

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140472.D
 Acq On : 19 Nov 2024 14:39
 Operator : RC/JU
 Sample : P4852-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Quant Time: Nov 19 15:28:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	160639	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	617685	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	339230	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	599763	20.000	ng	0.00
76) Chrysene-d12	14.045	240	308205	20.000	ng	0.00
86) Perylene-d12	15.527	264	312291	20.000	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1033315	109.828	ng	0.02
7) Phenol-d6	6.516	99	1411308	110.717	ng	0.01
23) Nitrobenzene-d5	7.440	82	908125	76.602	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	379851	112.603	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1564446	74.136	ng	0.00
79) Terphenyl-d14	12.986	244	1427020	80.369	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.752	88	193532	46.152	ng	98
3) Pyridine	3.505	79	469179	45.512	ng	100
4) n-Nitrosodimethylamine	3.469	42	252595	48.481	ng	98
6) Aniline	6.540	93	270030	24.352	ng	# 1
8) 2-Chlorophenol	6.663	128	517734	51.228	ng	97
9) Benzaldehyde	6.422	77	47030	6.156	ng	99
10) Phenol	6.534	94	639912	47.603	ng	91
11) bis(2-Chloroethyl)ether	6.610	93	513101	50.375	ng	99
12) 1,3-Dichlorobenzene	6.816	146	526437	47.210	ng	99
13) 1,4-Dichlorobenzene	6.893	146	527264	46.632	ng	99
14) 1,2-Dichlorobenzene	7.040	146	507993	48.396	ng	99
15) Benzyl Alcohol	7.016	79	457879	49.857	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.146	45	656682	46.676	ng	65
17) 2-Methylphenol	7.134	107	406135	48.850	ng	# 92
18) Hexachloroethane	7.381	117	200393	47.941	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	364215	47.309	ng	99
20) 3+4-Methylphenols	7.287	107	504536	48.525	ng	92
22) Acetophenone	7.281	105	678302	47.215	ng	# 98
24) Nitrobenzene	7.457	77	569997	46.179	ng	99
25) Isophorone	7.693	82	1000361	47.612	ng	100
26) 2-Nitrophenol	7.769	139	278180	50.787	ng	98
27) 2,4-Dimethylphenol	7.810	122	371395	52.962	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	615923	47.808	ng	99
29) 2,4-Dichlorophenol	8.016	162	428689	49.465	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	440378	45.641	ng	100
31) Naphthalene	8.175	128	1473550	47.027	ng	99
32) Benzoic acid	7.951	122	297798	48.262	ng	96
33) 4-Chloroaniline	8.234	127	76913	7.058	ng	99
34) Hexachlorobutadiene	8.287	225	284420	46.265	ng	99
35) Caprolactam	8.604	113	99240	34.453	ng	92
36) 4-Chloro-3-methylphenol	8.722	107	463653	48.276	ng	98
37) 2-Methylnaphthalene	8.869	142	958627	47.712	ng	100
38) 1-Methylnaphthalene	8.963	142	891975	45.336	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	443589	47.287	ng	99
41) Hexachlorocyclopentadiene	9.016	237	373760	155.180	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	298427	48.475	ng	99

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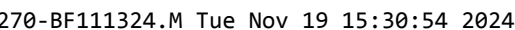
Instrument :
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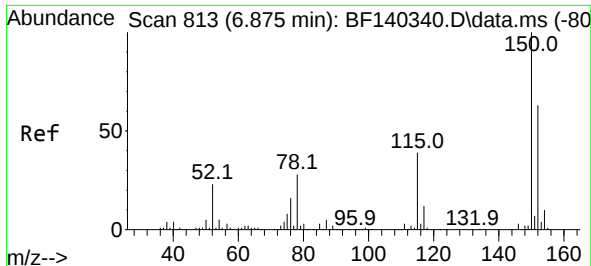
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	316498	47.022	ng	98
46) 1,1'-Biphenyl	9.334	154	1178581	47.757	ng	100
47) 2-Chloronaphthalene	9.357	162	885179	47.085	ng	99
48) 2-Nitroaniline	9.457	65	296890	47.619	ng	98
49) Acenaphthylene	9.775	152	1436576	50.506	ng	100
50) Dimethylphthalate	9.634	163	1097767	49.647	ng	100
51) 2,6-Dinitrotoluene	9.698	165	239999	47.611	ng	97
52) Acenaphthene	9.945	154	884727	46.053	ng	100
53) 3-Nitroaniline	9.869	138	122530	23.146	ng	99
54) 2,4-Dinitrophenol	9.981	184	260960	100.390	ng	99
55) Dibenzofuran	10.116	168	1290185	47.440	ng	99
56) 4-Nitrophenol	10.045	139	350311	90.721	ng	98
57) 2,4-Dinitrotoluene	10.104	165	316708	47.738	ng	98
58) Fluorene	10.463	166	992376	46.191	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	271606	51.106	ng	98
60) Diethylphthalate	10.334	149	1074251	47.513	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	492946	46.475	ng	99
62) 4-Nitroaniline	10.486	138	228544	42.223	ng	99
63) Azobenzene	10.610	77	1159482	51.902	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	179703	55.690	ng	96
66) n-Nitrosodiphenylamine	10.575	169	886182	51.138	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	300044	50.047	ng	98
68) Hexachlorobenzene	11.010	284	327029	48.481	ng	99
69) Atrazine	11.098	200	282583	53.898	ng	98
70) Pentachlorophenol	11.210	266	330332	90.910	ng	99
71) Phenanthrene	11.428	178	1445174	51.294	ng	99
72) Anthracene	11.481	178	1381103	50.017	ng	100
73) Carbazole	11.633	167	1273018	46.691	ng	100
74) Di-n-butylphthalate	11.957	149	1582422	48.357	ng	100
75) Fluoranthene	12.616	202	1481639	46.874	ng	100
77) Benzidine	12.739	184	206811	17.483	ng	99
78) Pyrene	12.845	202	1463566	55.516	ng	100
80) Butylbenzylphthalate	13.457	149	551340	54.441	ng	98
81) Benzo(a)anthracene	14.033	228	1114758	55.034	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	197920	30.741	ng	99
83) Chrysene	14.074	228	931656	50.409	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	722368	53.439	ng	99
85) Di-n-octyl phthalate	14.633	149	1096091	57.573	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	948309	49.158	ng	100
88) Benzo(b)fluoranthene	15.092	252	991589	48.539	ng	100
89) Benzo(k)fluoranthene	15.127	252	854678	51.213	ng	99
90) Benzo(a)pyrene	15.468	252	872789	55.017	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	762289	47.805	ng	99
92) Benzo(g,h,i)perylene	17.486	276	694135	42.580	ng	99

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

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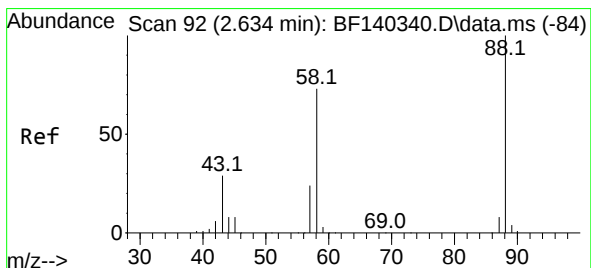
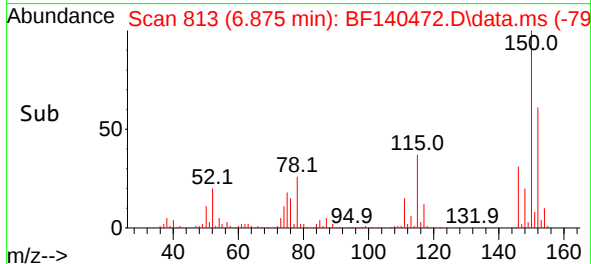
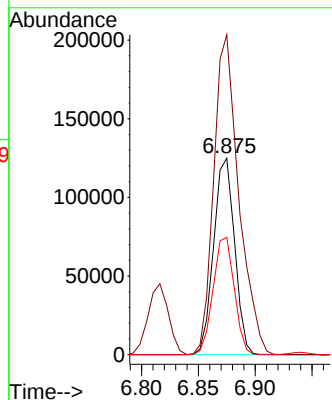
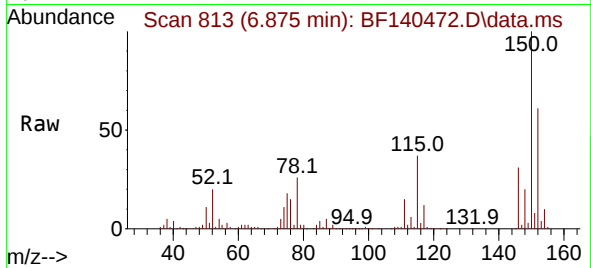




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140472.D
 Acq: 19 Nov 2024 14:39

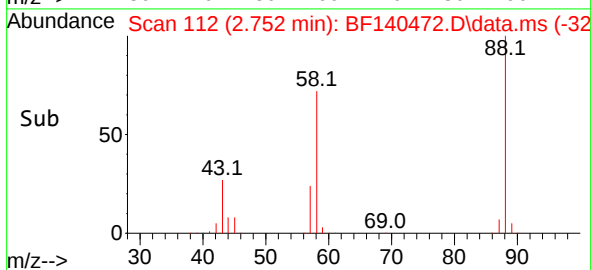
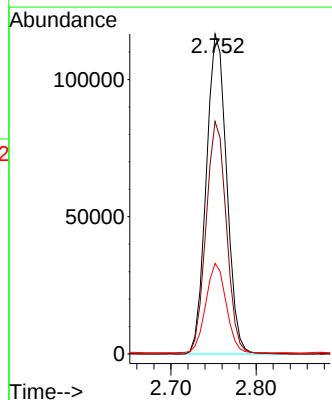
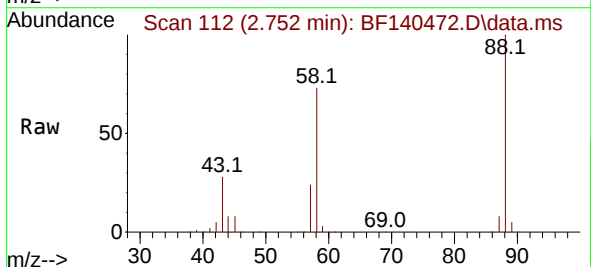
Instrument :
 BNA_F
 ClientSampleId :
 COMP-3MSD

Tgt Ion:152 Resp: 160639
 Ion Ratio Lower Upper
 152 100
 150 162.9 127.4 191.0
 115 59.7 47.4 71.2



#2
 1,4-Dioxane
 Concen: 46.152 ng
 RT: 2.752 min Scan# 112
 Delta R.T. 0.118 min
 Lab File: BF140472.D
 Acq: 19 Nov 2024 14:39

Tgt Ion: 88 Resp: 193532
 Ion Ratio Lower Upper
 88 100
 58 72.9 59.5 89.3
 43 28.0 23.4 35.2





#3

Pyridine

Concen: 45.512 ng

RT: 3.505 min Scan# 24

Delta R.T. 0.100 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

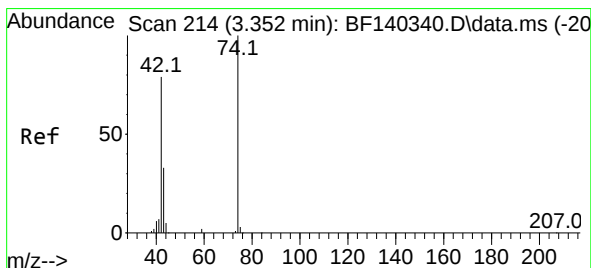
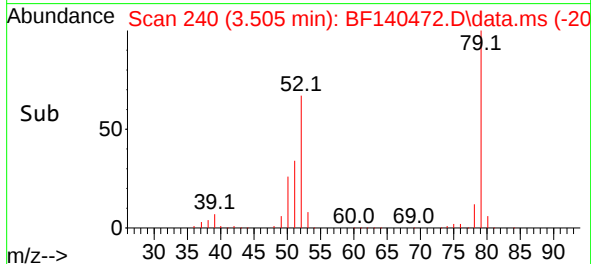
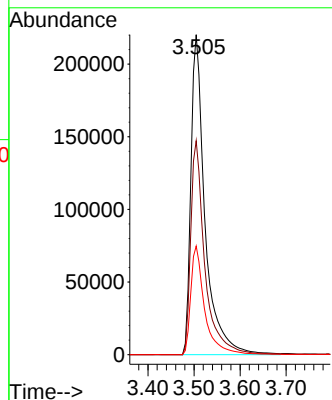
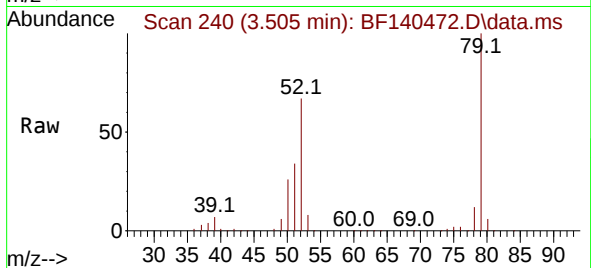
Tgt Ion: 79 Resp: 469179

Ion Ratio Lower Upper

79 100

52 66.9 53.8 80.6

51 34.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.481 ng

RT: 3.469 min Scan# 234

Delta R.T. 0.112 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

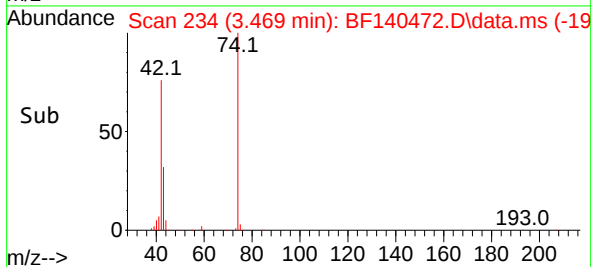
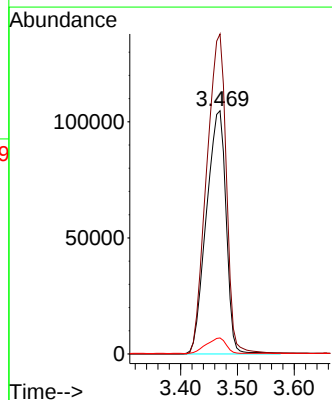
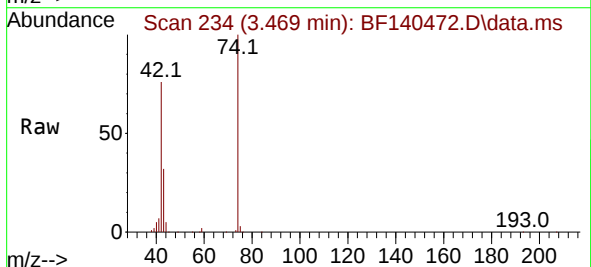
Tgt Ion: 42 Resp: 252595

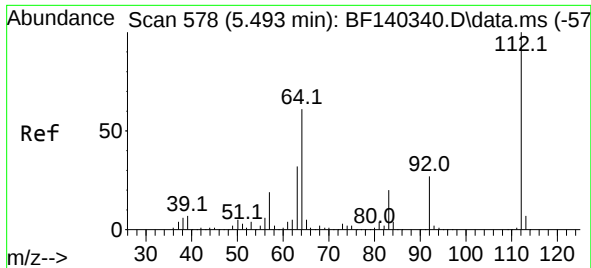
Ion Ratio Lower Upper

42 100

74 131.6 103.5 155.3

44 6.6 5.1 7.7

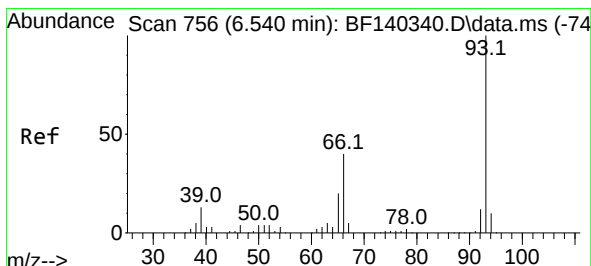
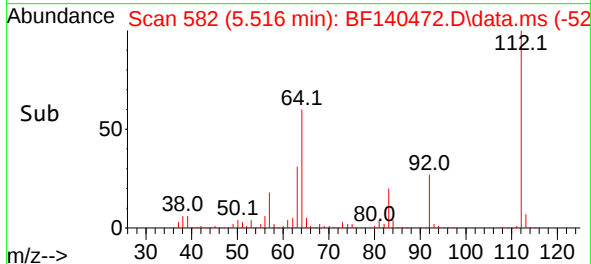
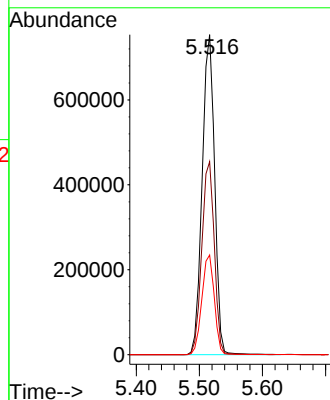
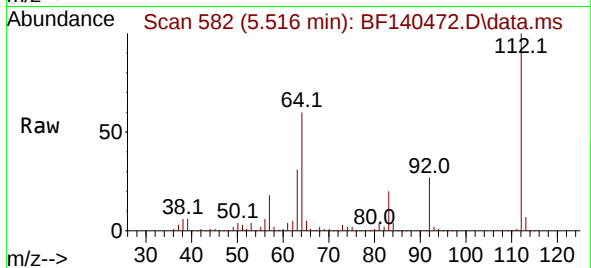




#5
2-Fluorophenol
Concen: 109.828 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

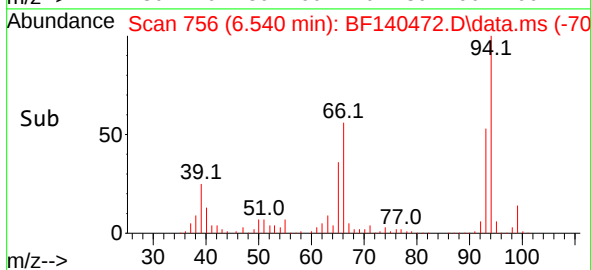
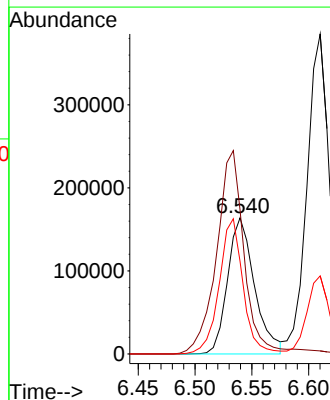
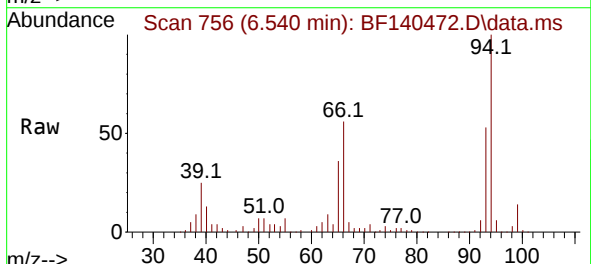
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:112 Resp: 1033315
Ion Ratio Lower Upper
112 100
64 60.3 49.2 73.8
63 31.2 25.6 38.4



#6
Aniline
Concen: 24.352 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 93 Resp: 270030
Ion Ratio Lower Upper
93 100
66 105.9 32.8 49.2#
65 68.1 16.6 25.0#

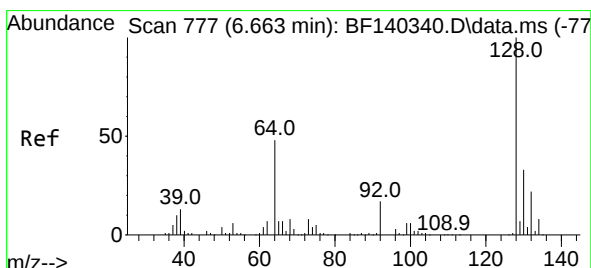
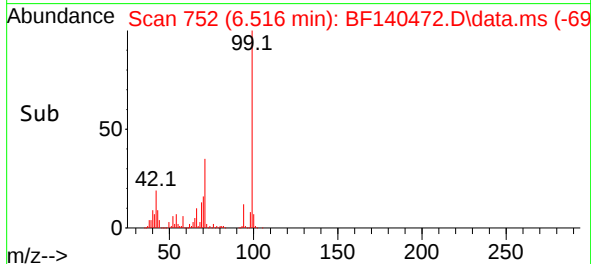
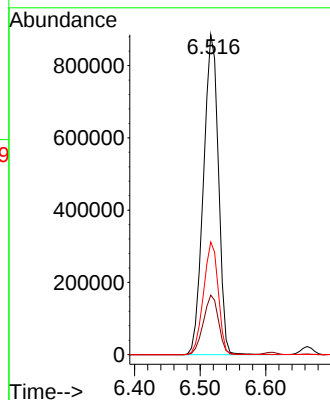
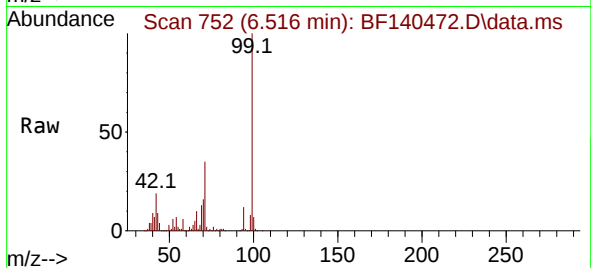




#7
Phenol-d6
Concen: 110.717 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

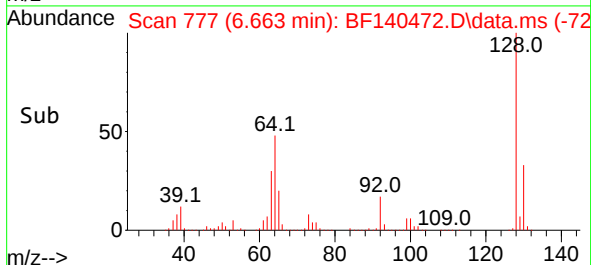
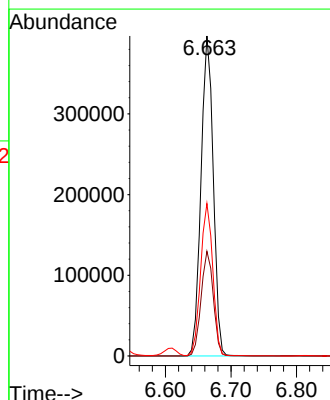
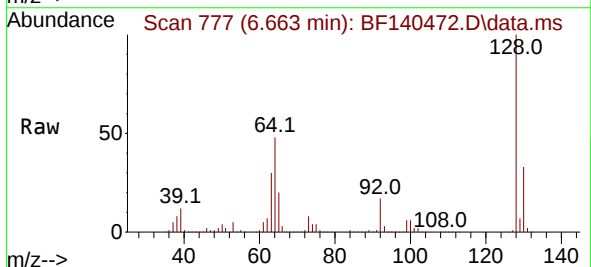
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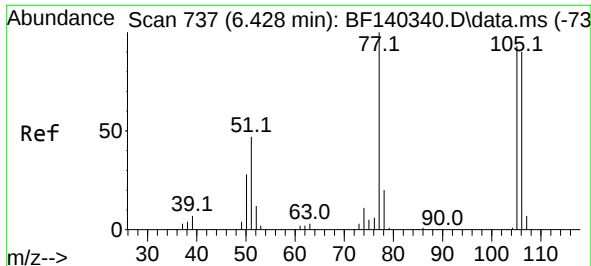
Tgt Ion: 99 Resp: 1411308
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 35.2 27.9 41.9



#8
2-Chlorophenol
Concen: 51.228 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 128 Resp: 517734
Ion Ratio Lower Upper
128 100
130 32.7 12.2 52.2
64 47.7 30.2 70.2





#9

Benzaldehyde

Concen: 6.156 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

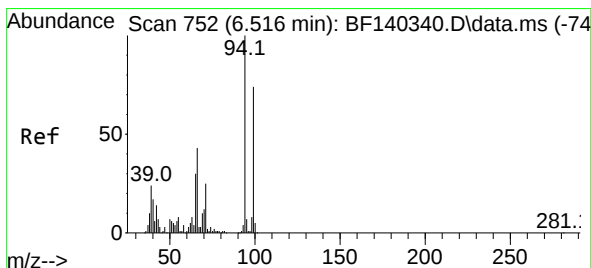
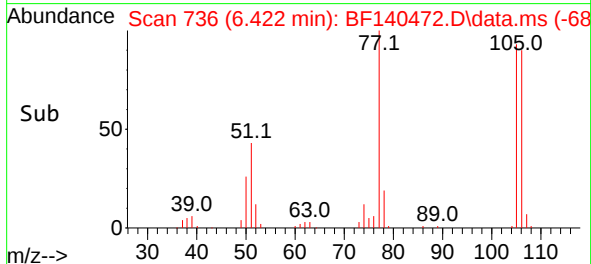
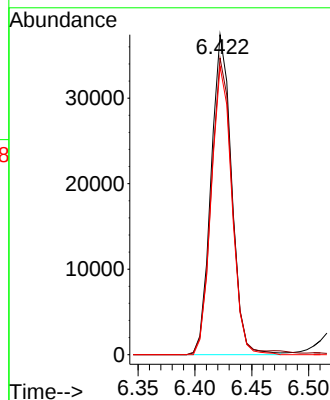
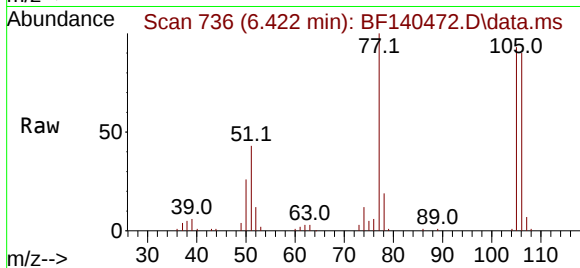
Tgt Ion: 77 Resp: 47030

Ion Ratio Lower Upper

77 100

105 92.7 74.4 114.4

106 90.1 69.9 109.9



#10

Phenol

Concen: 47.603 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

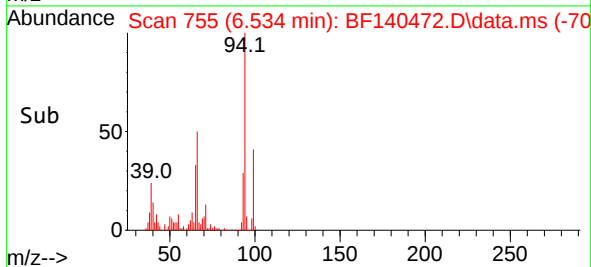
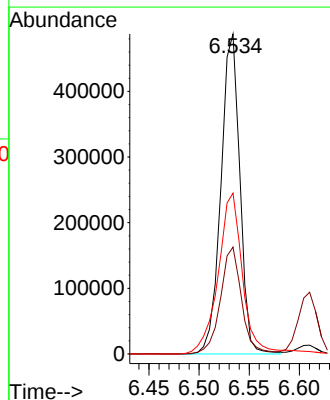
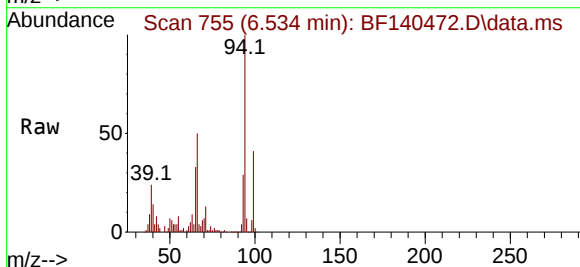
Tgt Ion: 94 Resp: 639912

Ion Ratio Lower Upper

94 100

65 33.4 10.4 50.4

66 50.2 22.9 62.9





#11

bis(2-Chloroethyl)ether

Concen: 50.375 ng

RT: 6.610 min Scan# 769

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

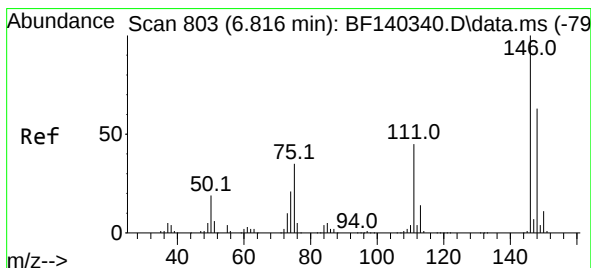
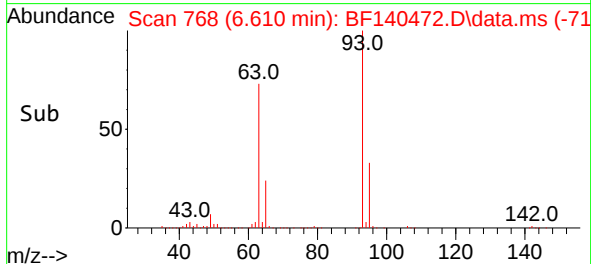
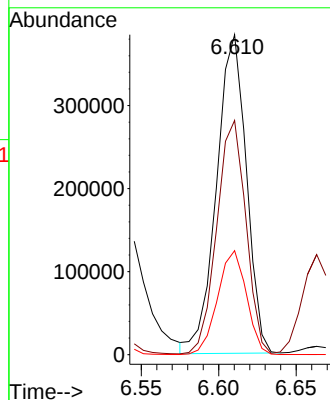
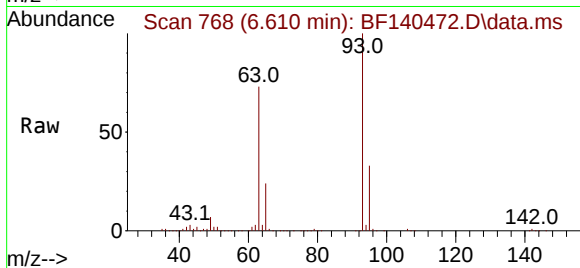
Tgt Ion: 93 Resp: 513101

Ion Ratio Lower Upper

93 100

63 73.2 54.0 94.0

95 32.5 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 47.210 ng

RT: 6.816 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

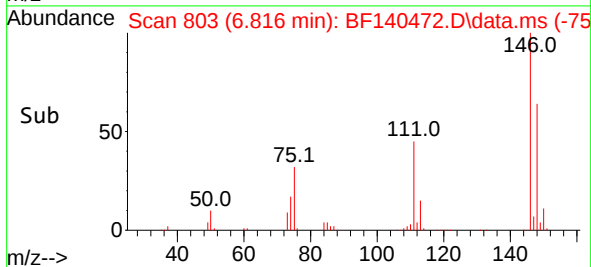
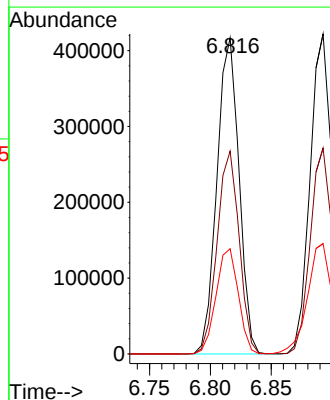
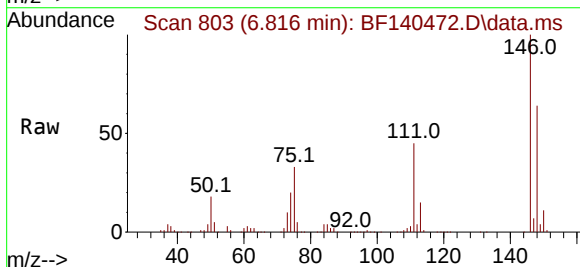
Tgt Ion:146 Resp: 526437

Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

75 33.3 26.4 39.6

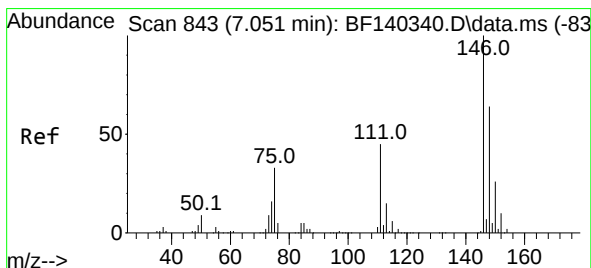
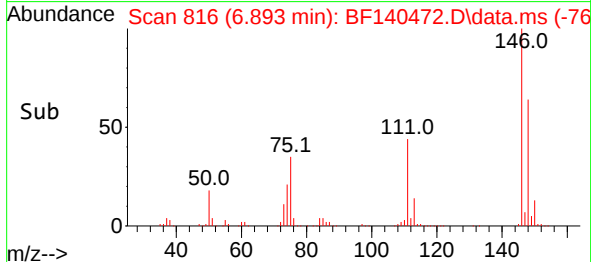
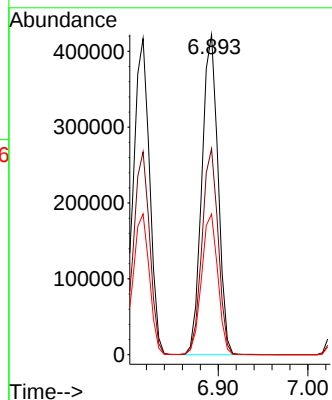
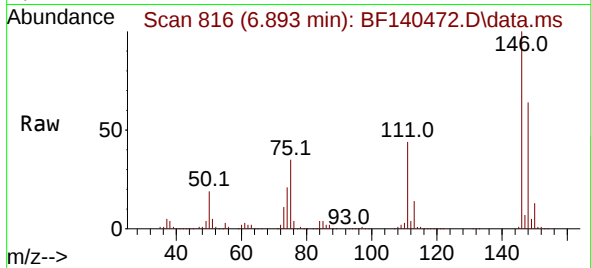




#13
1,4-Dichlorobenzene
Concen: 46.632 ng
RT: 6.893 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

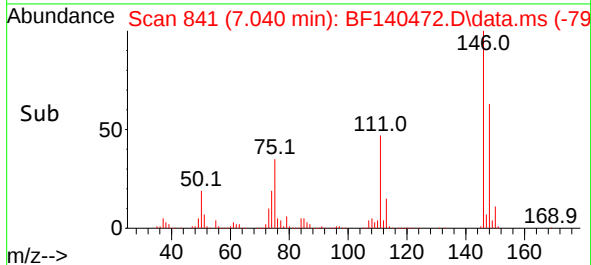
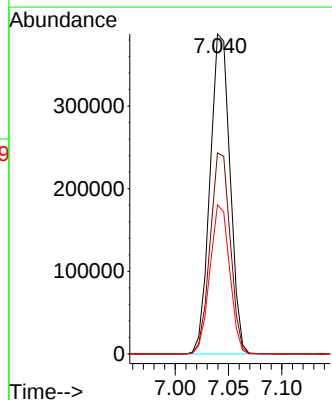
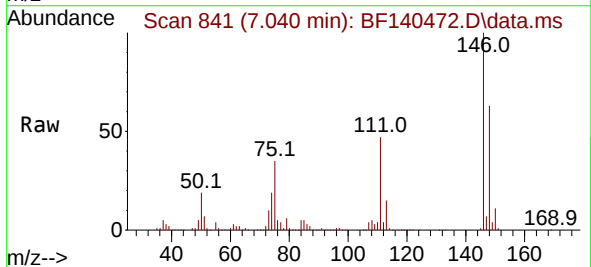
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:146 Resp: 527264
Ion Ratio Lower Upper
146 100
148 64.4 50.8 76.2
111 43.9 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 48.396 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:146 Resp: 507993
Ion Ratio Lower Upper
146 100
148 62.9 51.2 76.8
111 46.6 36.5 54.7

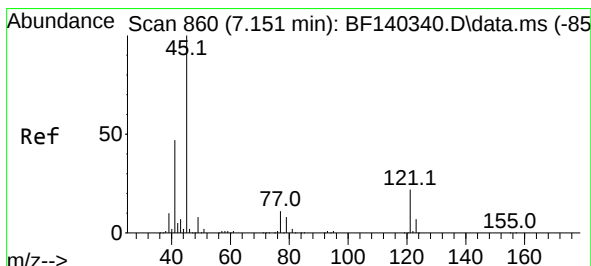
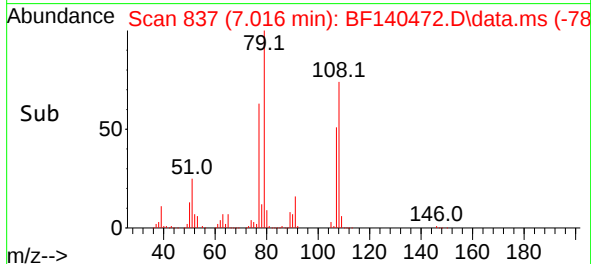
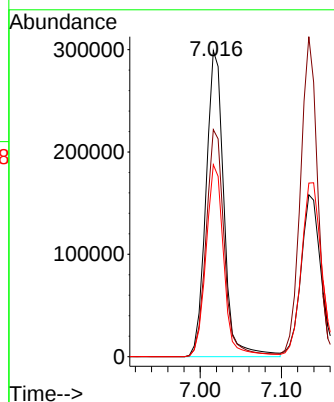
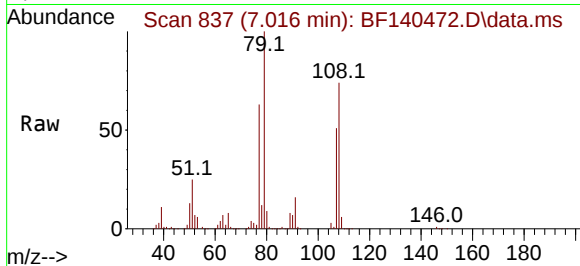




#15
Benzyl Alcohol
Concen: 49.857 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

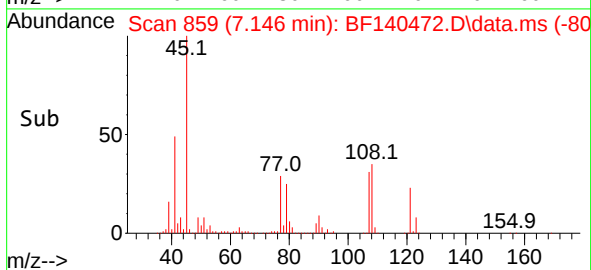
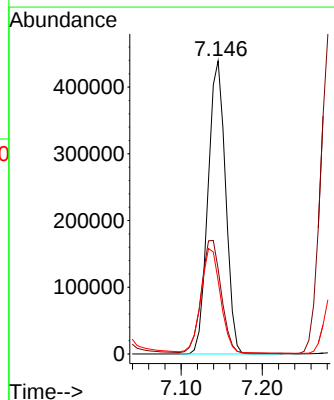
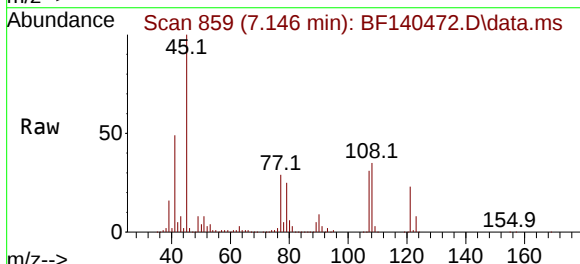
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

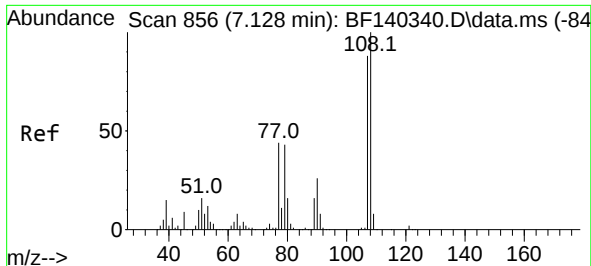
Tgt Ion: 79 Resp: 457879
Ion Ratio Lower Upper
79 100
108 74.2 57.8 86.6
77 62.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.676 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

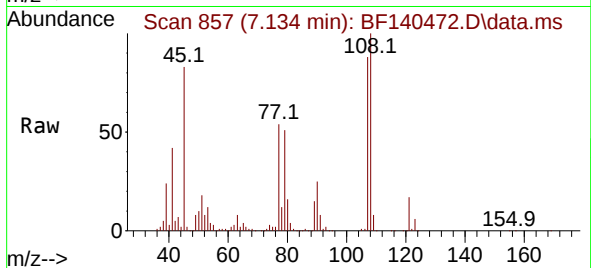
Tgt Ion: 45 Resp: 656682
Ion Ratio Lower Upper
45 100
77 29.0 0.0 34.8
79 25.0 0.0 31.4



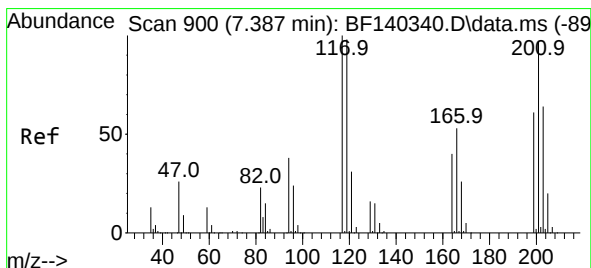
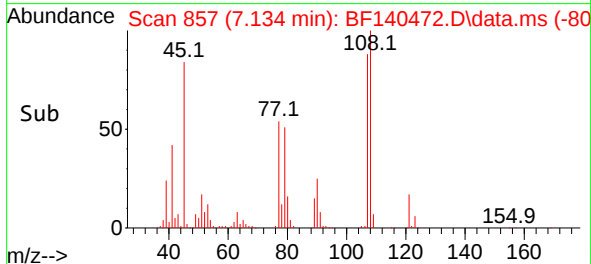
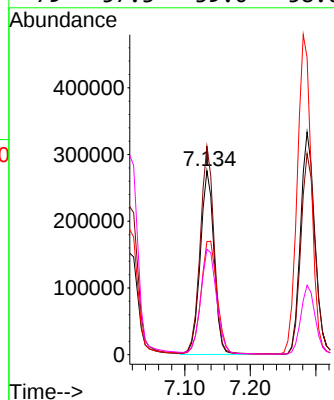


#17
2-Methylphenol
Concen: 48.850 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

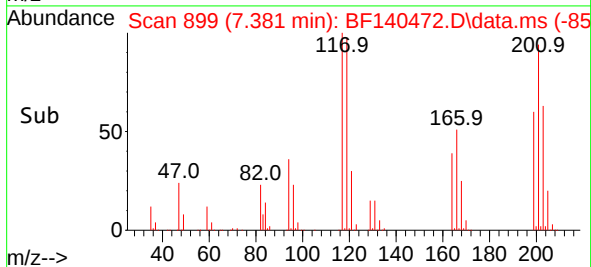
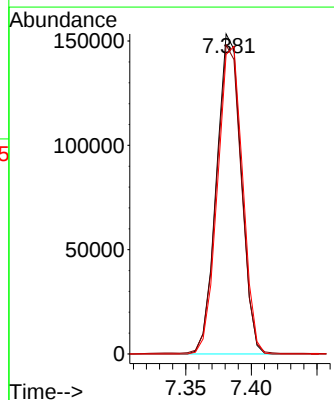
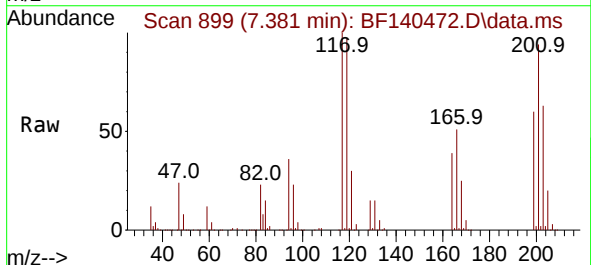


Tgt Ion:107 Resp: 406135
Ion Ratio Lower Upper
107 100
108 113.4 91.9 137.9
77 61.5 39.7 59.5#
79 57.3 39.0 58.6



#18
Hexachloroethane
Concen: 47.941 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:117 Resp: 200393
Ion Ratio Lower Upper
117 100
119 96.5 76.9 115.3
201 93.6 80.2 120.4



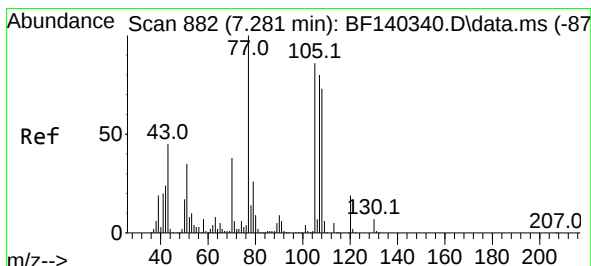
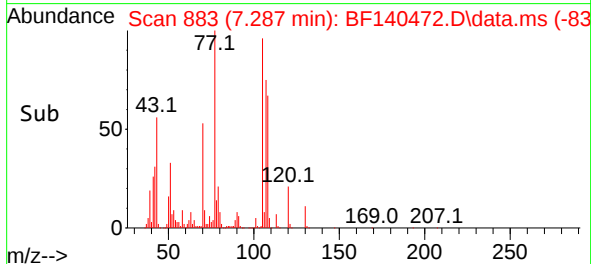
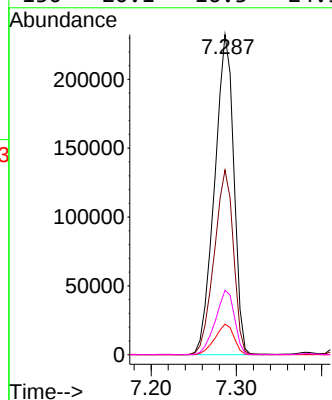
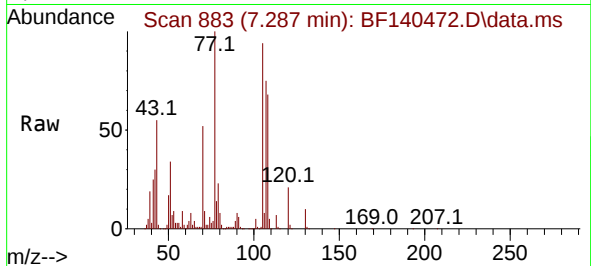


#19
n-Nitroso-di-n-propylamine
Concen: 47.309 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion: 70 Resp: 364215

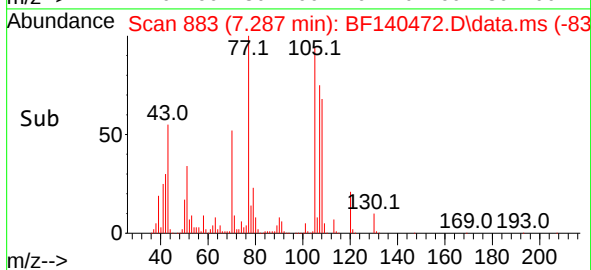
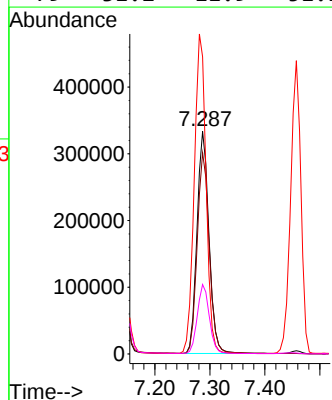
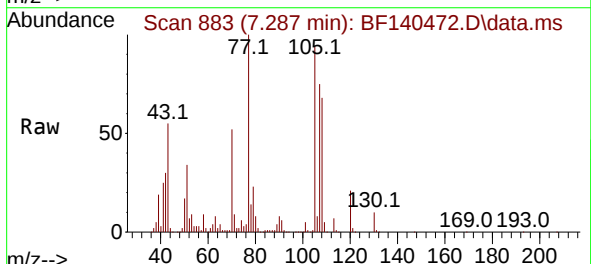
Ion	Ratio	Lower	Upper
70	100		
42	57.7	46.8	70.2
101	9.6	7.5	11.3
130	20.1	16.3	24.5

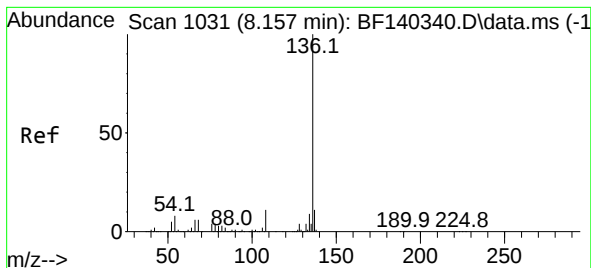


#20
3+4-Methylphenols
Concen: 48.525 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 107 Resp: 504536

Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.4	111.4
77	133.5	97.0	137.0
79	31.2	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

Tgt Ion:136 Resp: 617685

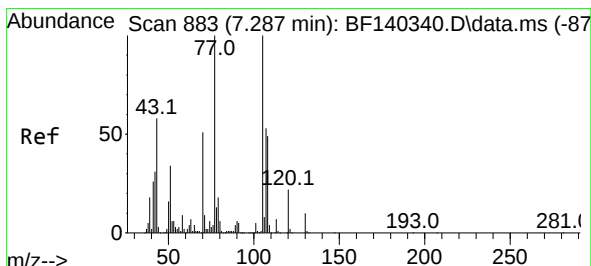
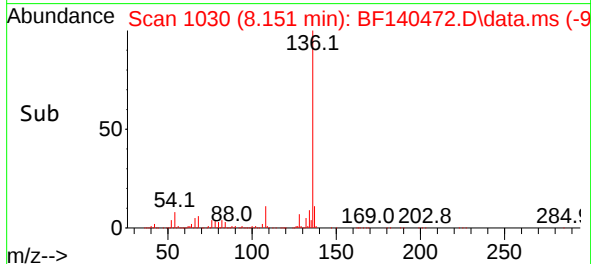
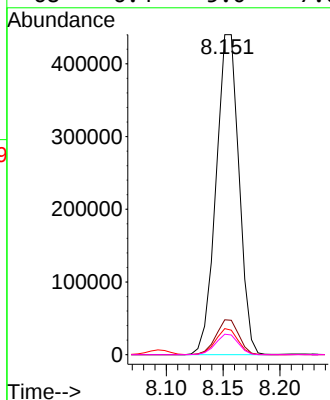
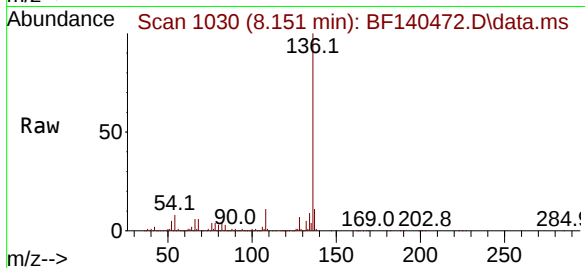
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.1 6.5 9.7

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 47.215 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Tgt Ion:105 Resp: 678302

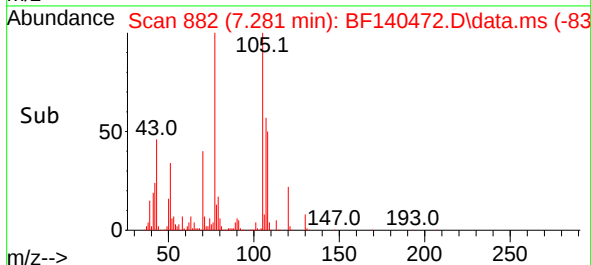
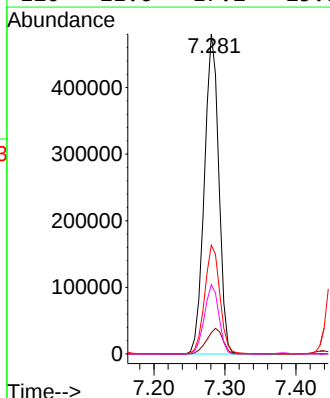
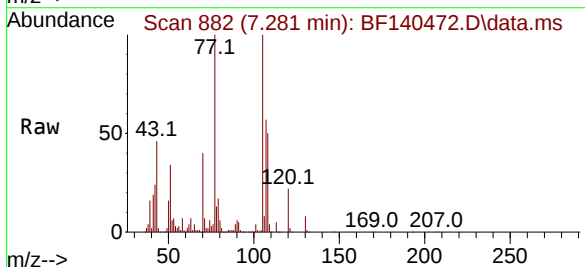
Ion Ratio Lower Upper

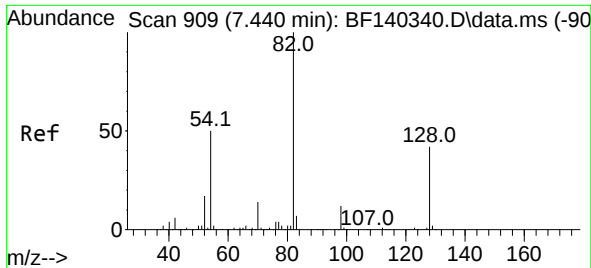
105 100

71 6.6 6.9 10.3#

51 34.0 28.6 43.0

120 21.6 17.2 25.8

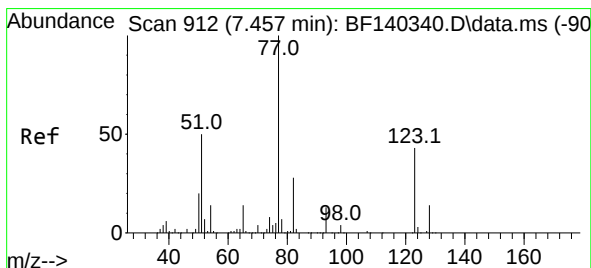
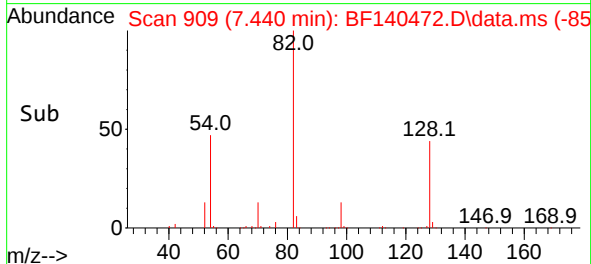
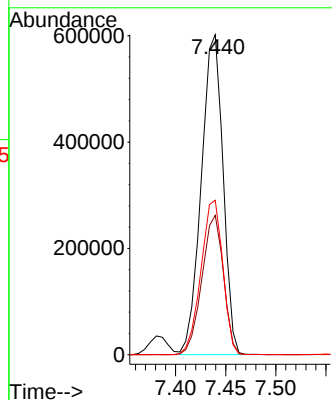
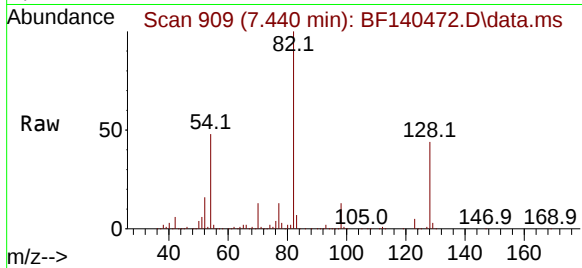




#23
Nitrobenzene-d5
Concen: 76.602 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

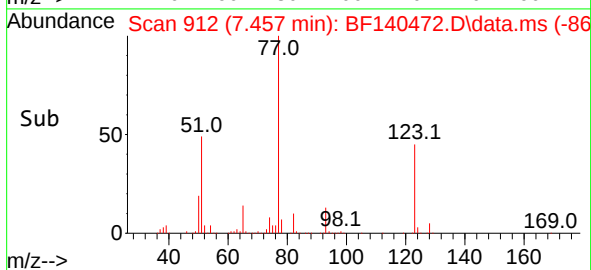
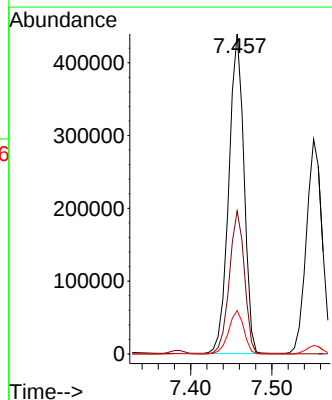
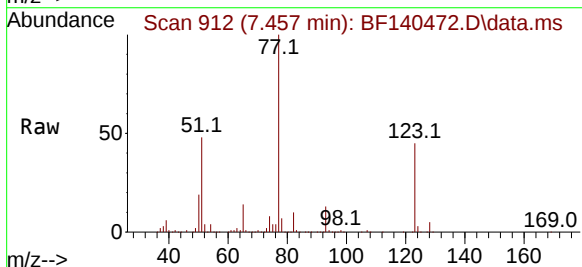
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

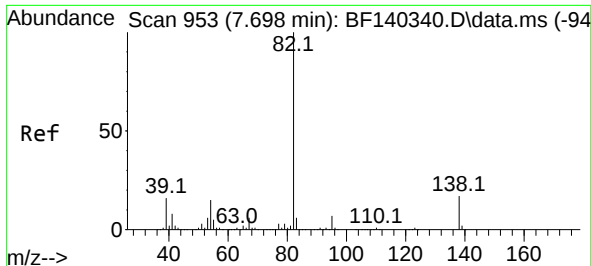
Tgt Ion: 82 Resp: 908125
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 48.2 39.8 59.8



#24
Nitrobenzene
Concen: 46.179 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 77 Resp: 569997
Ion Ratio Lower Upper
77 100
123 44.7 35.4 53.0
65 13.5 11.1 16.7

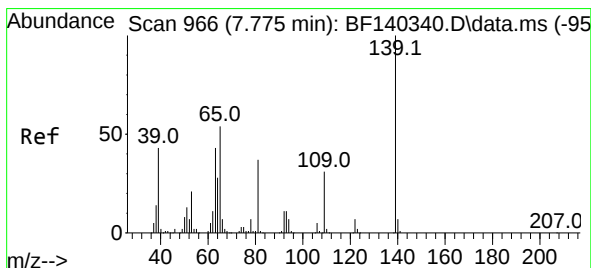
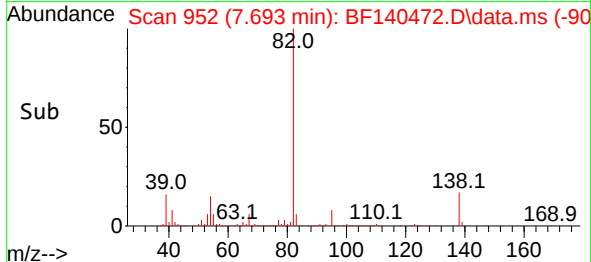
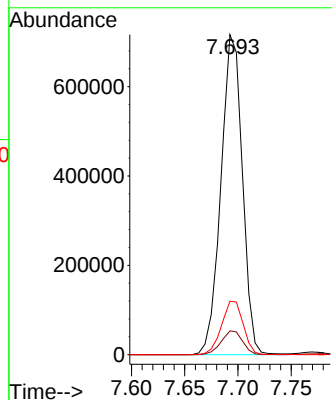
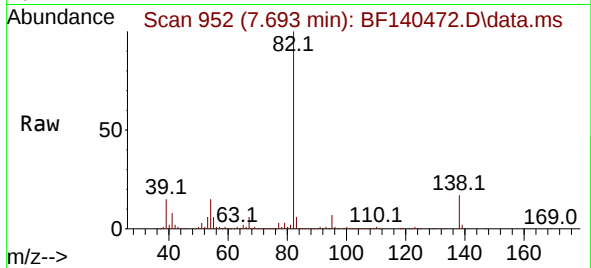




#25
Isophorone
Concen: 47.612 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

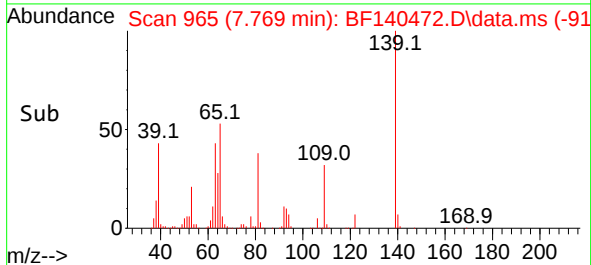
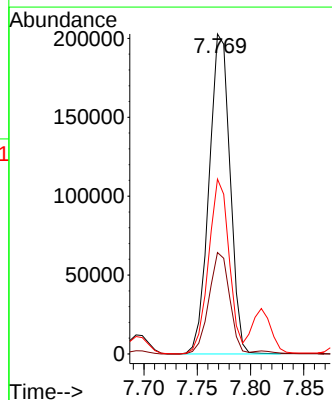
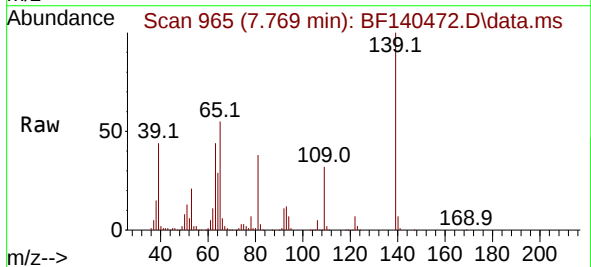
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

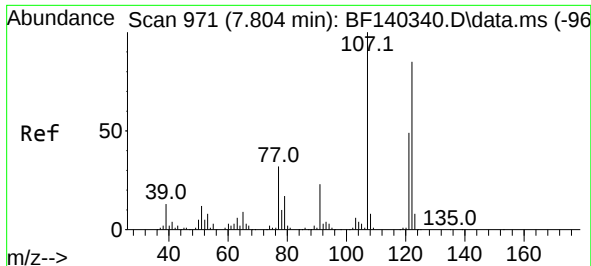
Tgt Ion: 82 Resp: 1000361
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 16.7 13.4 20.2



#26
2-Nitrophenol
Concen: 50.787 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:139 Resp: 278180
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 54.6 42.8 64.2

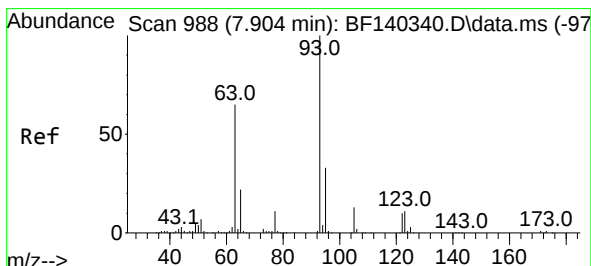
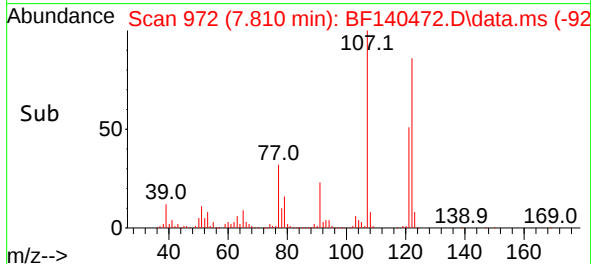
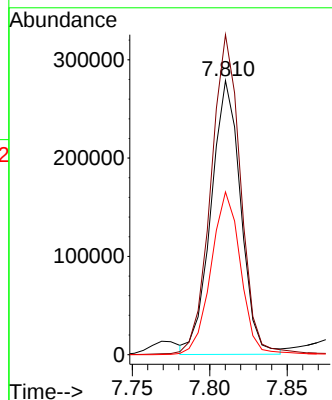
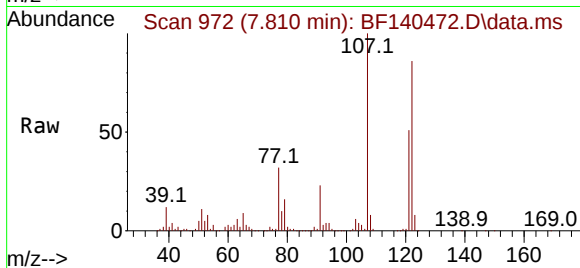




#27
2,4-Dimethylphenol
Concen: 52.962 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

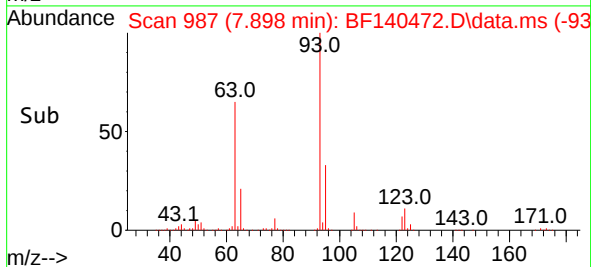
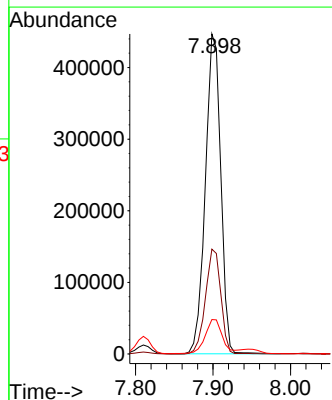
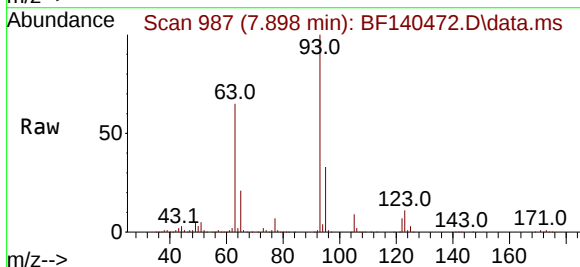
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

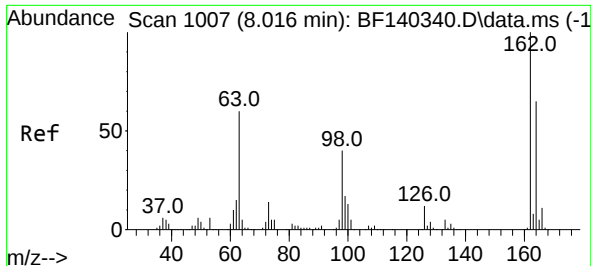
Tgt Ion:122 Resp: 371395
Ion Ratio Lower Upper
122 100
107 116.8 91.3 136.9
121 59.4 45.5 68.3



#28
bis(2-Chloroethoxy)methane
Concen: 47.808 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 93 Resp: 615923
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 10.7 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 49.465 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

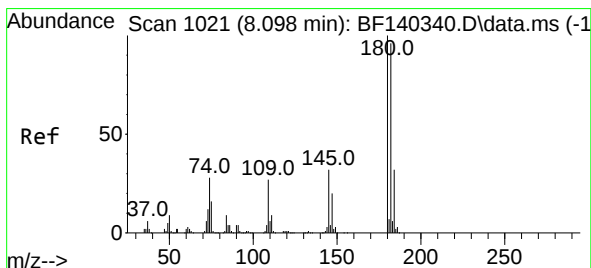
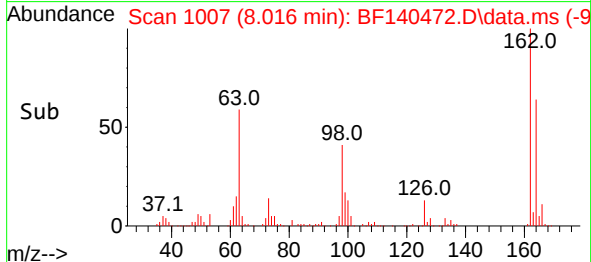
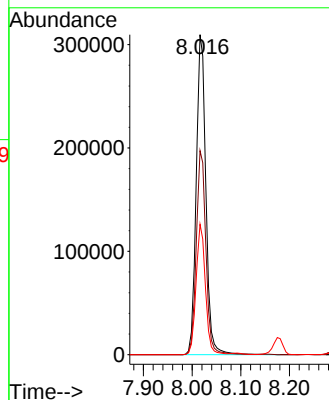
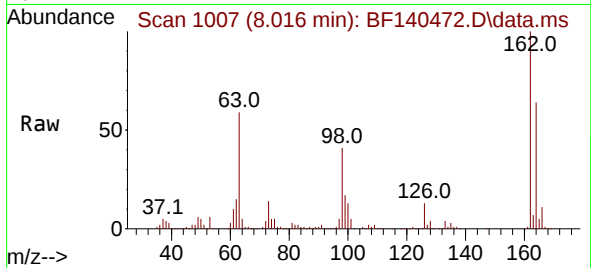
Tgt Ion:162 Resp: 428689

Ion Ratio Lower Upper

162 100

164 63.8 45.4 85.4

98 40.8 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 45.641 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

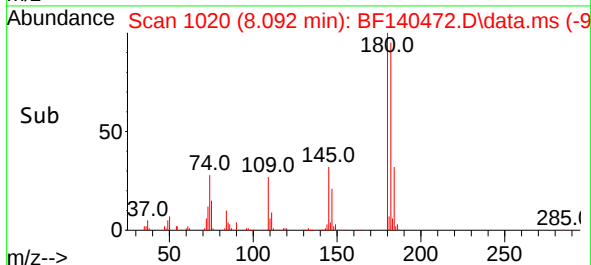
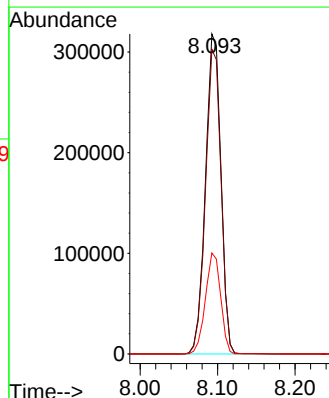
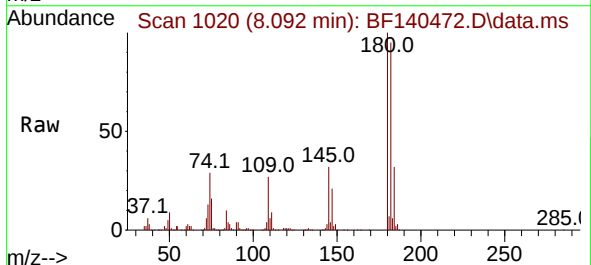
Tgt Ion:180 Resp: 440378

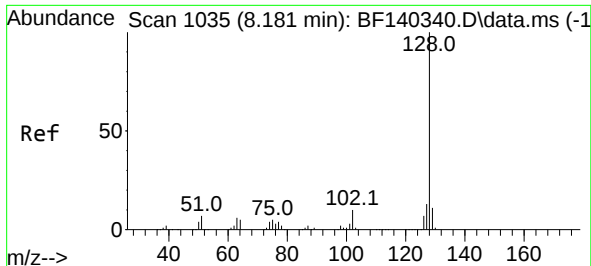
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 31.5 25.3 37.9

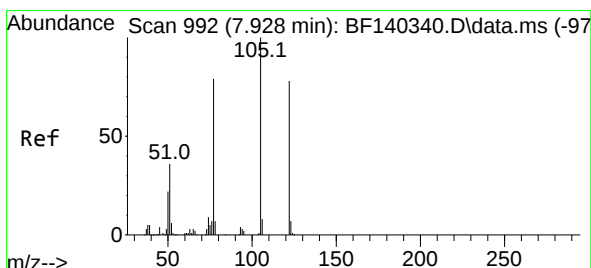
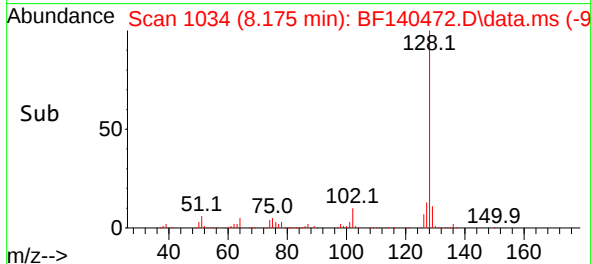
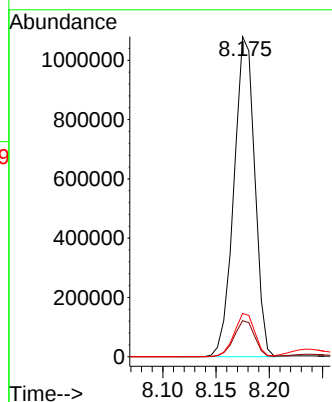
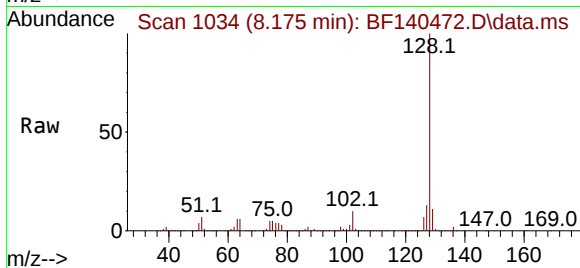




#31
Naphthalene
Concen: 47.027 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

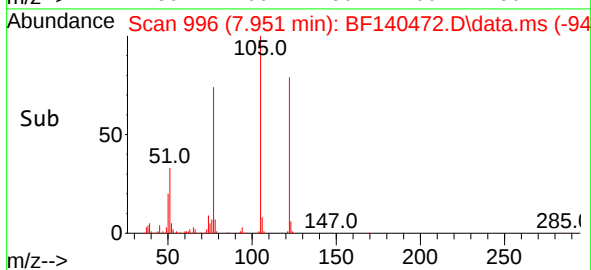
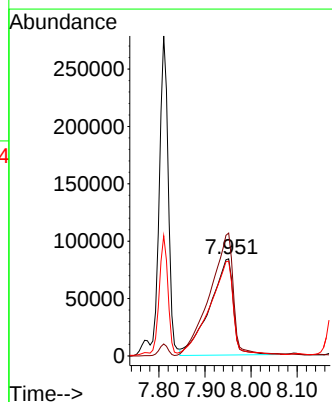
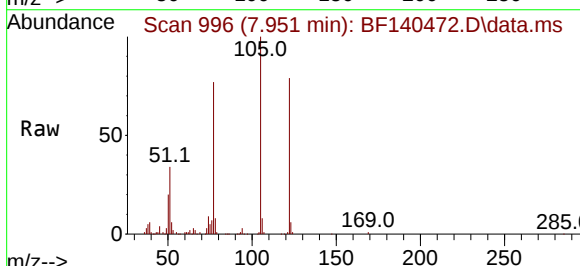
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

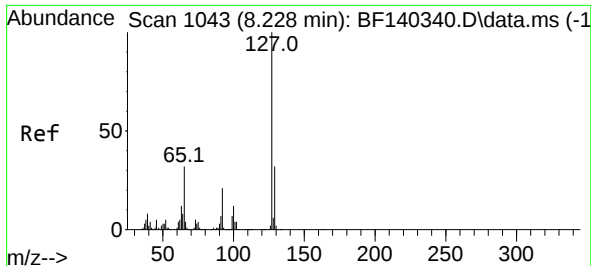
Tgt Ion:128 Resp: 1473550
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.6 15.8



#32
Benzoic acid
Concen: 48.262 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.024 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:122 Resp: 297798
Ion Ratio Lower Upper
122 100
105 126.7 100.9 140.9
77 97.8 76.0 116.0

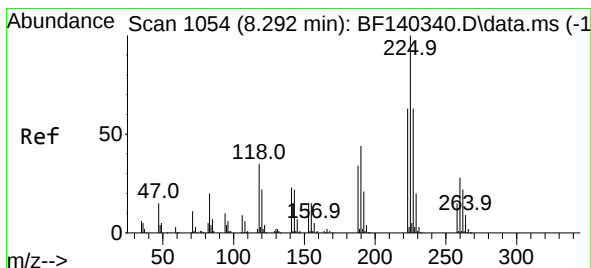
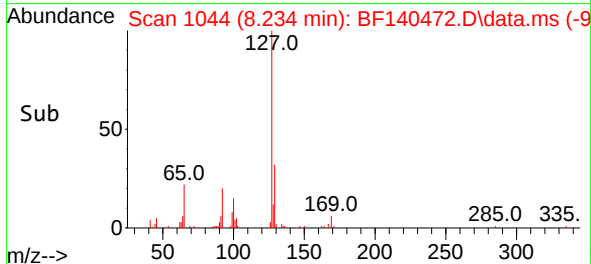
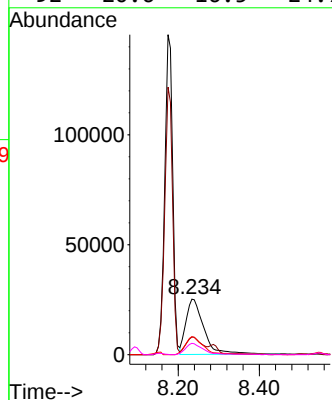
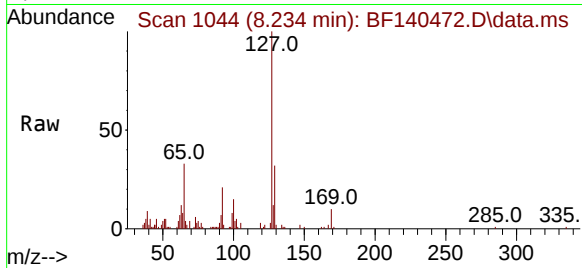




#33
4-Chloroaniline
Concen: 7.058 ng
RT: 8.234 min Scan# 1044
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

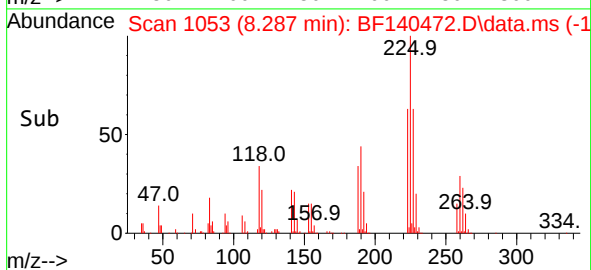
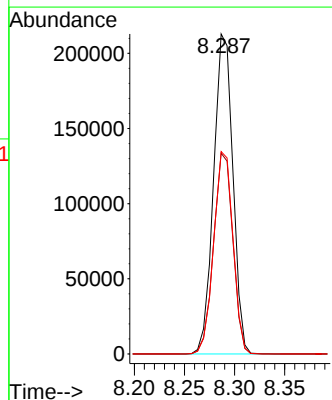
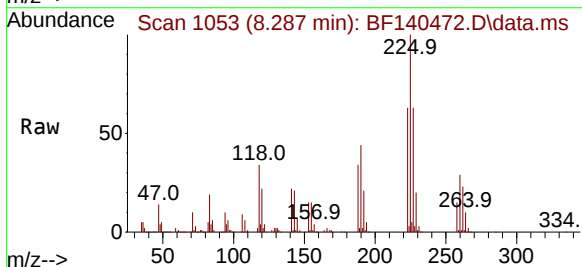
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

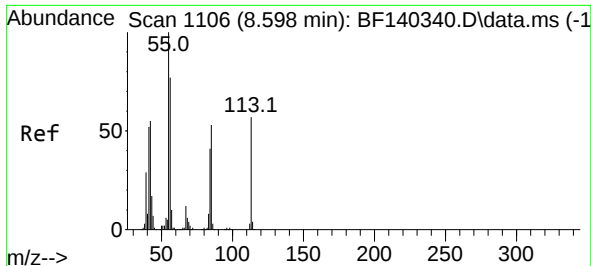
Tgt Ion:	127	Resp:	76913
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.2	39.4
65	32.6	25.8	38.6
92	20.6	16.5	24.7



#34
Hexachlorobutadiene
Concen: 46.265 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:	225	Resp:	284420
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.1	75.1
227	63.2	51.3	76.9

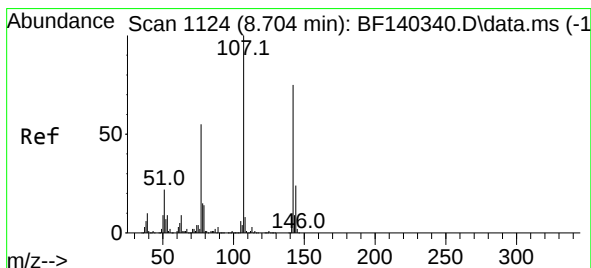
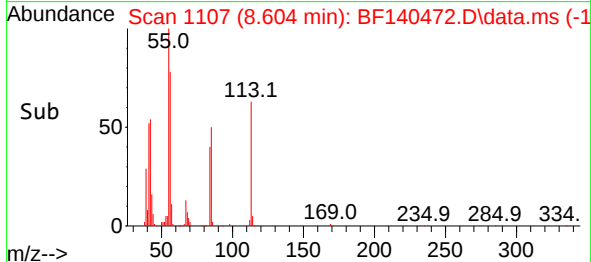
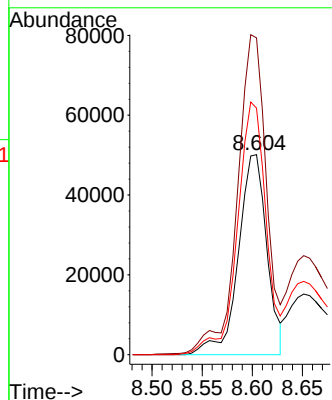
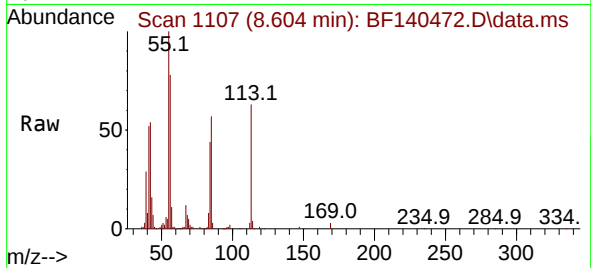




#35
Caprolactam
Concen: 34.453 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

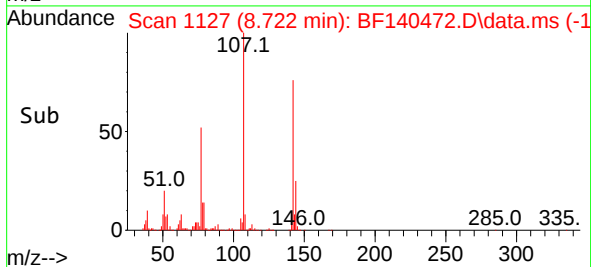
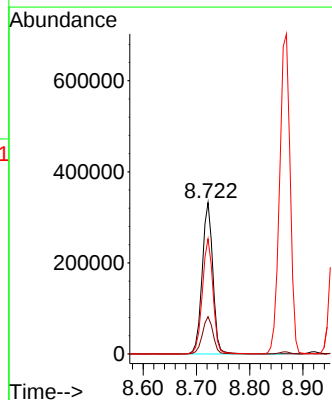
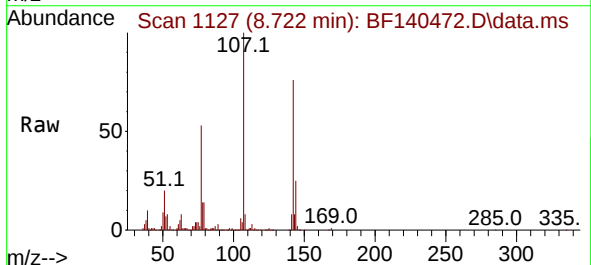
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

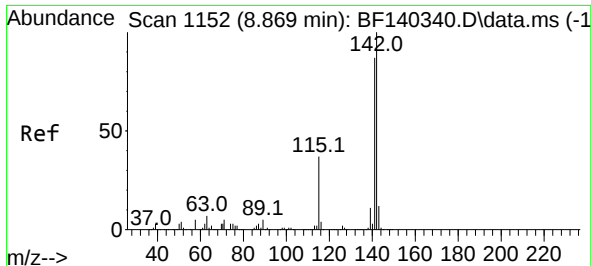
Tgt Ion:113 Resp: 99240
Ion Ratio Lower Upper
113 100
55 158.4 150.0 190.0
56 123.2 111.1 151.1



#36
4-Chloro-3-methylphenol
Concen: 48.276 ng
RT: 8.722 min Scan# 1127
Delta R.T. 0.018 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:107 Resp: 463653
Ion Ratio Lower Upper
107 100
144 24.6 19.3 28.9
142 76.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 47.712 ng

RT: 8.869 min Scan# 1152

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

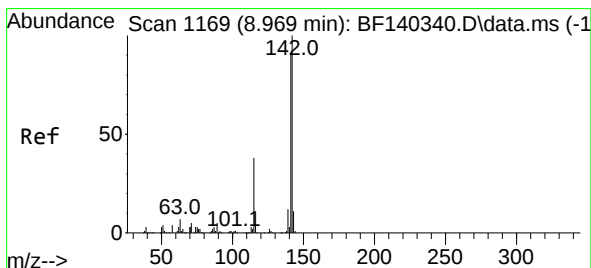
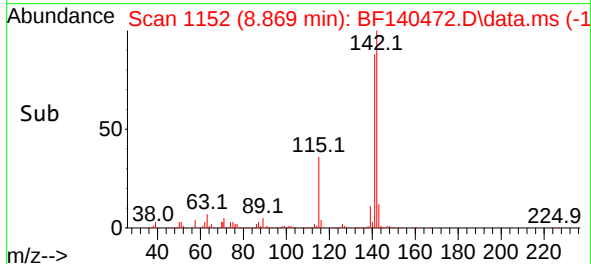
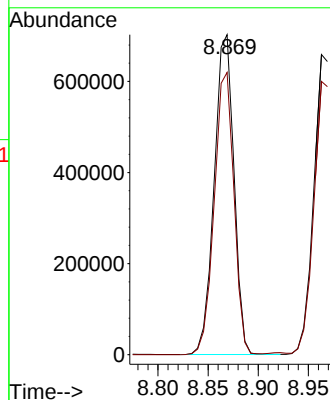
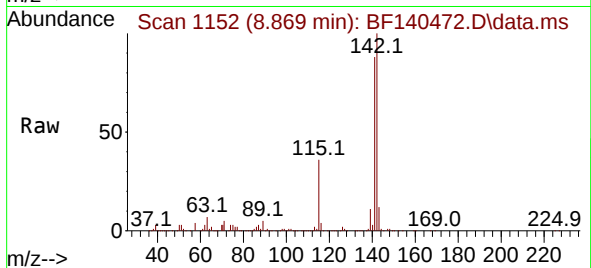
COMP-3MSD

Tgt Ion:142 Resp: 958627

Ion Ratio Lower Upper

142 100

141 88.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 45.336 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140472.D

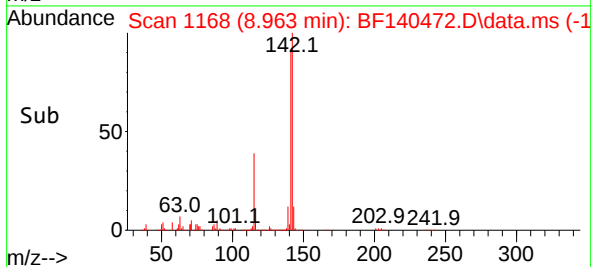
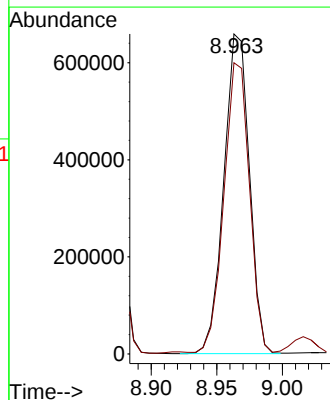
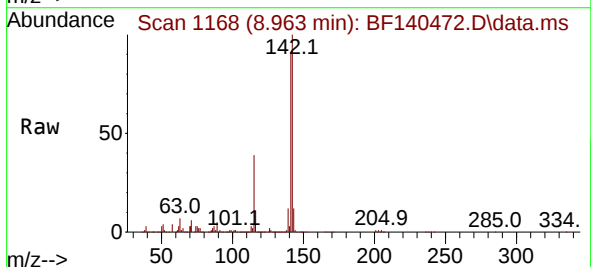
Acq: 19 Nov 2024 14:39

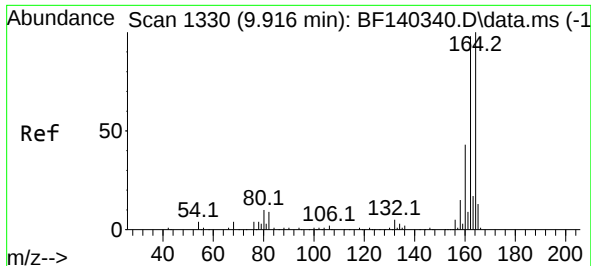
Tgt Ion:142 Resp: 891975

Ion Ratio Lower Upper

142 100

141 91.0 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

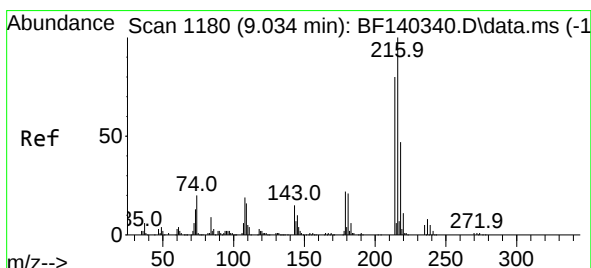
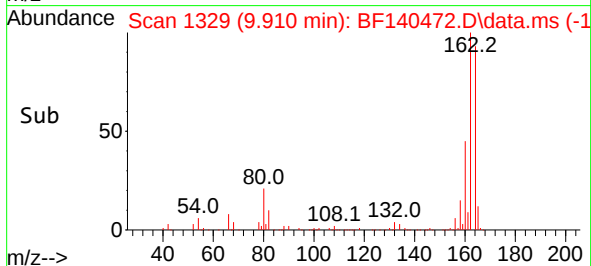
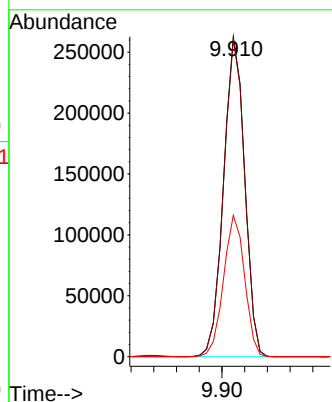
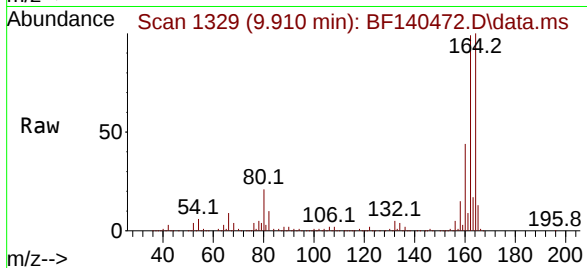
Tgt Ion:164 Resp: 339230

Ion Ratio Lower Upper

164 100

162 99.1 79.8 119.8

160 44.1 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.287 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Tgt Ion:216 Resp: 443589

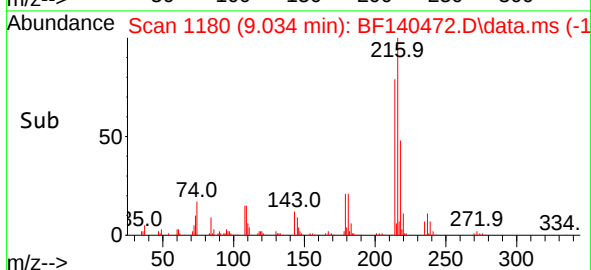
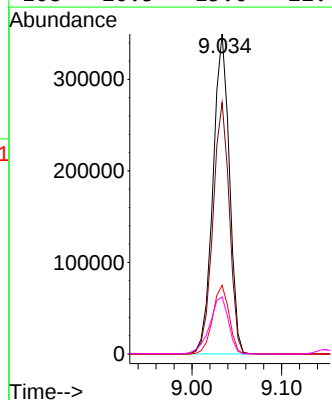
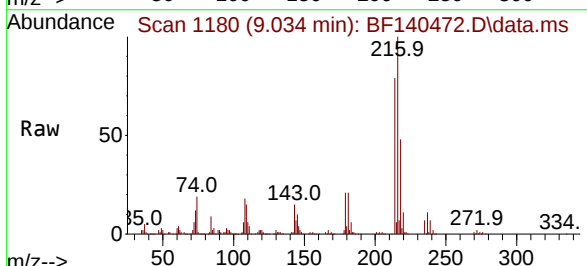
Ion Ratio Lower Upper

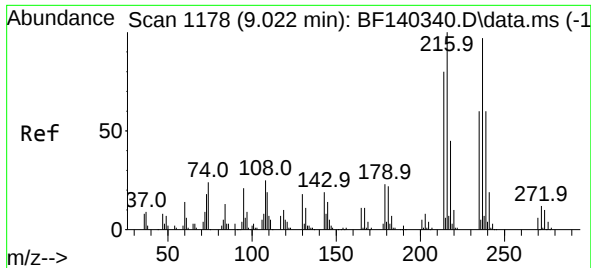
216 100

214 78.6 63.2 94.8

179 21.5 17.2 25.8

108 20.5 15.0 22.4

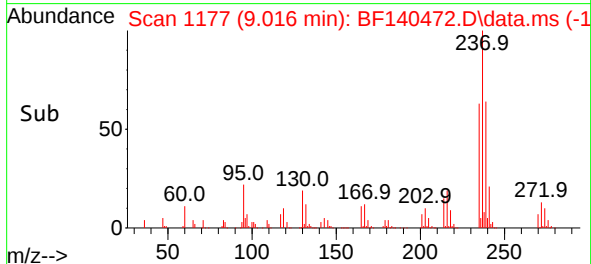
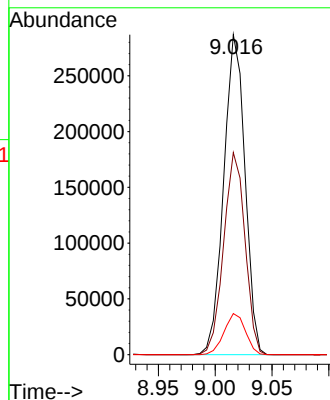
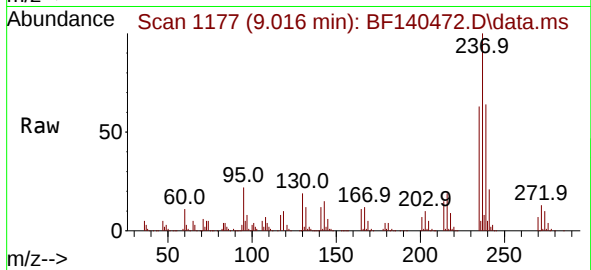




#41
Hexachlorocyclopentadiene
Concen: 155.180 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

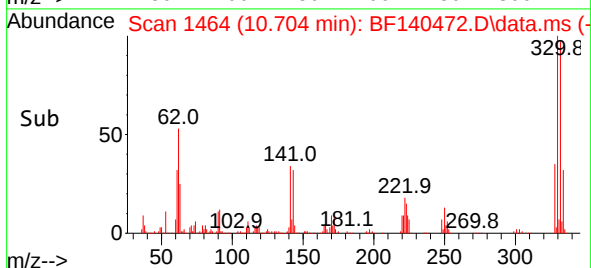
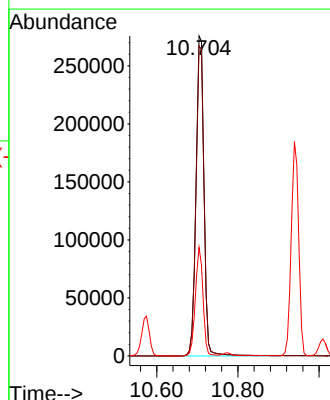
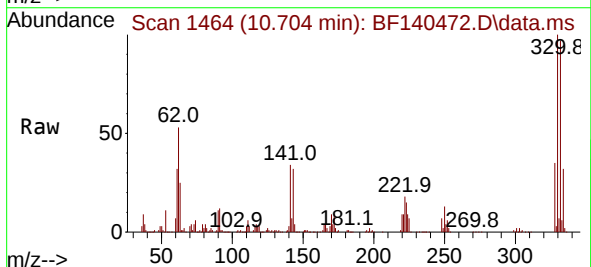
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

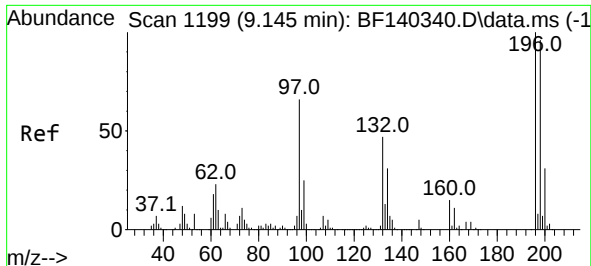
Tgt Ion:237 Resp: 373760
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 12.9 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 112.603 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:330 Resp: 379851
Ion Ratio Lower Upper
330 100
332 97.2 75.9 113.9
141 32.4 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 48.475 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

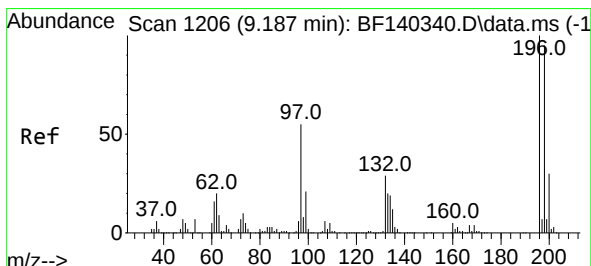
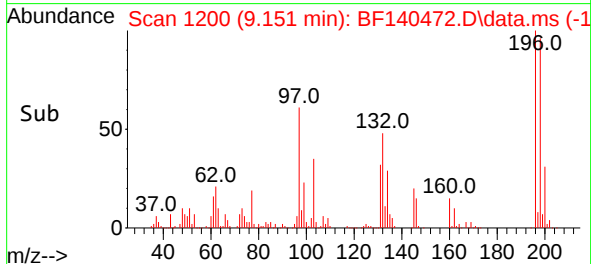
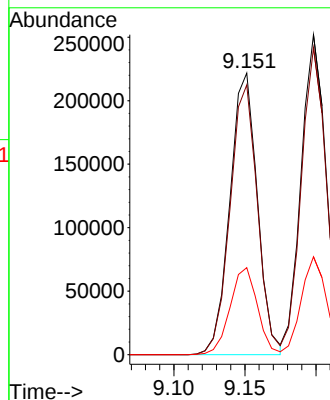
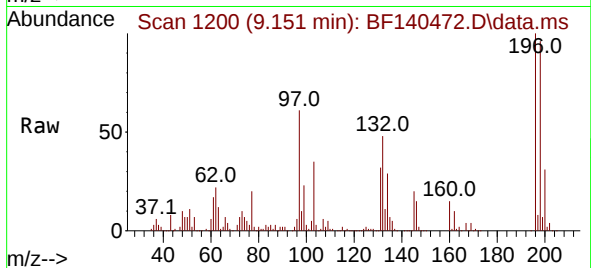
Tgt Ion:196 Resp: 298427

Ion Ratio Lower Upper

196 100

198 95.8 77.0 115.4

200 30.9 24.2 36.4



#44

2,4,5-Trichlorophenol

Concen: 47.022 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Tgt Ion:196 Resp: 316498

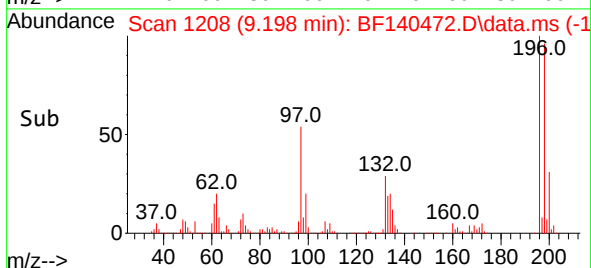
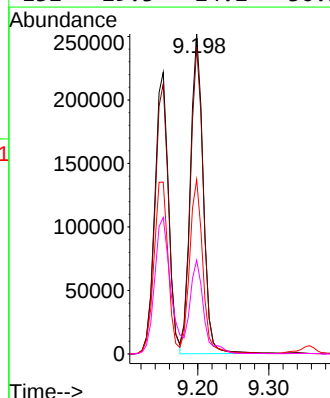
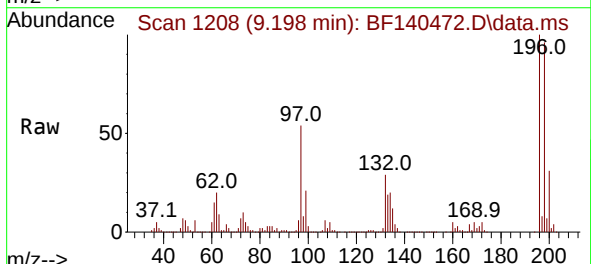
Ion Ratio Lower Upper

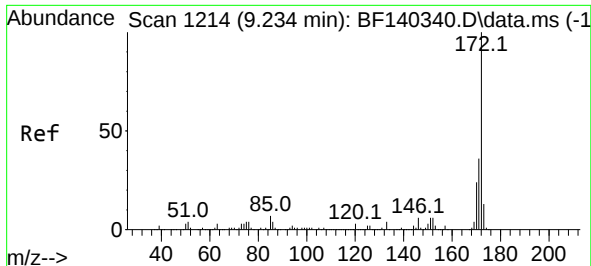
196 100

198 96.0 77.6 116.4

97 54.5 45.4 68.2

132 29.3 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 74.136 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

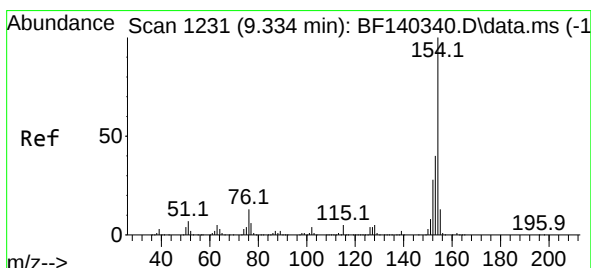
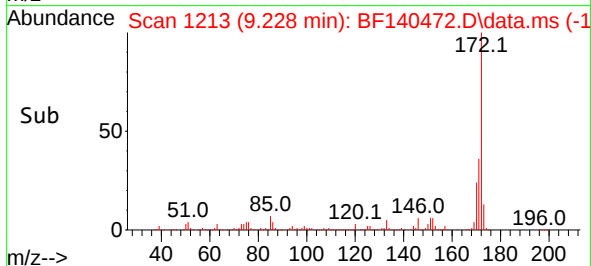
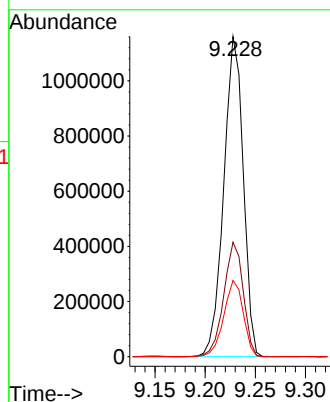
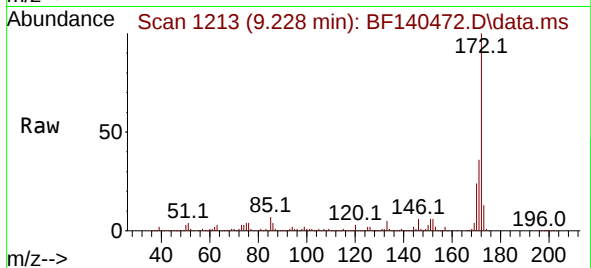
Tgt Ion:172 Resp: 1564446

Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 47.757 ng

RT: 9.334 min Scan# 1231

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

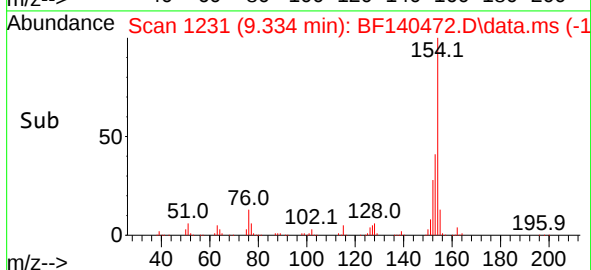
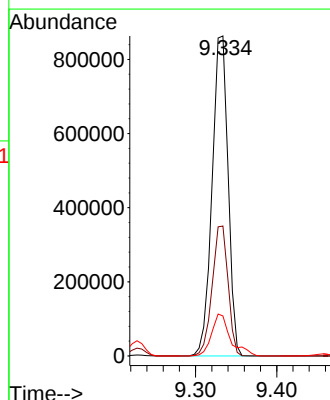
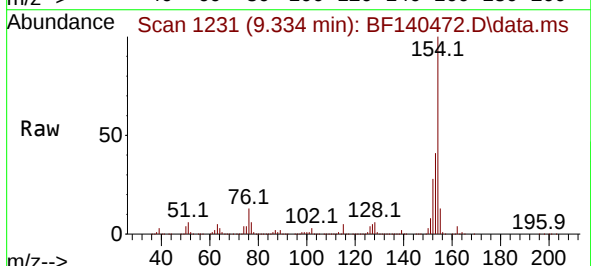
Tgt Ion:154 Resp: 1178581

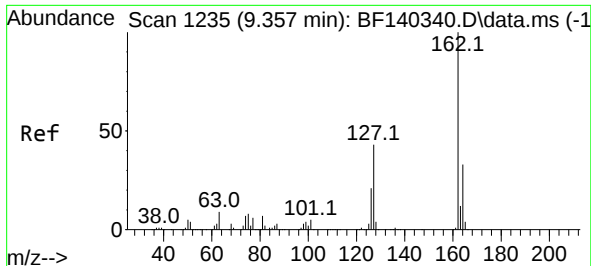
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 12.5 0.0 32.9

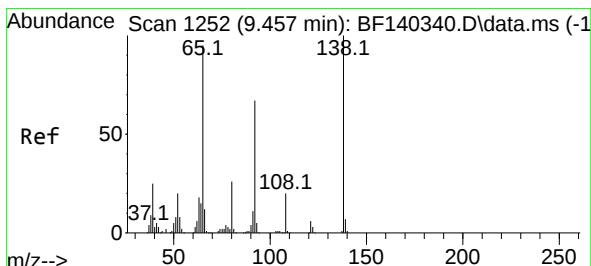
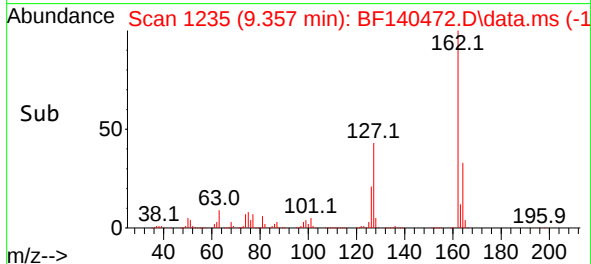
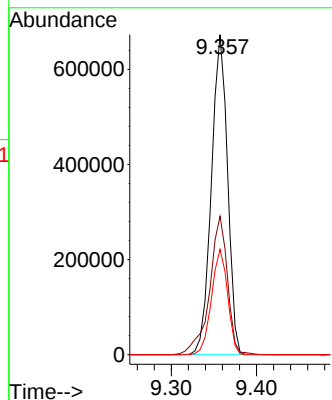
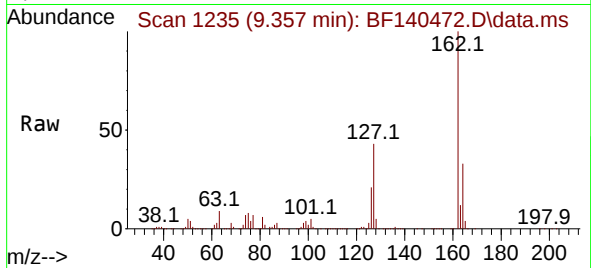




#47
2-Chloronaphthalene
Concen: 47.085 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

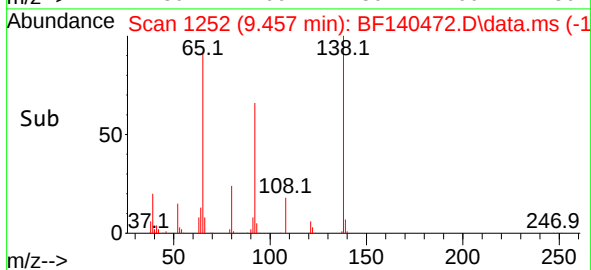
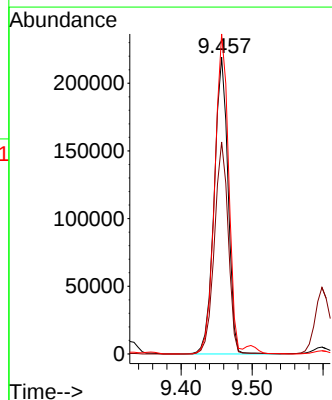
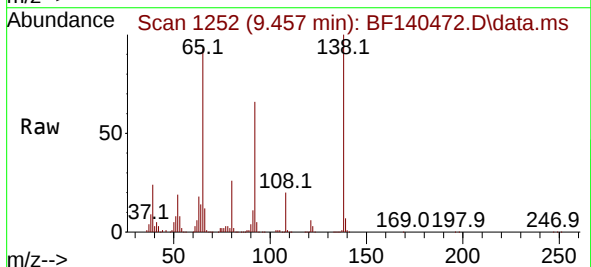
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

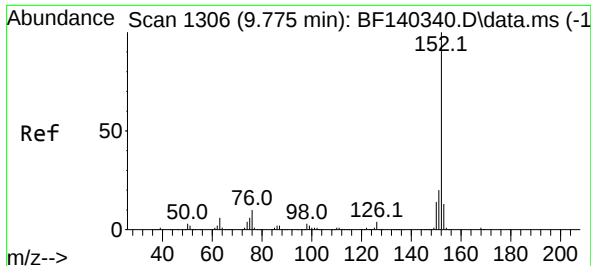
Tgt Ion:162 Resp: 885179
Ion Ratio Lower Upper
162 100
127 43.3 34.0 51.0
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 47.619 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 65 Resp: 296890
Ion Ratio Lower Upper
65 100
92 71.4 56.4 84.6
138 107.8 84.8 127.2





#49

Acenaphthylene

Concen: 50.506 ng

RT: 9.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

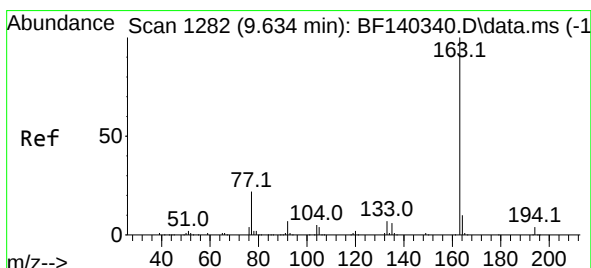
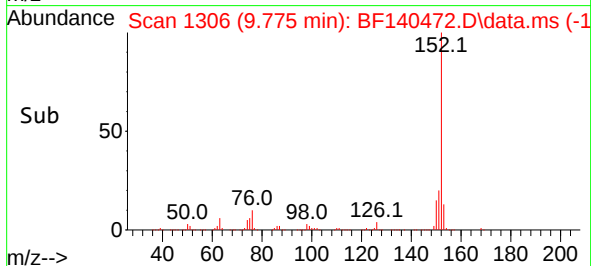
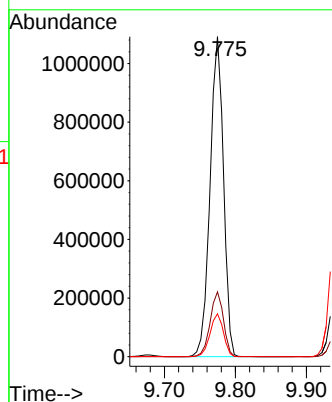
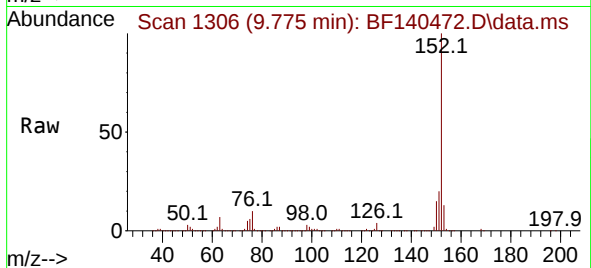
Tgt Ion:152 Resp: 1436576

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.4 10.7 16.1



#50

Dimethylphthalate

Concen: 49.647 ng

RT: 9.634 min Scan# 1282

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

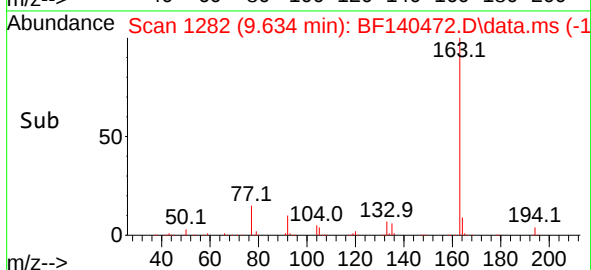
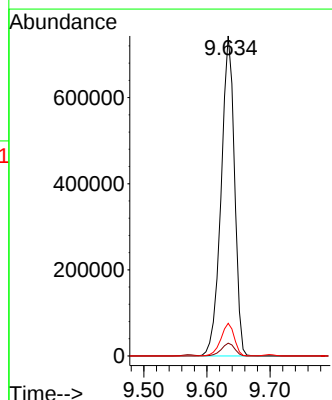
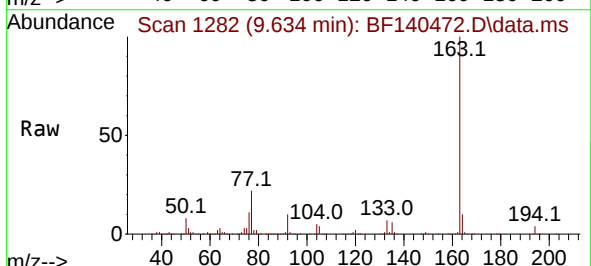
Tgt Ion:163 Resp: 1097767

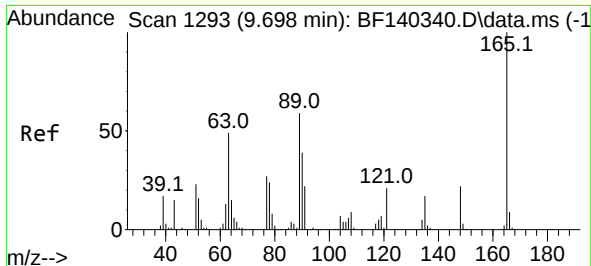
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.2 8.2 12.4

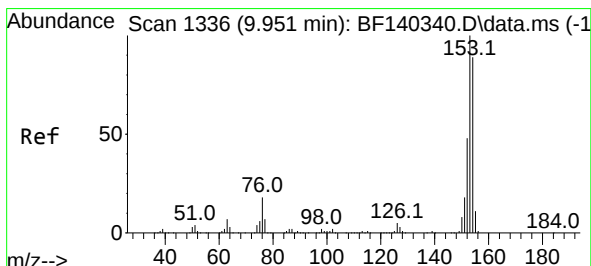
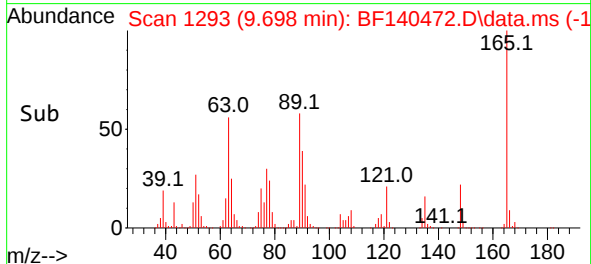
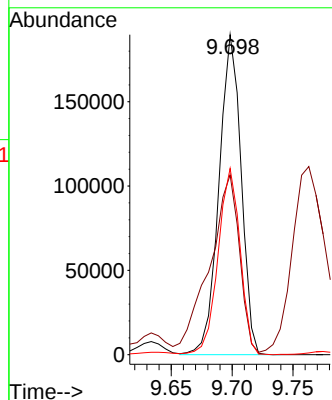
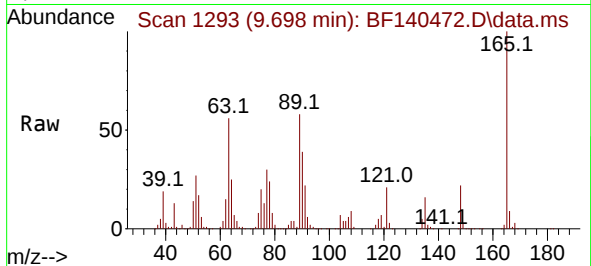




#51
2,6-Dinitrotoluene
Concen: 47.611 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

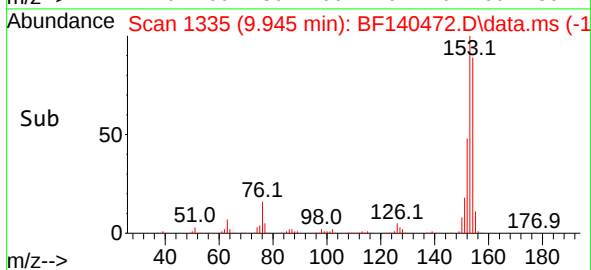
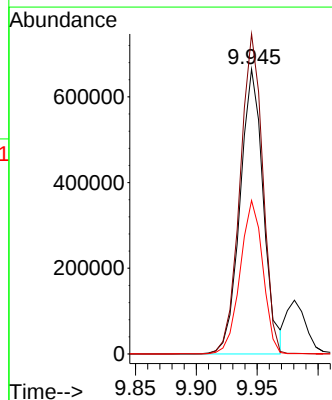
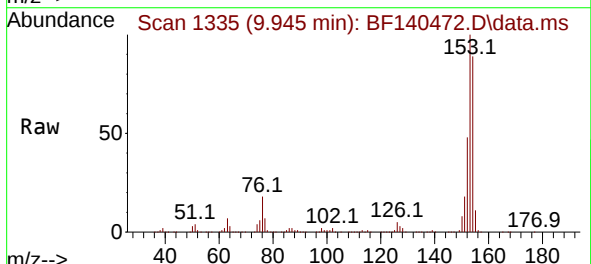
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

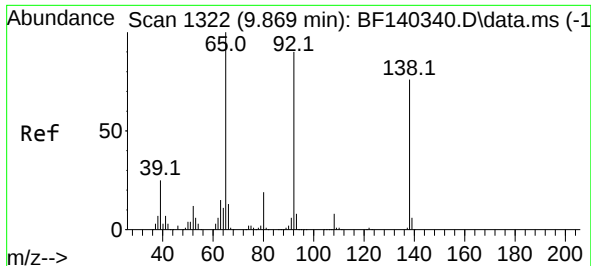
Tgt Ion:165 Resp: 239999
Ion Ratio Lower Upper
165 100
63 56.2 47.6 71.4
89 58.2 48.1 72.1



#52
Acenaphthene
Concen: 46.053 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:154 Resp: 884727
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 53.9 42.6 64.0

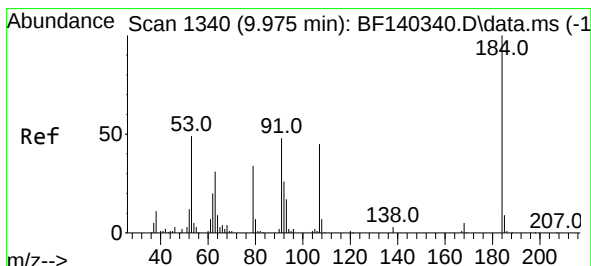
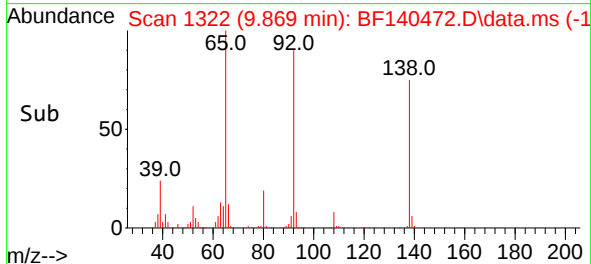
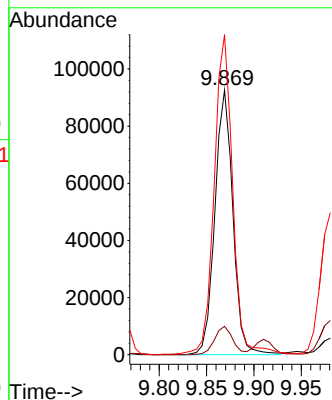
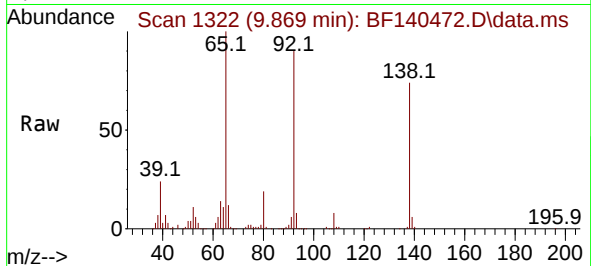




#53
3-Nitroaniline
Concen: 23.146 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

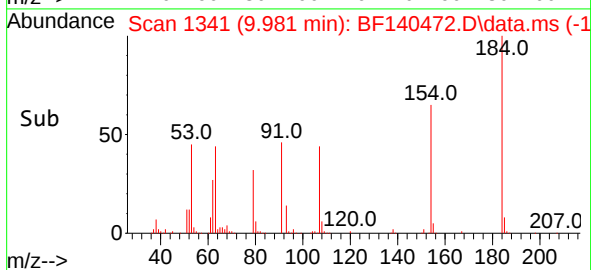
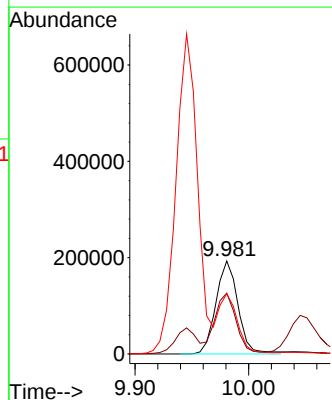
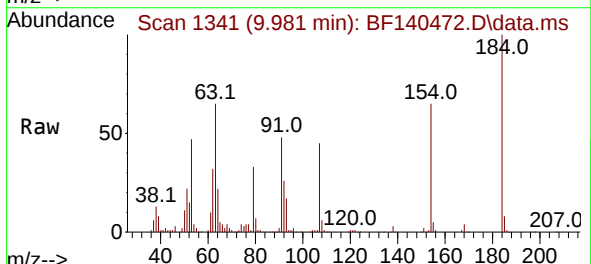
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

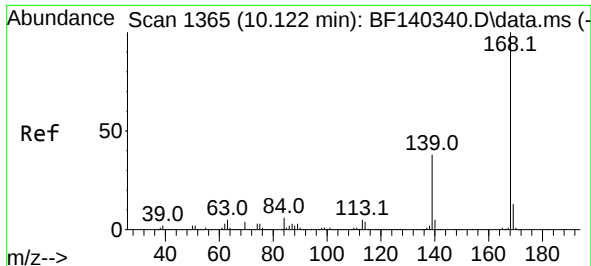
Tgt Ion:138 Resp: 122530
Ion Ratio Lower Upper
138 100
108 10.7 8.4 12.6
92 121.0 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 100.390 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:184 Resp: 260960
Ion Ratio Lower Upper
184 100
63 65.4 53.5 80.3
154 64.9 51.3 76.9

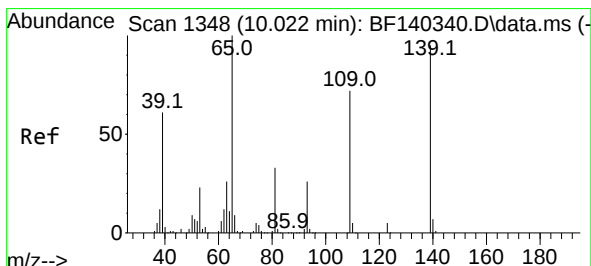
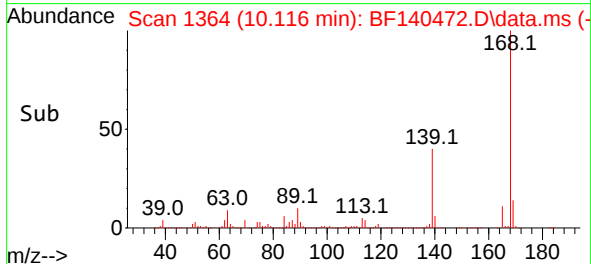
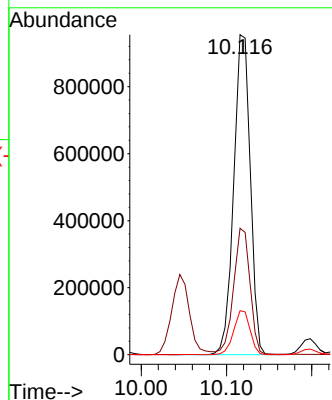
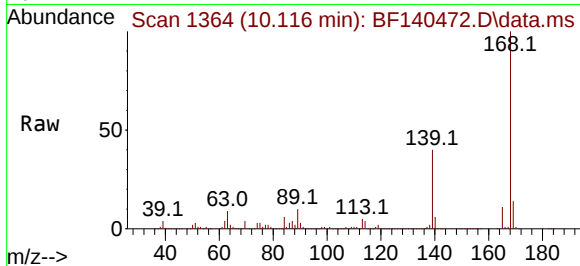




#55
Dibenzofuran
Concen: 47.440 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

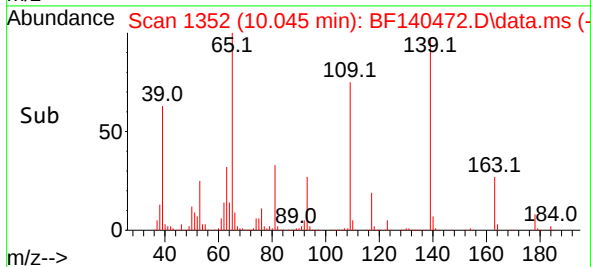
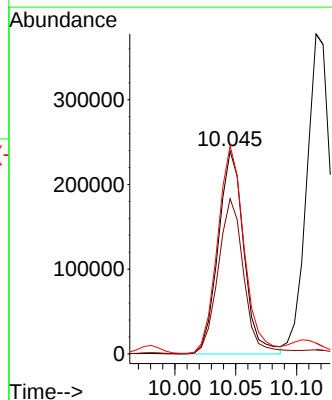
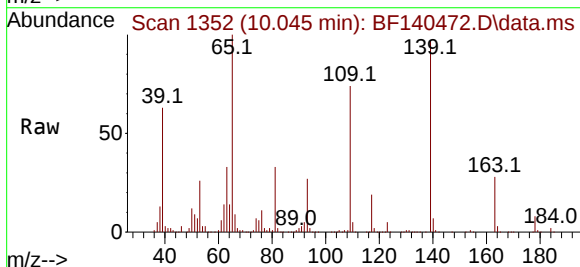
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

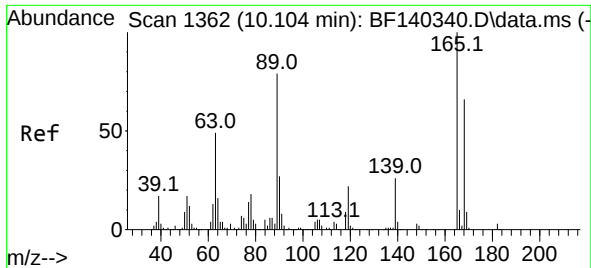
Tgt Ion:168 Resp: 1290185
Ion Ratio Lower Upper
168 100
139 39.5 30.8 46.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 90.721 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.024 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:139 Resp: 350311
Ion Ratio Lower Upper
139 100
109 76.5 54.5 94.5
65 102.8 84.4 124.4

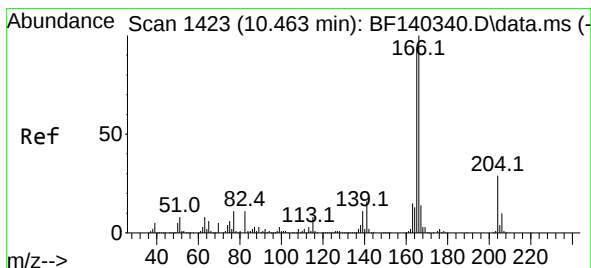
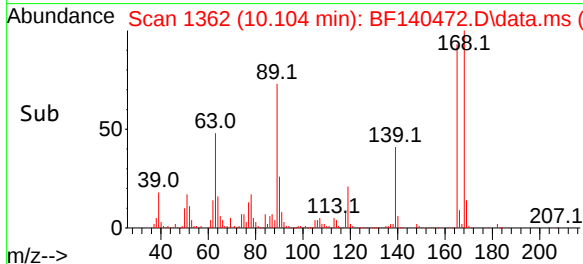
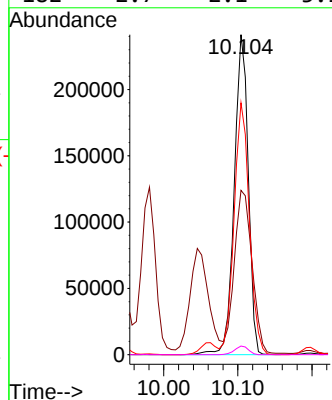
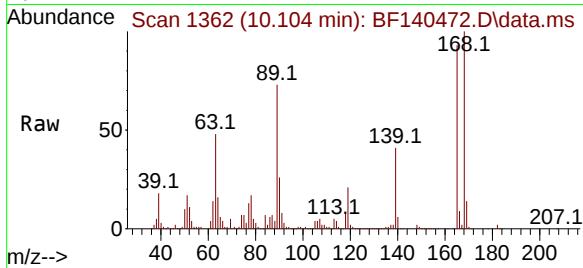




#57
2,4-Dinitrotoluene
Concen: 47.738 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

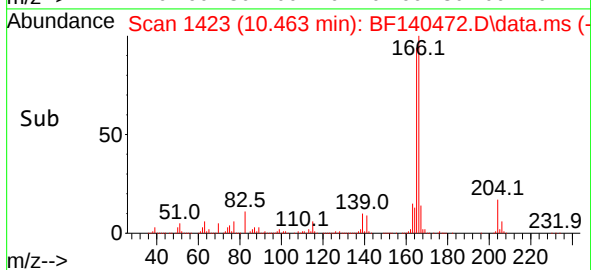
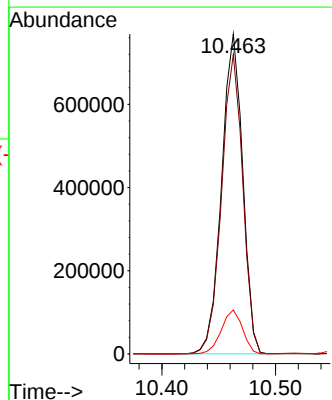
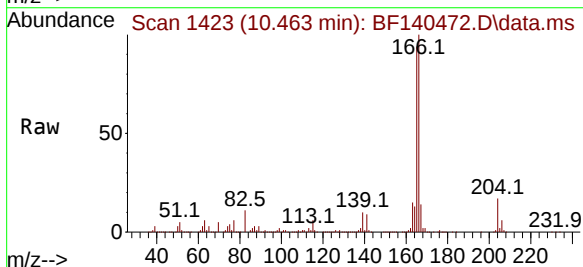
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:165 Resp: 316708
Ion Ratio Lower Upper
165 100
63 51.4 39.4 59.0
89 78.7 62.4 93.6
182 2.7 2.1 3.1



#58
Fluorene
Concen: 46.191 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:166 Resp: 992376
Ion Ratio Lower Upper
166 100
165 93.6 73.9 110.9
167 13.7 10.9 16.3



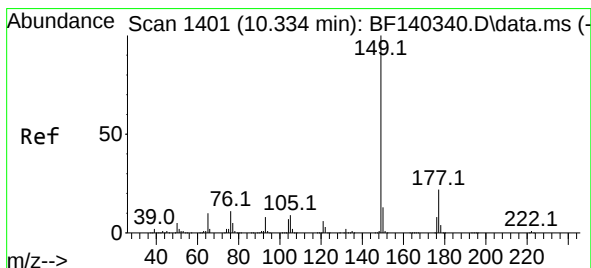
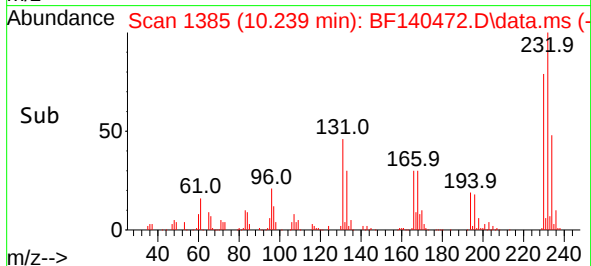
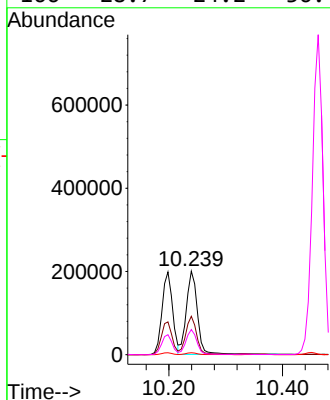
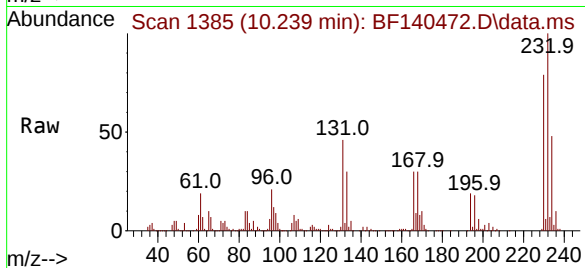


#59
2,3,4,6-Tetrachlorophenol
Concen: 51.106 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:232 Resp: 271606

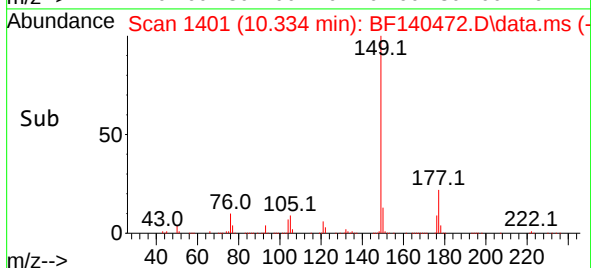
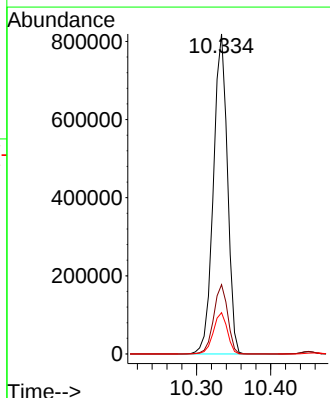
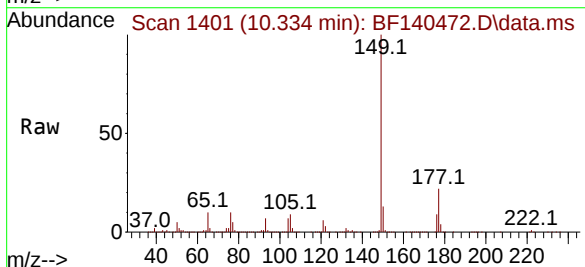
Ion	Ratio	Lower	Upper
232	100		
131	45.3	36.8	55.2
130	2.4	1.9	2.9
166	28.7	24.2	36.4

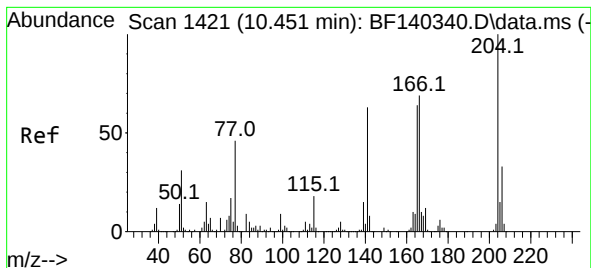


#60
Diethylphthalate
Concen: 47.513 ng
RT: 10.334 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:149 Resp: 1074251

Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.5	26.3
150	12.9	10.1	15.1

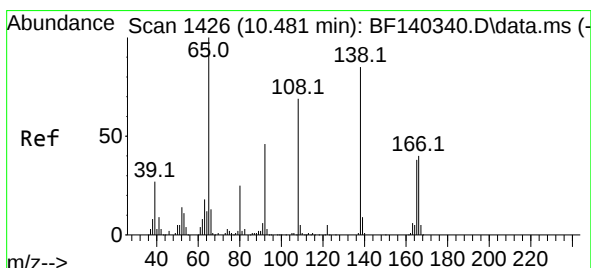
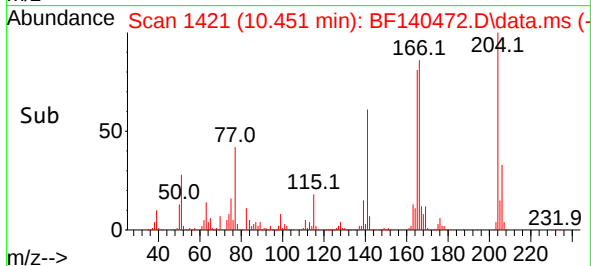
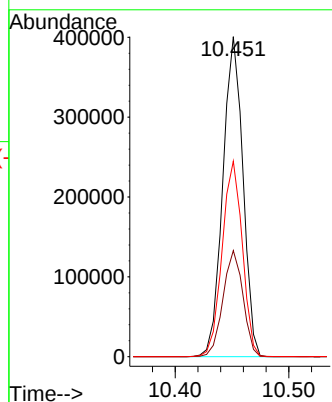
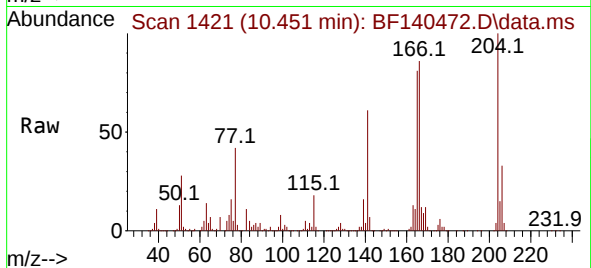




#61
4-Chlorophenyl-phenylether
Concen: 46.475 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

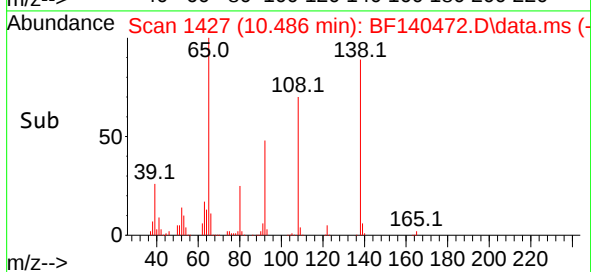
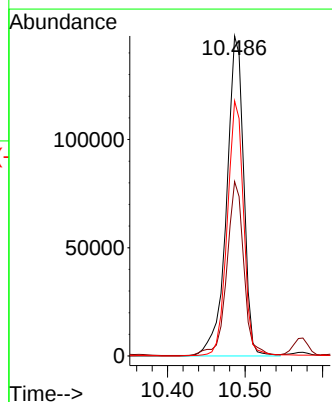
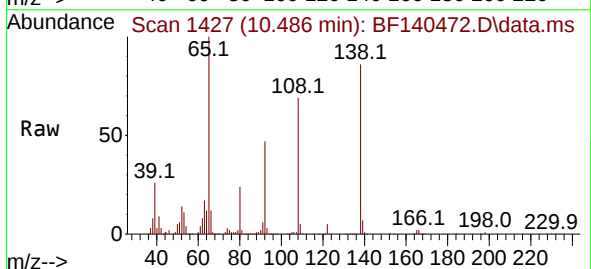
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

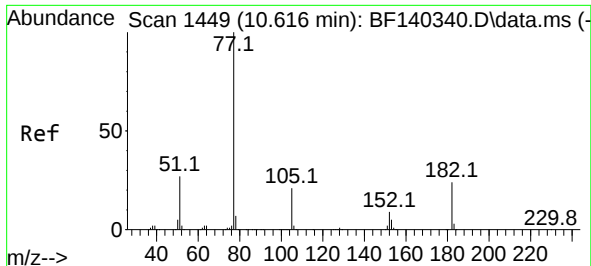
Tgt Ion:204 Resp: 492946
Ion Ratio Lower Upper
204 100
206 33.1 26.0 39.0
141 61.1 49.8 74.8



#62
4-Nitroaniline
Concen: 42.223 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:138 Resp: 228544
Ion Ratio Lower Upper
138 100
92 54.5 33.8 73.8
108 79.7 59.9 99.9



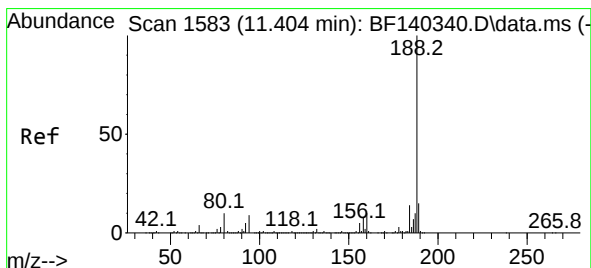
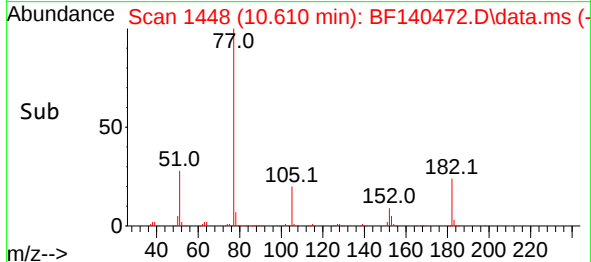
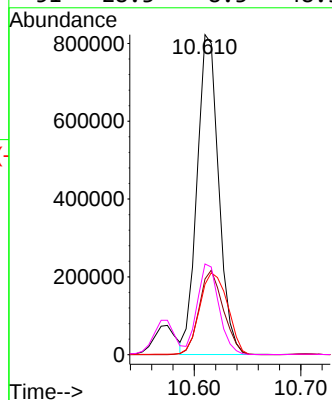
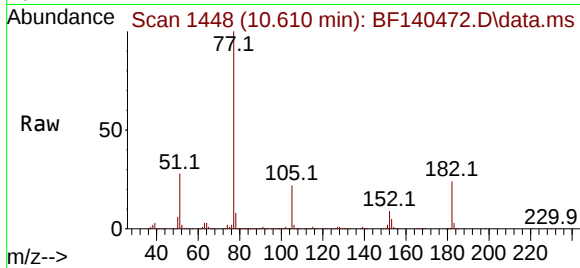


#63
Azobenzene
Concen: 51.902 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion: 77 Resp: 1159482

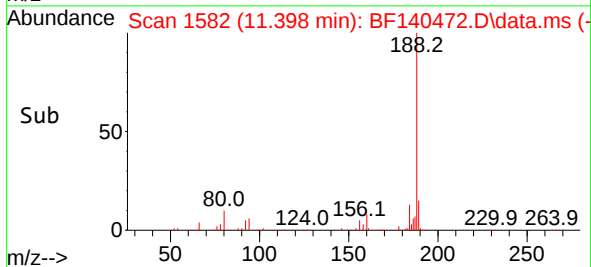
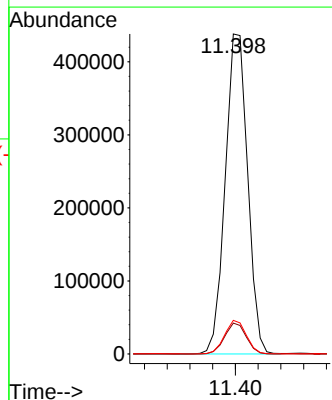
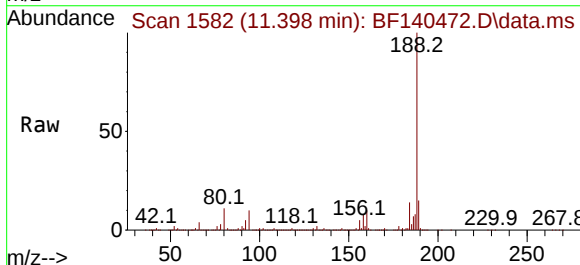
Ion	Ratio	Lower	Upper
77	100		
182	23.7	4.6	44.6
105	22.0	0.9	40.9
51	28.3	8.3	48.3

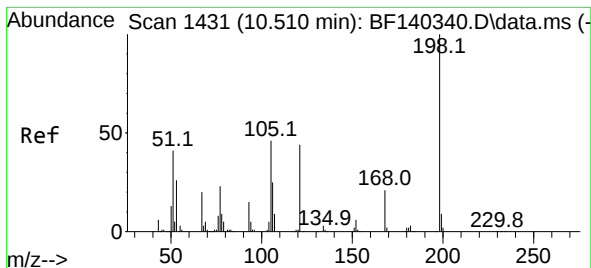


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion: 188 Resp: 599763

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.6	11.4
80	10.5	8.0	12.0

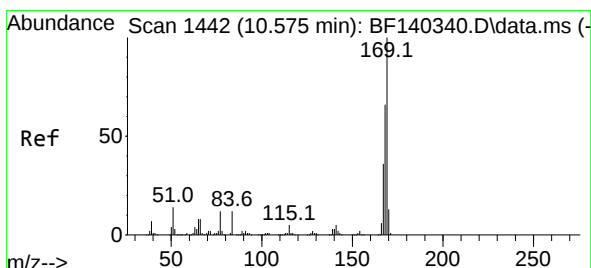
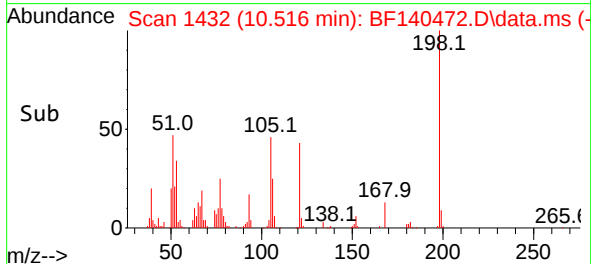
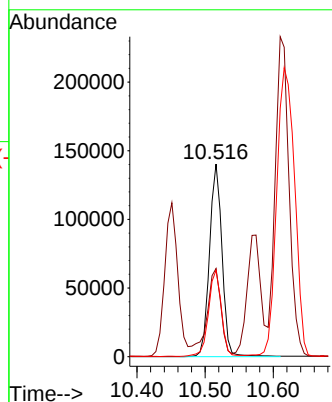
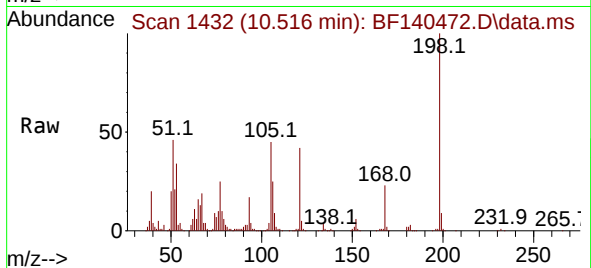




#65
4,6-Dinitro-2-methylphenol
Concen: 55.690 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

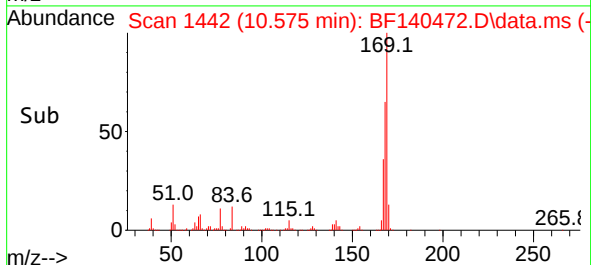
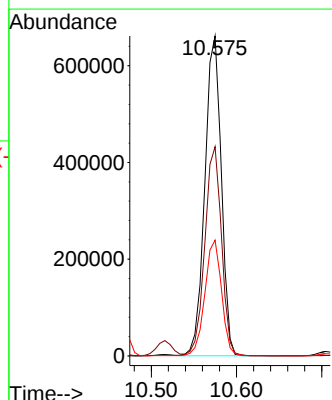
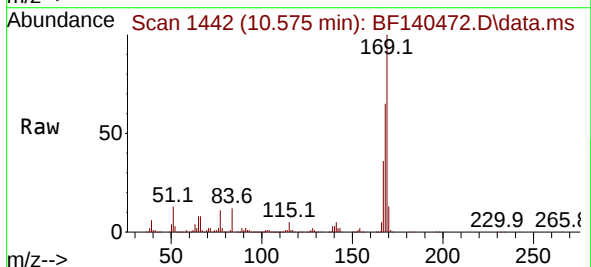
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

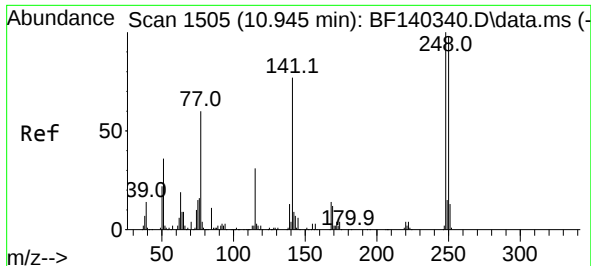
Tgt Ion:198 Resp: 179703
Ion Ratio Lower Upper
198 100
51 45.8 29.7 69.7
105 44.9 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 51.138 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:169 Resp: 886182
Ion Ratio Lower Upper
169 100
168 65.4 52.7 79.1
167 36.2 29.3 43.9





#67

4-Bromophenyl-phenylether

Concen: 50.047 ng

RT: 10.939 min Scan# 1504

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

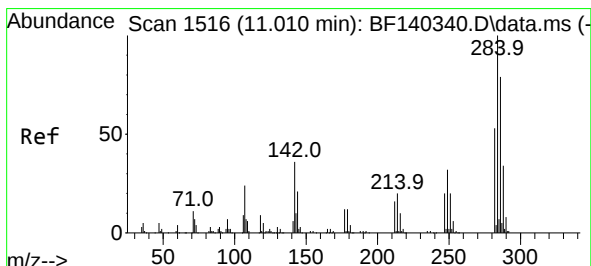
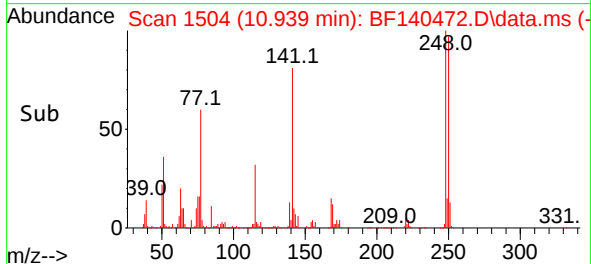
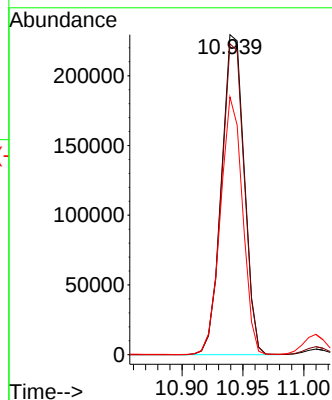
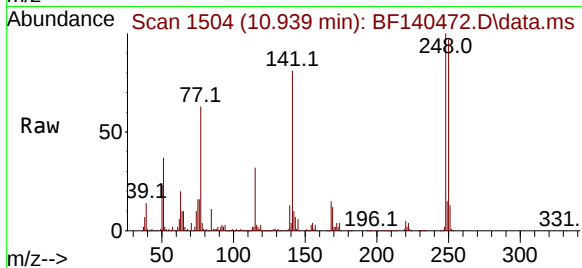
Tgt Ion:248 Resp: 300044

Ion Ratio Lower Upper

248 100

250 97.2 77.9 116.9

141 80.5 61.8 92.6



#68

Hexachlorobenzene

Concen: 48.481 ng

RT: 11.010 min Scan# 1516

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

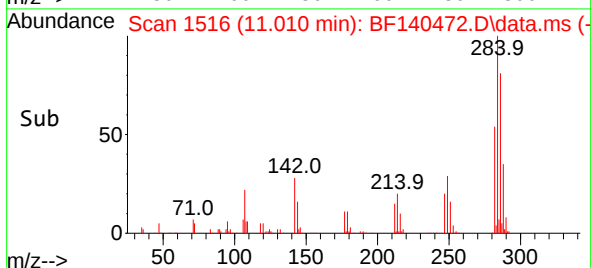
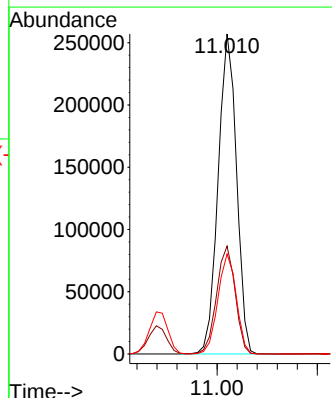
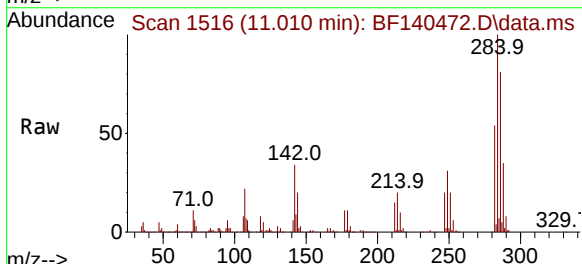
Tgt Ion:284 Resp: 327029

Ion Ratio Lower Upper

284 100

142 33.7 28.1 42.1

249 31.2 24.9 37.3





#69

Atrazine

Concen: 53.898 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

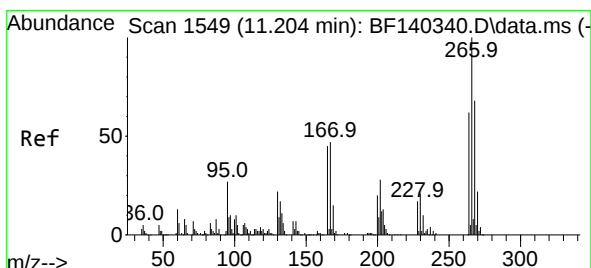
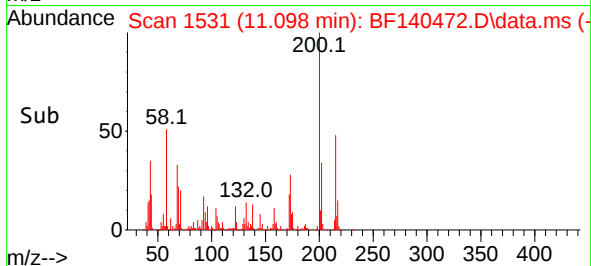
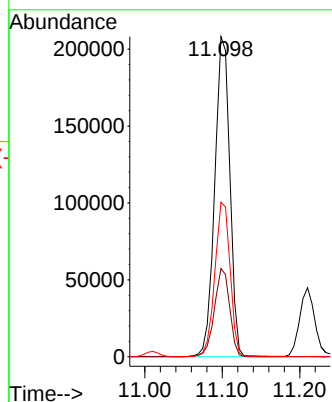
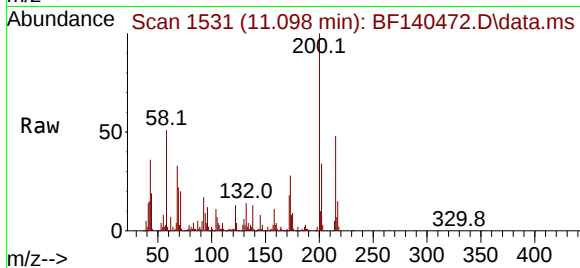
Tgt Ion:200 Resp: 282583

Ion Ratio Lower Upper

200 100

173 27.6 6.6 46.6

215 48.3 27.2 67.2



#70

Pentachlorophenol

Concen: 90.910 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

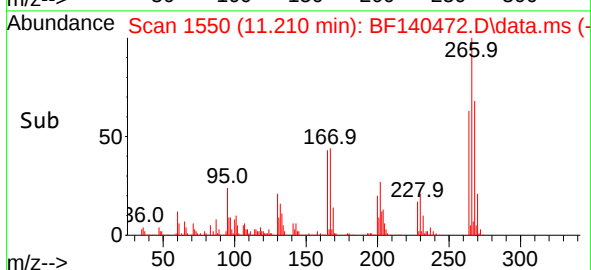
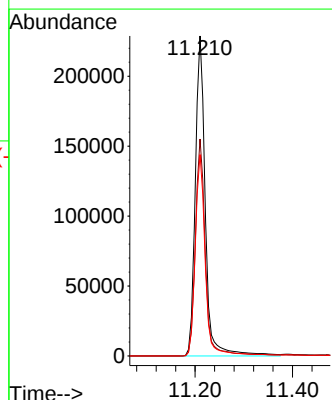
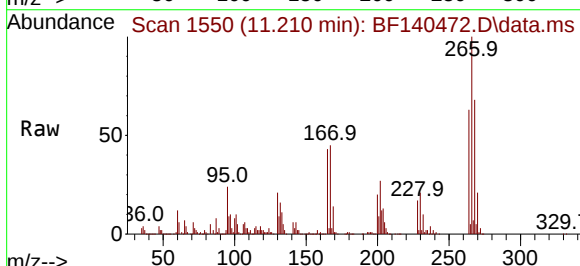
Tgt Ion:266 Resp: 330332

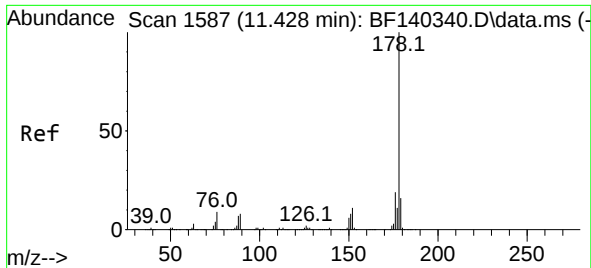
Ion Ratio Lower Upper

266 100

268 67.8 52.9 79.3

264 63.0 50.3 75.5

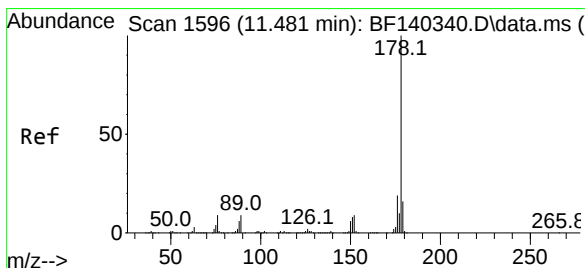
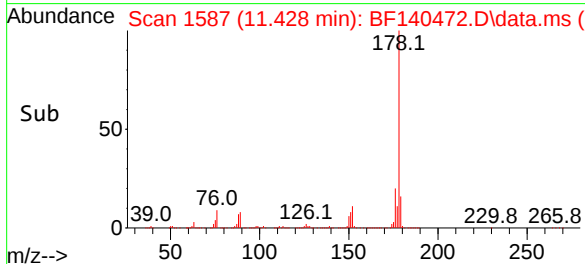
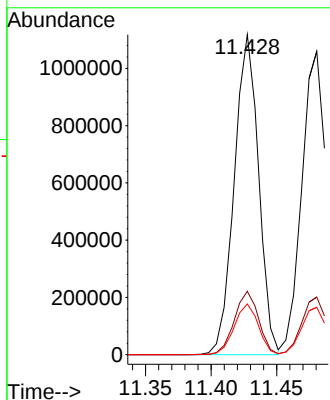
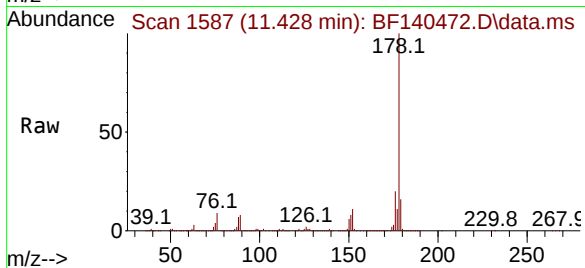




#71
Phenanthrene
Concen: 51.294 ng
RT: 11.428 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

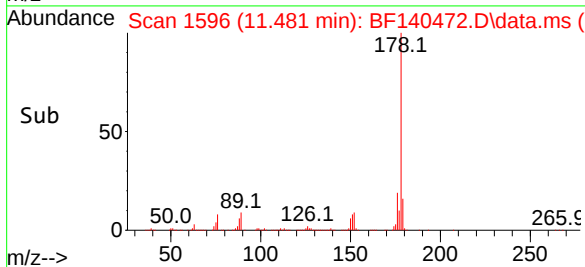
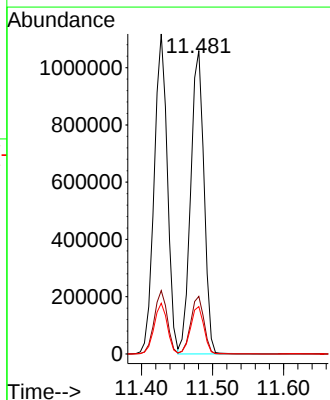
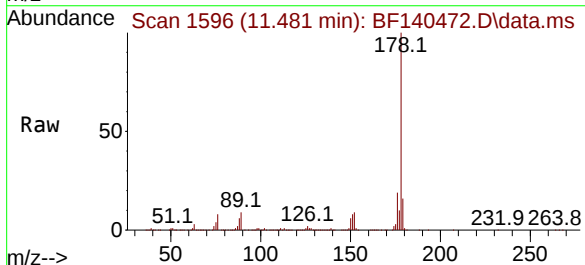
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

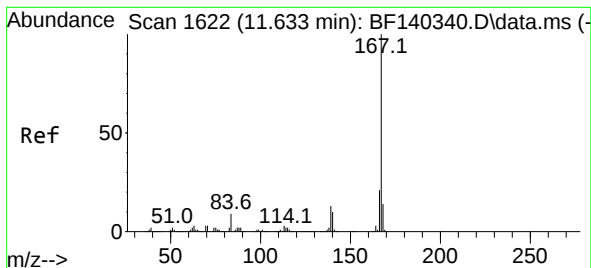
Tgt Ion:178 Resp: 1445174
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 15.9 12.4 18.6



#72
Anthracene
Concen: 50.017 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:178 Resp: 1381103
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.6 12.6 18.8





#73

Carbazole

Concen: 46.691 ng

RT: 11.633 min Scan# 1622

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

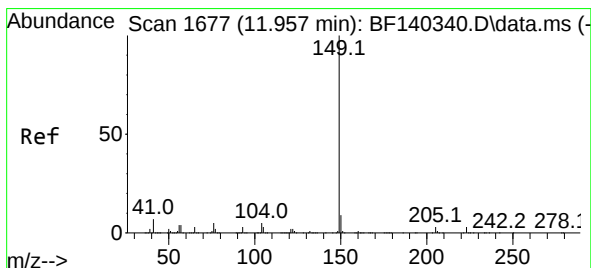
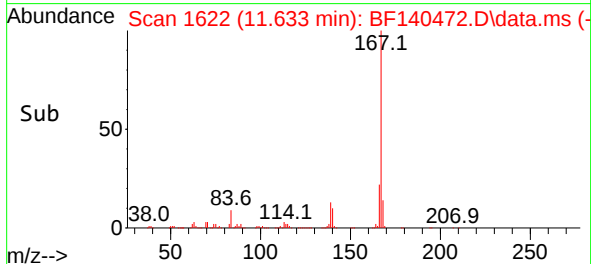
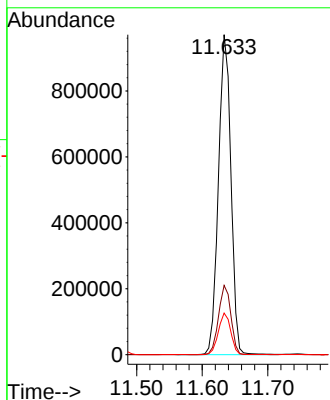
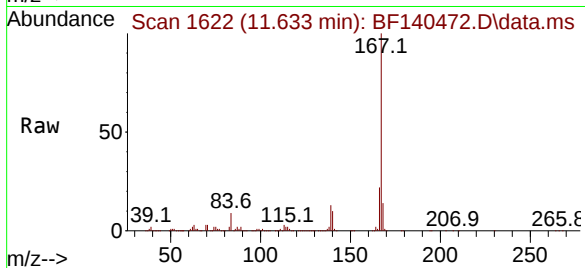
Tgt Ion:167 Resp: 1273018

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.0 10.4 15.6



#74

Di-n-butylphthalate

Concen: 48.357 ng

RT: 11.957 min Scan# 1677

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

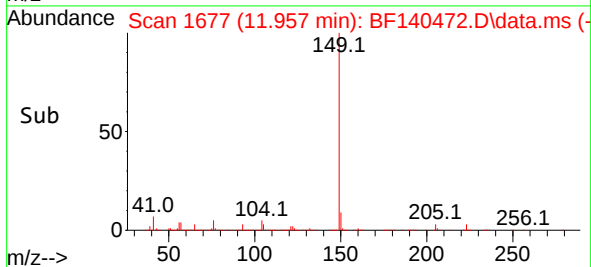
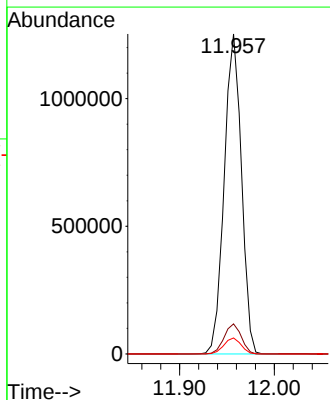
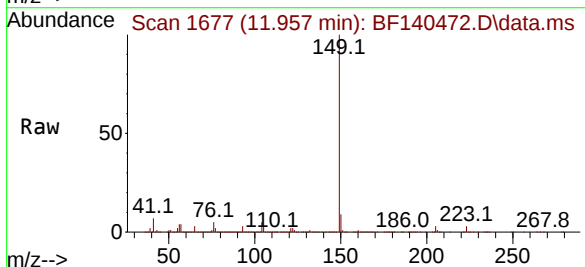
Tgt Ion:149 Resp: 1582422

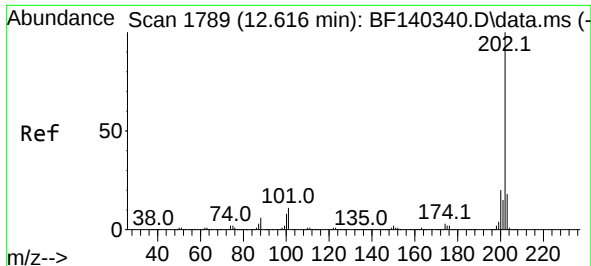
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.0 4.0 6.0

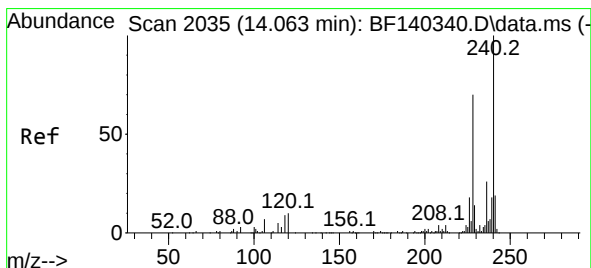
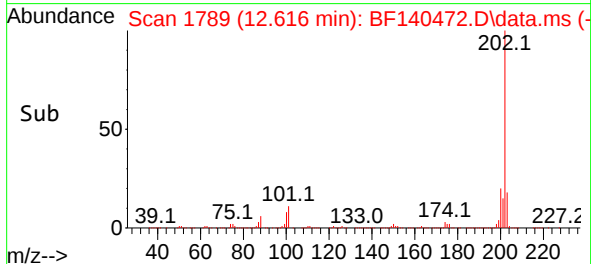
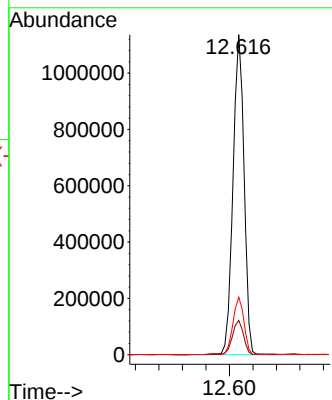
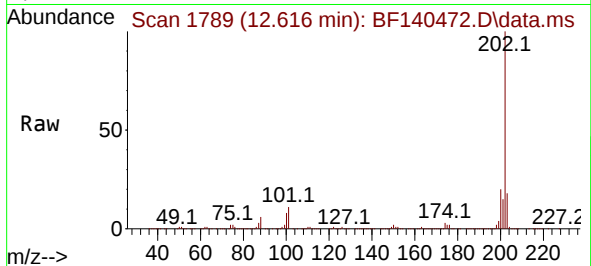




#75
Fluoranthene
Concen: 46.874 ng
RT: 12.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

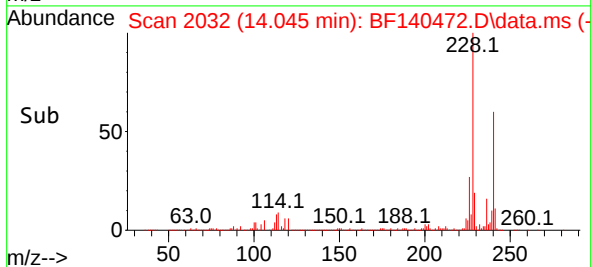
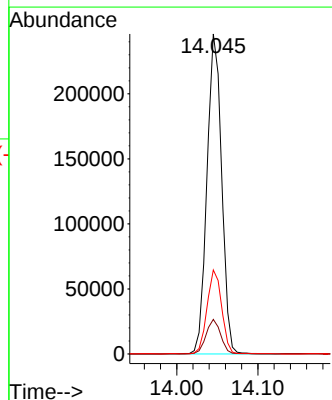
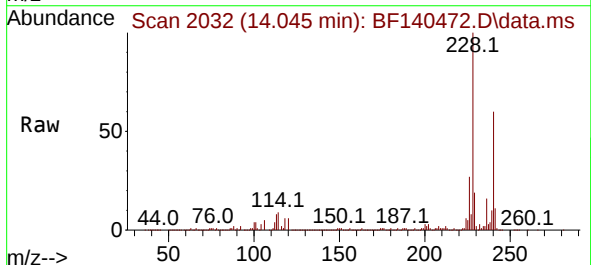
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

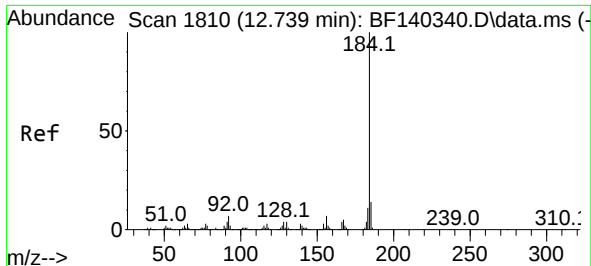
Tgt Ion:202 Resp: 1481639
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.7
203 18.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:240 Resp: 308205
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 26.2 20.9 31.3

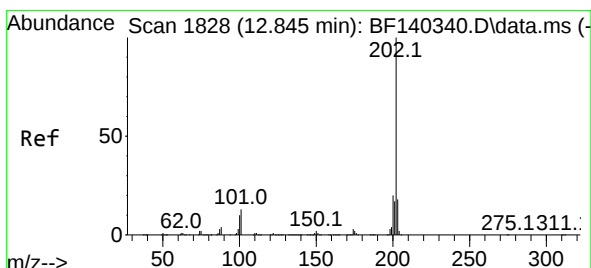
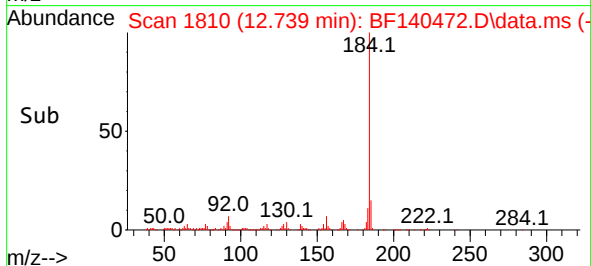
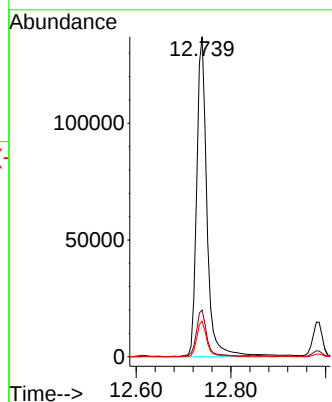
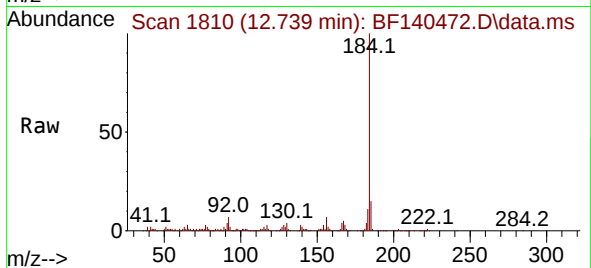




#77
Benzidine
Concen: 17.483 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

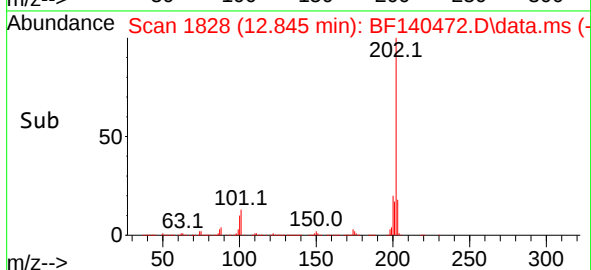
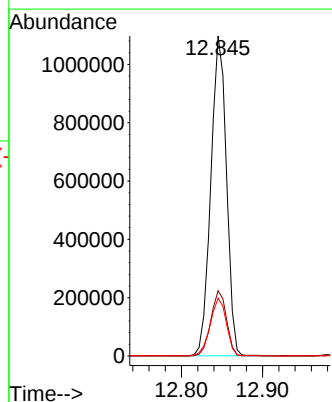
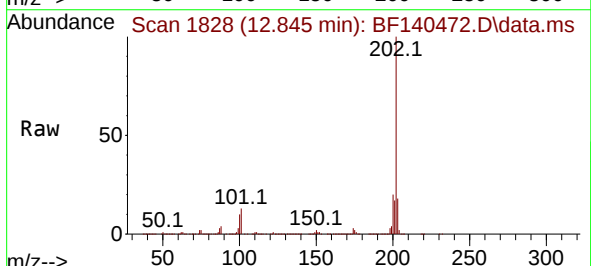
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

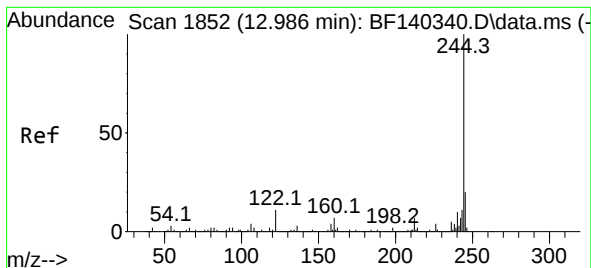
Tgt Ion:184 Resp: 206811
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 11.1 8.6 13.0



#78
Pyrene
Concen: 55.516 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:202 Resp: 1463566
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 80.369 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

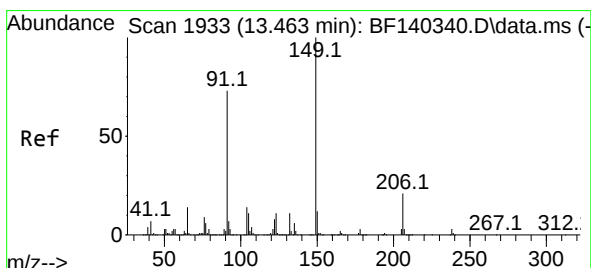
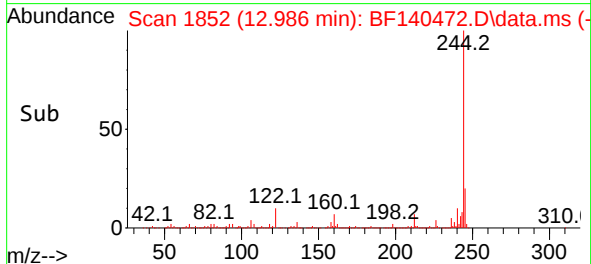
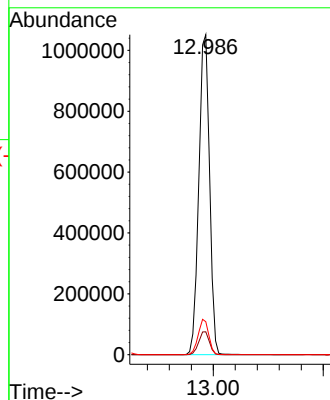
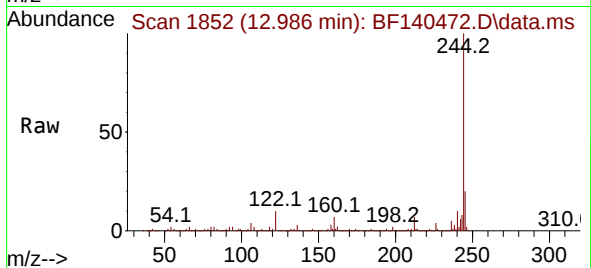
Tgt Ion:244 Resp: 1427020

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.3 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.441 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.000 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

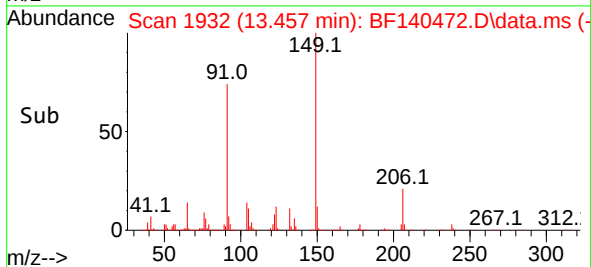
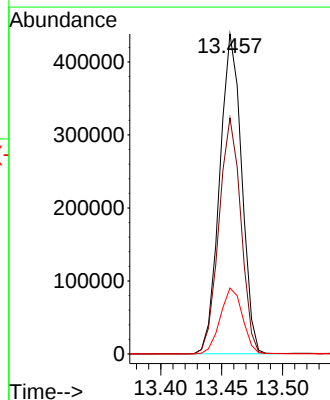
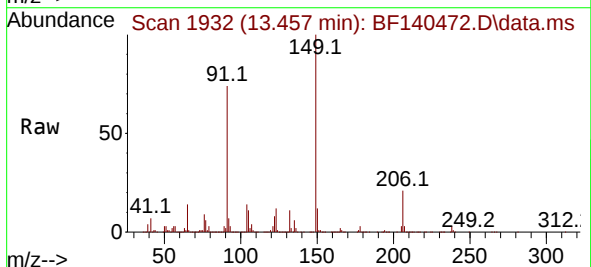
Tgt Ion:149 Resp: 551340

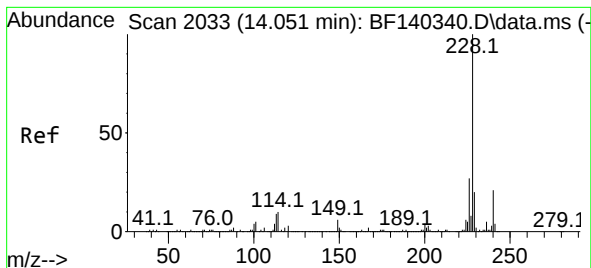
Ion Ratio Lower Upper

149 100

91 73.7 61.0 91.4

206 20.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 55.034 ng

RT: 14.033 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

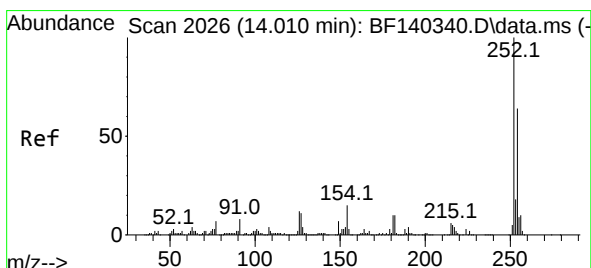
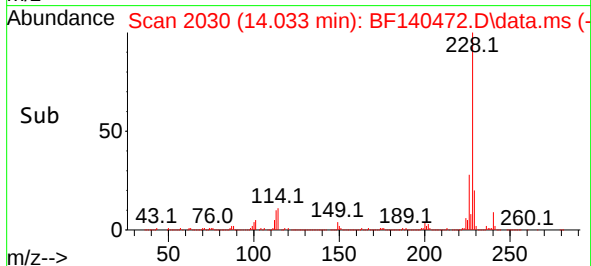
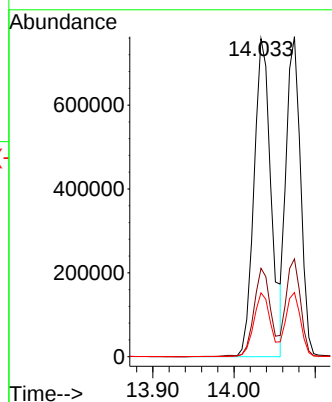
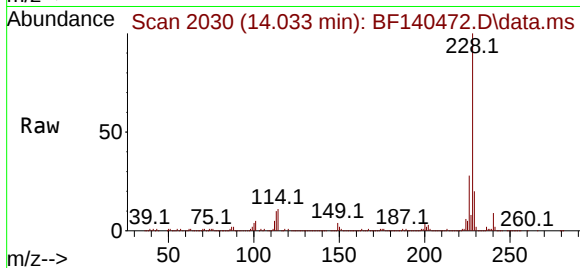
Tgt Ion:228 Resp: 1114758

Ion Ratio Lower Upper

228 100

226 27.8 22.2 33.4

229 20.1 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 30.741 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

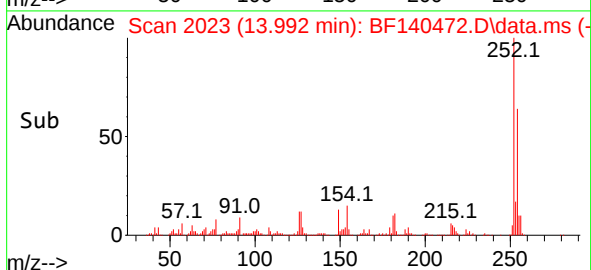
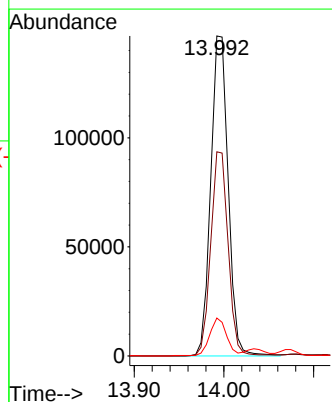
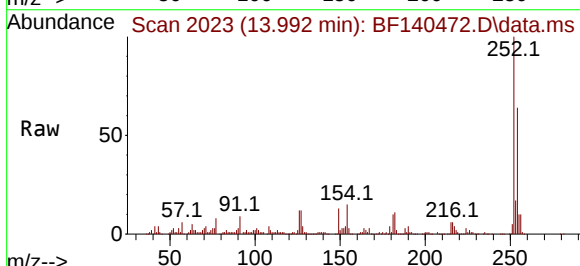
Tgt Ion:252 Resp: 197920

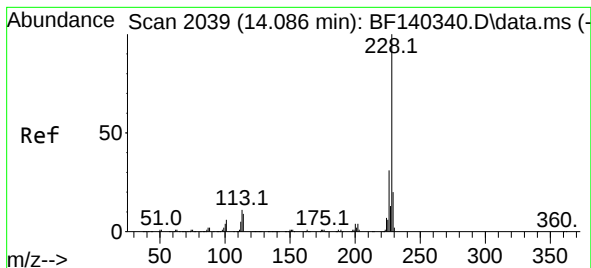
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.2

126 11.9 9.4 14.0





#83

Chrysene

Concen: 50.409 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

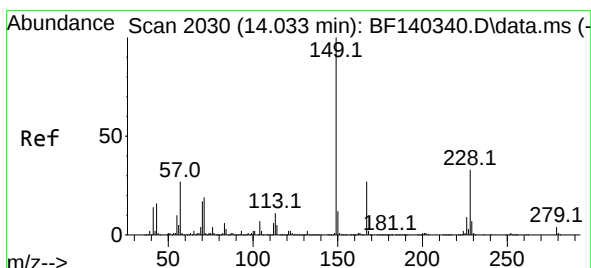
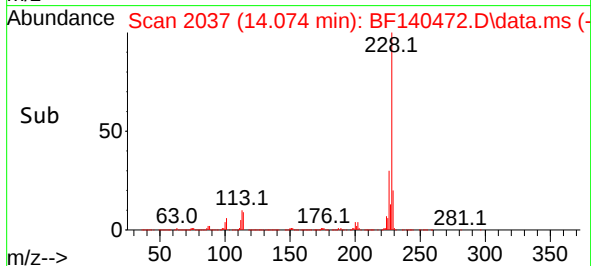
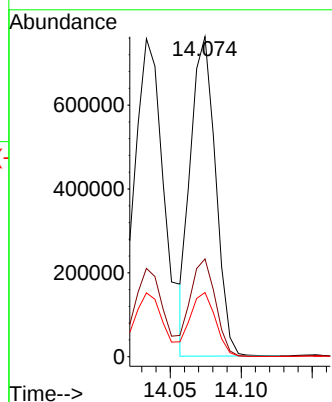
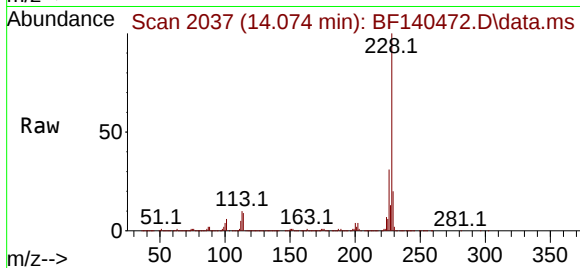
Tgt Ion:228 Resp: 931656

Ion Ratio Lower Upper

228 100

226 30.5 24.5 36.7

229 20.1 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.439 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

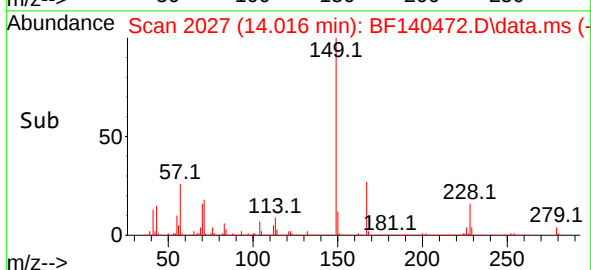
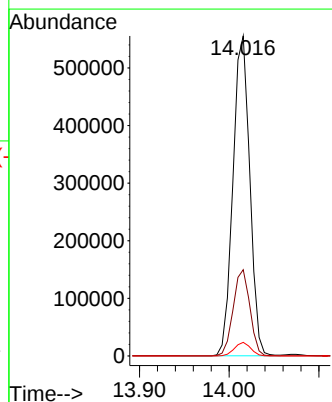
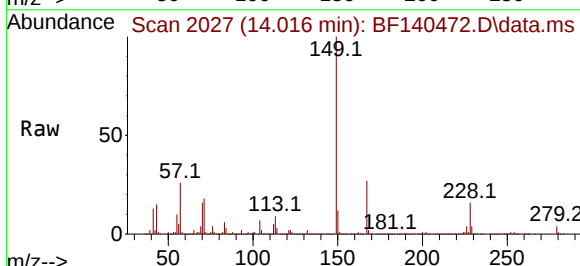
Tgt Ion:149 Resp: 722368

Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 57.573 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

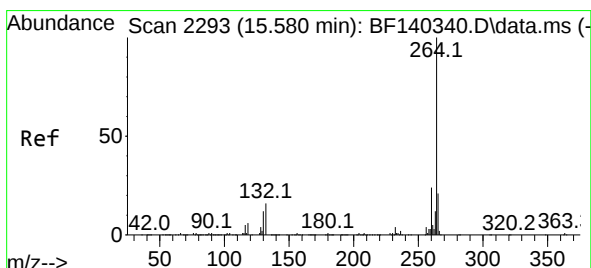
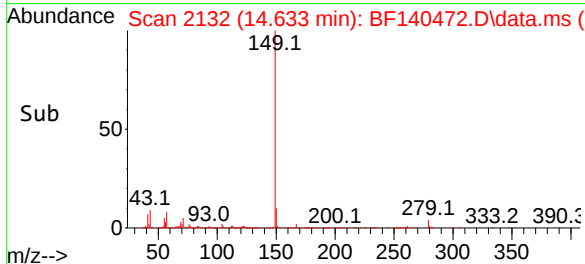
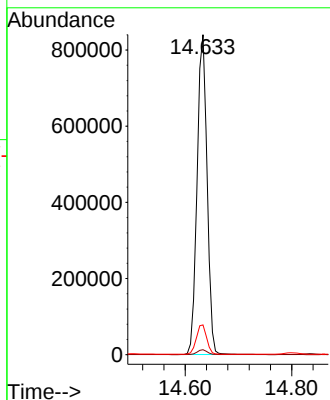
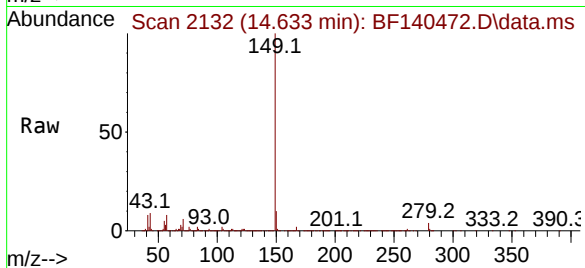
Tgt Ion:149 Resp: 1096091

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.029 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

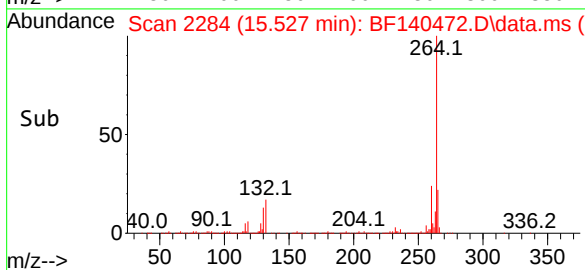
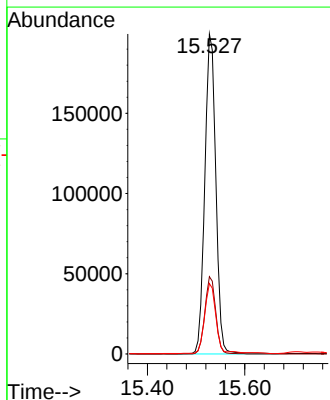
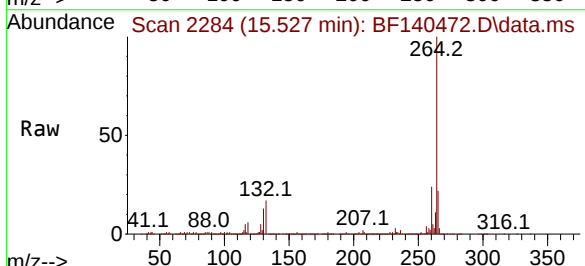
Tgt Ion:264 Resp: 312291

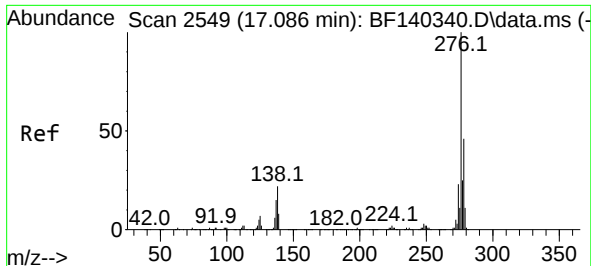
Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 17.1 25.7

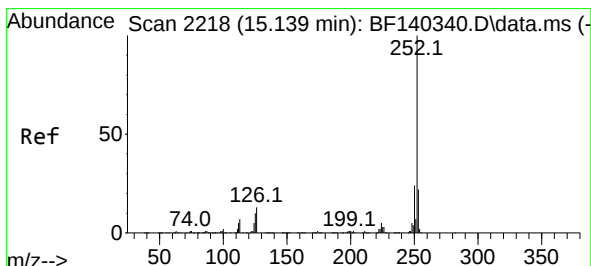
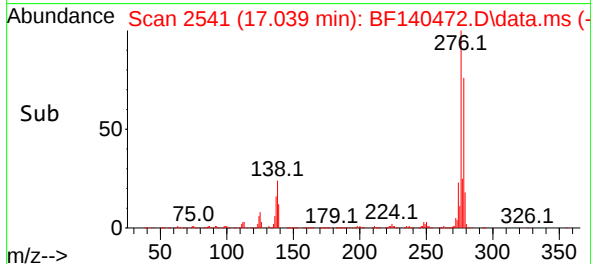
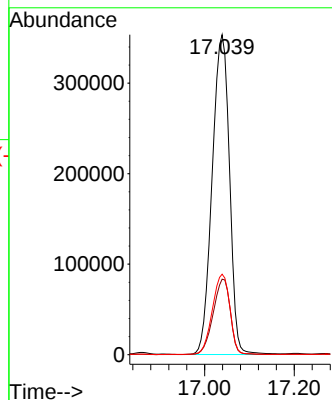
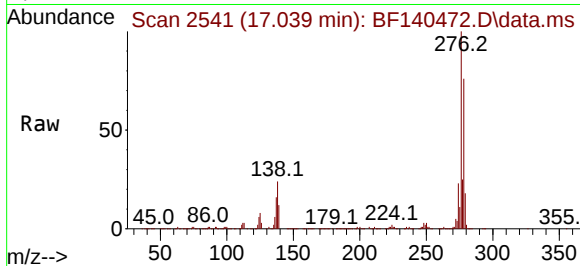




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.158 ng
RT: 17.039 min Scan# 210
Delta R.T. -0.018 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

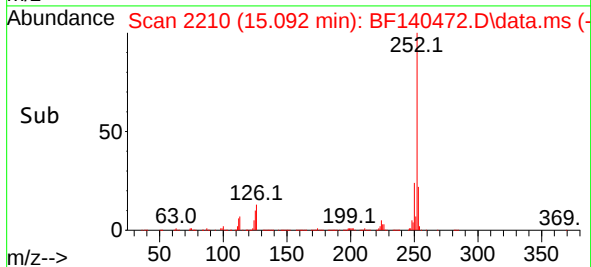
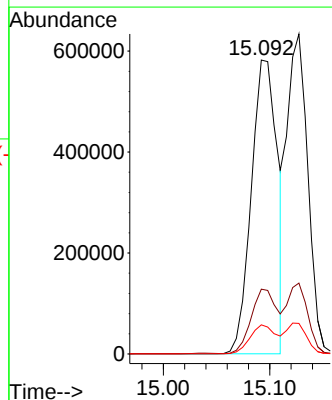
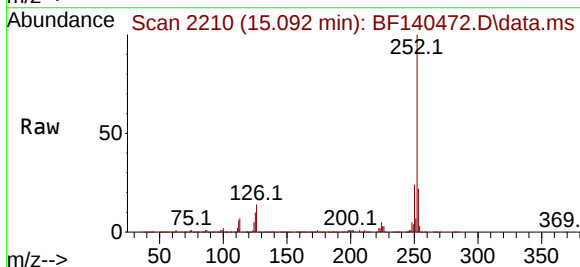
Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

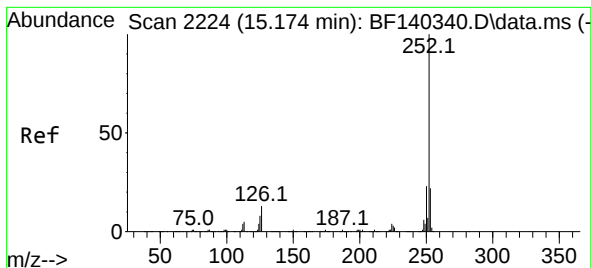
Tgt Ion:276 Resp: 948309
Ion Ratio Lower Upper
276 100
138 23.2 18.8 28.2
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 48.539 ng
RT: 15.092 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:252 Resp: 991589
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 51.213 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.023 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

Instrument :

BNA_F

ClientSampleId :

COMP-3MSD

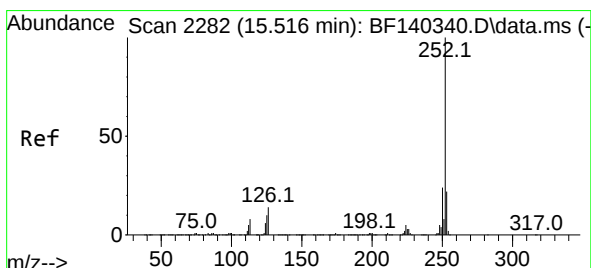
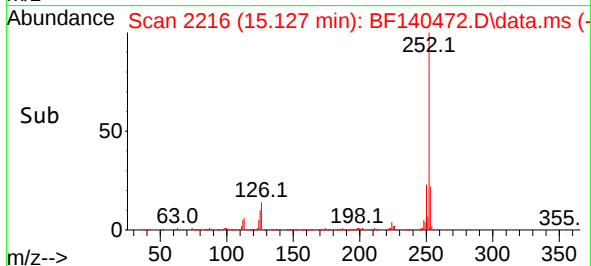
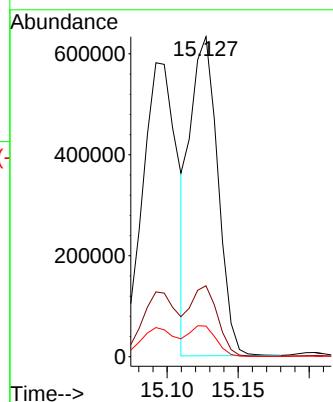
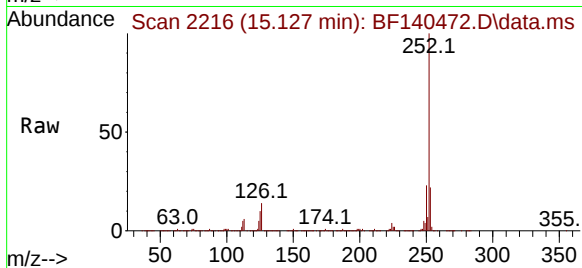
Tgt Ion:252 Resp: 854678

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 55.017 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.023 min

Lab File: BF140472.D

Acq: 19 Nov 2024 14:39

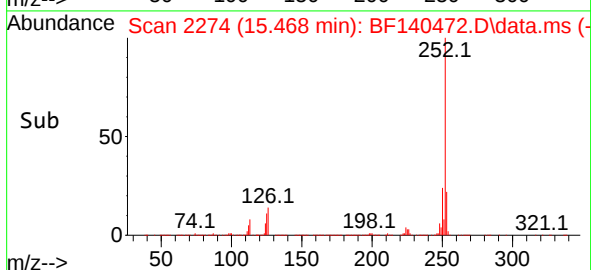
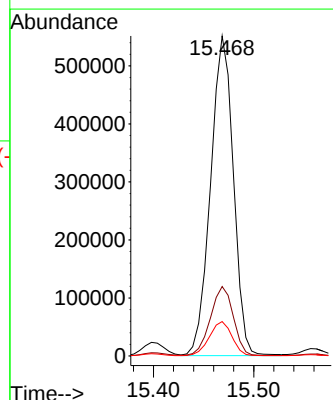
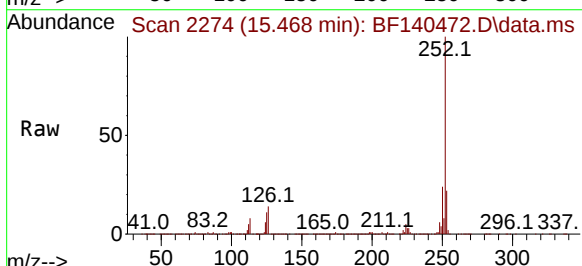
Tgt Ion:252 Resp: 872789

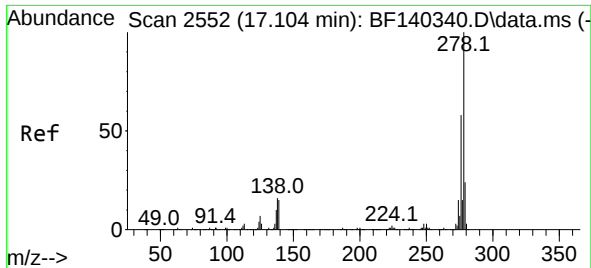
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 10.8 8.4 12.6

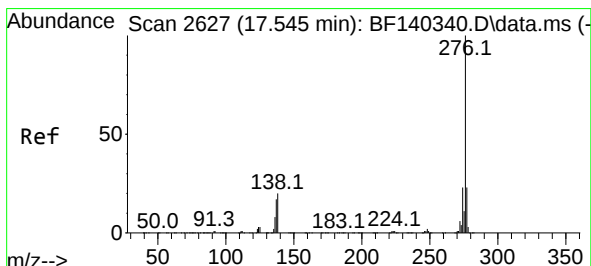
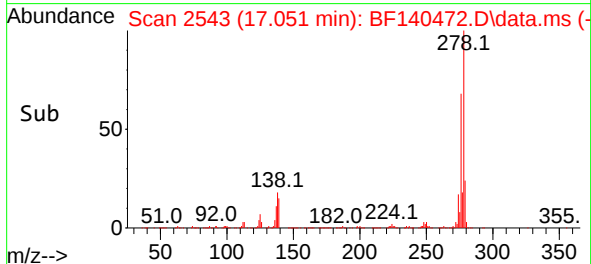
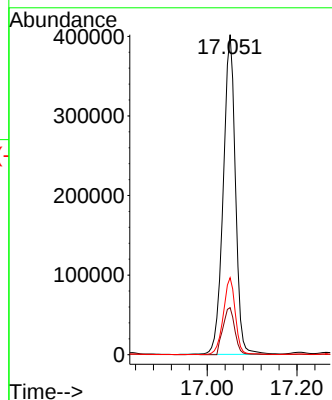
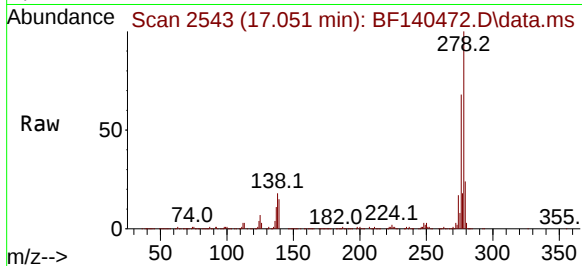




#91
Dibenzo(a,h)anthracene
Concen: 47.805 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Instrument :
BNA_F
ClientSampleId :
COMP-3MSD

Tgt Ion:278 Resp: 762289
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.8
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 42.580 ng
RT: 17.486 min Scan# 2617
Delta R.T. -0.029 min
Lab File: BF140472.D
Acq: 19 Nov 2024 14:39

Tgt Ion:276 Resp: 694135
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 20.6 16.0 24.0

