

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132659.D
 Acq On : 06 Mar 2023 20:45
 Operator : CG\JU
 Sample : 01787-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Quant Time: Mar 07 00:58:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo

03/07/2023
 Supervised By :Jagrut
 Upadhyay

03/07/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	184935	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	668249	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	340772	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	577867	20.000	ng	0.00
76) Chrysene-d12	14.204	240	309826	20.000	ng	# 0.00
86) Perylene-d12	15.757	264	411331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	673889	59.140	ng	0.00
7) Phenol-d6	6.628	99	855508	57.527	ng	0.00
23) Nitrobenzene-d5	7.563	82	532365	37.797	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	201324	54.705	ng	0.00
45) 2-Fluorobiphenyl	9.357	172	911021	40.707	ng	-0.01
79) Terphenyl-d14	13.133	244	787595	42.980	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.928	88	260573	41.340	ng	96
3) Pyridine	3.687	79	644337	38.511	ng	93
4) n-Nitrosodimethylamine	3.652	42	259795	41.108	ng	90
6) Aniline	6.663	93	678124	33.884	ng	96
8) 2-Chlorophenol	6.787	128	560948	47.432	ng	96
9) Benzaldehyde	6.551	77	277507	34.582	ng	97
10) Phenol	6.640	94	763256	44.767	ng	93
11) bis(2-Chloroethyl)ether	6.734	93	589917	44.820	ng	93
12) 1,3-Dichlorobenzene	6.940	146	596087	46.968	ng	98
13) 1,4-Dichlorobenzene	7.016	146	584514	46.125	ng	100
14) 1,2-Dichlorobenzene	7.169	146	574590	47.245	ng	98
15) Benzyl Alcohol	7.140	79	501611	43.797	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.269	45	727770	43.360	ng	99
17) 2-Methylphenol	7.251	107	464086	42.047	ng	94
18) Hexachloroethane	7.516	117	231623	46.784	ng	94
19) n-Nitroso-di-n-propyla...	7.410	70	346009	37.805	ng	94
20) 3+4-Methylphenols	7.404	107	517042	36.259	ng	94
22) Acetophenone	7.410	105	698555	41.457	ng	# 87
24) Nitrobenzene	7.587	77	624724	41.472	ng	98
25) Isophorone	7.822	82	1117240	41.373	ng	99
26) 2-Nitrophenol	7.898	139	301852	45.416	ng	97
27) 2,4-Dimethylphenol	7.934	122	455713	43.443	ng	98
28) bis(2-Chloroethoxy)met...	8.028	93	681809	43.161	ng	100
29) 2,4-Dichlorophenol	8.145	162	456661	43.764	ng	98
30) 1,2,4-Trichlorobenzene	8.228	180	513676	45.335	ng	98
31) Naphthalene	8.310	128	1457290	42.598	ng	100
32) Benzoic acid	8.045	122	282560	35.287	ng	95
33) 4-Chloroaniline	8.351	127	287618	19.620	ng	95
34) Hexachlorobutadiene	8.422	225	319148	44.326	ng	100
35) Caprolactam	8.734	113	141735m	41.201	ng	
36) 4-Chloro-3-methylphenol	8.834	107	476517	41.583	ng	95
37) 2-Methylnaphthalene	8.998	142	967510	41.499	ng	100
38) 1-Methylnaphthalene	9.098	142	898261	41.228	ng	99
40) 1,2,4,5-Tetrachloroben...	9.169	216	502692	45.088	ng	99
41) Hexachlorocyclopentadiene	9.151	237	520216	86.025	ng	100
43) 2,4,6-Trichlorophenol	9.281	196	333822	44.181	ng	99

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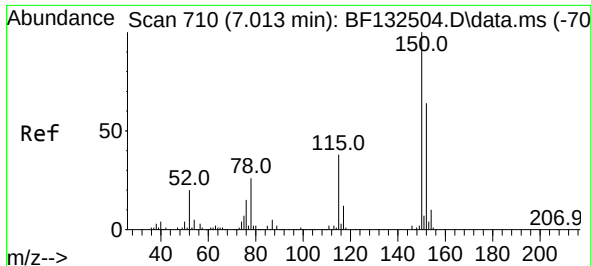
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.322	196	352329	39.953	ng	98
46) 1,1'-Biphenyl	9.463	154	1168454	45.302	ng	99
47) 2-Chloronaphthalene	9.492	162	935285	45.736	ng	99
48) 2-Nitroaniline	9.586	65	295281	39.206	ng	94
49) Acenaphthylene	9.910	152	1409830	43.319	ng	100
50) Dimethylphthalate	9.763	163	1046674	42.183	ng	100
51) 2,6-Dinitrotoluene	9.828	165	240266	42.519	ng	98
52) Acenaphthene	10.086	154	946285m	45.789	ng	
53) 3-Nitroaniline	9.998	138	159510	25.234	ng	97
54) 2,4-Dinitrophenol	10.110	184	232583	65.654	ng	97
55) Dibenzofuran	10.257	168	1274960	42.318	ng	100
56) 4-Nitrophenol	10.163	139	308154	65.369	ng	92
57) 2,4-Dinitrotoluene	10.239	165	315656	41.989	ng	# 85
58) Fluorene	10.598	166	954629	41.425	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.375	232	284330	43.404	ng	97
60) Diethylphthalate	10.463	149	989504	40.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.586	204	503603	42.125	ng	98
62) 4-Nitroaniline	10.616	138	213566	34.419	ng	94
63) Azobenzene	10.751	77	1083348	42.212	ng	98
65) 4,6-Dinitro-2-methylph...	10.645	198	165064	42.196	ng	98
66) n-Nitrosodiphenylamine	10.710	169	829833	46.062	ng	100
67) 4-Bromophenyl-phenylether	11.080	248	310273	47.467	ng	99
68) Hexachlorobenzene	11.151	284	344629	50.106	ng	96
69) Atrazine	11.233	200	264105	46.959	ng	98
70) Pentachlorophenol	11.345	266	302855	74.008	ng	99
71) Phenanthrene	11.569	178	1336621	44.649	ng	99
72) Anthracene	11.622	178	1359493	44.100	ng	100
73) Carbazole	11.775	167	1115354	40.129	ng	99
74) Di-n-butylphthalate	12.092	149	1361684	41.766	ng	100
75) Fluoranthene	12.769	202	1237675	37.819	ng	99
77) Benzidine	12.886	184	393339	52.153	ng	99
78) Pyrene	12.998	202	1244012	44.163	ng	99
80) Butylbenzylphthalate	13.604	149	452603	40.717	ng	98
81) Benzo(a)anthracene	14.192	228	1042593	44.974	ng	99
82) 3,3'-Dichlorobenzidine	14.151	252	253373	37.073	ng	100
83) Chrysene	14.233	228	979042	45.163	ng	99
84) Bis(2-ethylhexyl)phtha...	14.163	149	598031	43.795	ng	99
85) Di-n-octyl phthalate	14.792	149	1127207	56.489	ng	98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1390585	51.594	ng	100
88) Benzo(b)fluoranthene	15.298	252	1200467	43.550	ng	99
89) Benzo(k)fluoranthene	15.327	252	1144440	42.421	ng	99
90) Benzo(a)pyrene	15.692	252	1093899	42.401	ng	98
91) Dibenzo(a,h)anthracene	17.386	278	1132260	51.561	ng	98
92) Benzo(g,h,i)perylene	17.856	276	1170663	47.200	ng	98

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



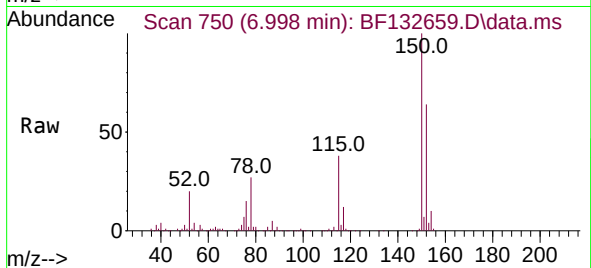
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

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Tgt Ion:152 Resp: 184935
Ion Ratio Lower Upper
152 100
150 155.1 125.4 188.2
115 59.6 47.8 71.6

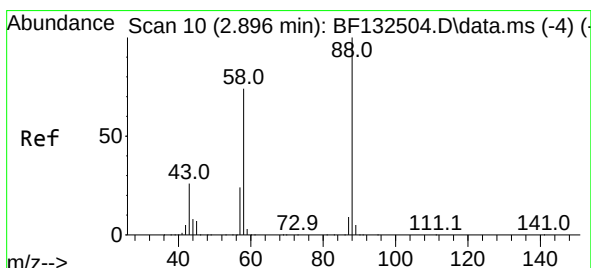
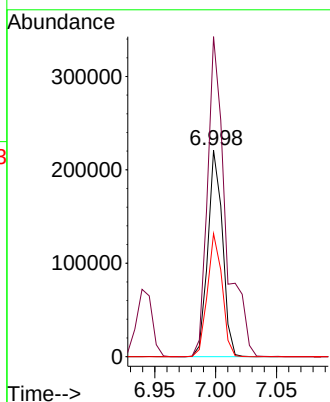
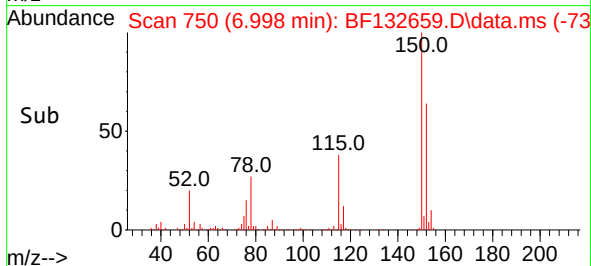
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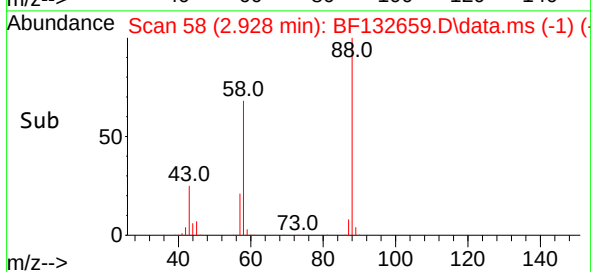
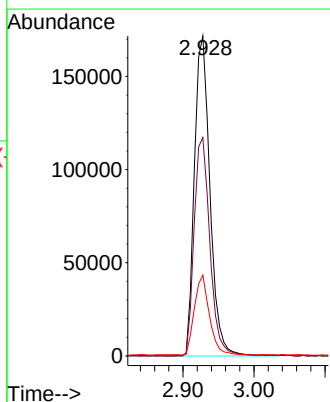
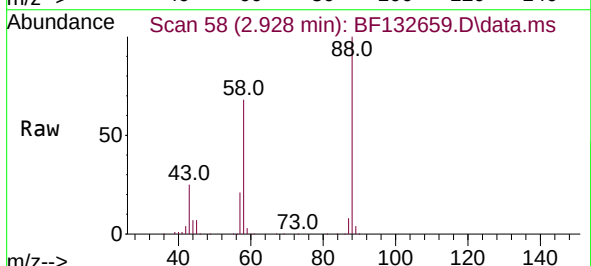
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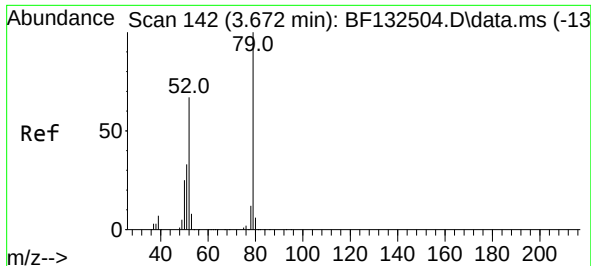
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#2
1,4-Dioxane
Concen: 41.340 ng
RT: 2.928 min Scan# 58
Delta R.T. 0.044 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

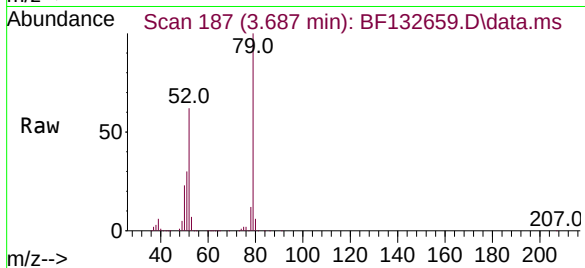
Tgt Ion: 88 Resp: 260573
Ion Ratio Lower Upper
88 100
58 69.2 58.3 87.5
43 24.1 20.7 31.1





#3
Pyridine
Concen: 38.511 ng
RT: 3.687 min Scan# 181
Delta R.T. 0.032 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



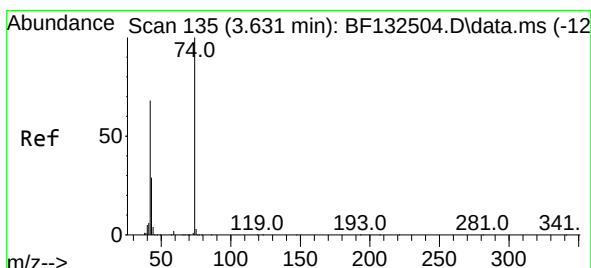
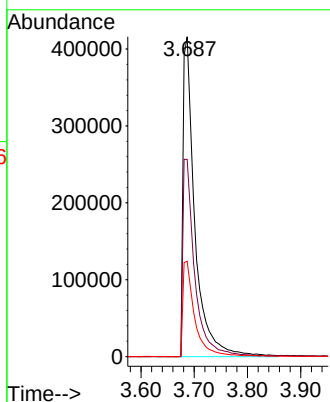
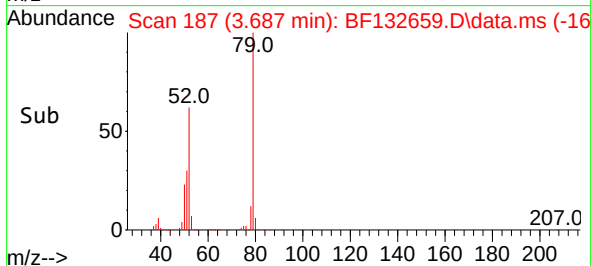
Tgt Ion: 79 Resp: 64433
Ion Ratio Lower Upper
79 100
52 61.6 53.7 80.5
51 29.8 26.6 40.0

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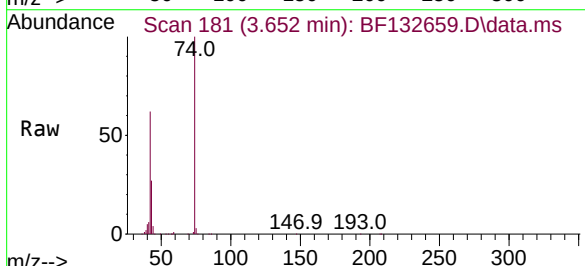
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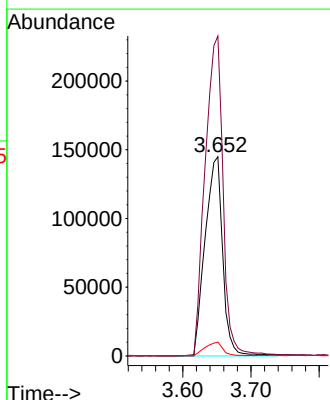
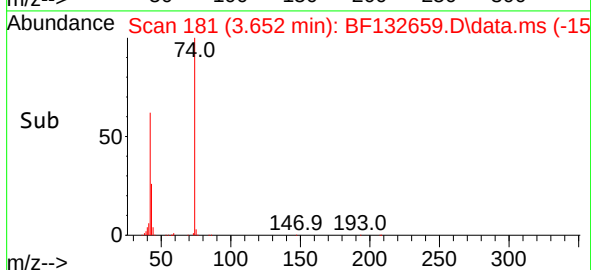
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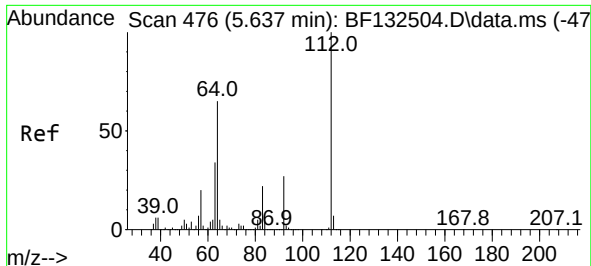


#4
n-Nitrosodimethylamine
Concen: 41.108 ng
RT: 3.652 min Scan# 181
Delta R.T. 0.027 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion: 42 Resp: 259795
Ion Ratio Lower Upper
42 100
74 160.7 118.2 177.2
44 6.9 5.3 7.9





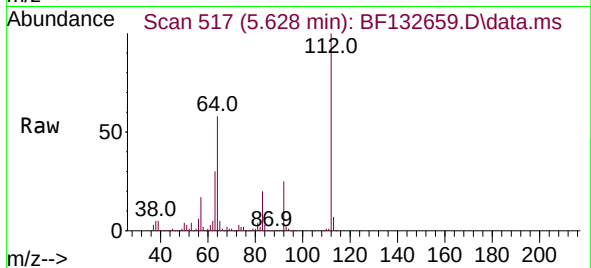
#5
2-Fluorophenol
Concen: 59.140 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion: 112 Resp: 673889
Ion Ratio Lower Upper
112 100
64 58.5 51.6 77.4
63 30.1 27.4 41.2

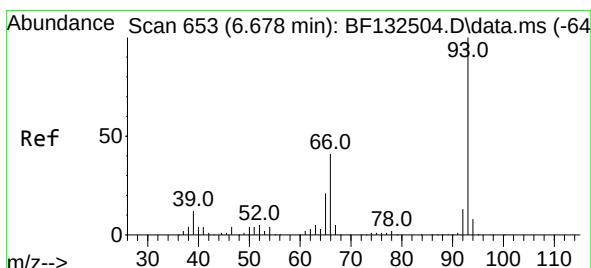
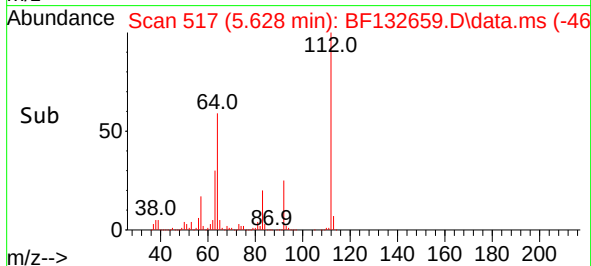
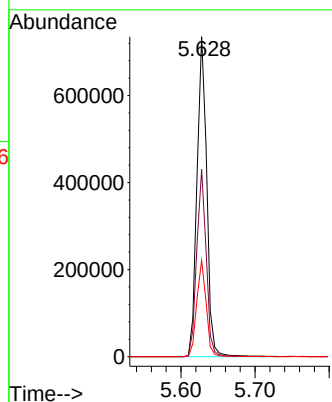
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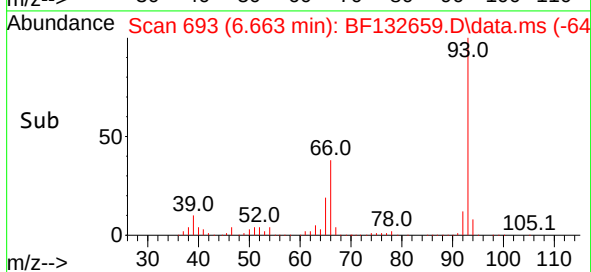
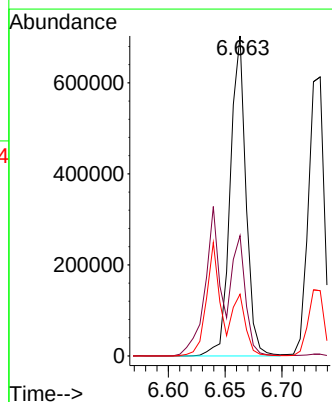
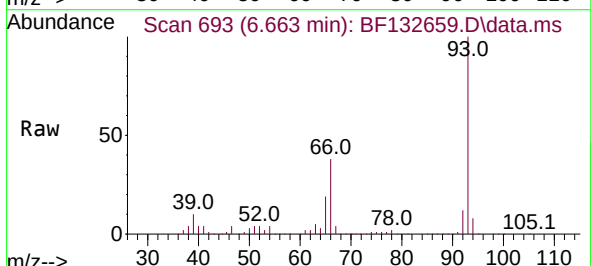
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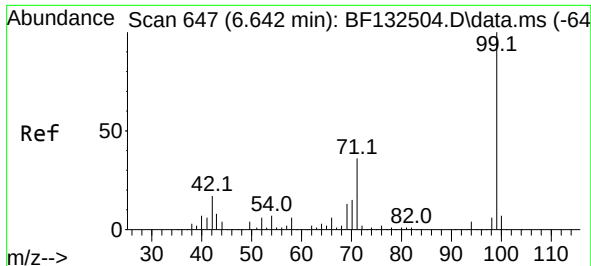
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#6
Aniline
Concen: 33.884 ng
RT: 6.663 min Scan# 693
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

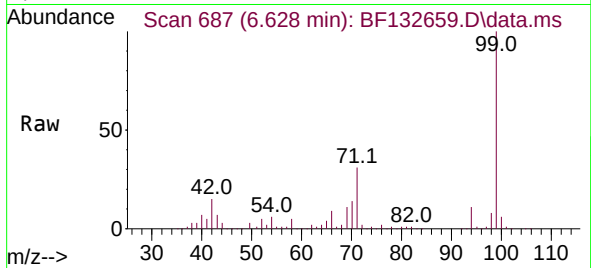
Tgt Ion: 93 Resp: 678124
Ion Ratio Lower Upper
93 100
66 37.6 32.5 48.7
65 19.3 16.6 24.8





#7
Phenol-d6
Concen: 57.527 ng
RT: 6.628 min Scan# 687
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
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COMP-1MSD



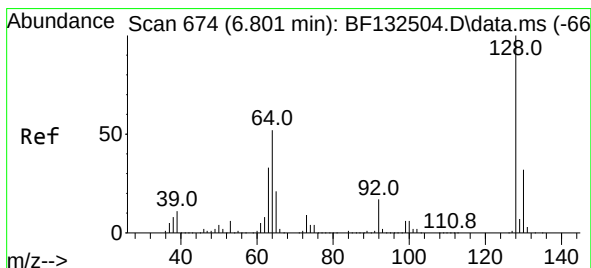
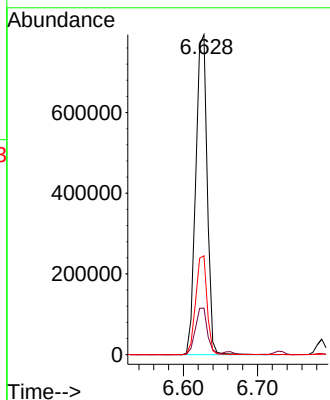
Tgt Ion: 99 Resp: 855508
Ion Ratio Lower Upper
99 100
42 14.5 13.9 20.9
71 30.9 28.5 42.7

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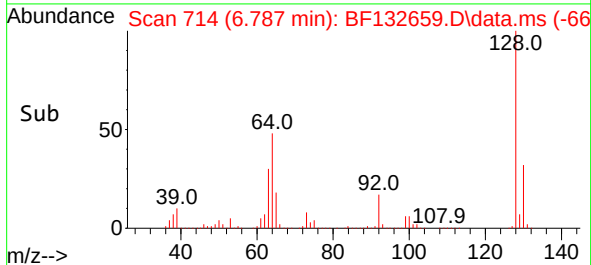
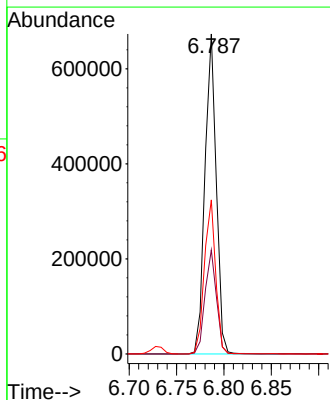
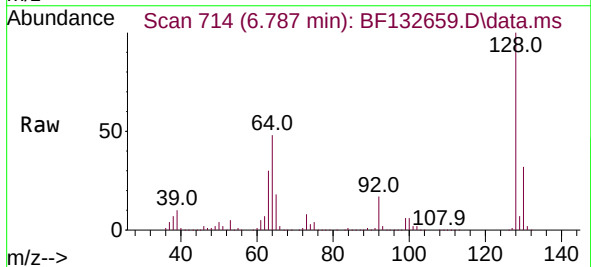
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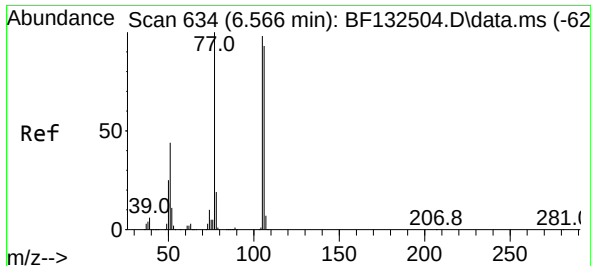
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#8
2-Chlorophenol
Concen: 47.432 ng
RT: 6.787 min Scan# 714
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

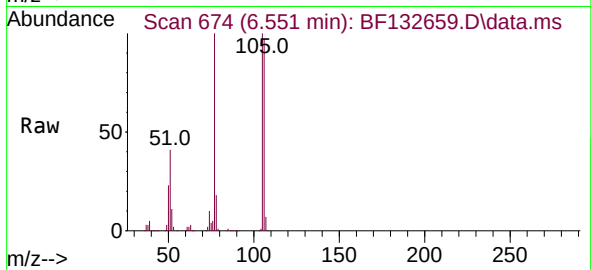
Tgt Ion:128 Resp: 560948
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 48.1 32.0 72.0





#9
Benzaldehyde
Concen: 34.582 ng
RT: 6.551 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
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COMP-1MSD



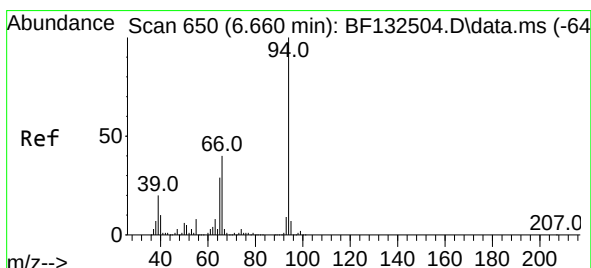
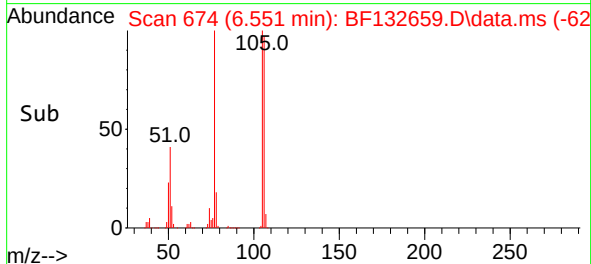
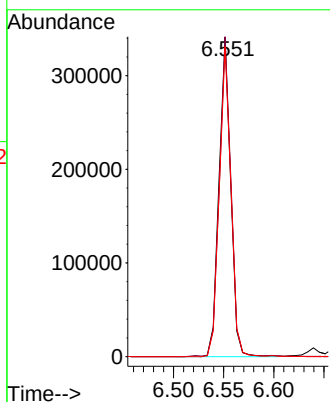
Tgt Ion: 77 Resp: 277507
Ion Ratio Lower Upper
77 100
105 100.2 77.9 117.9
106 97.0 73.4 113.4

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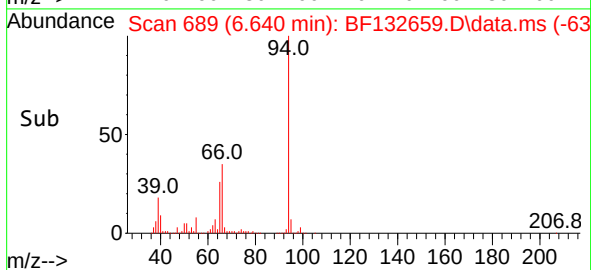
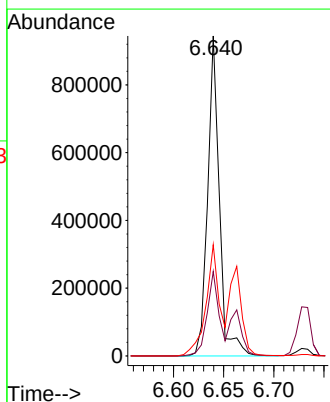
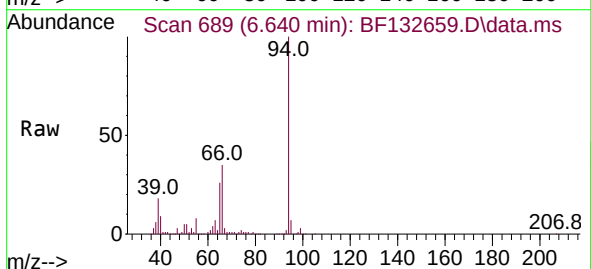
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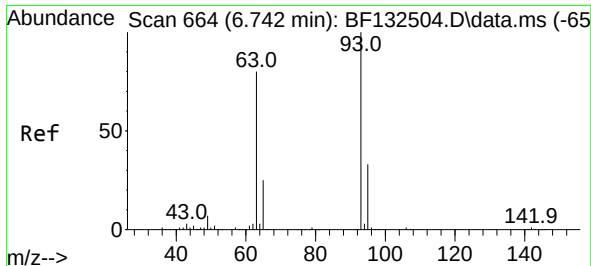
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#10
Phenol
Concen: 44.767 ng
RT: 6.640 min Scan# 689
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

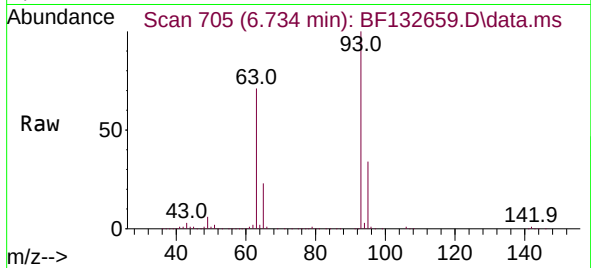
Tgt Ion: 94 Resp: 763256
Ion Ratio Lower Upper
94 100
65 26.4 9.4 49.4
66 34.7 19.8 59.8





#11
bis(2-Chloroethyl)ether
Concen: 44.820 ng
RT: 6.734 min Scan# 70
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



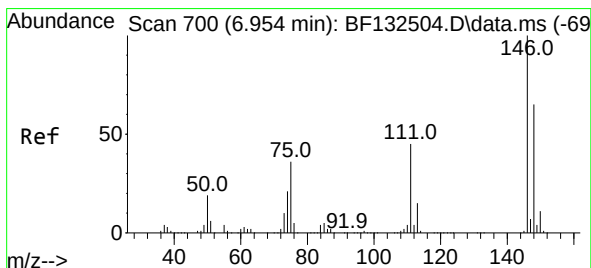
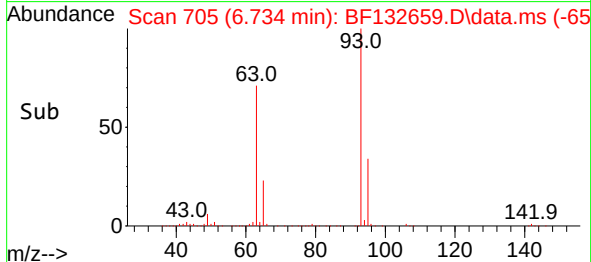
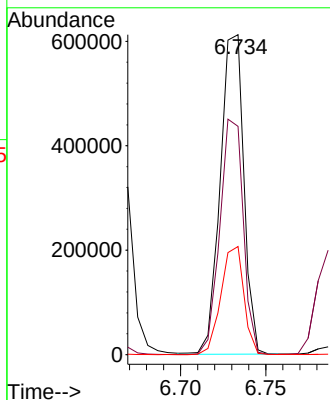
Tgt Ion: 93 Resp: 58991
Ion Ratio Lower Upper
93 100
63 71.3 59.6 99.6
95 33.8 12.8 52.8

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Reviewed By :Christian
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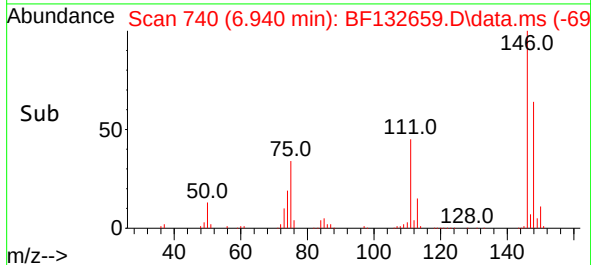
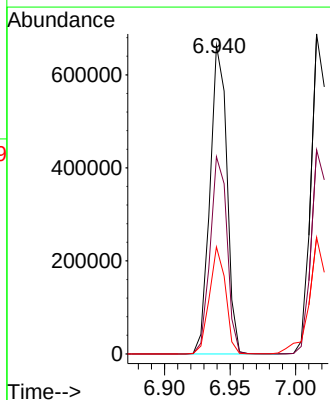
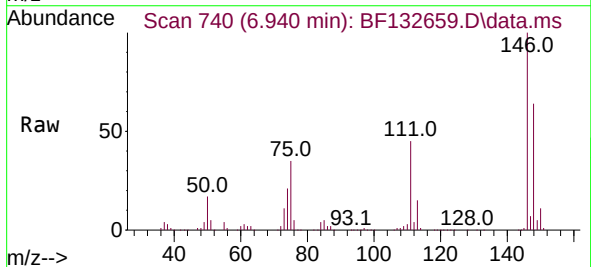
03/07/2023
Supervised By :Jagrut
Upadhyay

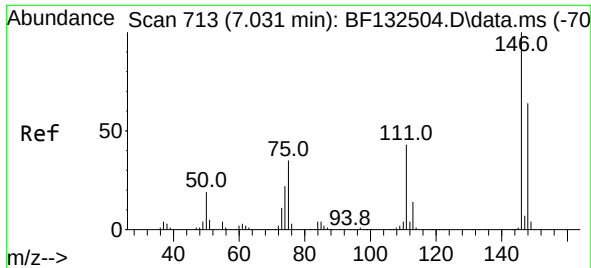
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#12
1,3-Dichlorobenzene
Concen: 46.968 ng
RT: 6.940 min Scan# 740
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

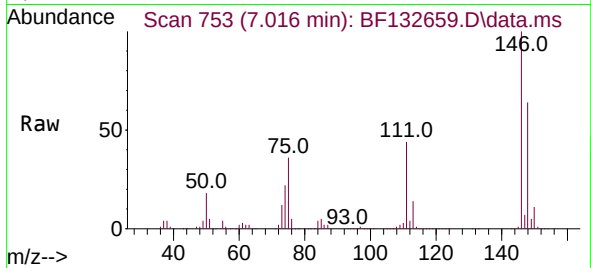
Tgt Ion:146 Resp: 596087
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 34.7 28.9 43.3





#13
1,4-Dichlorobenzene
Concen: 46.125 ng
RT: 7.016 min Scan# 713
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



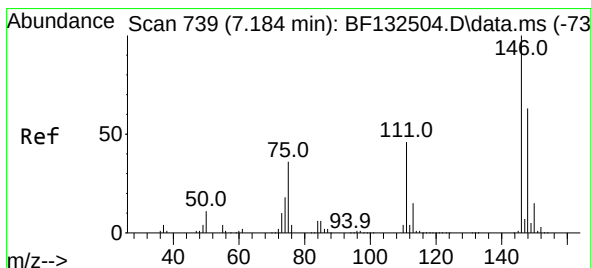
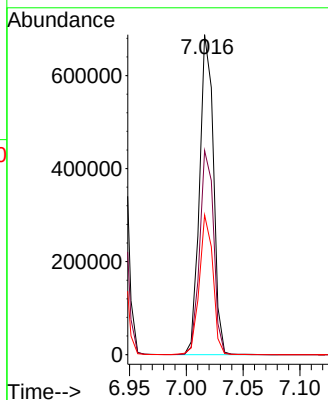
Tgt Ion:146 Resp: 584514
Ion Ratio Lower Upper
146 100
148 63.8 51.1 76.7
111 43.6 34.8 52.2

Manual Integrations
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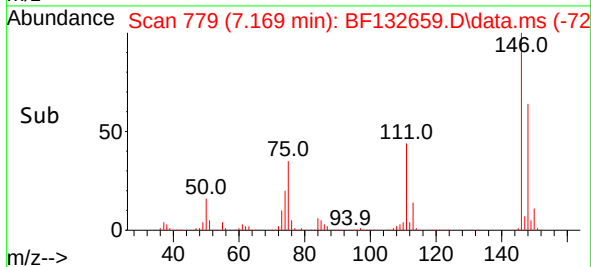
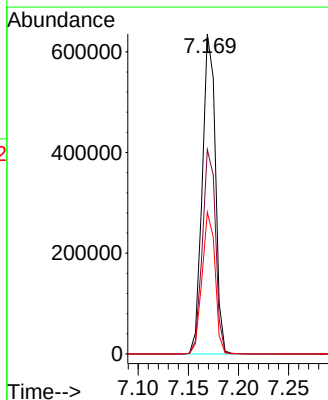
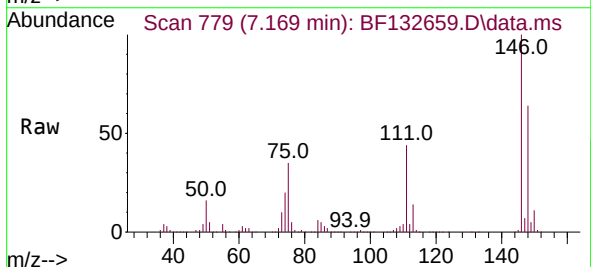
03/07/2023
Supervised By :Jagrut
Upadhyay

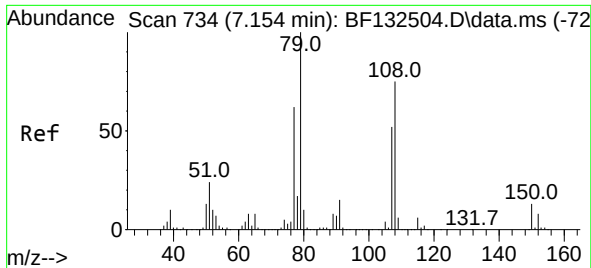
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#14
1,2-Dichlorobenzene
Concen: 47.245 ng
RT: 7.169 min Scan# 779
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

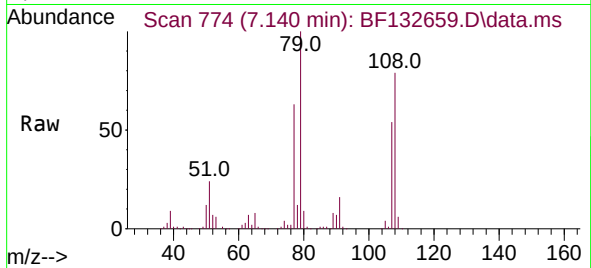
Tgt Ion:146 Resp: 574590
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
111 44.3 37.2 55.8





#15
Benzyl Alcohol
Concen: 43.797 ng
RT: 7.140 min Scan# 71
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



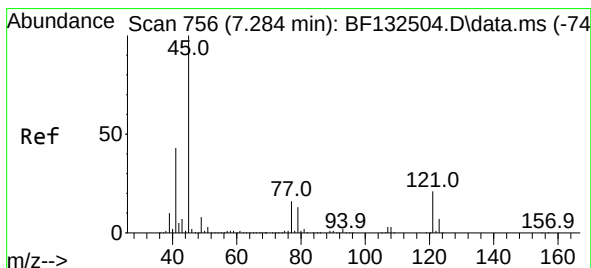
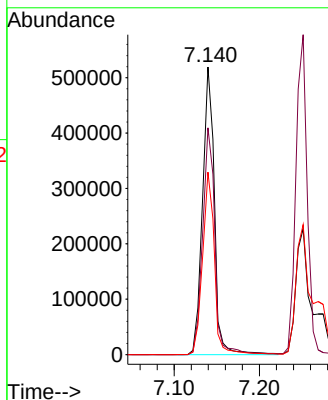
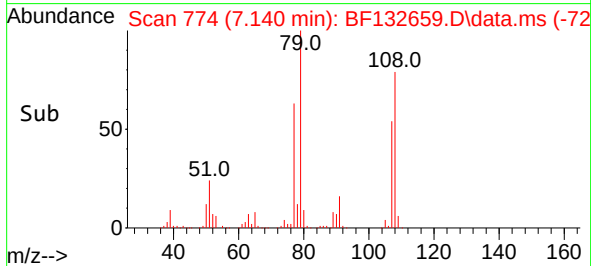
Tgt Ion: 79 Resp: 501611
Ion Ratio Lower Upper
79 100
108 78.9 60.2 90.4
77 63.5 49.9 74.9

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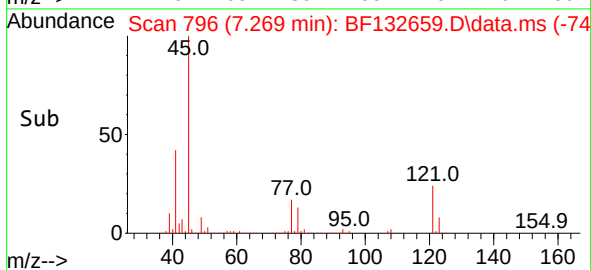
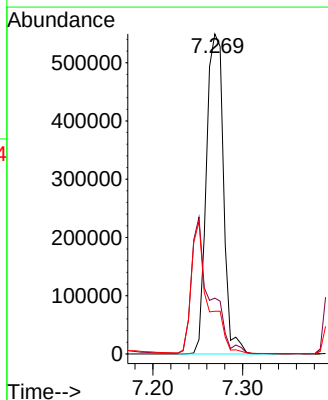
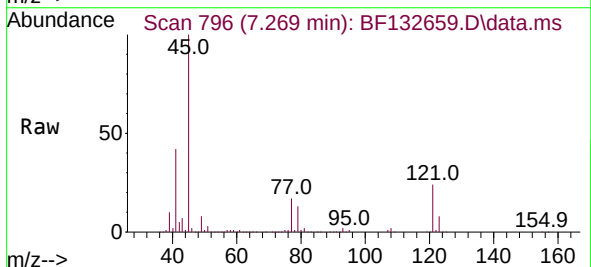
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Upadhyay

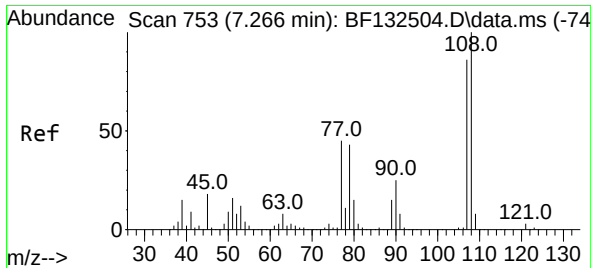
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.360 ng
RT: 7.269 min Scan# 796
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion: 45 Resp: 727770
Ion Ratio Lower Upper
45 100
77 17.5 0.0 36.4
79 13.3 0.0 33.4





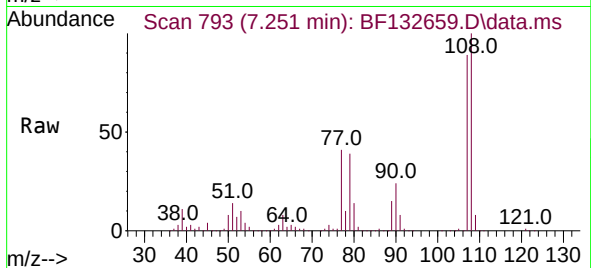
#17
2-Methylphenol
Concen: 42.047 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:107 Resp: 464086
Ion Ratio Lower Upper
107 100
108 112.5 93.0 139.4
77 45.7 42.1 63.1
79 44.2 39.6 59.4

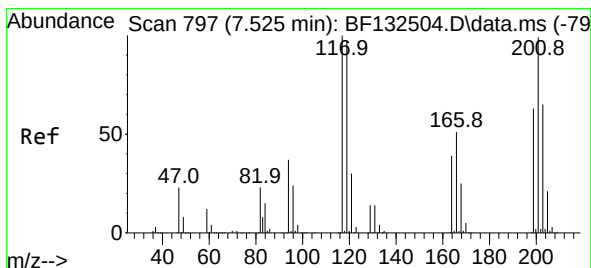
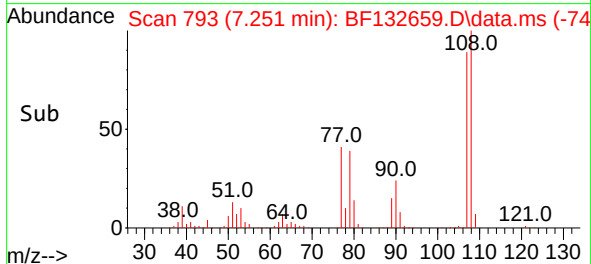
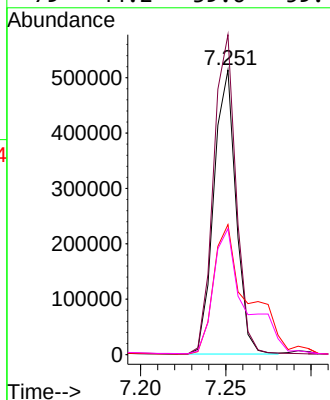
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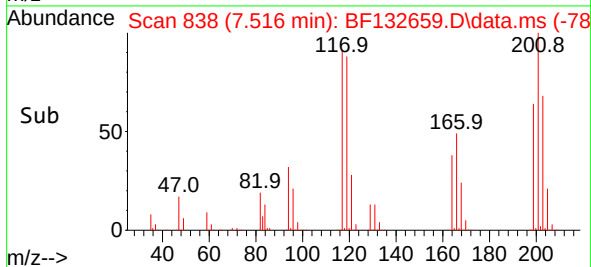
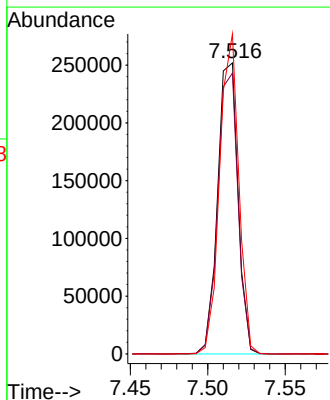
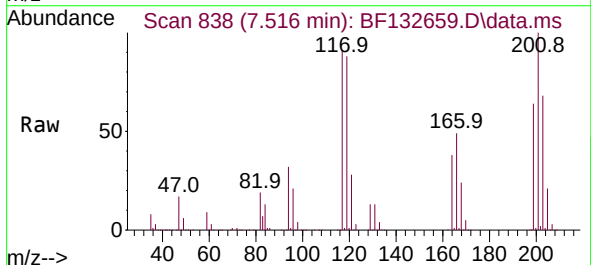
Supervised By :Jagrut
Upadhyay

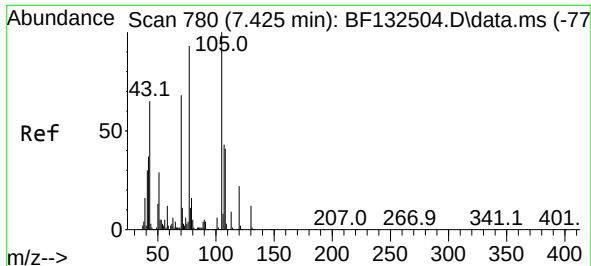
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#18
Hexachloroethane
Concen: 46.784 ng
RT: 7.516 min Scan# 838
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

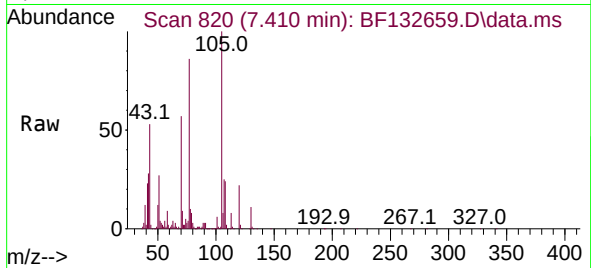
Tgt Ion:117 Resp: 231623
Ion Ratio Lower Upper
117 100
119 96.5 78.0 117.0
201 110.0 79.0 118.4





#19
n-Nitroso-di-n-propylamine
Concen: 37.805 ng
RT: 7.410 min Scan# 819
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



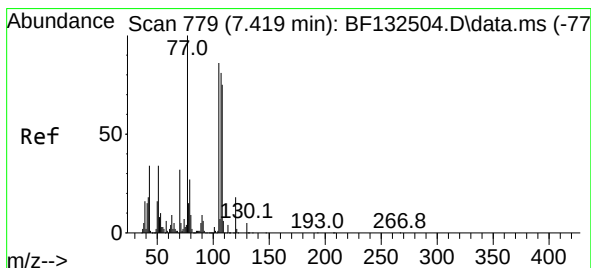
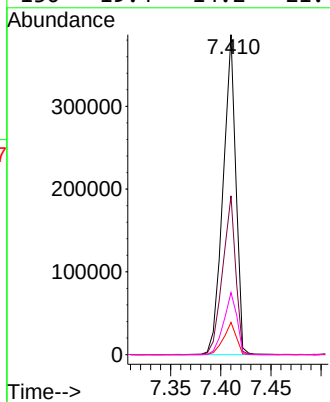
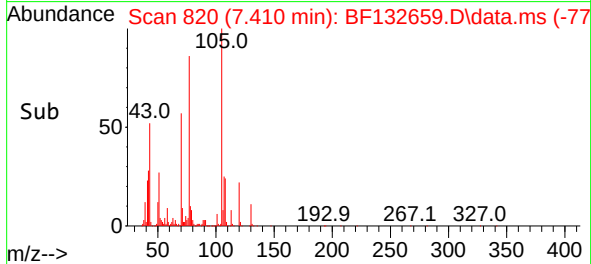
Tgt Ion: 70 Resp: 346009
Ion Ratio Lower Upper
70 100
42 49.6 44.1 66.1
101 10.1 7.4 11.2
130 19.4 14.2 21.4

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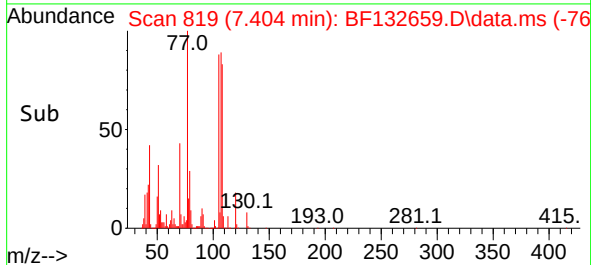
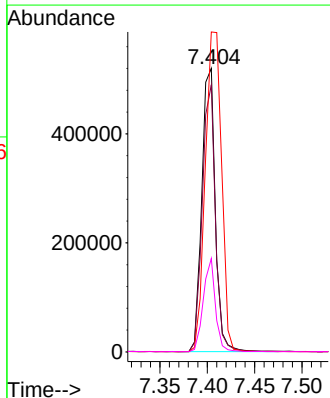
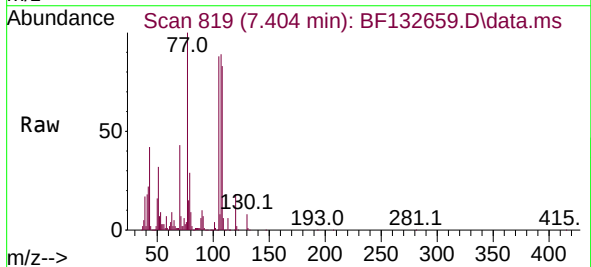
03/07/2023
Supervised By :Jagrut
Upadhyay

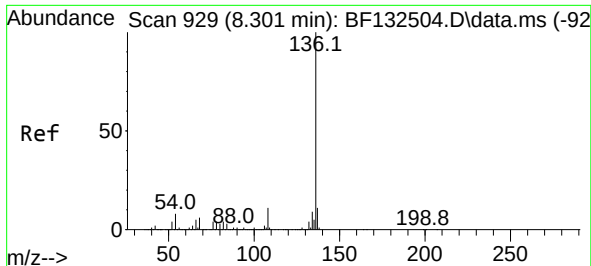
03/07/2023



#20
3+4-Methylphenols
Concen: 36.259 ng
RT: 7.404 min Scan# 819
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:107 Resp: 517042
Ion Ratio Lower Upper
107 100
108 94.2 72.6 112.6
77 112.9 104.0 144.0
79 32.9 14.1 54.1





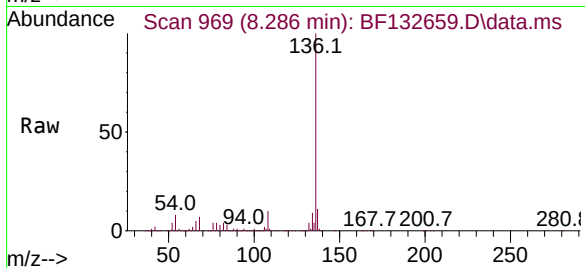
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:136 Resp: 668249
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.9 6.2 9.4
68 6.7 5.2 7.8

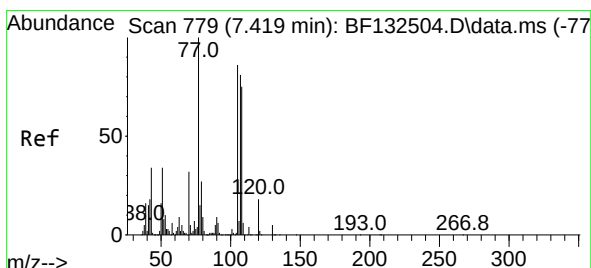
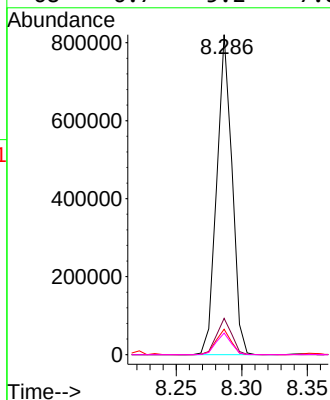
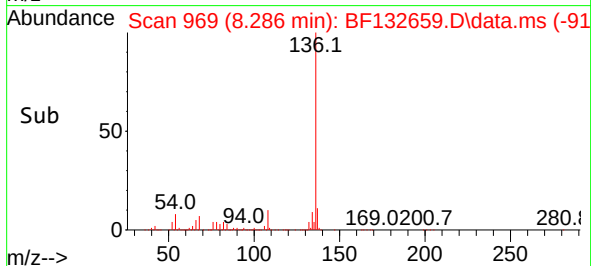
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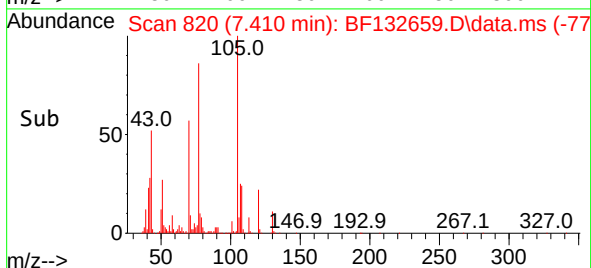
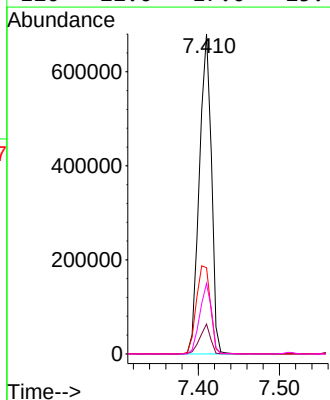
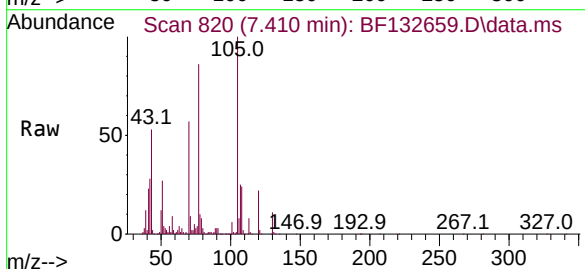
Supervised By :Jagrut
Upadhyay

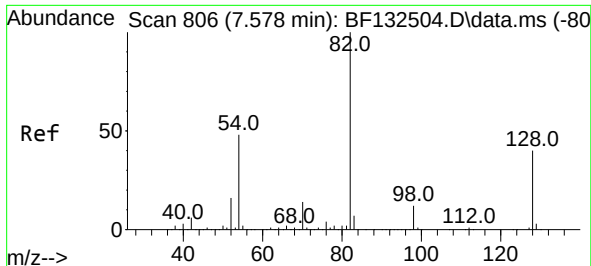
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#22
Acetophenone
Concen: 41.457 ng
RT: 7.410 min Scan# 820
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:105 Resp: 698555
Ion Ratio Lower Upper
105 100
71 9.3 5.0 7.4#
51 26.9 31.5 47.3#
120 22.0 17.0 25.4





#23

Nitrobenzene-d5

Concen: 37.797 ng

RT: 7.563 min Scan# 84

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion: 82 Resp: 53236

Ion Ratio Lower Upper

82 100

128 42.3 32.2 48.2

54 45.2 38.4 57.6

Manual Integrations

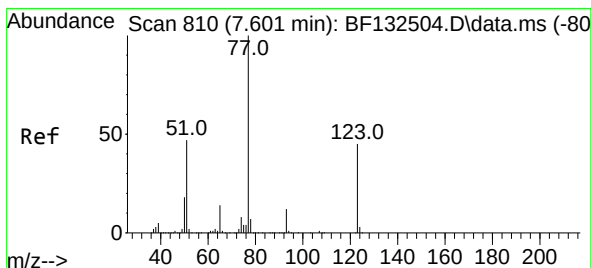
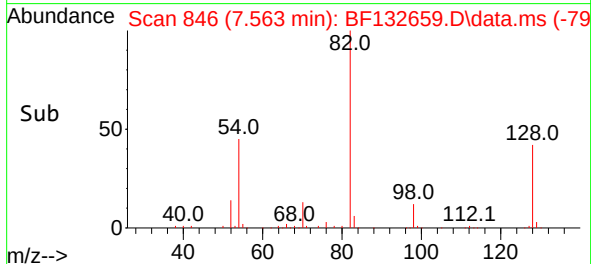
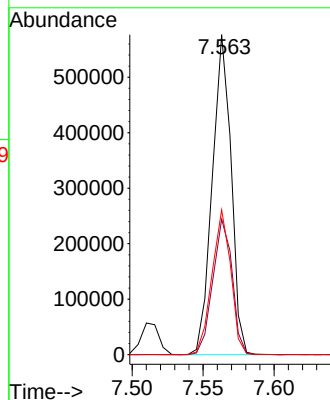
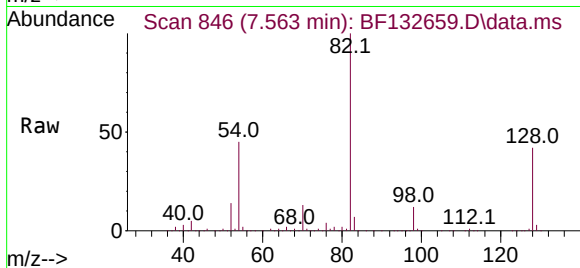
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Reviewed By :Christian
Giraldo

03/07/2023

Supervised By :Jagrut
Upadhyay

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#24

Nitrobenzene

Concen: 41.472 ng

RT: 7.587 min Scan# 850

Delta R.T. -0.009 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

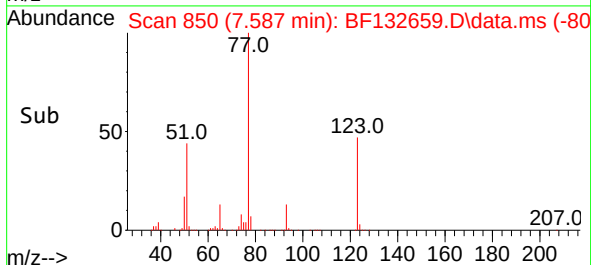
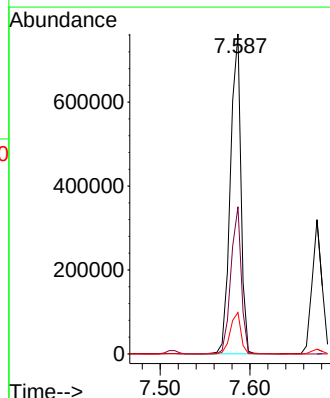
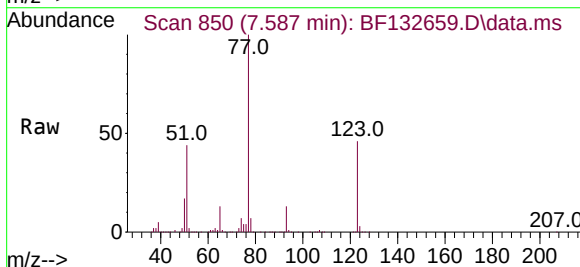
Tgt Ion: 77 Resp: 624724

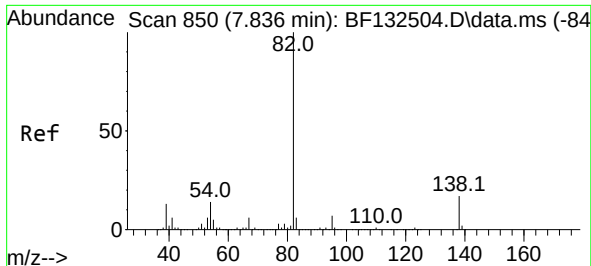
Ion Ratio Lower Upper

77 100

123 46.0 35.8 53.6

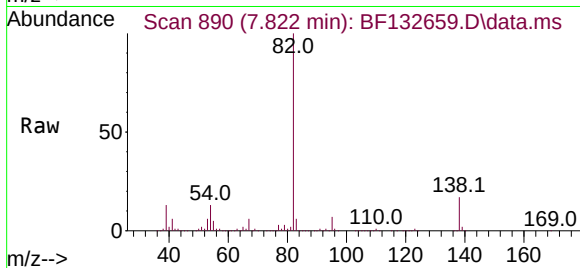
65 13.0 10.9 16.3





#25
Isophorone
Concen: 41.373 ng
RT: 7.822 min Scan# 890
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



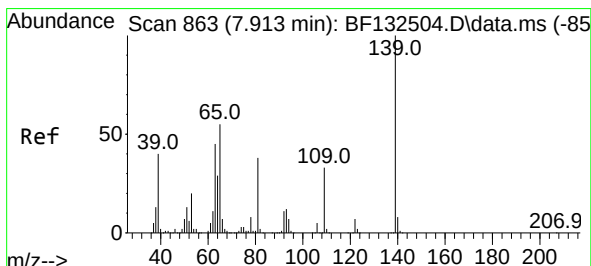
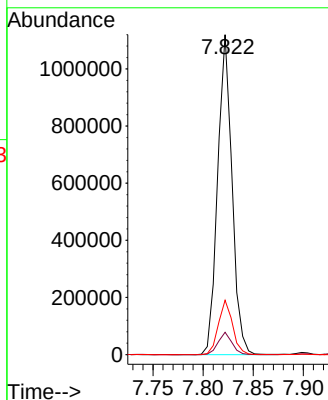
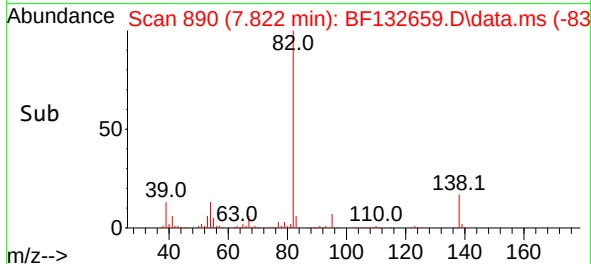
Tgt Ion: 82 Resp: 1117240
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 17.0 13.3 19.9

Manual Integrations
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Reviewed By :Christian
Giraldo

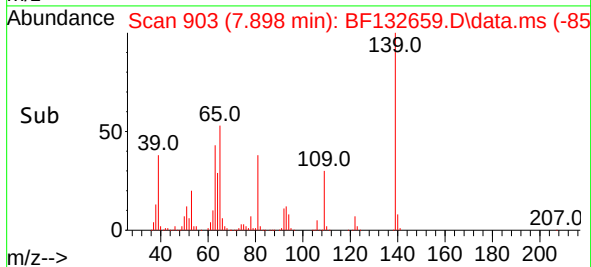
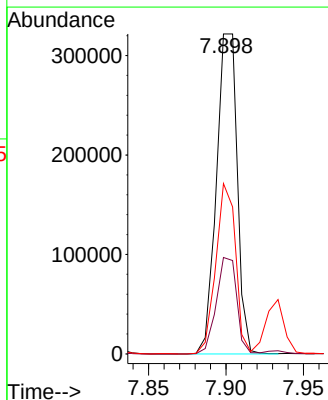
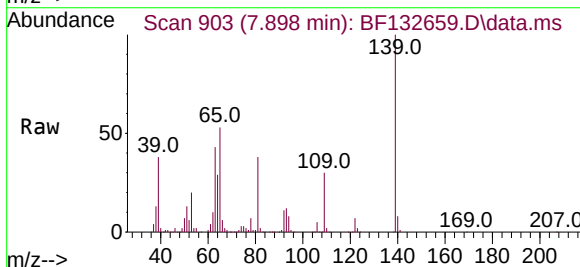
03/07/2023
Supervised By :Jagrut
Upadhyay

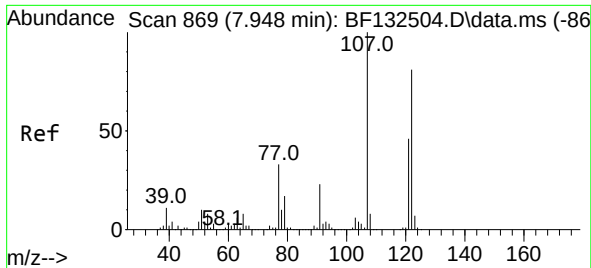
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#26
2-Nitrophenol
Concen: 45.416 ng
RT: 7.898 min Scan# 903
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:139 Resp: 301852
Ion Ratio Lower Upper
139 100
109 30.1 26.2 39.2
65 53.2 43.8 65.8





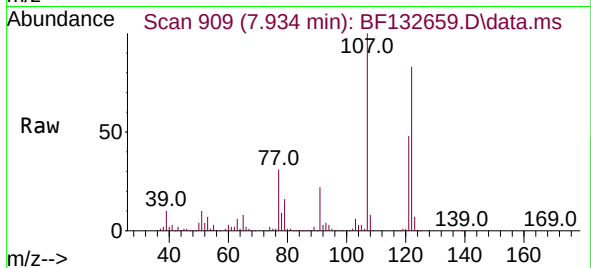
#27
2,4-Dimethylphenol
Concen: 43.443 ng
RT: 7.934 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:122 Resp: 455713
Ion Ratio Lower Upper
122 100
107 120.8 98.7 148.1
121 57.9 45.8 68.6

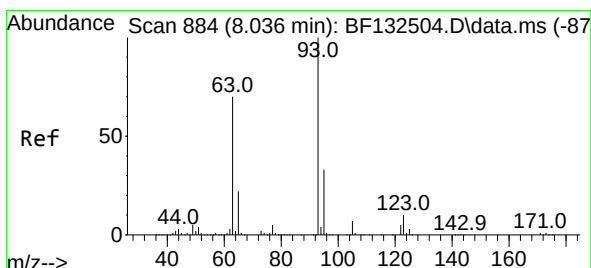
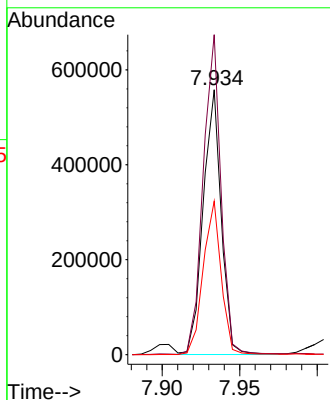
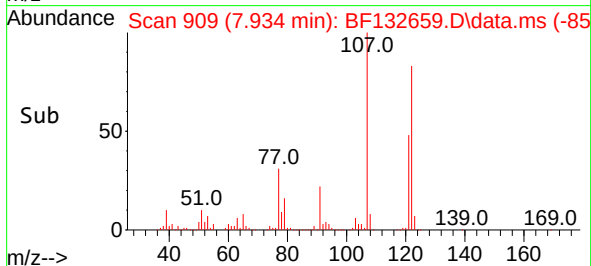
Manual Integrations
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Reviewed By :Christian
Giraldo

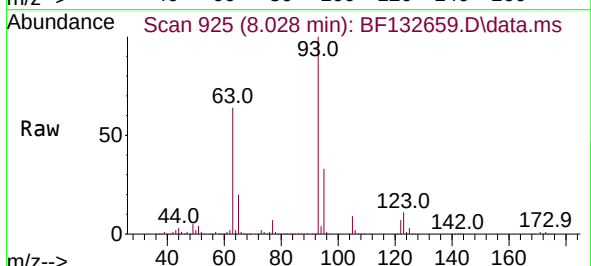
03/07/2023

Supervised By :Jagrut
Upadhyay

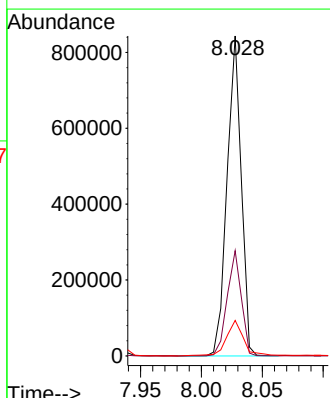
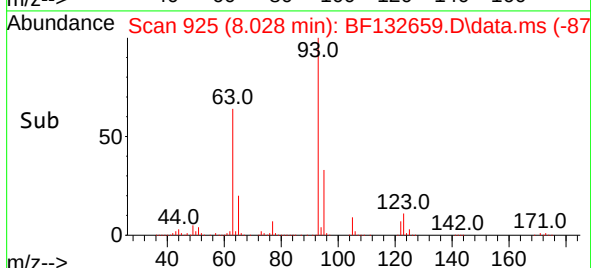
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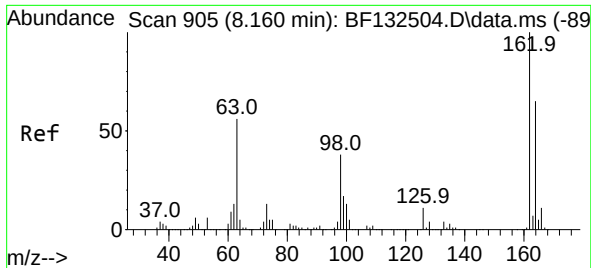


#28
bis(2-Chloroethoxy)methane
Concen: 43.161 ng
RT: 8.028 min Scan# 925
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion: 93 Resp: 681809
Ion Ratio Lower Upper
93 100
95 32.9 26.3 39.5
123 11.1 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 43.764 ng

RT: 8.145 min Scan# 945

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:162 Resp: 45666

Ion Ratio Lower Upper

162 100

164 64.7 45.3 85.3

98 36.0 17.9 57.9

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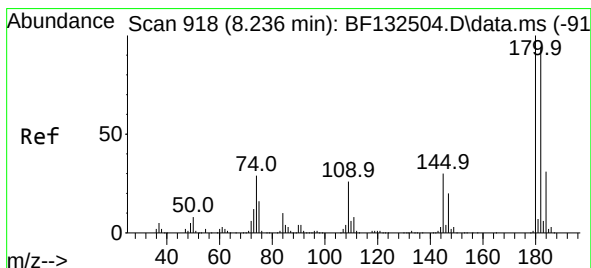
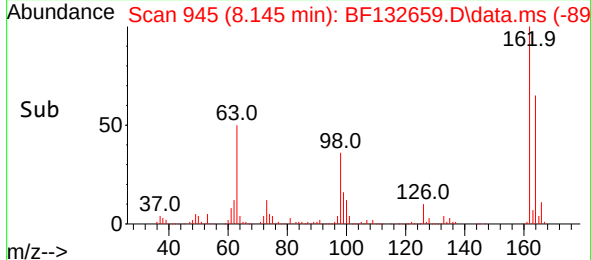
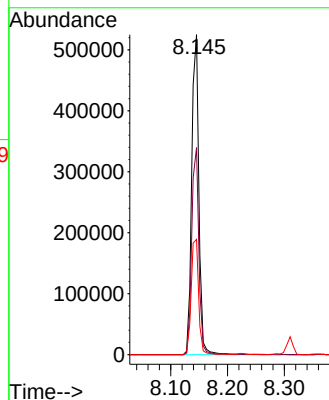
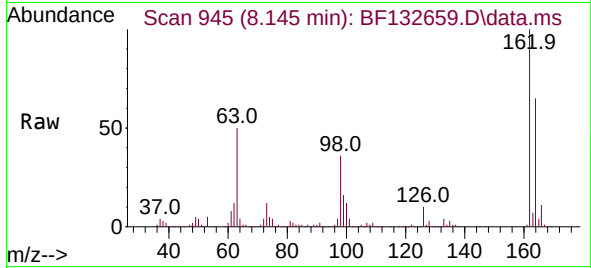
APPROVED

Reviewed By :Christian
Giraldo

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Supervised By :Jagrut
Upadhyay

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#30

1,2,4-Trichlorobenzene

Concen: 45.335 ng

RT: 8.228 min Scan# 959

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

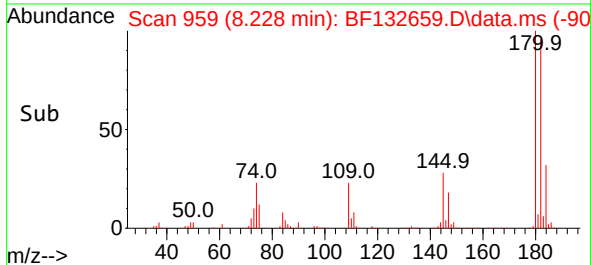
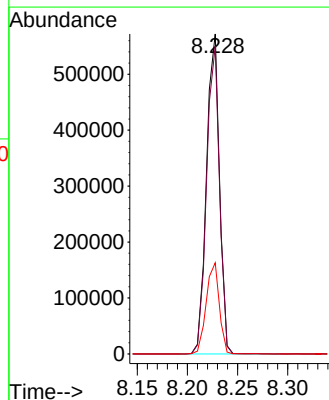
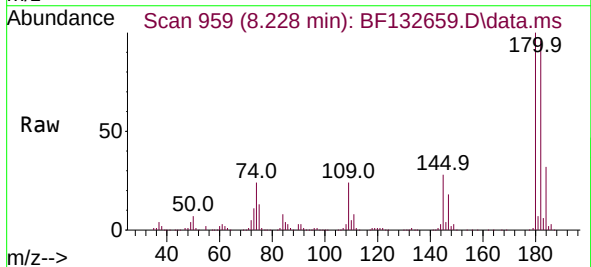
Tgt Ion:180 Resp: 513676

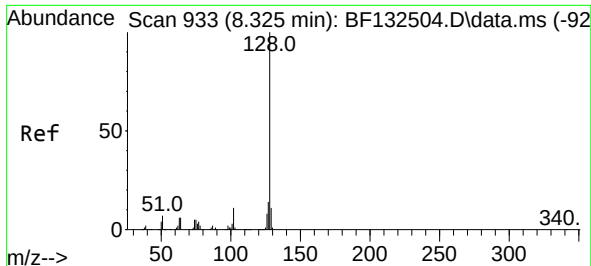
Ion Ratio Lower Upper

180 100

182 96.1 75.1 112.7

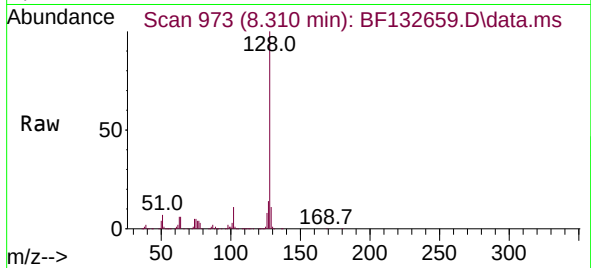
145 28.5 23.8 35.6





#31
Naphthalene
Concen: 42.598 ng
RT: 8.310 min Scan# 911
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



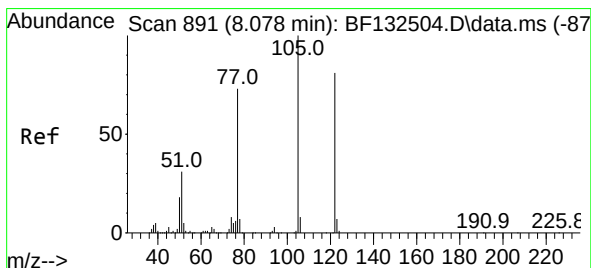
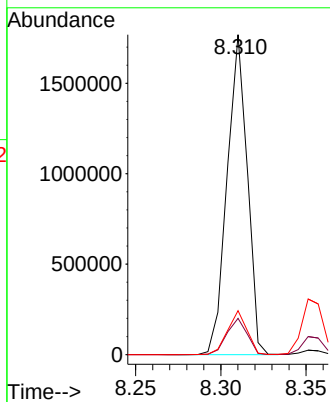
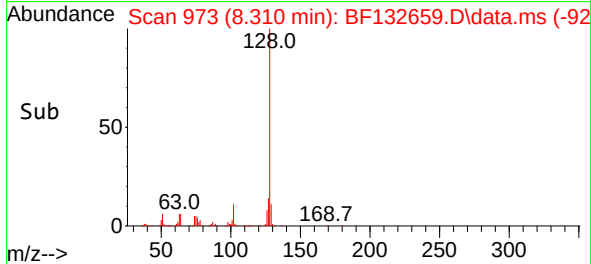
Tgt Ion:128 Resp: 1457290
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.7 11.0 16.6

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Reviewed By :Christian
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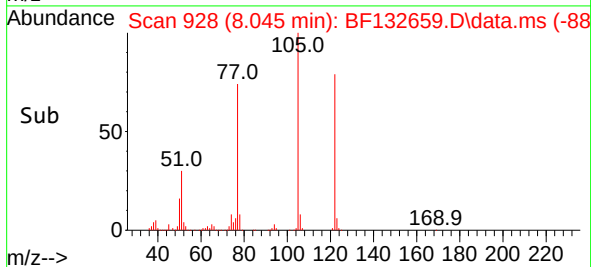
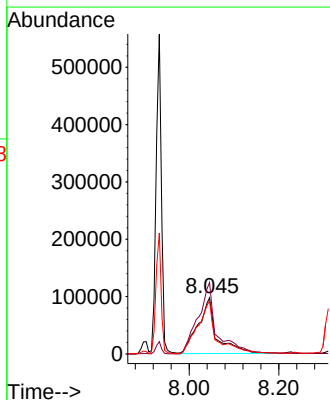
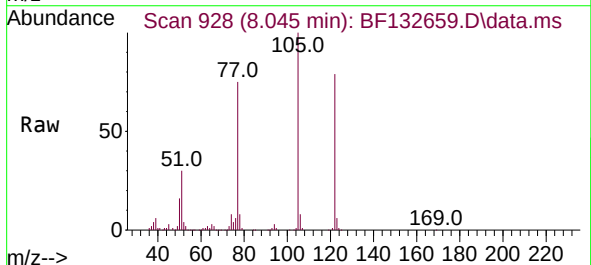
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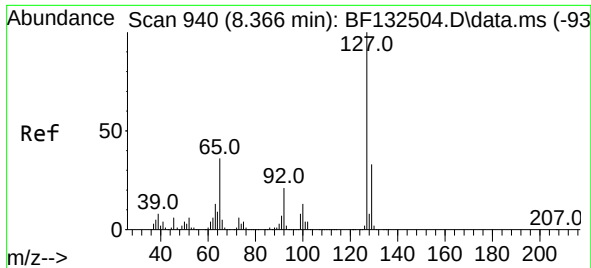
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#32
Benzoic acid
Concen: 35.287 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.021 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:122 Resp: 282560
Ion Ratio Lower Upper
122 100
105 127.3 102.6 142.6
77 94.9 70.2 110.2





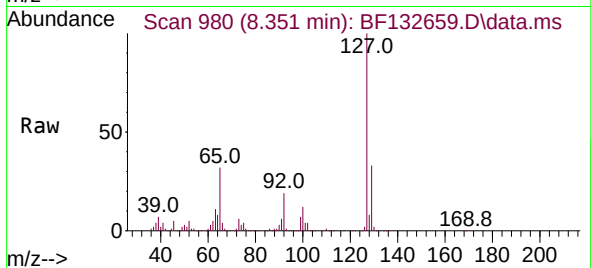
#33
4-Chloroaniline
Concen: 19.620 ng
RT: 8.351 min Scan# 980
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:127 Resp: 287618
Ion Ratio Lower Upper
127 100
129 32.5 26.4 39.6
65 31.6 28.8 43.2
92 18.8 17.1 25.7

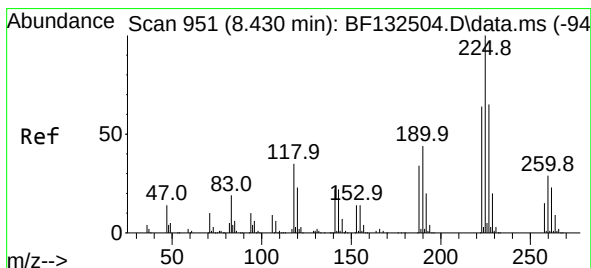
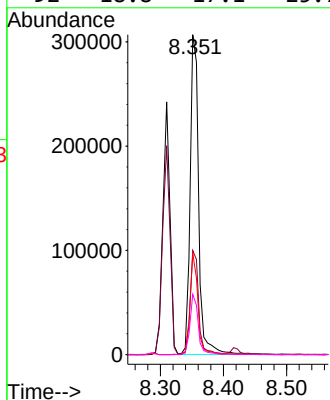
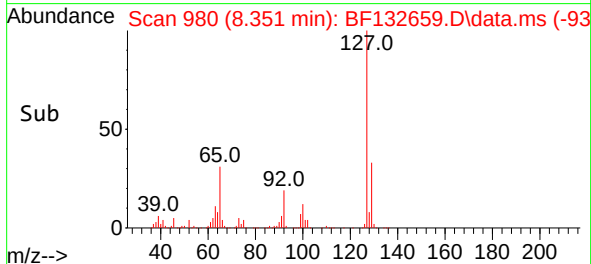
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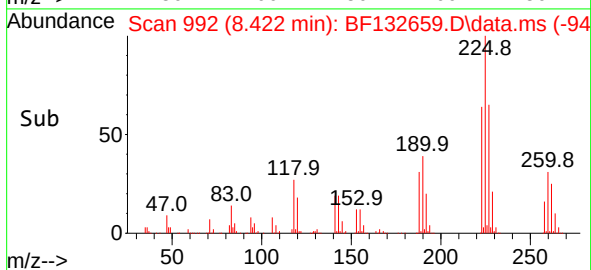
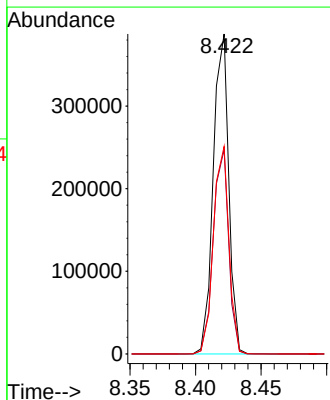
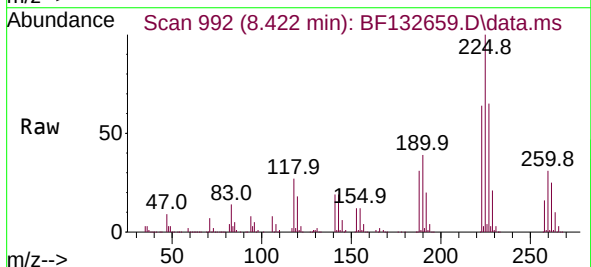
Supervised By :Jagrut
Upadhyay

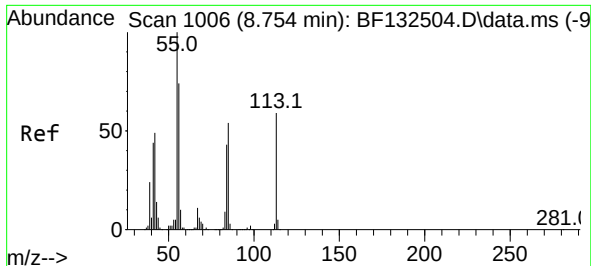
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#34
Hexachlorobutadiene
Concen: 44.326 ng
RT: 8.422 min Scan# 992
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

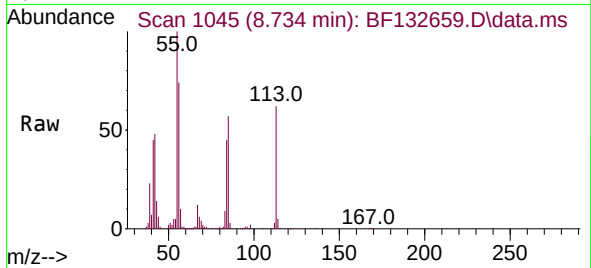
Tgt Ion:225 Resp: 319148
Ion Ratio Lower Upper
225 100
223 63.9 51.0 76.4
227 64.8 51.7 77.5





#35
Caprolactam
Concen: 41.201 ng m
RT: 8.734 min Scan# 1045
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



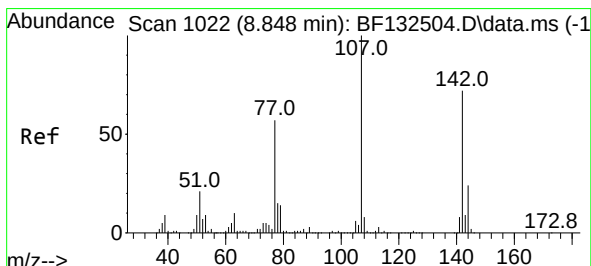
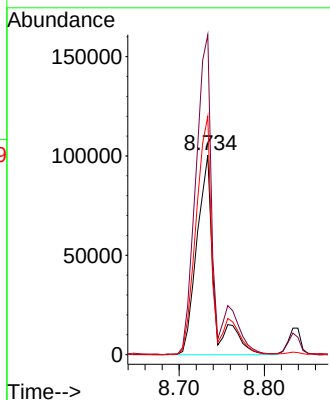
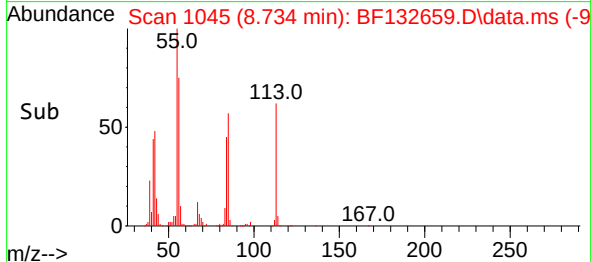
Tgt Ion:113 Resp: 141735
Ion Ratio Lower Upper
113 100
55 160.4 149.4 189.4
56 119.3 105.0 145.0

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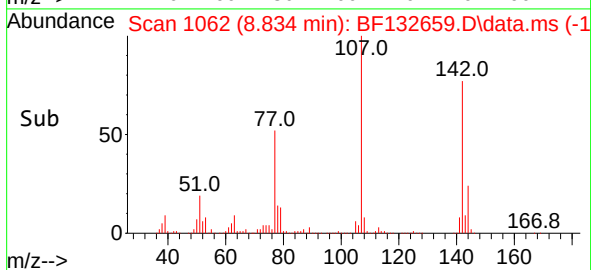
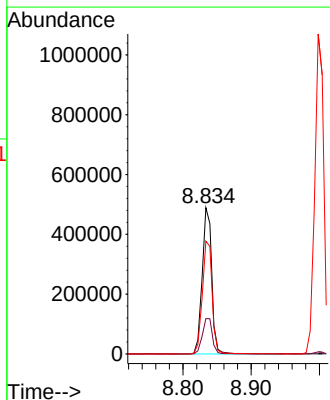
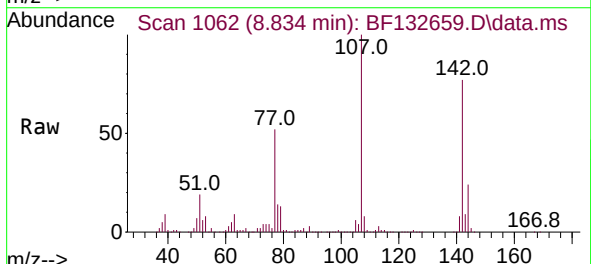
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Supervised By :Jagrut
Upadhyay

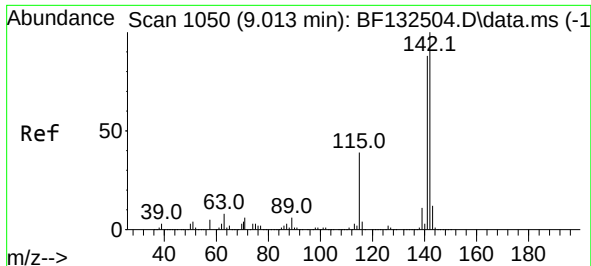
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#36
4-Chloro-3-methylphenol
Concen: 41.583 ng
RT: 8.834 min Scan# 1062
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:107 Resp: 476517
Ion Ratio Lower Upper
107 100
144 24.2 18.9 28.3
142 77.2 57.9 86.9





#37
2-Methylnaphthalene
Concen: 41.499 ng
RT: 8.998 min Scan# 1107
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:142 Resp: 967510
Ion Ratio Lower Upper
142 100
141 87.5 70.2 105.2

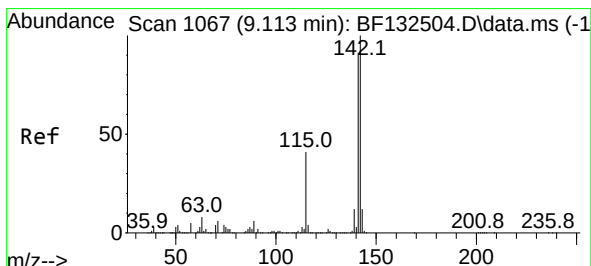
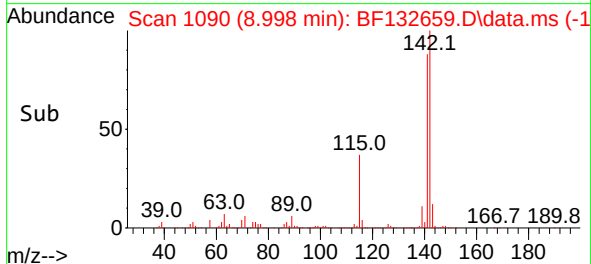
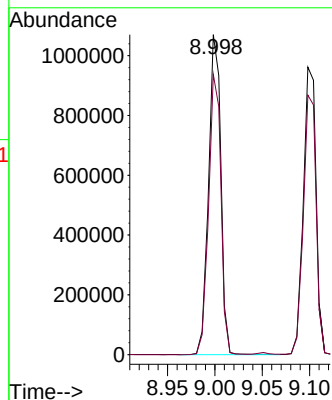
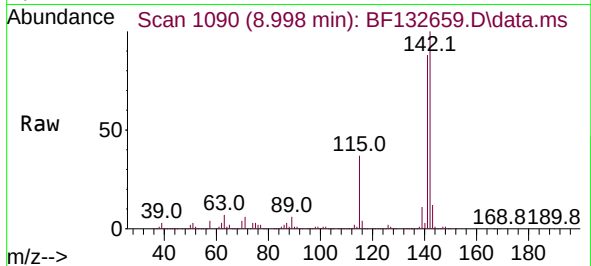
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Giraldo

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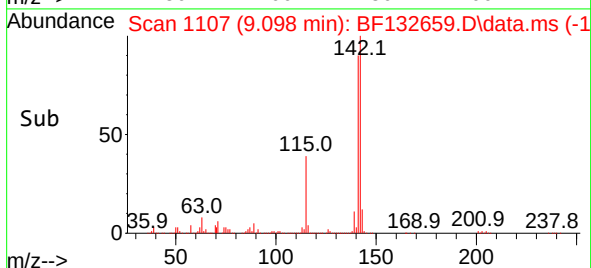
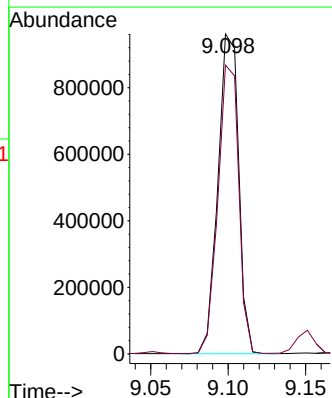
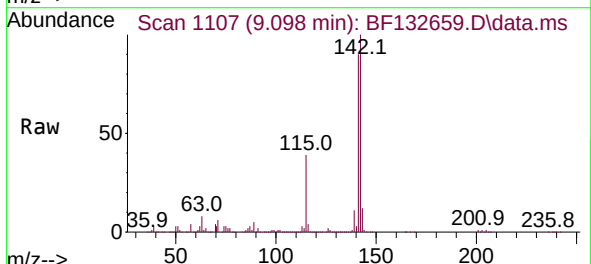
Supervised By :Jagrut
Upadhyay

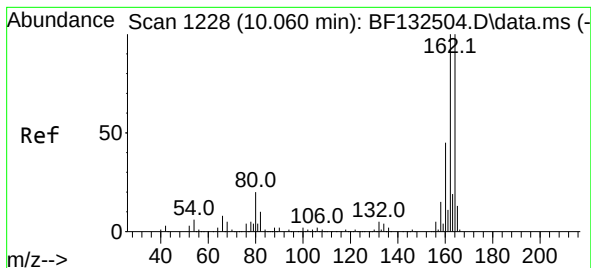
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#38
1-Methylnaphthalene
Concen: 41.228 ng
RT: 9.098 min Scan# 1107
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:142 Resp: 898261
Ion Ratio Lower Upper
142 100
141 90.2 73.0 109.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1119

Delta R.T. -0.003 min

Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:164 Resp: 340772

Ion	Ratio	Lower	Upper
164	100		
162	104.3	79.8	119.8
160	45.9	35.8	53.6

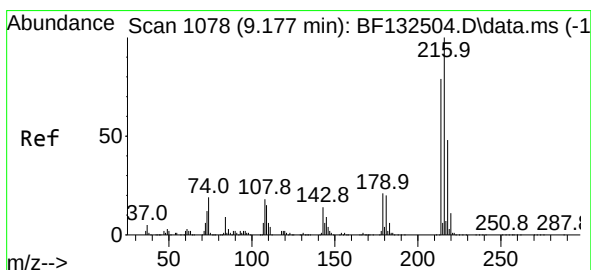
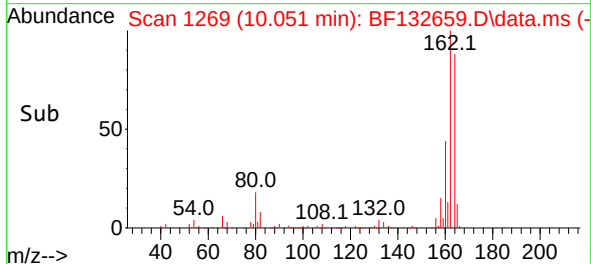
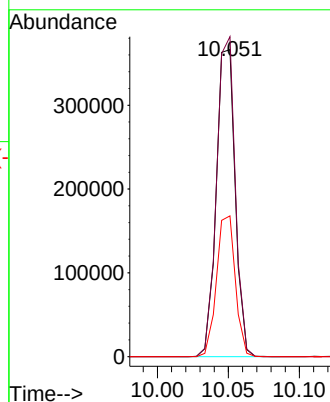
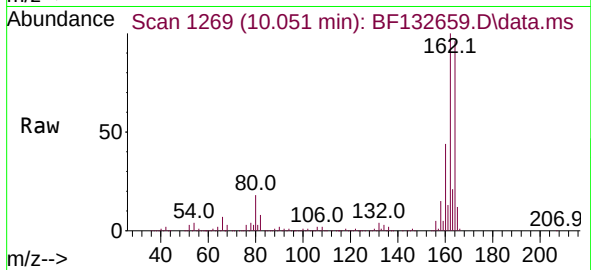
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Reviewed By :Christian
Giraldo

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.088 ng

RT: 9.169 min Scan# 1119

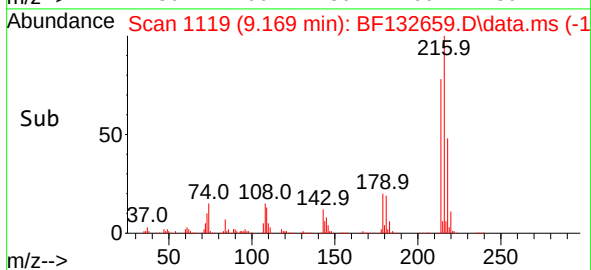
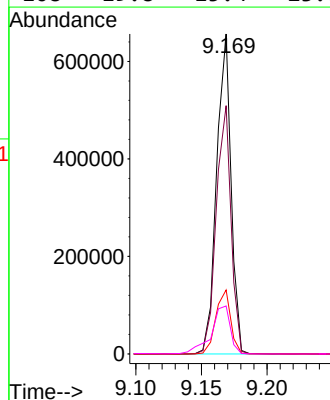
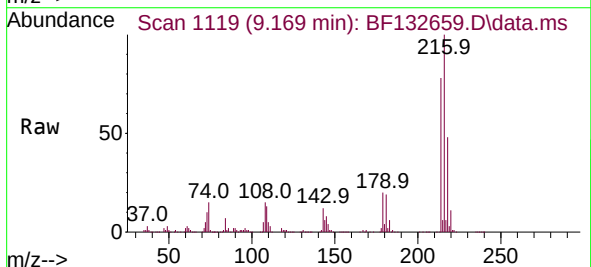
Delta R.T. -0.003 min

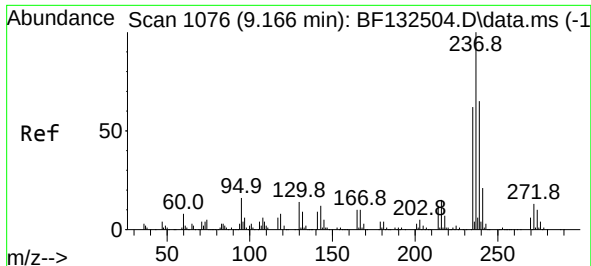
Lab File: BF132659.D

Acq: 06 Mar 2023 20:45

Tgt Ion:216 Resp: 502692

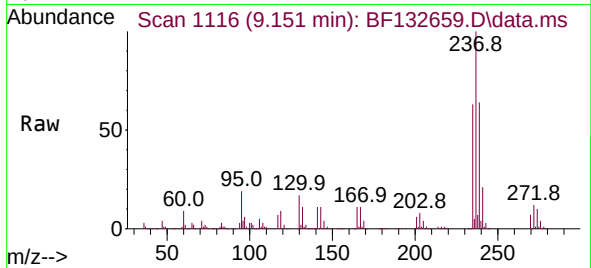
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.6
179	20.5	16.6	24.8
108	19.8	15.4	23.0





#41
Hexachlorocyclopentadiene
Concen: 86.025 ng
RT: 9.151 min Scan# 1116
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



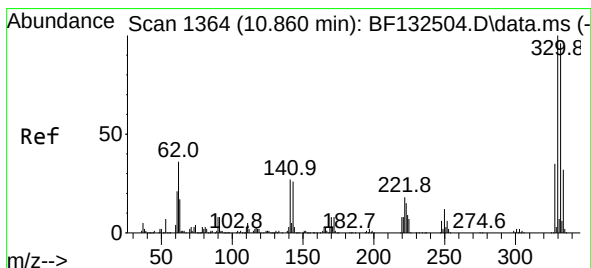
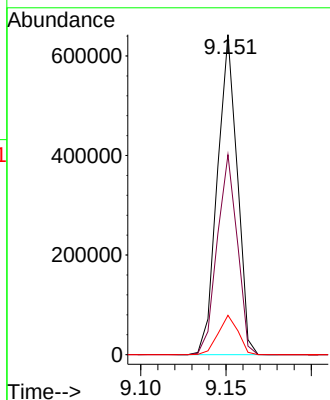
Tgt Ion:237 Resp: 520216
Ion Ratio Lower Upper
237 100
235 62.5 42.4 82.4
272 12.3 0.0 32.7

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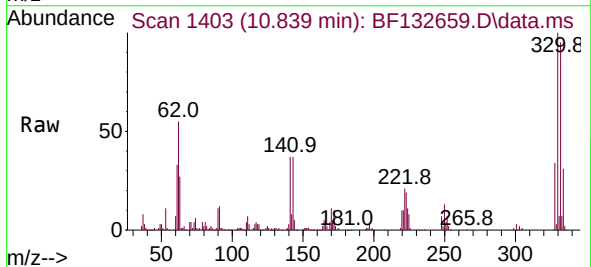
Reviewed By :Christian
Giraldo

03/07/2023
Supervised By :Jagrut
Upadhyay

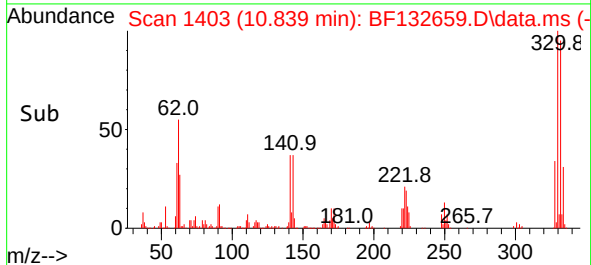
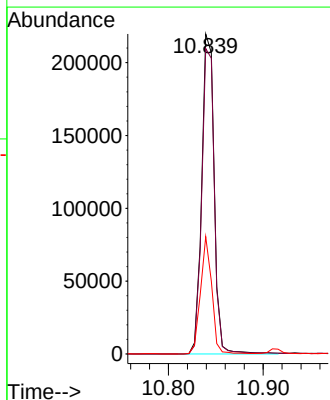
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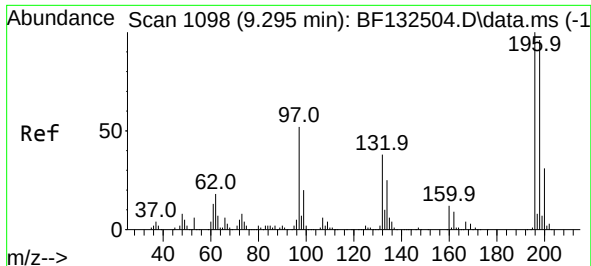


#42
2,4,6-Tribromophenol
Concen: 54.705 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion:330 Resp: 201324
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 33.1 28.4 42.6





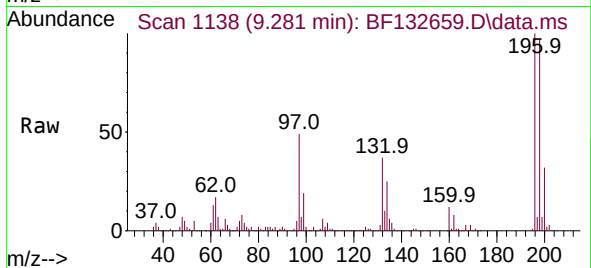
#43
2,4,6-Trichlorophenol
Concen: 44.181 ng
RT: 9.281 min Scan# 1114
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:196 Resp: 333822
Ion Ratio Lower Upper
196 100
198 96.9 77.1 115.7
200 31.8 25.0 37.4

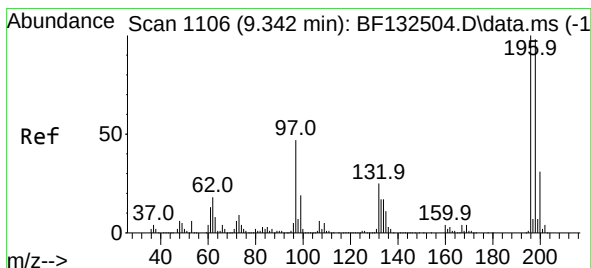
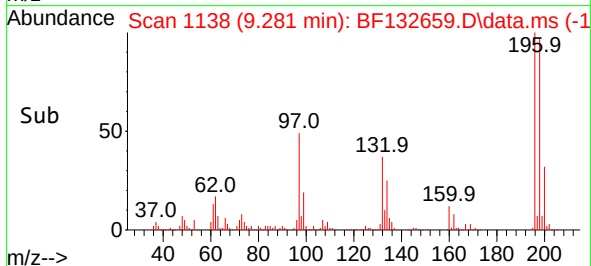
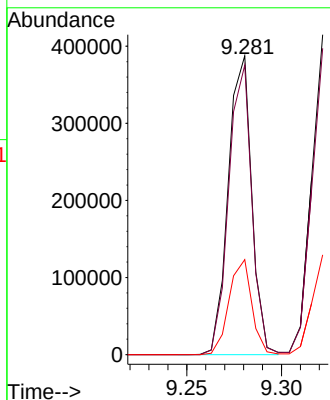
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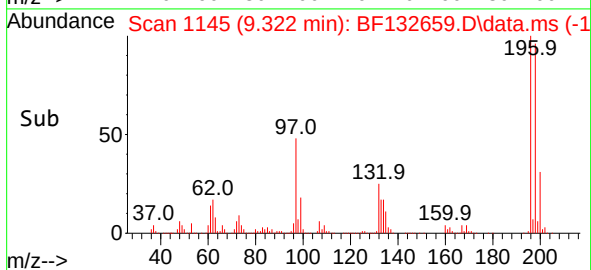
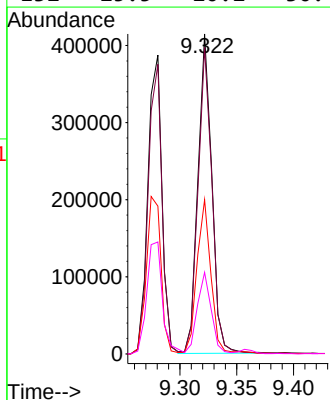
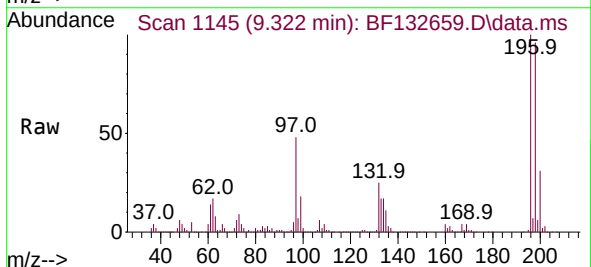
Supervised By :Jagrut
Upadhyay

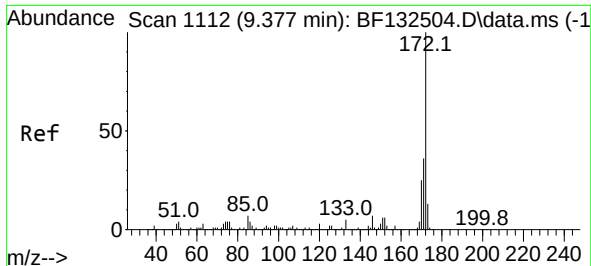
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#44
2,4,5-Trichlorophenol
Concen: 39.953 ng
RT: 9.322 min Scan# 1145
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

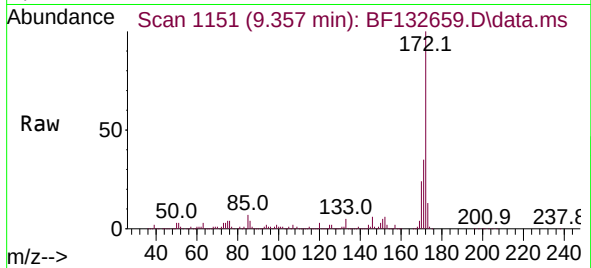
Tgt Ion:196 Resp: 352329
Ion Ratio Lower Upper
196 100
198 95.7 78.3 117.5
97 48.2 38.1 57.1
132 25.5 20.2 30.4





#45
2-Fluorobiphenyl
Concen: 40.707 ng
RT: 9.357 min Scan# 1112
Delta R.T. -0.015 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



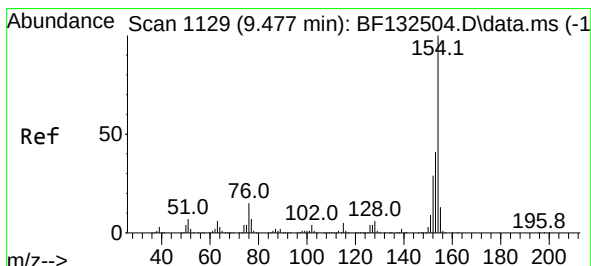
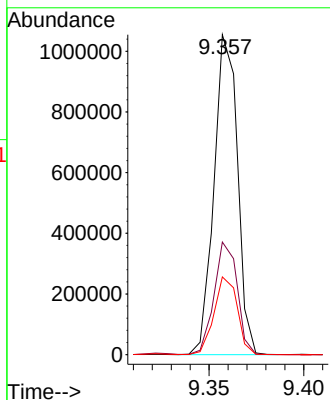
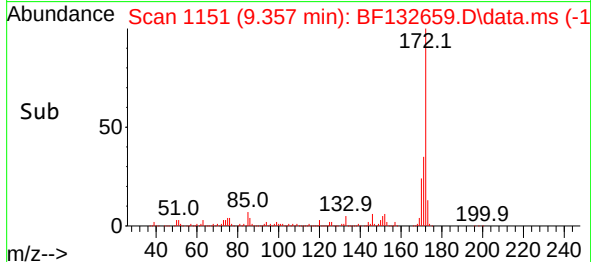
Tgt Ion:172 Resp: 911021
Ion Ratio Lower Upper
172 100
171 35.2 28.8 43.2
170 24.3 19.7 29.5

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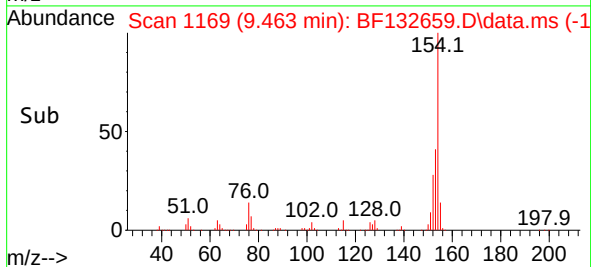
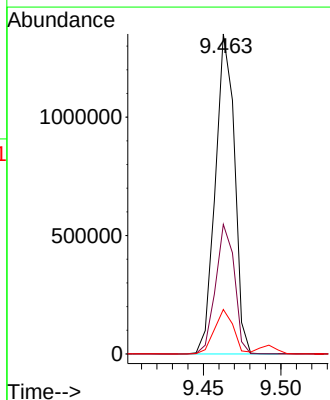
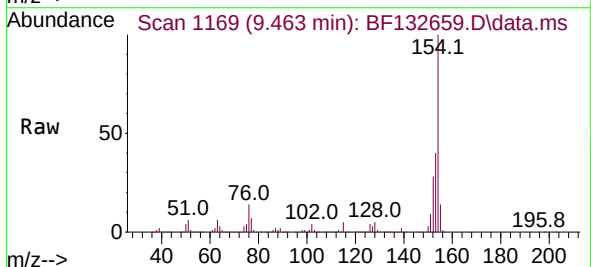
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Supervised By :Jagrut
Upadhyay

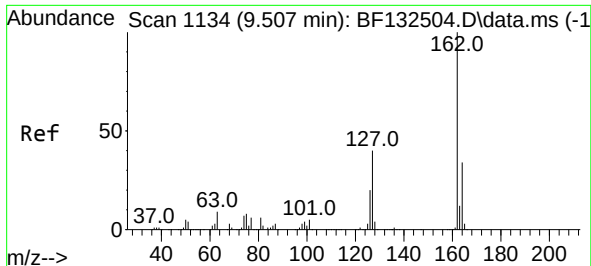
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#46
1,1'-Biphenyl
Concen: 45.302 ng
RT: 9.463 min Scan# 1169
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:154 Resp: 1168454
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 13.9 0.0 34.7





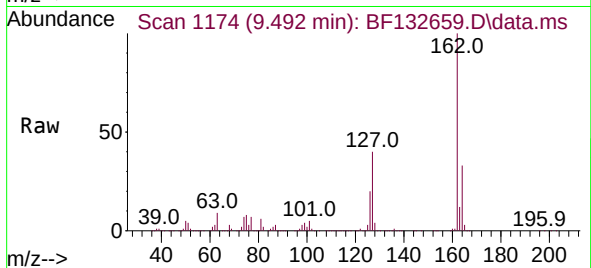
#47
2-Chloronaphthalene
Concen: 45.736 ng
RT: 9.492 min Scan# 1174
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:162 Resp: 935285
Ion Ratio Lower Upper
162 100
127 39.5 32.3 48.5
164 33.3 26.9 40.3

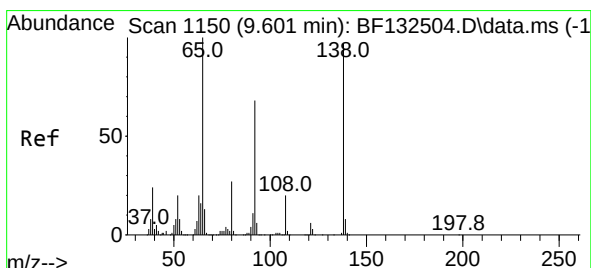
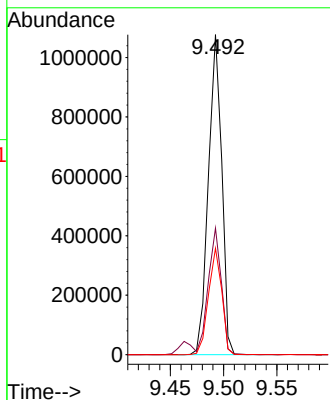
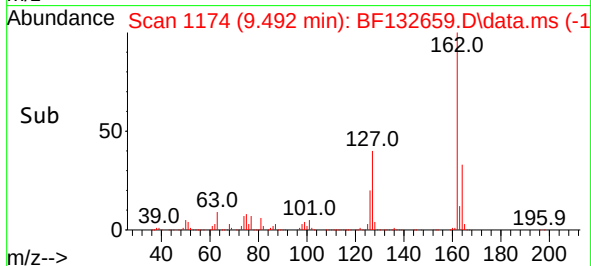
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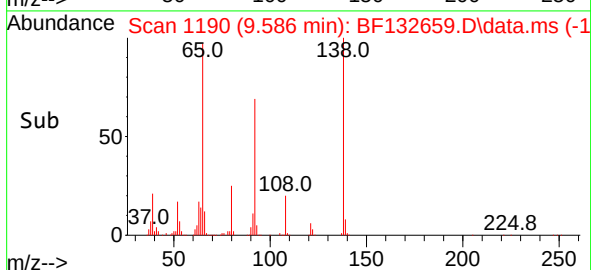
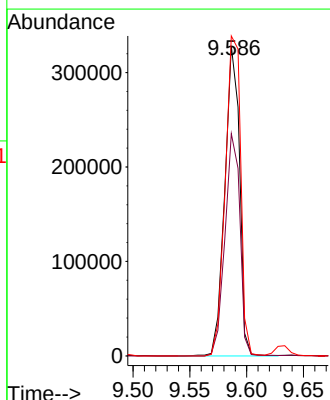
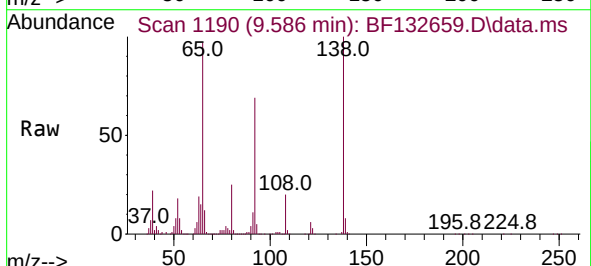
Supervised By :Jagrut
Upadhyay

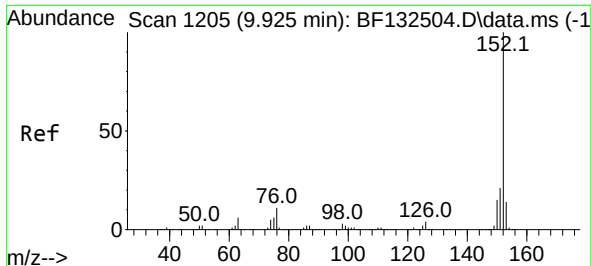
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#48
2-Nitroaniline
Concen: 39.206 ng
RT: 9.586 min Scan# 1190
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion: 65 Resp: 295281
Ion Ratio Lower Upper
65 100
92 71.7 54.5 81.7
138 103.2 77.2 115.8





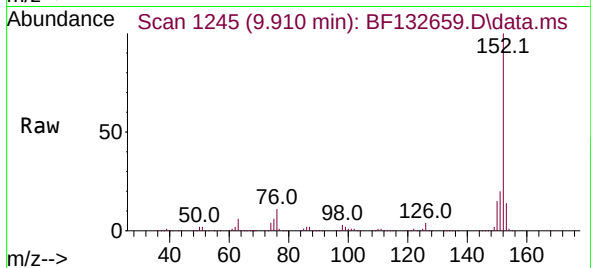
#49
Acenaphthylene
Concen: 43.319 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:152 Resp: 1409836
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.8 11.0 16.6

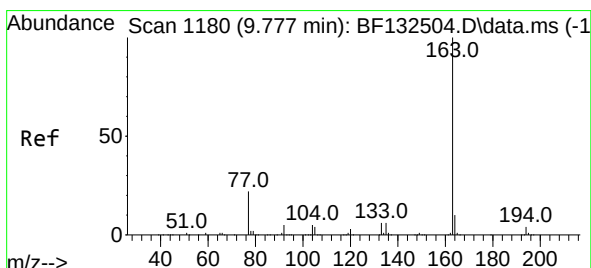
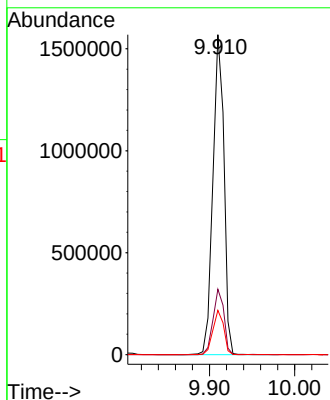
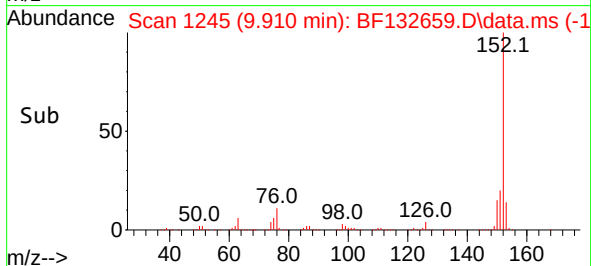
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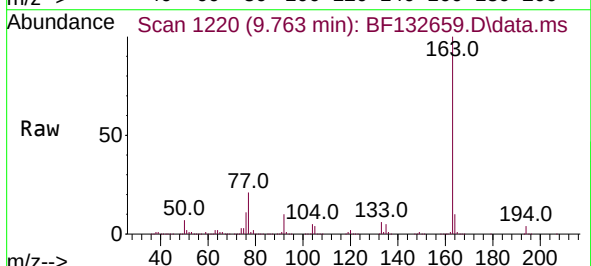
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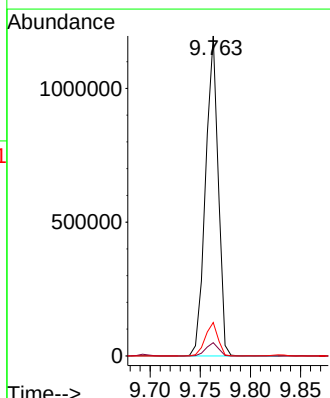
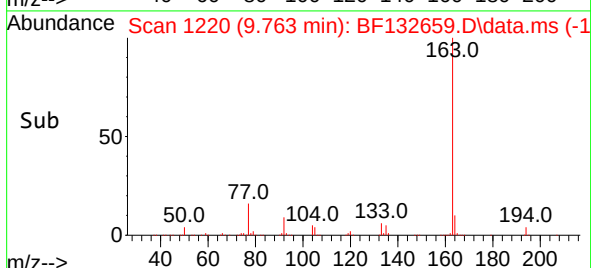
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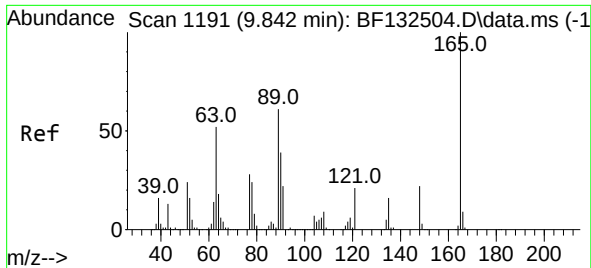


#50
Dimethylphthalate
Concen: 42.183 ng
RT: 9.763 min Scan# 1220
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion:163 Resp: 1046674
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.4 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.519 ng
RT: 9.828 min Scan# 1191
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

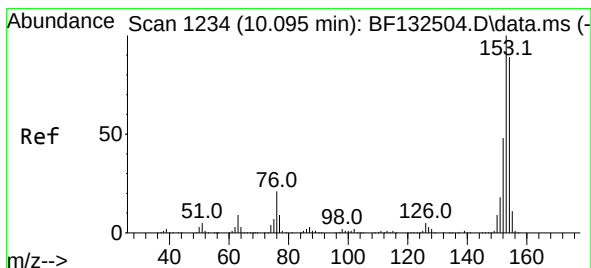
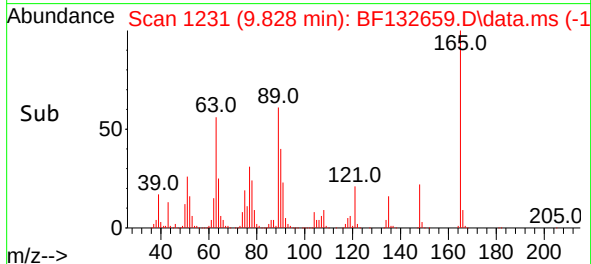
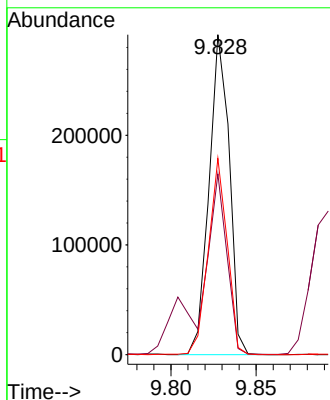
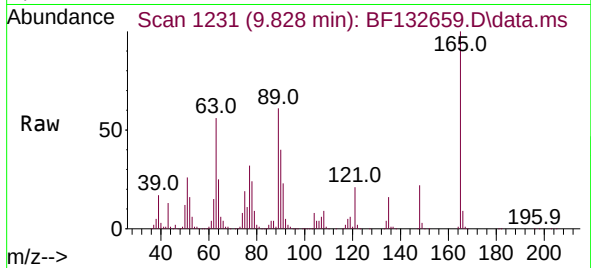
Tgt Ion:165 Resp: 240266
Ion Ratio Lower Upper
165 100
63 56.5 47.3 70.9
89 61.3 48.9 73.3

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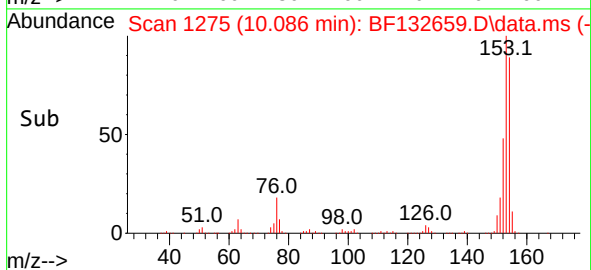
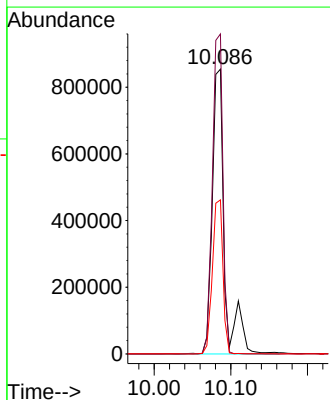
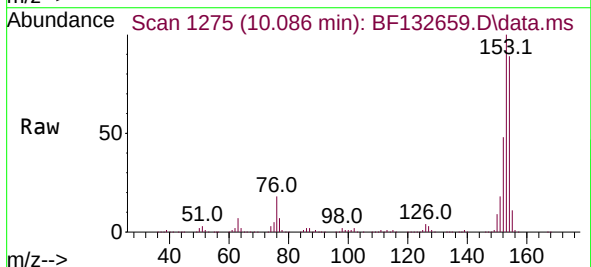
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Upadhyay

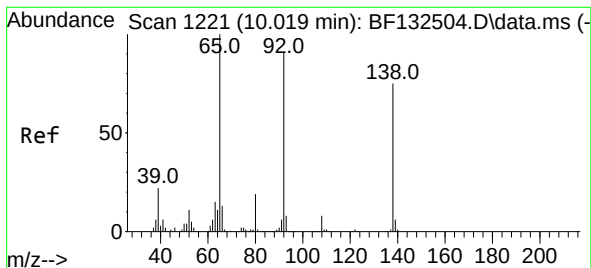
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#52
Acenaphthene
Concen: 45.789 ng m
RT: 10.086 min Scan# 1275
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:154 Resp: 946285
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.1 43.3 64.9





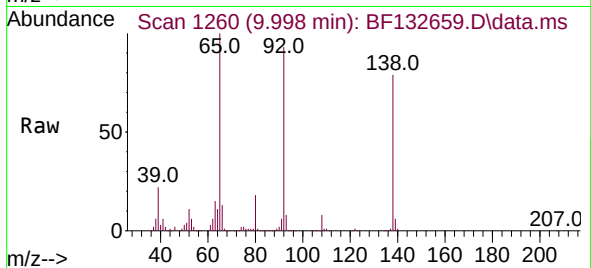
#53
3-Nitroaniline
Concen: 25.234 ng
RT: 9.998 min Scan# 1260
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:138 Resp: 159510
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 118.4 97.2 145.8

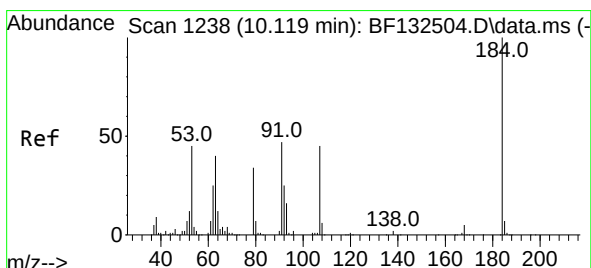
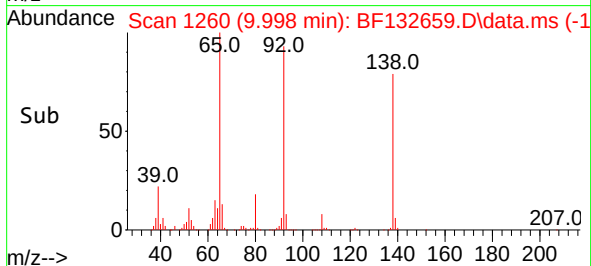
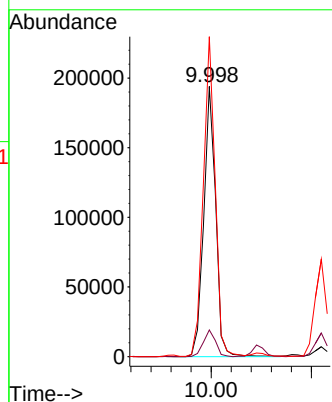
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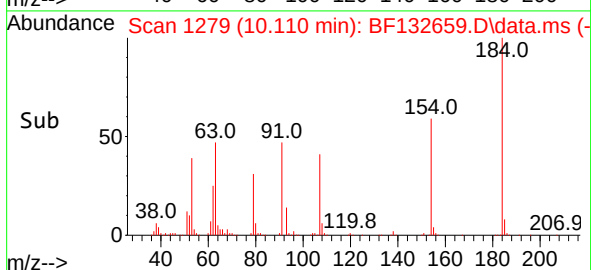
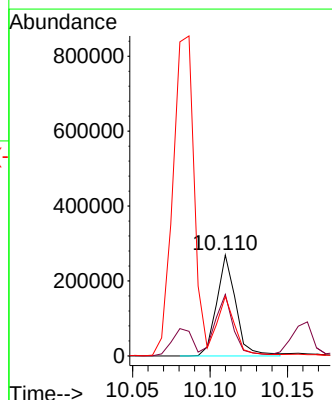
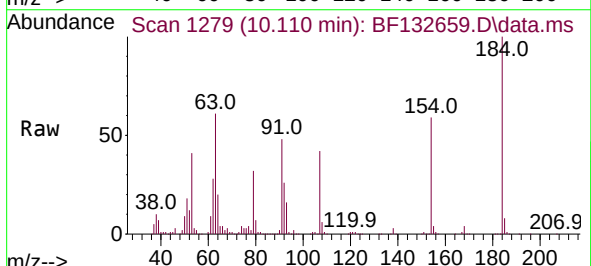
Supervised By :Jagrut
Upadhyay

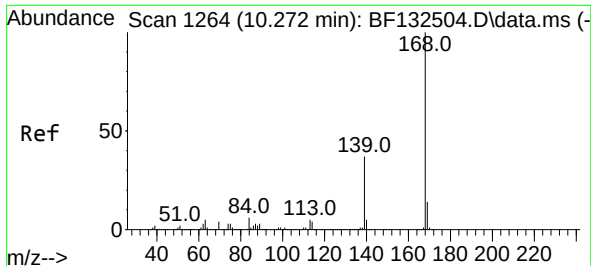
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#54
2,4-Dinitrophenol
Concen: 65.654 ng
RT: 10.110 min Scan# 1279
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

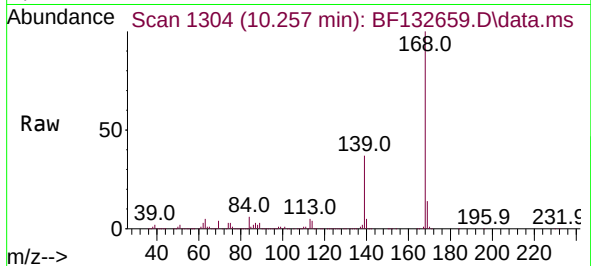
Tgt Ion:184 Resp: 232583
Ion Ratio Lower Upper
184 100
63 61.0 51.4 77.2
154 59.0 48.3 72.5





#55
Dibenzofuran
Concen: 42.318 ng
RT: 10.257 min Scan# 1304
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



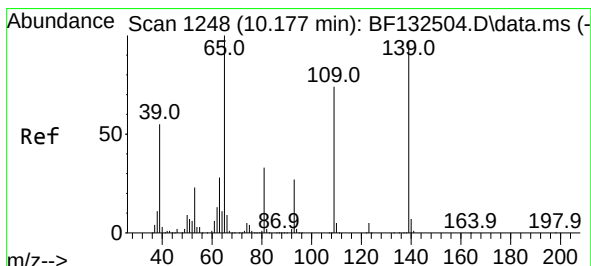
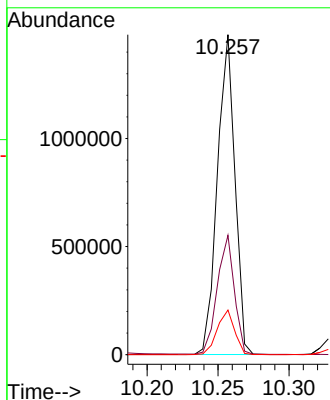
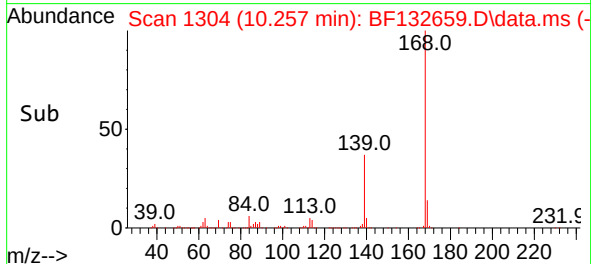
Tgt Ion:168 Resp: 1274960
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.9 10.9 16.3

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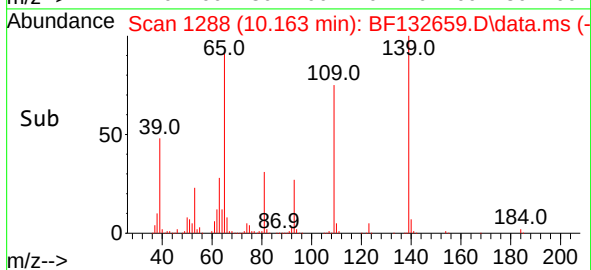
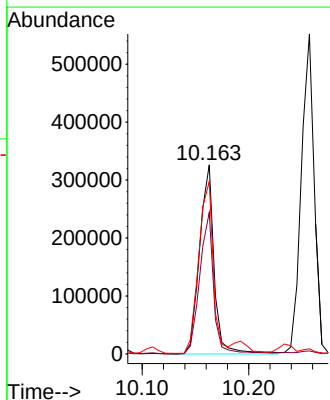
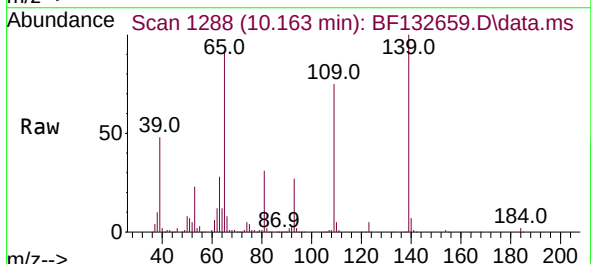
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Supervised By :Jagrut
Upadhyay

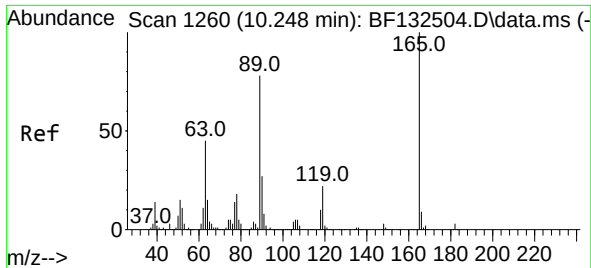
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#56
4-Nitrophenol
Concen: 65.369 ng
RT: 10.163 min Scan# 1288
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:139 Resp: 308154
Ion Ratio Lower Upper
139 100
109 74.8 56.7 96.7
65 91.1 83.5 123.5





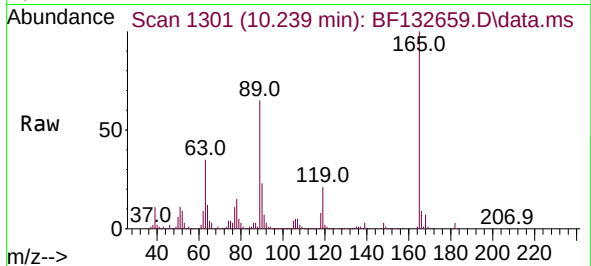
#57
2,4-Dinitrotoluene
Concen: 41.989 ng
RT: 10.239 min Scan# 1301
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:165 Resp: 315656
Ion Ratio Lower Upper
165 100
63 35.1 36.5 54.7
89 65.1 62.4 93.6
182 2.5 2.1 3.1

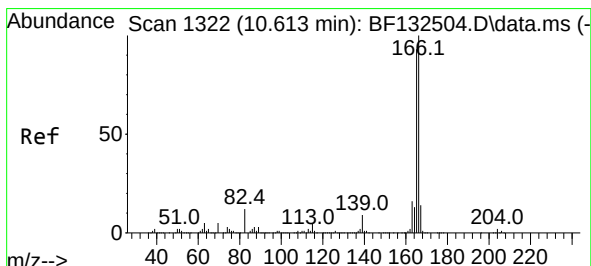
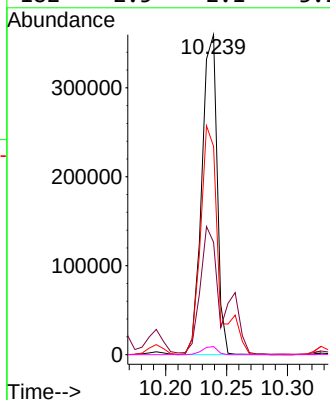
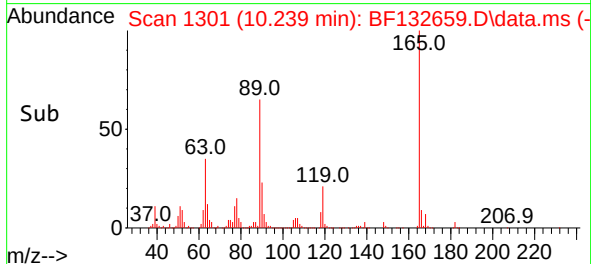
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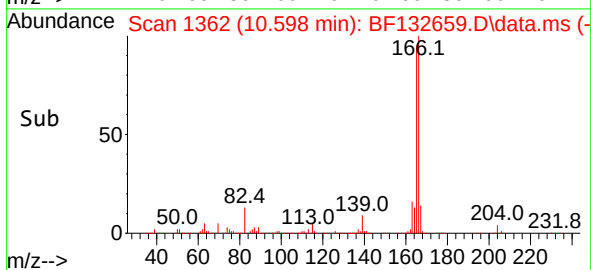
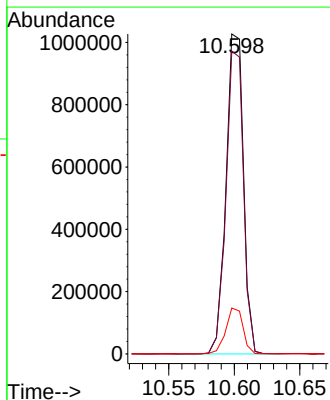
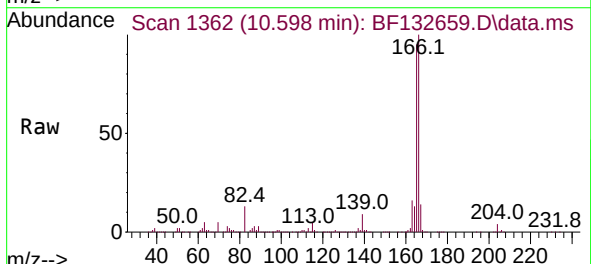
Supervised By :Jagrut
Upadhyay

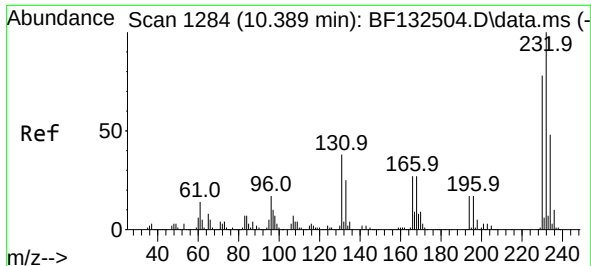
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#58
Fluorene
Concen: 41.425 ng
RT: 10.598 min Scan# 1362
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

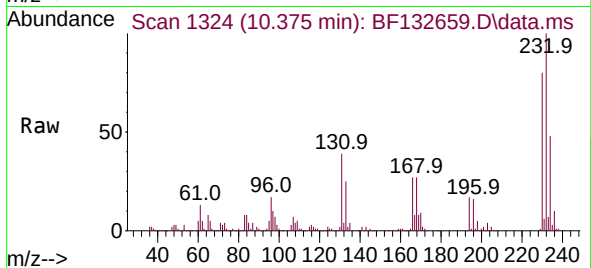
Tgt Ion:166 Resp: 954629
Ion Ratio Lower Upper
166 100
165 94.6 74.2 111.4
167 14.3 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.404 ng
RT: 10.375 min Scan# 1313
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



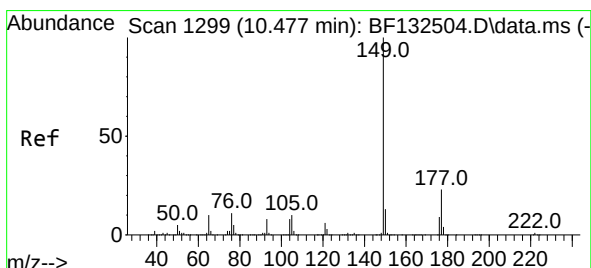
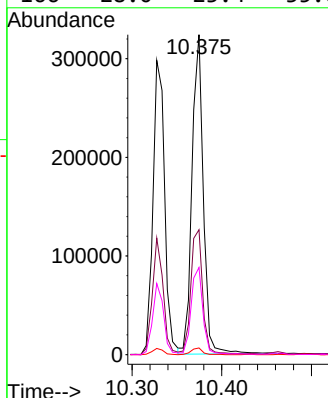
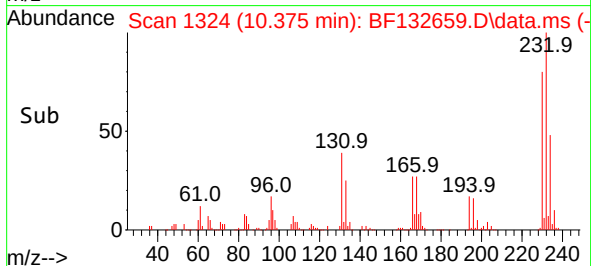
Tgt Ion:232 Resp: 284330
Ion Ratio Lower Upper
232 100
131 40.3 33.8 50.8
130 2.1 1.7 2.5
166 28.0 23.4 35.0

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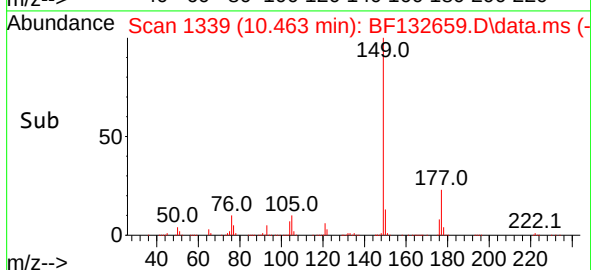
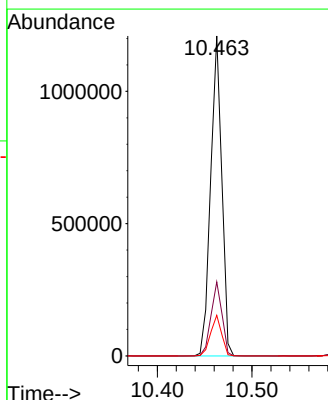
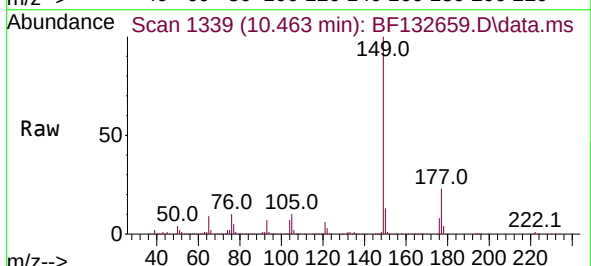
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Supervised By :Jagrut
Upadhyay

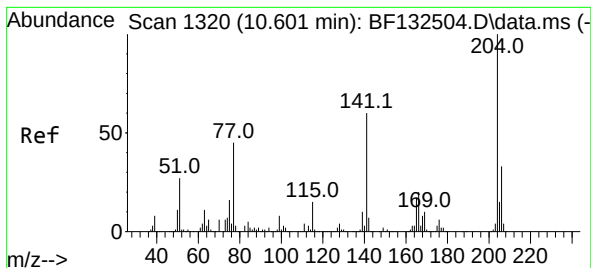
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#60
Diethylphthalate
Concen: 40.833 ng
RT: 10.463 min Scan# 1339
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

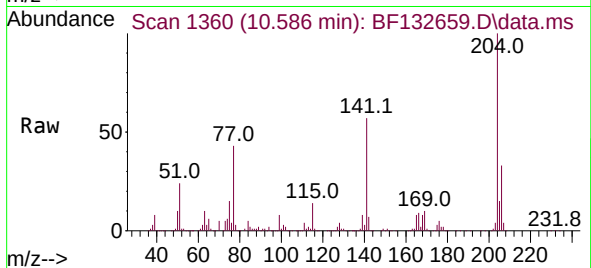
Tgt Ion:149 Resp: 989504
Ion Ratio Lower Upper
149 100
177 23.1 18.1 27.1
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.125 ng
RT: 10.586 min Scan# 1319
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



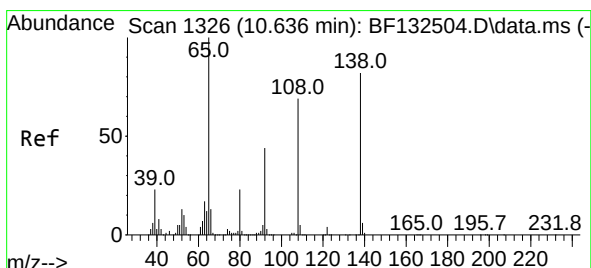
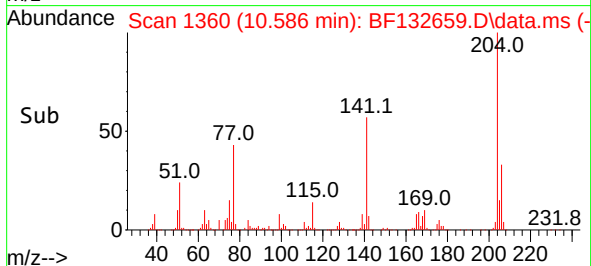
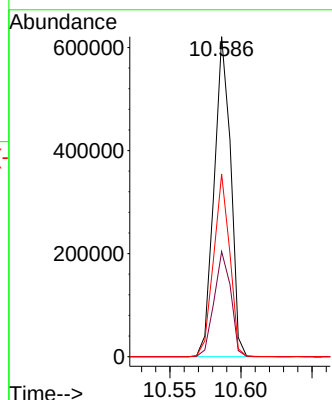
Tgt Ion:204 Resp: 503603
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 57.1 47.8 71.8

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Reviewed By :Christian
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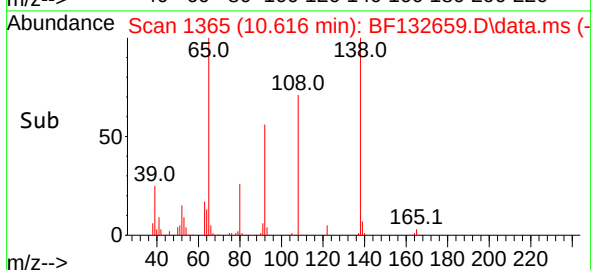
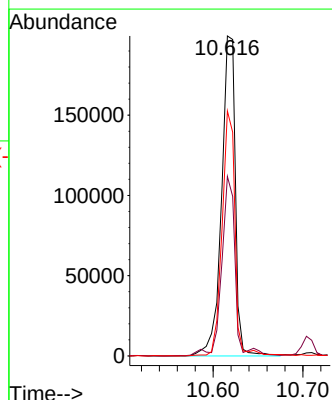
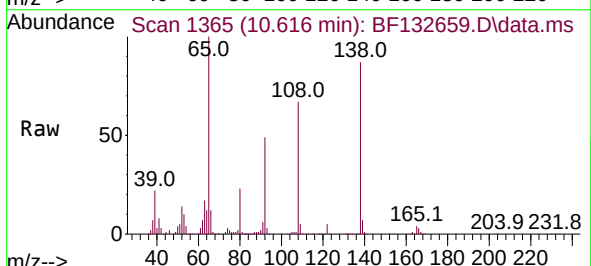
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Supervised By :Jagrut
Upadhyay

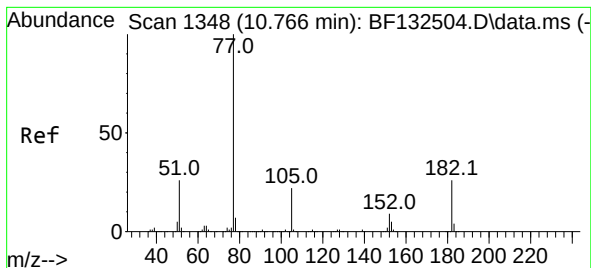
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#62
4-Nitroaniline
Concen: 34.419 ng
RT: 10.616 min Scan# 1365
Delta R.T. -0.015 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:138 Resp: 213566
Ion Ratio Lower Upper
138 100
92 56.1 33.8 73.8
108 76.5 63.7 103.7





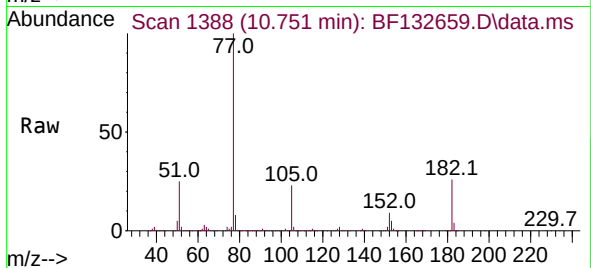
#63
Azobenzene
Concen: 42.212 ng
RT: 10.751 min Scan# 1348
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion: 77 Resp: 1083348
Ion Ratio Lower Upper
77 100
182 26.1 5.5 45.5
105 23.1 1.8 41.8
51 24.9 6.4 46.4

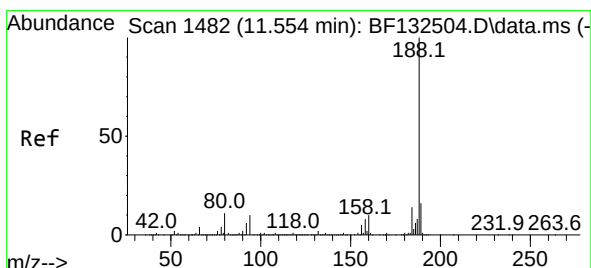
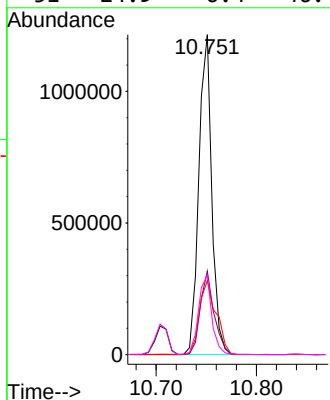
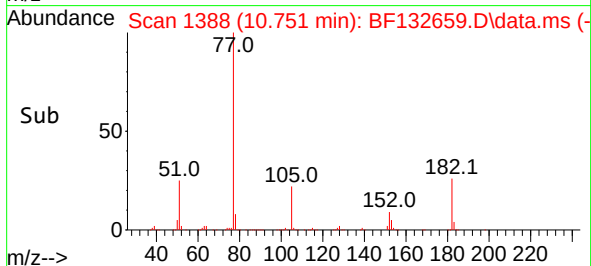
Manual Integrations
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Reviewed By :Christian
Giraldo

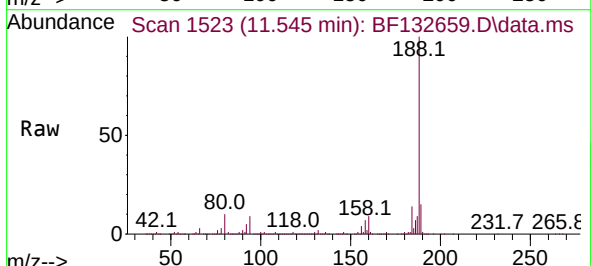
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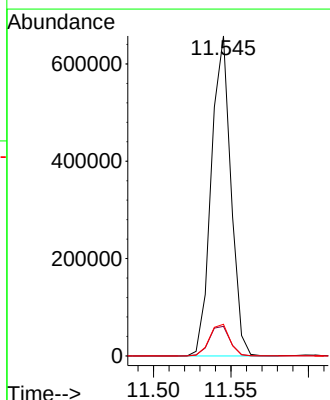
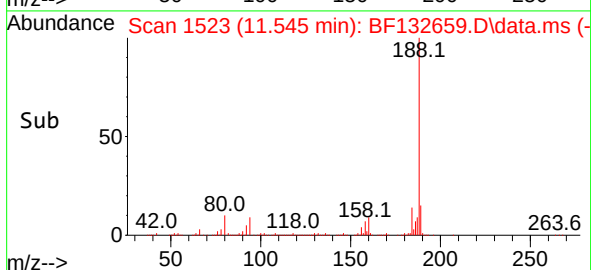
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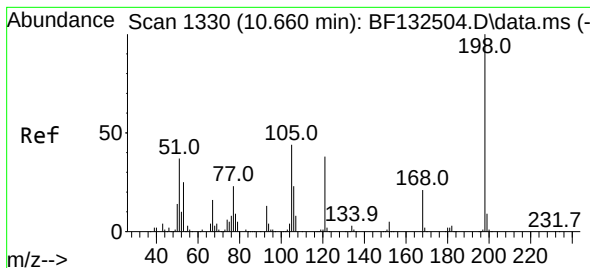


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion:188 Resp: 577867
Ion Ratio Lower Upper
188 100
94 9.2 8.3 12.5
80 9.9 8.7 13.1





#65
4,6-Dinitro-2-methylphenol
Concen: 42.196 ng
RT: 10.645 min Scan# 131
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

Tgt Ion:198 Resp: 165064
Ion Ratio Lower Upper
198 100
51 40.9 20.6 60.6
105 46.0 24.3 64.3

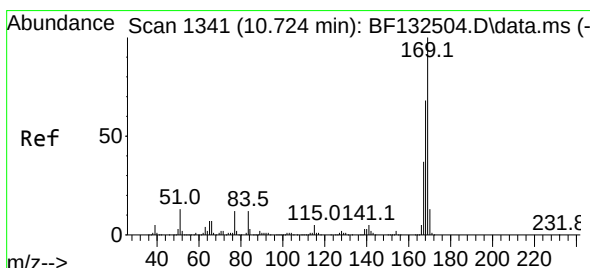
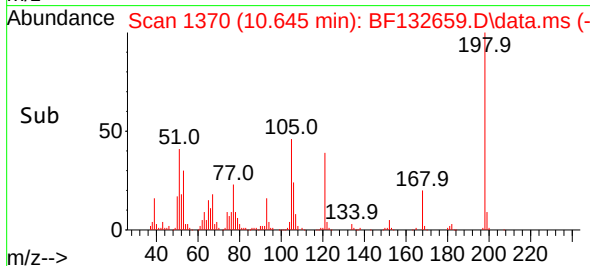
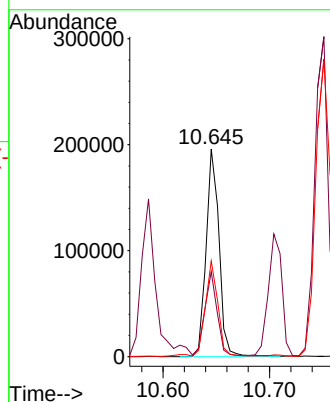
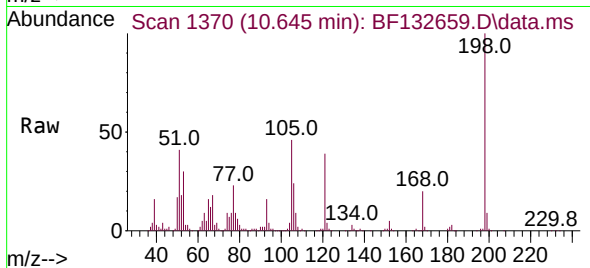
Manual Integrations
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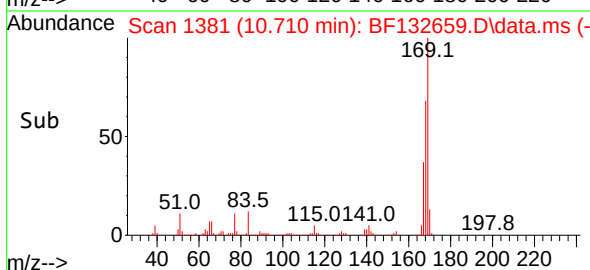
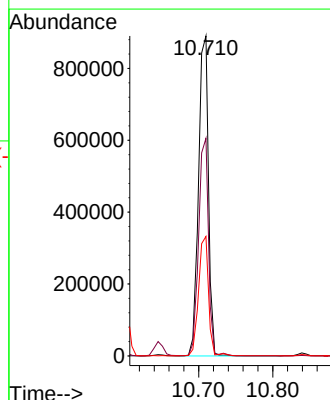
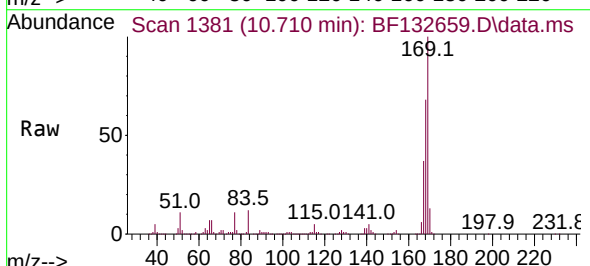
Supervised By :Jagrut
Upadhyay

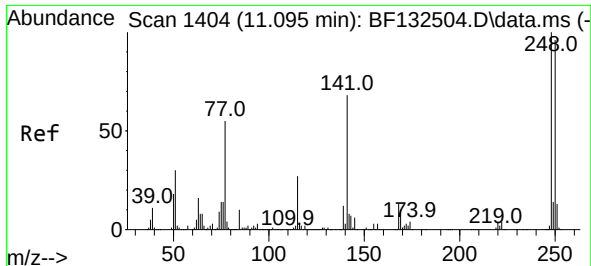
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#66
n-Nitrosodiphenylamine
Concen: 46.062 ng
RT: 10.710 min Scan# 1381
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:169 Resp: 829833
Ion Ratio Lower Upper
169 100
168 68.0 54.2 81.4
167 37.3 29.6 44.4





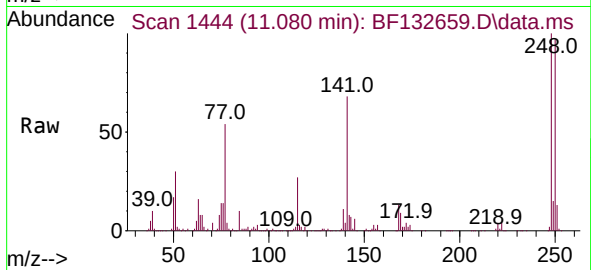
#67
4-Bromophenyl-phenylether
Concen: 47.467 ng
RT: 11.080 min Scan# 1404
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:248 Resp: 310273
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 67.9 54.2 81.2

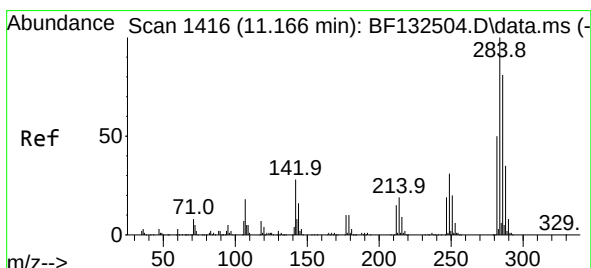
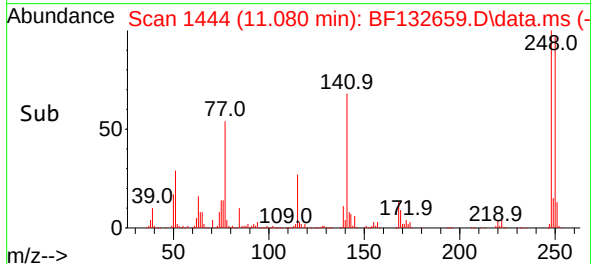
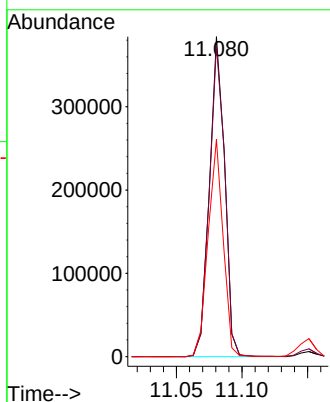
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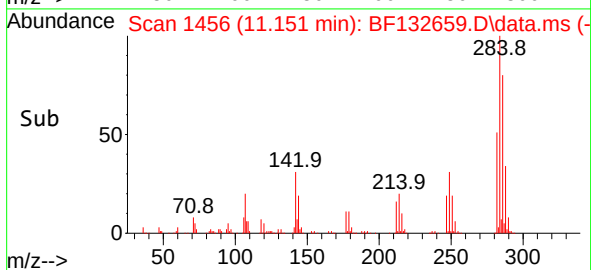
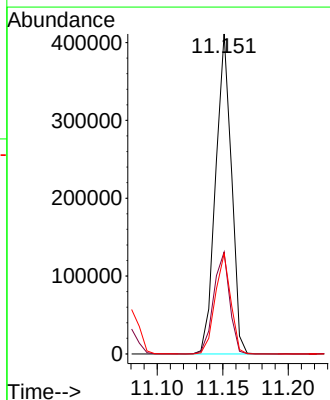
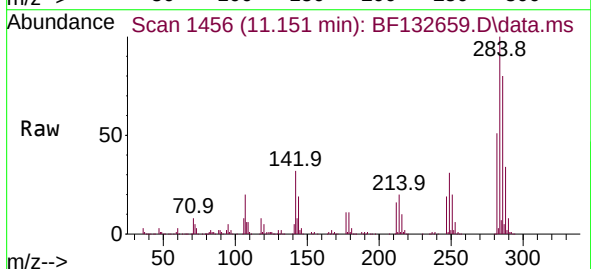
Supervised By :Jagrut
Upadhyay

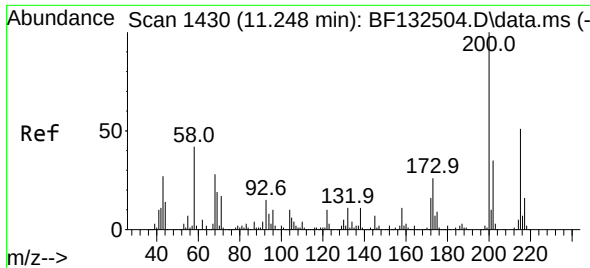
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#68
Hexachlorobenzene
Concen: 50.106 ng
RT: 11.151 min Scan# 1456
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:284 Resp: 344629
Ion Ratio Lower Upper
284 100
142 31.8 22.2 33.4
249 31.3 24.9 37.3





#69
Atrazine
Concen: 46.959 ng
RT: 11.233 min Scan# 1430
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

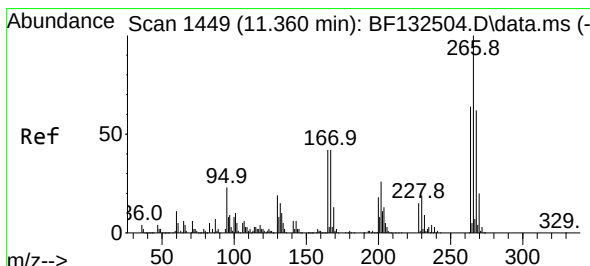
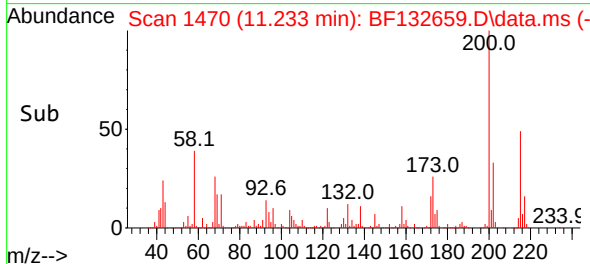
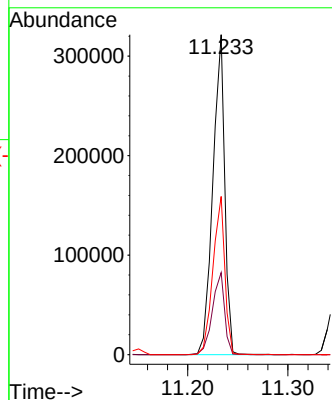
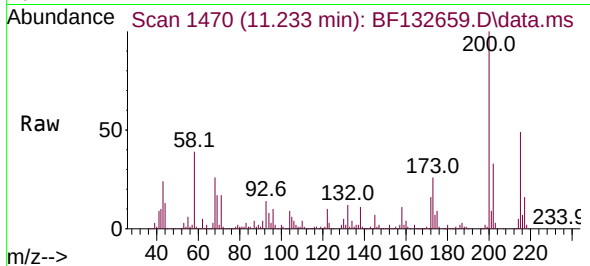
Tgt Ion:200 Resp: 264105
Ion Ratio Lower Upper
200 100
173 25.6 6.4 46.4
215 49.4 31.0 71.0

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Reviewed By :Christian
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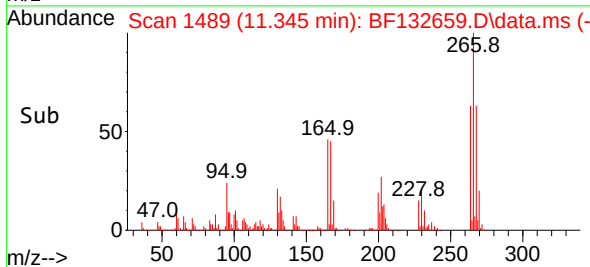
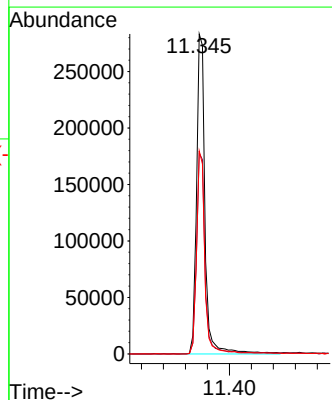
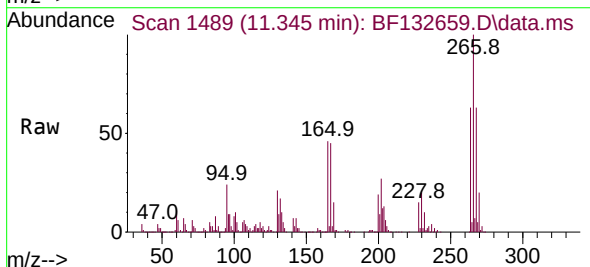
03/07/2023
Supervised By :Jagrut
Upadhyay

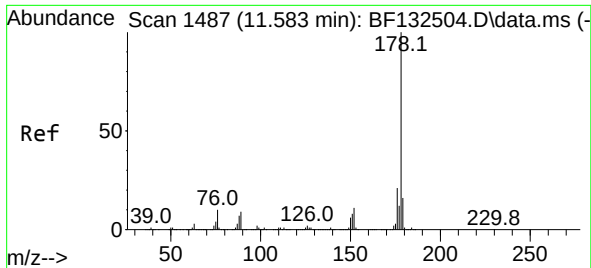
03/07/2023



#70
Pentachlorophenol
Concen: 74.008 ng
RT: 11.345 min Scan# 1489
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:266 Resp: 302855
Ion Ratio Lower Upper
266 100
268 62.8 49.8 74.6
264 63.4 50.9 76.3





#71
Phenanthrene
Concen: 44.649 ng
RT: 11.569 min Scan# 11536
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

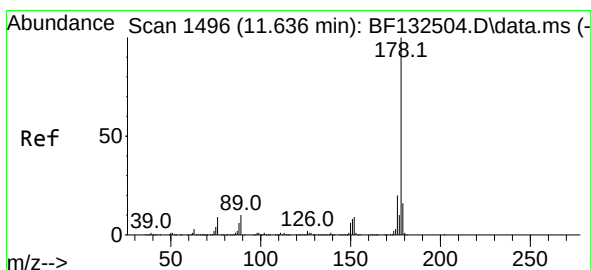
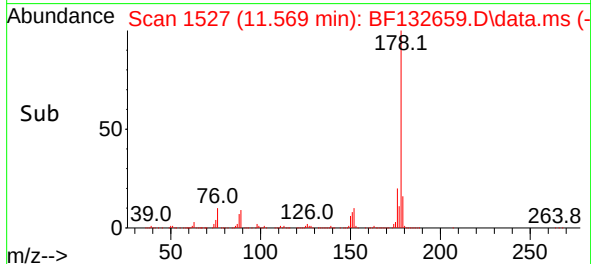
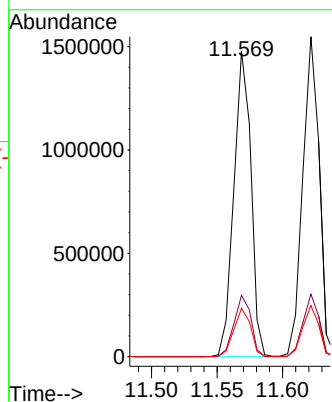
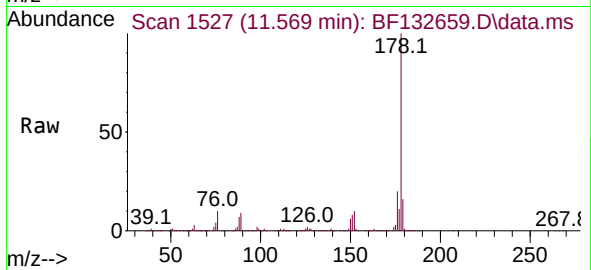
Tgt Ion:178 Resp: 133662
Ion Ratio Lower Upper
178 100
176 20.0 16.5 24.7
179 15.8 13.0 19.6

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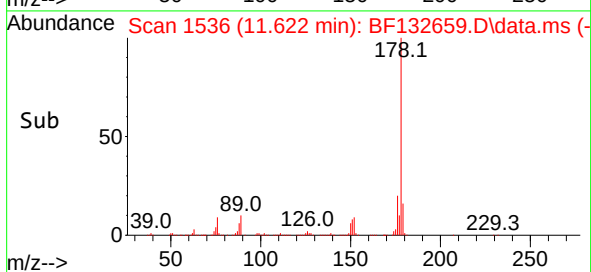
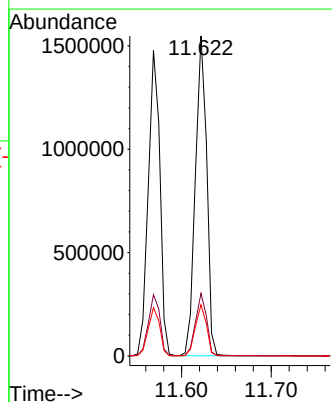
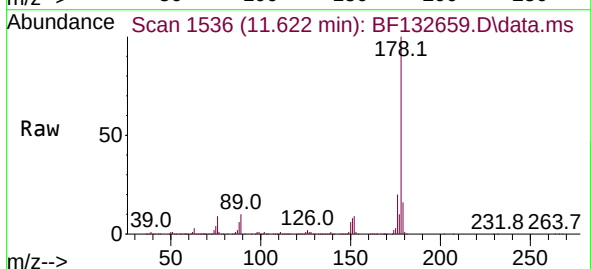
03/07/2023
Supervised By :Jagrut
Upadhyay

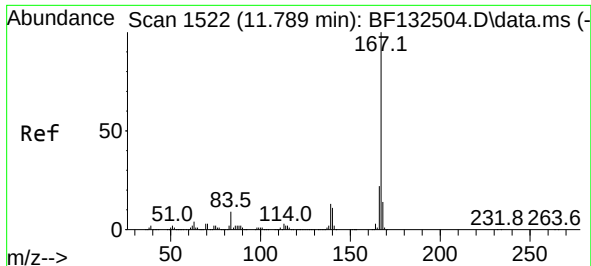
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#72
Anthracene
Concen: 44.100 ng
RT: 11.622 min Scan# 1536
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

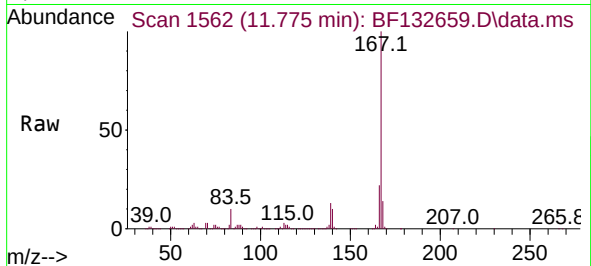
Tgt Ion:178 Resp: 1359493
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.0 12.5 18.7





#73
 Carbazole
 Concen: 40.129 ng
 RT: 11.775 min Scan# 1111
 Delta R.T. -0.009 min
 Lab File: BF132659.D
 Acq: 06 Mar 2023 20:45

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD



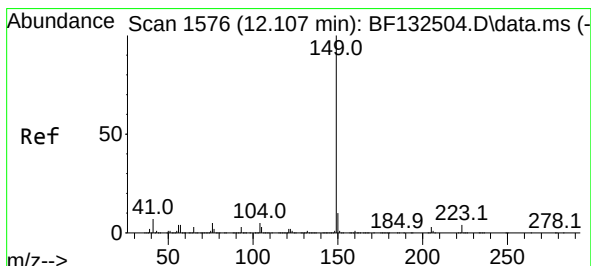
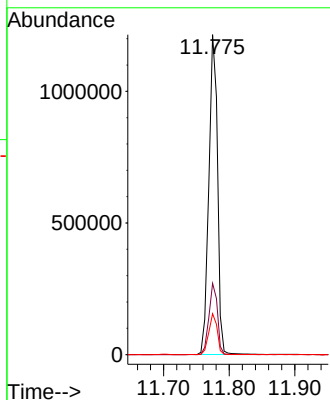
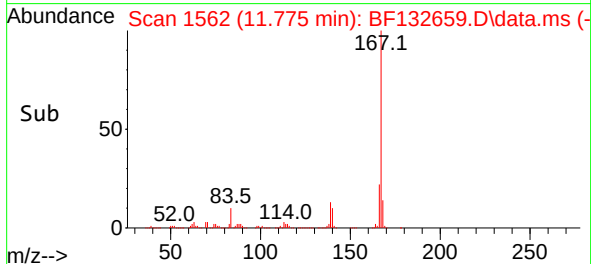
Tgt Ion:167 Resp: 1115354
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.7 26.5
 139 12.8 10.5 15.7

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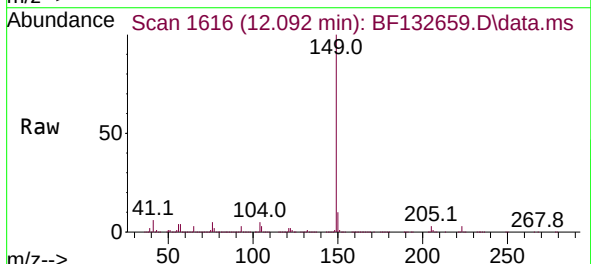
Reviewed By :Christian
 Giraldo

03/07/2023
 Supervised By :Jagrut
 Upadhyay

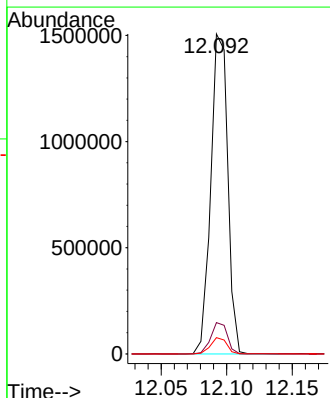
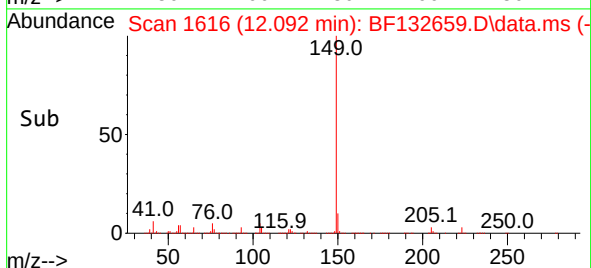
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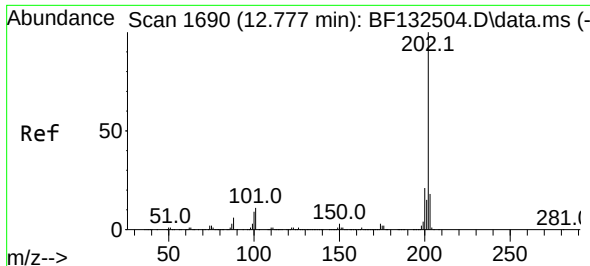


#74
 Di-n-butylphthalate
 Concen: 41.766 ng
 RT: 12.092 min Scan# 1616
 Delta R.T. -0.009 min
 Lab File: BF132659.D
 Acq: 06 Mar 2023 20:45



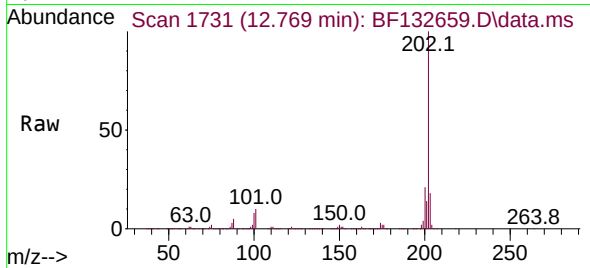
Tgt Ion:149 Resp: 1361684
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.8 11.8
 104 5.1 4.3 6.5





#75
Fluoranthene
Concen: 37.819 ng
RT: 12.769 min Scan# 1731
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



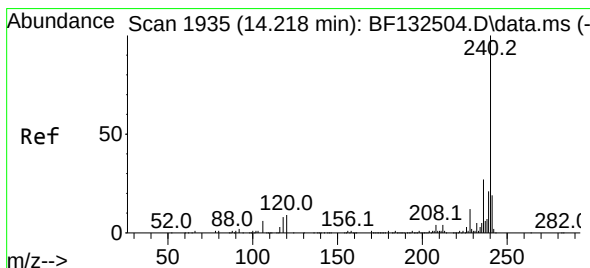
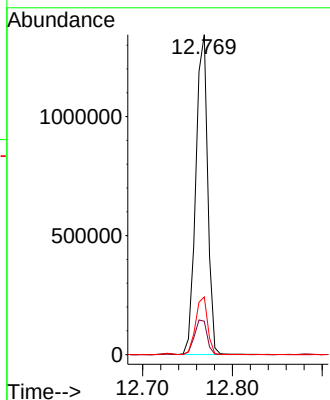
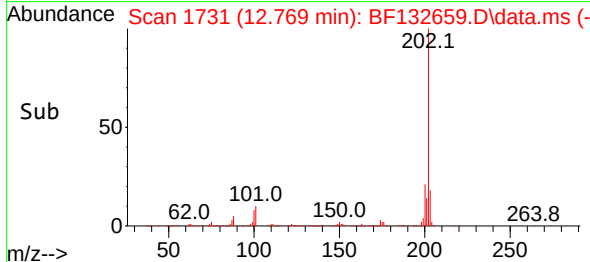
Tgt Ion:202 Resp: 1237675
Ion Ratio Lower Upper
202 100
101 10.4 0.0 31.4
203 18.0 0.0 38.0

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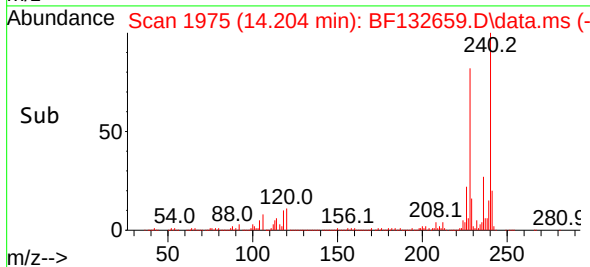
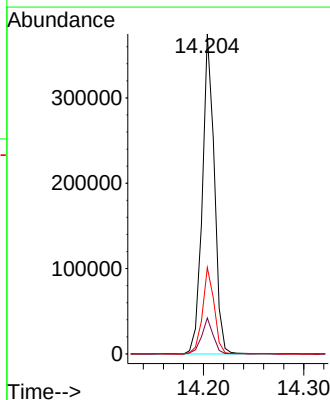
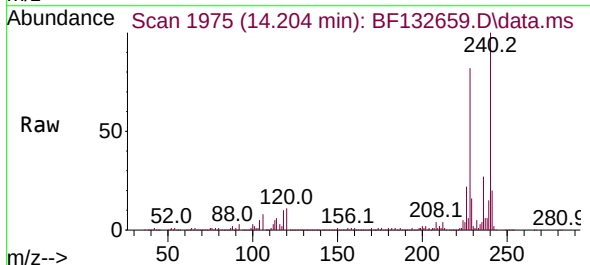
03/07/2023
Supervised By :Jagrut
Upadhyay

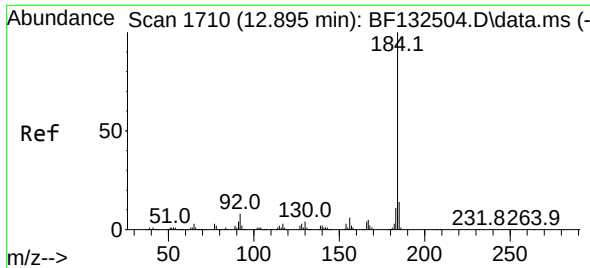
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

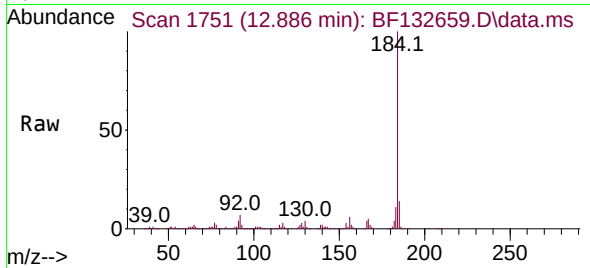
Tgt Ion:240 Resp: 309826
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 27.0 21.8 32.6





#77
Benzidine
Concen: 52.153 ng
RT: 12.886 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



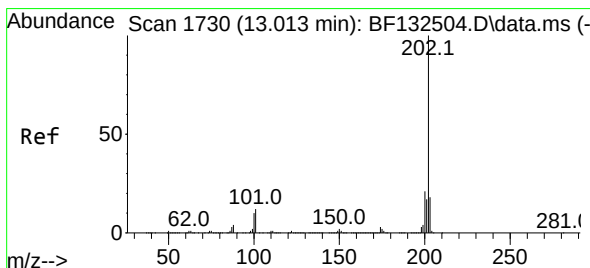
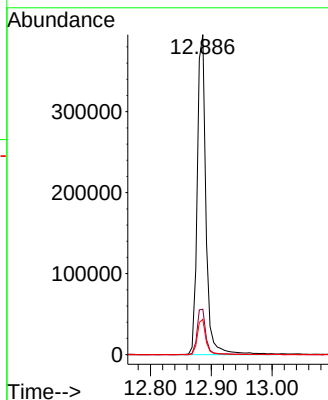
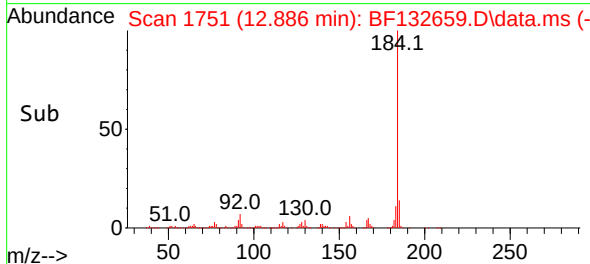
Tgt Ion:184 Resp: 393339
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 11.0 8.7 13.1

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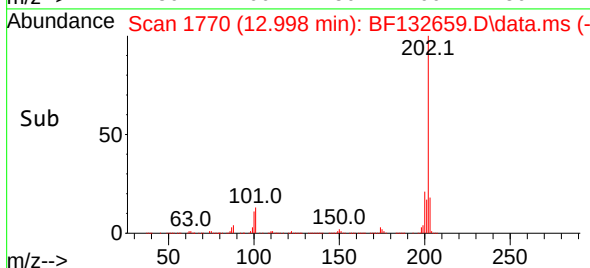
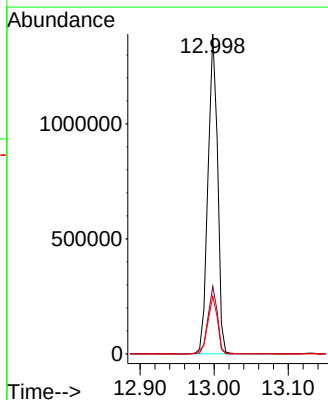
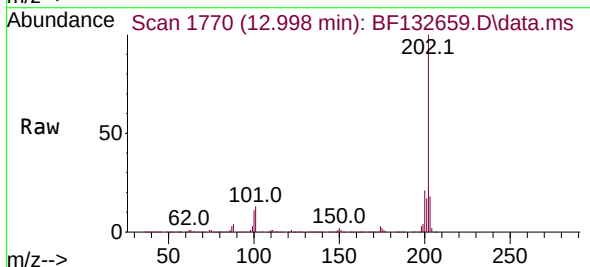
03/07/2023
Supervised By :Jagrut
Upadhyay

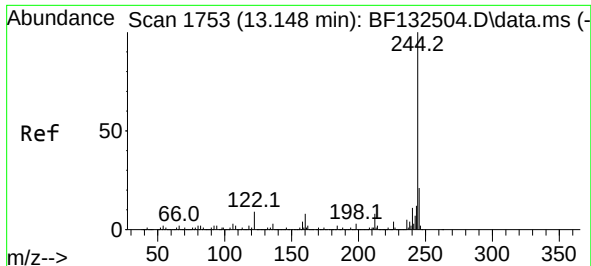
03/07/2023



#78
Pyrene
Concen: 44.163 ng
RT: 12.998 min Scan# 1770
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:202 Resp: 1244012
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 18.0 14.6 21.8





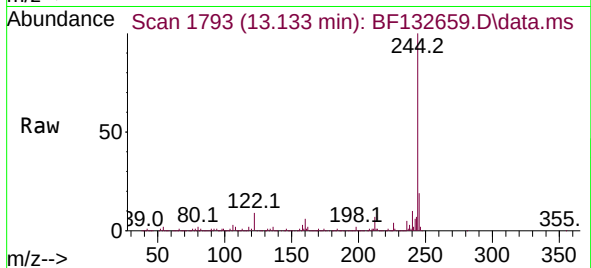
#79
Terphenyl-d14
Concen: 42.980 ng
RT: 13.133 min Scan# 1753
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:244 Resp: 787595
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 9.0 7.5 11.3

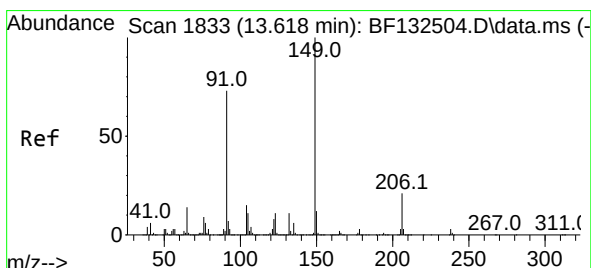
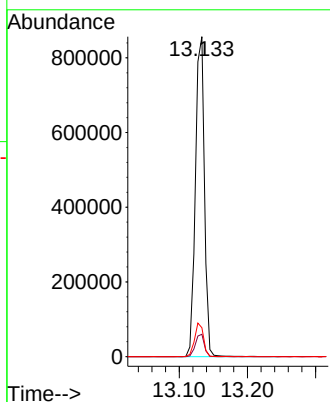
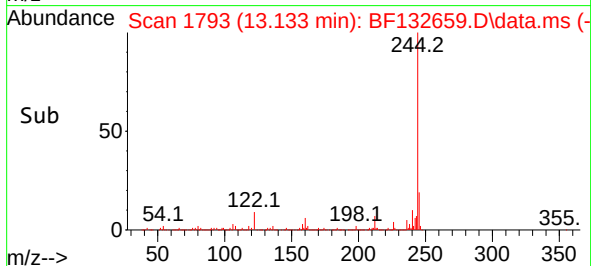
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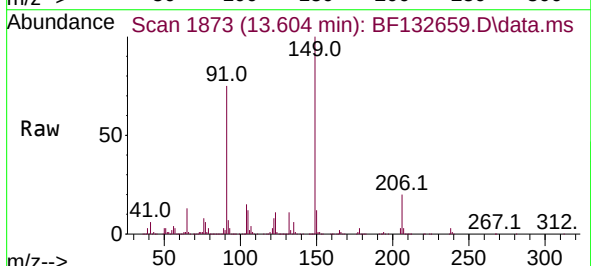
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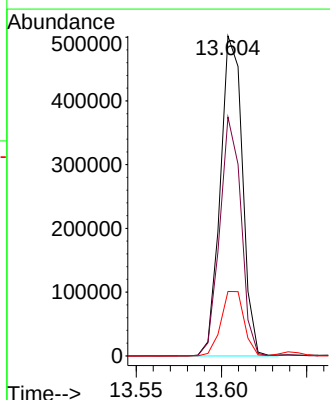
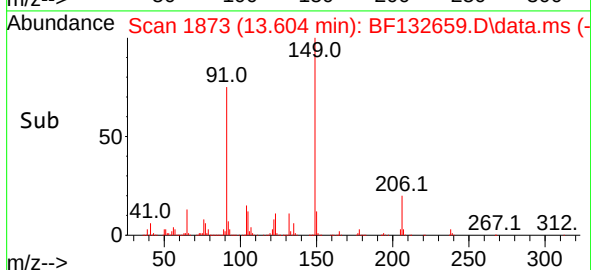
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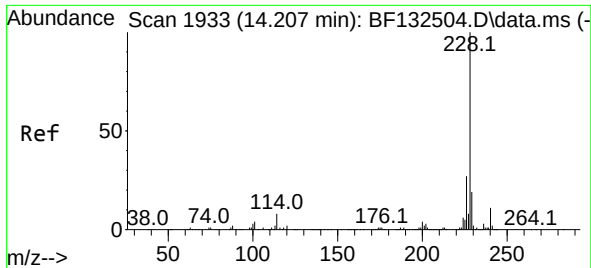


#80
Butylbenzylphthalate
Concen: 40.717 ng
RT: 13.604 min Scan# 1873
Delta R.T. -0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



Tgt Ion:149 Resp: 452603
Ion Ratio Lower Upper
149 100
91 74.6 58.4 87.6
206 20.1 16.8 25.2





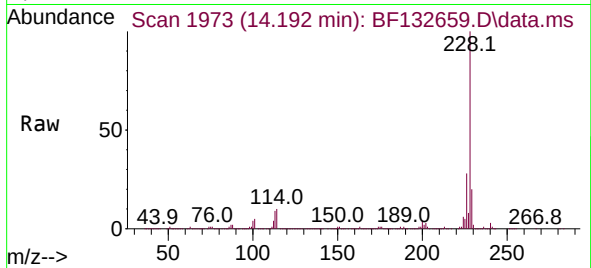
#81
Benzo(a)anthracene
Concen: 44.974 ng
RT: 14.192 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:228 Resp: 1042593
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 20.2 15.4 23.2

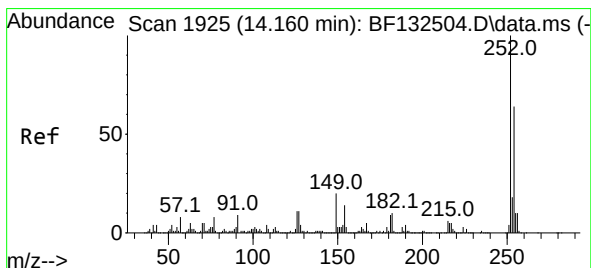
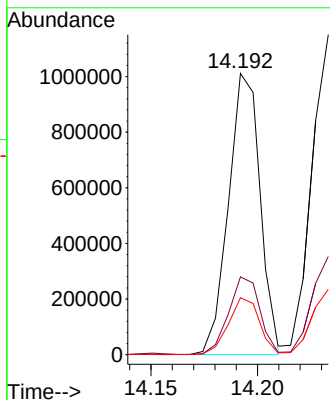
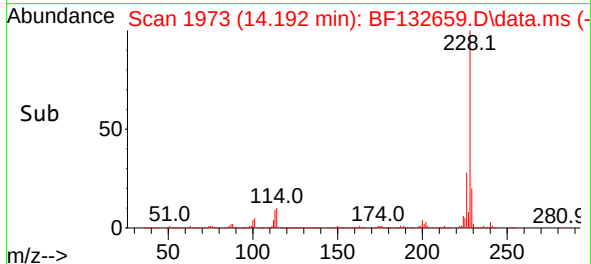
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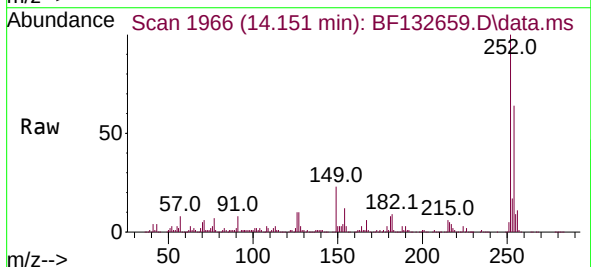
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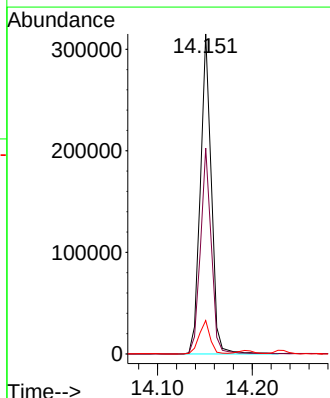
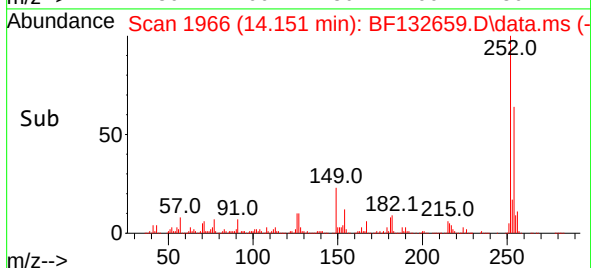
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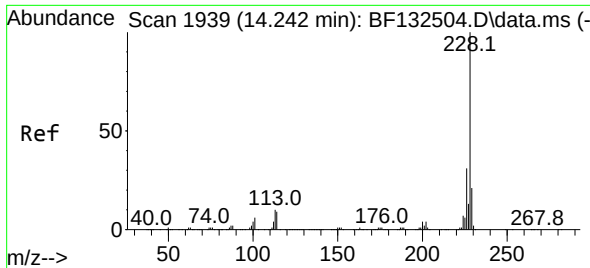


#82
3,3'-Dichlorobenzidine
Concen: 37.073 ng
RT: 14.151 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45



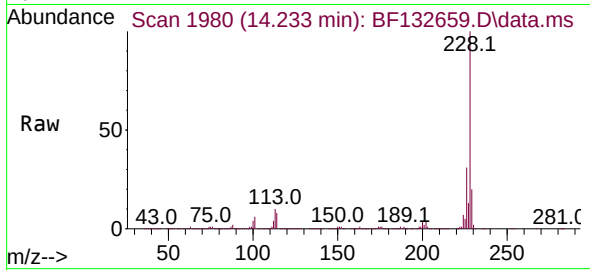
Tgt Ion:252 Resp: 253373
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 10.4 8.9 13.3





#83
Chrysene
Concen: 45.163 ng
RT: 14.233 min Scan# 1939
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



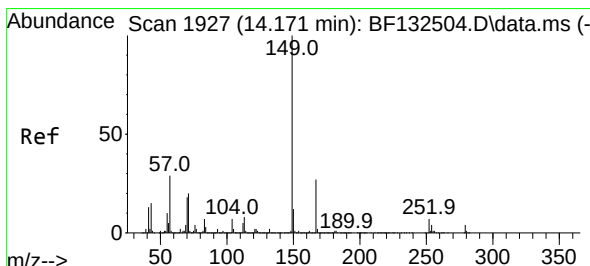
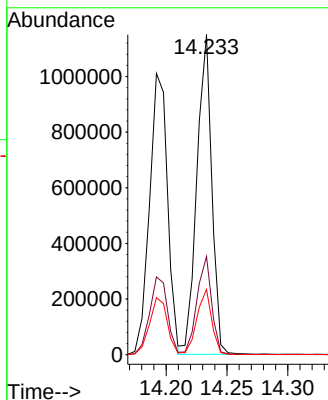
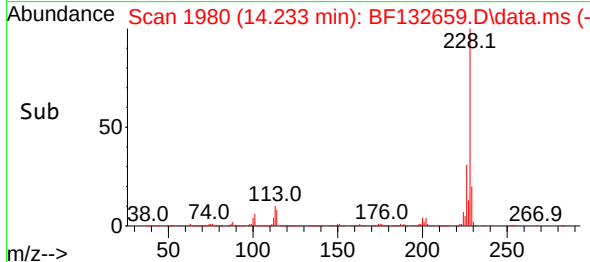
Tgt Ion:228 Resp: 979042
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 20.4 16.4 24.6

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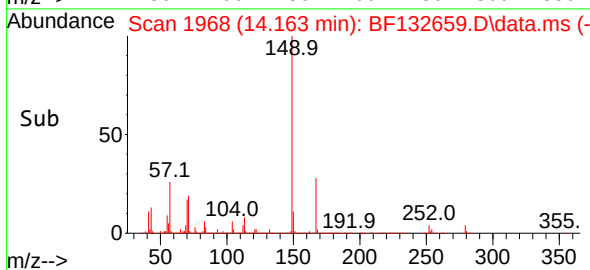
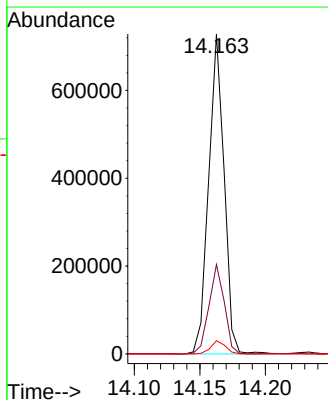
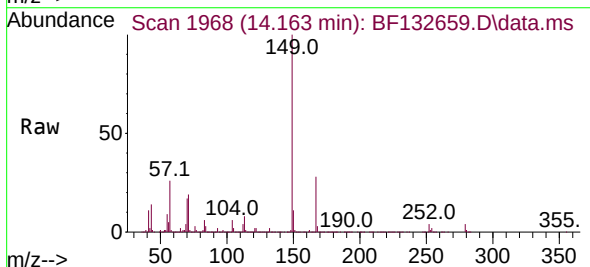
03/07/2023
Supervised By :Jagrut
Upadhyay

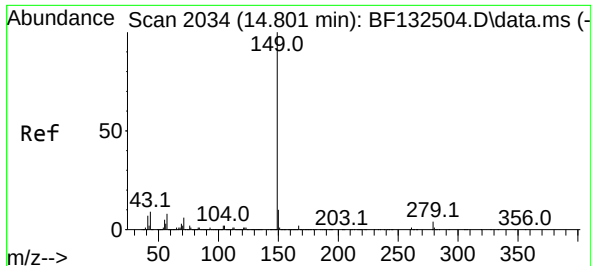
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.795 ng
RT: 14.163 min Scan# 1968
Delta R.T. -0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

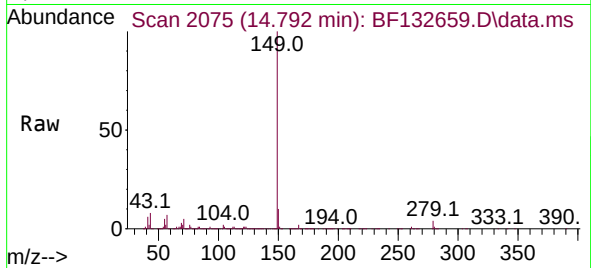
Tgt Ion:149 Resp: 598031
Ion Ratio Lower Upper
149 100
167 27.9 21.8 32.6
279 4.1 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 56.489 ng
RT: 14.792 min Scan# 2034
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



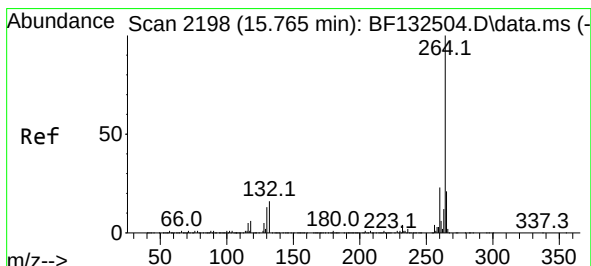
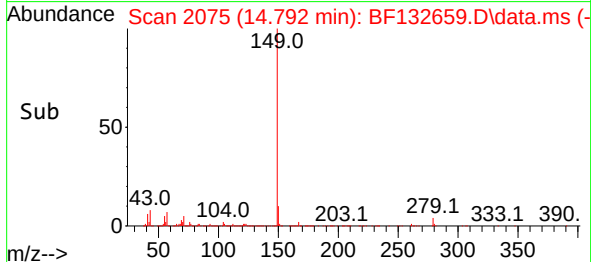
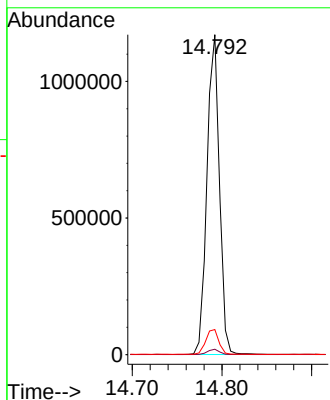
Tgt Ion:149 Resp: 1127207
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.2 7.2 10.8

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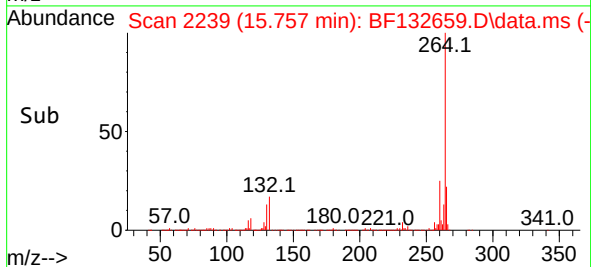
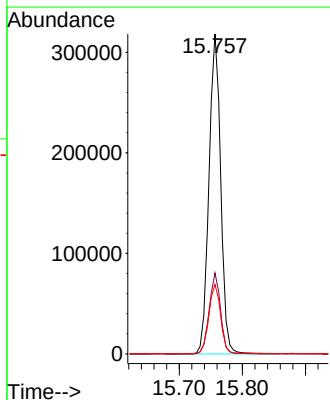
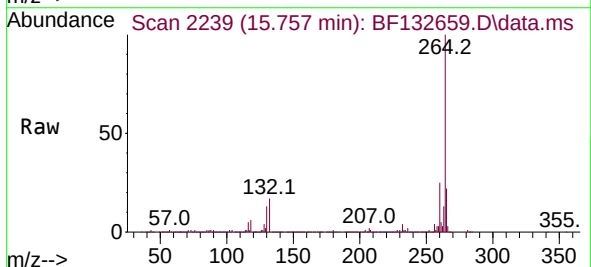
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Upadhyay

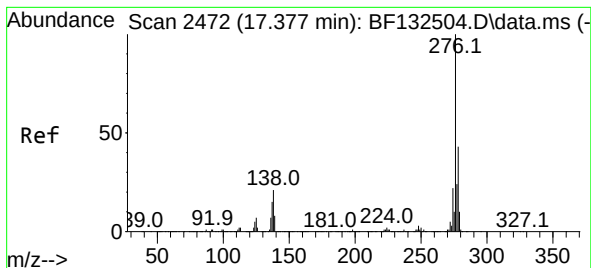
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.757 min Scan# 2239
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:264 Resp: 411331
Ion Ratio Lower Upper
264 100
260 25.3 18.8 28.2
265 21.7 17.1 25.7





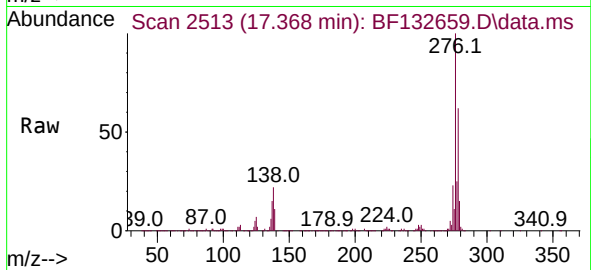
#87
Indeno(1,2,3-cd)pyrene
Concen: 51.594 ng
RT: 17.368 min Scan# 2161
Delta R.T. 0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



Tgt Ion:276 Resp: 1390585
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.4
277 25.0 20.0 30.0

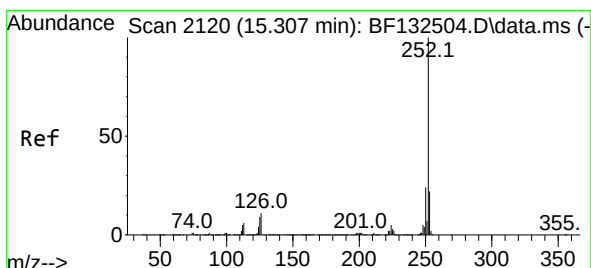
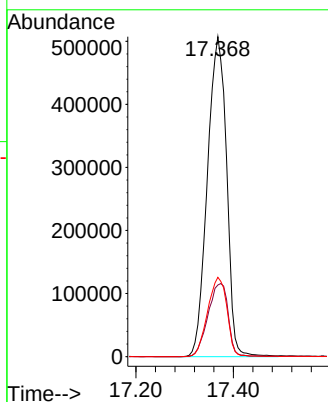
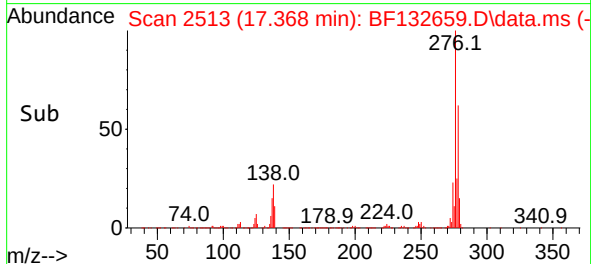
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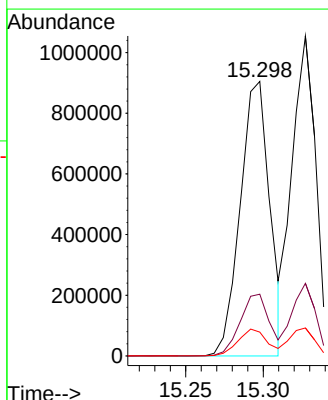
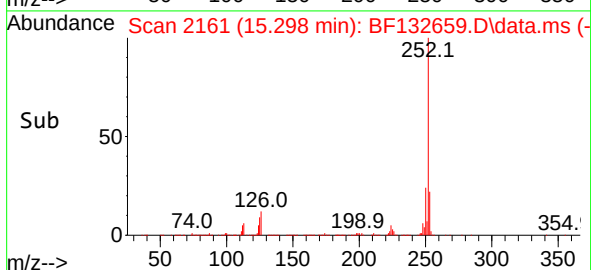
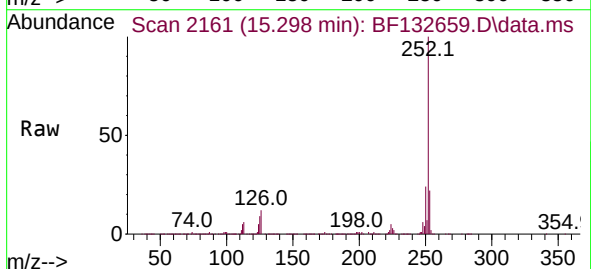
Supervised By :Jagrut
Upadhyay

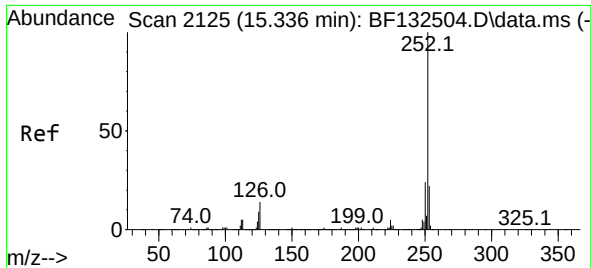
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#88
Benzo(b)fluoranthene
Concen: 43.550 ng
RT: 15.298 min Scan# 2161
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

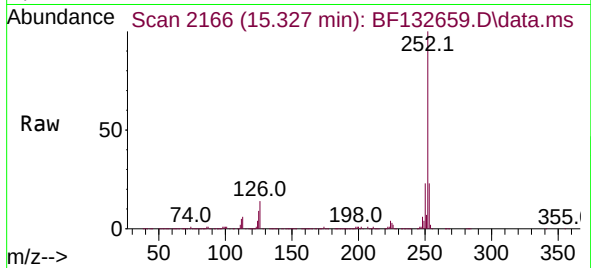
Tgt Ion:252 Resp: 1200467
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 8.6 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 42.421 ng
RT: 15.327 min Scan# 2125
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



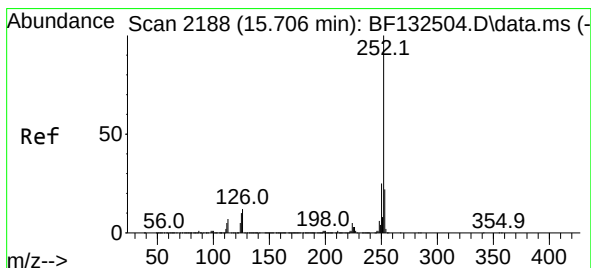
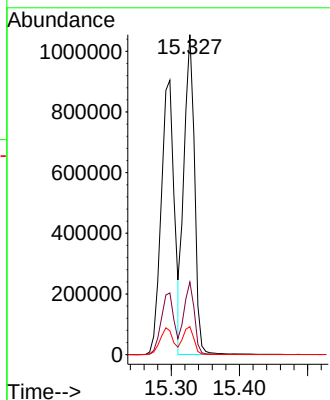
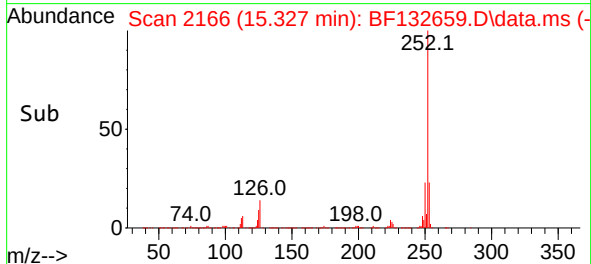
Tgt Ion:252 Resp: 1144440
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 8.7 7.2 10.8

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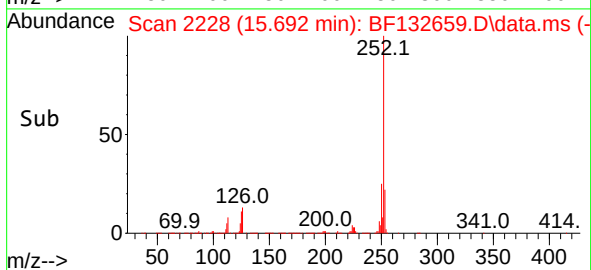
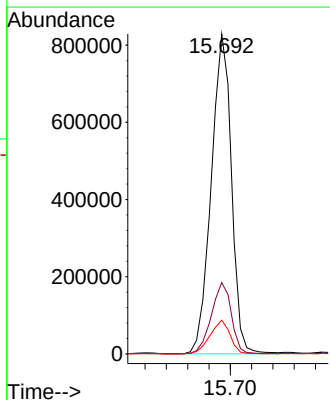
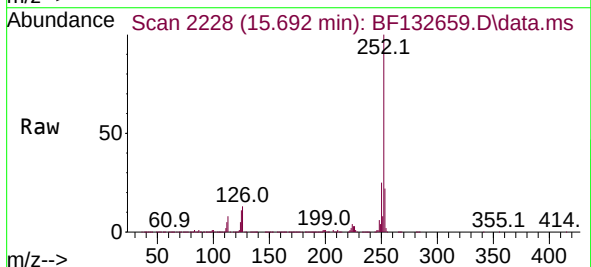
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Supervised By :Jagrut
Upadhyay

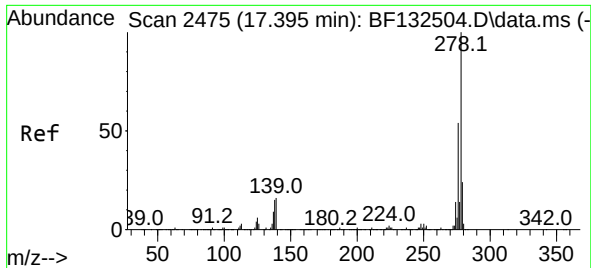
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#90
Benzo(a)pyrene
Concen: 42.401 ng
RT: 15.692 min Scan# 2228
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

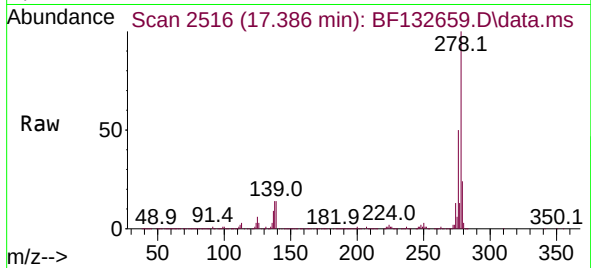
Tgt Ion:252 Resp: 1093899
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 10.5 8.0 12.0





#91
Dibenzo(a,h)anthracene
Concen: 51.561 ng
RT: 17.386 min Scan# 2516
Delta R.T. 0.009 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



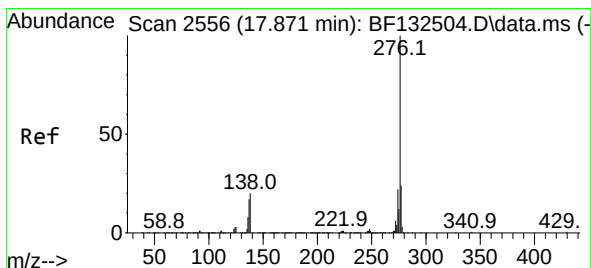
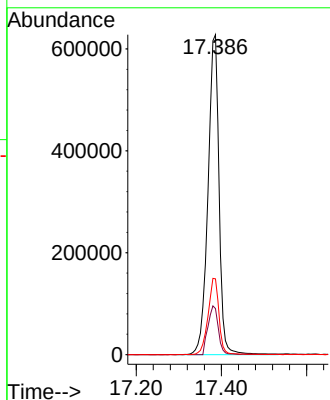
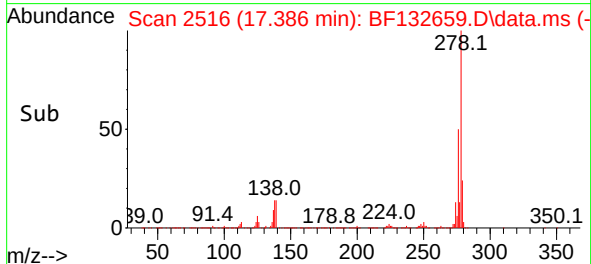
Tgt Ion:278 Resp: 1132260
Ion Ratio Lower Upper
278 100
139 14.4 13.0 19.4
279 23.7 19.0 28.4

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Upadhyay

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#92
Benzo(g,h,i)perylene
Concen: 47.200 ng
RT: 17.856 min Scan# 2596
Delta R.T. 0.003 min
Lab File: BF132659.D
Acq: 06 Mar 2023 20:45

Tgt Ion:276 Resp: 1170663
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 21.5 16.2 24.4

