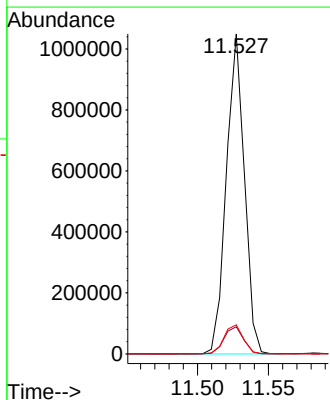
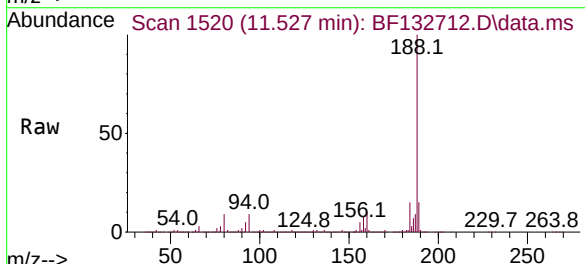
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Supervised By :Jagrut
Upadhyay

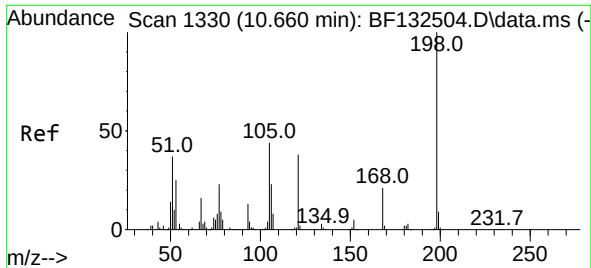
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:188 Resp: 927813
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 9.1 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 38.737 ng
RT: 10.633 min Scan# 1368
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS

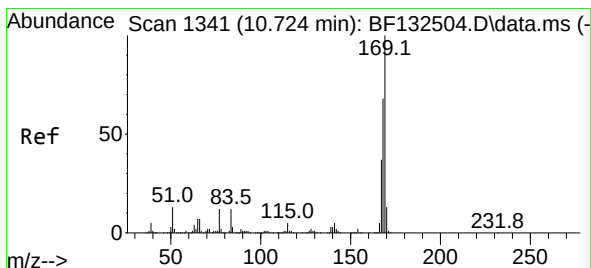
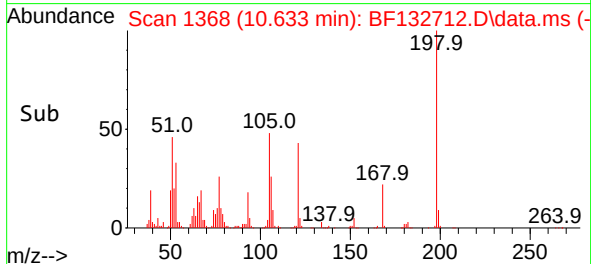
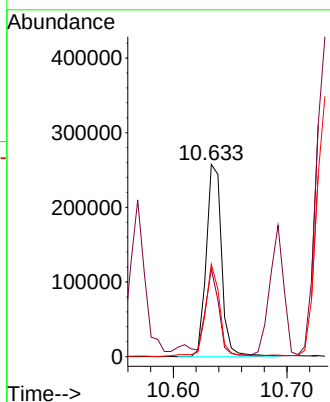
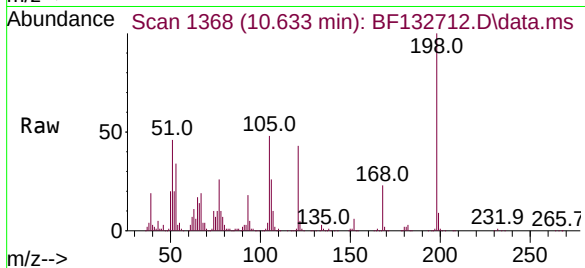
Tgt Ion:198 Resp: 243295
Ion Ratio Lower Upper
198 100
51 45.6 20.6 60.6
105 48.1 24.3 64.3

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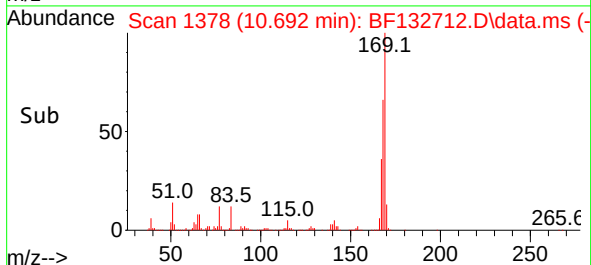
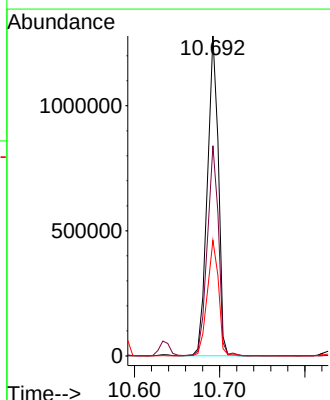
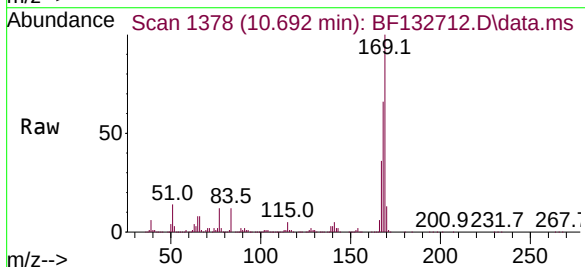
03/10/2023
Supervised By :Jagrut
Upadhyay

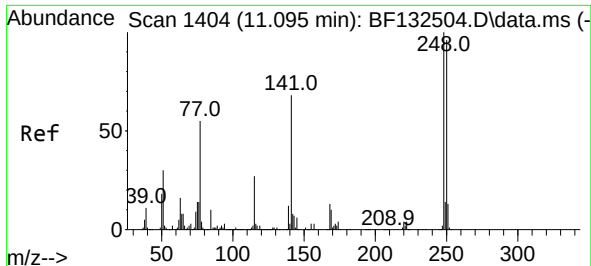
03/10/2023



#66
n-Nitrosodiphenylamine
Concen: 39.705 ng
RT: 10.692 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

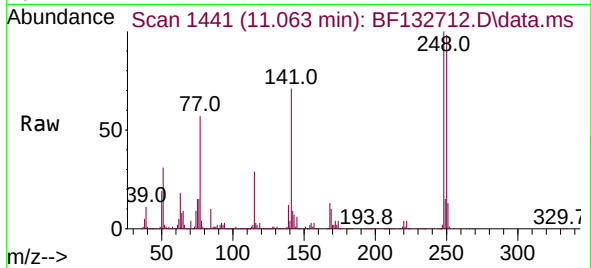
Tgt Ion:169 Resp: 1148477
Ion Ratio Lower Upper
169 100
168 65.7 54.2 81.4
167 36.1 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 42.016 ng
RT: 11.063 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



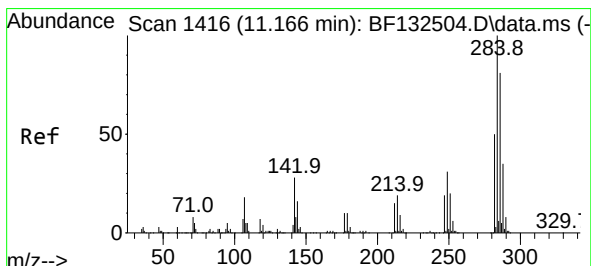
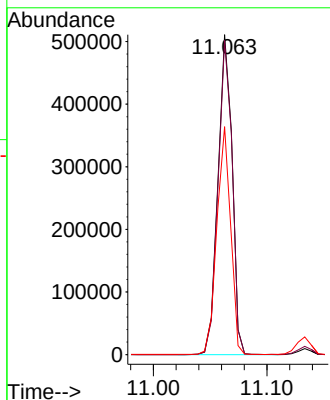
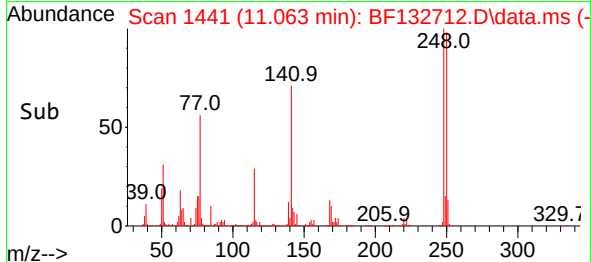
Tgt Ion:248 Resp: 440963
Ion Ratio Lower Upper
248 100
250 98.2 77.0 115.4
141 71.2 54.2 81.2

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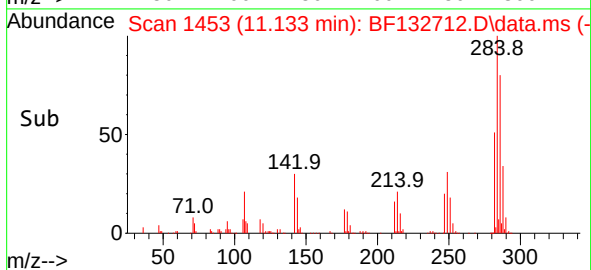
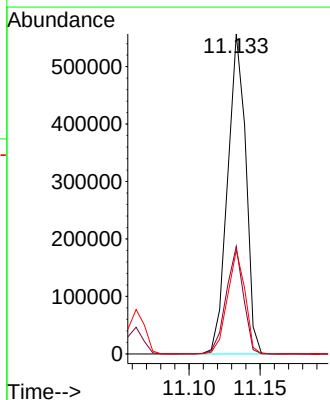
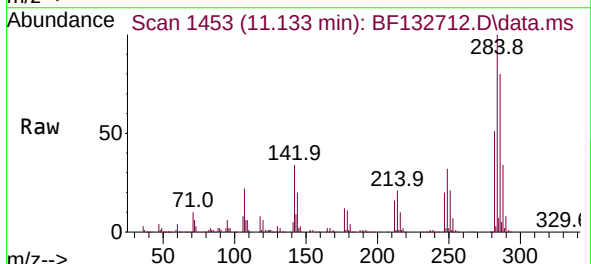
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Upadhyay

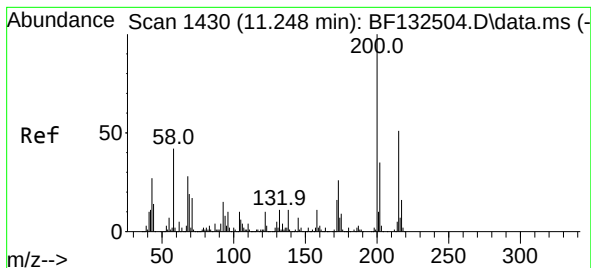
03/10/2023



#68
Hexachlorobenzene
Concen: 44.902 ng
RT: 11.133 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:284 Resp: 495867
Ion Ratio Lower Upper
284 100
142 33.6 22.2 33.4#
249 32.4 24.9 37.3





#69

Atrazine

Concen: 45.160 ng

RT: 11.221 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:200 Resp: 407804
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.4 46.4
 215 49.5 31.0 71.0

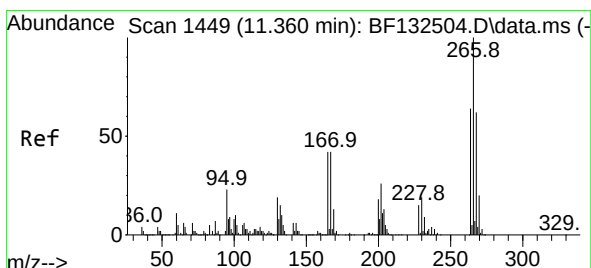
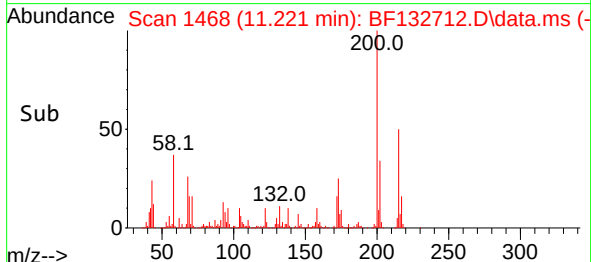
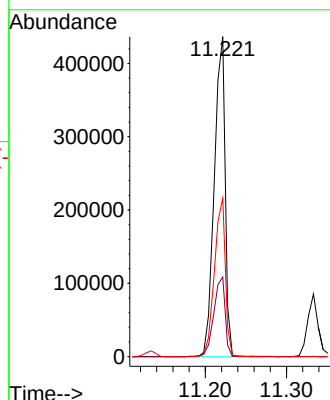
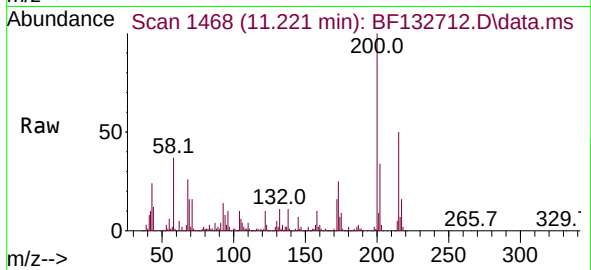
Manual Integrations
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 Giraldo

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 Upadhyay

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#70

Pentachlorophenol

Concen: 65.248 ng

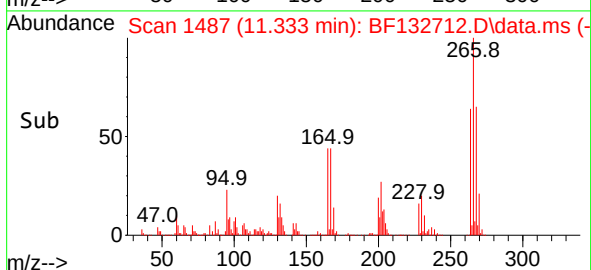
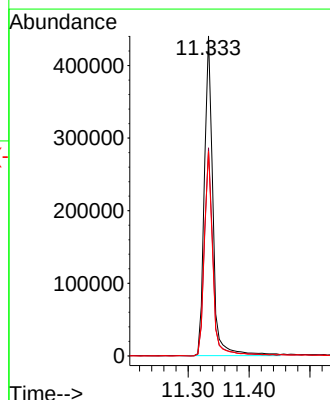
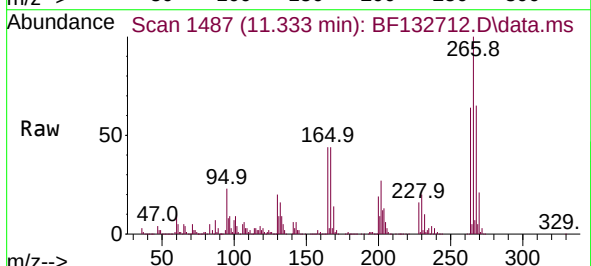
RT: 11.333 min Scan# 1487

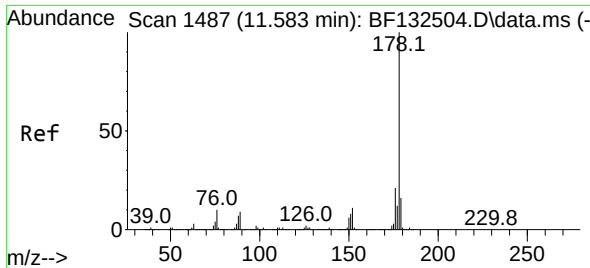
Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Tgt Ion:266 Resp: 428703
 Ion Ratio Lower Upper
 266 100
 268 65.0 49.8 74.6
 264 64.0 50.9 76.3





#71
Phenanthrene
Concen: 38.556 ng
RT: 11.557 min Scan# 11534
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS

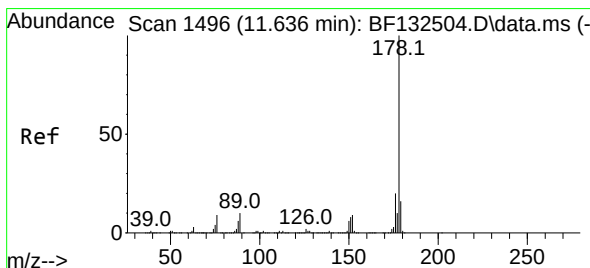
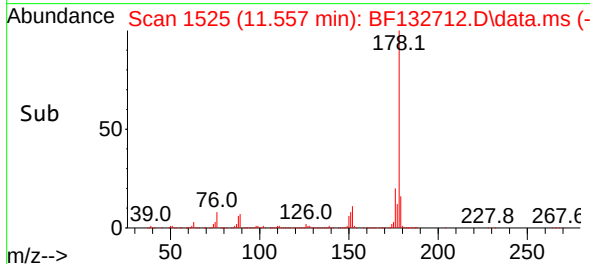
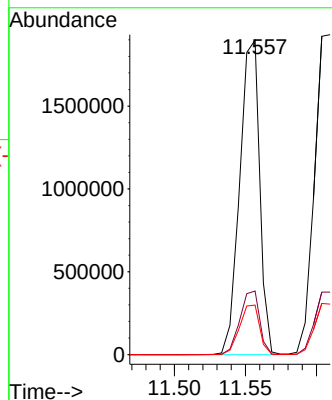
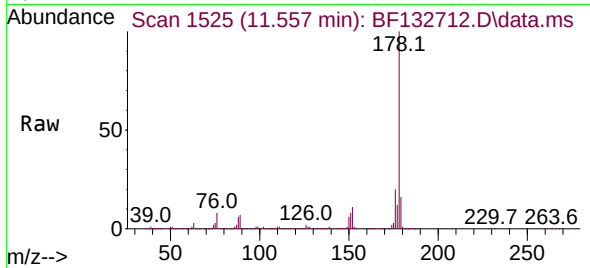
Tgt Ion:178 Resp: 1853194
Ion Ratio Lower Upper
178 100
176 20.2 16.5 24.7
179 15.7 13.0 19.6

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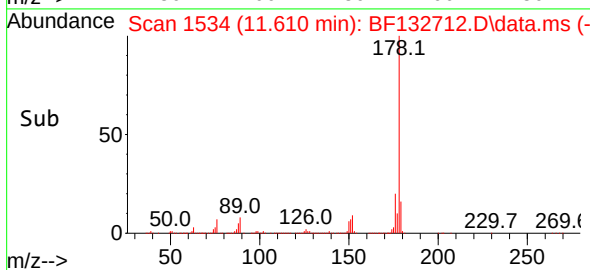
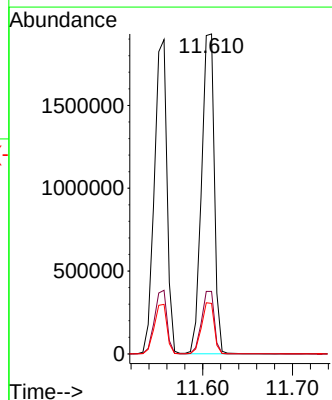
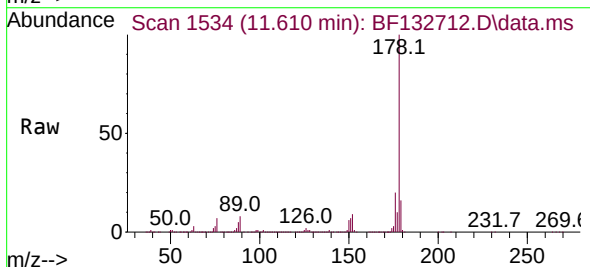
03/10/2023
Supervised By :Jagrut
Upadhyay

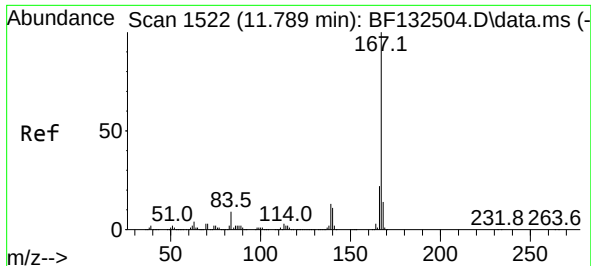
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#72
Anthracene
Concen: 38.519 ng
RT: 11.610 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

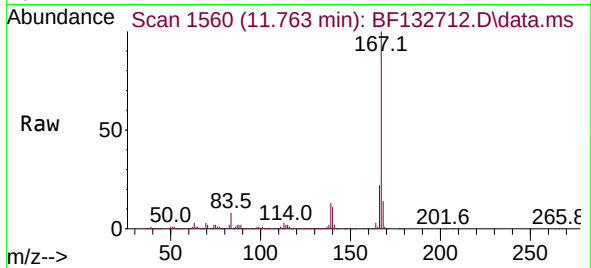
Tgt Ion:178 Resp: 1906539
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 37.675 ng
 RT: 11.763 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF132712.D
 Acq: 09 Mar 2023 11:47

Instrument :
 BNA_F
 ClientSampleId :
 PB151303BS



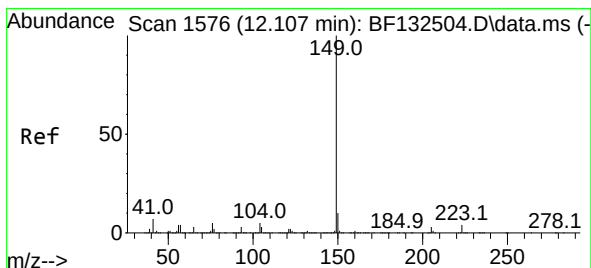
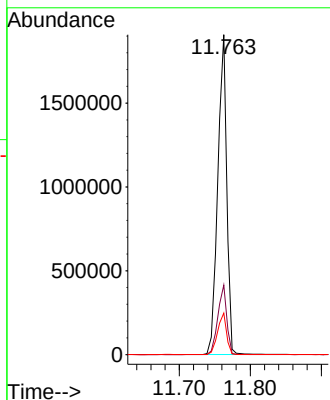
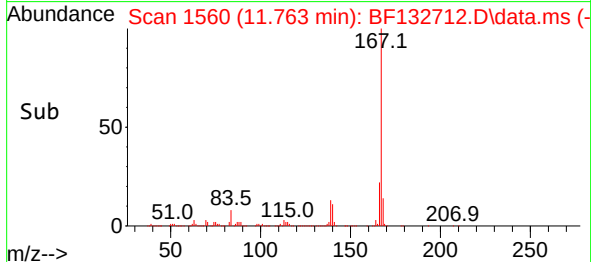
Tgt Ion:167 Resp: 1681293
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.0 10.5 15.7

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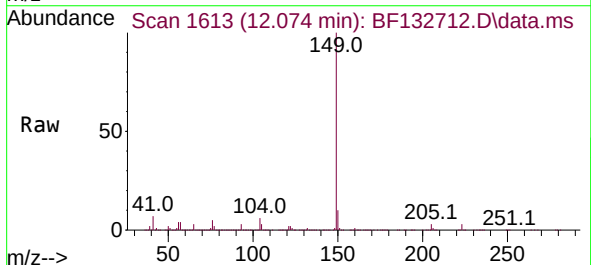
Reviewed By :Christian
 Giraldo

03/10/2023
 Supervised By :Jagrut
 Upadhyay

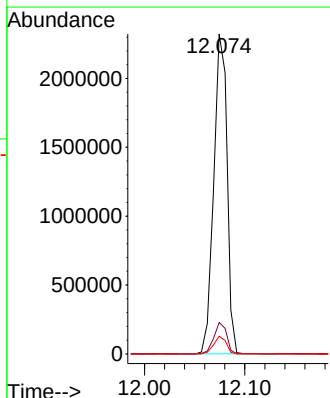
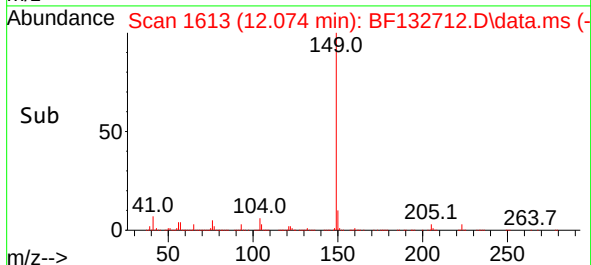
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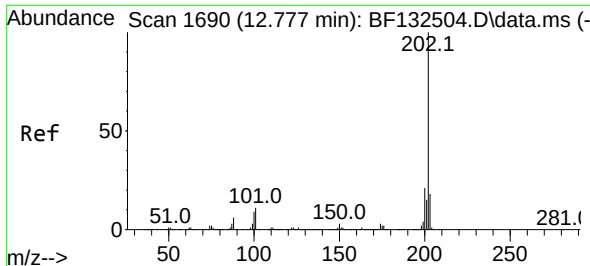


#74
 Di-n-butylphthalate
 Concen: 40.988 ng
 RT: 12.074 min Scan# 1613
 Delta R.T. 0.000 min
 Lab File: BF132712.D
 Acq: 09 Mar 2023 11:47



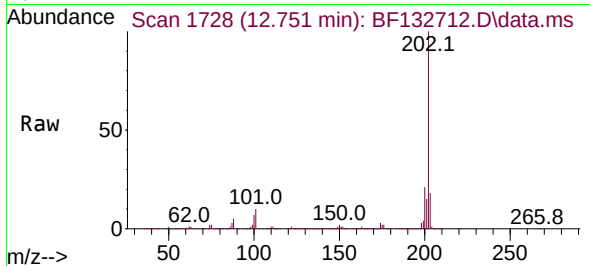
Tgt Ion:149 Resp: 2145607
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 37.562 ng
RT: 12.751 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



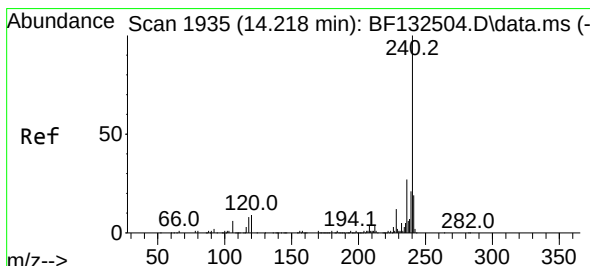
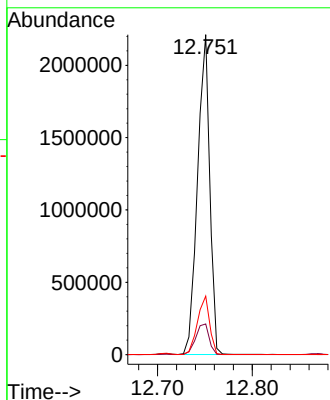
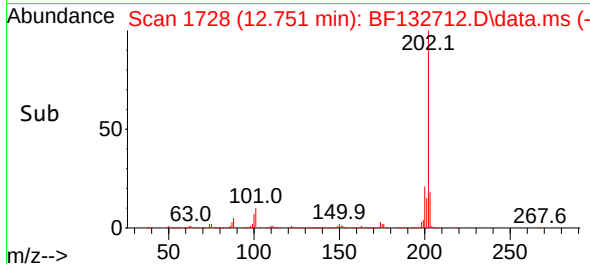
Tgt Ion:202 Resp: 1973679
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.4
203 18.3 0.0 38.0

Manual Integrations
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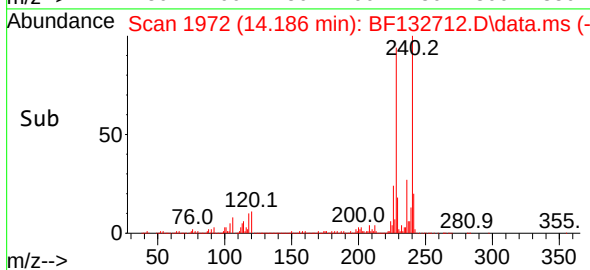
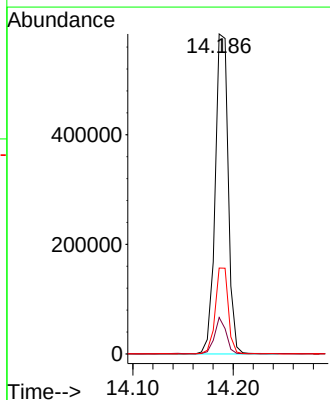
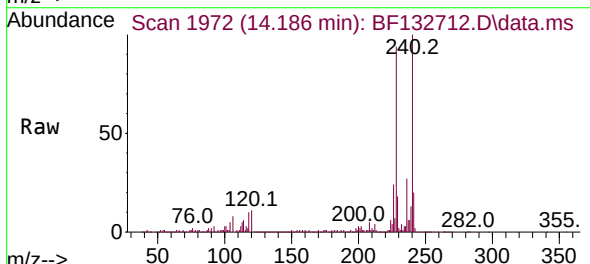
03/10/2023
Supervised By :Jagrut
Upadhyay

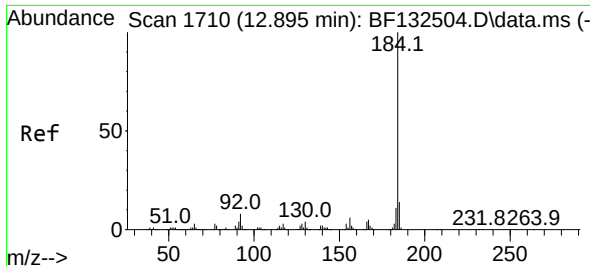
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

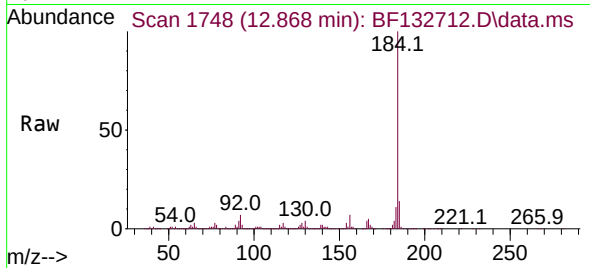
Tgt Ion:240 Resp: 529596
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 26.8 21.8 32.6





#77
Benzidine
Concen: 66.301 ng
RT: 12.868 min Scan# 1748
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



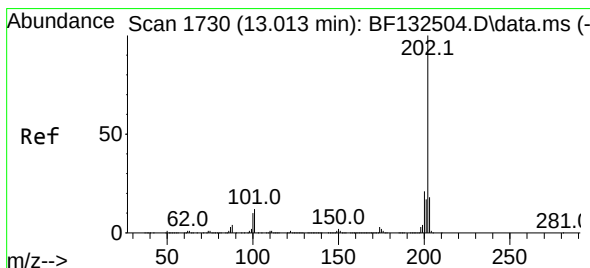
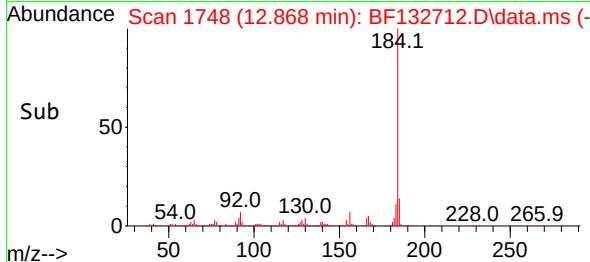
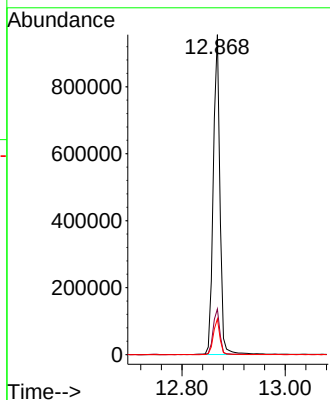
Tgt Ion:184 Resp: 854749
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 11.2 8.7 13.1

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Reviewed By :Christian
Giraldo

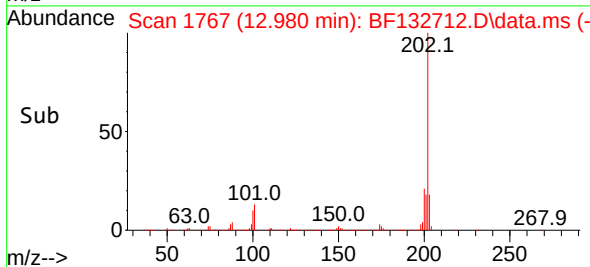
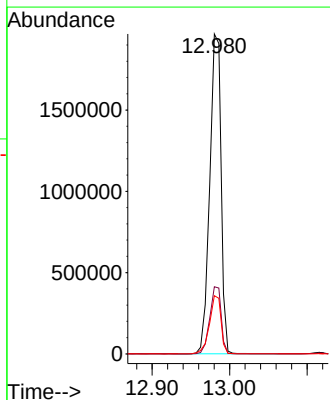
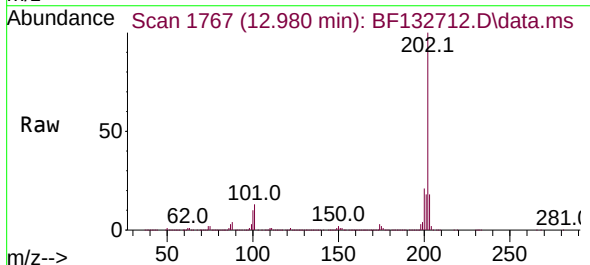
03/10/2023
Supervised By :Jagrut
Upadhyay

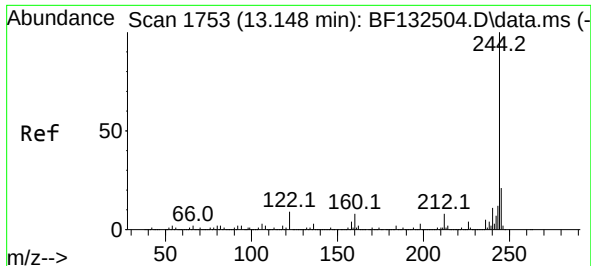
03/10/2023



#78
Pyrene
Concen: 41.560 ng
RT: 12.980 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

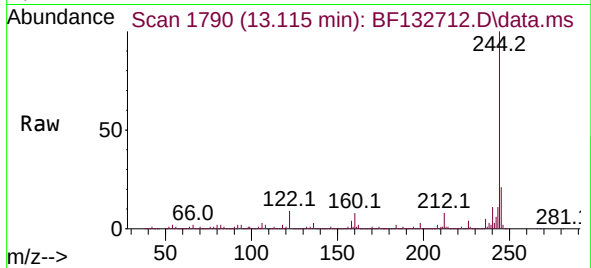
Tgt Ion:202 Resp: 2001118
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 69.809 ng
RT: 13.115 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



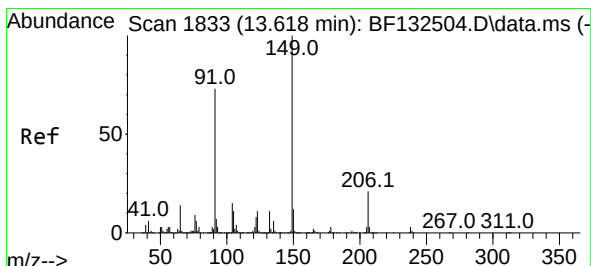
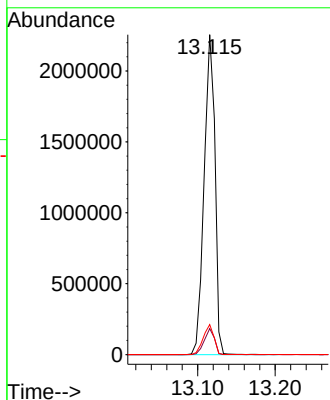
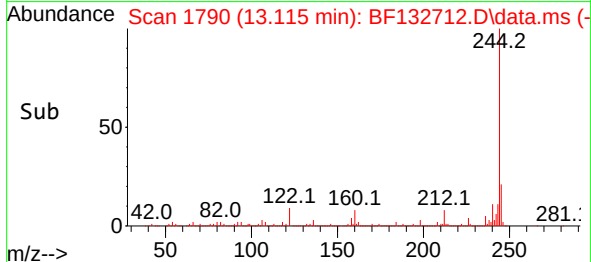
Tgt Ion:244 Resp: 2186635
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.4 7.5 11.3

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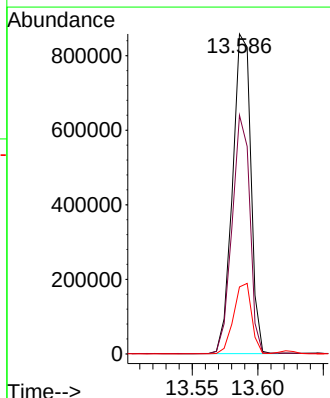
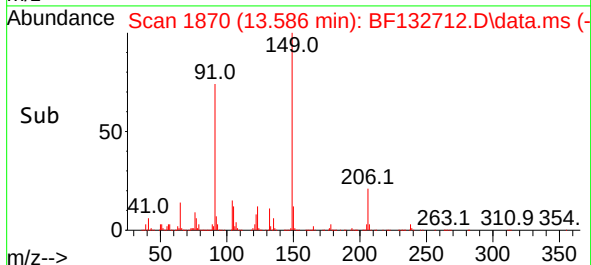
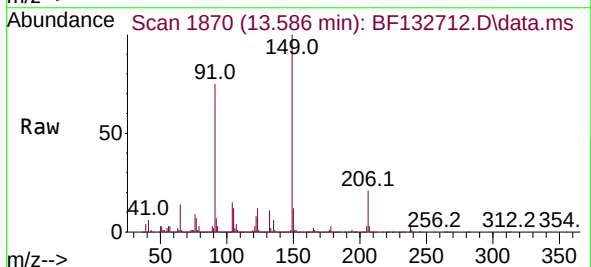
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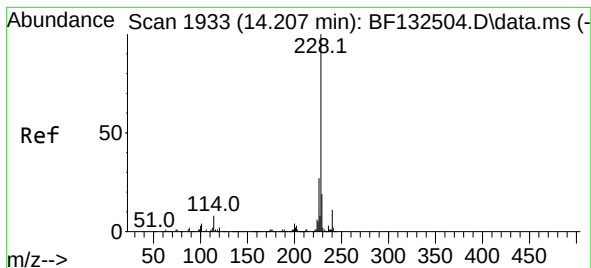
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#80
Butylbenzylphthalate
Concen: 43.781 ng
RT: 13.586 min Scan# 1870
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:149 Resp: 831875
Ion Ratio Lower Upper
149 100
91 74.6 58.4 87.6
206 20.9 16.8 25.2





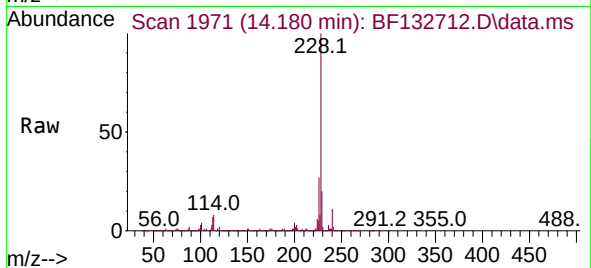
#81
Benzo(a)anthracene
Concen: 40.146 ng
RT: 14.180 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion:228 Resp: 1590827
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.7 15.4 23.2

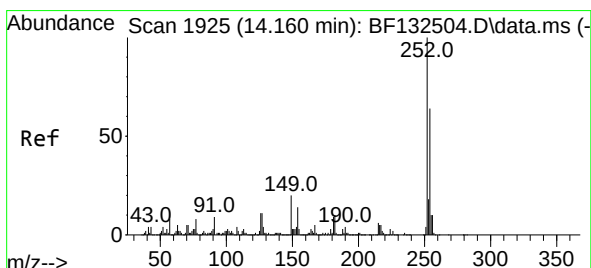
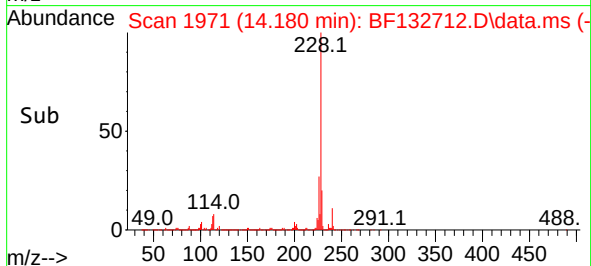
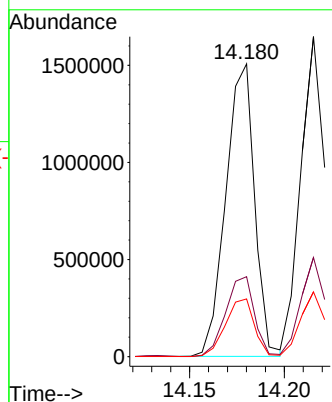
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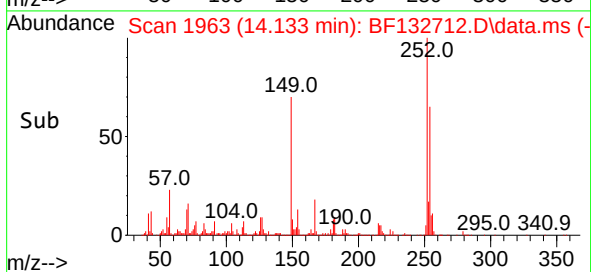
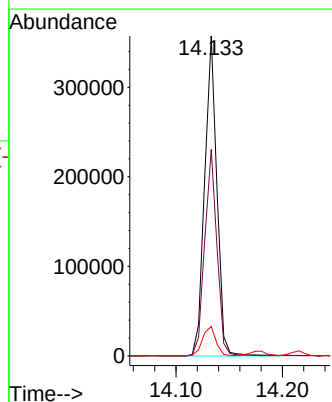
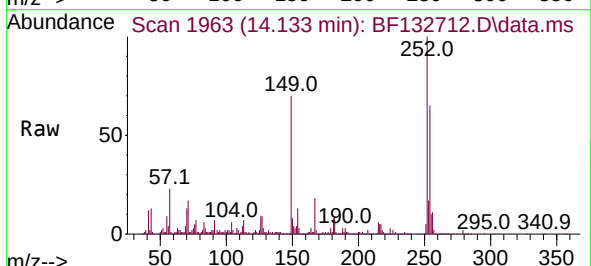
Supervised By :Jagrut
Upadhyay

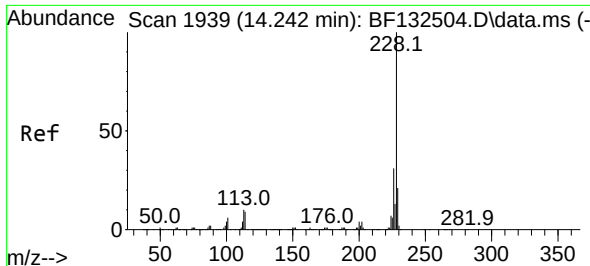
03/10/2023



#82
3,3'-Dichlorobenzidine
Concen: 24.294 ng
RT: 14.133 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

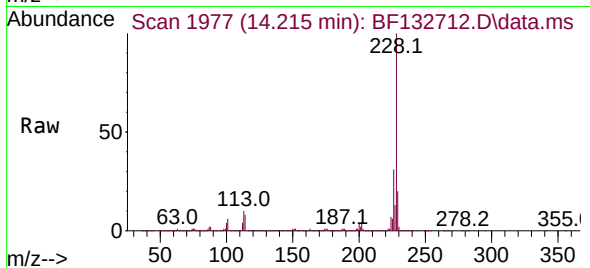
Tgt Ion:252 Resp: 283813
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.2
126 9.2 8.9 13.3





#83
Chrysene
Concen: 38.994 ng
RT: 14.215 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



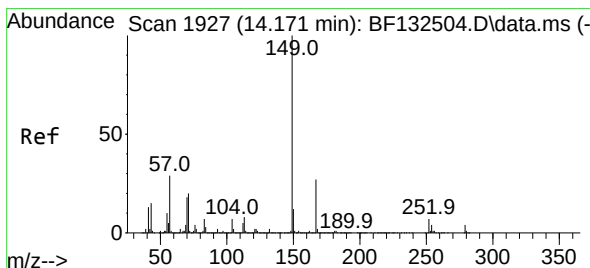
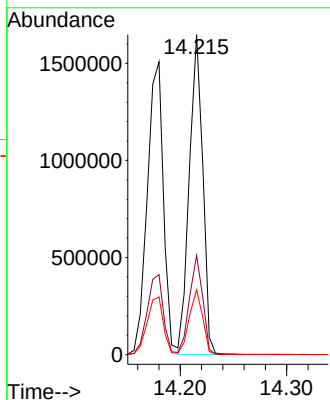
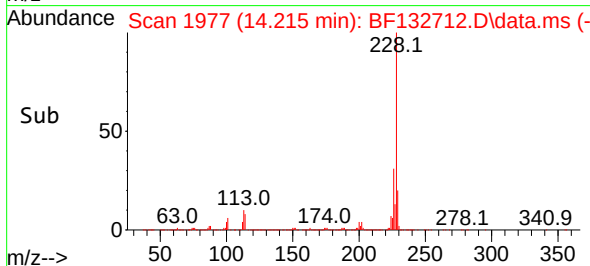
Tgt Ion:228 Resp: 1444907
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.2 16.4 24.6

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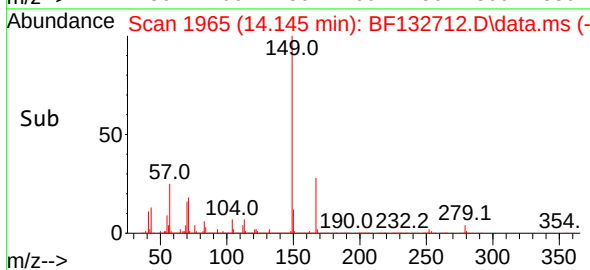
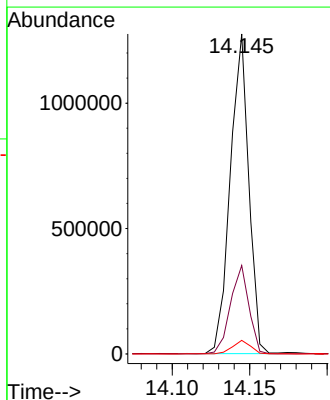
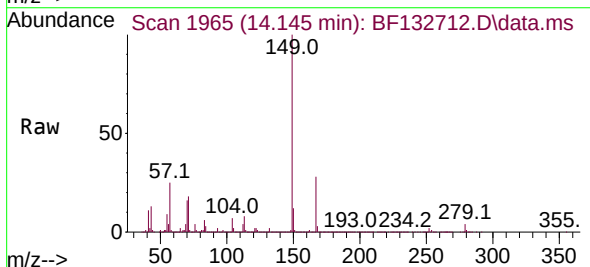
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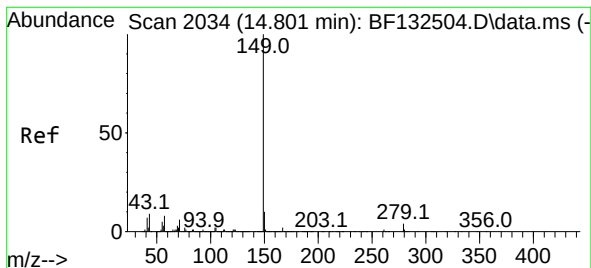
03/10/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.460 ng
RT: 14.145 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

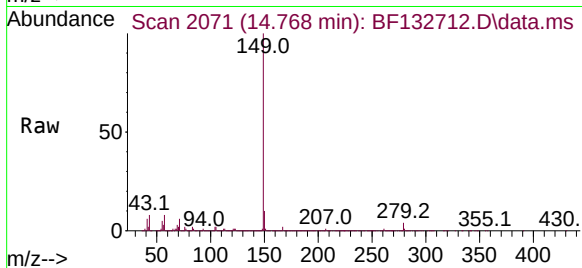
Tgt Ion:149 Resp: 1061103
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.6
279 4.2 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 46.771 ng
RT: 14.768 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :
BNA_F
ClientSampleId :
PB151303BS



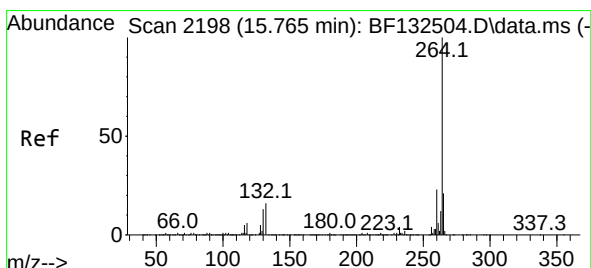
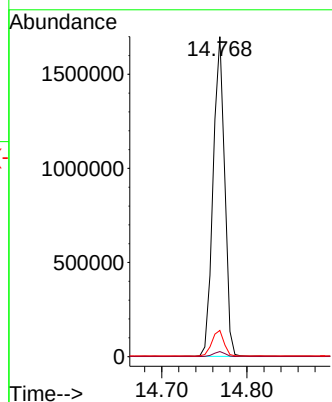
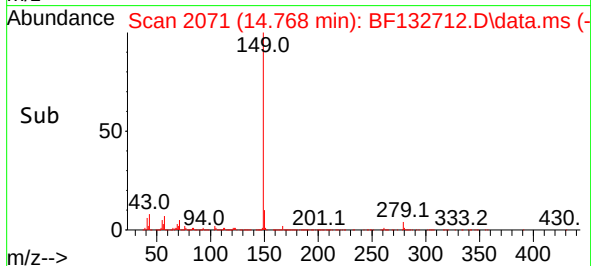
Tgt Ion:149 Resp: 1595324
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.2 10.8

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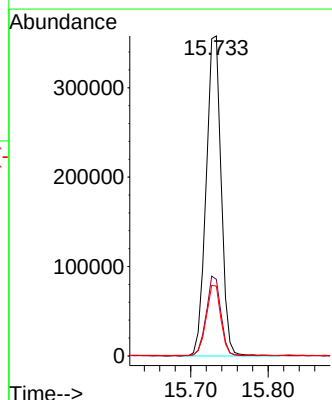
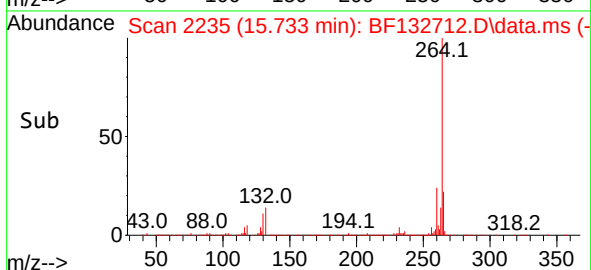
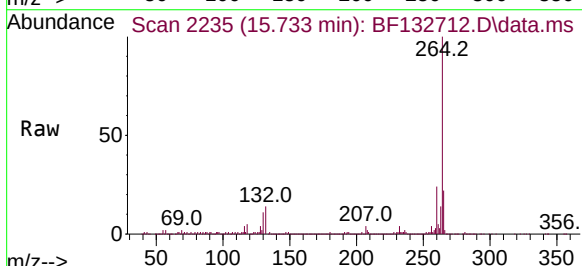
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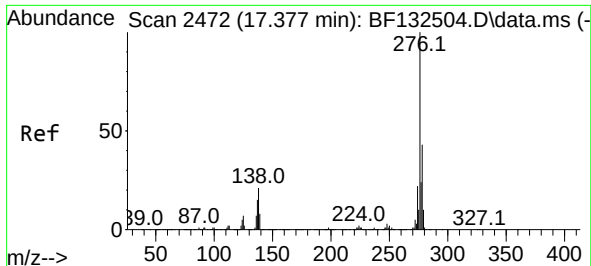
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 2235
Delta R.T. 0.006 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Tgt Ion:264 Resp: 481489
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.8 17.1 25.7





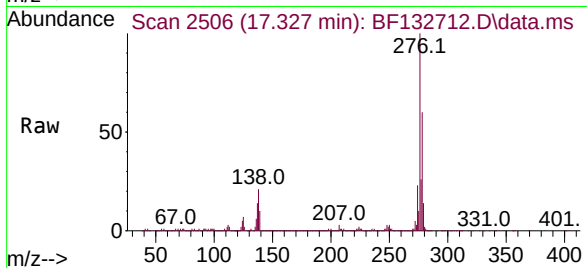
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.334 ng
RT: 17.327 min Scan# 2150
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS



Tgt Ion:276 Resp: 1367148
Ion Ratio Lower Upper
276 100
138 22.0 19.0 28.4
277 25.2 20.0 30.0

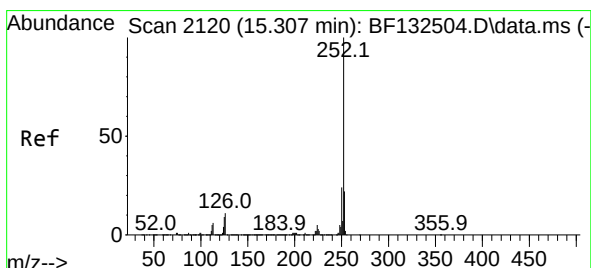
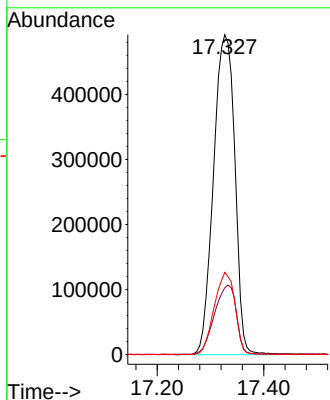
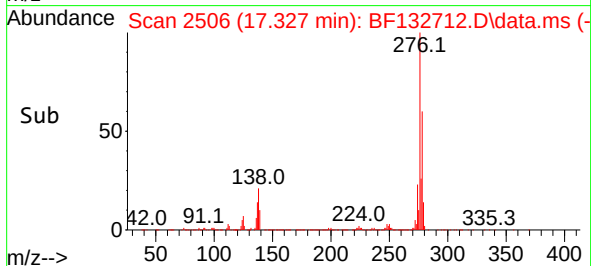
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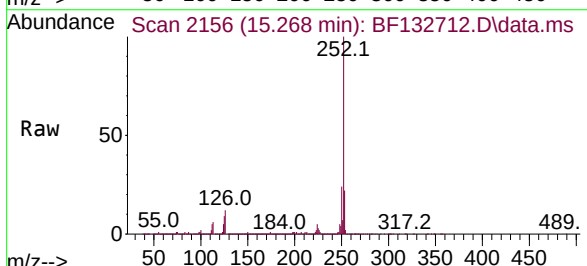
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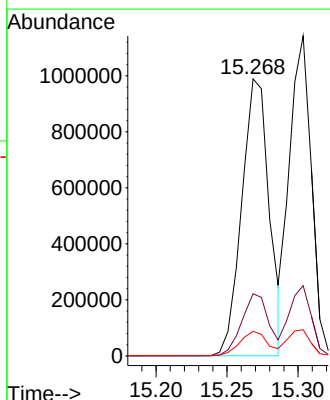
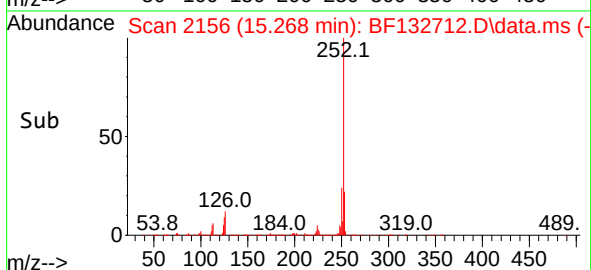
03/10/2023

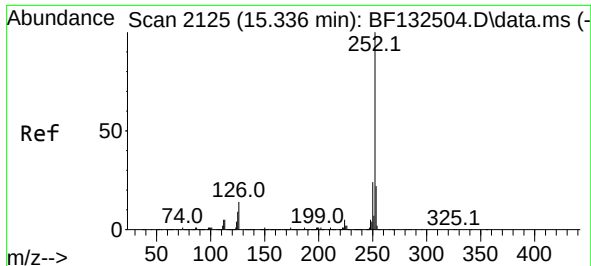


#88
Benzo(b)fluoranthene
Concen: 41.237 ng
RT: 15.268 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BF132712.D
Acq: 09 Mar 2023 11:47



Tgt Ion:252 Resp: 1330593
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.9 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 38.999 ng

RT: 15.304 min Scan# 2125

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:252 Resp: 123155

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.2 7.2 10.8

Manual Integrations

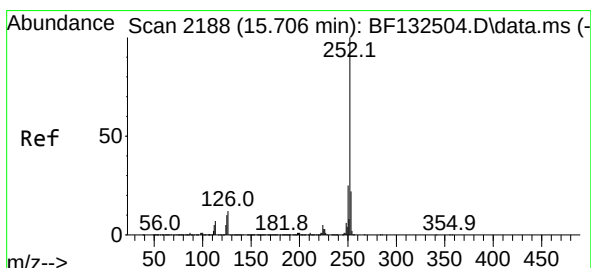
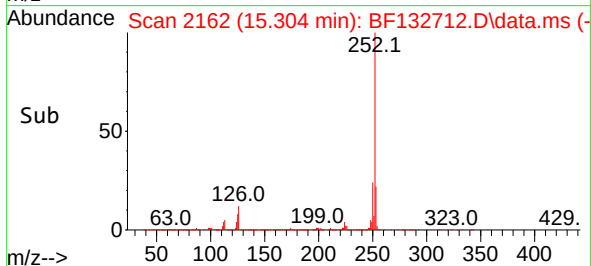
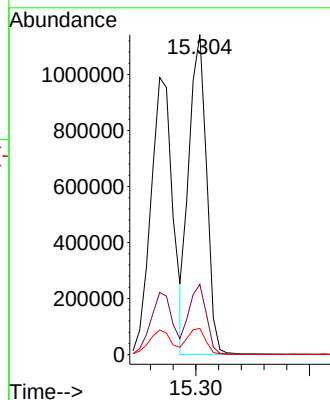
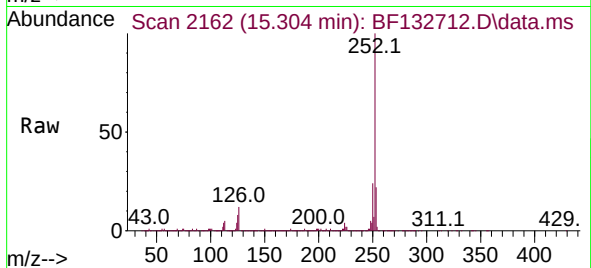
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Upadhyay

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#90

Benzo(a)pyrene

Concen: 37.096 ng

RT: 15.668 min Scan# 2224

Delta R.T. 0.006 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

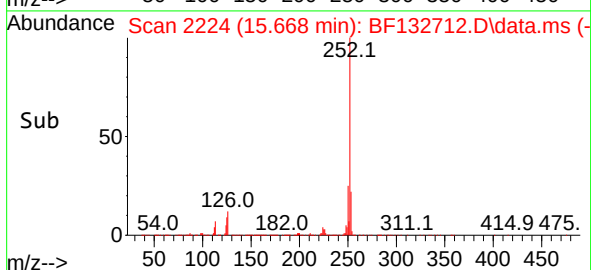
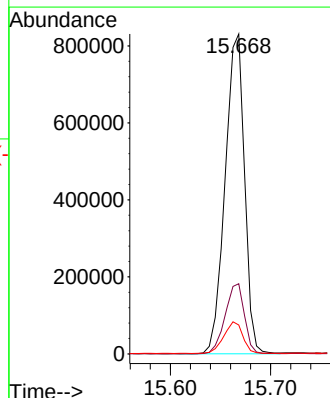
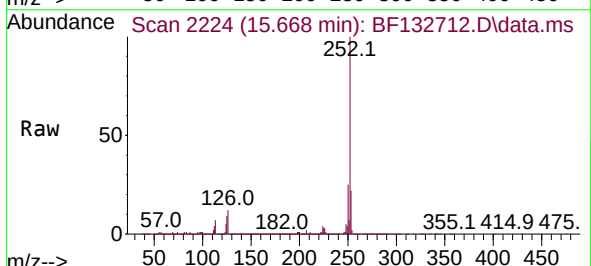
Tgt Ion:252 Resp: 1120263

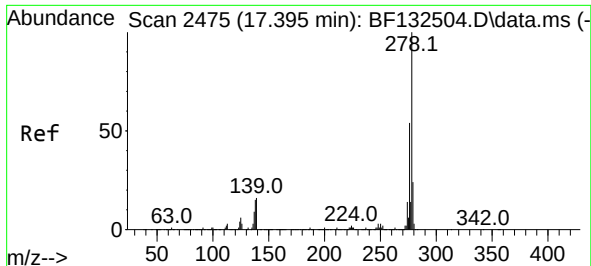
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 9.0 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 43.504 ng

RT: 17.345 min Scan# 2509

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Instrument :

BNA_F

ClientSampleId :

PB151303BS

Tgt Ion:278 Resp: 1118290

Ion Ratio Lower Upper

278 100

139 13.5 13.0 19.4

279 23.9 19.0 28.4

Manual Integrations

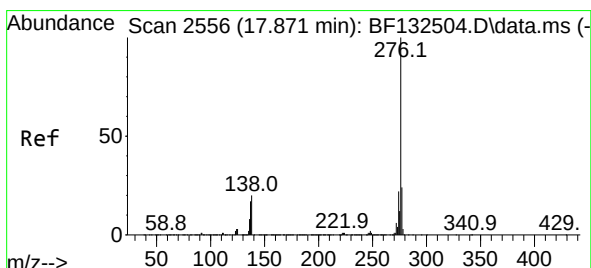
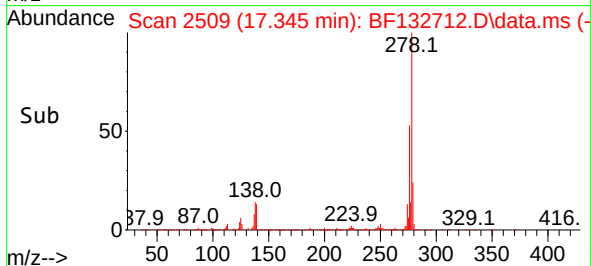
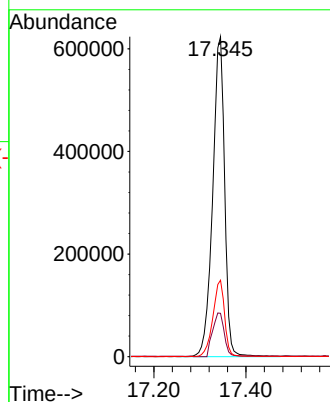
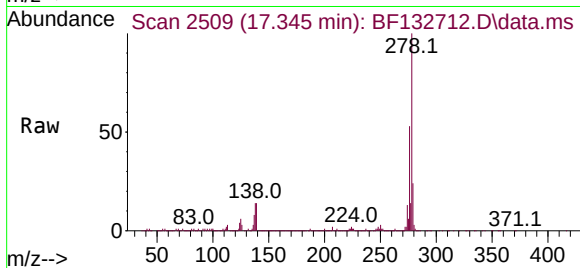
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Upadhyay

03/10/2023



#92

Benzo(g,h,i)perylene

Concen: 39.629 ng

RT: 17.815 min Scan# 2589

Delta R.T. 0.000 min

Lab File: BF132712.D

Acq: 09 Mar 2023 11:47

Tgt Ion:276 Resp: 1142762

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 19.8 16.2 24.4

