

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021825\
 Data File : BF141669.D
 Acq On : 18 Feb 2025 18:58
 Operator : RC/JU
 Sample : Q1374-01MSD 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MSD

Quant Time: Feb 19 00:14:14 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	73488	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	272030	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	111930	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	157452	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	156227	20.000	ng	-0.02
86) Perylene-d12	15.380	264	108955	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	104946	22.388	ng	-0.01
7) Phenol-d6	6.422	99	130707	22.062	ng	-0.02
23) Nitrobenzene-d5	7.339	82	78764	15.102	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	20058	17.839	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	136015	18.722	ng	-0.02
79) Terphenyl-d14	12.880	244	113668	12.283	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.463	88	15452	8.190	ng	97
3) Pyridine	3.210	79	30879	6.878	ng	96
4) n-Nitrosodimethylamine	3.140	42	20133	6.773	ng	97
6) Aniline	6.445	93	25427	4.575	ng	91
8) 2-Chlorophenol	6.569	128	42439	8.379	ng	99
9) Benzaldehyde	6.334	77	20964	6.659	ng	# 81
10) Phenol	6.434	94	51520	8.355	ng	86
11) bis(2-Chloroethyl)ether	6.510	93	37100	8.010	ng	97
12) 1,3-Dichlorobenzene	6.722	146	45226	8.458	ng	97
13) 1,4-Dichlorobenzene	6.798	146	46726	8.553	ng	98
14) 1,2-Dichlorobenzene	6.951	146	43499	8.579	ng	99
15) Benzyl Alcohol	6.928	79	29619	6.519	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	63890	8.058	ng	77
17) 2-Methylphenol	7.045	107	32386	8.171	ng	92
18) Hexachloroethane	7.292	117	21185	10.478	ng	96
19) n-Nitroso-di-n-propyla...	7.187	70	29038	8.194	ng	99
20) 3+4-Methylphenols	7.204	107	41557	8.250	ng	# 66
22) Acetophenone	7.187	105	79343	11.725	ng	# 89
24) Nitrobenzene	7.363	77	41983	8.255	ng	99
25) Isophorone	7.598	82	78717	9.466	ng	# 95
26) 2-Nitrophenol	7.681	139	21832	8.628	ng	# 95
27) 2,4-Dimethylphenol	7.722	122	30918	10.460	ng	94
28) bis(2-Chloroethoxy)met...	7.810	93	47877	8.985	ng	98
29) 2,4-Dichlorophenol	7.945	162	32548	8.150	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	36455	8.382	ng	99
31) Naphthalene	8.086	128	130670	9.228	ng	99
33) 4-Chloroaniline	8.145	127	14434	2.920	ng	# 92
34) Hexachlorobutadiene	8.198	225	22274	8.531	ng	98
35) Caprolactam	8.475	113	13292	10.931	ng	# 57
36) 4-Chloro-3-methylphenol	8.628	107	32127	7.262	ng	97
37) 2-Methylnaphthalene	8.775	142	78898	8.562	ng	97
38) 1-Methylnaphthalene	8.875	142	74372	8.333	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	36385	11.236	ng	99
43) 2,4,6-Trichlorophenol	9.057	196	18878	9.020	ng	98
44) 2,4,5-Trichlorophenol	9.116	196	17773	7.836	ng	# 78
46) 1,1'-Biphenyl	9.239	154	102224	11.780	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.263	162	63463	9.890	ng	98
48) 2-Nitroaniline	9.363	65	18587	8.631	ng	96
49) Acenaphthylene	9.675	152	91769	9.615	ng	98
50) Dimethylphthalate	9.533	163	70753	9.311	ng	# 98
51) 2,6-Dinitrotoluene	9.598	165	14119	8.500	ng	94
52) Acenaphthene	9.845	154	55717	8.683	ng	99
53) 3-Nitroaniline	9.775	138	10431	5.834	ng	# 96
55) Dibenzofuran	10.022	168	82599	8.770	ng	99
56) 4-Nitrophenol	9.975	139	11397	8.587	ng	# 86
57) 2,4-Dinitrotoluene	10.010	165	18032	8.154	ng	# 95
58) Fluorene	10.363	166	60445	8.300	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.145	232	13616	6.972	ng	# 82
60) Diethylphthalate	10.233	149	63792	8.533	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	30040	8.574	ng	99
62) 4-Nitroaniline	10.380	138	12375	6.817	ng	93
63) Azobenzene	10.516	77	57356	7.717	ng	92
65) 4,6-Dinitro-2-methylph...	10.422	198	2355	2.153	ng	# 1
66) n-Nitrosodiphenylamine	10.469	169	53181	10.551	ng	95
67) 4-Bromophenyl-phenylether	10.845	248	15197	8.636	ng	91
68) Hexachlorobenzene	10.910	284	15894	8.771	ng	94
69) Atrazine	10.998	200	17361	11.482	ng	97
70) Pentachlorophenol	11.116	266	10710	9.243	ng	98
71) Phenanthrene	11.322	178	87302	10.073	ng	99
72) Anthracene	11.374	178	82172	9.432	ng	99
73) Carbazole	11.533	167	70206	8.956	ng	98
74) Di-n-butylphthalate	11.863	149	76638	8.467	ng	99
75) Fluoranthene	12.510	202	102228	11.125	ng	100
77) Benzidine	12.645	184	31586	9.167	ng	97
78) Pyrene	12.739	202	113942	8.568	ng	99
80) Butylbenzylphthalate	13.357	149	36830	7.995	ng	100
81) Benzo(a)anthracene	13.927	228	95084	9.156	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	23559	7.919	ng	99
83) Chrysene	13.963	228	88665	9.247	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	51089	9.834	ng	100
85) Di-n-octyl phthalate	14.527	149	79677	10.750	ng	96
87) Indeno(1,2,3-cd)pyrene	16.809	276	52805	7.844	ng	100
88) Benzo(b)fluoranthene	14.963	252	63280	8.650	ng	97
89) Benzo(k)fluoranthene	14.992	252	52595	8.419	ng	99
90) Benzo(a)pyrene	15.321	252	57380	9.693	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	42862	7.857	ng	# 96
92) Benzo(g,h,i)perylene	17.239	276	43590	7.636	ng	99

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

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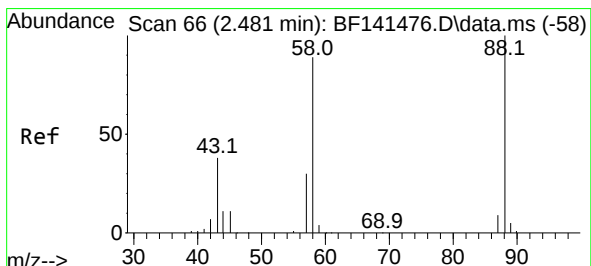
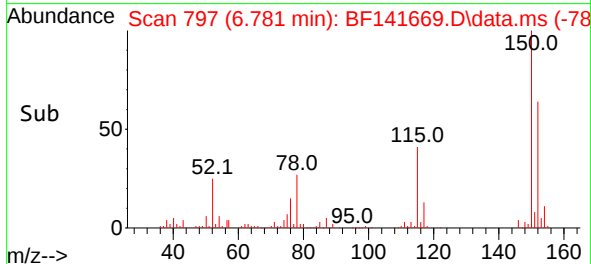
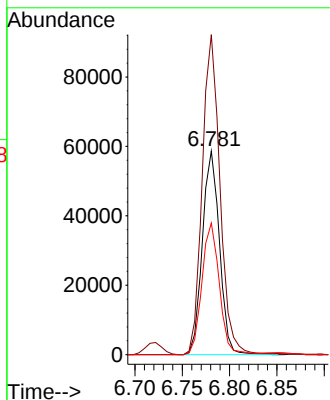
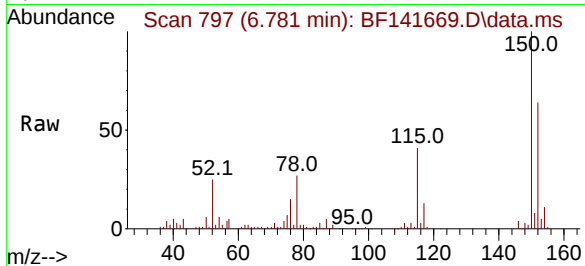




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

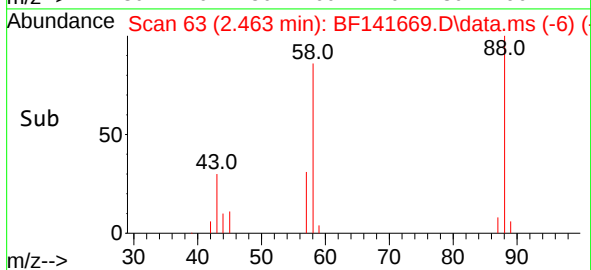
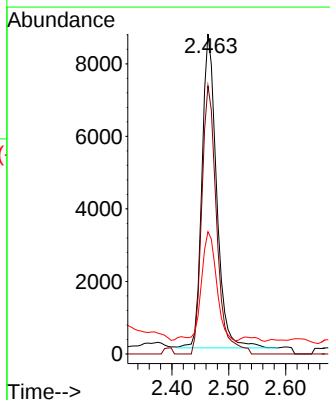
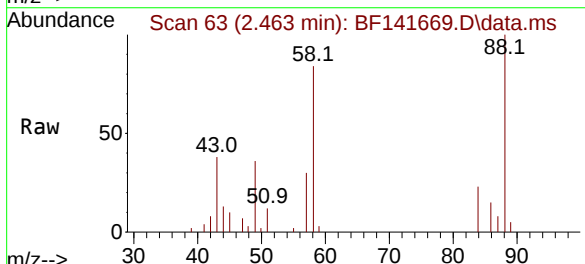
Instrument :
 BNA_F
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 TR-05-02142025MSD

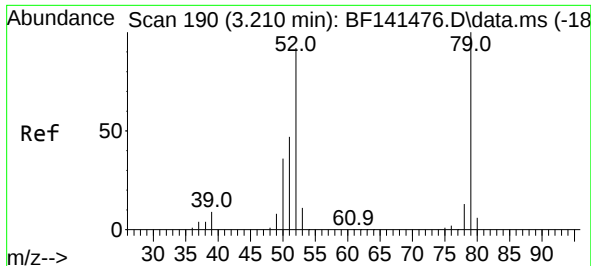
Tgt Ion:152 Resp: 73488
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.0 187.4
 115 64.6 53.6 80.4



#2
 1,4-Dioxane
 Concen: 8.190 ng
 RT: 2.463 min Scan# 63
 Delta R.T. -0.018 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

Tgt Ion: 88 Resp: 15452
 Ion Ratio Lower Upper
 88 100
 58 86.6 71.1 106.7
 43 35.2 30.6 46.0

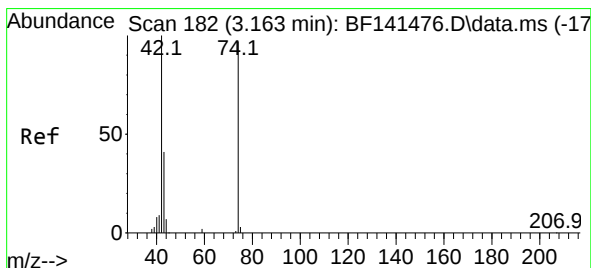
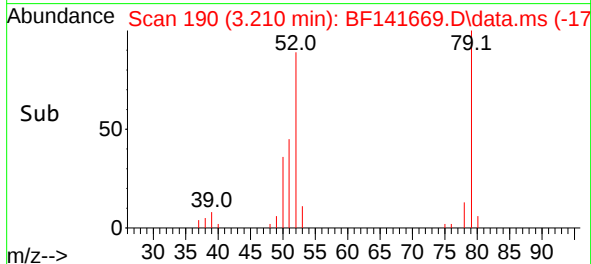
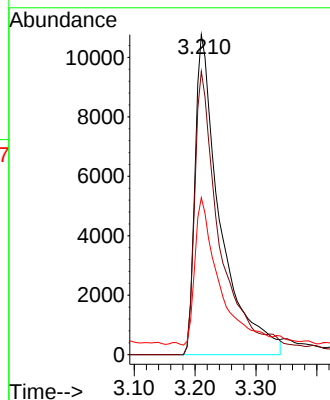
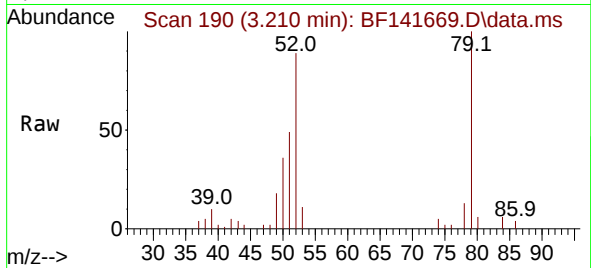




#3
Pyridine
Concen: 6.878 ng
RT: 3.210 min Scan# 190
Delta R.T. -0.006 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

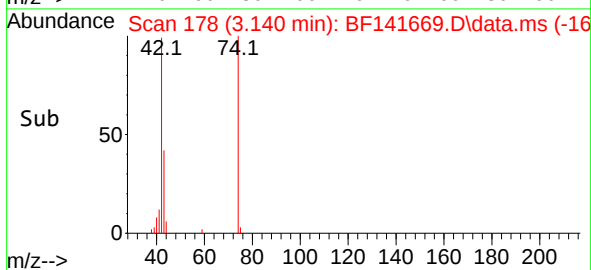
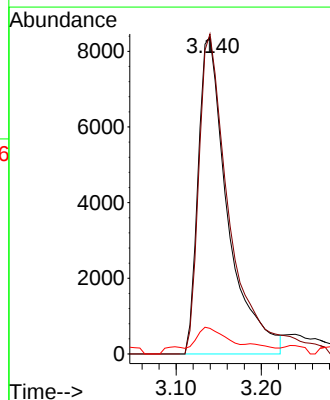
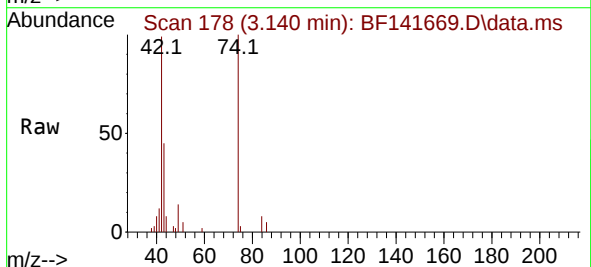
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

Tgt Ion: 79 Resp: 30879
Ion Ratio Lower Upper
79 100
52 88.5 73.7 110.5
51 49.1 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 6.773 ng
RT: 3.140 min Scan# 178
Delta R.T. -0.047 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion: 42 Resp: 20133
Ion Ratio Lower Upper
42 100
74 100.9 78.0 117.0
44 8.1 5.4 8.2

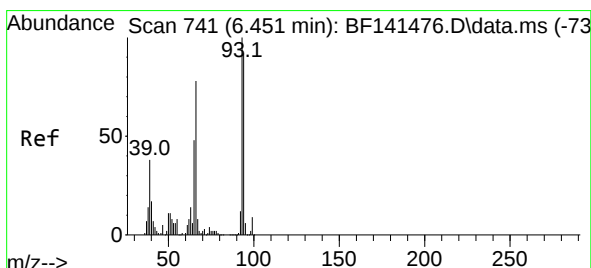
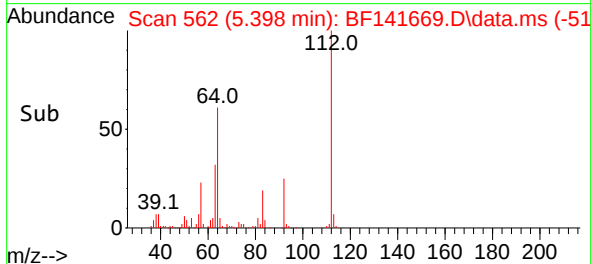
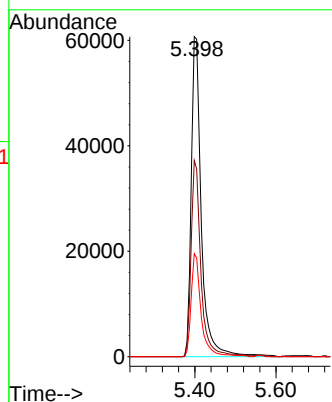
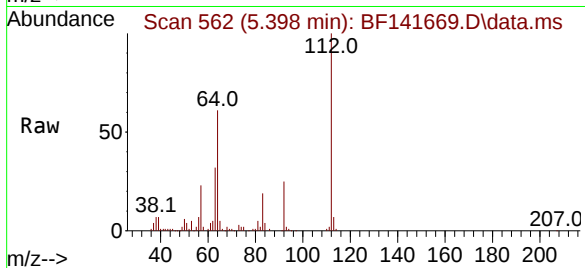




#5
2-Fluorophenol
Concen: 22.388 ng
RT: 5.398 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

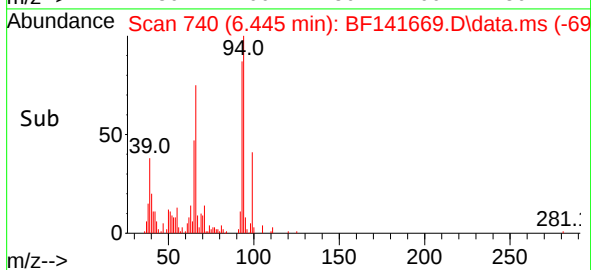
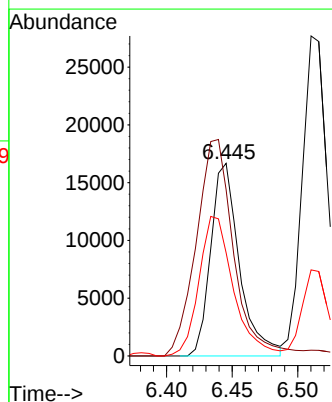
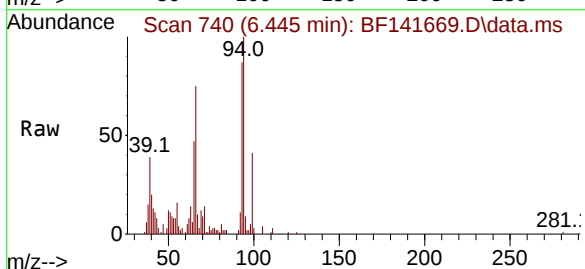
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

Tgt Ion:112 Resp: 104946
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 32.2 28.4 42.6



#6
Aniline
Concen: 4.575 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion: 93 Resp: 25427
Ion Ratio Lower Upper
93 100
66 86.3 62.6 94.0
65 53.6 38.3 57.5

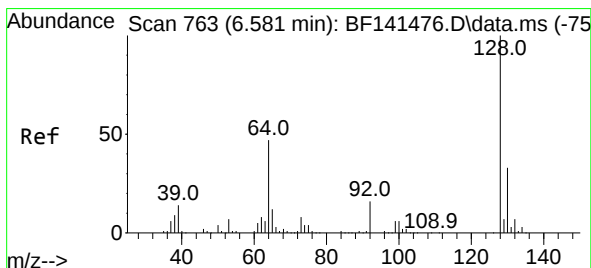
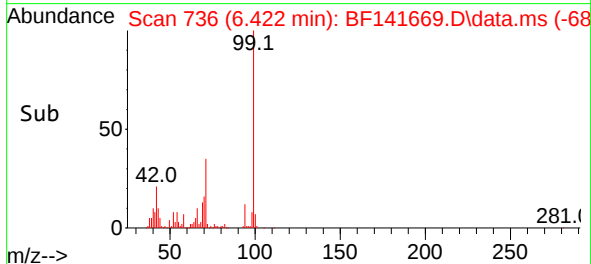
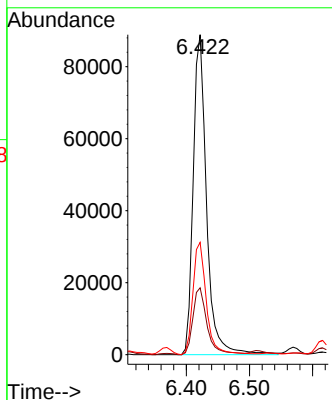
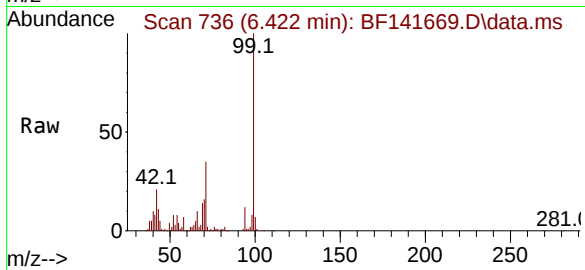




#7
Phenol-d6
Concen: 22.062 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

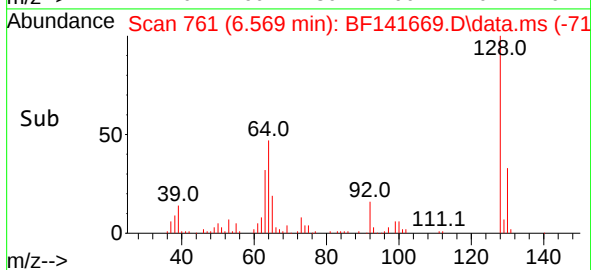
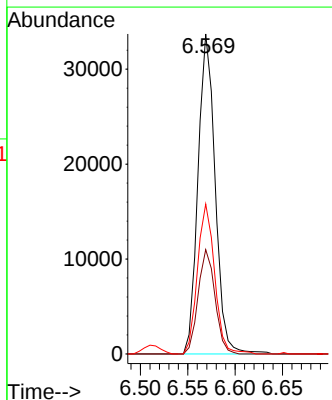
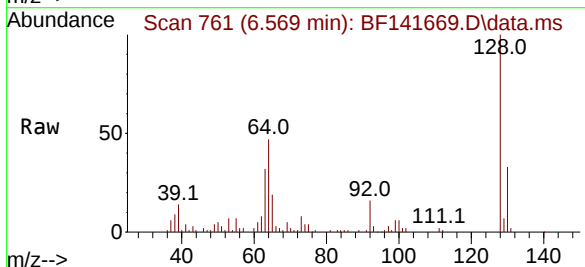
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ClientSampleId :
TR-05-02142025MSD

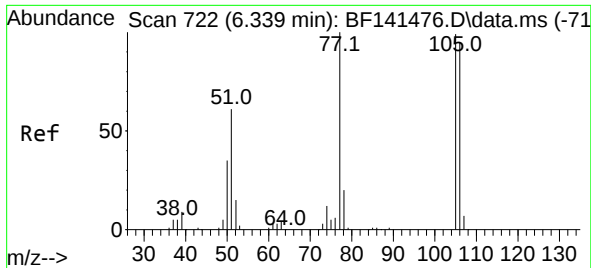
Tgt Ion: 99 Resp: 130707
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 35.1 31.1 46.7



#8
2-Chlorophenol
Concen: 8.379 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:128 Resp: 42439
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 46.8 28.3 68.3





#9

Benzaldehyde

Concen: 6.659 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141669.D

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Instrument :

BNA_F

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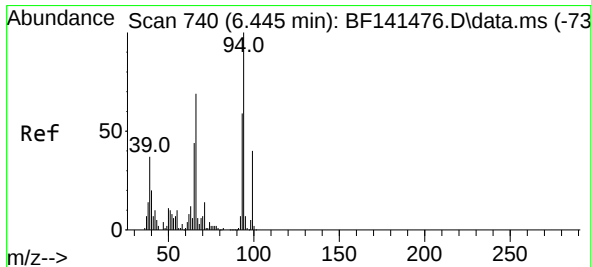
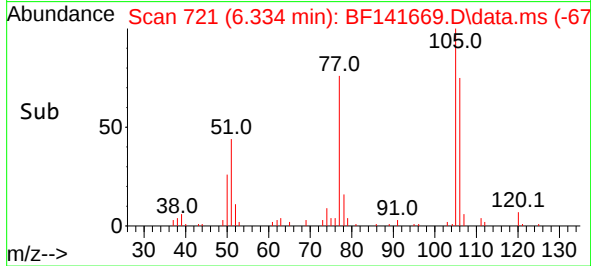
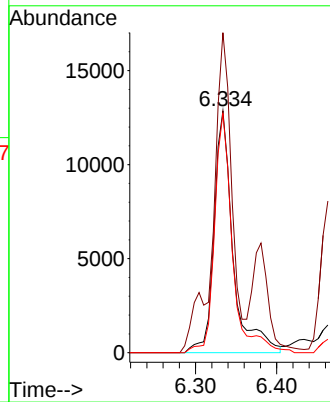
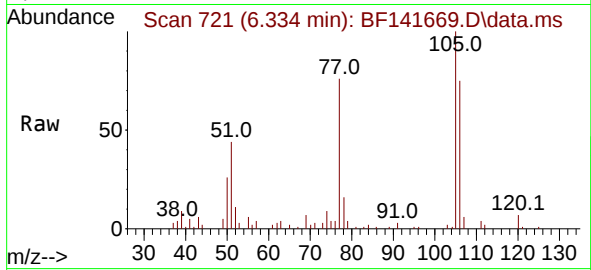
Tgt Ion: 77 Resp: 20964

Ion Ratio Lower Upper

77 100

105 132.4 79.4 119.4#

106 99.0 75.1 115.1



#10

Phenol

Concen: 8.355 ng

RT: 6.434 min Scan# 738

Delta R.T. -0.023 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

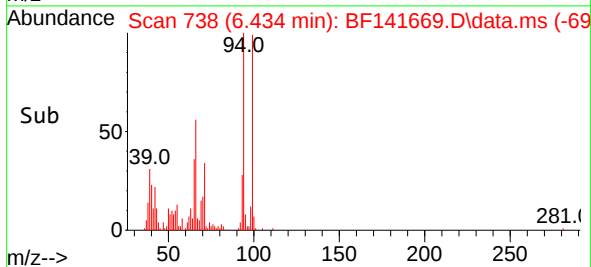
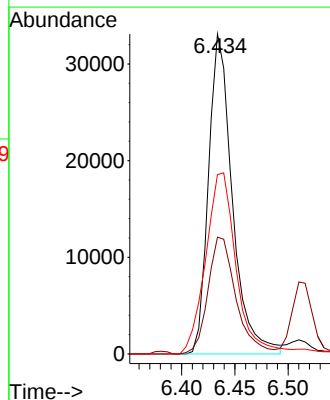
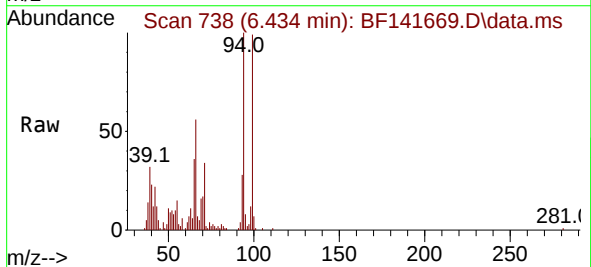
Tgt Ion: 94 Resp: 51520

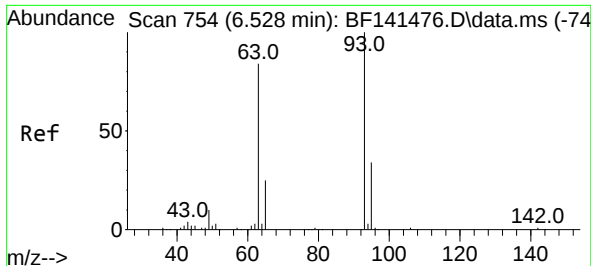
Ion Ratio Lower Upper

94 100

65 36.5 23.7 63.7

66 56.1 49.3 89.3

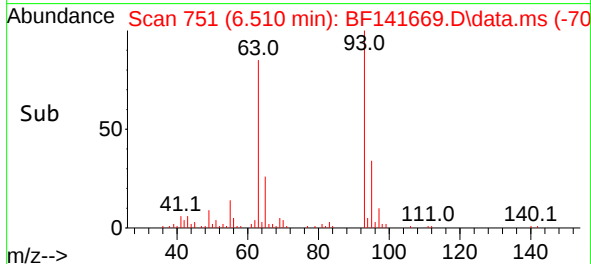
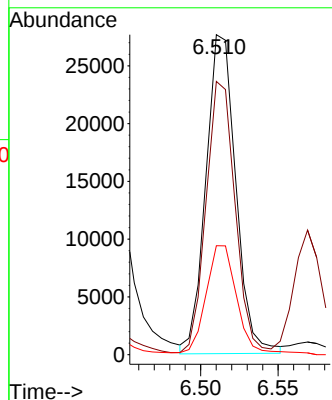
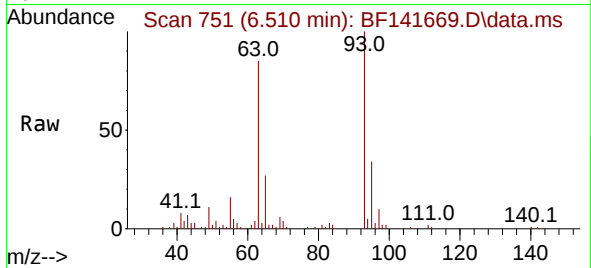




#11
bis(2-Chloroethyl)ether
Concen: 8.010 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

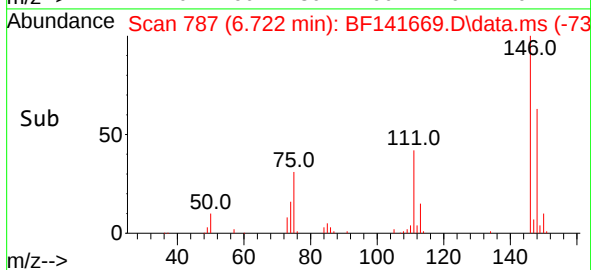
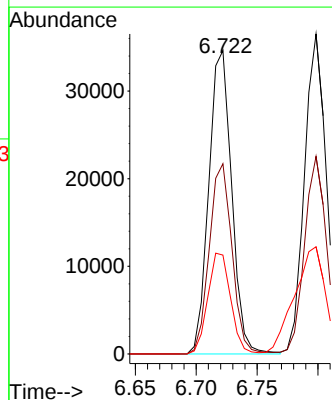
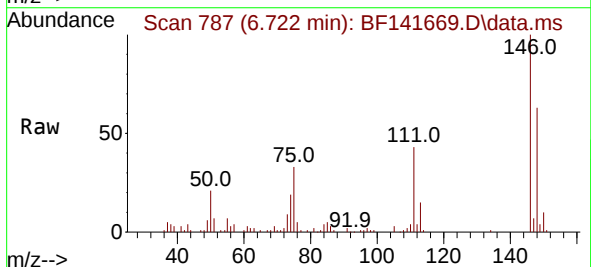
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

Tgt Ion: 93	Resp: 37100
Ion Ratio	Lower Upper
93 100	
63 85.4	62.0 102.0
95 34.1	12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 8.458 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:146	Resp:	45226	
Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
75	32.6	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 8.553 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

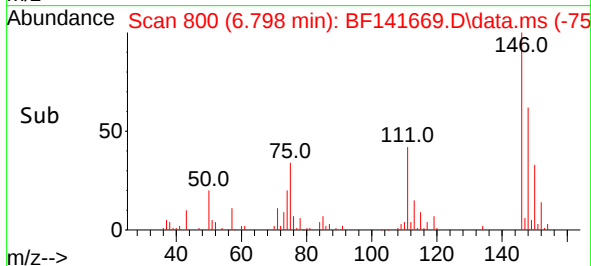
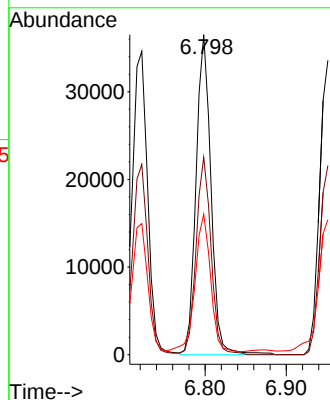
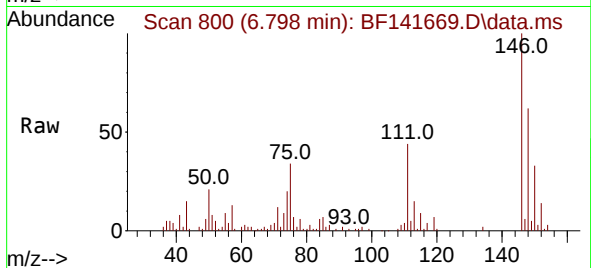
Tgt Ion:146 Resp: 46726

Ion Ratio Lower Upper

146 100

148 61.7 50.9 76.3

111 43.9 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 8.579 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

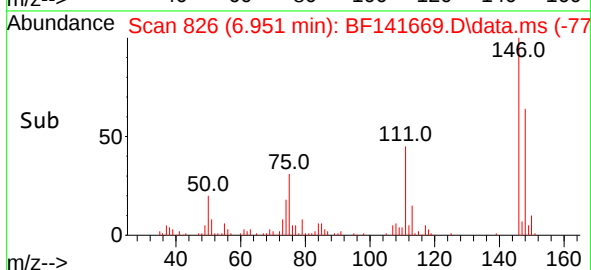
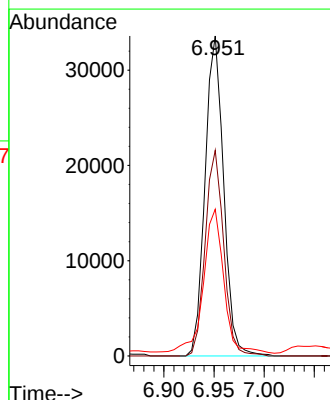
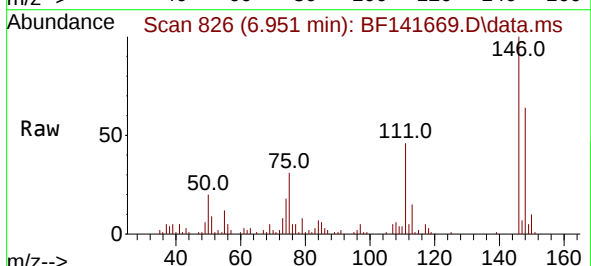
Tgt Ion:146 Resp: 43499

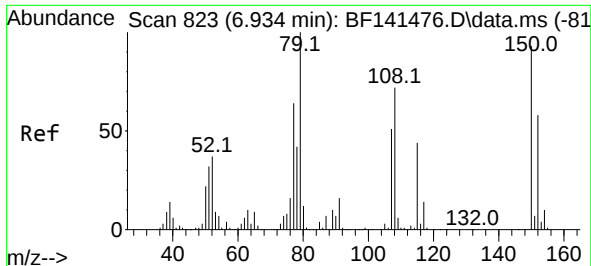
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

111 45.9 37.0 55.4

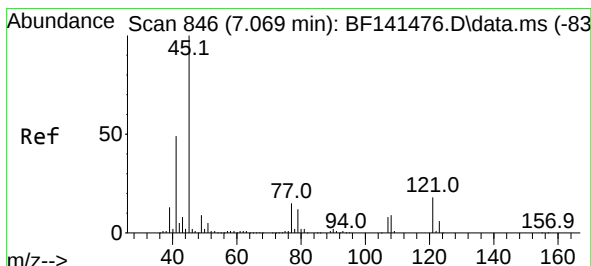
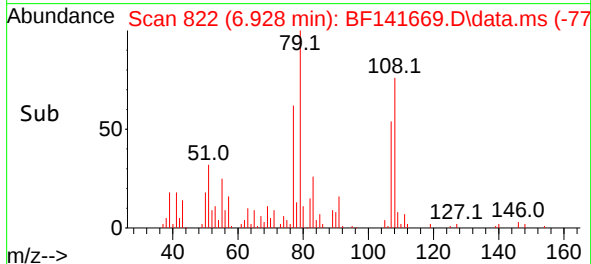
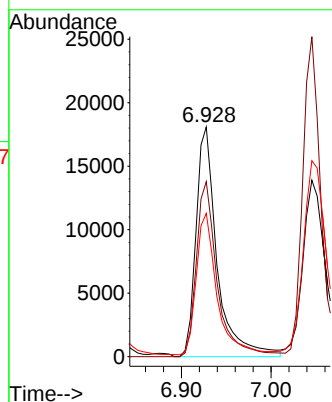
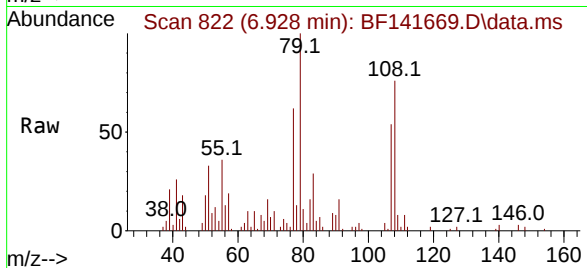




#15
Benzyl Alcohol
Concen: 6.519 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

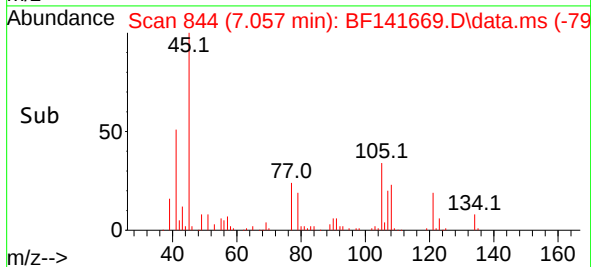
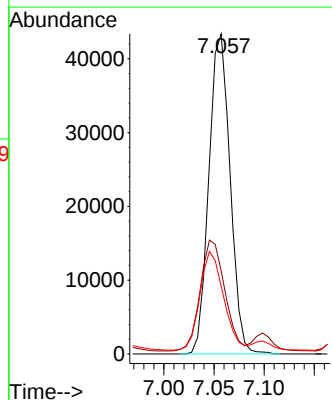
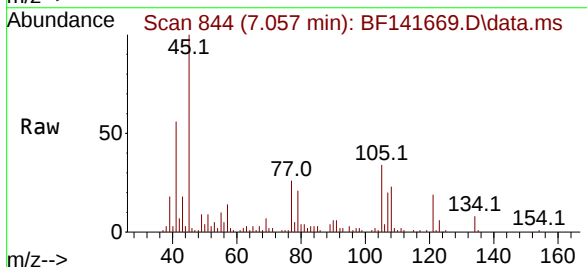
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

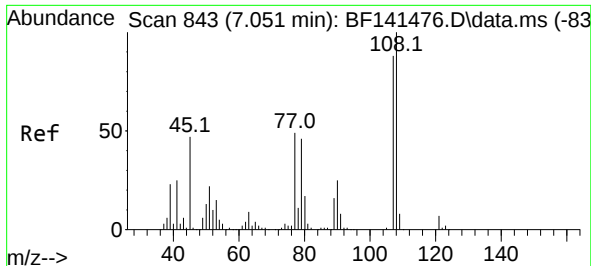
Tgt Ion: 79 Resp: 29619
Ion Ratio Lower Upper
79 100
108 76.1 57.4 86.2
77 62.4 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.058 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

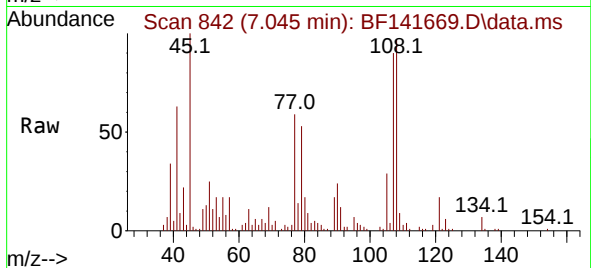
Tgt Ion: 45 Resp: 63890
Ion Ratio Lower Upper
45 100
77 26.0 0.0 35.8
79 21.2 0.0 32.7



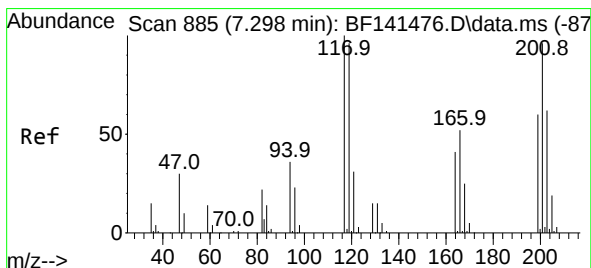
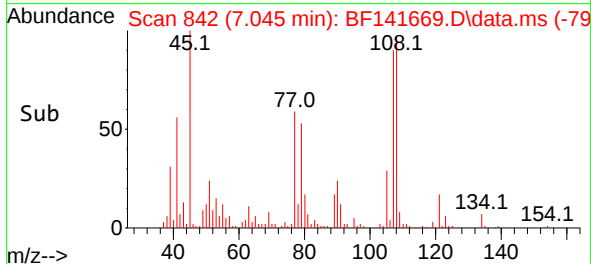
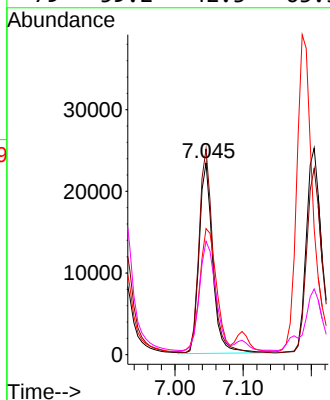


#17
2-Methylphenol
Concen: 8.171 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

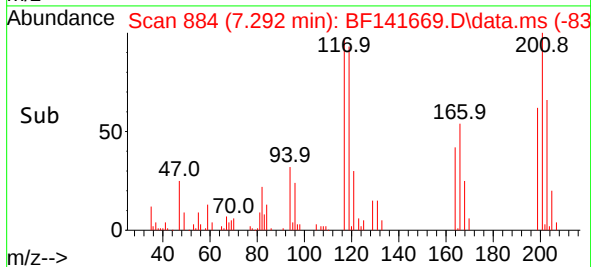
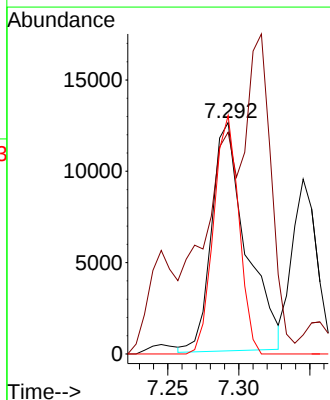
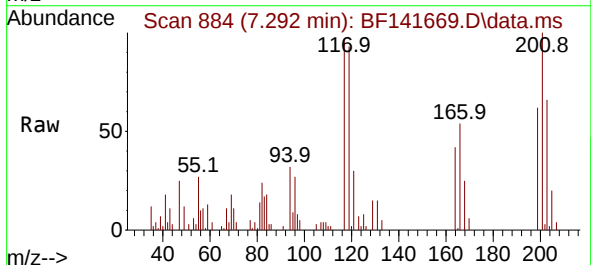


Tgt Ion:	107	Resp:	32386
Ion	Ratio	Lower	Upper
107	100		
108	107.4	90.6	136.0
77	65.8	44.4	66.6
79	59.2	42.3	63.5



#18
Hexachloroethane
Concen: 10.478 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	117	Resp:	21185
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.5	114.7
201	103.1	76.7	115.1

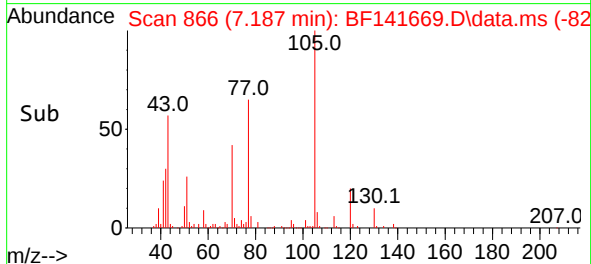
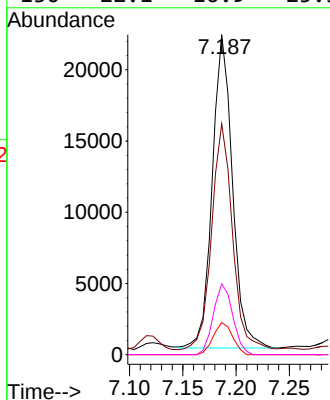
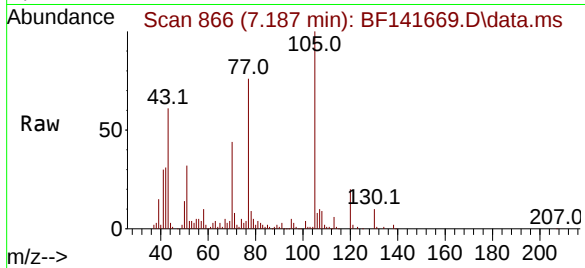




#19
n-Nitroso-di-n-propylamine
Concen: 8.194 ng
RT: 7.187 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

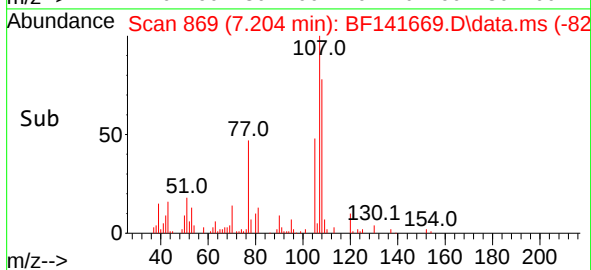
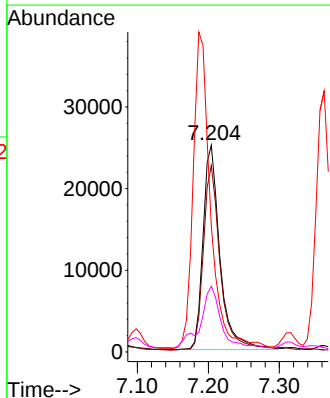
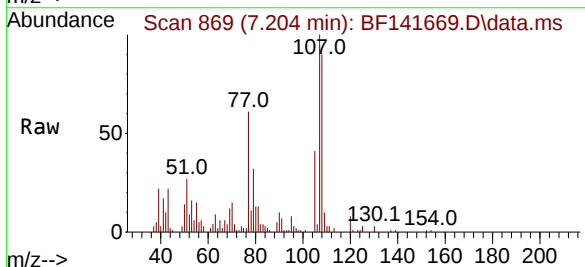
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

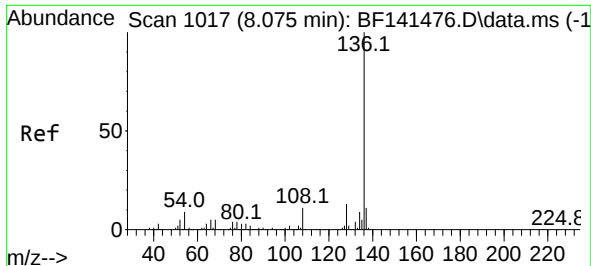
Tgt Ion:	70	Resp:	29038
Ion Ratio	Lower	Upper	
70	100		
42	72.1	57.4	86.2
101	10.1	8.0	12.0
130	22.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 8.250 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	107	Resp:	41557
Ion Ratio	Lower	Upper	
107	100		
108	90.1	68.5	108.5
77	60.8	116.5	156.5#
79	31.8	12.0	52.0

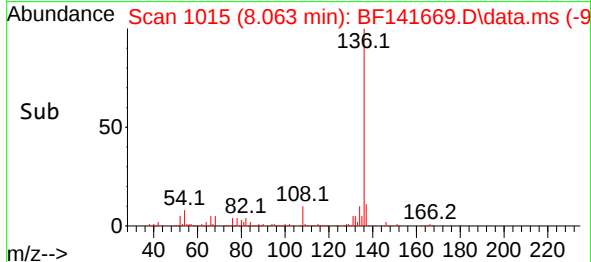
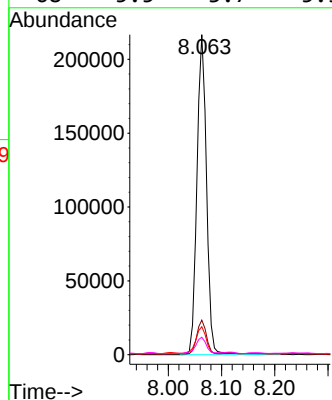
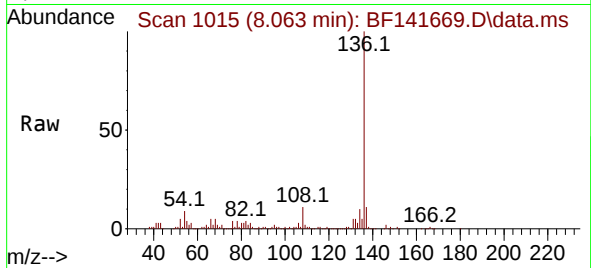




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

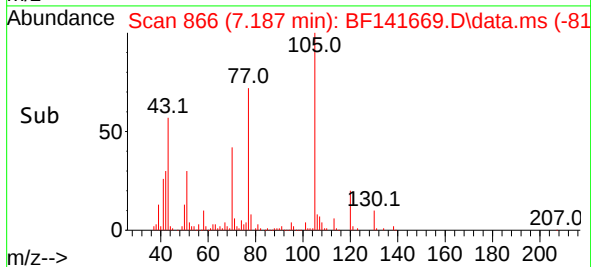
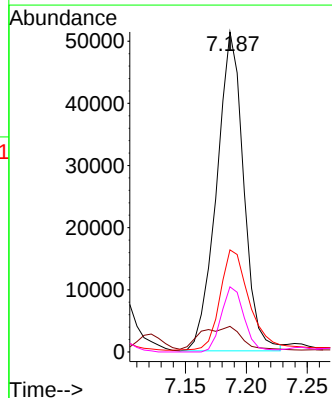
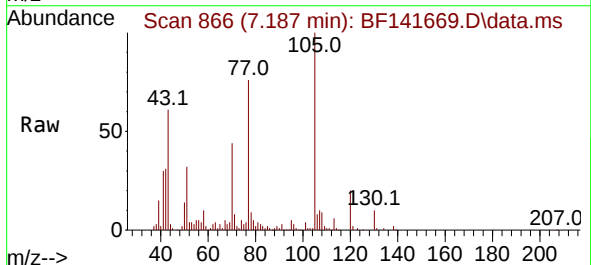
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

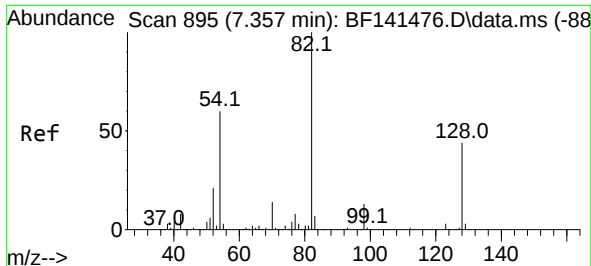
Tgt Ion:136 Resp: 272030
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.2 10.8
68 5.5 3.7 5.5



#22
Acetophenone
Concen: 11.725 ng
RT: 7.187 min Scan# 866
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:105 Resp: 79343
Ion Ratio Lower Upper
105 100
71 8.0 5.7 8.5
51 31.9 33.7 50.5#
120 20.3 17.0 25.6





#23

Nitrobenzene-d5

Concen: 15.102 ng

RT: 7.339 min Scan# 895

Delta R.T. -0.023 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

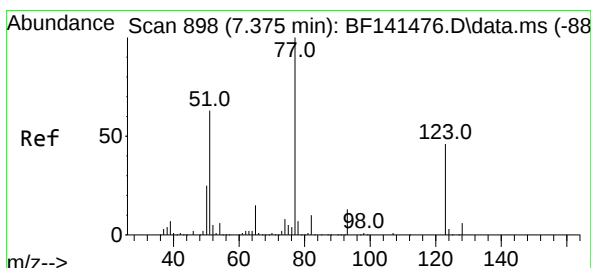
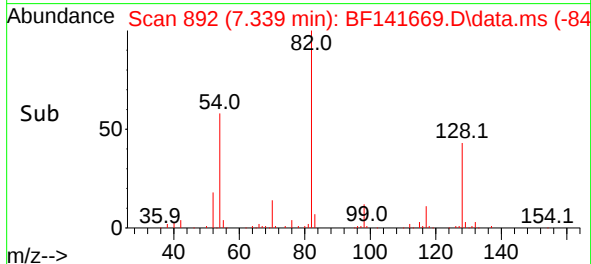
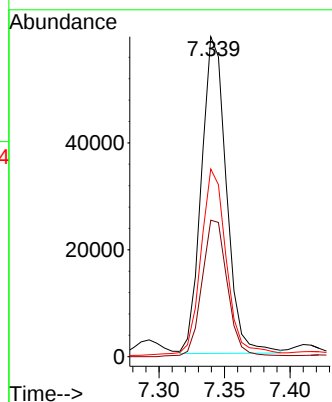
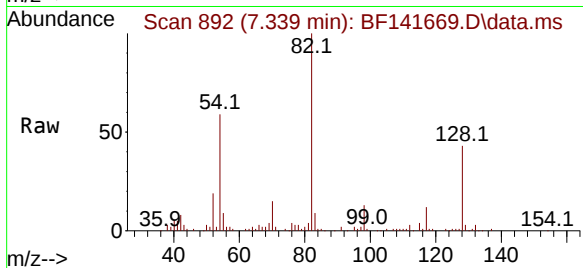
Tgt Ion: 82 Resp: 78764

Ion Ratio Lower Upper

82 100

128 42.7 34.8 52.2

54 58.6 48.2 72.4



#24

Nitrobenzene

Concen: 8.255 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

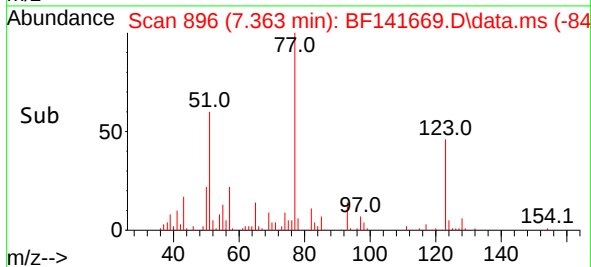
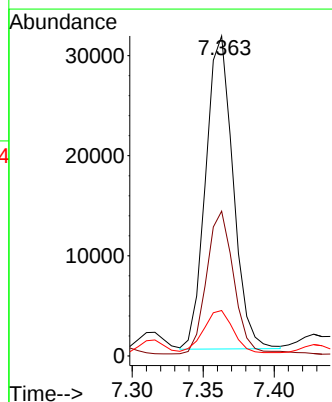
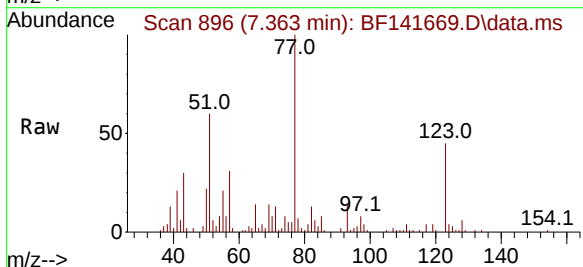
Tgt Ion: 77 Resp: 41983

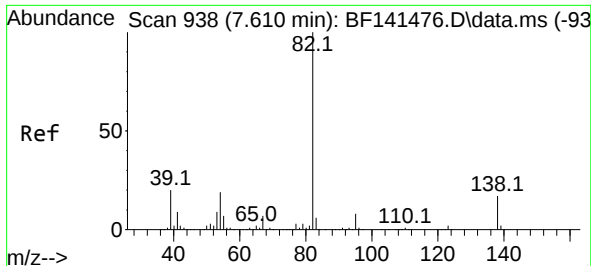
Ion Ratio Lower Upper

77 100

123 45.3 36.9 55.3

65 14.2 11.9 17.9

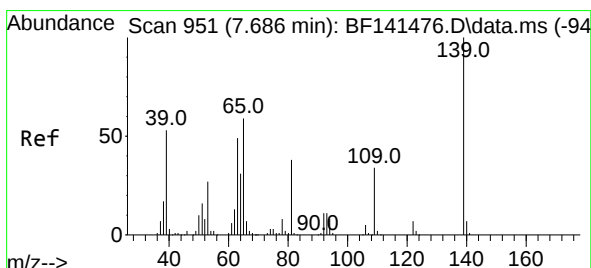
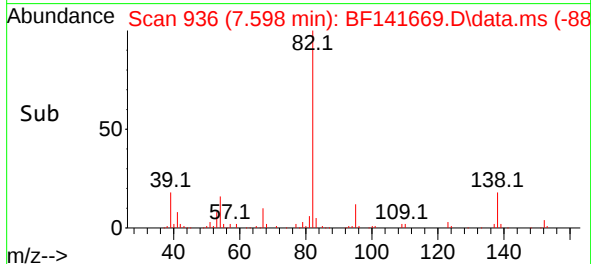
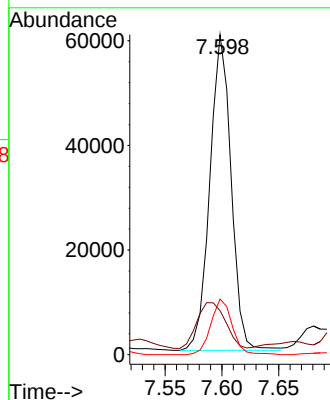
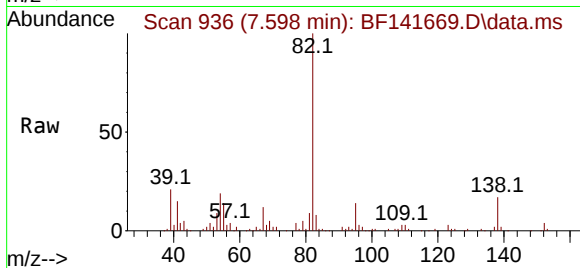




#25
Isophorone
Concen: 9.466 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

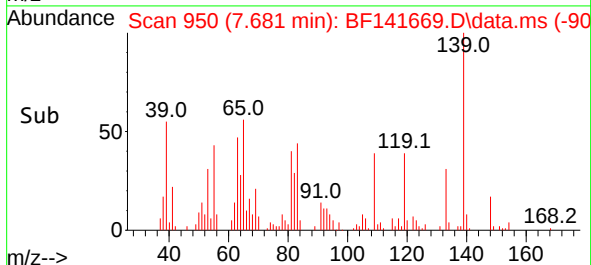
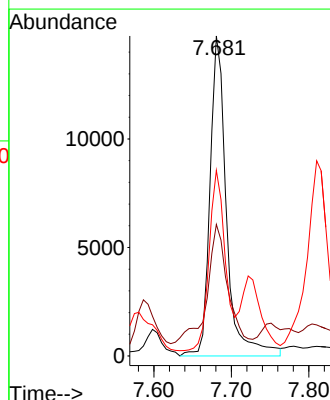
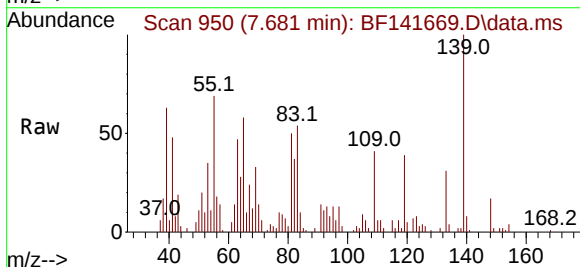
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

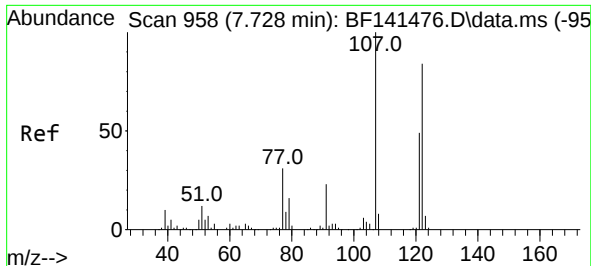
Tgt Ion: 82 Resp: 78717
Ion Ratio Lower Upper
82 100
95 13.7 6.4 9.6#
138 17.3 13.9 20.9



#26
2-Nitrophenol
Concen: 8.628 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:139 Resp: 21832
Ion Ratio Lower Upper
139 100
109 41.1 27.0 40.6#
65 58.0 47.1 70.7

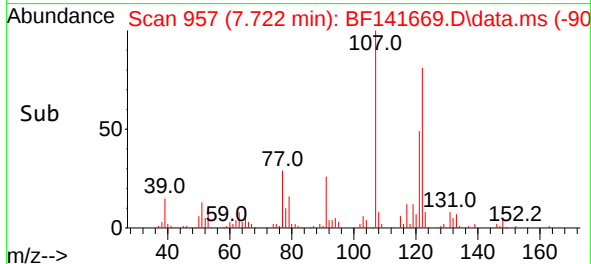
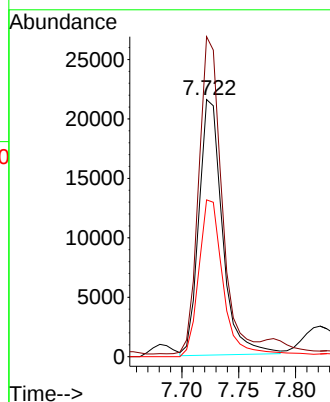
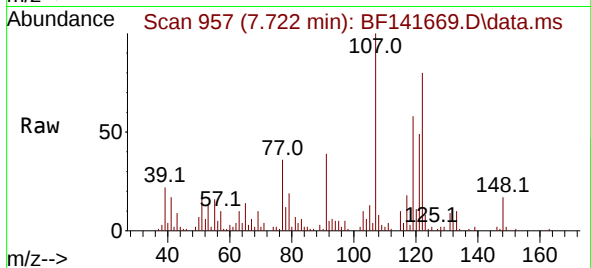




#27
2,4-Dimethylphenol
Concen: 10.460 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

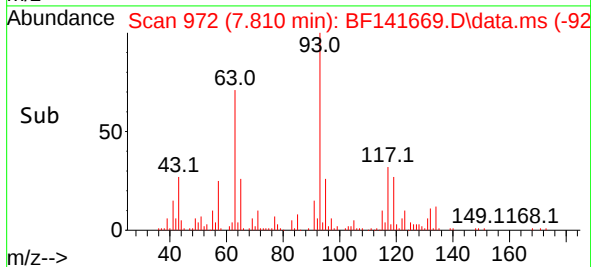
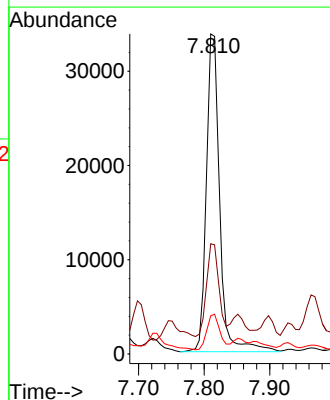
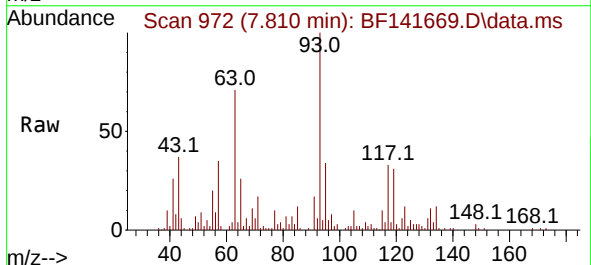
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

Tgt Ion:122 Resp: 30918
Ion Ratio Lower Upper
122 100
107 124.4 94.3 141.5
121 61.0 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 8.985 ng
RT: 7.810 min Scan# 972
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion: 93 Resp: 47877
Ion Ratio Lower Upper
93 100
95 34.4 26.1 39.1
123 12.0 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 8.150 ng

RT: 7.945 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

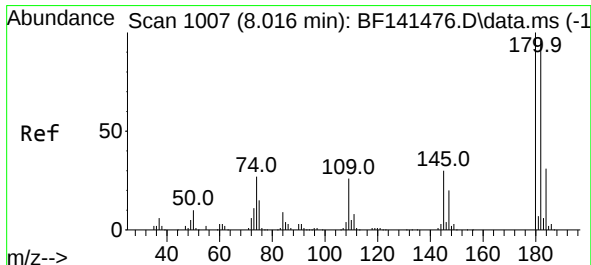
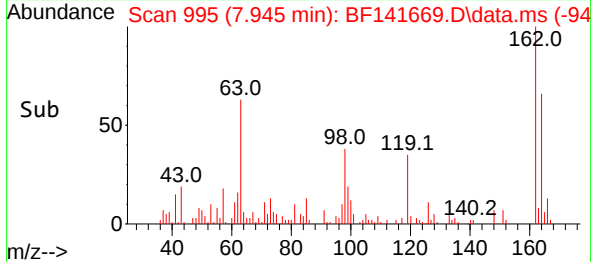
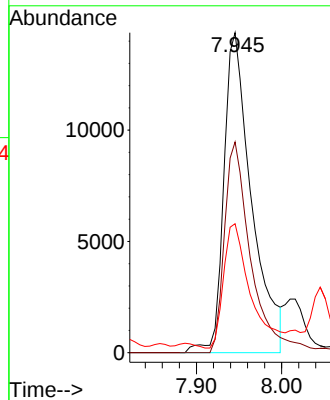
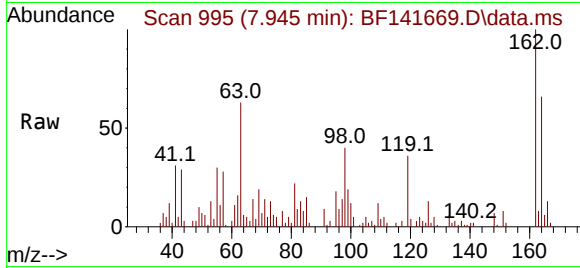
Tgt Ion:162 Resp: 32548

Ion Ratio Lower Upper

162 100

164 65.9 44.6 84.6

98 40.3 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 8.382 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

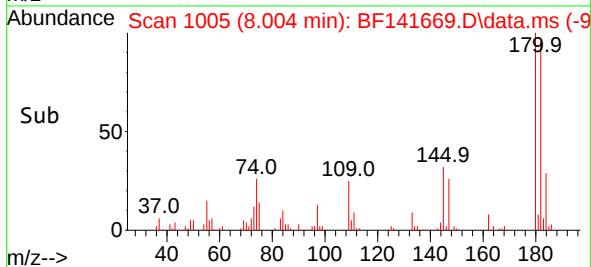
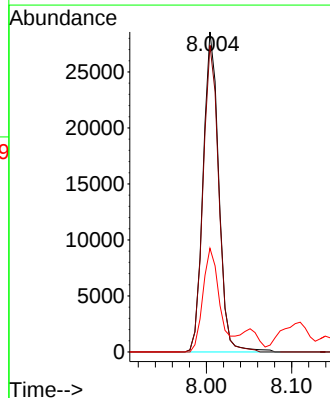
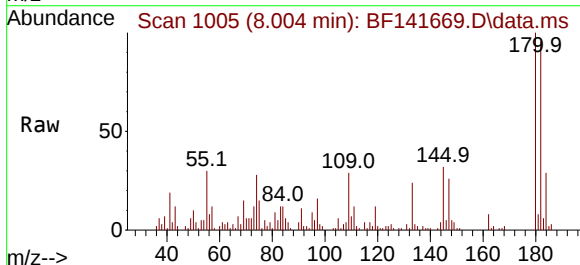
Tgt Ion:180 Resp: 36455

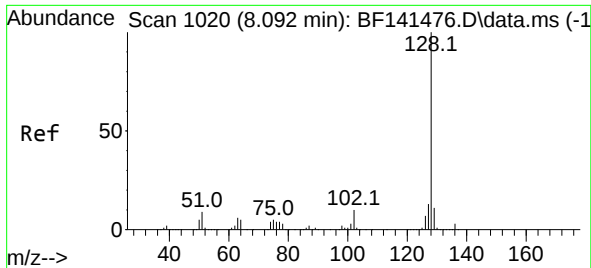
Ion Ratio Lower Upper

180 100

182 95.9 76.8 115.2

145 32.4 24.2 36.4

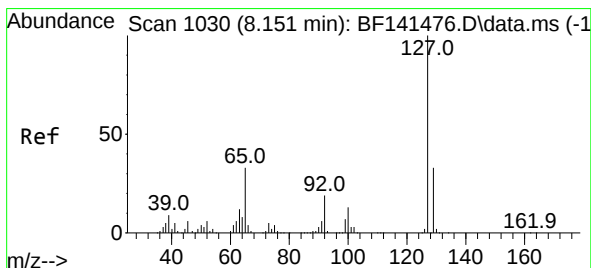
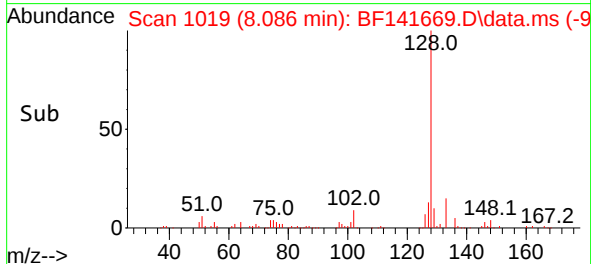
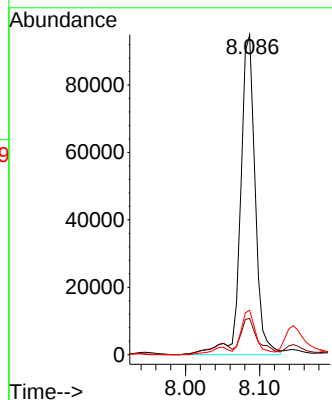
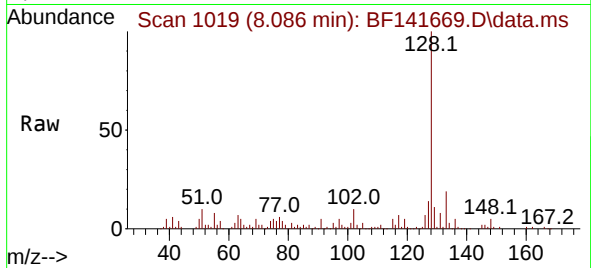




#31
Naphthalene
Concen: 9.228 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

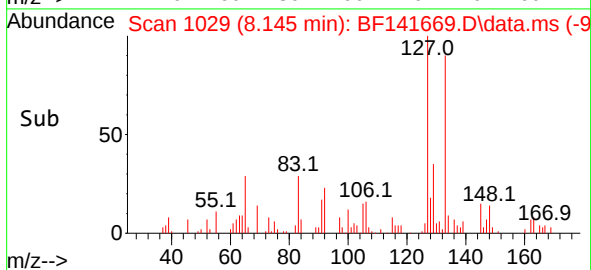
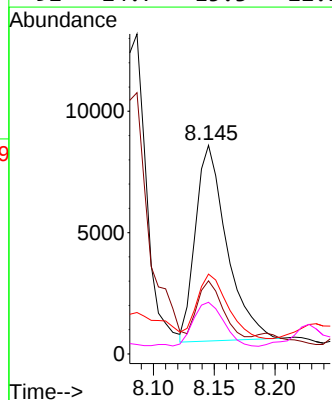
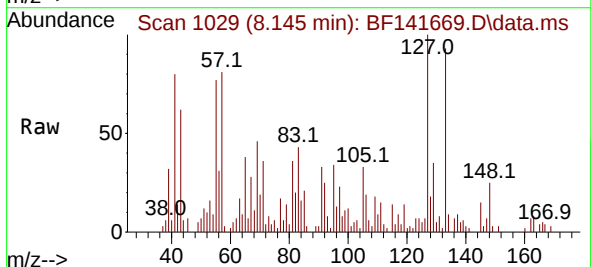
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

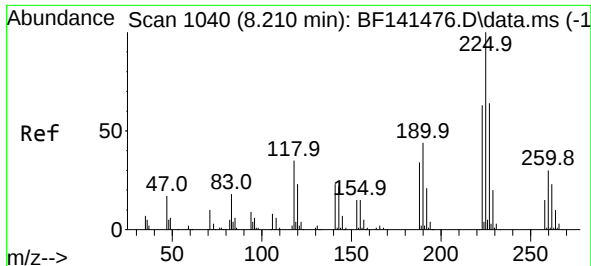
Tgt Ion:128 Resp: 130670
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.9 10.7 16.1



#33
4-Chloroaniline
Concen: 2.920 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:127 Resp: 14434
Ion Ratio Lower Upper
127 100
129 35.0 26.5 39.7
65 38.3 26.4 39.6
92 24.7 15.3 22.9#

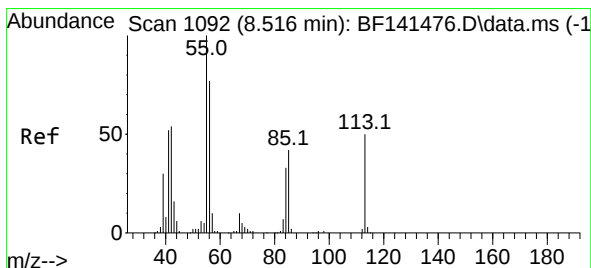
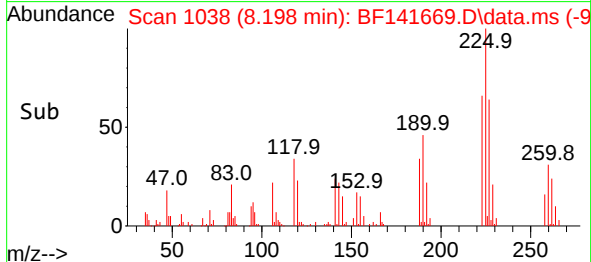
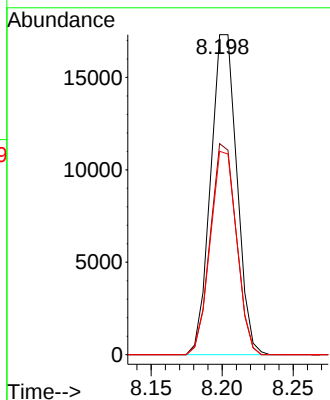
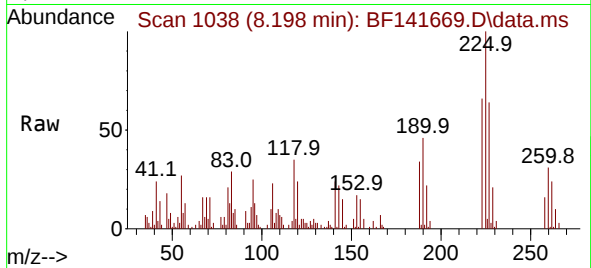




#34
Hexachlorobutadiene
Concen: 8.531 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

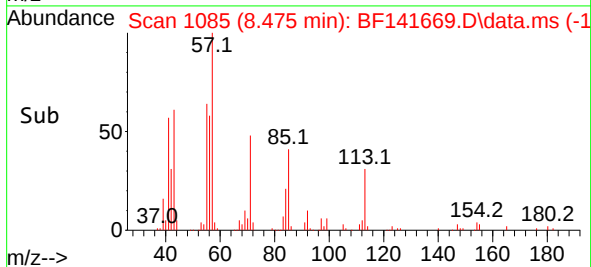
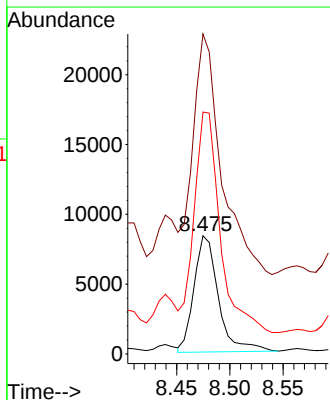
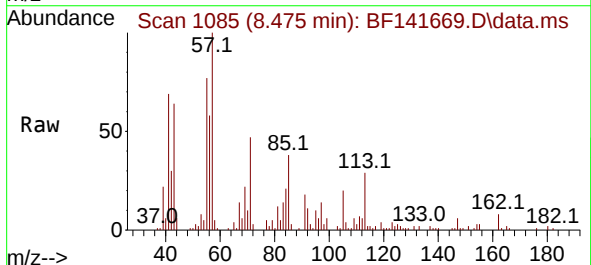
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

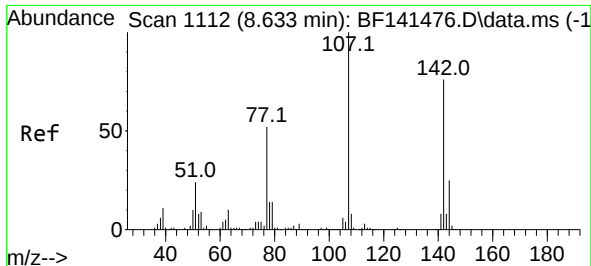
Tgt Ion:225 Resp: 22274
Ion Ratio Lower Upper
225 100
223 66.0 50.1 75.1
227 63.5 51.0 76.6



#35
Caprolactam
Concen: 10.931 ng
RT: 8.475 min Scan# 1085
Delta R.T. -0.070 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:113 Resp: 13292
Ion Ratio Lower Upper
113 100
55 270.6 180.8 220.8#
56 204.6 133.6 173.6#

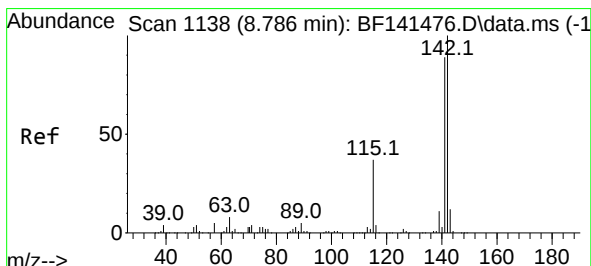
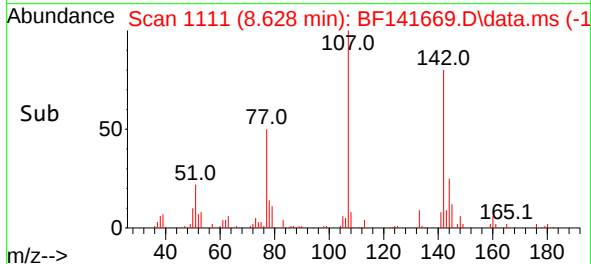
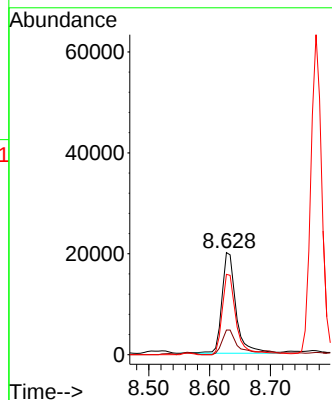
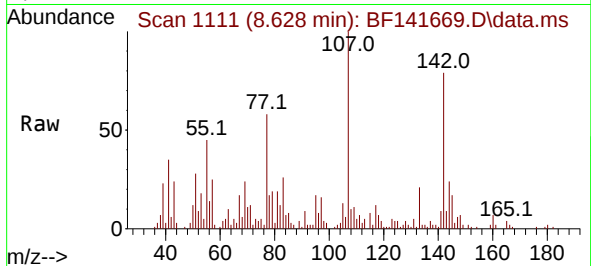




#36
 4-Chloro-3-methylphenol
 Concen: 7.262 ng
 RT: 8.628 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

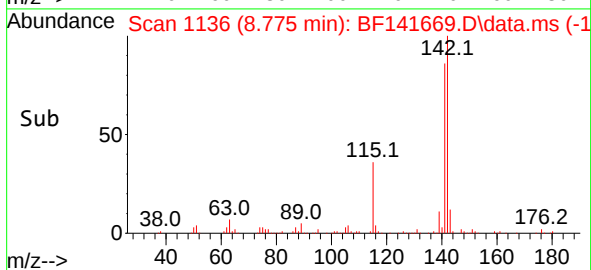
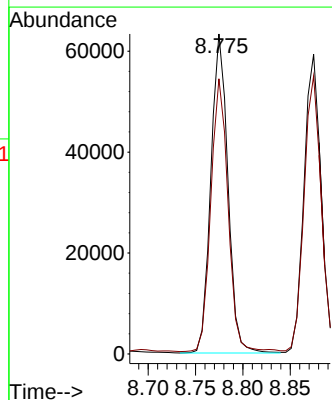
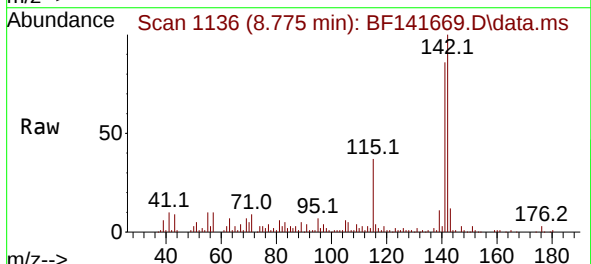
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MSD

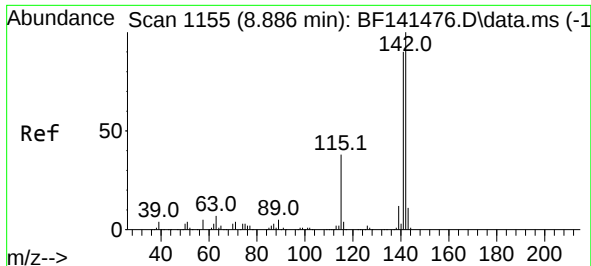
Tgt Ion:	107	Resp:	32127
Ion	Ratio	Lower	Upper
107	100		
144	24.2	19.7	29.5
142	78.8	60.8	91.2



#37
 2-Methylnaphthalene
 Concen: 8.562 ng
 RT: 8.775 min Scan# 1136
 Delta R.T. -0.012 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

Tgt Ion:	142	Resp:	78898
Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.2	106.8

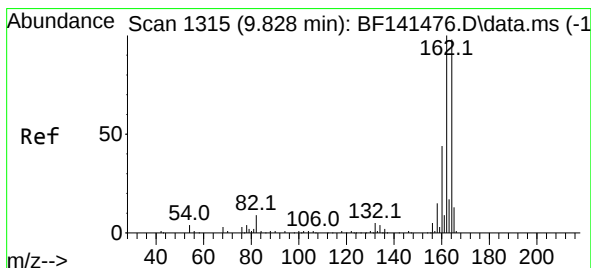
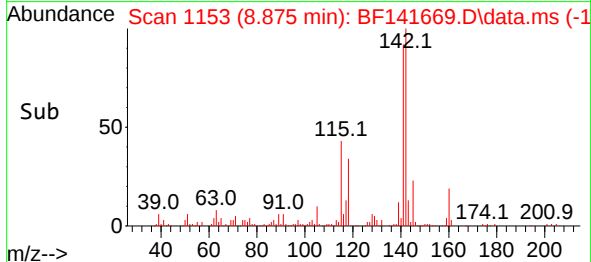
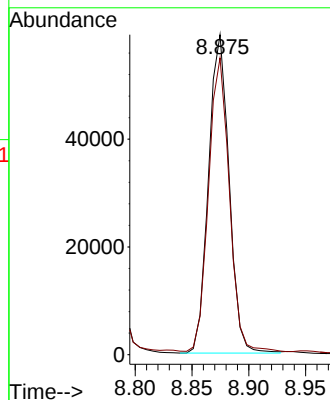
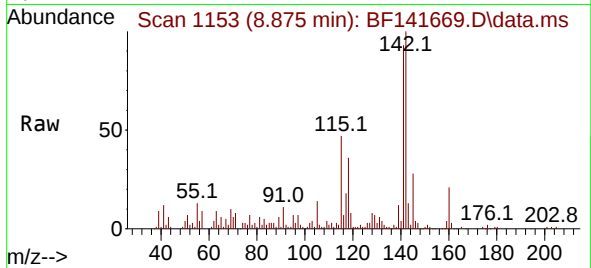




#38
1-Methylnaphthalene
Concen: 8.333 ng
RT: 8.875 min Scan# 1155
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

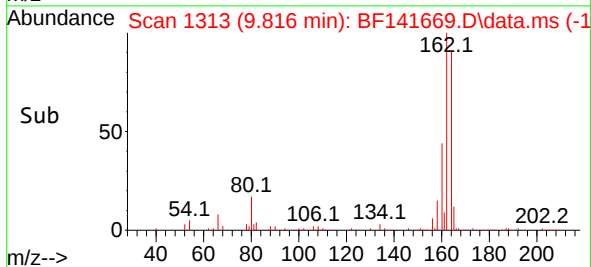
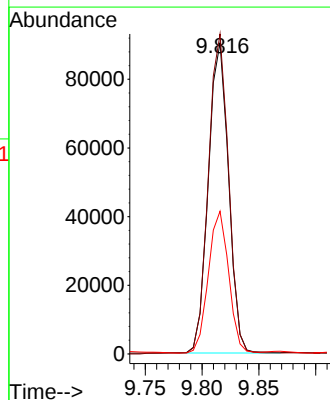
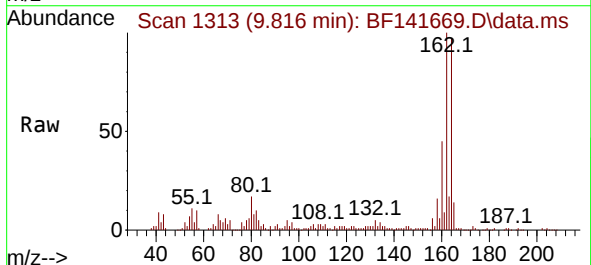
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

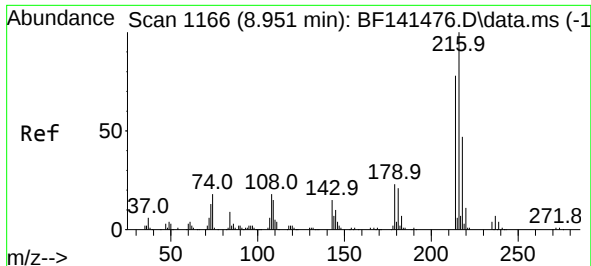
Tgt Ion:142 Resp: 74372
Ion Ratio Lower Upper
142 100
141 92.8 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1313
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:164 Resp: 111930
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.8 35.9 53.9

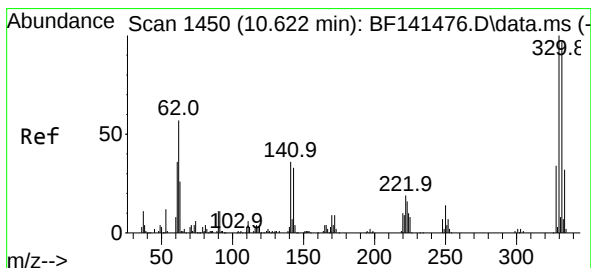
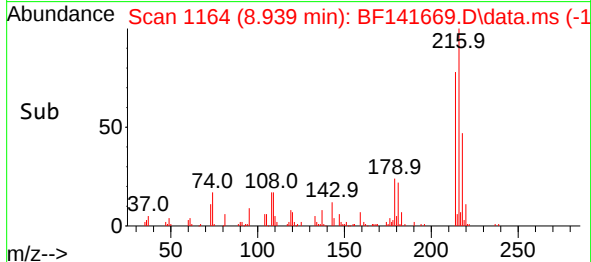
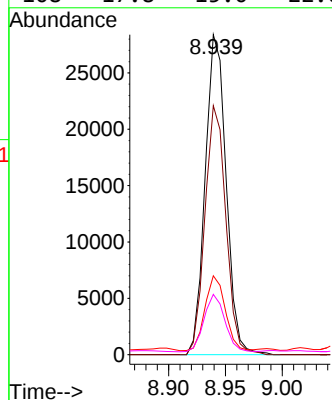
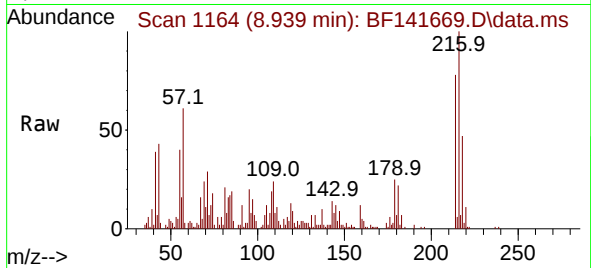




#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.236 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

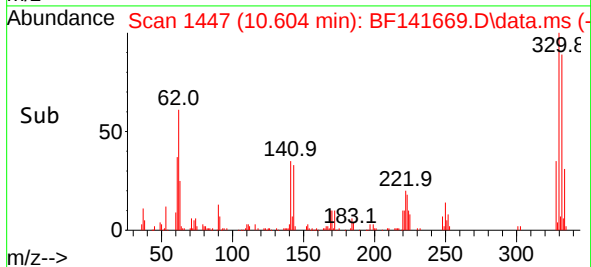
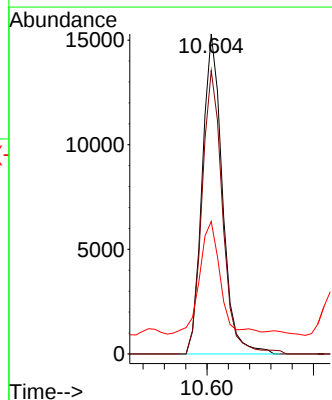
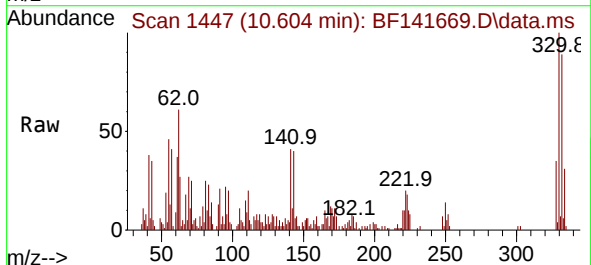
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

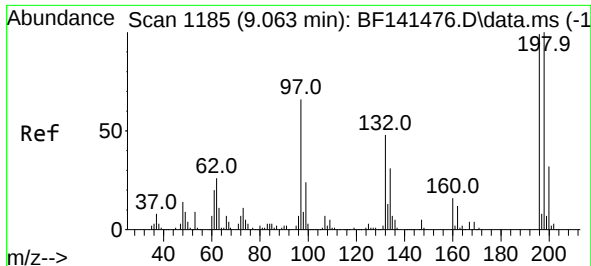
Tgt Ion:	216	Resp:	36385
Ion Ratio	Lower	Upper	
216	100		
214	77.8	62.3	93.5
179	23.1	18.0	27.0
108	17.8	15.0	22.6



#42
2,4,6-Tribromophenol
Concen: 17.839 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	330	Resp:	20058
Ion Ratio	Lower	Upper	
330	100		
332	90.5	78.5	117.7
141	36.1	31.0	46.4





#43

2,4,6-Trichlorophenol

Concen: 9.020 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

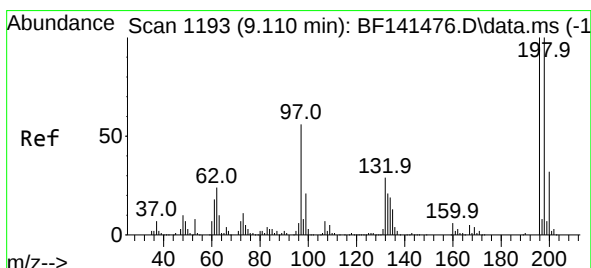
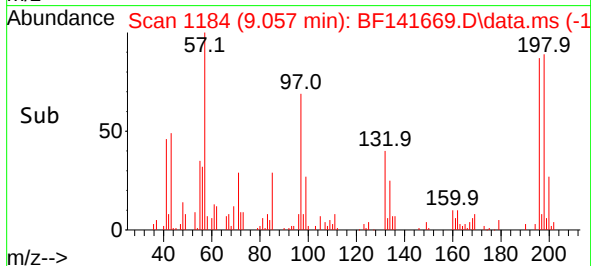
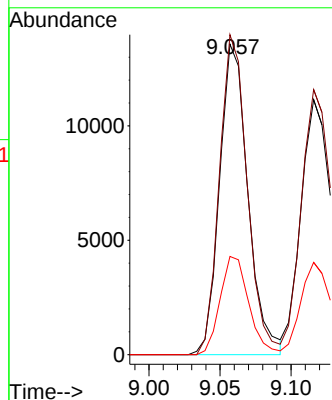
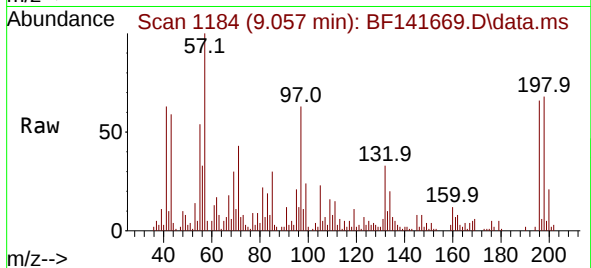
Tgt Ion:196 Resp: 18878

Ion Ratio Lower Upper

196 100

198 103.0 80.6 121.0

200 31.6 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 7.836 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Tgt Ion:196 Resp: 17773

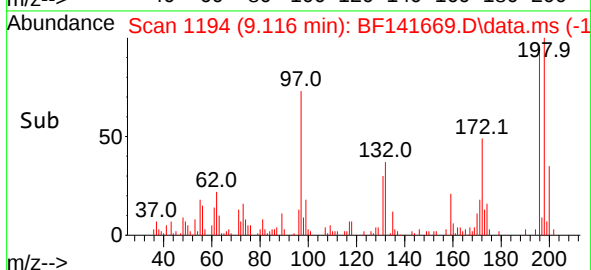
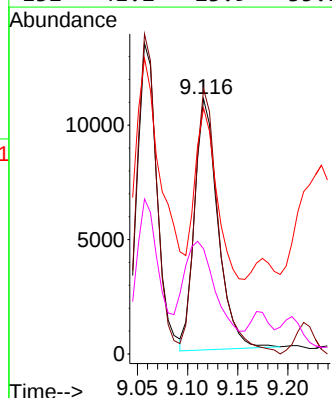
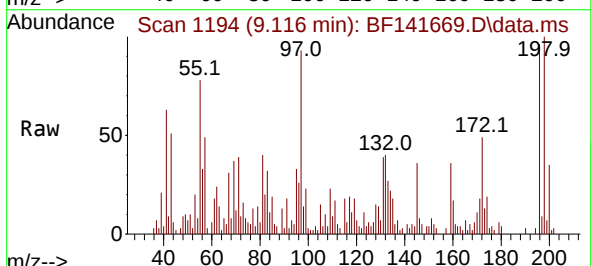
Ion Ratio Lower Upper

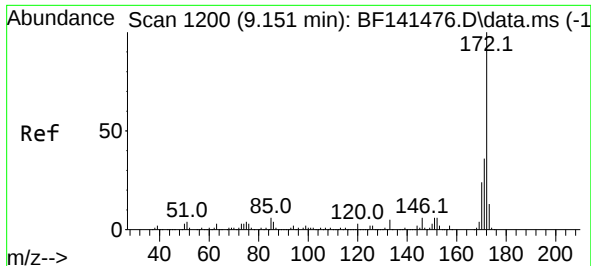
196 100

198 103.9 79.8 119.8

97 96.4 44.8 67.2#

132 41.2 23.9 35.9#





#45

2-Fluorobiphenyl

Concen: 18.722 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

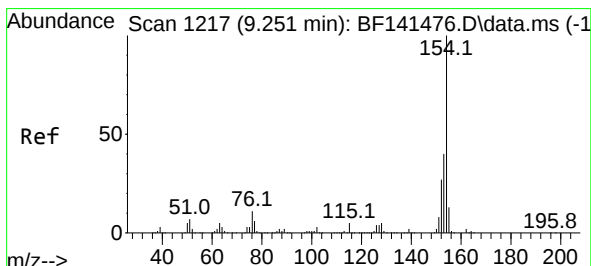
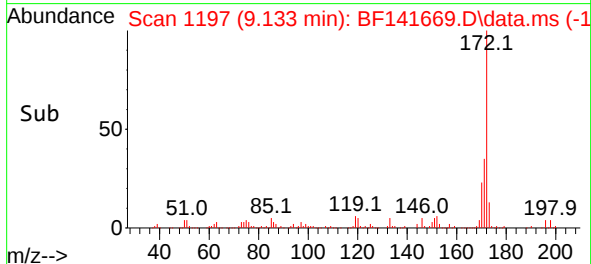
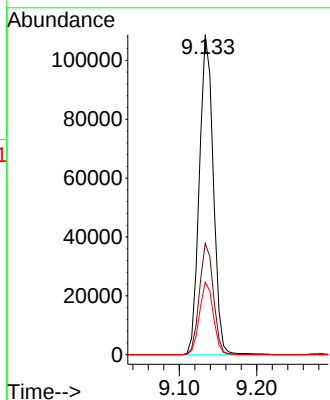
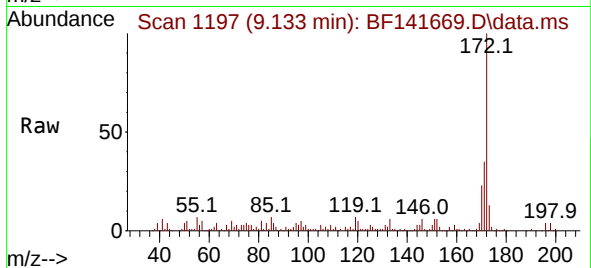
Tgt Ion:172 Resp: 136015

Ion Ratio Lower Upper

172 100

171 34.8 28.7 43.1

170 22.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 11.780 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

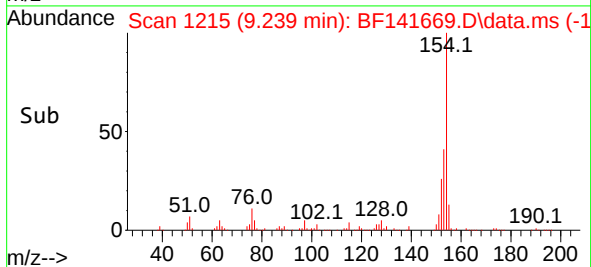
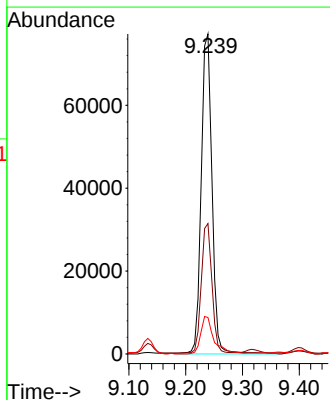
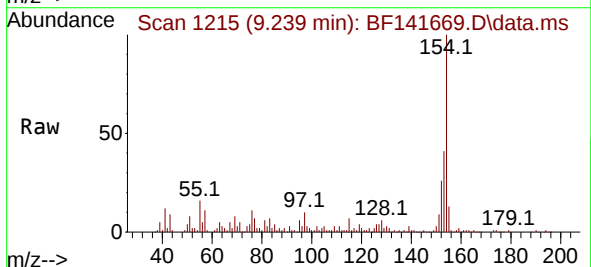
Tgt Ion:154 Resp: 102224

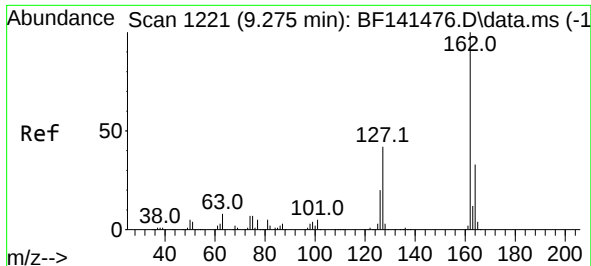
Ion Ratio Lower Upper

154 100

153 40.8 20.4 60.4

76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 9.890 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

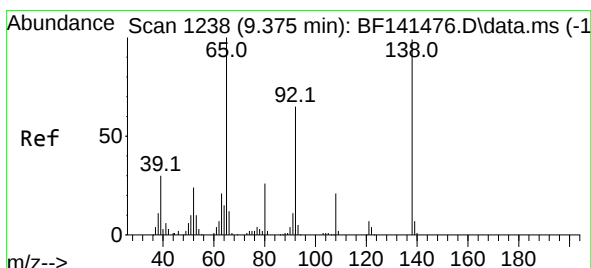
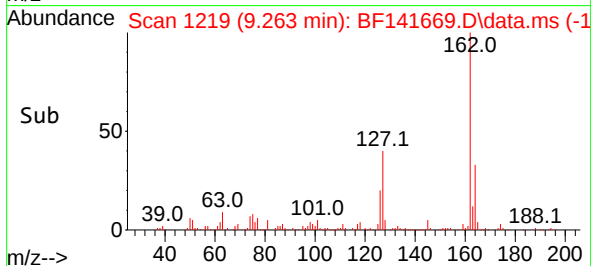
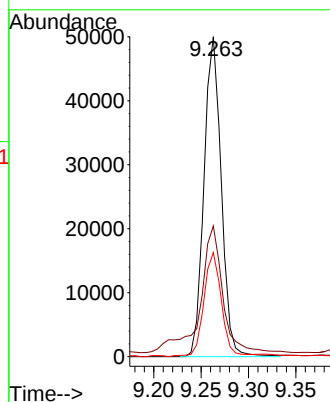
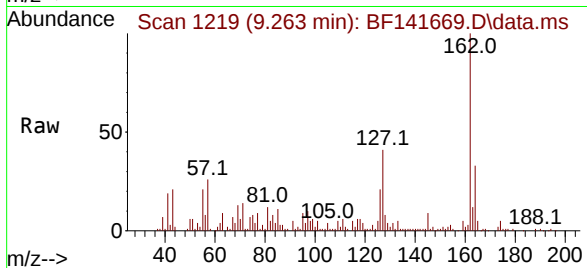
Tgt Ion:162 Resp: 63463

Ion Ratio Lower Upper

162 100

127 40.9 34.1 51.1

164 32.6 26.3 39.5



#48

2-Nitroaniline

Concen: 8.631 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

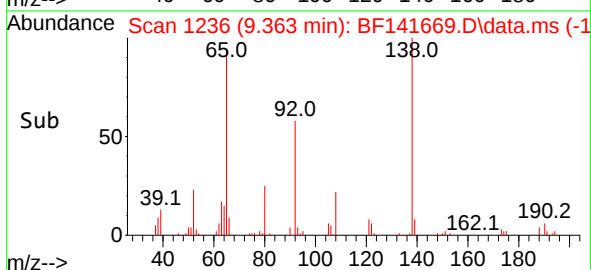
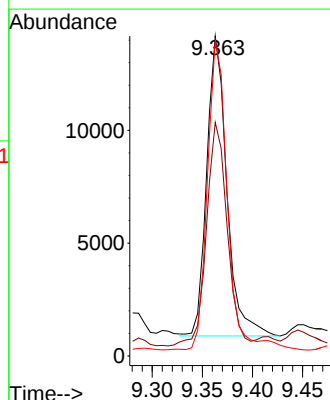
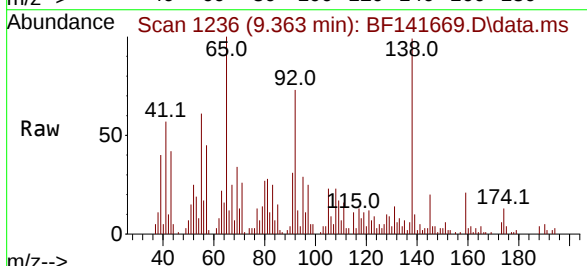
Tgt Ion: 65 Resp: 18587

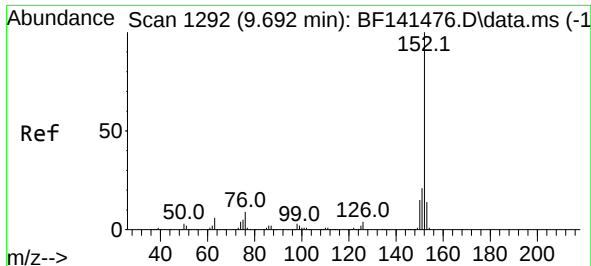
Ion Ratio Lower Upper

65 100

92 73.0 52.2 78.2

138 98.6 79.5 119.3

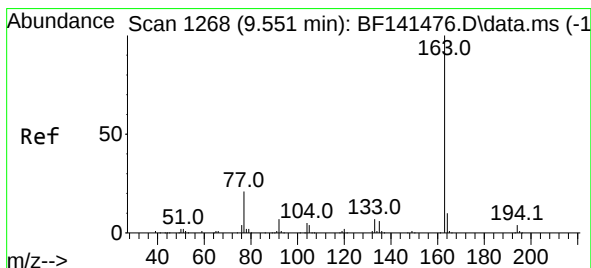
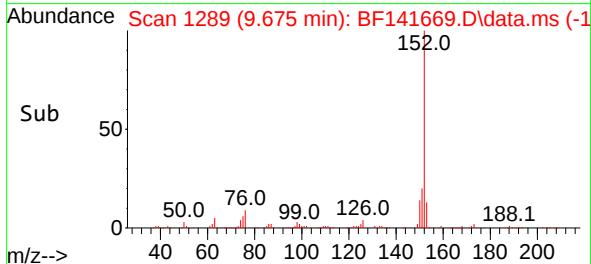
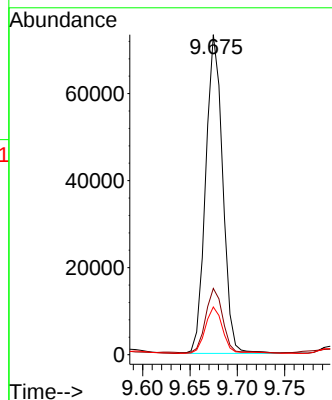
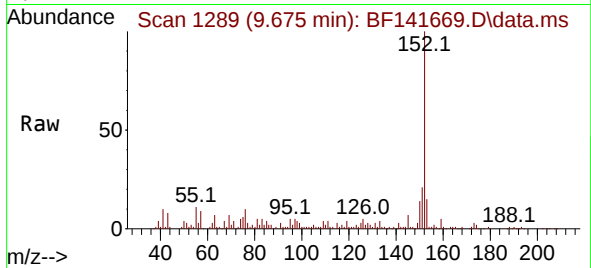




#49
Acenaphthylene
Concen: 9.615 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

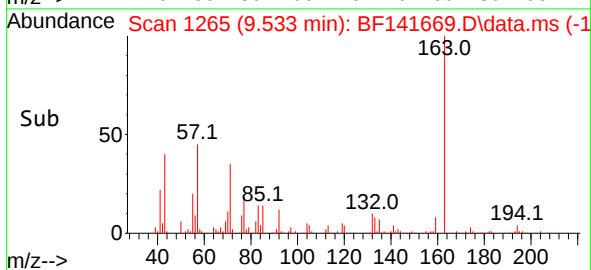
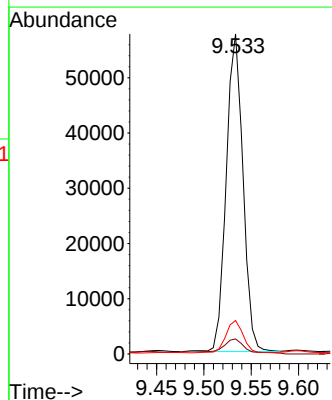
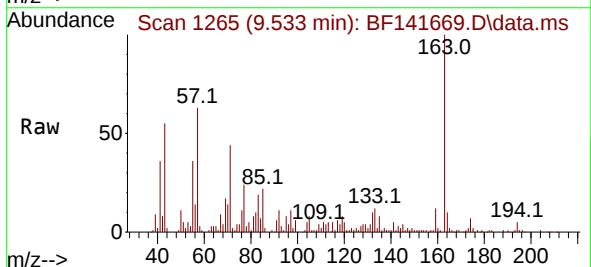
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

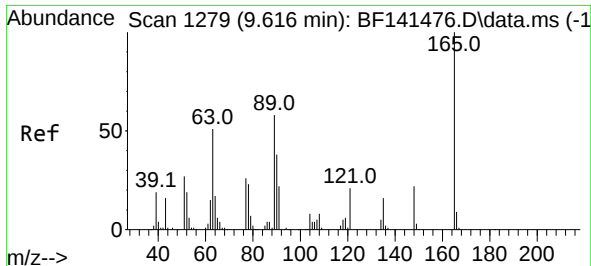
Tgt Ion:	152	Resp:	91769
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.4	24.6
153	14.9	10.9	16.3



#50
Dimethylphthalate
Concen: 9.311 ng
RT: 9.533 min Scan# 1265
Delta R.T. -0.029 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	163	Resp:	70753
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.0	4.4#
164	10.5	7.9	11.9

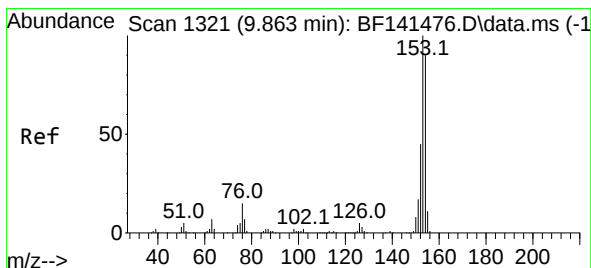
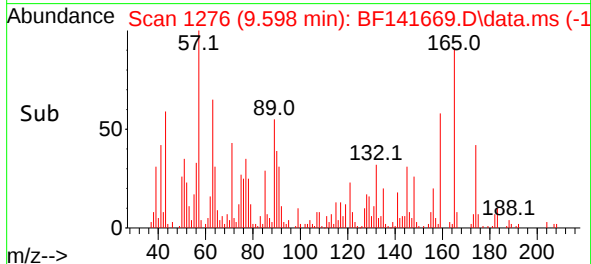
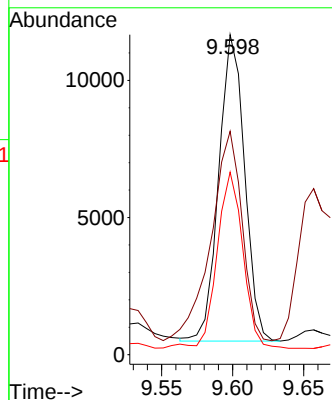
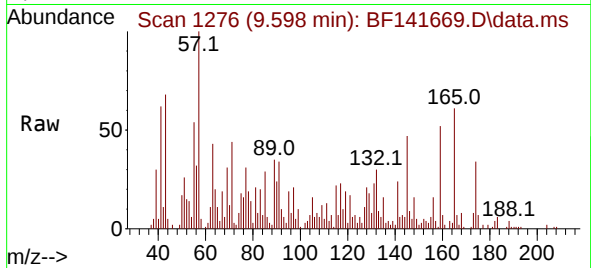




#51
2,6-Dinitrotoluene
Concen: 8.500 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

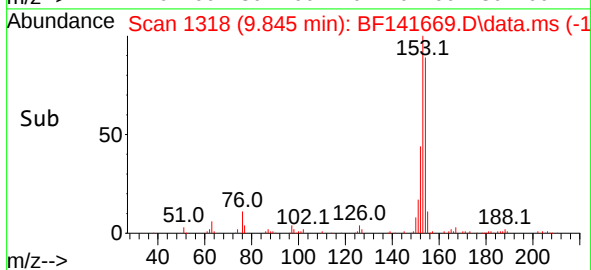
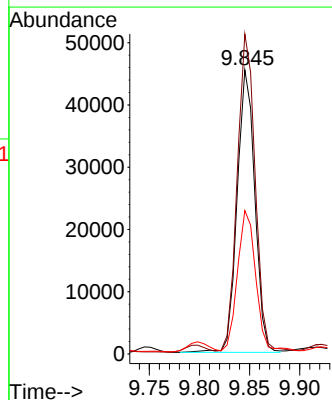
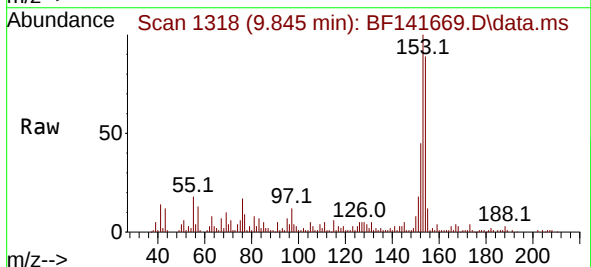
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

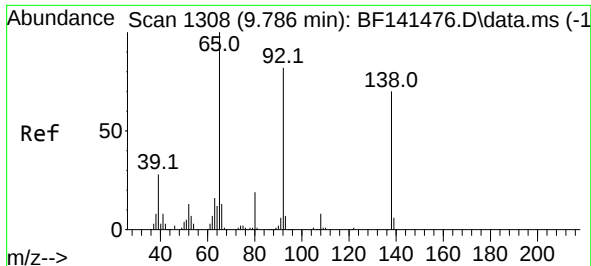
Tgt Ion:165 Resp: 14119
Ion Ratio Lower Upper
165 100
63 69.8 49.4 74.0
89 57.1 46.5 69.7



#52
Acenaphthene
Concen: 8.683 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:154 Resp: 55717
Ion Ratio Lower Upper
154 100
153 112.6 89.2 133.8
152 50.5 39.8 59.8

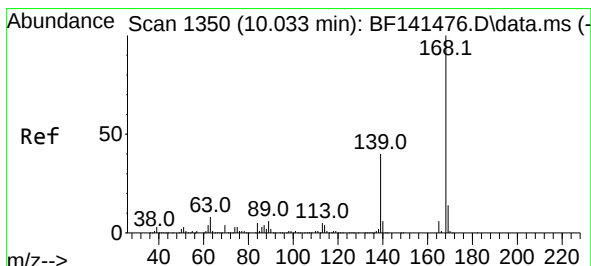
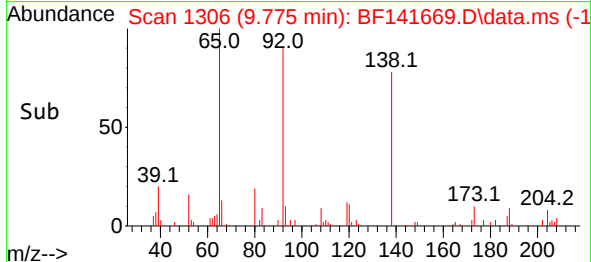
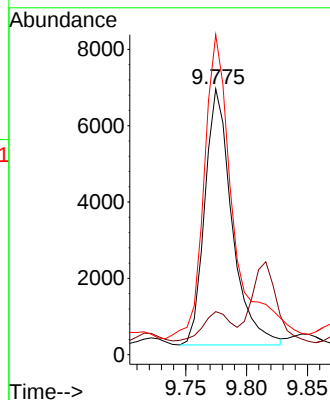
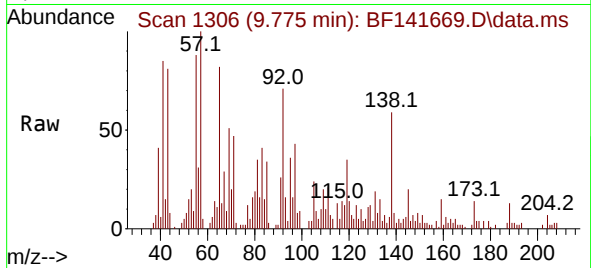




#53
3-Nitroaniline
Concen: 5.834 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

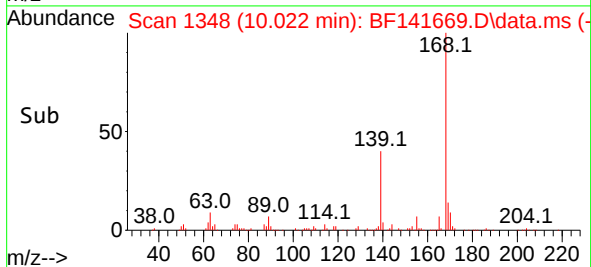
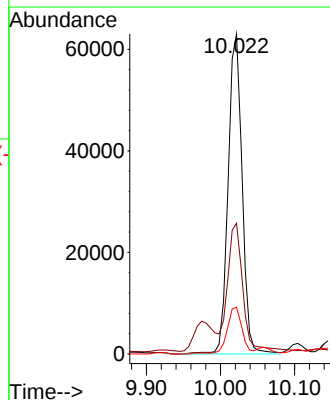
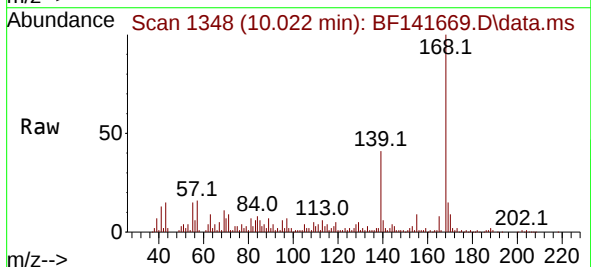
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

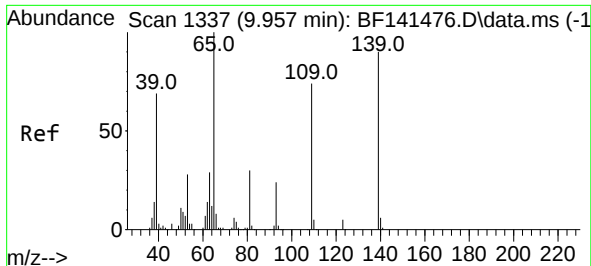
Tgt Ion:138 Resp: 10431
Ion Ratio Lower Upper
138 100
108 16.2 9.0 13.4#
92 120.4 93.7 140.5



#55
Dibenzofuran
Concen: 8.770 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:168 Resp: 82599
Ion Ratio Lower Upper
168 100
139 40.8 32.7 49.1
169 14.6 10.8 16.2

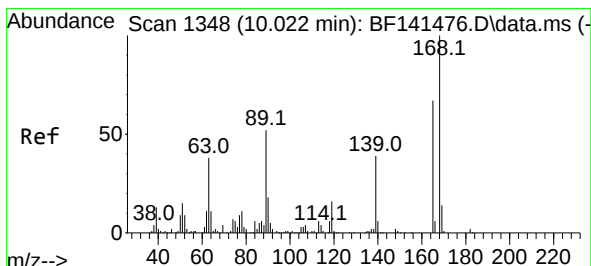
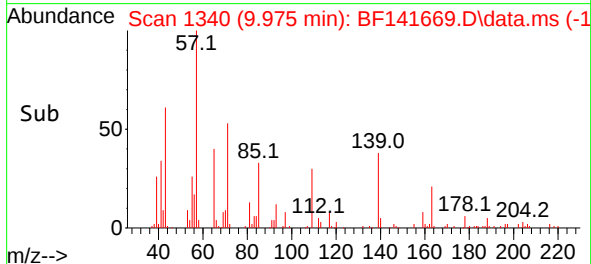
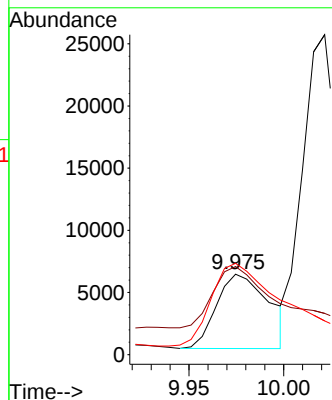
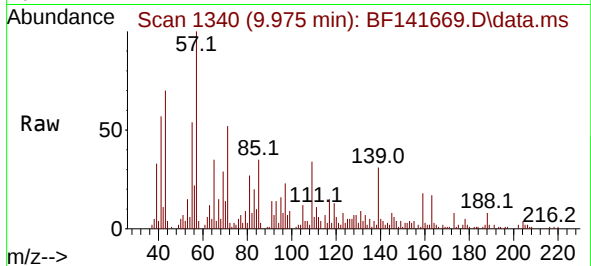




#56
4-Nitrophenol
Concen: 8.587 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

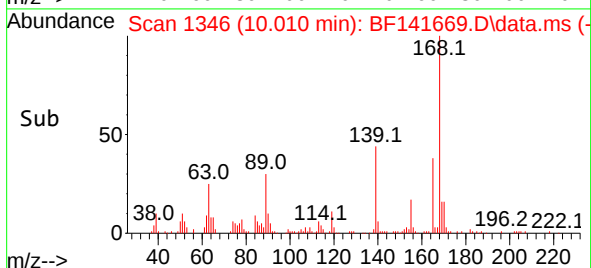
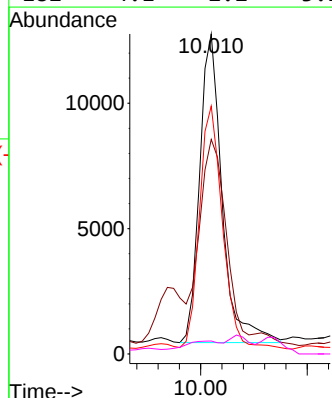
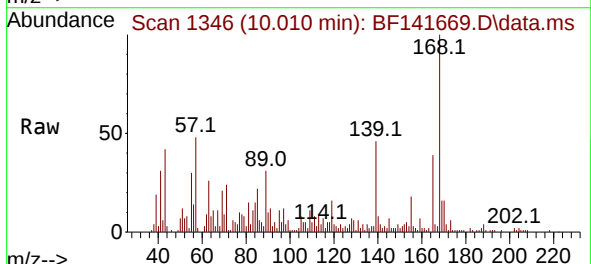
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

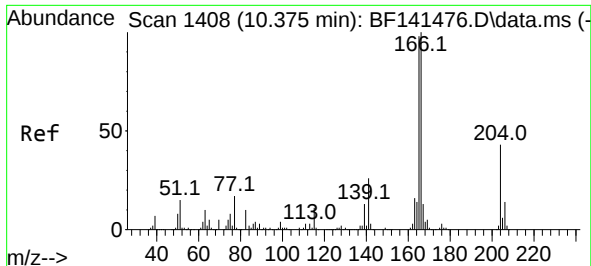
Tgt Ion:139 Resp: 11397
Ion Ratio Lower Upper
139 100
109 109.7 62.0 102.0#
65 113.7 91.2 131.2



#57
2,4-Dinitrotoluene
Concen: 8.154 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:165 Resp: 18032
Ion Ratio Lower Upper
165 100
63 67.0 46.4 69.6
89 77.5 61.8 92.6
182 4.1 2.2 3.2#

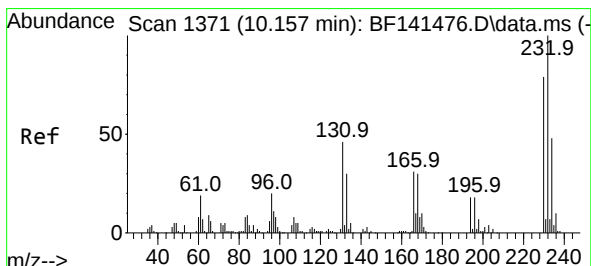
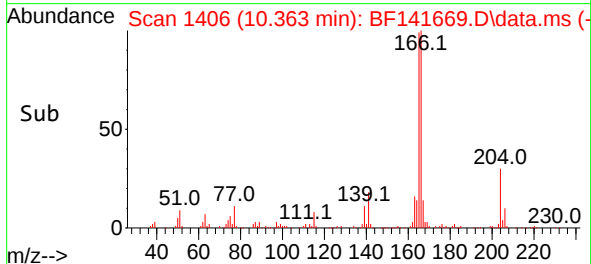
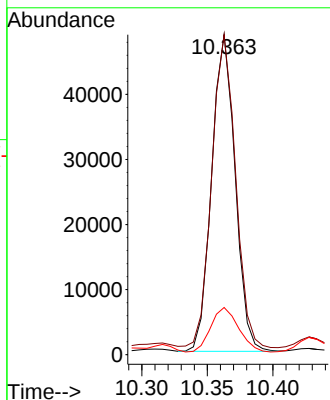
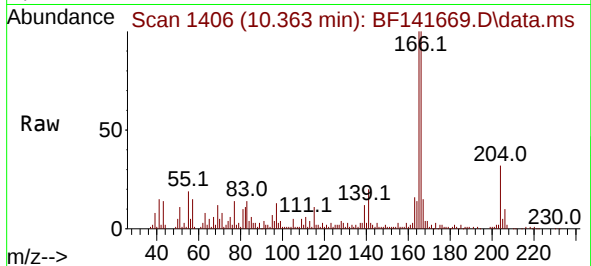




#58
Fluorene
Concen: 8.300 ng
RT: 10.363 min Scan# 1408
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

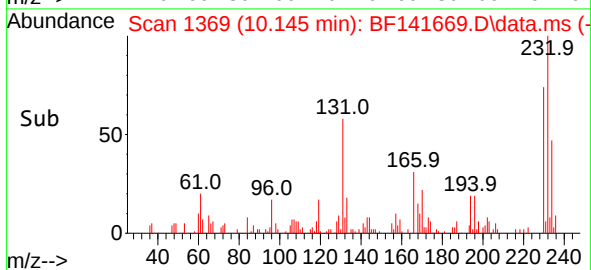
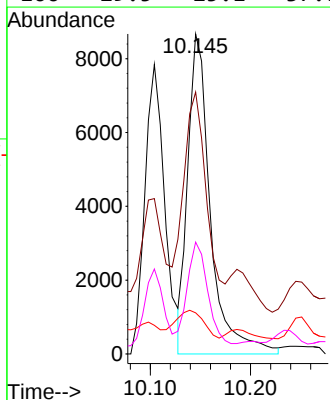
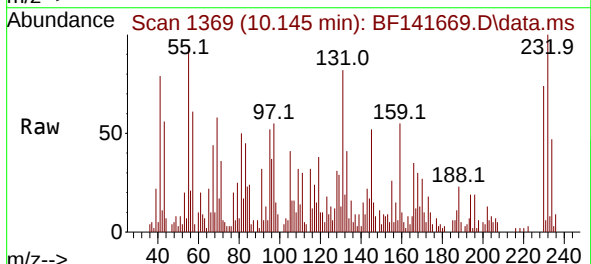
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

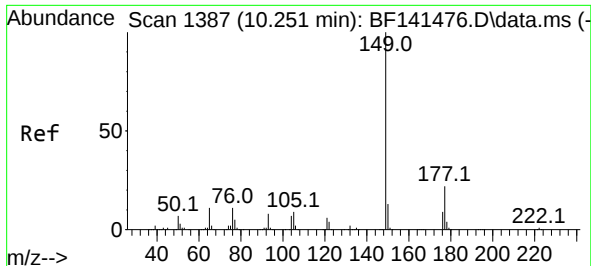
Tgt Ion:166 Resp: 60445
Ion Ratio Lower Upper
166 100
165 100.0 78.2 117.2
167 14.7 10.7 16.1



#59
2,3,4,6-Tetrachlorophenol
Concen: 6.972 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:232 Resp: 13616
Ion Ratio Lower Upper
232 100
131 67.3 39.2 58.8#
130 10.8 2.1 3.1#
166 29.5 25.1 37.7

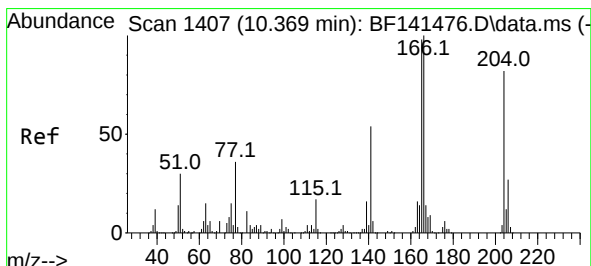
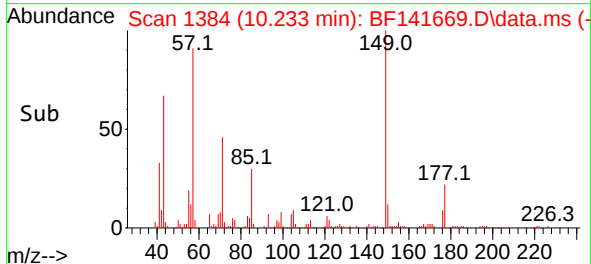
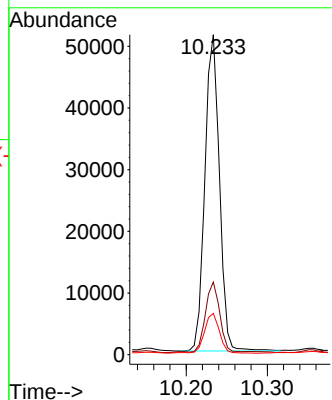
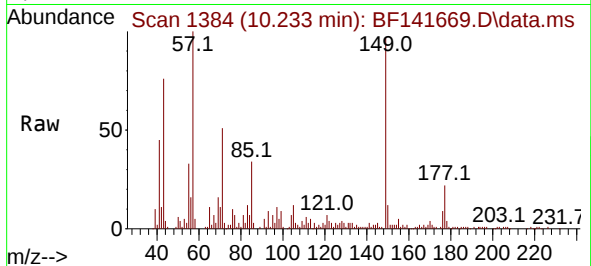




#60
Diethylphthalate
Concen: 8.533 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

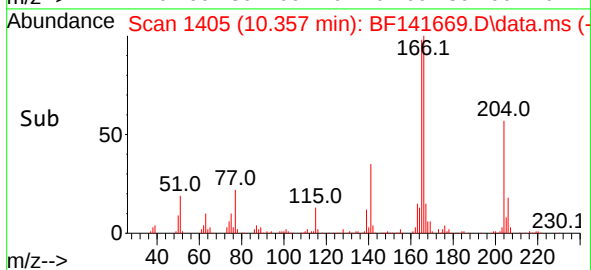
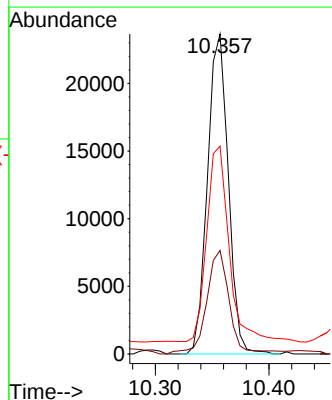
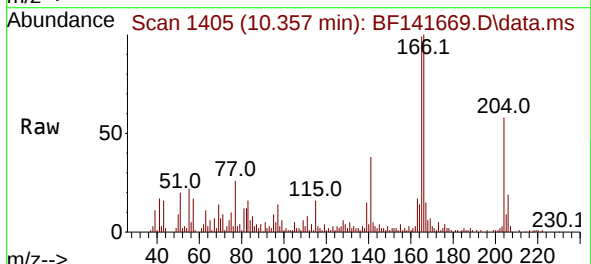
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

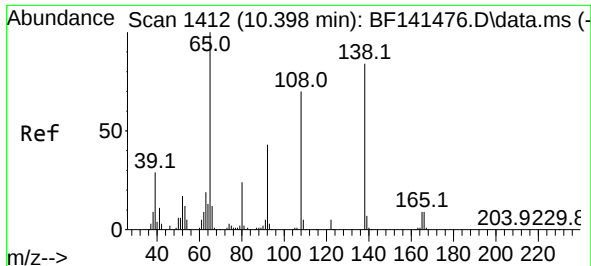
Tgt Ion:149 Resp: 63792
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.9 10.1 15.1



#61
4-Chlorophenyl-phenylether
Concen: 8.574 ng
RT: 10.357 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:204 Resp: 30040
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 65.0 51.9 77.9

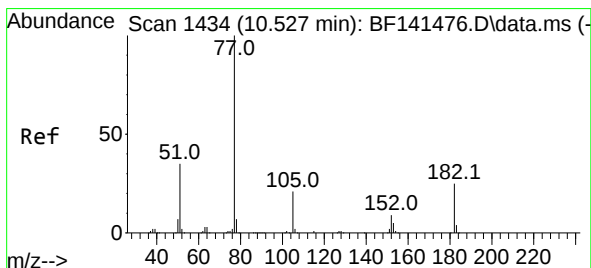
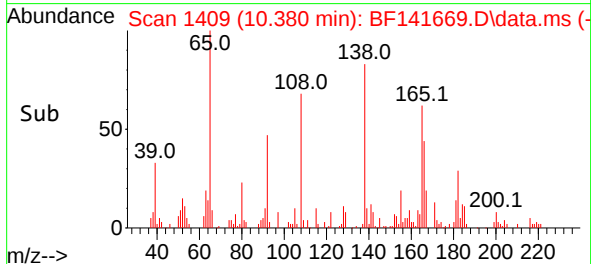
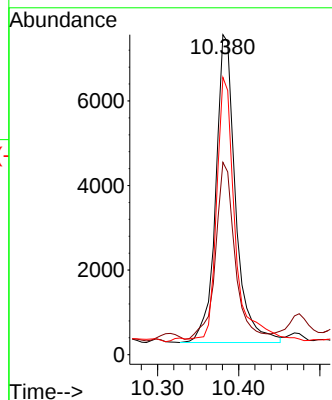
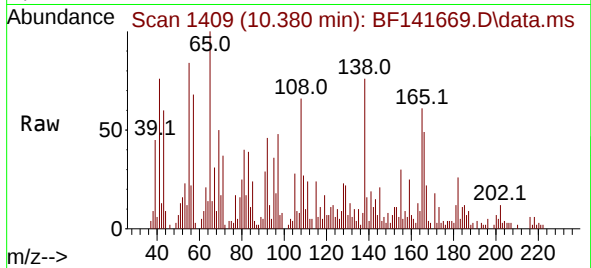




#62
4-Nitroaniline
Concen: 6.817 ng
RT: 10.380 min Scan# 1412
Delta R.T. -0.035 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

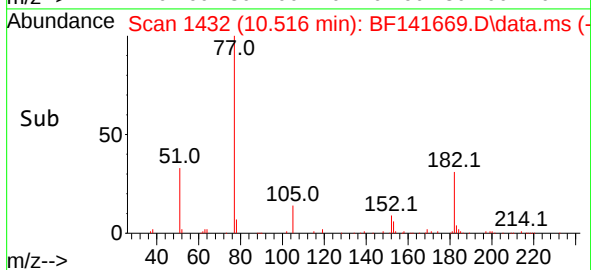
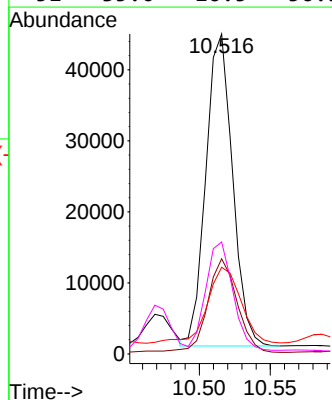
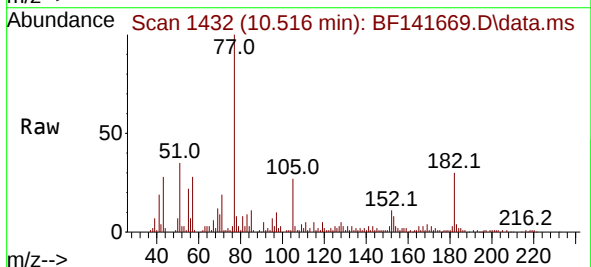
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

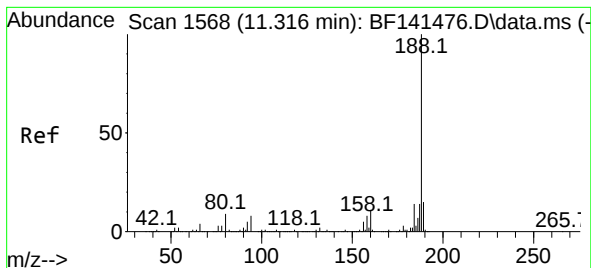
Tgt Ion:	138	Resp:	12375
Ion Ratio	Lower	Upper	
138	100		
92	60.1	31.3	71.3
108	86.6	63.7	103.7



#63
Azobenzene
Concen: 7.717 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	77	Resp:	57356
Ion Ratio	Lower	Upper	
77	100		
182	29.8	4.7	44.7
105	27.1	0.4	40.4
51	35.0	16.5	56.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

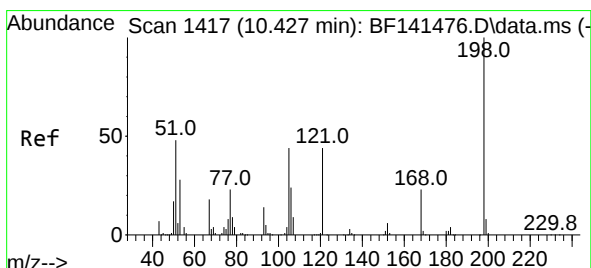
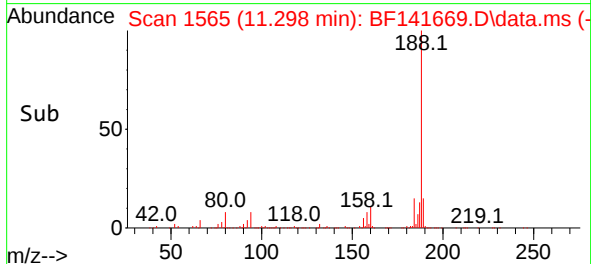
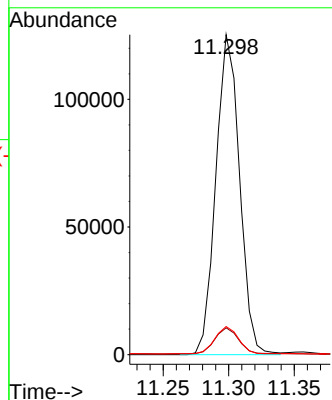
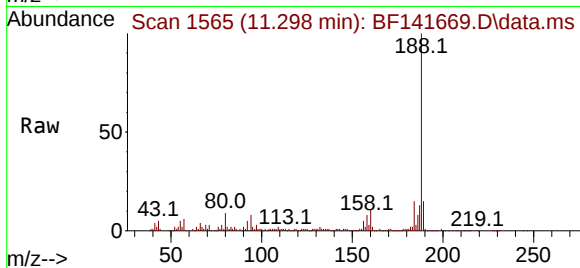
Tgt Ion:188 Resp: 157452

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 8.8 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 2.153 ng

RT: 10.422 min Scan# 1416

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

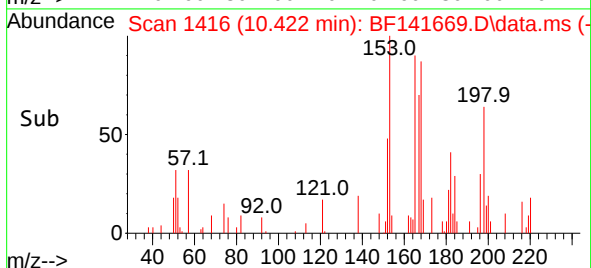
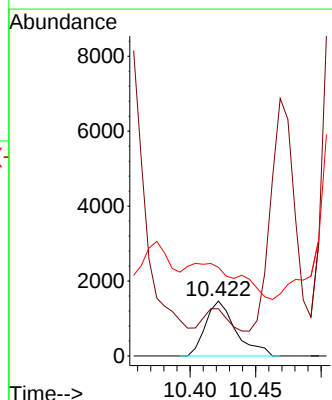
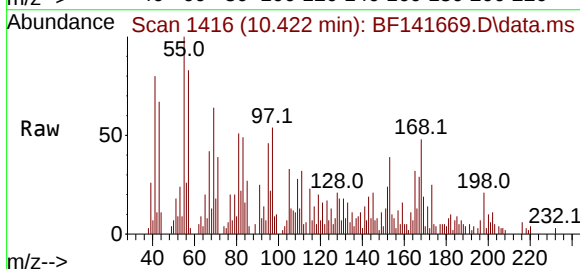
Tgt Ion:198 Resp: 2355

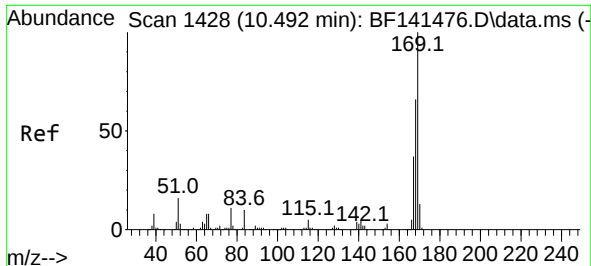
Ion Ratio Lower Upper

198 100

51 85.9 37.4 77.4#

105 161.3 25.2 65.2#

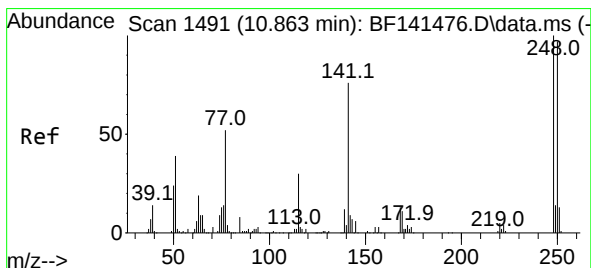
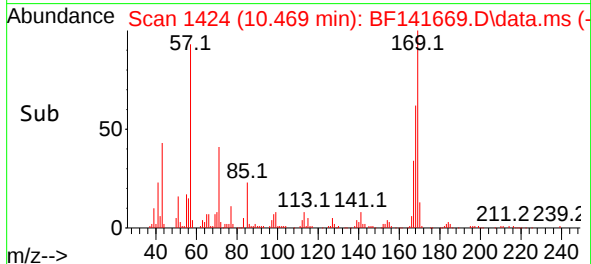
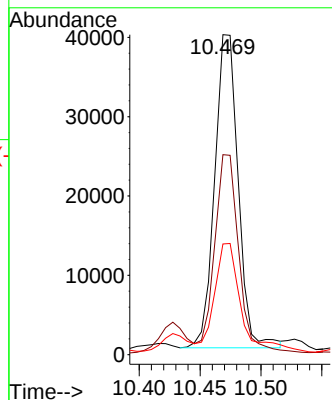
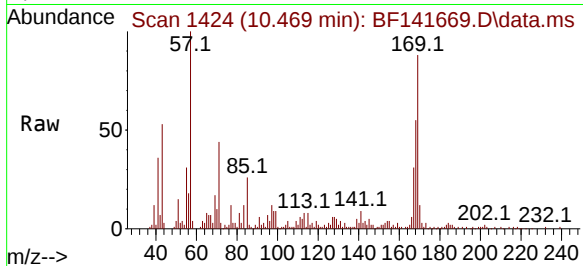




#66
n-Nitrosodiphenylamine
Concen: 10.551 ng
RT: 10.469 min Scan# 1428
Delta R.T. -0.029 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

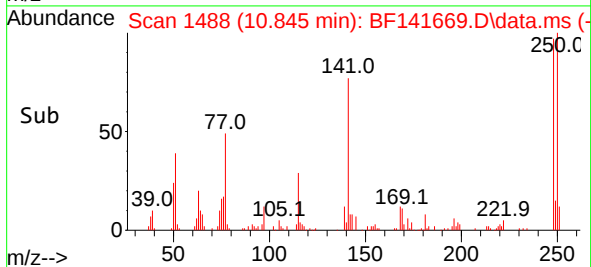
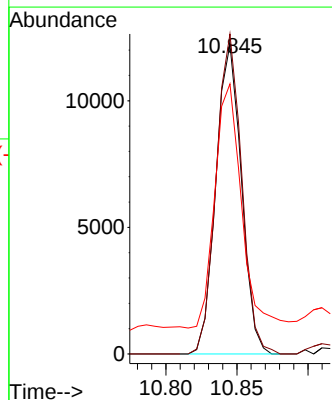
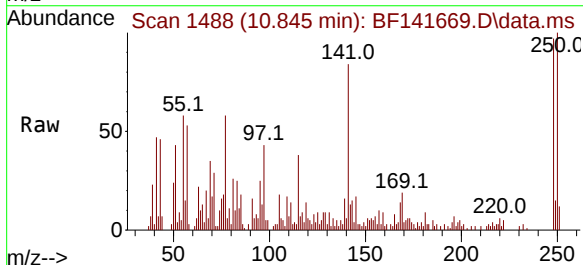
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

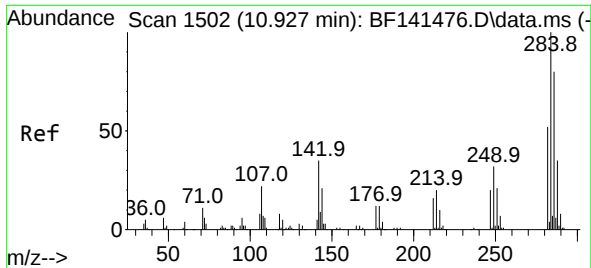
Tgt Ion:169	Resp:	53181
Ion Ratio	Lower	Upper
169	100	
168	62.5	53.3 79.9
167	34.6	29.4 44.2



#67
4-Bromophenyl-phenylether
Concen: 8.636 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:248	Resp:	15197
Ion Ratio	Lower	Upper
248	100	
250	103.3	77.8 116.6
141	87.2	60.6 90.8

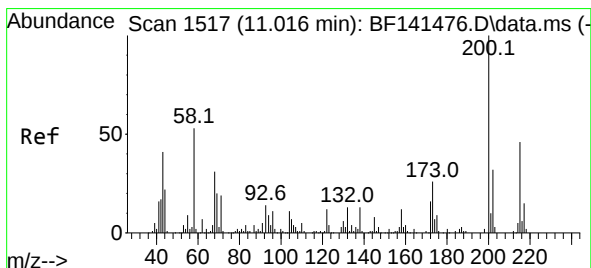
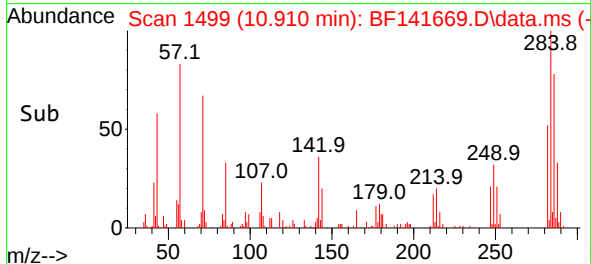
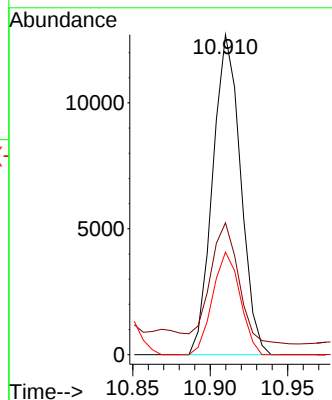
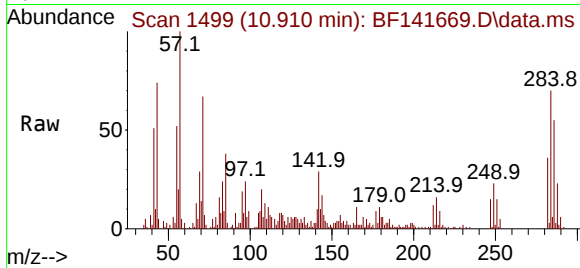




#68
Hexachlorobenzene
Concen: 8.771 ng
RT: 10.910 min Scan# 14
Delta R.T. -0.018 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

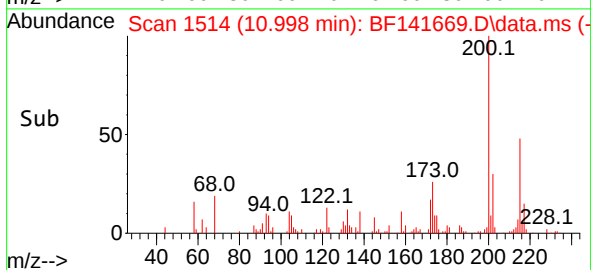
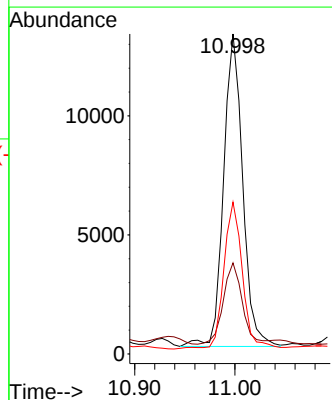
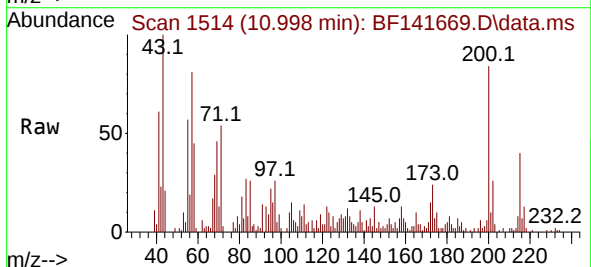
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

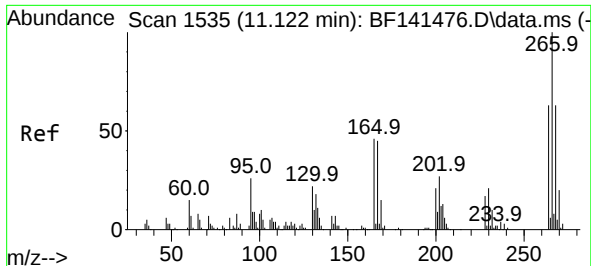
Tgt Ion:284 Resp: 15894
Ion Ratio Lower Upper
284 100
142 41.2 28.0 42.0
249 32.0 25.8 38.8



#69
Atrazine
Concen: 11.482 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:200 Resp: 17361
Ion Ratio Lower Upper
200 100
173 28.5 5.9 45.9
215 47.5 25.9 65.9

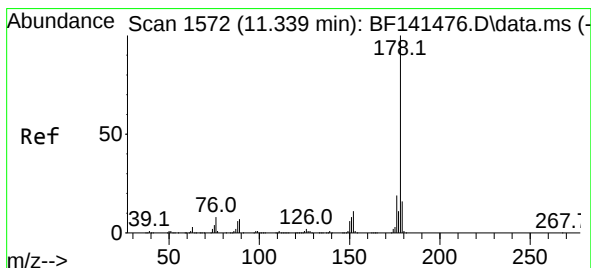
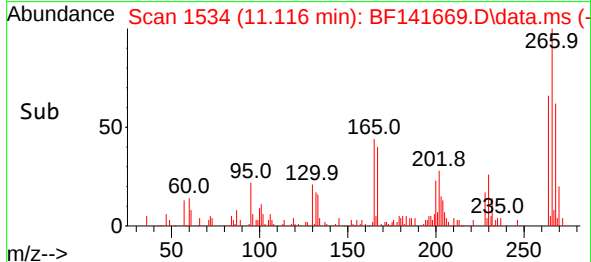
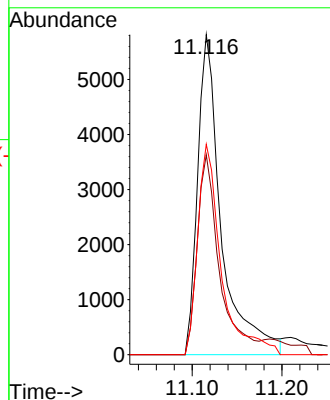
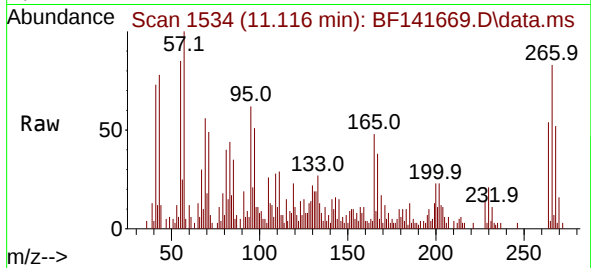




#70
 Pentachlorophenol
 Concen: 9.243 ng
 RT: 11.116 min Scan# 1534
 Delta R.T. -0.012 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

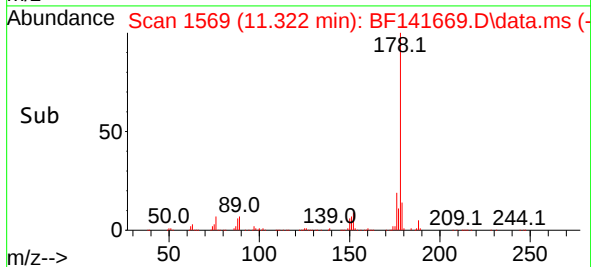
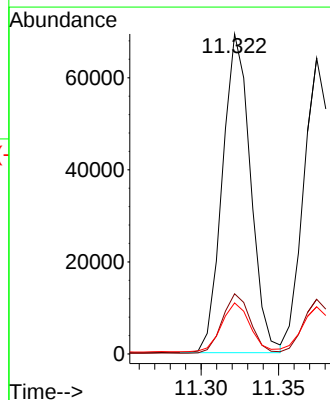
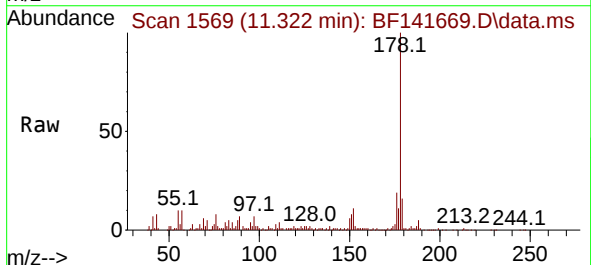
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MSD

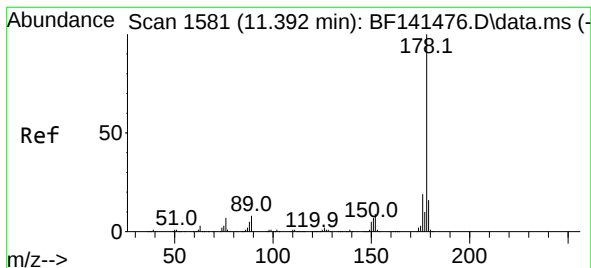
Tgt Ion:266 Resp: 10710
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.1 75.1
 264 65.8 50.1 75.1



#71
 Phenanthrene
 Concen: 10.073 ng
 RT: 11.322 min Scan# 1569
 Delta R.T. -0.023 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

Tgt Ion:178 Resp: 87302
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 16.0 12.4 18.6





#72

Anthracene

Concen: 9.432 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.023 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

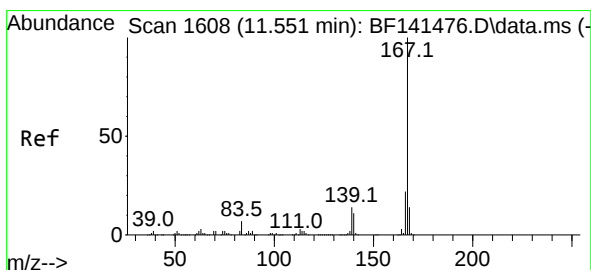
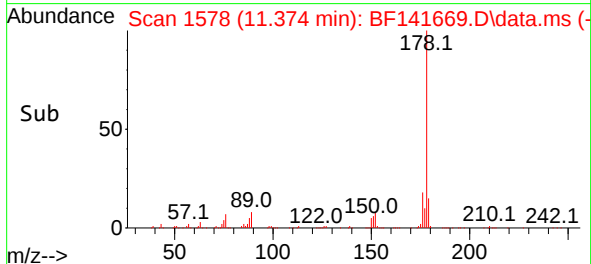
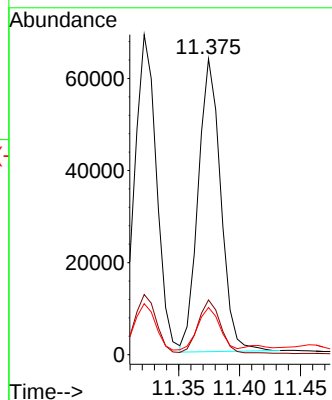
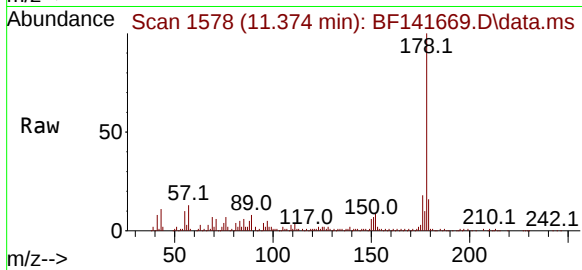
Tgt Ion:178 Resp: 82172

Ion Ratio Lower Upper

178 100

176 18.5 14.8 22.2

179 15.9 12.4 18.6



#73

Carbazole

Concen: 8.956 ng

RT: 11.533 min Scan# 1605

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

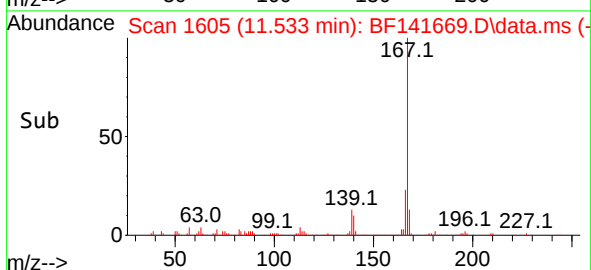
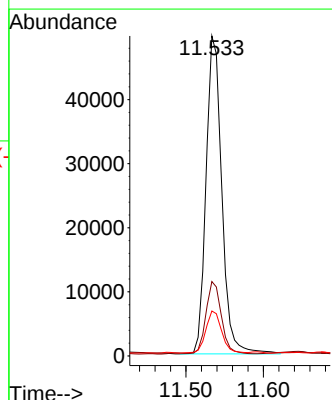
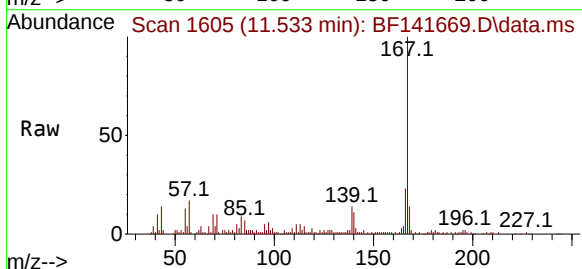
Tgt Ion:167 Resp: 70206

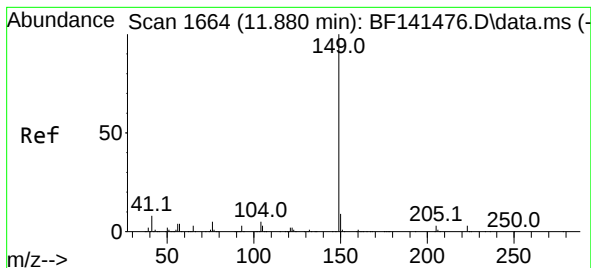
Ion Ratio Lower Upper

167 100

166 23.2 17.4 26.2

139 14.1 10.9 16.3





#74

Di-n-butylphthalate

Concen: 8.467 ng

RT: 11.863 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

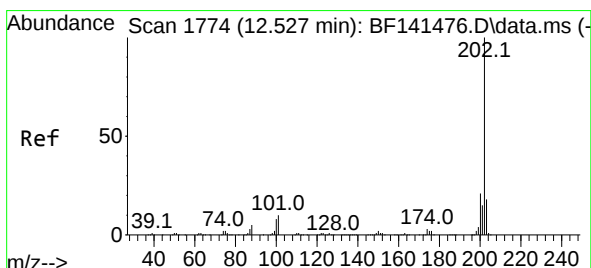
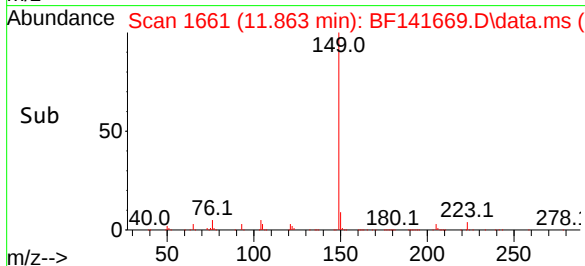
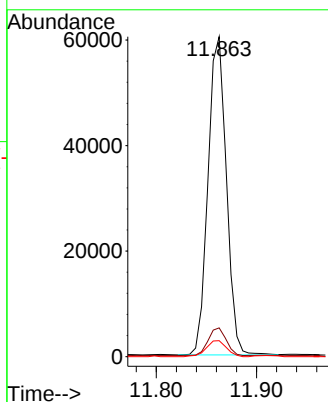
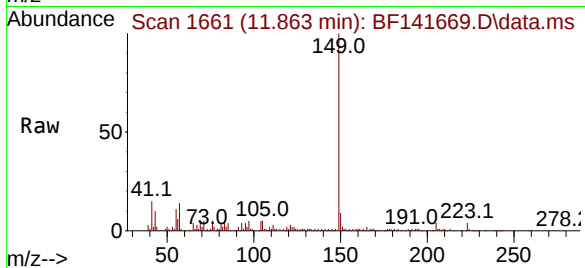
Tgt Ion:149 Resp: 76638

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

104 5.0 4.2 6.2



#75

Fluoranthene

Concen: 11.125 ng

RT: 12.510 min Scan# 1771

Delta R.T. -0.023 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

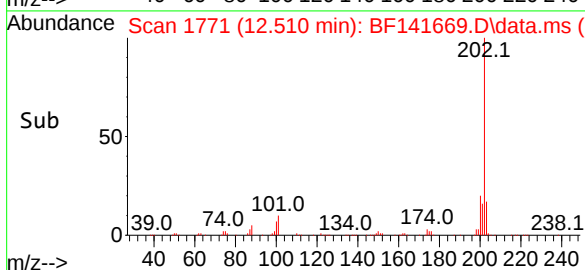
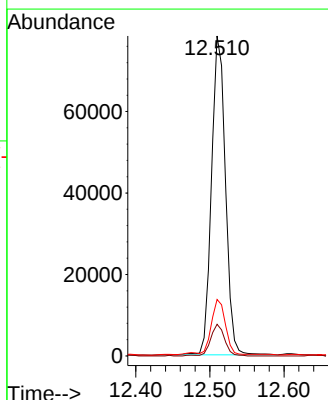
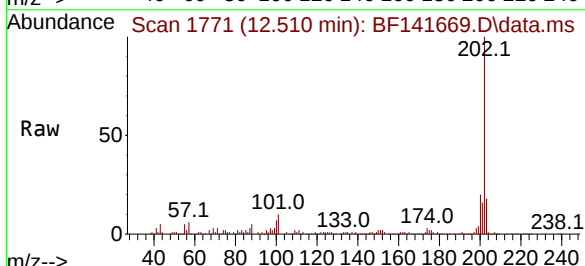
Tgt Ion:202 Resp: 102228

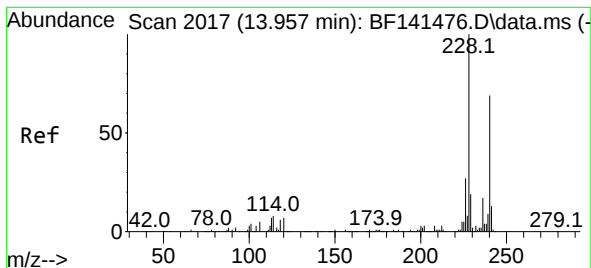
Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

203 17.7 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141669.D

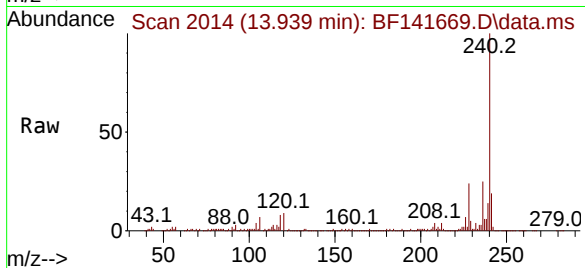
Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD



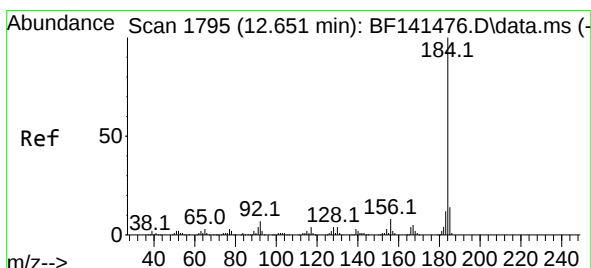
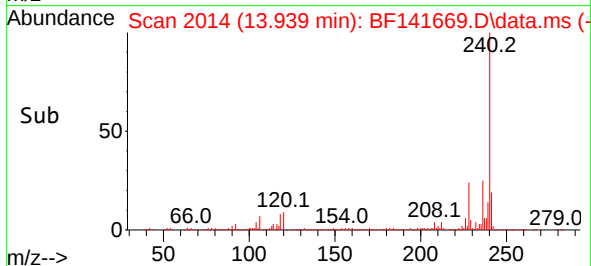
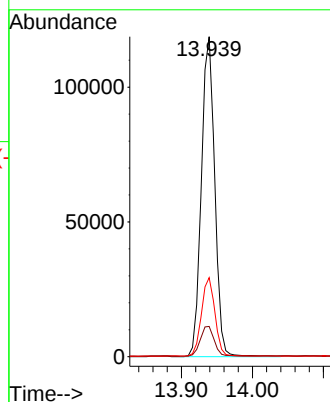
Tgt Ion:240 Resp: 156227

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 24.7 19.8 29.8



#77

Benzidine

Concen: 9.167 ng

RT: 12.645 min Scan# 1794

Delta R.T. -0.012 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

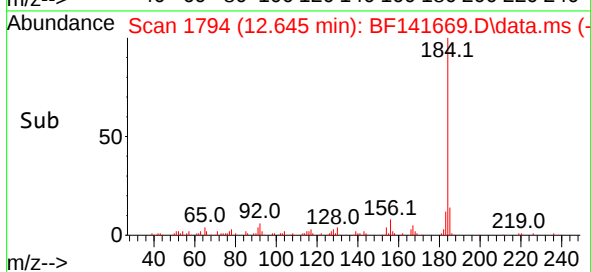
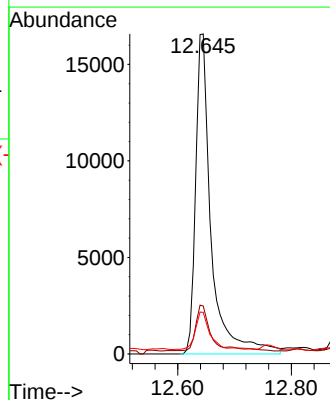
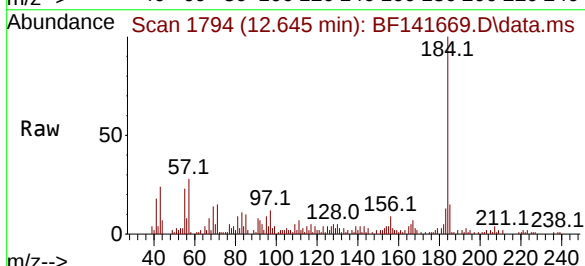
Tgt Ion:184 Resp: 31586

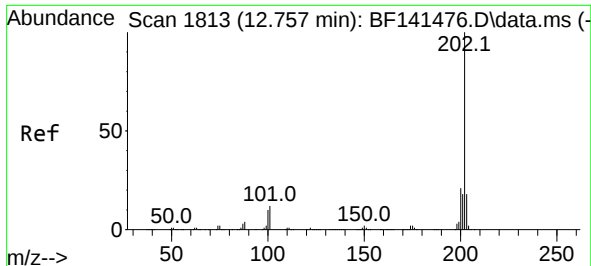
Ion Ratio Lower Upper

184 100

185 15.0 11.3 16.9

183 13.0 9.3 13.9

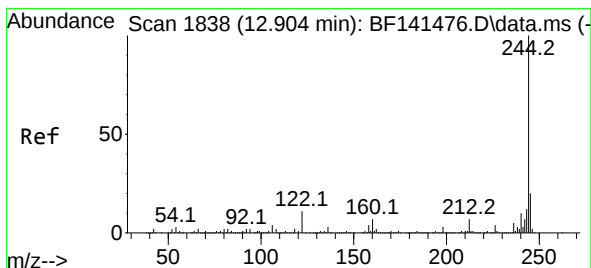
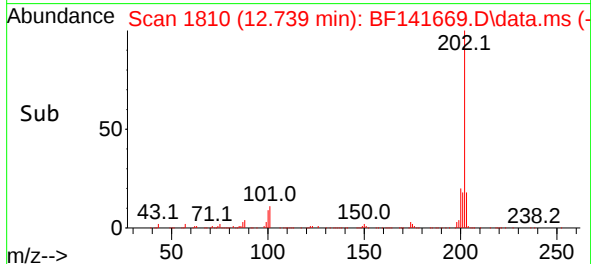
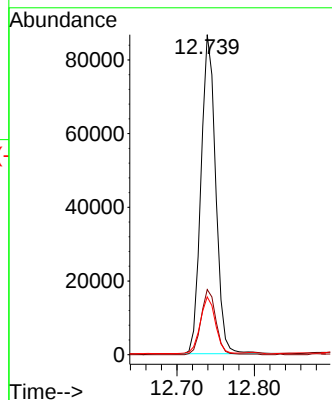
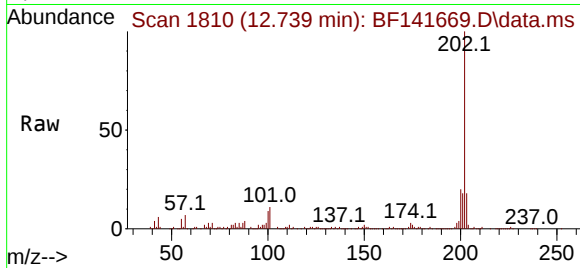




#78
Pyrene
Concen: 8.568 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

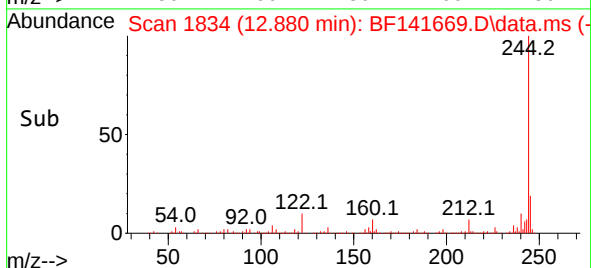
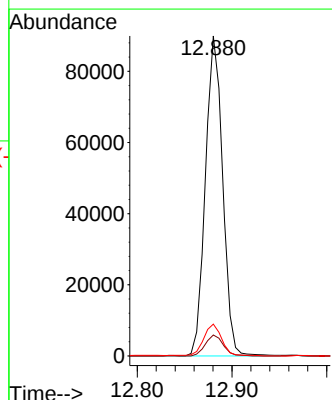
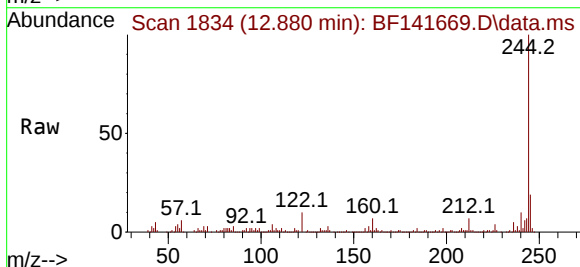
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

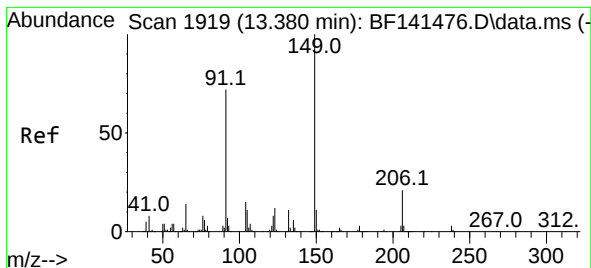
Tgt Ion:202 Resp: 113942
Ion Ratio Lower Upper
202 100
200 20.4 17.0 25.4
203 18.0 14.3 21.5



#79
Terphenyl-d14
Concen: 12.283 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:244 Resp: 113668
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 9.9 8.4 12.6

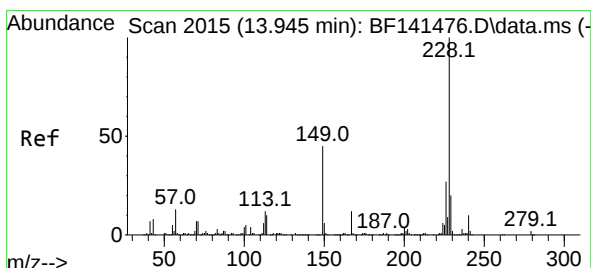
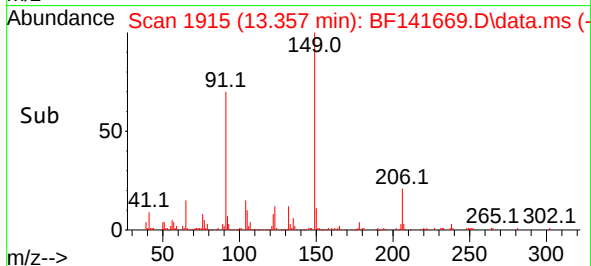
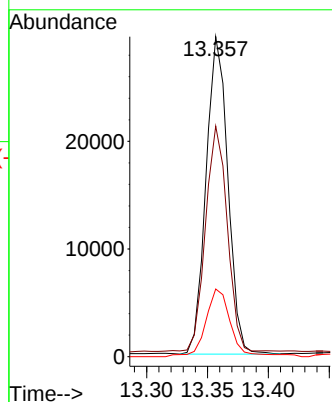
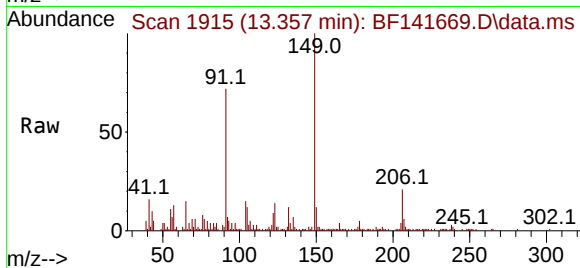




#80
Butylbenzylphthalate
Concen: 7.995 ng
RT: 13.357 min Scan# 1915
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

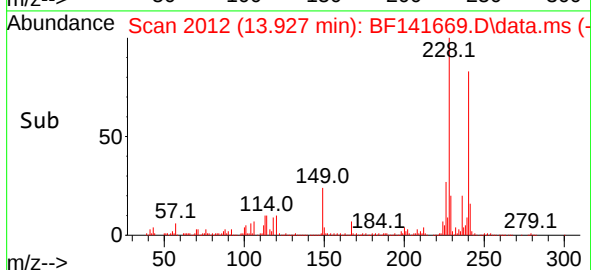
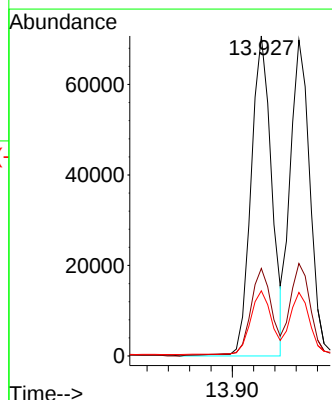
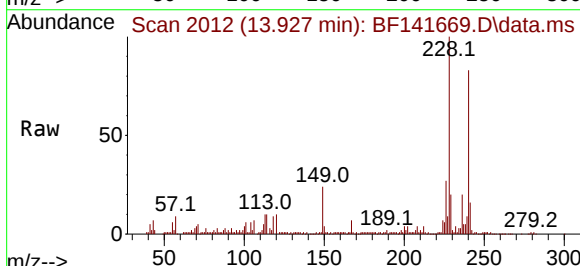
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

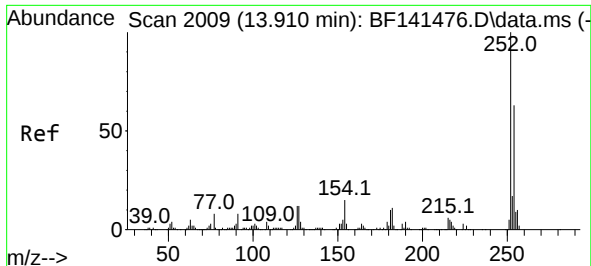
Tgt Ion:	149	Resp:	36830
Ion Ratio	Lower	Upper	
149	100		
91	72.0	57.8	86.8
206	21.1	16.7	25.1



#81
Benzo(a)anthracene
Concen: 9.156 ng
RT: 13.927 min Scan# 2012
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:	228	Resp:	95084
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.8
229	20.4	15.8	23.6

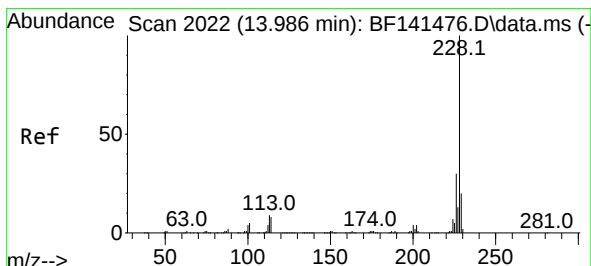
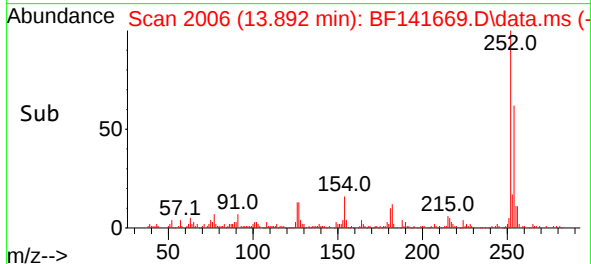
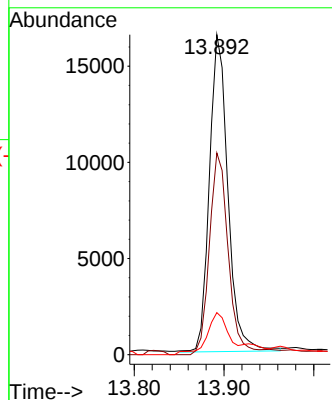
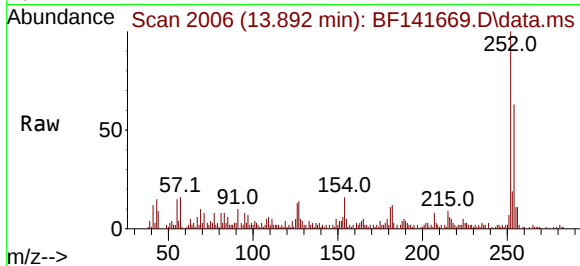




#82
3,3'-Dichlorobenzidine
Concen: 7.919 ng
RT: 13.892 min Scan# 2018
Delta R.T. -0.023 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

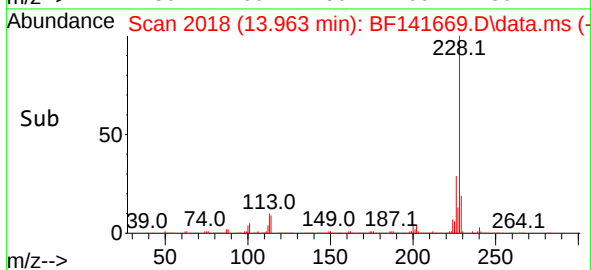
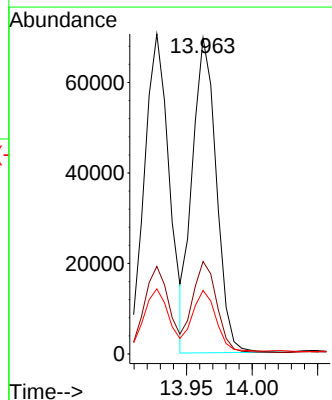
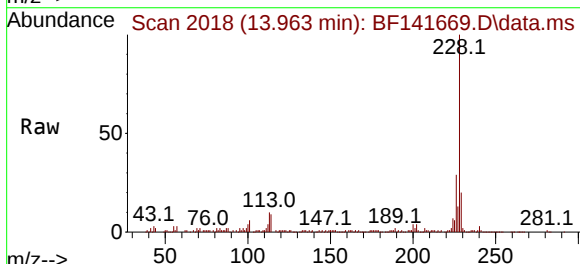
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

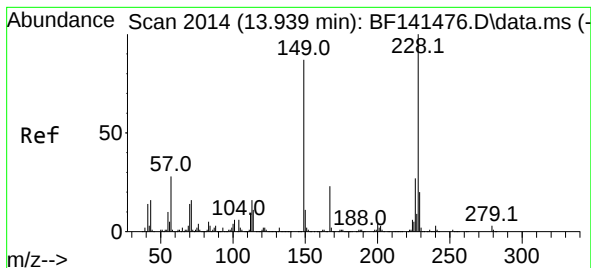
Tgt Ion:252 Resp: 23559
Ion Ratio Lower Upper
252 100
254 63.1 50.6 76.0
126 13.1 9.3 13.9



#83
Chrysene
Concen: 9.247 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.029 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:228 Resp: 88665
Ion Ratio Lower Upper
228 100
226 29.3 24.0 36.0
229 20.1 15.7 23.5

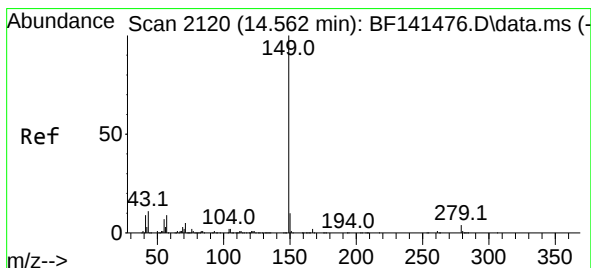
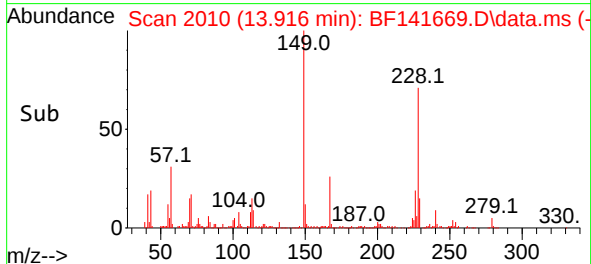
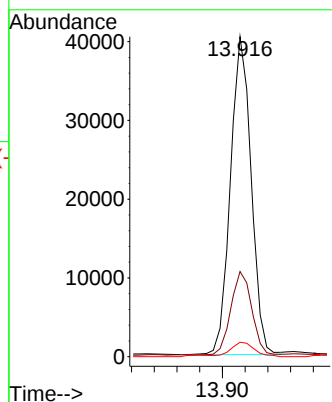
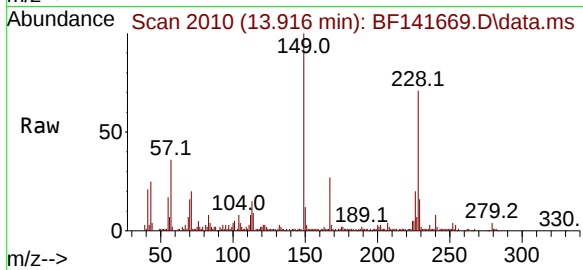




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.834 ng
 RT: 13.916 min Scan# 2010
 Delta R.T. -0.023 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

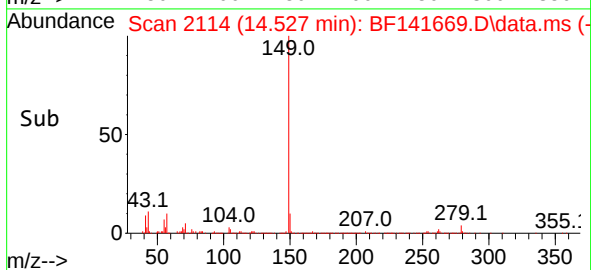
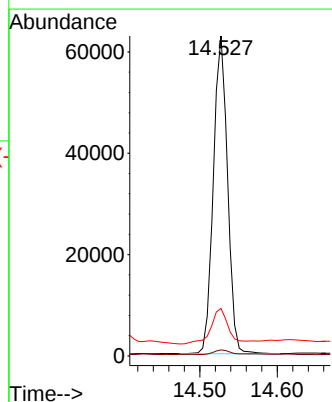
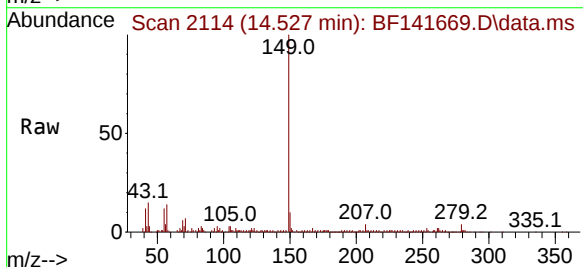
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-02142025MSD

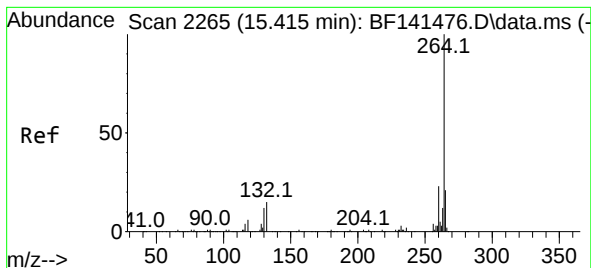
Tgt Ion:149 Resp: 51089
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.4 32.0
 279 4.5 3.1 4.7



#85
 Di-n-octyl phthalate
 Concen: 10.750 ng
 RT: 14.527 min Scan# 2114
 Delta R.T. -0.035 min
 Lab File: BF141669.D
 Acq: 18 Feb 2025 18:58

Tgt Ion:149 Resp: 79677
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 13.5 9.5 14.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.380 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

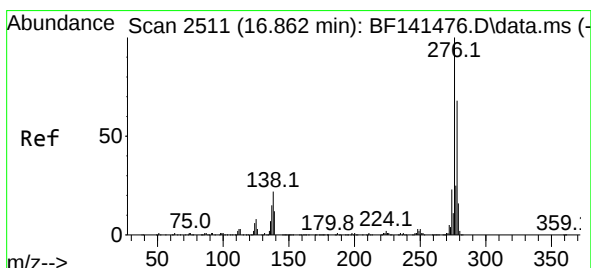
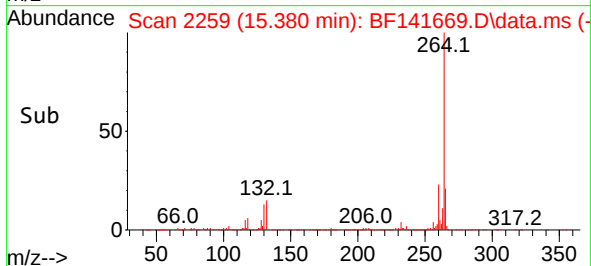
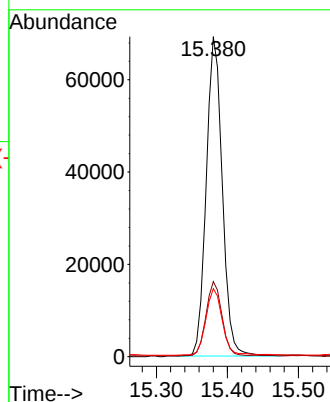
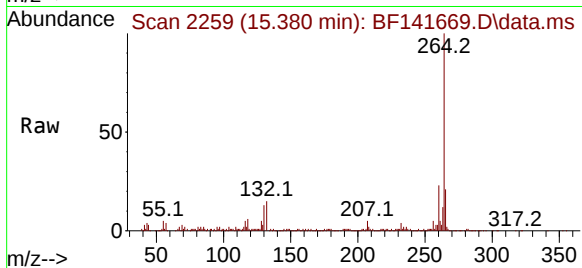
Tgt Ion:264 Resp: 108955

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.3 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 7.844 ng

RT: 16.809 min Scan# 2502

Delta R.T. -0.065 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

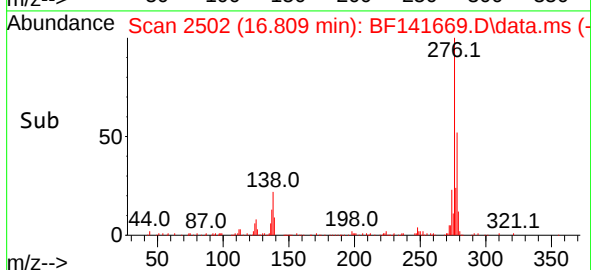
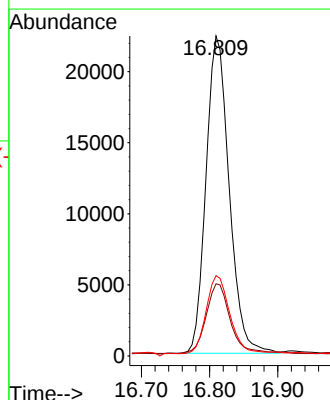
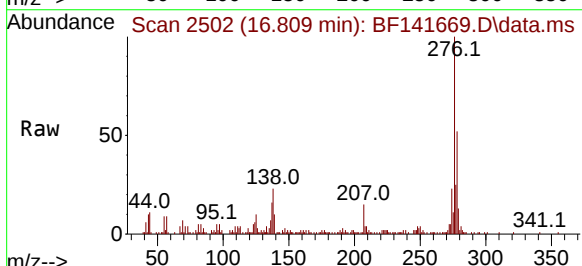
Tgt Ion:276 Resp: 52805

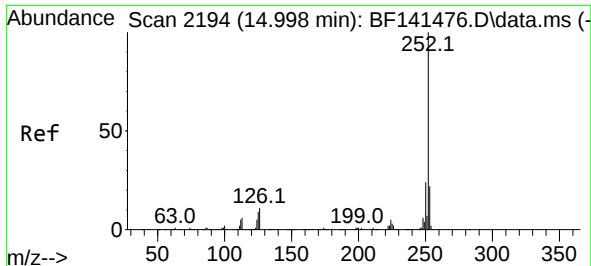
Ion Ratio Lower Upper

276 100

138 22.9 18.0 27.0

277 25.5 20.4 30.6

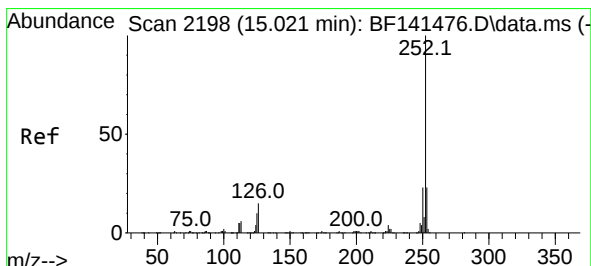
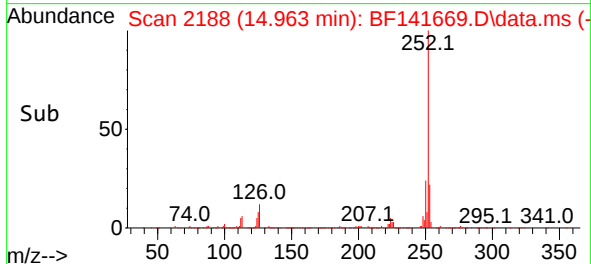
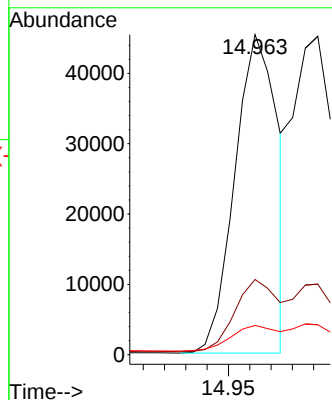
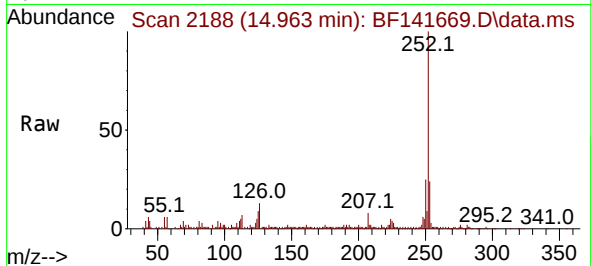




#88
Benzo(b)fluoranthene
Concen: 8.650 ng
RT: 14.963 min Scan# 2118
Delta R.T. -0.041 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

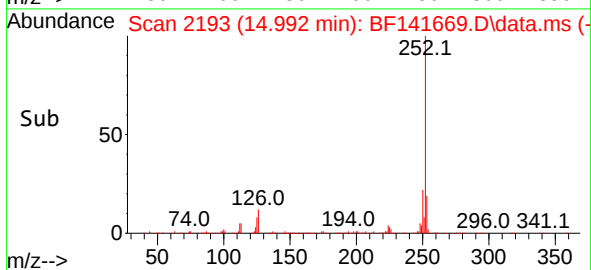
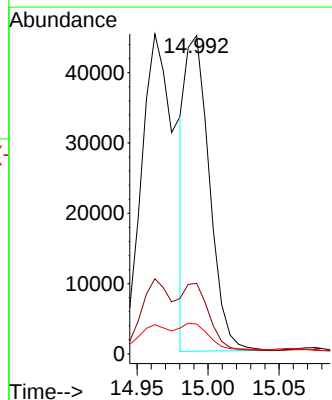
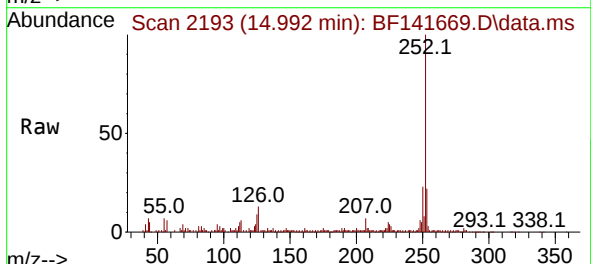
Instrument :
BNA_F
ClientSampleId :
TR-05-02142025MSD

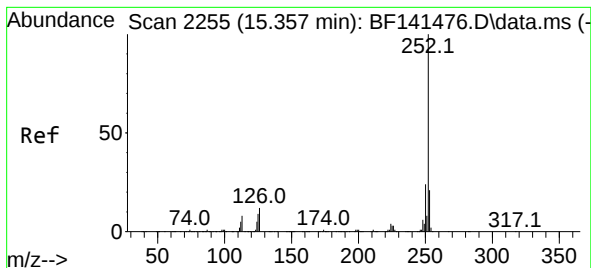
Tgt Ion:252 Resp: 63280
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 9.2 7.0 10.6



#89
Benzo(k)fluoranthene
Concen: 8.419 ng
RT: 14.992 min Scan# 2193
Delta R.T. -0.041 min
Lab File: BF141669.D
Acq: 18 Feb 2025 18:58

Tgt Ion:252 Resp: 52595
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.4 7.4 11.0





#90

Benzo(a)pyrene

Concen: 9.693 ng

RT: 15.321 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD

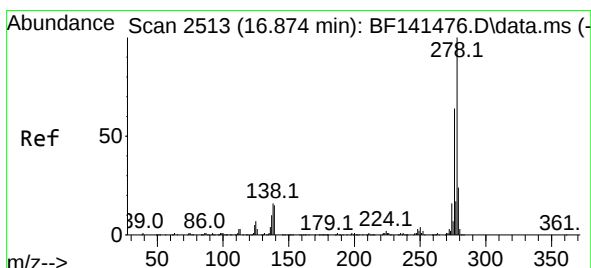
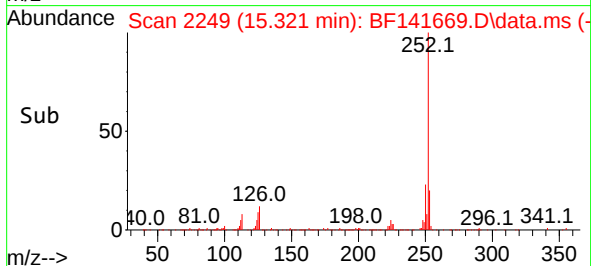
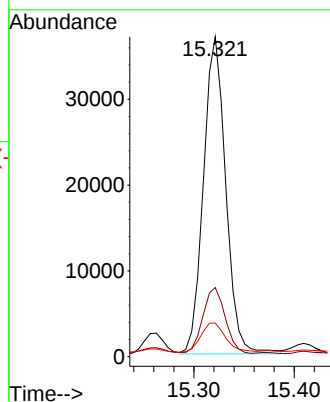
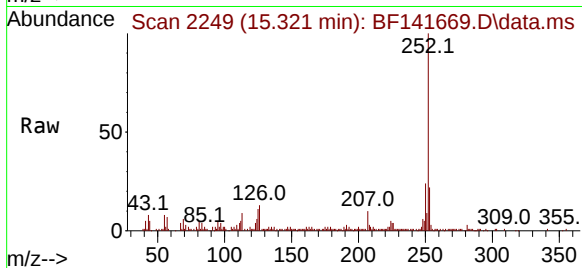
Tgt Ion:252 Resp: 57380

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

125 10.5 7.4 11.2



#91

Dibenzo(a,h)anthracene

Concen: 7.857 ng

RT: 16.821 min Scan# 2504

Delta R.T. -0.070 min

Lab File: BF141669.D

Acq: 18 Feb 2025 18:58

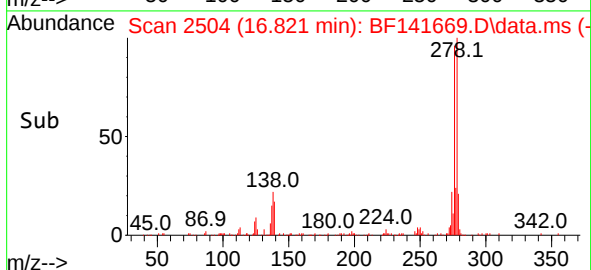
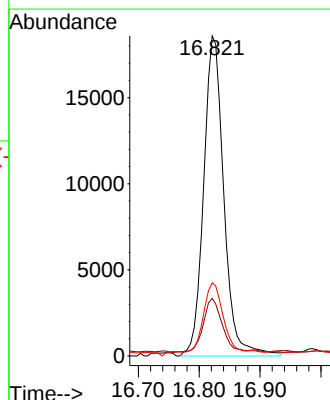
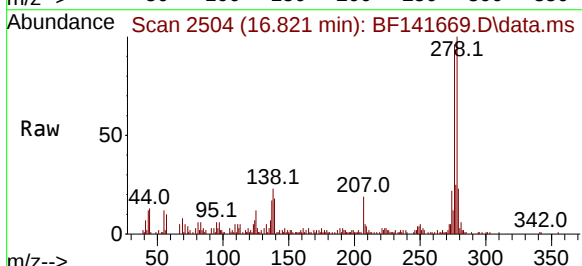
Tgt Ion:278 Resp: 42862

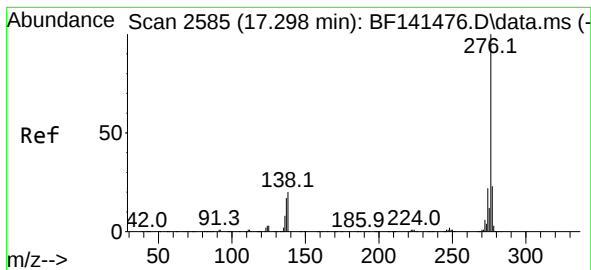
Ion Ratio Lower Upper

278 100

139 18.0 11.8 17.6#

279 22.9 19.1 28.7





#92

Benzo(g,h,i)perylene

Concen: 7.636 ng

RT: 17.239 min Scan# 21

Delta R.T. -0.076 min

Lab File: BF141669.D

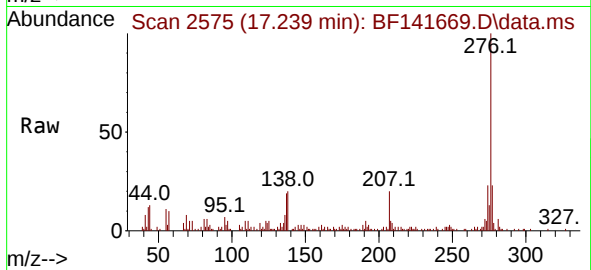
Acq: 18 Feb 2025 18:58

Instrument :

BNA_F

ClientSampleId :

TR-05-02142025MSD



Tgt Ion:276 Resp: 43590

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 19.9 15.9 23.9

