

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141340.D
 Acq On : 31 Jan 2025 19:11
 Operator : RC/JU
 Sample : Q1218-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

Quant Time: Jan 31 22:30:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	142670	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	521314	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	271292	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	395783	20.000	ng	0.00
76) Chrysene-d12	13.968	240	279691	20.000	ng	0.00
86) Perylene-d12	15.421	264	312761	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1150056	123.752	ng	0.02
7) Phenol-d6	6.445	99	1390165	117.589	ng	0.00
23) Nitrobenzene-d5	7.369	82	884339	89.426	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	297928	119.788	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1509903	85.665	ng	0.00
79) Terphenyl-d14	12.910	244	1237686	68.245	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	352673	86.289	ng	# 58
3) Pyridine	3.451	79	219631	22.303	ng	100
4) n-Nitrosodimethylamine	3.363	42	217752	38.708	ng	98
6) Aniline	6.475	93	182356	18.222	ng	# 30
8) 2-Chlorophenol	6.592	128	416608	41.825	ng	97
9) Benzaldehyde	6.351	77	159468	23.287	ng	98
10) Phenol	6.463	94	482481	38.500	ng	91
11) bis(2-Chloroethyl)ether	6.539	93	414301	43.116	ng	97
12) 1,3-Dichlorobenzene	6.739	146	394998	35.965	ng	100
13) 1,4-Dichlorobenzene	6.822	146	401367	36.378	ng	99
14) 1,2-Dichlorobenzene	6.969	146	375771	36.372	ng	99
15) Benzyl Alcohol	6.957	79	350399	43.371	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	665073	39.803	ng	70
17) 2-Methylphenol	7.063	107	325000	40.146	ng	96
18) Hexachloroethane	7.316	117	155805	38.279	ng	96
19) n-Nitroso-di-n-propyla...	7.222	70	282862	40.266	ng	97
20) 3+4-Methylphenols	7.216	107	397542	39.995	ng	# 89
22) Acetophenone	7.210	105	593012	47.856	ng	# 97
24) Nitrobenzene	7.386	77	469271	45.791	ng	99
25) Isophorone	7.628	82	693973	40.597	ng	99
26) 2-Nitrophenol	7.698	139	181160	37.483	ng	93
27) 2,4-Dimethylphenol	7.745	122	259851	42.240	ng	99
28) bis(2-Chloroethoxy)met...	7.833	93	354422	32.505	ng	98
29) 2,4-Dichlorophenol	7.945	162	216861	28.795	ng	94
30) 1,2,4-Trichlorobenzene	8.022	180	334708	38.916	ng	99
31) Naphthalene	8.104	128	1055072	38.311	ng	100
32) Benzoic acid	7.745	122	259763	45.933	ng	# 15
33) 4-Chloroaniline	8.175	127	57726	6.181	ng	# 14
34) Hexachlorobutadiene	8.222	225	163478	32.412	ng	99
35) Caprolactam	8.728	113	100725	40.952	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	349171	43.224	ng	97
37) 2-Methylnaphthalene	8.798	142	714422	40.815	ng	99
38) 1-Methylnaphthalene	8.898	142	697402	40.561	ng	100
40) 1,2,4,5-Tetrachloroben...	8.963	216	368448	47.739	ng	98
41) Hexachlorocyclopentadiene	8.951	237	423151	185.647	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	227525	45.039	ng	99

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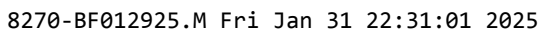
Instrument :
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Quant Time: Jan 31 22:30:52 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	240917	43.818	ng	98
46) 1,1'-Biphenyl	9.263	154	1007225	47.606	ng	99
47) 2-Chloronaphthalene	9.286	162	680086	41.240	ng	99
48) 2-Nitroaniline	9.392	65	186519	35.958	ng	99
49) Acenaphthylene	9.704	152	916431	39.699	ng	100
50) Dimethylphthalate	9.580	163	808935	44.149	ng	99
51) 2,6-Dinitrotoluene	9.639	165	167958	39.479	ng	92
52) Acenaphthene	9.875	154	618440	37.500	ng	99
53) 3-Nitroaniline	9.816	138	58071	13.927	ng	98
54) 2,4-Dinitrophenol	9.922	184	211534	106.961	ng	98
55) Dibenzofuran	10.051	168	892050	40.410	ng	99
56) 4-Nitrophenol	9.992	139	222214	72.869	ng	97
57) 2,4-Dinitrotoluene	10.039	165	211301	38.361	ng	# 88
58) Fluorene	10.392	166	696694	40.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	189214	43.744	ng	98
60) Diethylphthalate	10.275	149	718228	40.427	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	341406	40.818	ng	99
62) 4-Nitroaniline	10.410	138	108113	26.373	ng	99
63) Azobenzene	10.545	77	725174	40.778	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	126669	54.108	ng	98
66) n-Nitrosodiphenylamine	10.504	169	600618	46.919	ng	100
67) 4-Bromophenyl-phenylether	10.874	248	193762	43.730	ng	99
68) Hexachlorobenzene	10.939	284	212929	45.303	ng	99
69) Atrazine	11.039	200	137336	32.088	ng	98
70) Pentachlorophenol	11.139	266	259262	94.198	ng	99
71) Phenanthrene	11.351	178	929973	43.712	ng	100
72) Anthracene	11.404	178	936429	44.922	ng	99
73) Carbazole	11.557	167	722300	39.076	ng	100
74) Di-n-butylphthalate	11.892	149	962080	42.948	ng	100
75) Fluoranthene	12.539	202	837807	39.883	ng	100
78) Pyrene	12.768	202	844011	31.437	ng	99
80) Butylbenzylphthalate	13.392	149	356371	37.995	ng	98
81) Benzo(a)anthracene	13.957	228	756912	39.218	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	92382	15.050	ng	99
83) Chrysene	13.992	228	744577	42.095	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	484536	40.723	ng	99
85) Di-n-octyl phthalate	14.568	149	908345	49.152	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	772651	38.276	ng	100
88) Benzo(b)fluoranthene	15.004	252	920585	46.793	ng	99
89) Benzo(k)fluoranthene	15.033	252	694577	39.853	ng	100
90) Benzo(a)pyrene	15.362	252	753917	45.348	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	627391	38.631	ng	100
92) Benzo(g,h,i)perylene	17.309	276	573319	33.950	ng	99

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

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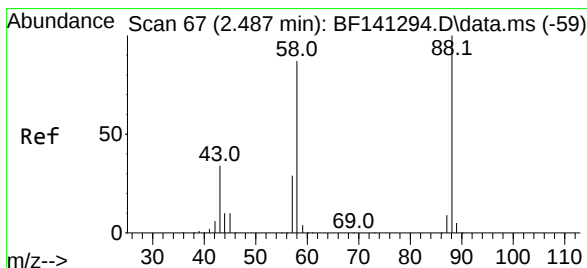
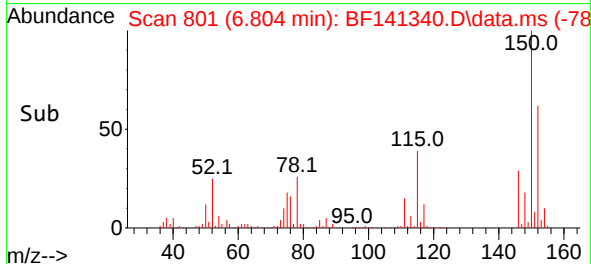
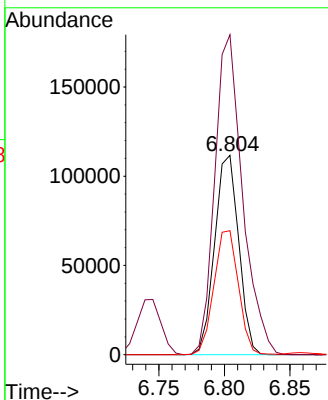
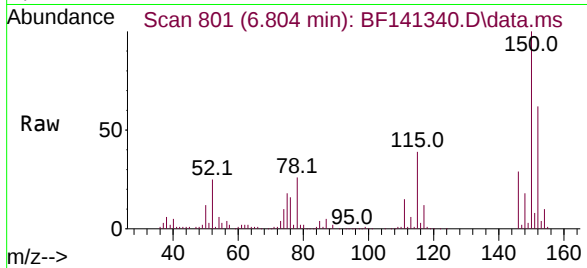




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

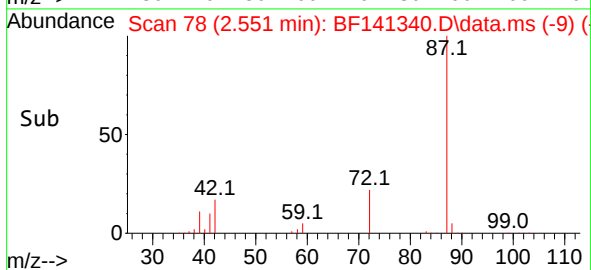
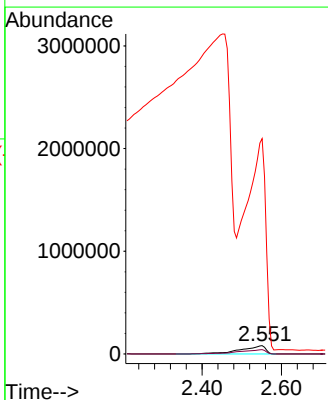
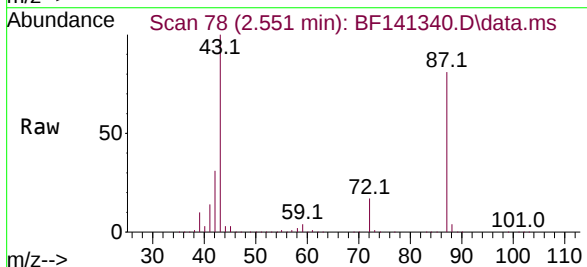
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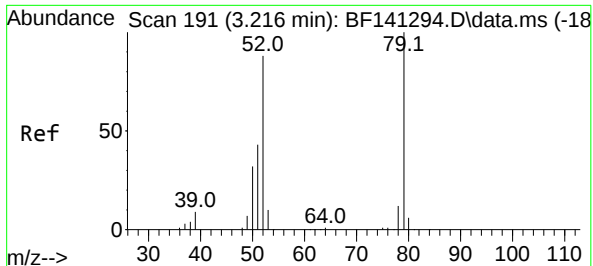
Tgt Ion:152 Resp: 142670
 Ion Ratio Lower Upper
 152 100
 150 160.6 125.9 188.9
 115 62.2 49.7 74.5



#2
 1,4-Dioxane
 Concen: 86.289 ng
 RT: 2.551 min Scan# 78
 Delta R.T. 0.059 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Tgt Ion: 88 Resp: 352673
 Ion Ratio Lower Upper
 88 100
 58 55.6 70.2 105.4#
 43 0.0 27.6 41.4#

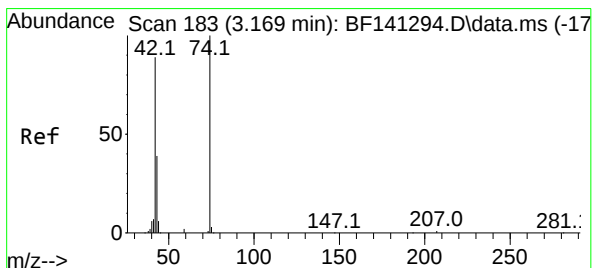
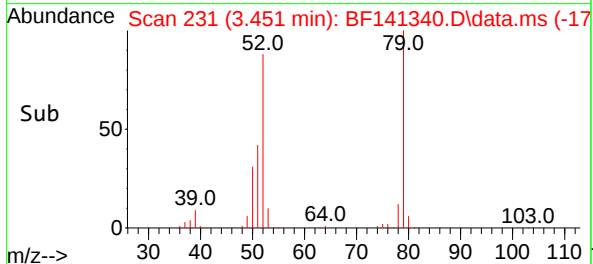
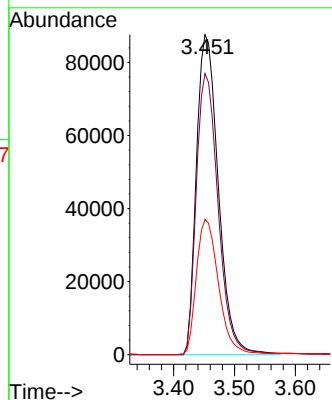
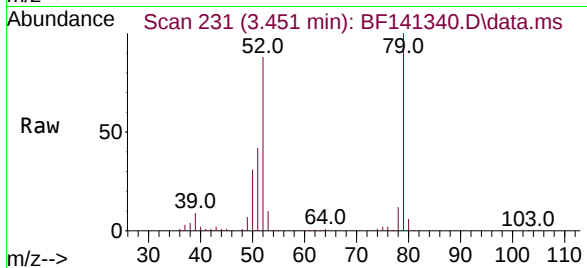




#3
Pyridine
Concen: 22.303 ng
RT: 3.451 min Scan# 216
Delta R.T. 0.223 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

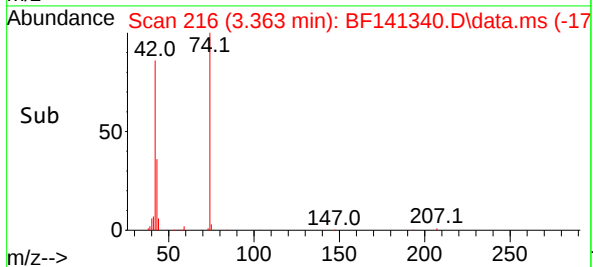
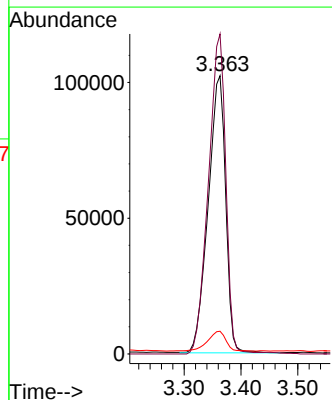
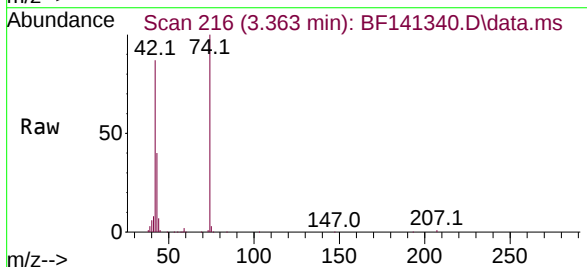
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ClientSampleId :
BELL-25-002MSD

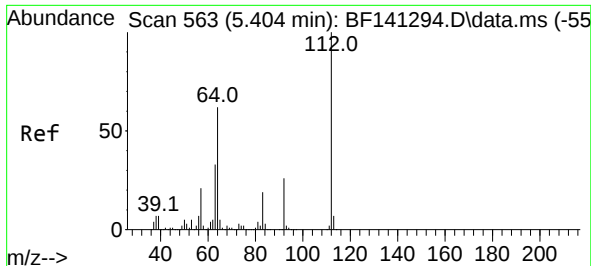
Tgt Ion: 79 Resp: 219631
Ion Ratio Lower Upper
79 100
52 87.9 70.3 105.5
51 42.3 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 38.708 ng
RT: 3.363 min Scan# 216
Delta R.T. 0.164 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 42 Resp: 217752
Ion Ratio Lower Upper
42 100
74 115.0 90.3 135.5
44 8.1 5.7 8.5

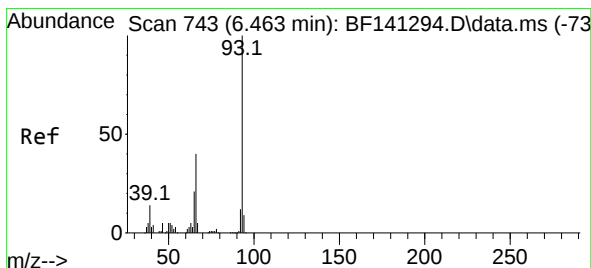
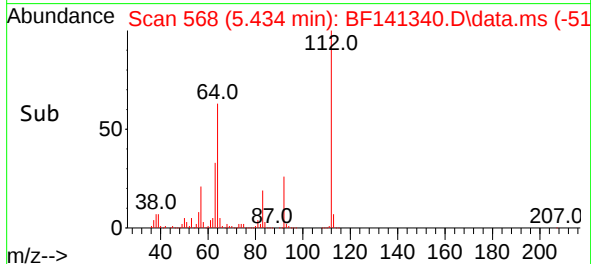
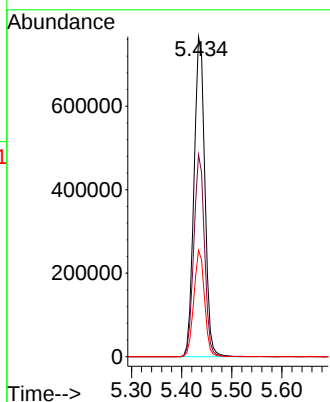
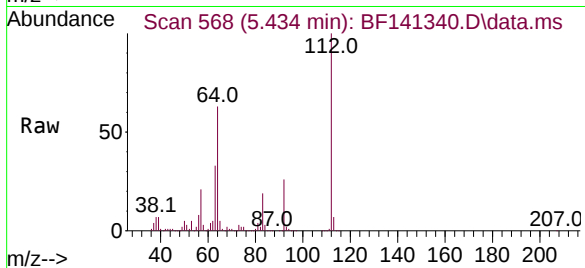




#5
2-Fluorophenol
Concen: 123.752 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.023 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

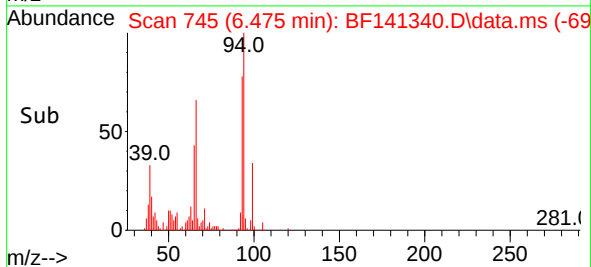
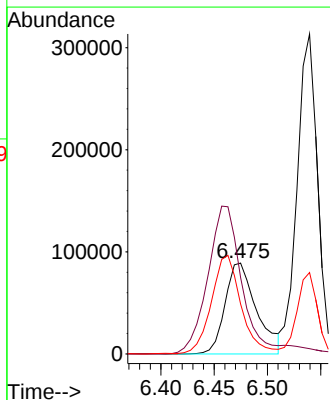
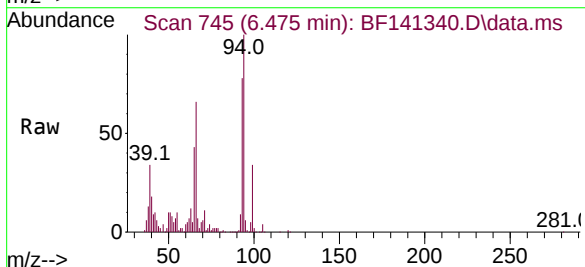
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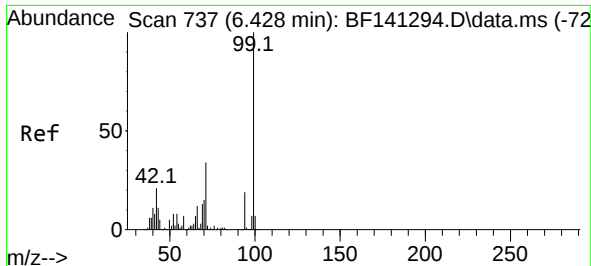
Tgt Ion:112 Resp: 1150056
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 33.2 26.1 39.1



#6
Aniline
Concen: 18.222 ng
RT: 6.475 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 93 Resp: 182356
Ion Ratio Lower Upper
93 100
66 84.1 32.5 48.7#
65 54.9 17.0 25.6#





#7

Phenol-d6

Concen: 117.589 ng

RT: 6.445 min Scan# 740

Delta R.T. 0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

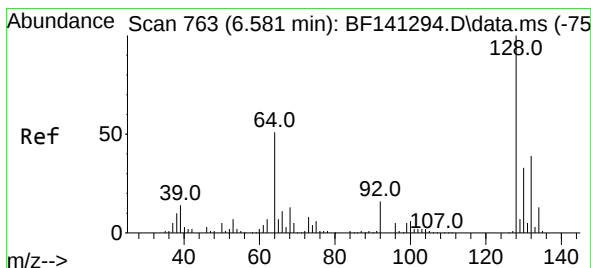
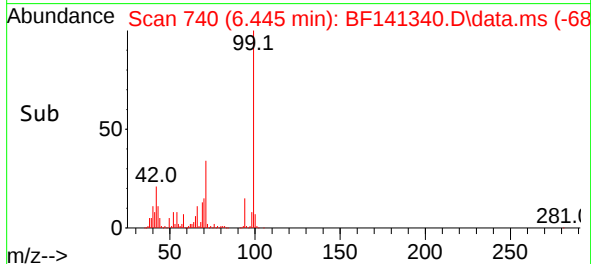
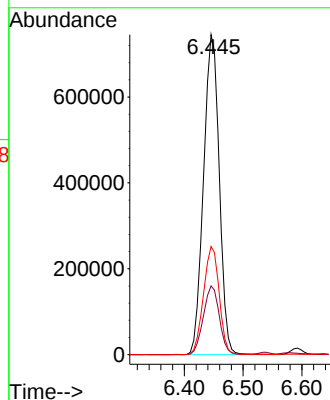
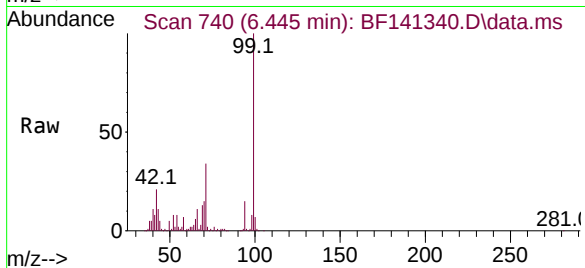
Tgt Ion: 99 Resp: 1390165

Ion Ratio Lower Upper

99 100

42 21.5 17.1 25.7

71 33.8 26.9 40.3



#8

2-Chlorophenol

Concen: 41.825 ng

RT: 6.592 min Scan# 765

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

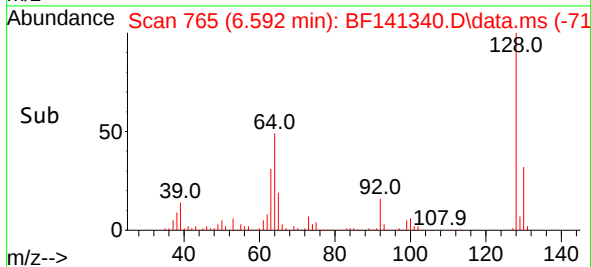
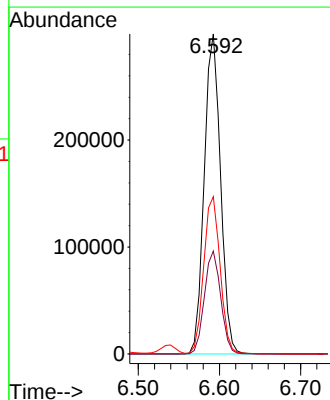
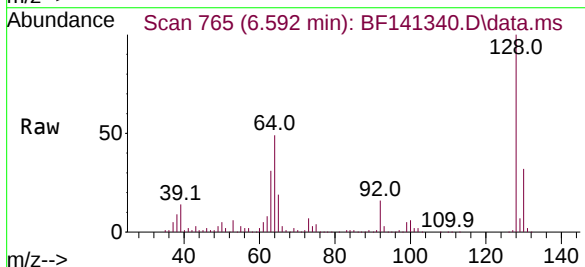
Tgt Ion:128 Resp: 416608

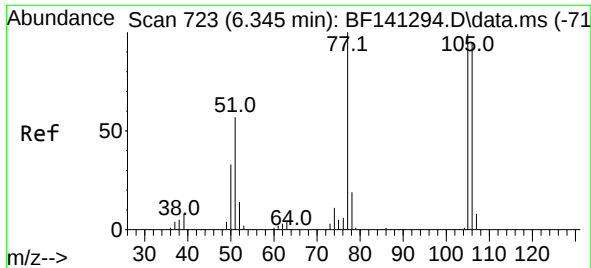
Ion Ratio Lower Upper

128 100

130 32.2 12.5 52.5

64 49.2 32.9 72.9

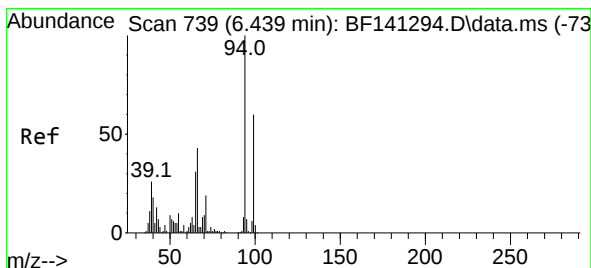
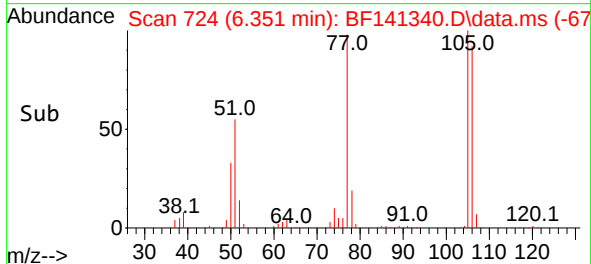
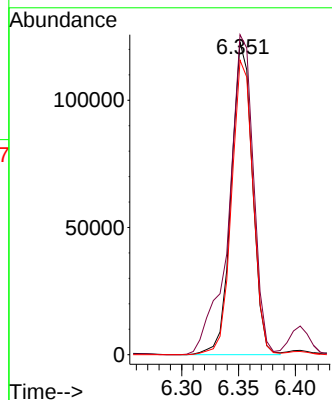
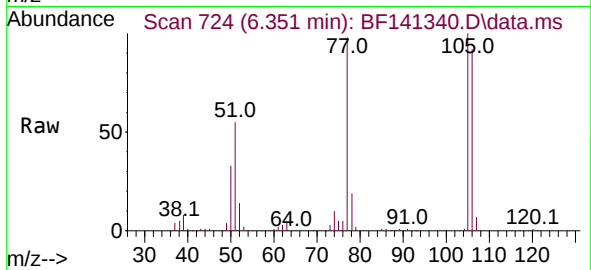




#9
Benzaldehyde
Concen: 23.287 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

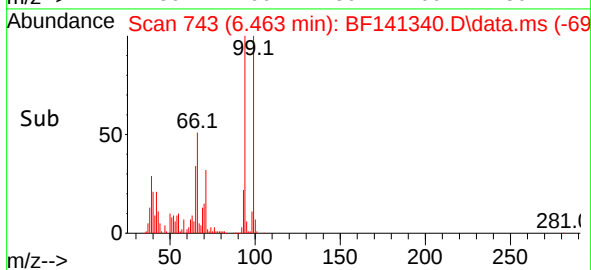
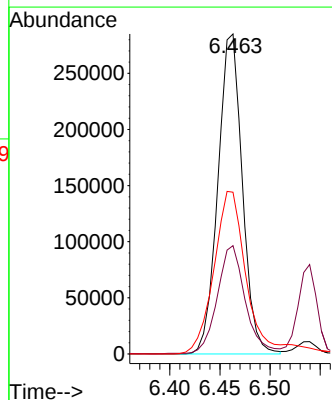
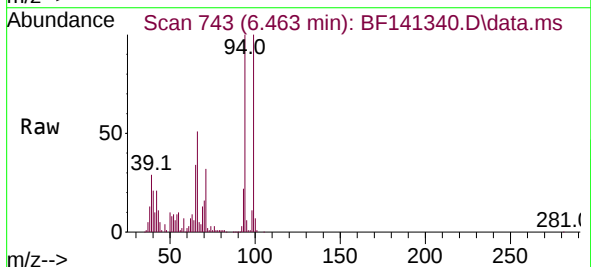
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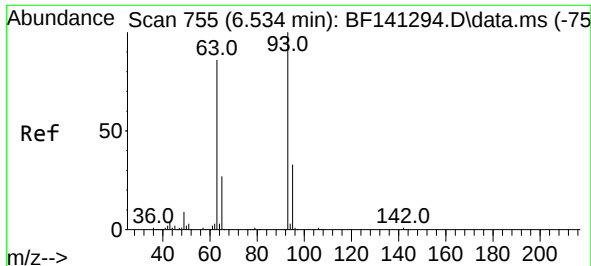
Tgt Ion: 77 Resp: 159468
Ion Ratio Lower Upper
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105 102.4 79.4 119.4
106 94.3 74.6 114.6



#10
Phenol
Concen: 38.500 ng
RT: 6.463 min Scan# 743
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 94 Resp: 482481
Ion Ratio Lower Upper
94 100
65 33.9 10.8 50.8
66 50.6 23.3 63.3

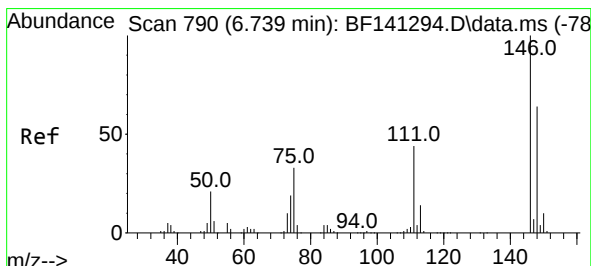
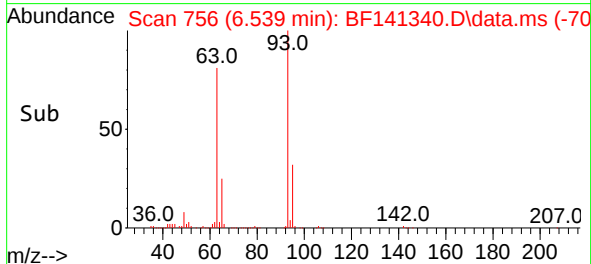
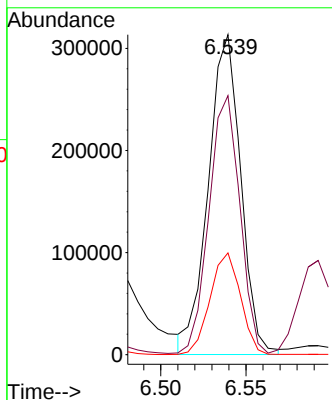
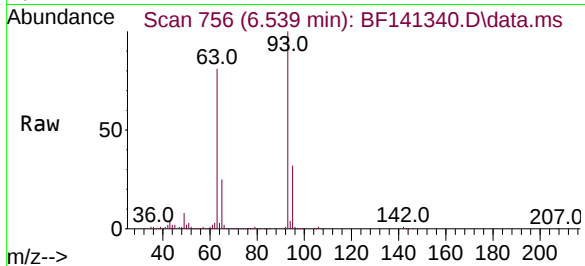




#11
bis(2-Chloroethyl)ether
Concen: 43.116 ng
RT: 6.539 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

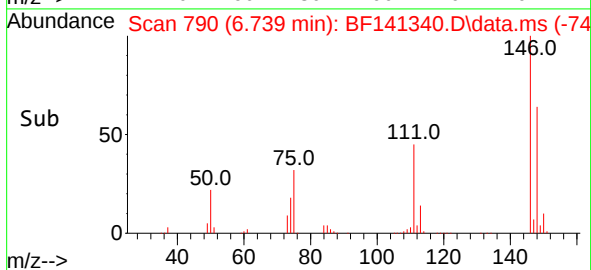
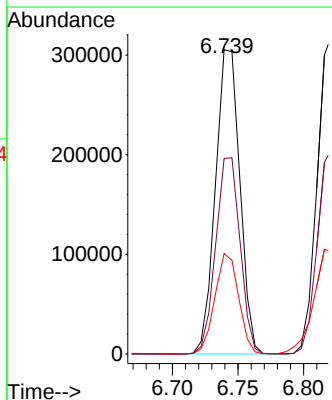
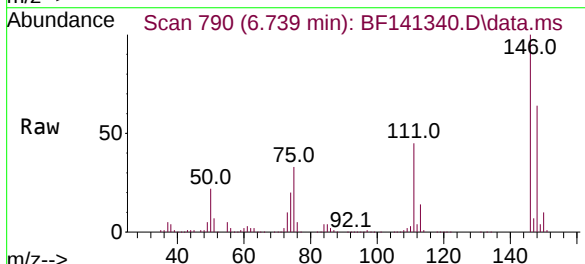
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion: 93 Resp: 414301
Ion Ratio Lower Upper
93 100
63 81.0 65.0 105.0
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 35.965 ng
RT: 6.739 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 146 Resp: 394998
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
75 33.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.378 ng

RT: 6.822 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

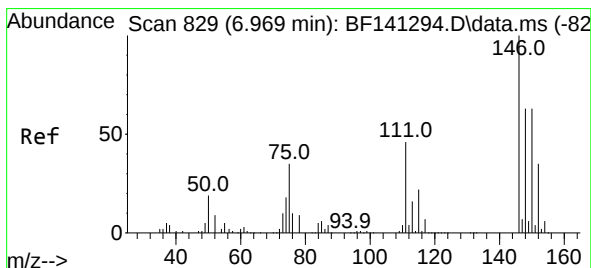
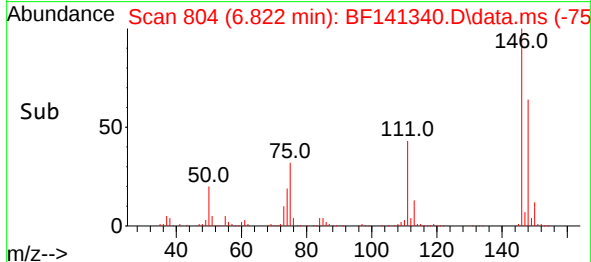
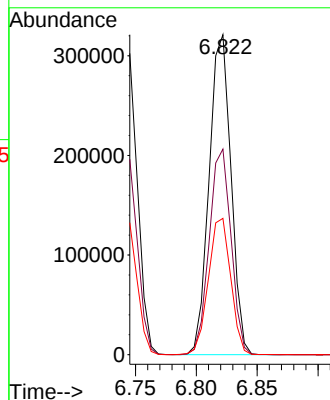
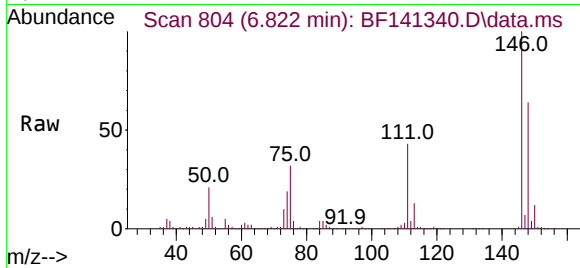
Tgt Ion:146 Resp: 401367

Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.6 35.0 52.4



#14

1,2-Dichlorobenzene

Concen: 36.372 ng

RT: 6.969 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

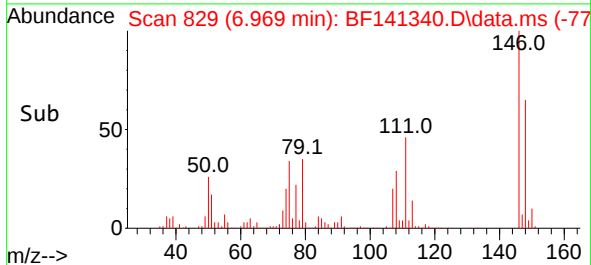
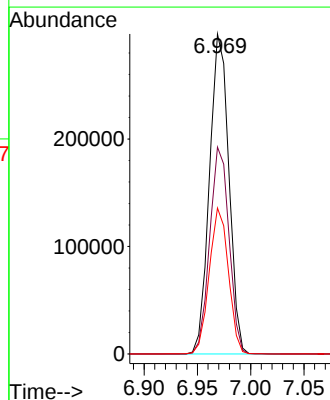
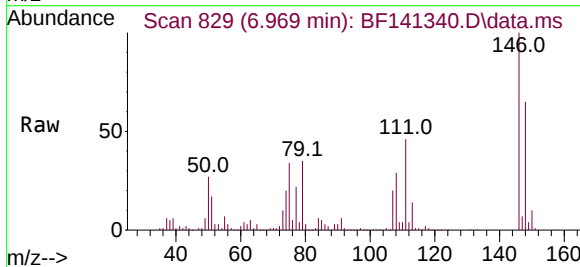
Tgt Ion:146 Resp: 375771

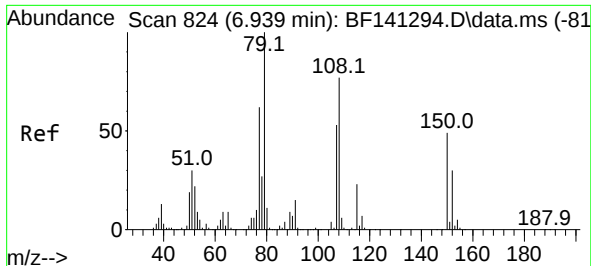
Ion Ratio Lower Upper

146 100

148 64.7 50.5 75.7

111 45.6 36.6 55.0

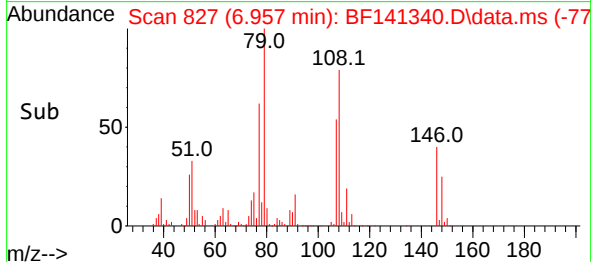
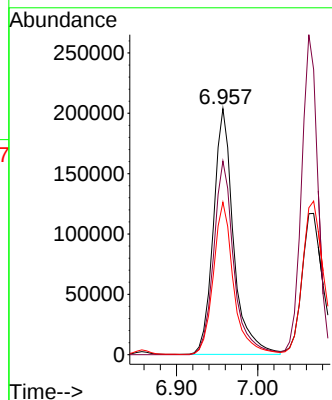
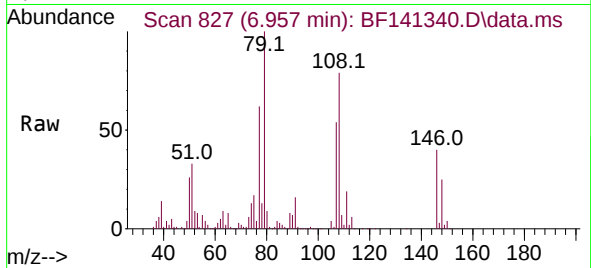




#15
Benzyl Alcohol
Concen: 43.371 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

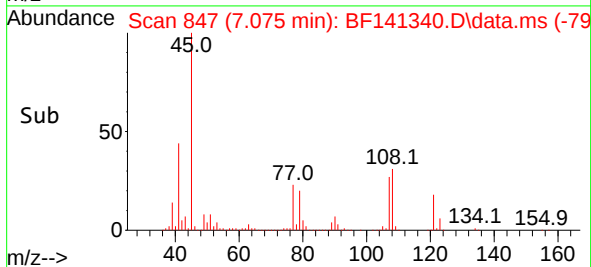
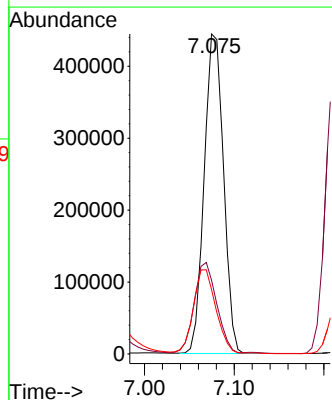
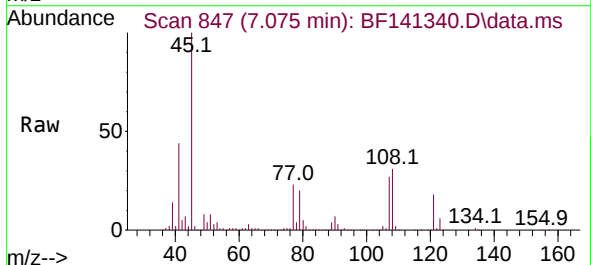
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

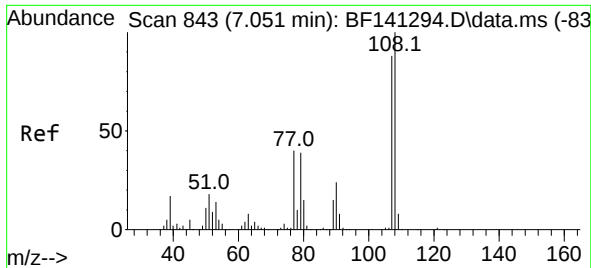
Tgt Ion: 79 Resp: 350399
Ion Ratio Lower Upper
79 100
108 78.6 61.4 92.0
77 61.9 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.803 ng
RT: 7.075 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 45 Resp: 665073
Ion Ratio Lower Upper
45 100
77 23.0 0.0 31.8
79 20.1 0.0 29.1

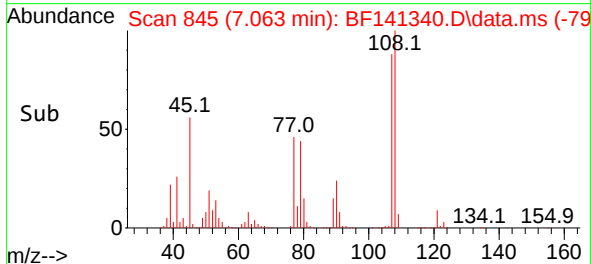
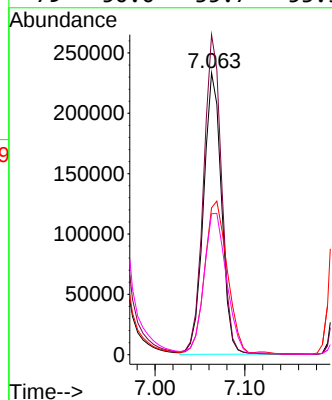
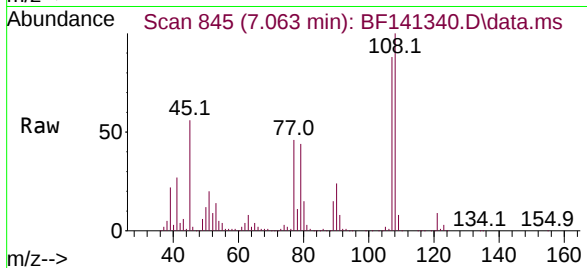




#17
2-Methylphenol
Concen: 40.146 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

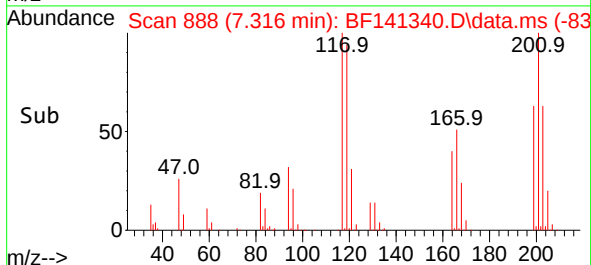
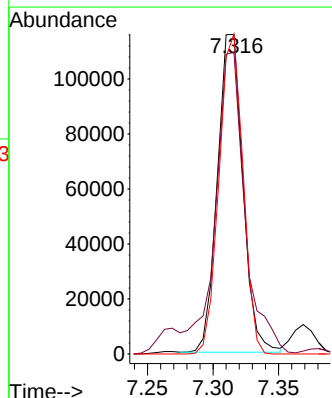
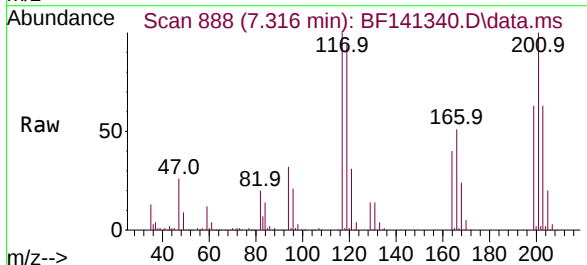
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

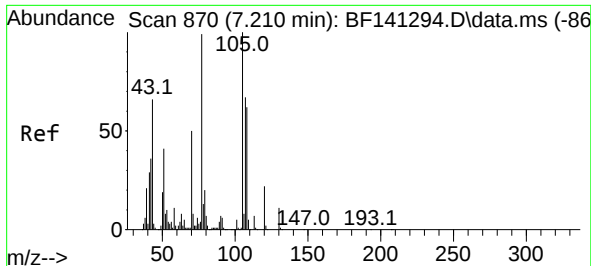
Tgt Ion:107 Resp: 325000
Ion Ratio Lower Upper
107 100
108 113.6 90.8 136.2
77 52.2 36.2 54.4
79 50.0 35.7 53.5



#18
Hexachloroethane
Concen: 38.279 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:117 Resp: 155805
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 100.1 74.8 112.2

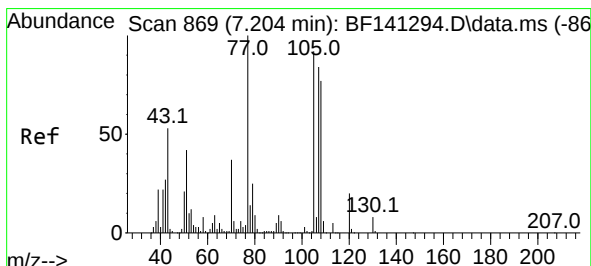
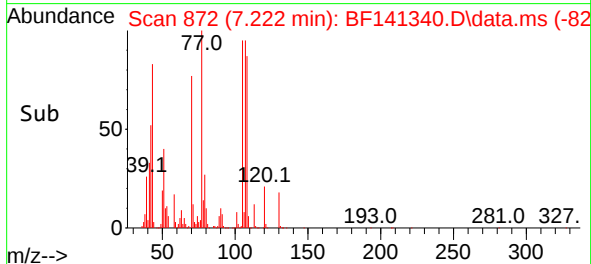
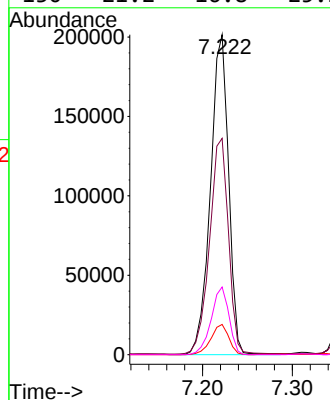
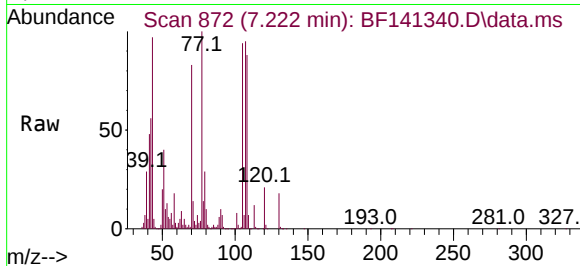




#19
n-Nitroso-di-n-propylamine
Concen: 40.266 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

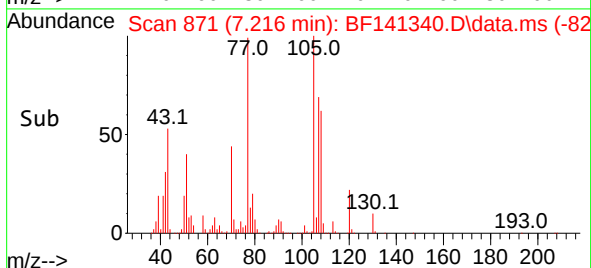
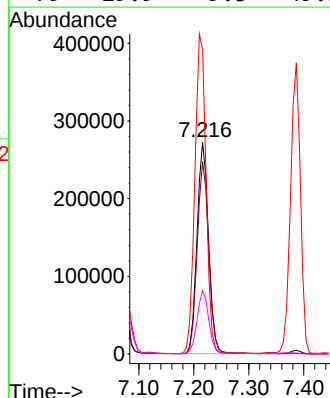
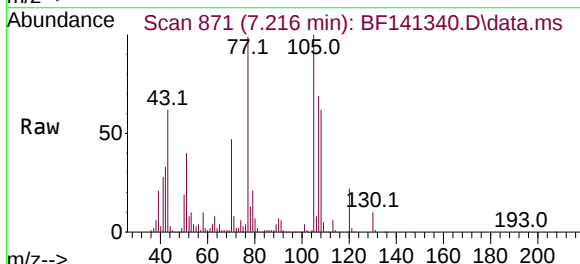
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion: 70 Resp: 282862
Ion Ratio Lower Upper
70 100
42 67.6 56.8 85.2
101 9.4 7.7 11.5
130 21.2 16.8 25.2



#20
3+4-Methylphenols
Concen: 39.995 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 107 Resp: 397542
Ion Ratio Lower Upper
107 100
108 90.9 70.9 110.9
77 143.7 98.5 138.5#
79 29.9 9.5 49.5



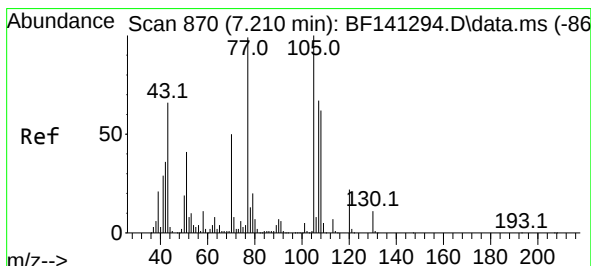
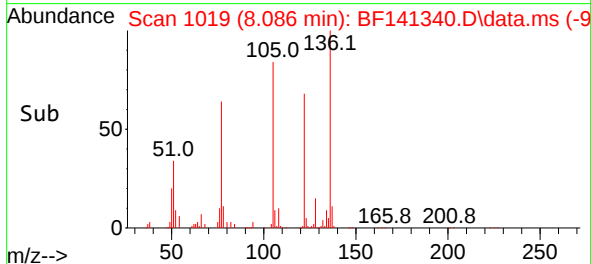
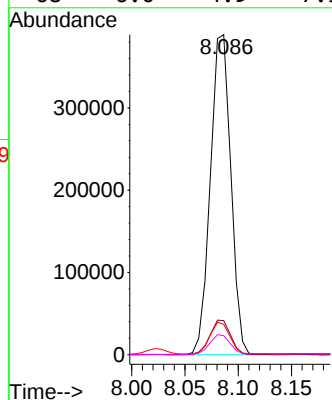
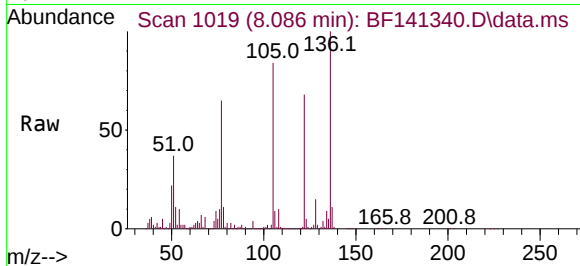


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:136 Resp: 521314

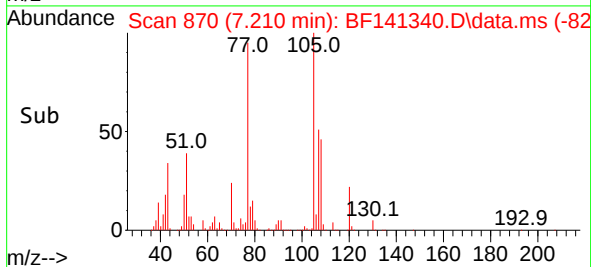
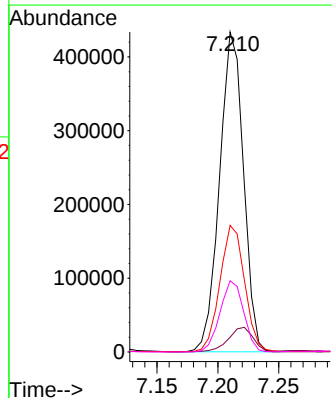
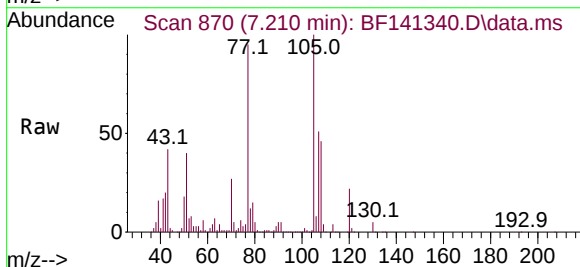
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.5	7.8	11.8
68	6.0	4.9	7.3

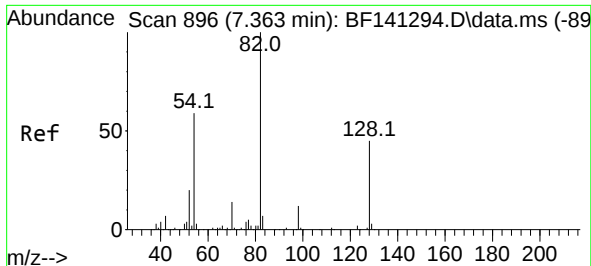


#22
Acetophenone
Concen: 47.856 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:105 Resp: 593012

Ion	Ratio	Lower	Upper
105	100		
71	4.6	6.8	10.2
51	39.5	32.6	49.0
120	22.3	17.4	26.0





#23

Nitrobenzene-d5

Concen: 89.426 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

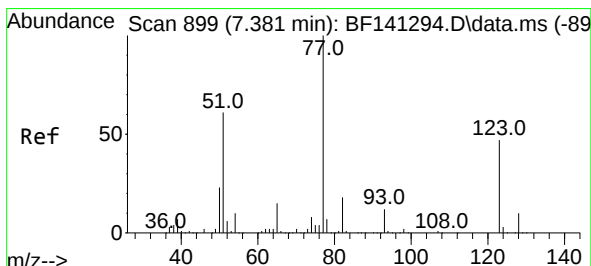
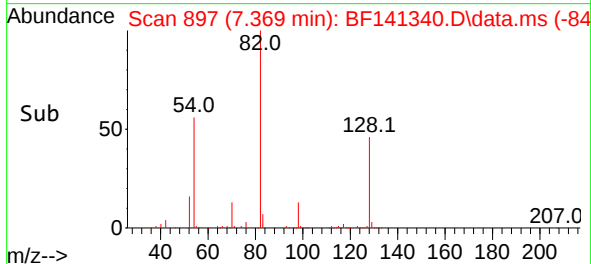
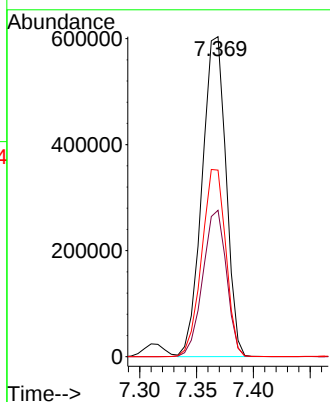
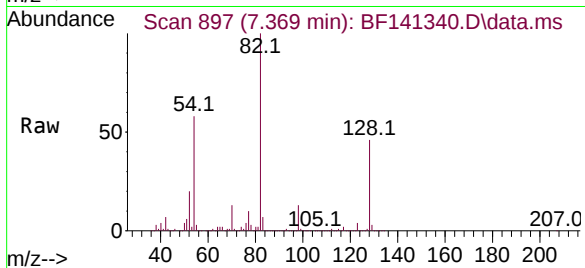
Tgt Ion: 82 Resp: 884339

Ion Ratio Lower Upper

82 100

128 45.7 35.7 53.5

54 58.3 47.1 70.7



#24

Nitrobenzene

Concen: 45.791 ng

RT: 7.386 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

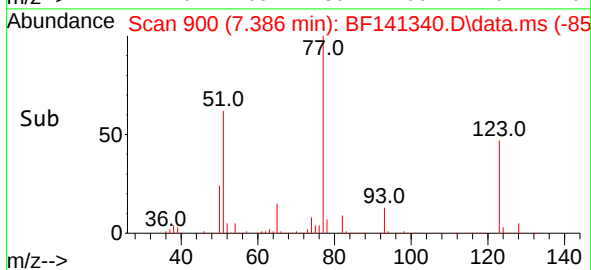
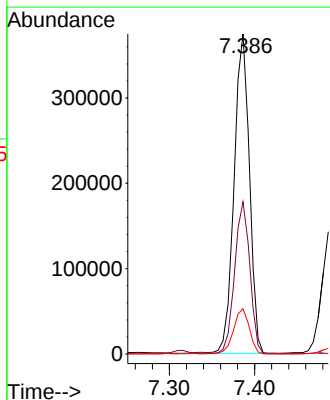
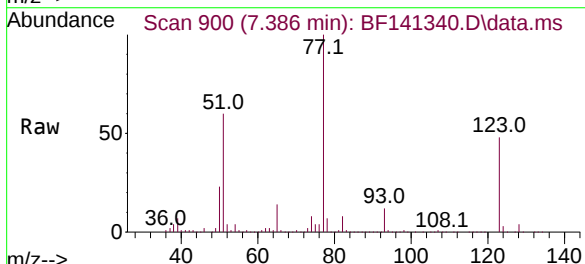
Tgt Ion: 77 Resp: 469271

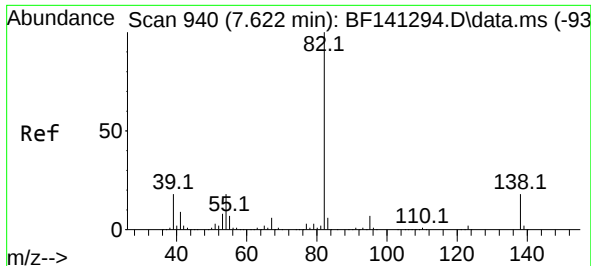
Ion Ratio Lower Upper

77 100

123 47.5 37.3 55.9

65 14.2 11.8 17.6

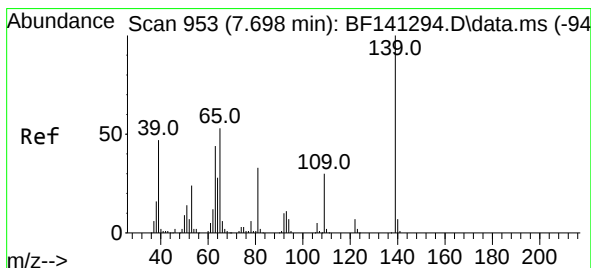
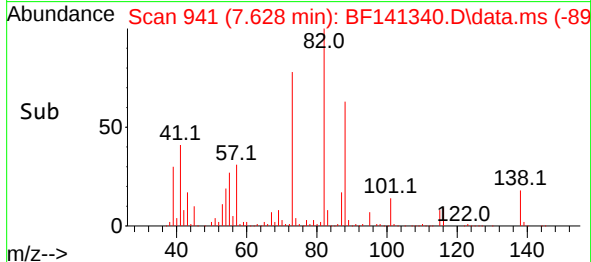
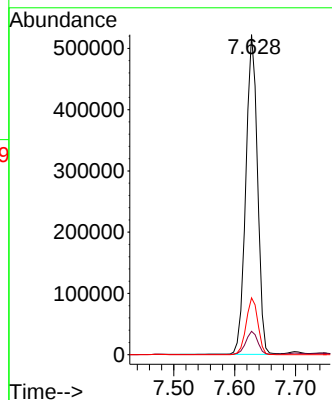
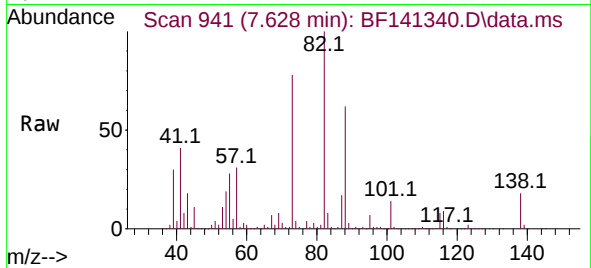




#25
Isophorone
Concen: 40.597 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

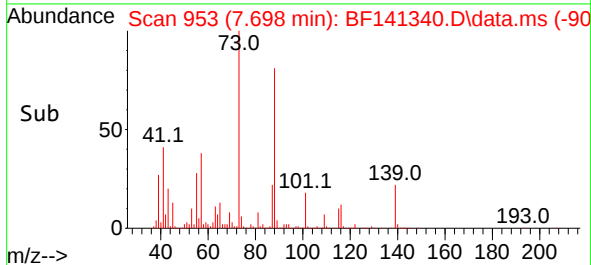
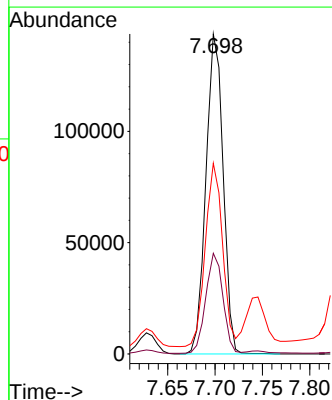
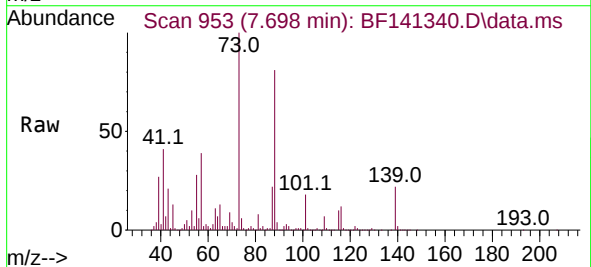
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion: 82 Resp: 693973
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.6
138 17.8 14.7 22.1



#26
2-Nitrophenol
Concen: 37.483 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

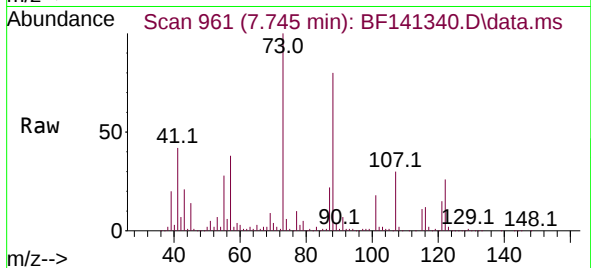
Tgt Ion:139 Resp: 181160
Ion Ratio Lower Upper
139 100
109 31.5 23.8 35.6
65 59.6 42.2 63.4



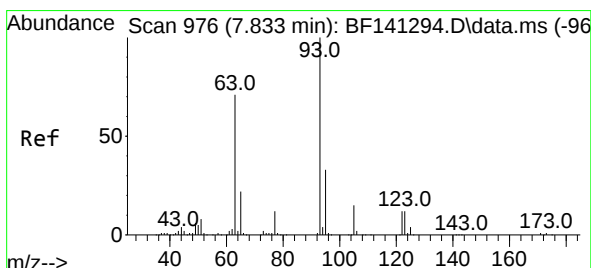
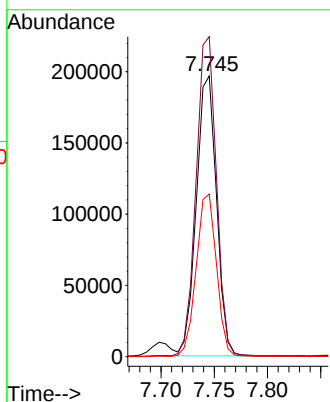
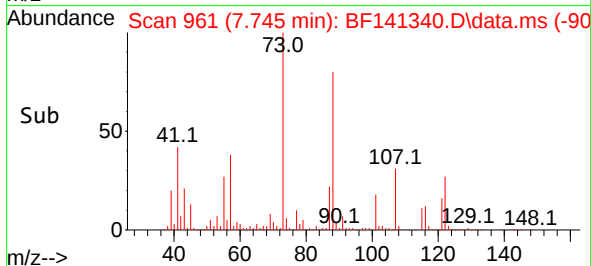


#27
2,4-Dimethylphenol
Concen: 42.240 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

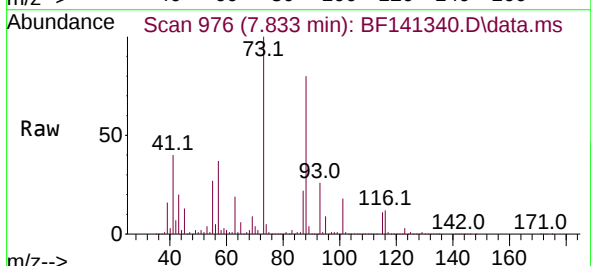
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD



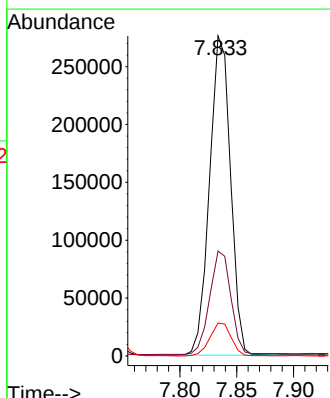
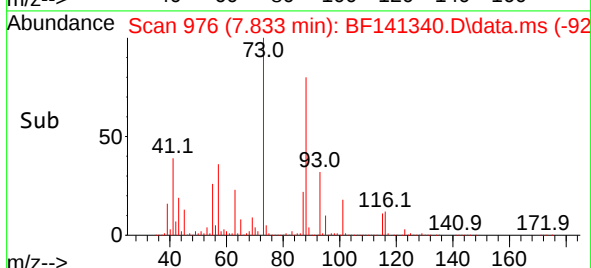
Tgt Ion:122 Resp: 259851
Ion Ratio Lower Upper
122 100
107 114.0 89.9 134.9
121 58.0 46.1 69.1

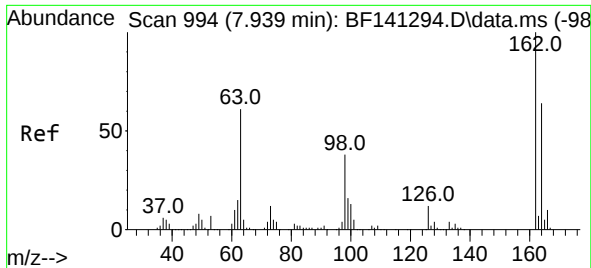


#28
bis(2-Chloroethoxy)methane
Concen: 32.505 ng
RT: 7.833 min Scan# 976
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11



Tgt Ion: 93 Resp: 354422
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.2
123 10.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 28.795 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141340.D

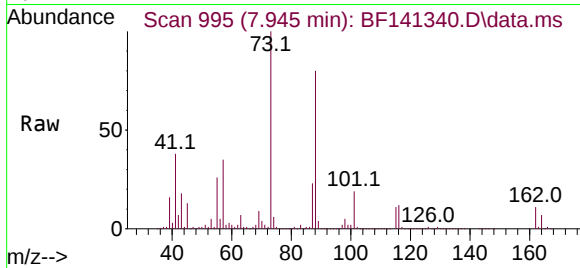
Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD



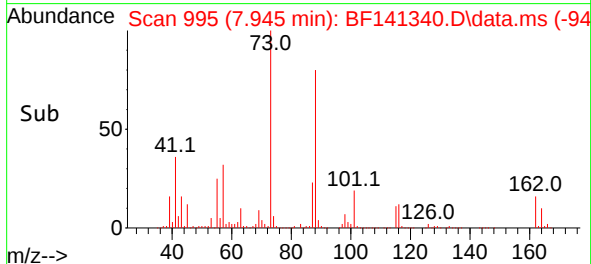
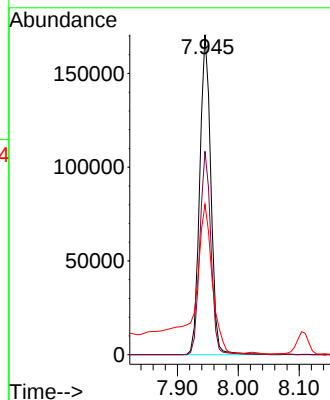
Tgt Ion:162 Resp: 216861

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 47.0 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 38.916 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

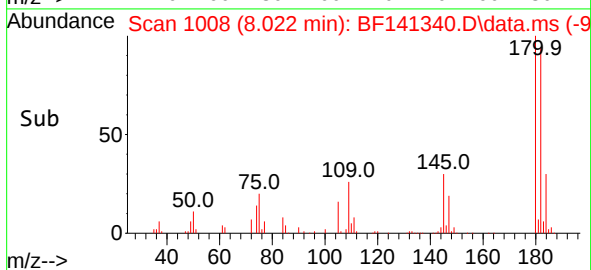
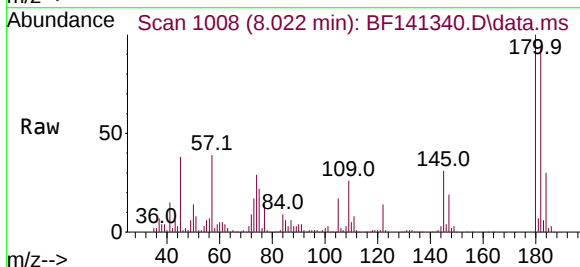
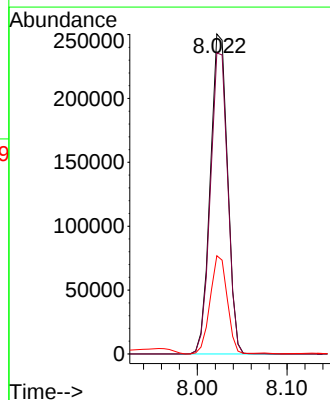
Tgt Ion:180 Resp: 334708

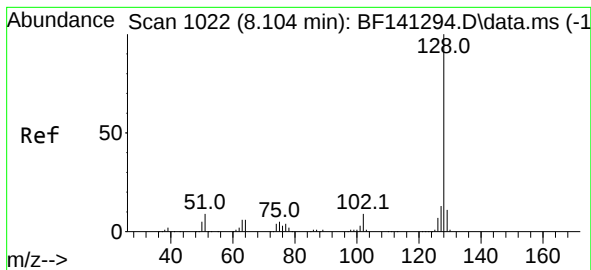
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

145 30.7 24.9 37.3





#31

Naphthalene

Concen: 38.311 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

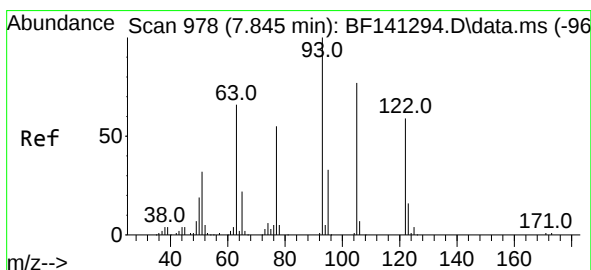
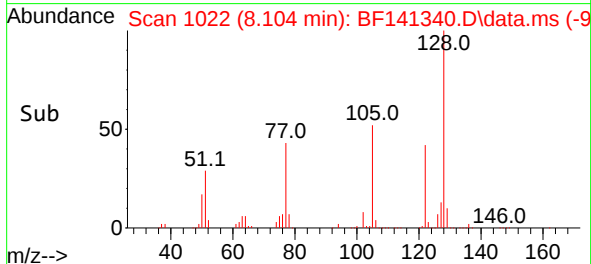
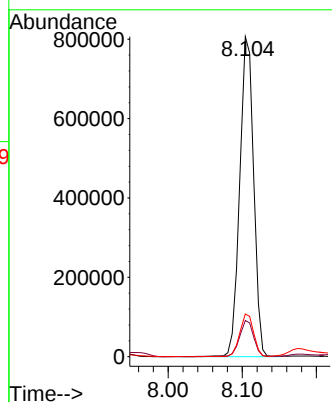
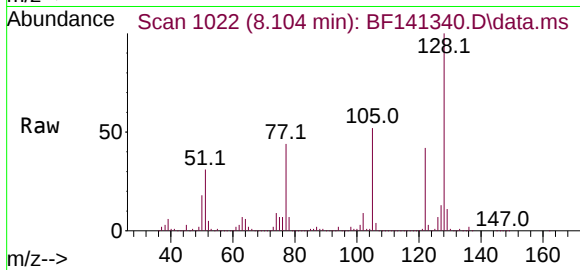
Tgt Ion:128 Resp: 1055072

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 45.933 ng

RT: 7.745 min Scan# 961

Delta R.T. -0.135 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

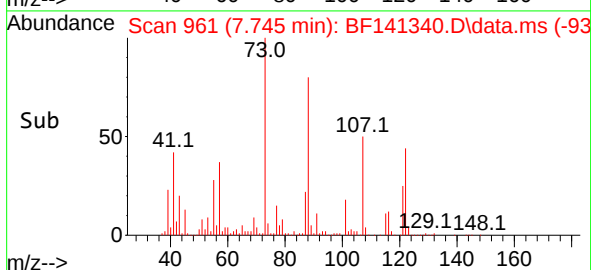
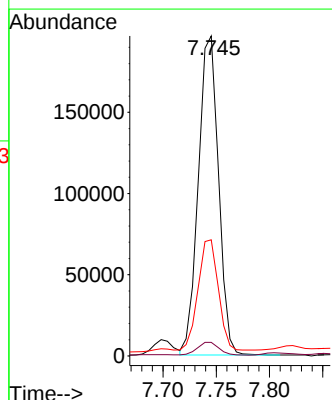
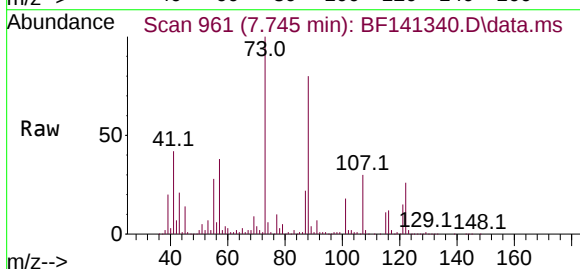
Tgt Ion:122 Resp: 259763

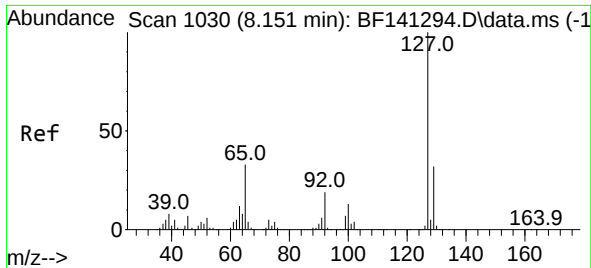
Ion Ratio Lower Upper

122 100

105 4.2 103.4 143.4#

77 36.3 70.9 110.9#

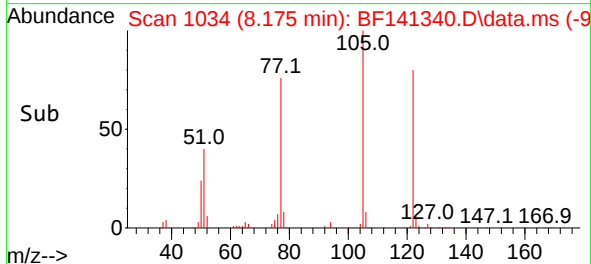
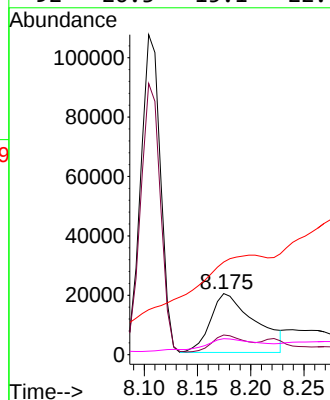
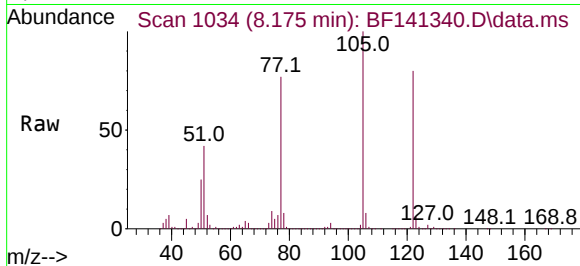




#33
4-Chloroaniline
Concen: 6.181 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.017 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

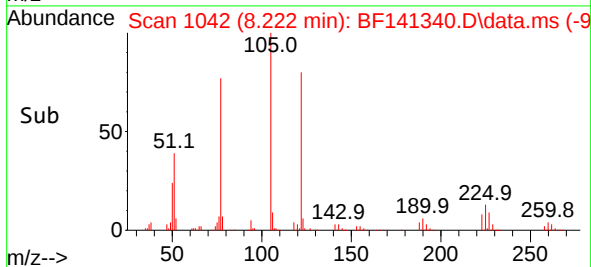
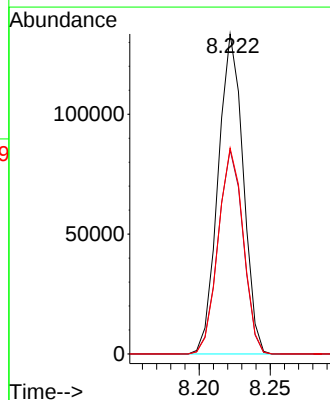
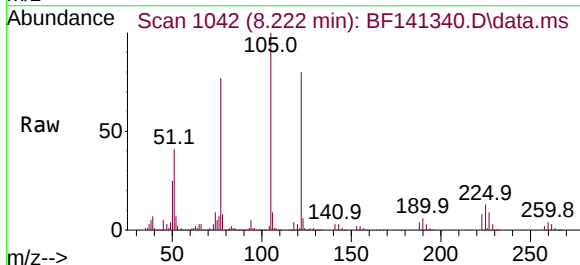
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

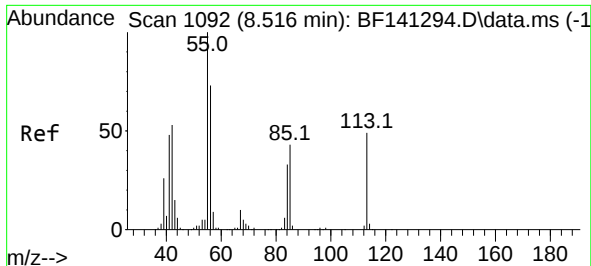
Tgt Ion:	127	Resp:	57726
Ion Ratio	Lower	Upper	
127	100		
129	32.2	25.7	38.5
65	151.6	26.4	39.6#
92	26.3	15.1	22.7#



#34
Hexachlorobutadiene
Concen: 32.412 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:	225	Resp:	163478
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.4	75.6
227	64.4	51.3	76.9

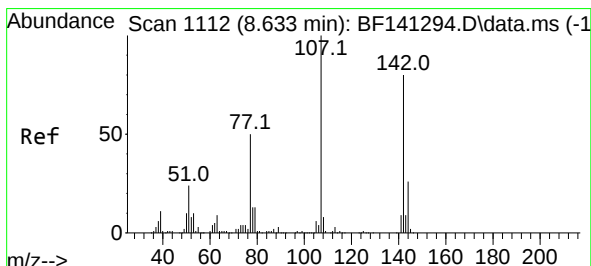
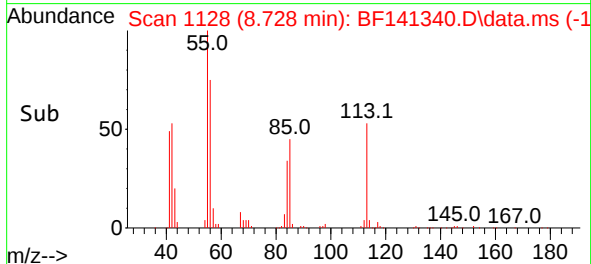
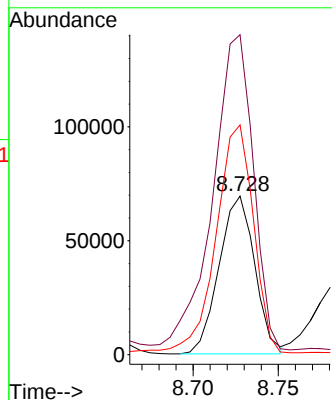
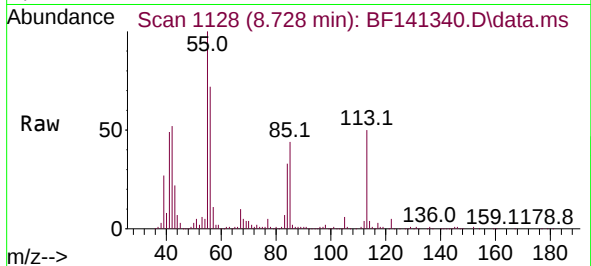




#35
 Caprolactam
 Concen: 40.952 ng
 RT: 8.728 min Scan# 1128
 Delta R.T. 0.182 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

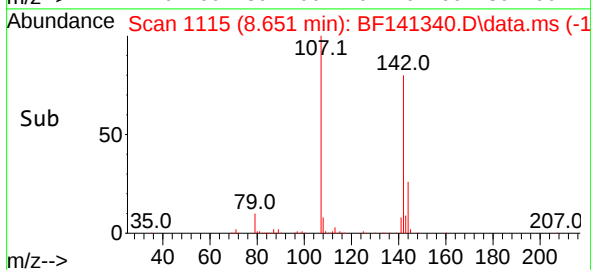
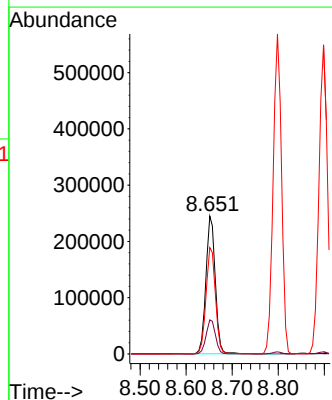
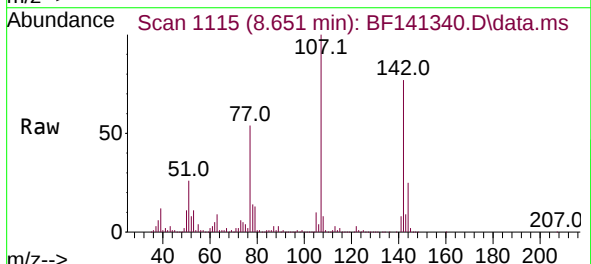
Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

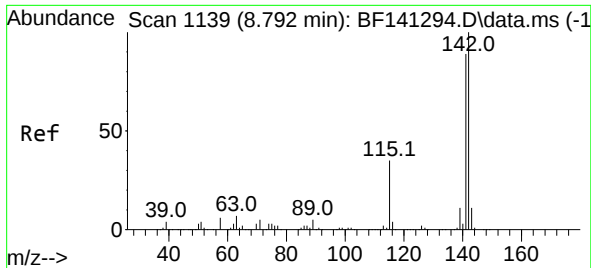
Tgt Ion:113 Resp: 100725
 Ion Ratio Lower Upper
 113 100
 55 201.8 182.9 222.9
 56 144.9 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 43.224 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Tgt Ion:107 Resp: 349171
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.7 31.1
 142 77.2 63.8 95.8

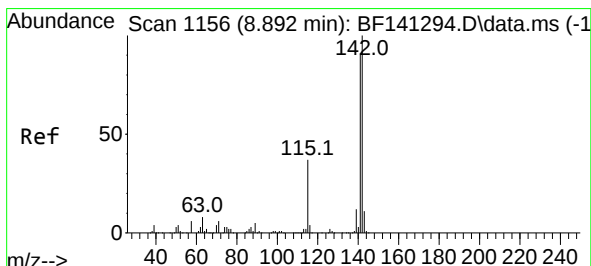
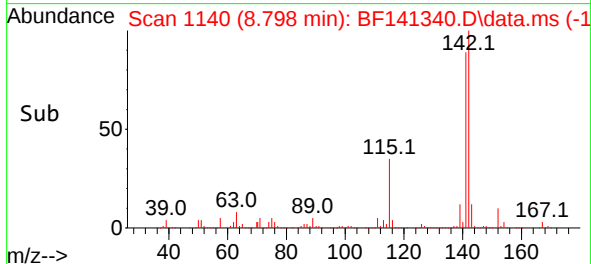
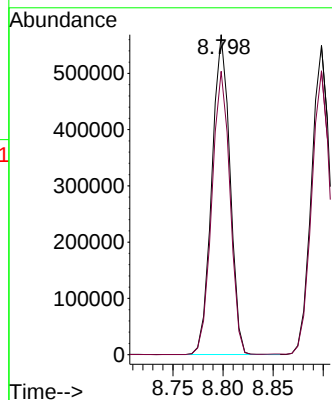
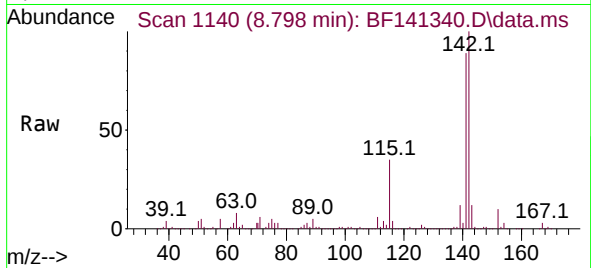




#37
2-Methylnaphthalene
Concen: 40.815 ng
RT: 8.798 min Scan# 1139
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

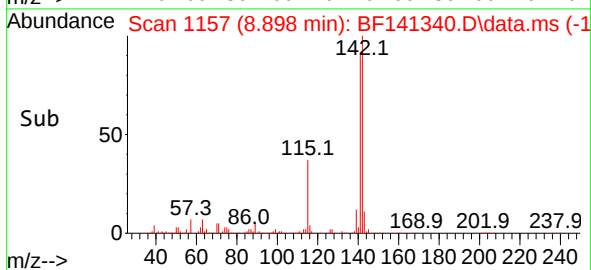
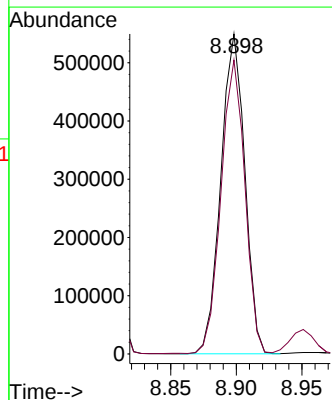
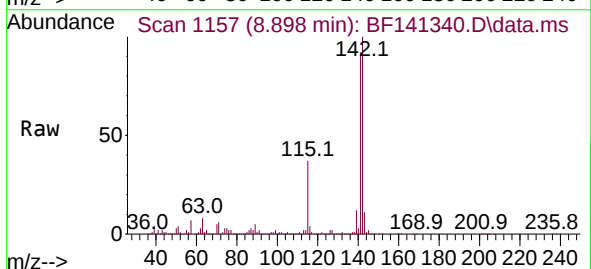
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

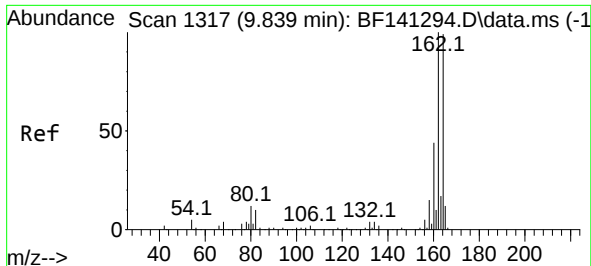
Tgt Ion:142 Resp: 714422
Ion Ratio Lower Upper
142 100
141 88.6 71.3 106.9



#38
1-Methylnaphthalene
Concen: 40.561 ng
RT: 8.898 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:142 Resp: 697402
Ion Ratio Lower Upper
142 100
141 91.8 73.2 109.8

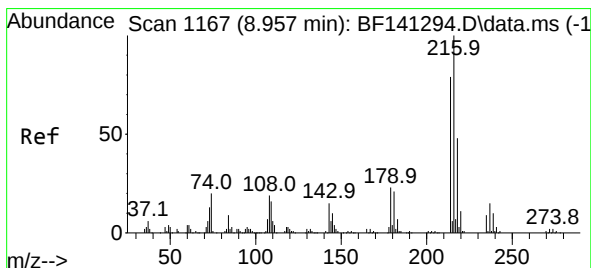
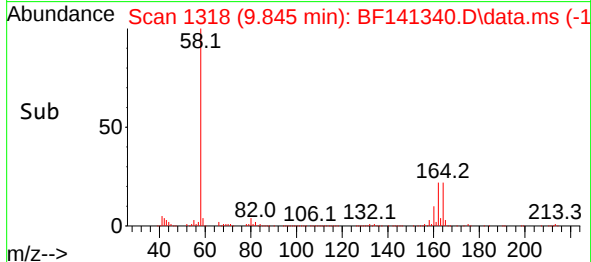
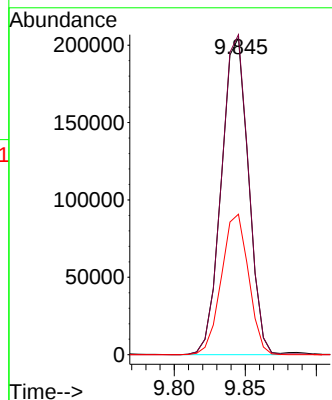
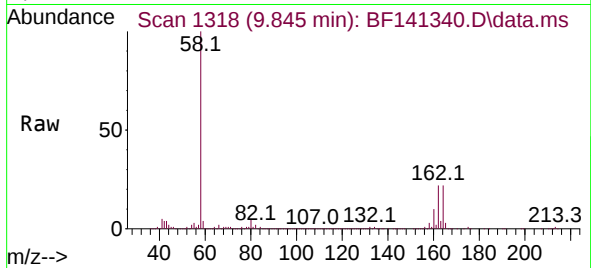




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1167
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

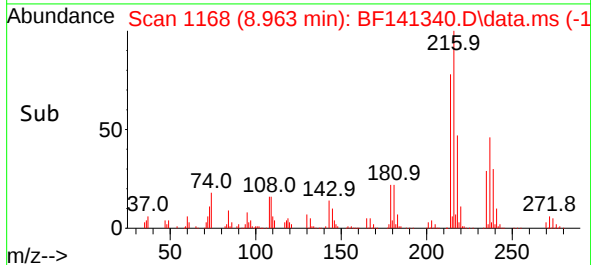
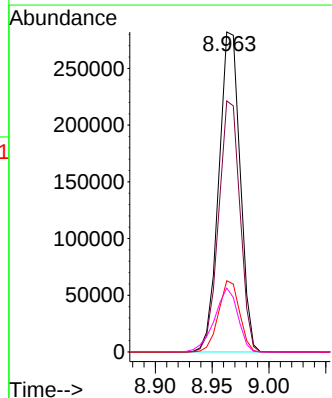
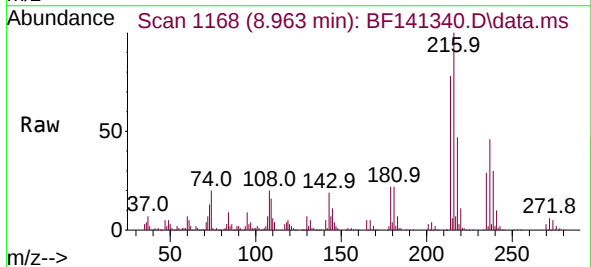
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:164 Resp: 271292
Ion Ratio Lower Upper
164 100
162 101.0 80.6 121.0
160 44.4 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.739 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:216 Resp: 368448
Ion Ratio Lower Upper
216 100
214 78.3 63.2 94.8
179 21.9 17.8 26.8
108 22.0 15.0 22.6

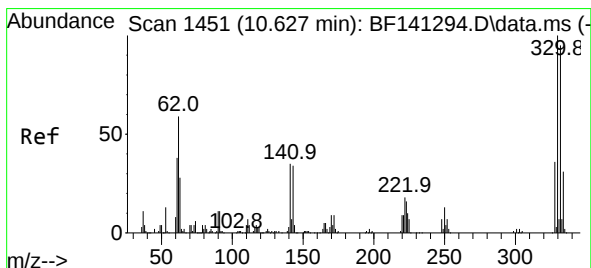
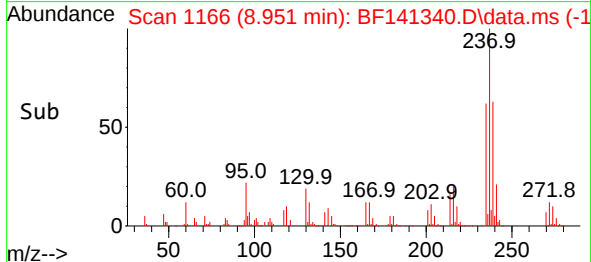
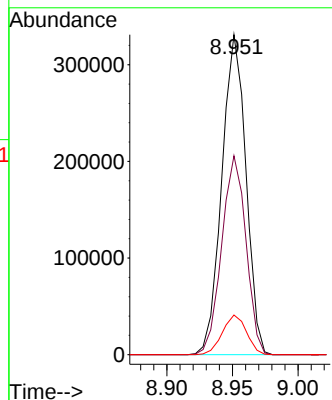
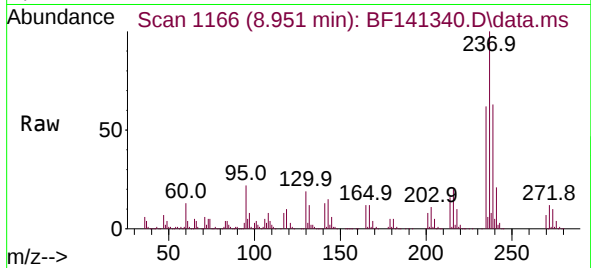




#41
Hexachlorocyclopentadiene
Concen: 185.647 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

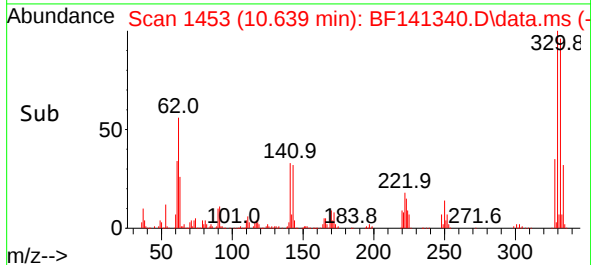
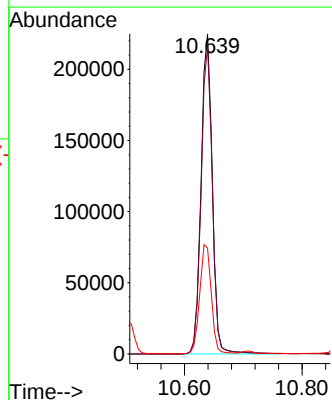
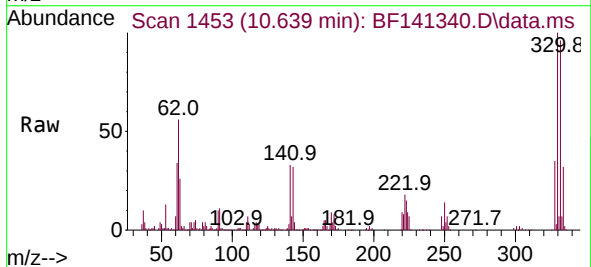
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

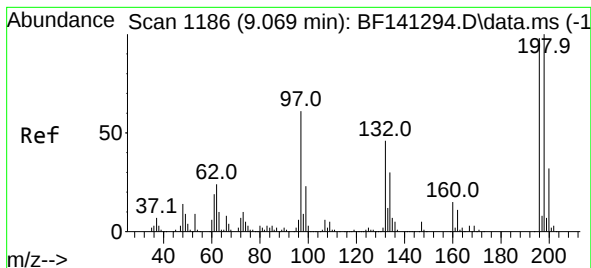
Tgt Ion:237 Resp: 423151
Ion Ratio Lower Upper
237 100
235 62.1 42.9 82.9
272 12.4 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 119.788 ng
RT: 10.639 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:330 Resp: 297928
Ion Ratio Lower Upper
330 100
332 96.1 76.1 114.1
141 35.5 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 45.039 ng

RT: 9.086 min Scan# 1186

Delta R.T. 0.012 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

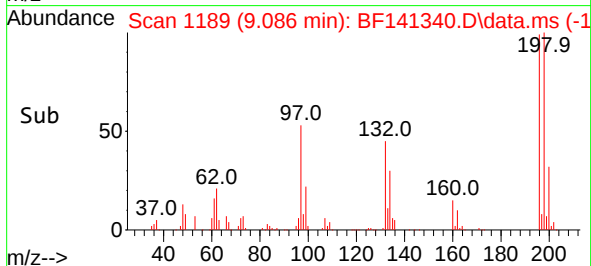
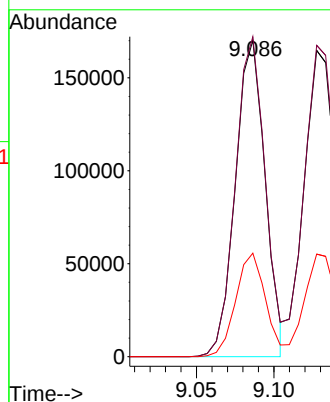
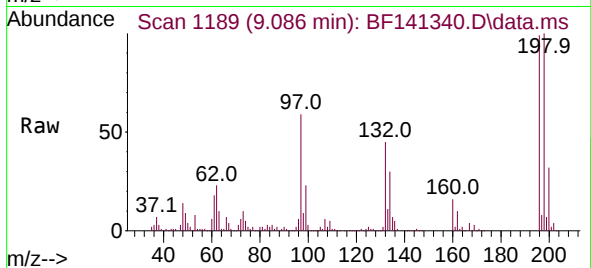
Tgt Ion:196 Resp: 227525

Ion Ratio Lower Upper

196 100

198 101.2 81.8 122.6

200 32.7 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 43.818 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.012 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Tgt Ion:196 Resp: 240917

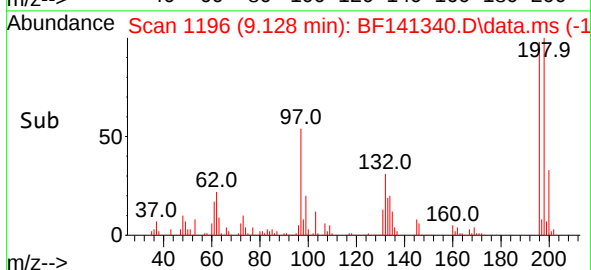
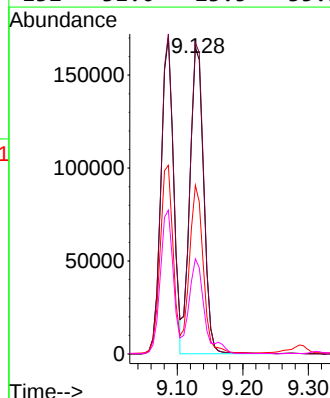
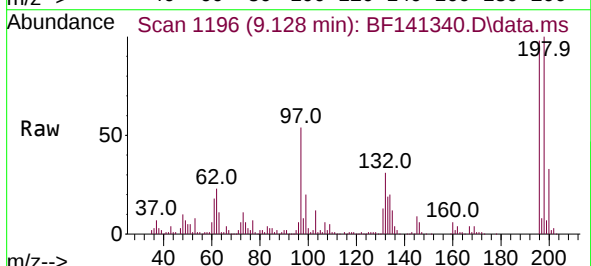
Ion Ratio Lower Upper

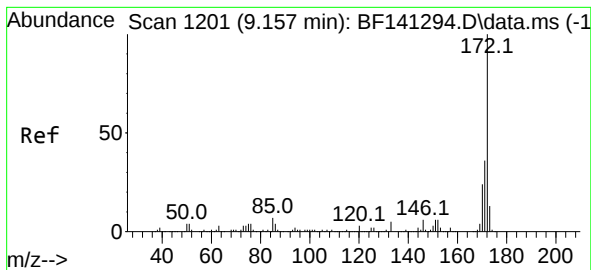
196 100

198 101.7 80.5 120.7

97 55.1 42.8 64.2

132 31.0 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 85.665 ng

RT: 9.163 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

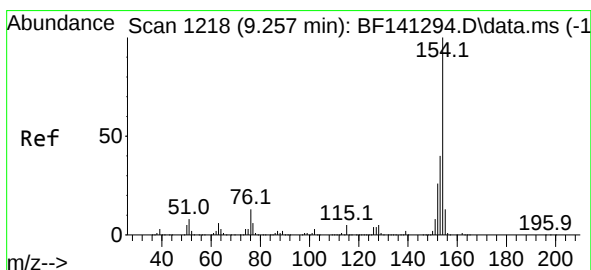
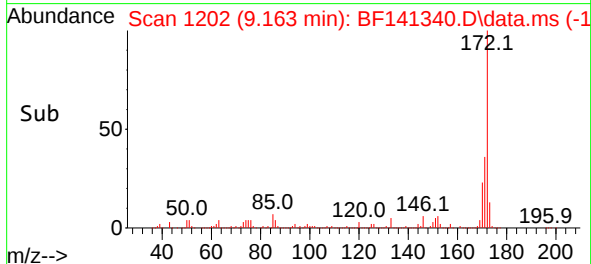
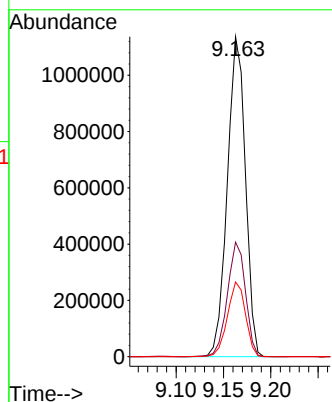
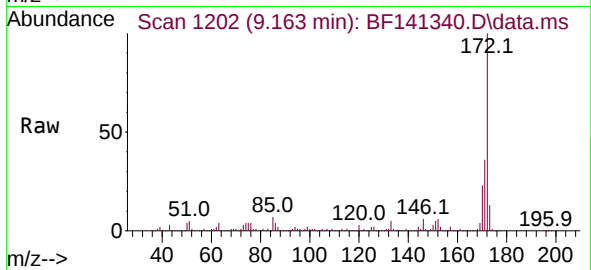
Tgt Ion:172 Resp: 1509903

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.3 19.0 28.6



#46

1,1'-Biphenyl

Concen: 47.606 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

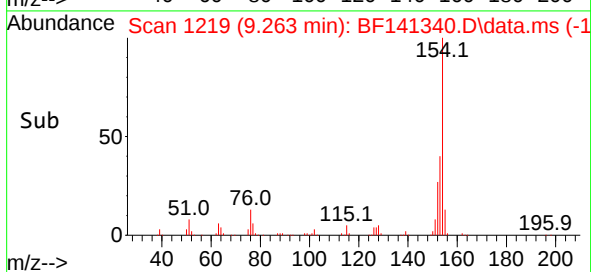
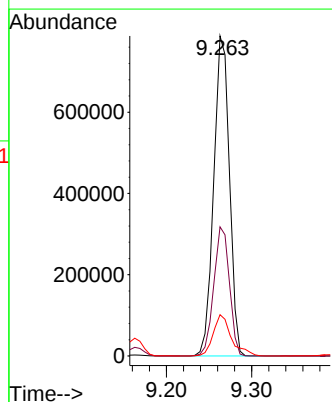
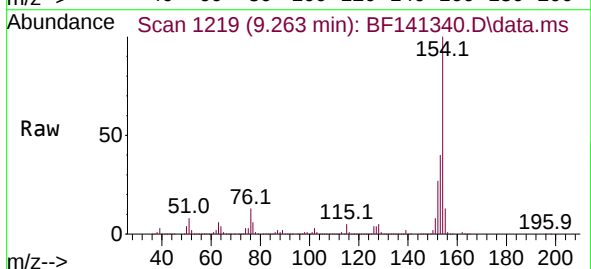
Tgt Ion:154 Resp: 1007225

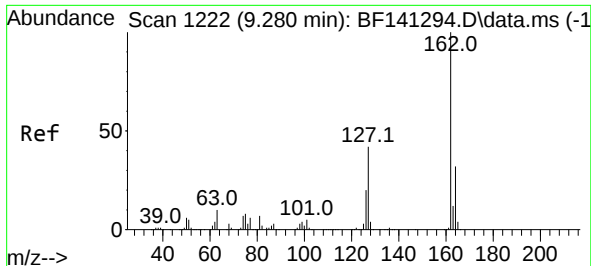
Ion Ratio Lower Upper

154 100

153 40.4 20.0 60.0

76 12.9 0.0 32.8

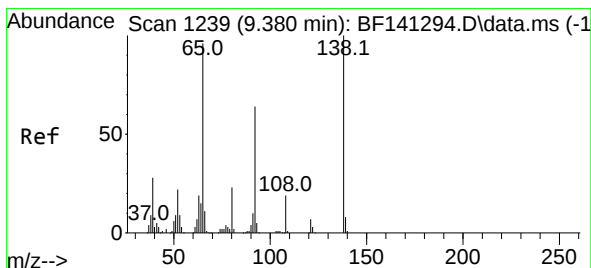
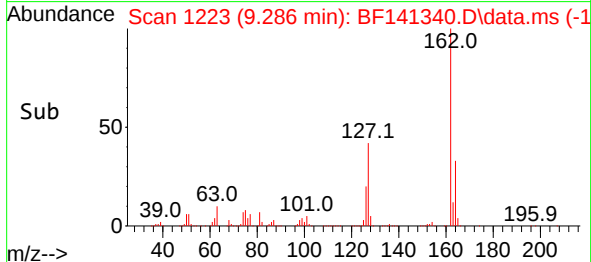
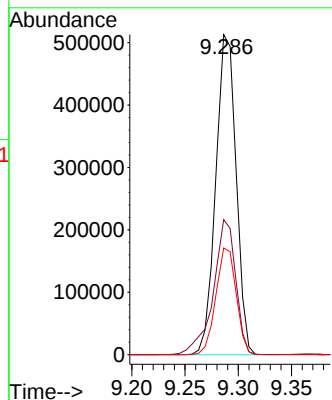
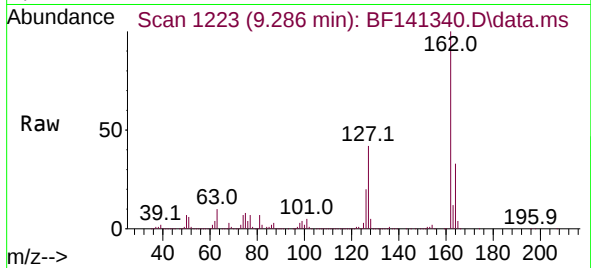




#47
2-Chloronaphthalene
Concen: 41.240 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

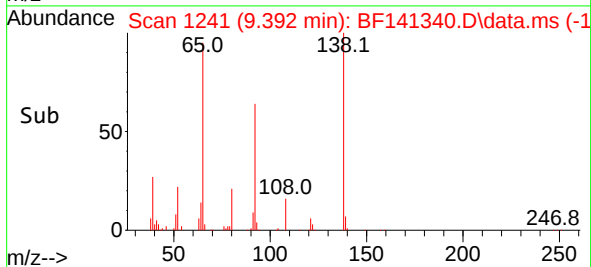
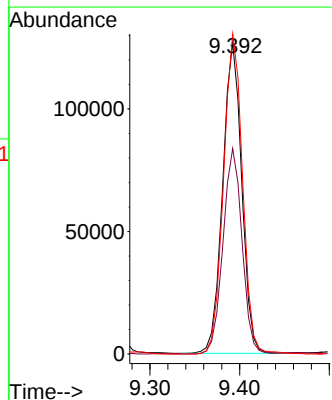
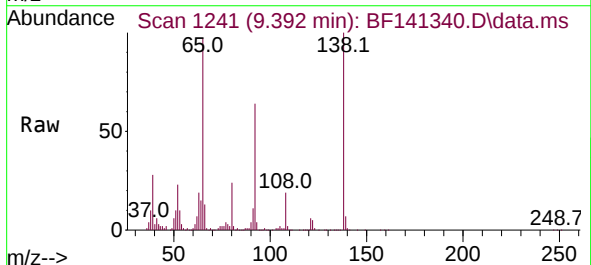
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

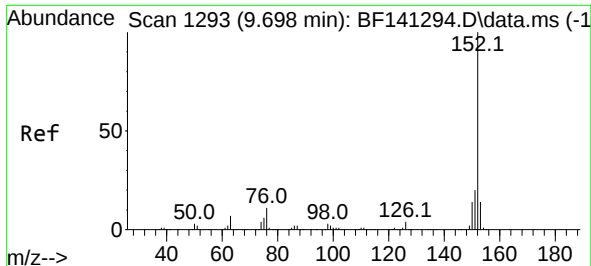
Tgt Ion:162 Resp: 680086
Ion Ratio Lower Upper
162 100
127 42.2 33.7 50.5
164 33.4 25.9 38.9



#48
2-Nitroaniline
Concen: 35.958 ng
RT: 9.392 min Scan# 1241
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion: 65 Resp: 186519
Ion Ratio Lower Upper
65 100
92 66.1 53.3 79.9
138 102.9 83.6 125.4

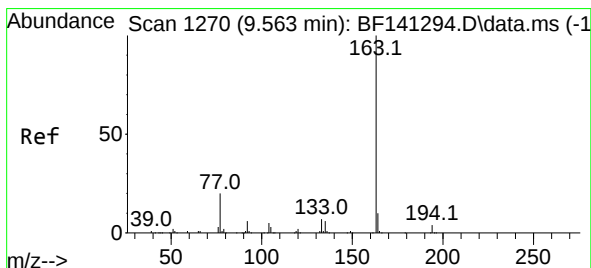
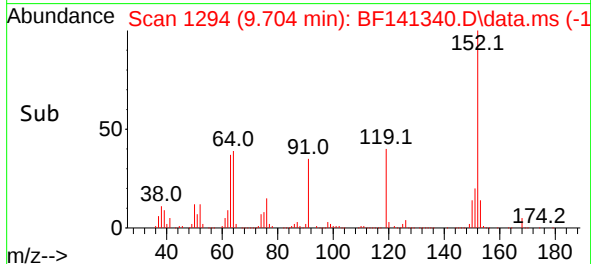
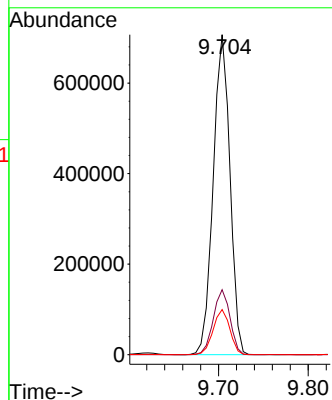
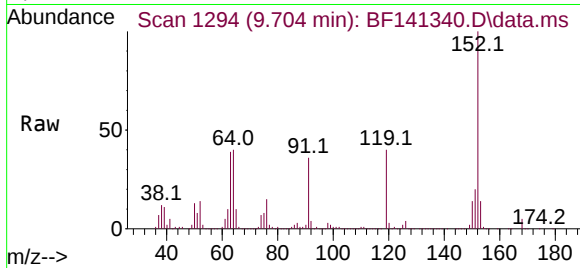




#49
Acenaphthylene
Concen: 39.699 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

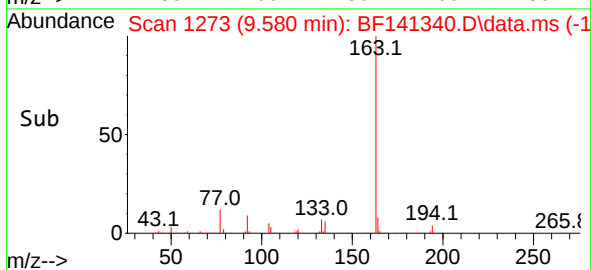
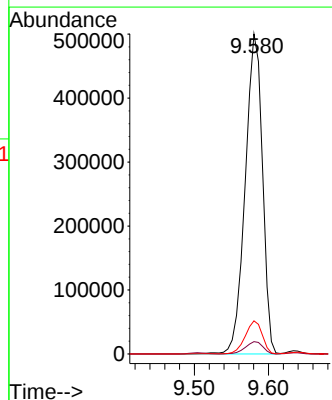
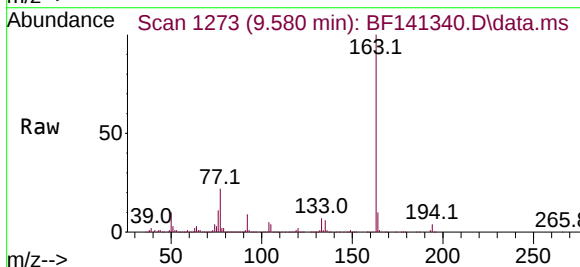
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

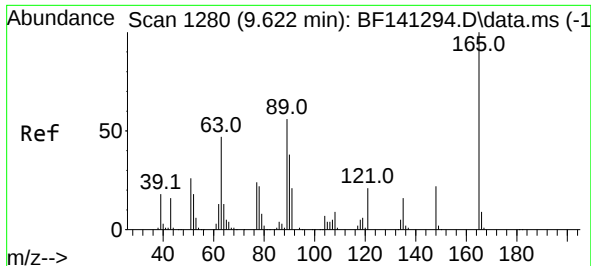
Tgt Ion:152 Resp: 916431
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 11.0 16.6



#50
Dimethylphthalate
Concen: 44.149 ng
RT: 9.580 min Scan# 1273
Delta R.T. 0.012 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:163 Resp: 808935
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.4 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 39.479 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.012 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

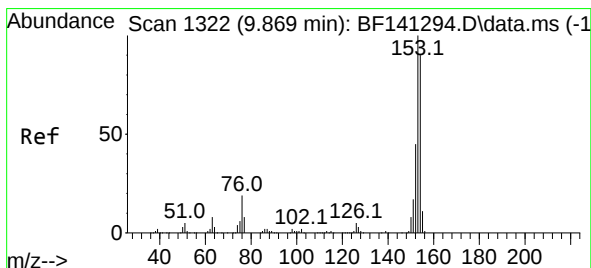
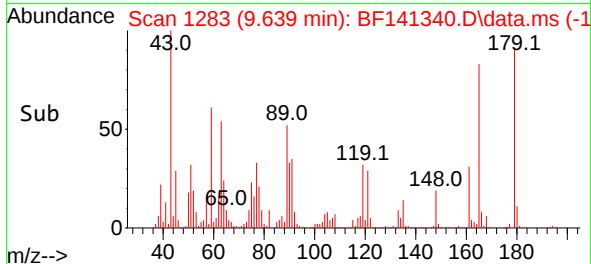
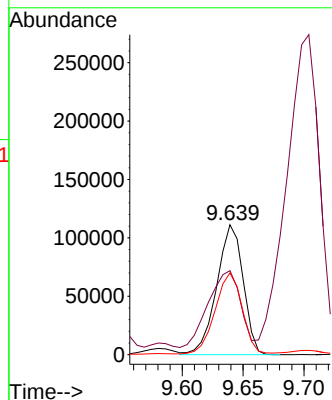
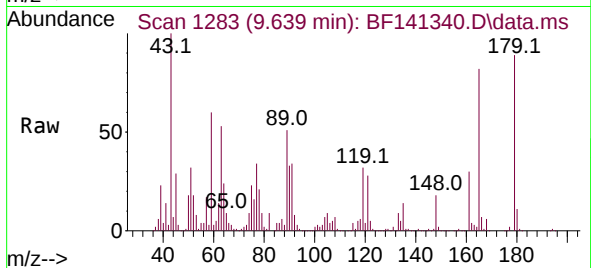
Tgt Ion:165 Resp: 167958

Ion Ratio Lower Upper

165 100

63 64.7 48.1 72.1

89 62.9 44.9 67.3



#52

Acenaphthene

Concen: 37.500 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

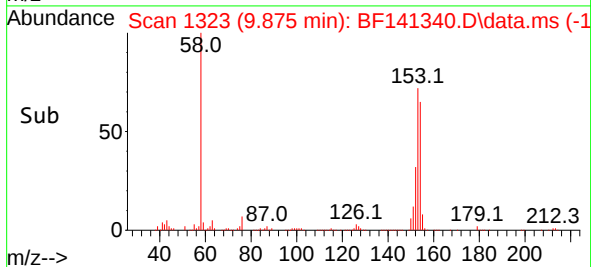
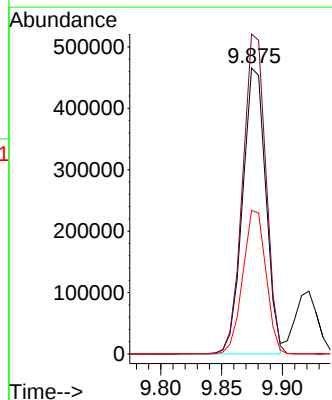
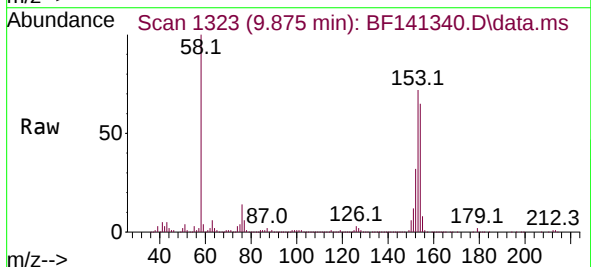
Tgt Ion:154 Resp: 618440

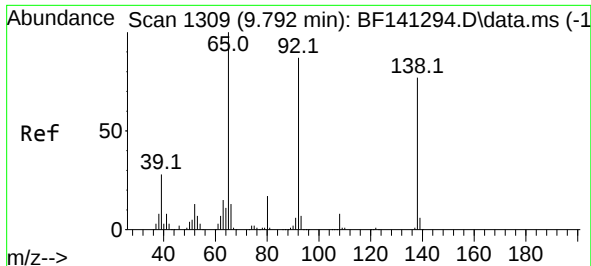
Ion Ratio Lower Upper

154 100

153 111.9 89.0 133.4

152 50.2 40.2 60.4

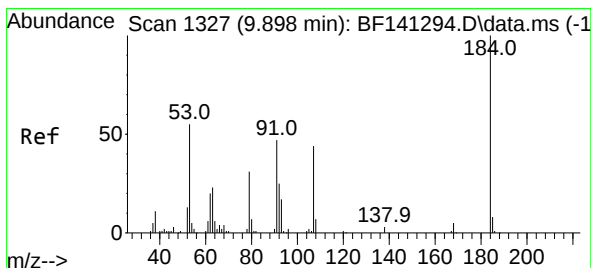
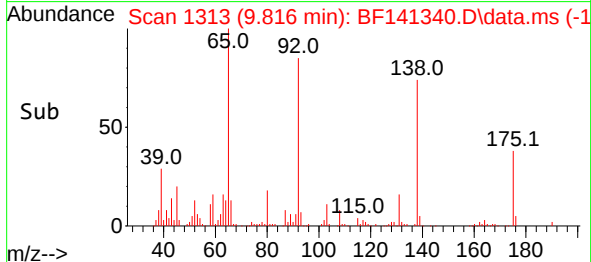
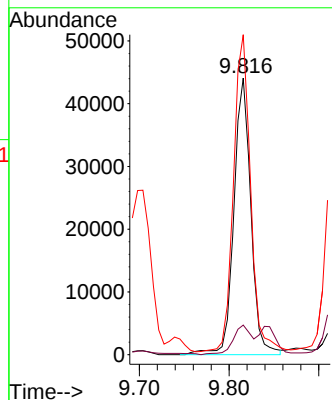
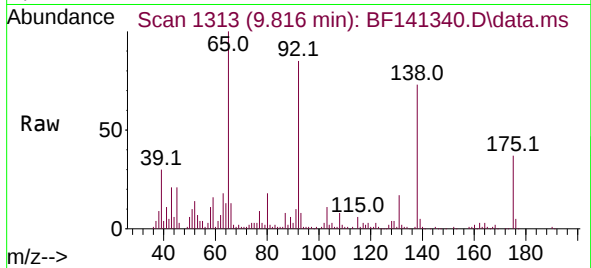




#53
3-Nitroaniline
Concen: 13.927 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.017 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

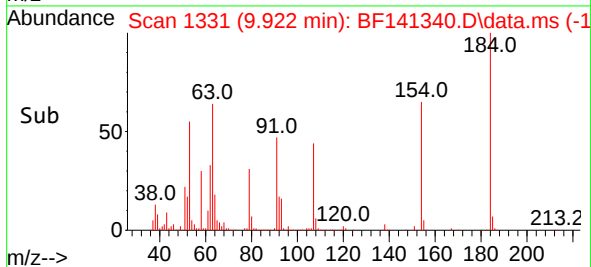
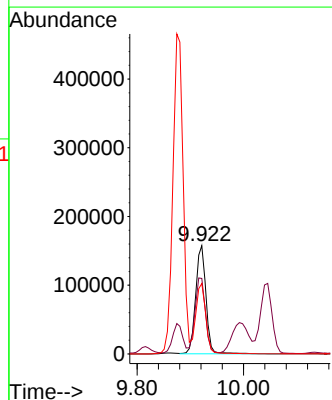
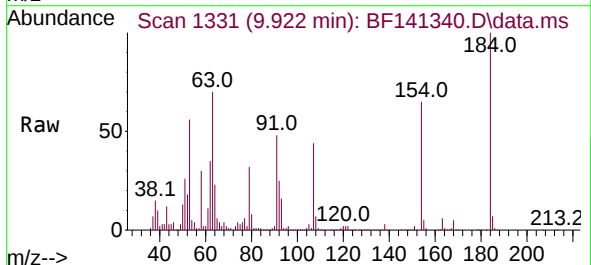
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

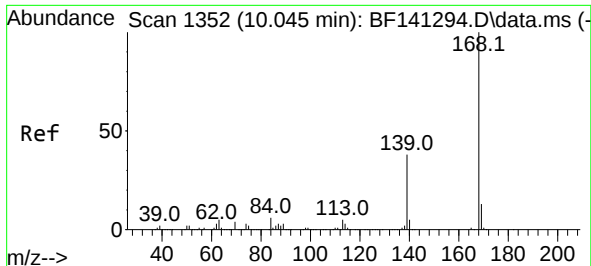
Tgt Ion:138 Resp: 58071
Ion Ratio Lower Upper
138 100
108 10.7 8.6 12.8
92 115.7 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 106.961 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:184 Resp: 211534
Ion Ratio Lower Upper
184 100
63 69.8 54.1 81.1
154 65.1 50.7 76.1

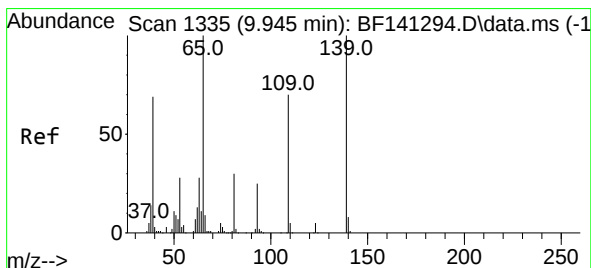
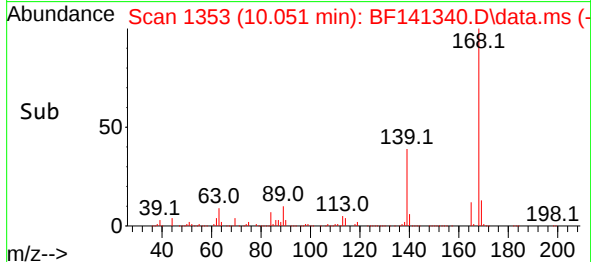
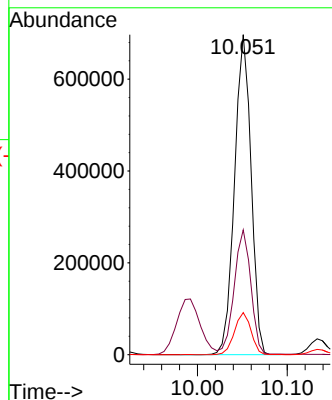
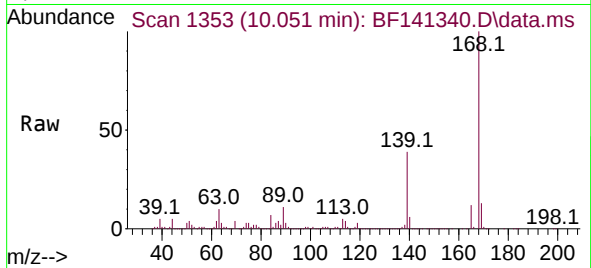




#55
Dibenzenofuran
Concen: 40.410 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

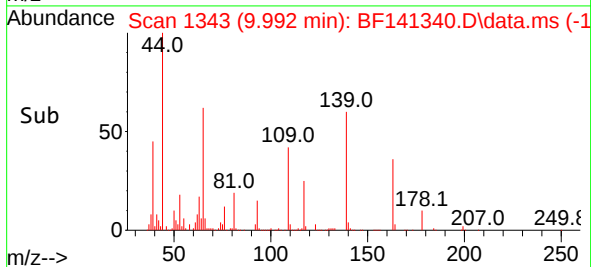
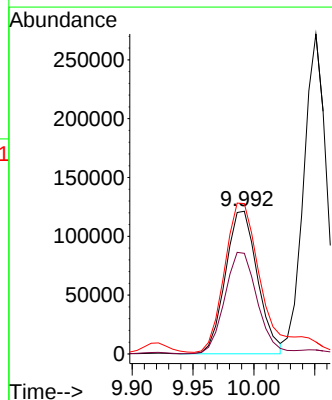
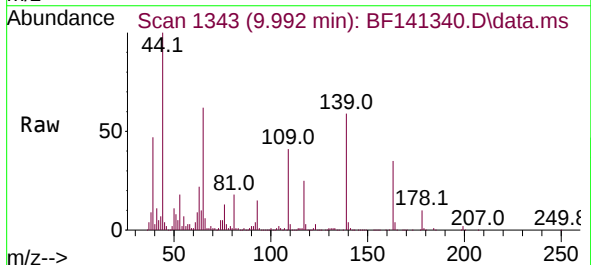
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

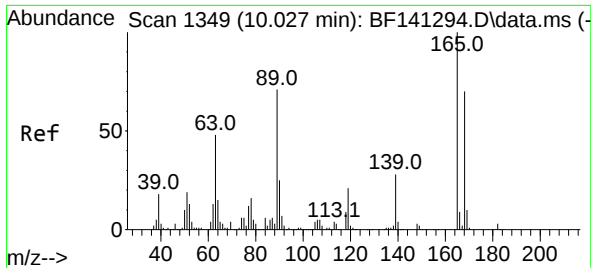
Tgt Ion:168 Resp: 892050
Ion Ratio Lower Upper
168 100
139 39.0 30.6 46.0
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 72.869 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.035 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:139 Resp: 222214
Ion Ratio Lower Upper
139 100
109 70.5 50.2 90.2
65 105.4 80.6 120.6

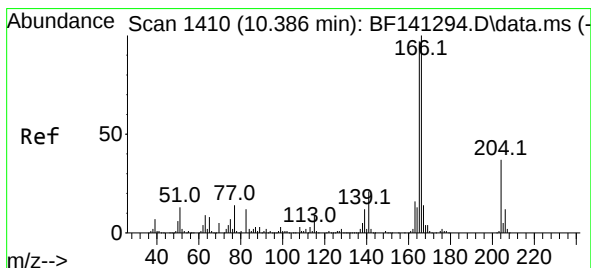
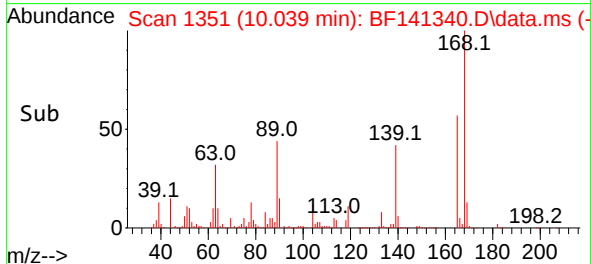
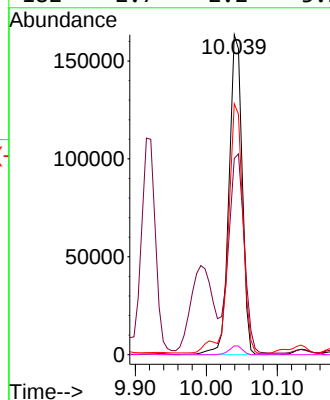
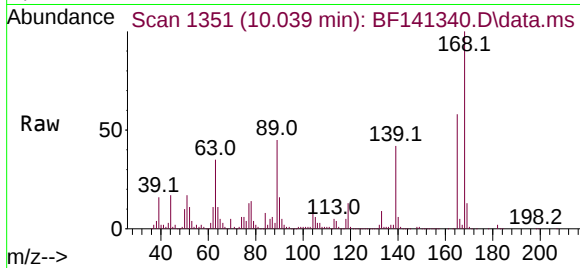




#57
2,4-Dinitrotoluene
Concen: 38.361 ng
RT: 10.039 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

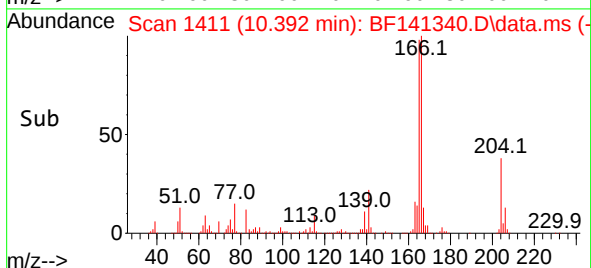
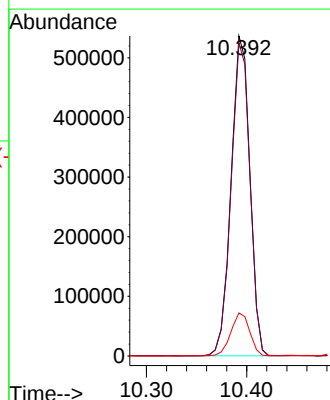
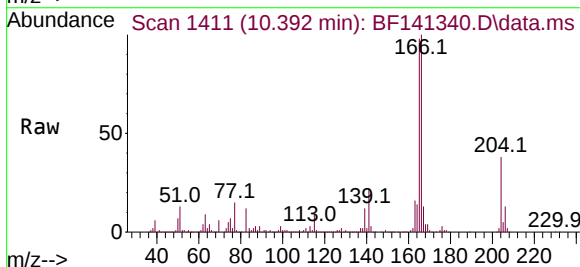
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:165 Resp: 211301
Ion Ratio Lower Upper
165 100
63 61.4 39.2 58.8#
89 78.4 56.9 85.3
182 2.7 2.2 3.2



#58
Fluorene
Concen: 40.687 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:166 Resp: 696694
Ion Ratio Lower Upper
166 100
165 97.9 77.5 116.3
167 13.5 10.9 16.3

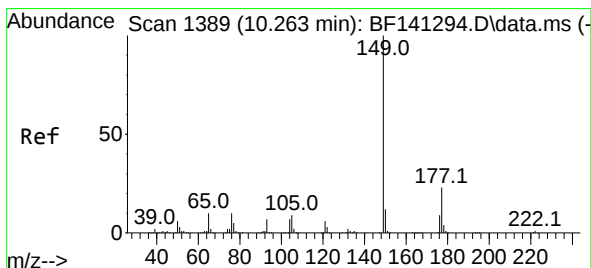
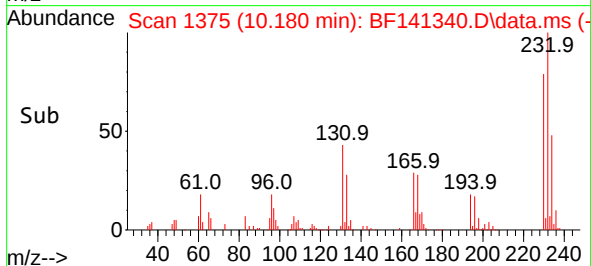
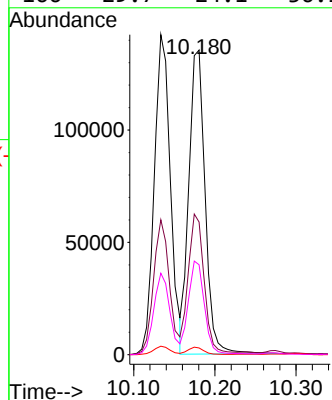
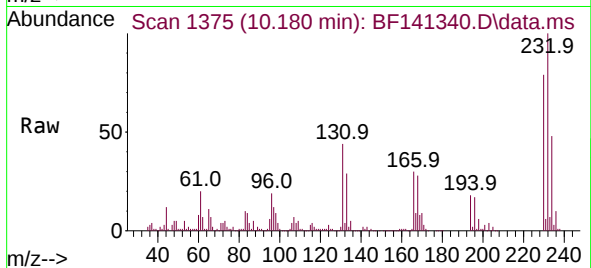




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.744 ng
RT: 10.180 min Scan# 1375
Delta R.T. 0.017 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

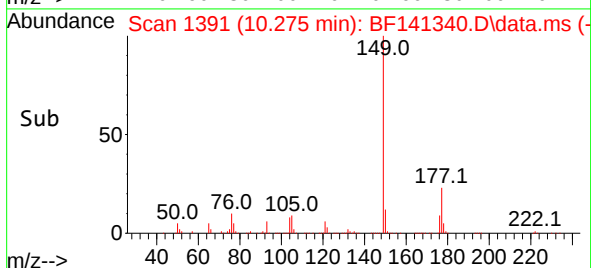
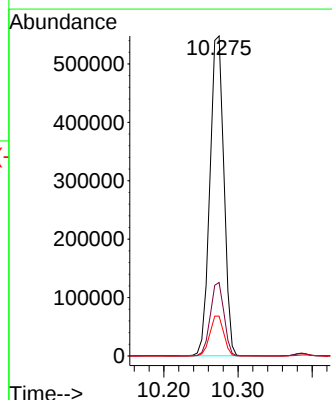
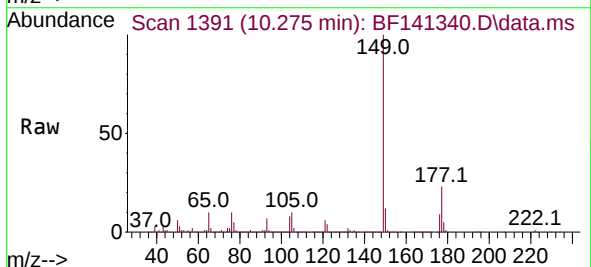
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

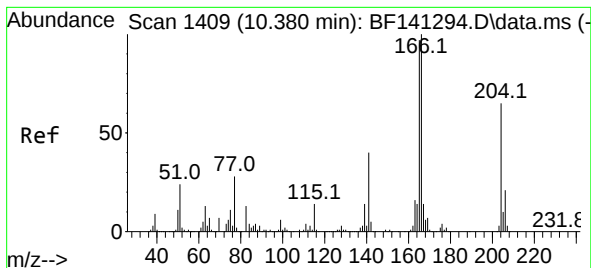
Tgt Ion:232 Resp: 189214
Ion Ratio Lower Upper
232 100
131 43.5 36.4 54.6
130 2.2 1.9 2.9
166 29.7 24.1 36.1



#60
Diethylphthalate
Concen: 40.427 ng
RT: 10.275 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:149 Resp: 718228
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.5 10.0 15.0

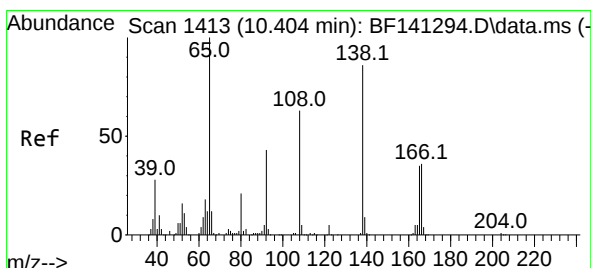
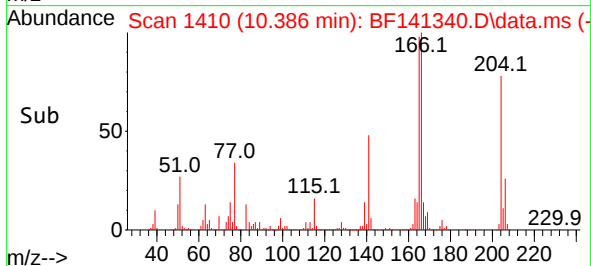
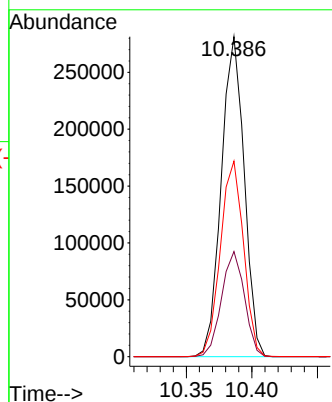
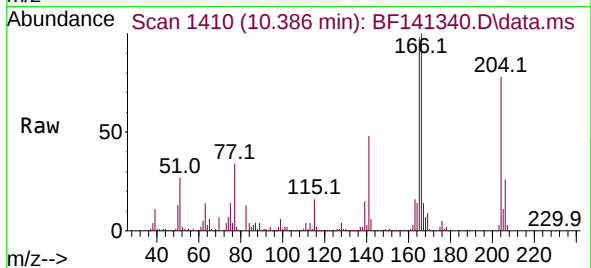




#61
4-Chlorophenyl-phenylether
Concen: 40.818 ng
RT: 10.386 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

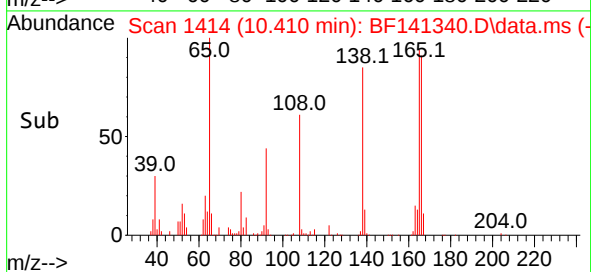
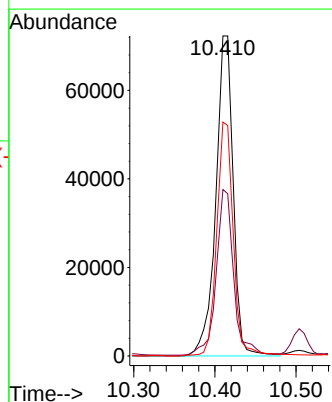
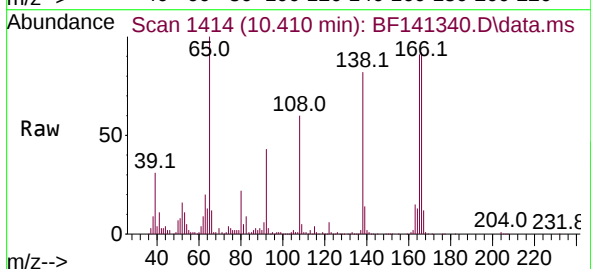
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

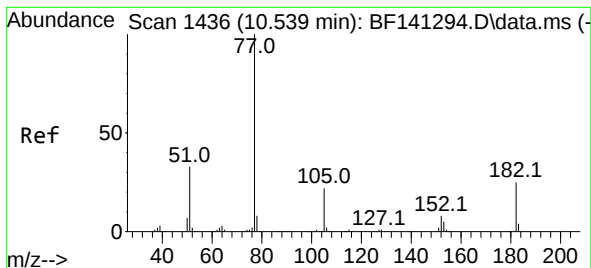
Tgt Ion:204 Resp: 341406
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 61.1 49.5 74.3



#62
4-Nitroaniline
Concen: 26.373 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:138 Resp: 108113
Ion Ratio Lower Upper
138 100
92 52.0 30.1 70.1
108 73.1 53.1 93.1





#63

Azobenzene

Concen: 40.778 ng

RT: 10.545 min Scan# 1436

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

Tgt Ion: 77 Resp: 725174

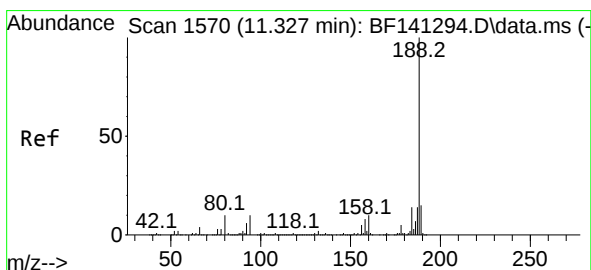
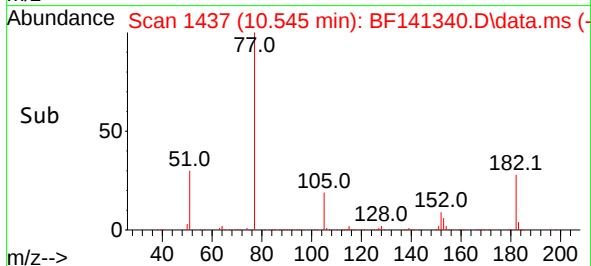
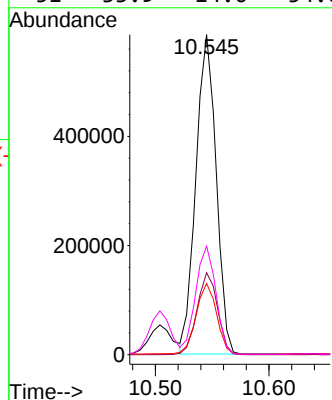
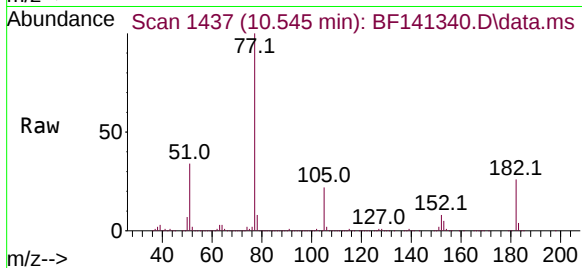
Ion Ratio Lower Upper

77 100

182 25.6 5.1 45.1

105 22.2 1.8 41.8

51 33.9 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1570

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

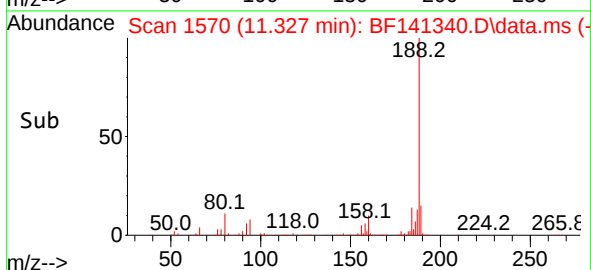
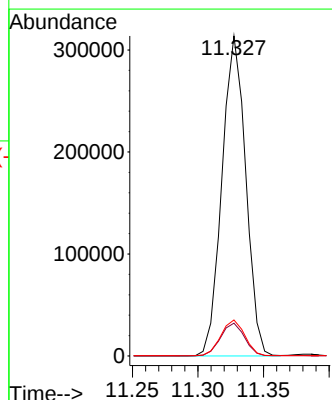
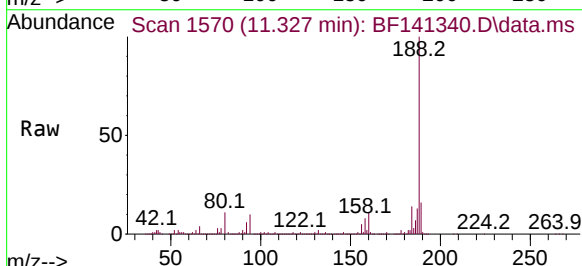
Tgt Ion:188 Resp: 395783

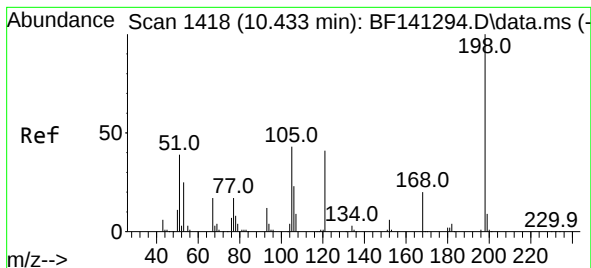
Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.6

80 11.2 8.2 12.4

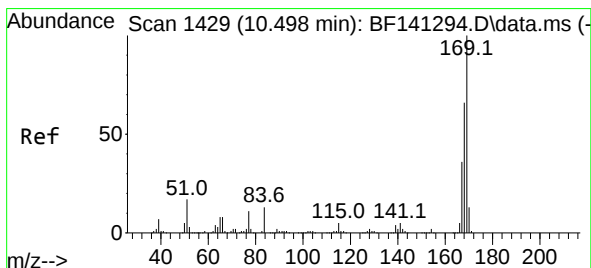
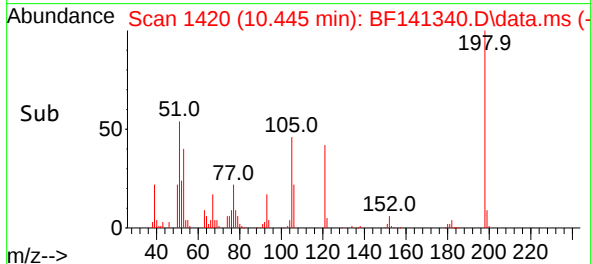
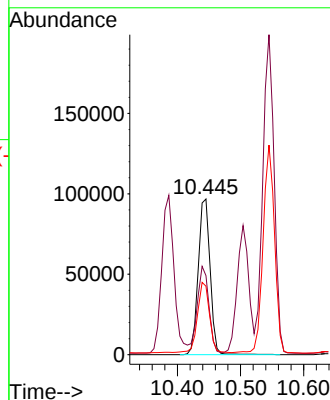
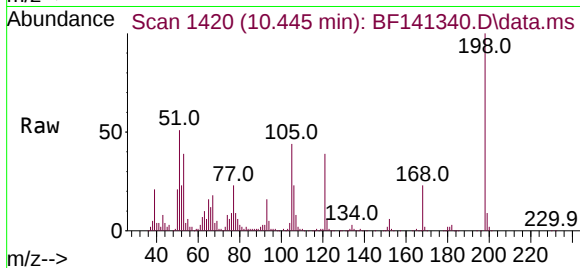




#65
4,6-Dinitro-2-methylphenol
Concen: 54.108 ng
RT: 10.445 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

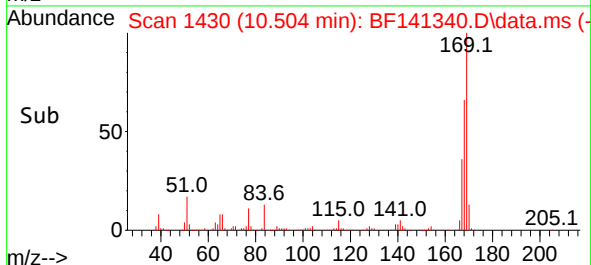
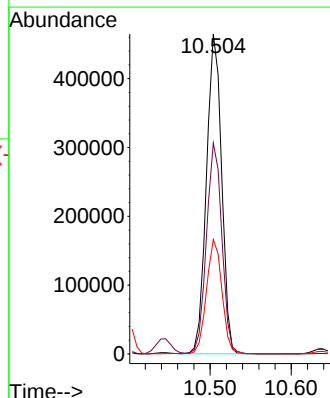
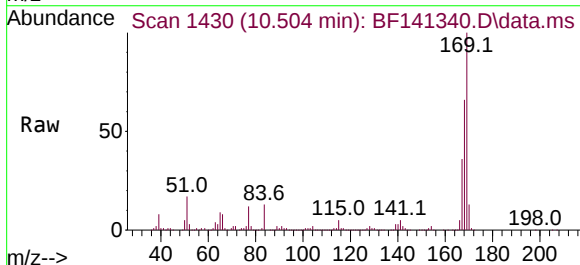
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:198 Resp: 126669
Ion Ratio Lower Upper
198 100
51 50.8 33.4 73.4
105 43.9 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 46.919 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:169 Resp: 600618
Ion Ratio Lower Upper
169 100
168 65.9 53.0 79.4
167 35.8 28.8 43.2

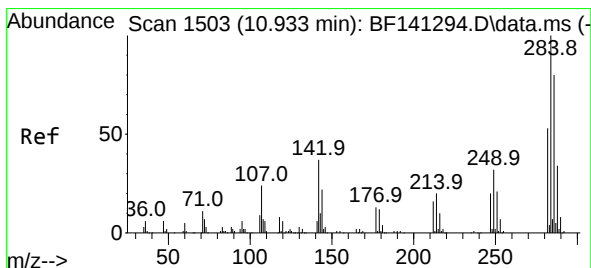
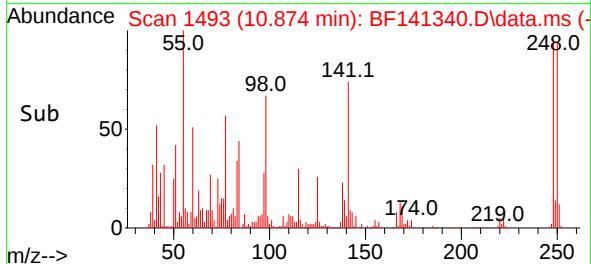
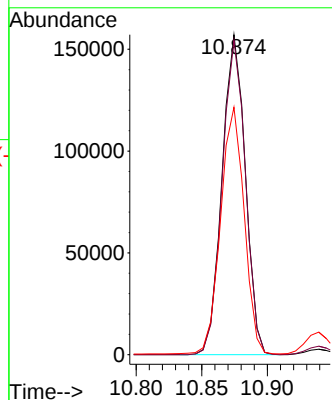
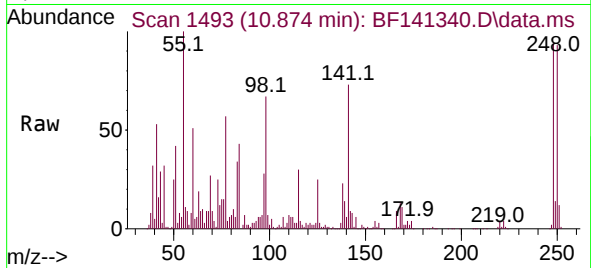




#67
4-Bromophenyl-phenylether
Concen: 43.730 ng
RT: 10.874 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

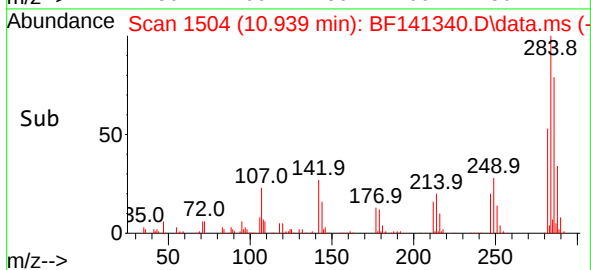
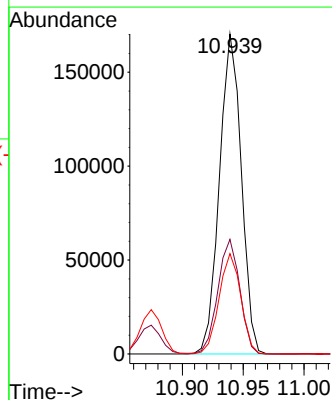
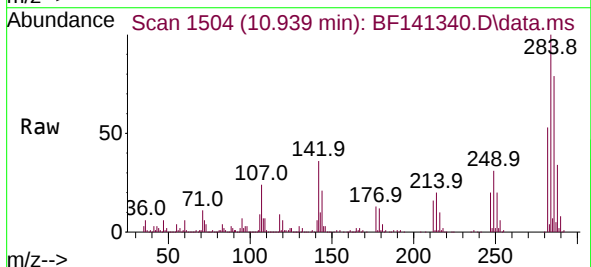
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

Tgt Ion:248 Resp: 193762
Ion Ratio Lower Upper
248 100
250 98.2 79.0 118.4
141 77.3 63.7 95.5



#68
Hexachlorobenzene
Concen: 45.303 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:284 Resp: 212929
Ion Ratio Lower Upper
284 100
142 35.8 29.5 44.3
249 31.3 25.4 38.2





#69

Atrazine

Concen: 32.088 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

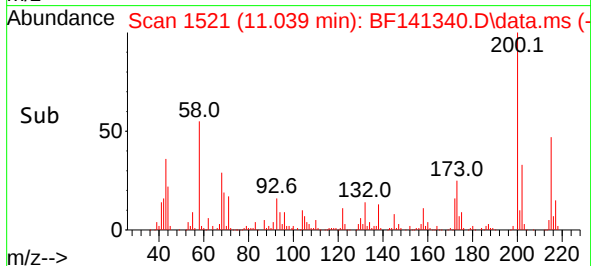
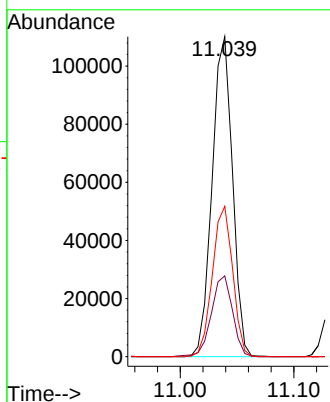
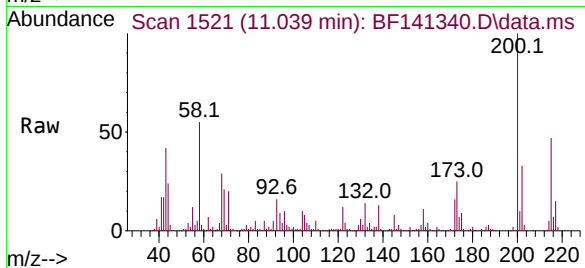
Tgt Ion:200 Resp: 137336

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 47.0 25.2 65.2



#70

Pentachlorophenol

Concen: 94.198 ng

RT: 11.139 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

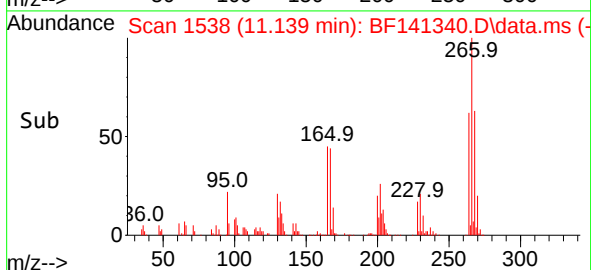
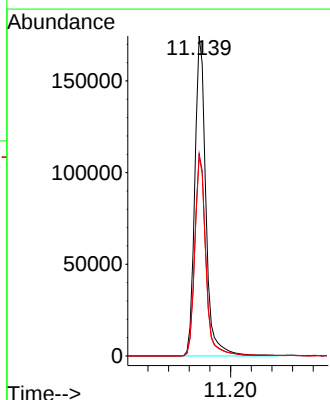
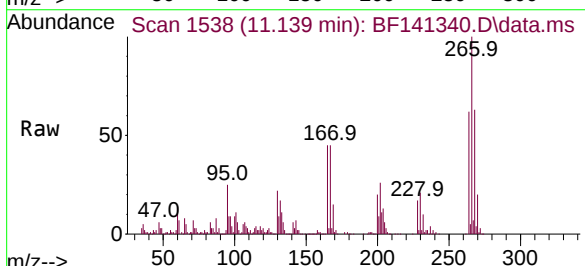
Tgt Ion:266 Resp: 259262

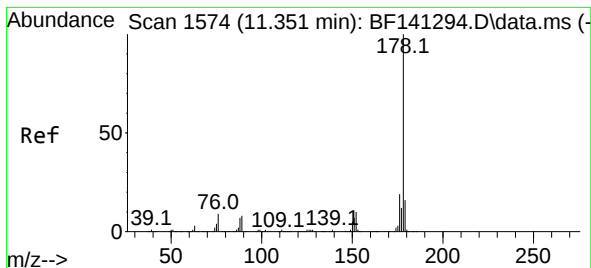
Ion Ratio Lower Upper

266 100

268 63.2 49.9 74.9

264 62.4 51.0 76.4





#71

Phenanthrene

Concen: 43.712 ng

RT: 11.351 min Scan# 1574

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

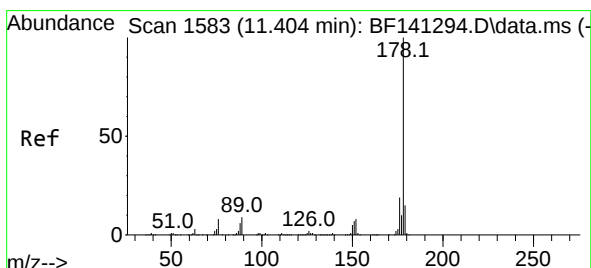
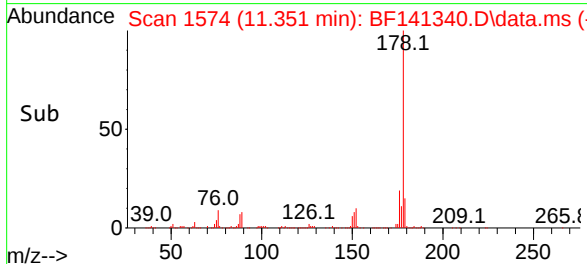
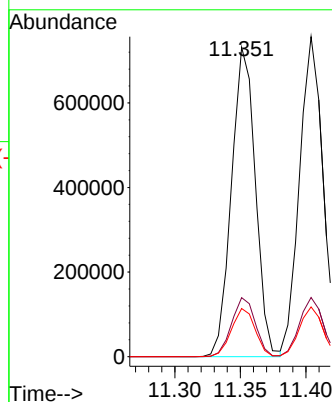
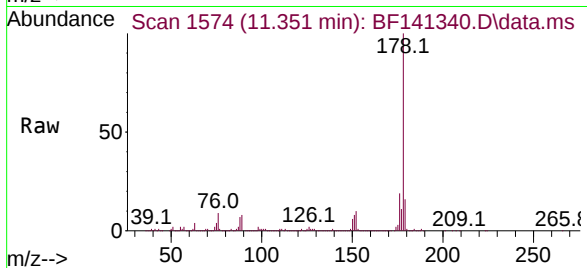
Tgt Ion:178 Resp: 929973

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.6 12.5 18.7



#72

Anthracene

Concen: 44.922 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

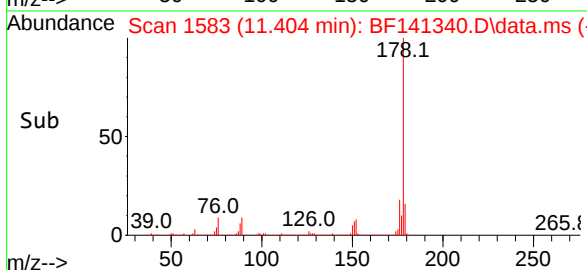
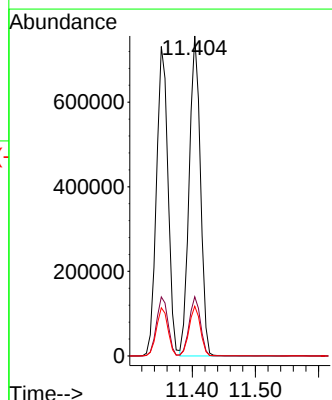
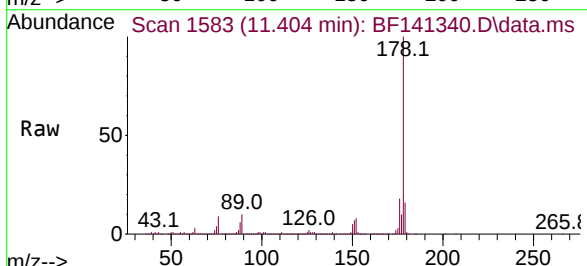
Tgt Ion:178 Resp: 936429

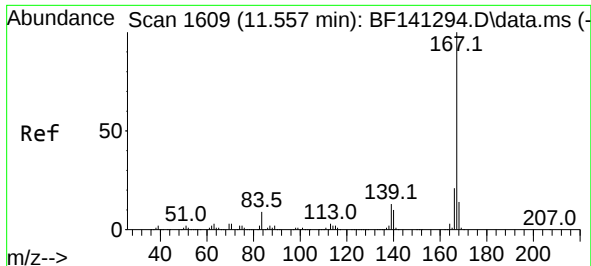
Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.6

179 15.6 12.3 18.5

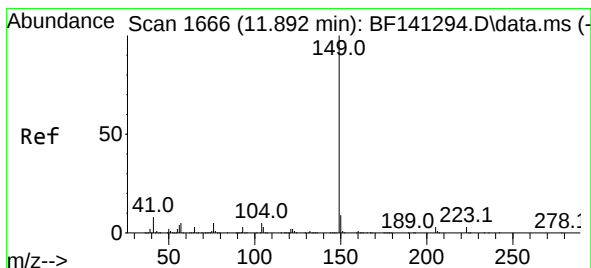
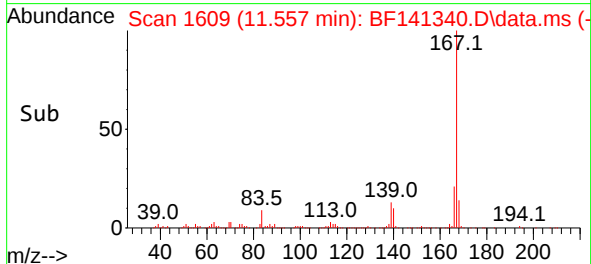
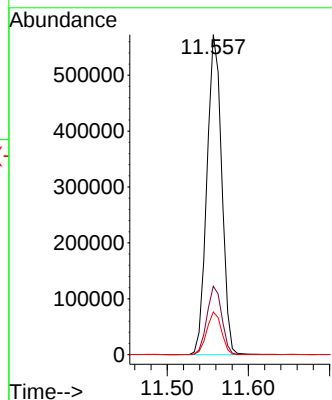
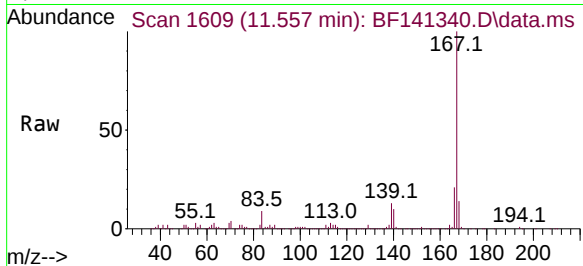




#73
 Carbazole
 Concen: 39.076 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

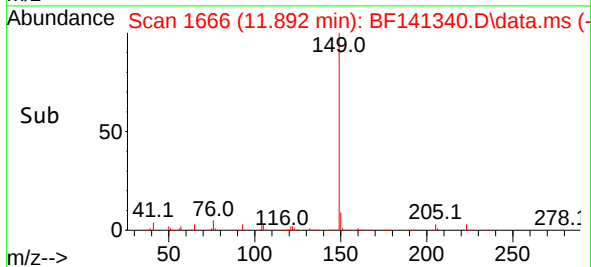
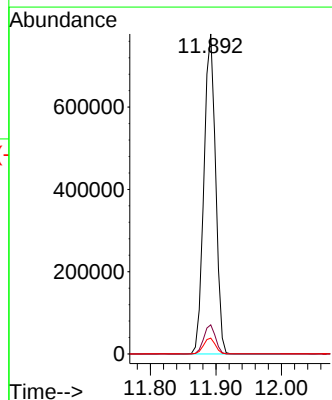
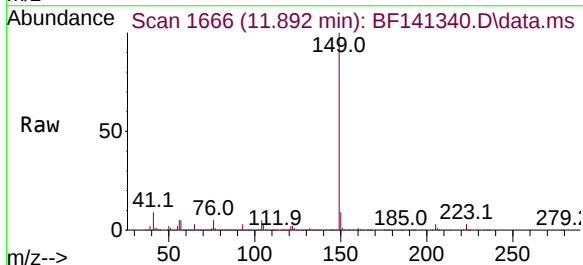
Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

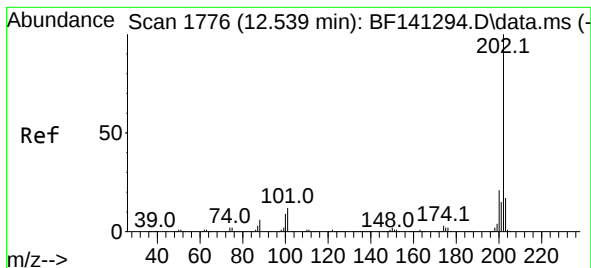
Tgt Ion:167 Resp: 722300
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 42.948 ng
 RT: 11.892 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Tgt Ion:149 Resp: 962080
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 39.883 ng

RT: 12.539 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

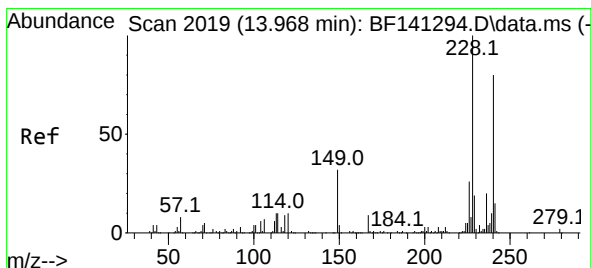
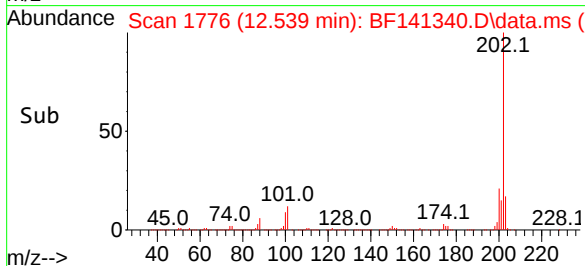
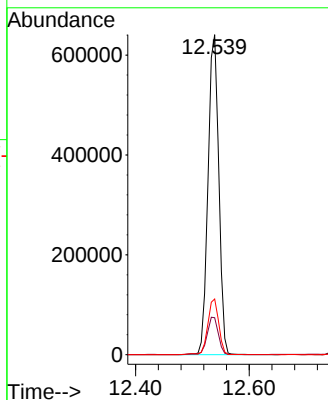
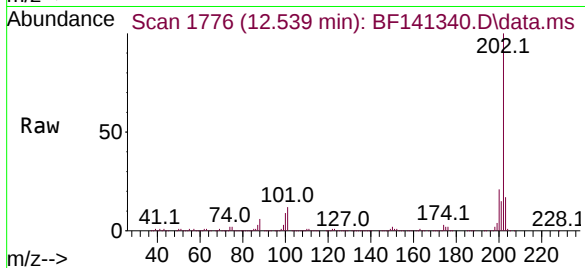
Tgt Ion:202 Resp: 837807

Ion Ratio Lower Upper

202 100

101 11.6 0.0 31.7

203 17.4 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

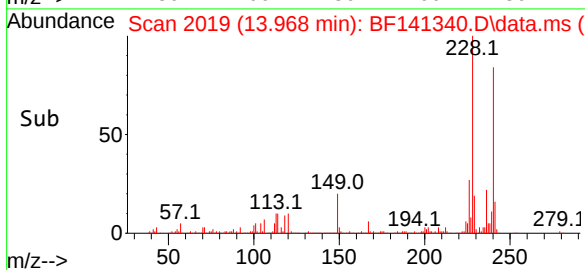
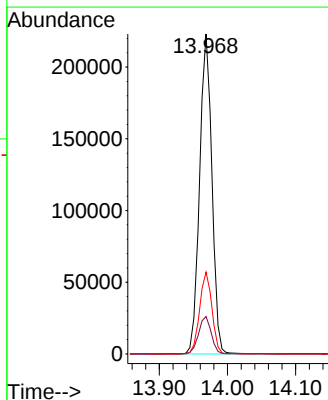
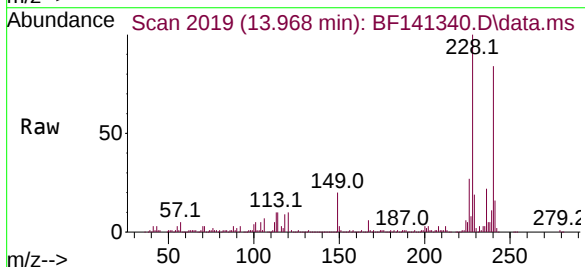
Tgt Ion:240 Resp: 279691

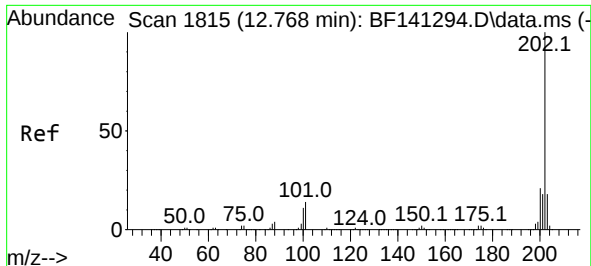
Ion Ratio Lower Upper

240 100

120 11.7 10.0 15.0

236 25.6 19.7 29.5

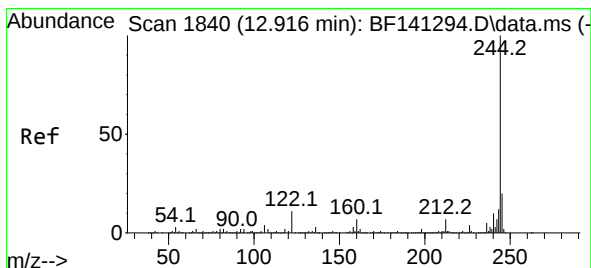
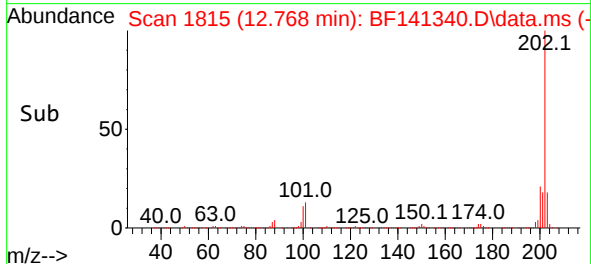
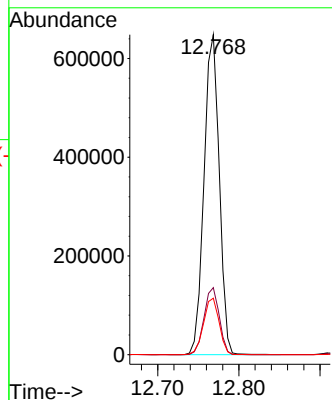
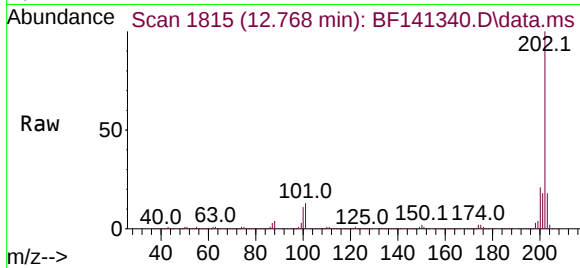




#78
Pyrene
Concen: 31.437 ng
RT: 12.768 min Scan# 1815
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

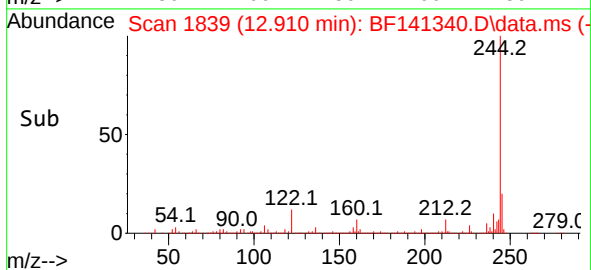
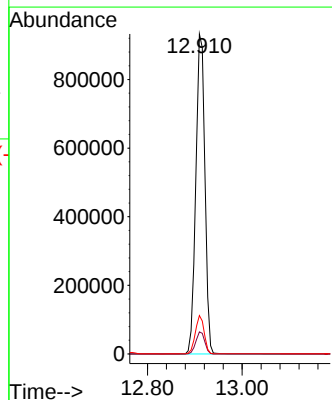
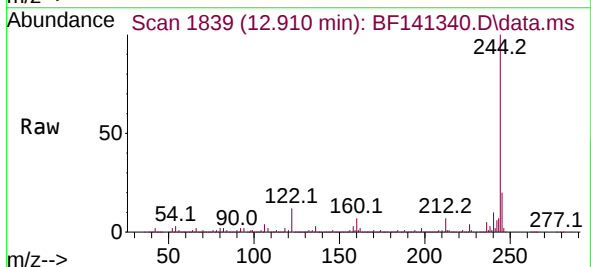
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

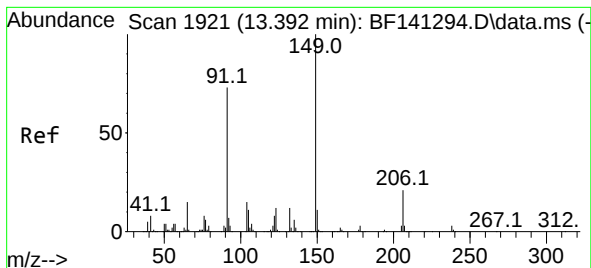
Tgt Ion:202 Resp: 844011
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.7 14.3 21.5



#79
Terphenyl-d14
Concen: 68.245 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:244 Resp: 1237686
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 12.0 8.8 13.2

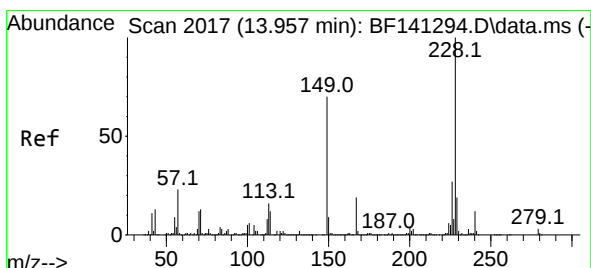
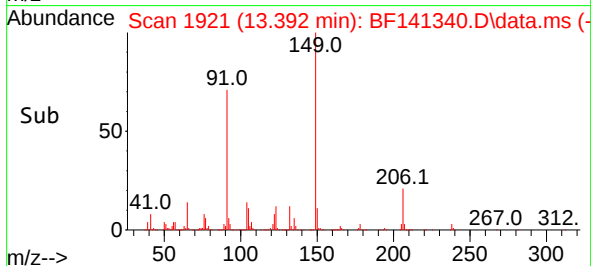
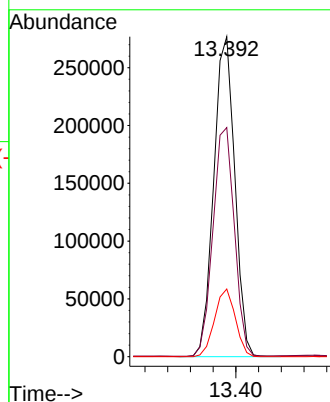
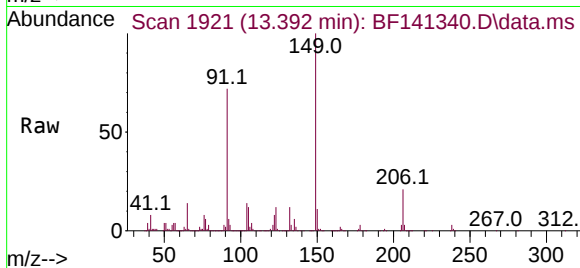




#80
Butylbenzylphthalate
Concen: 37.995 ng
RT: 13.392 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

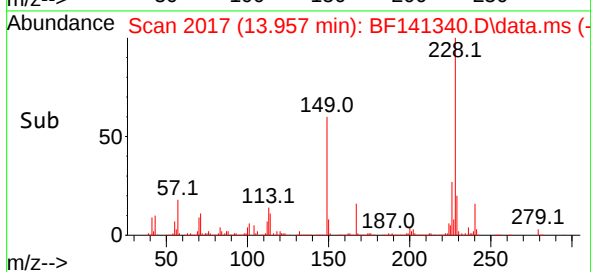
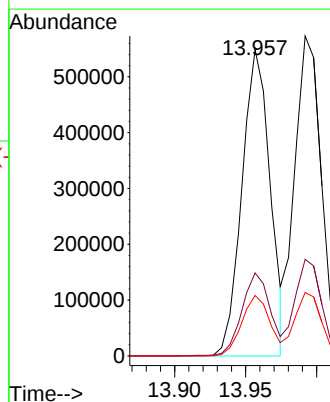
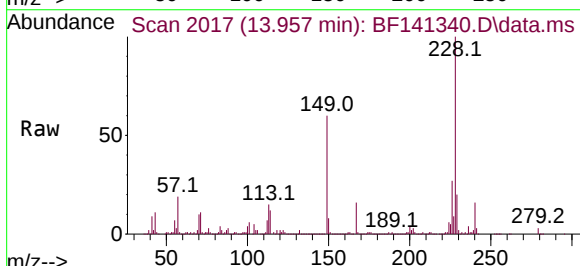
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

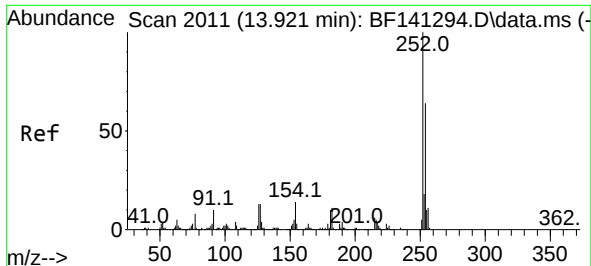
Tgt Ion:149 Resp: 356371
Ion Ratio Lower Upper
149 100
91 71.6 58.6 87.8
206 21.2 16.7 25.1



#81
Benzo(a)anthracene
Concen: 39.218 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:228 Resp: 756912
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.7 15.5 23.3

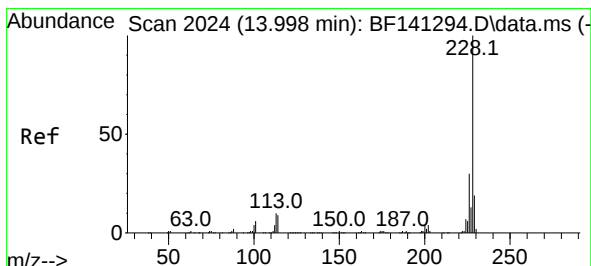
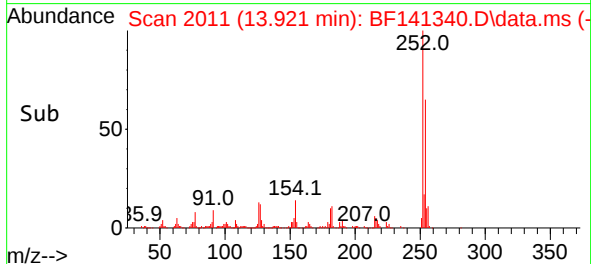
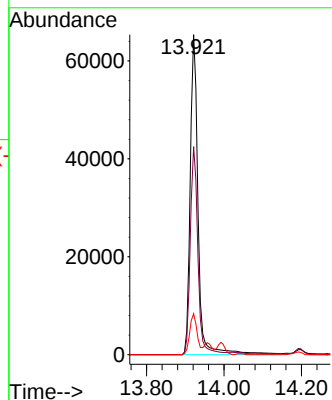
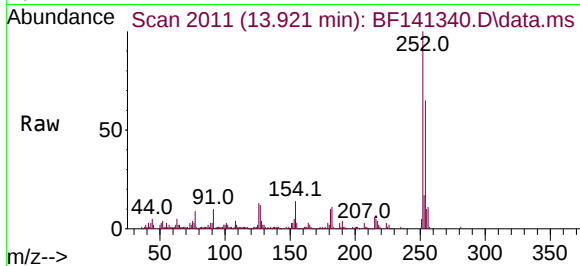




#82
 3,3'-Dichlorobenzidine
 Concen: 15.050 ng
 RT: 13.921 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

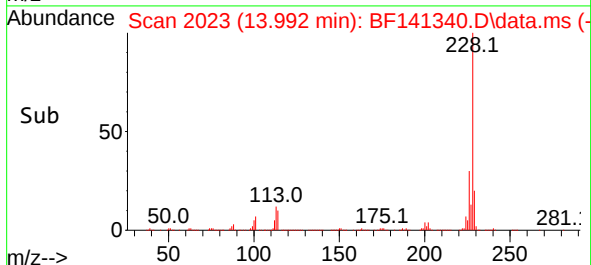
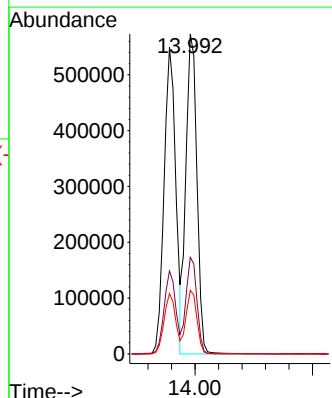
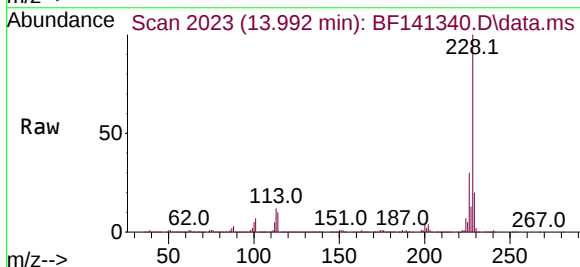
Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

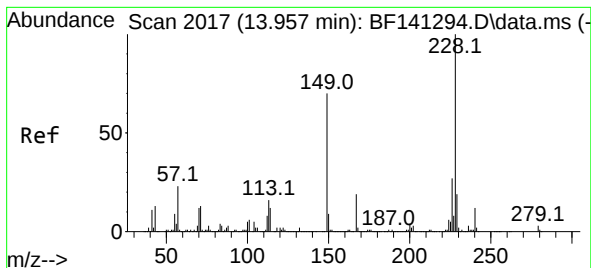
Tgt Ion:252 Resp: 92382
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.3 76.9
 126 12.8 10.0 15.0



#83
 Chrysene
 Concen: 42.095 ng
 RT: 13.992 min Scan# 2023
 Delta R.T. -0.006 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Tgt Ion:228 Resp: 744577
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.1 36.1
 229 19.9 15.6 23.4

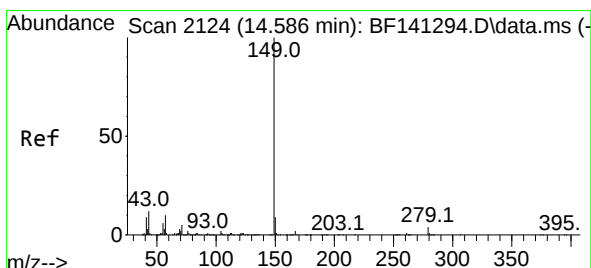
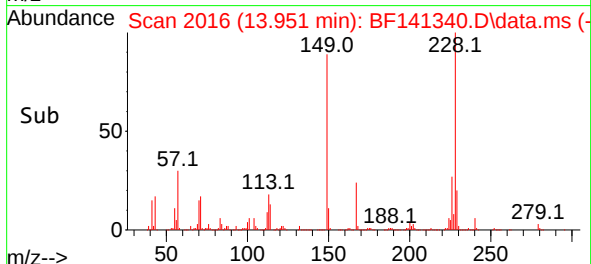
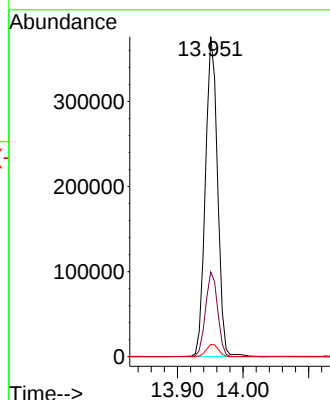
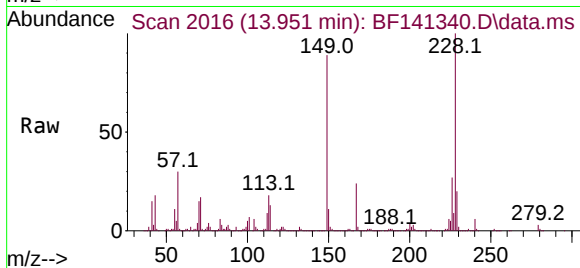




#84
Bis(2-ethylhexyl)phthalate
Concen: 40.723 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

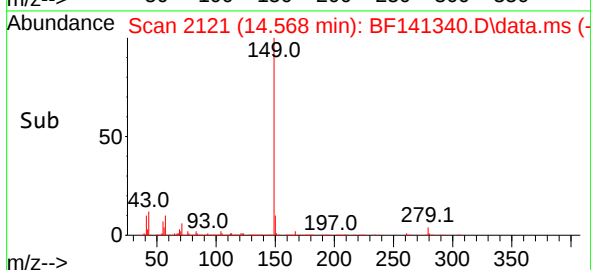
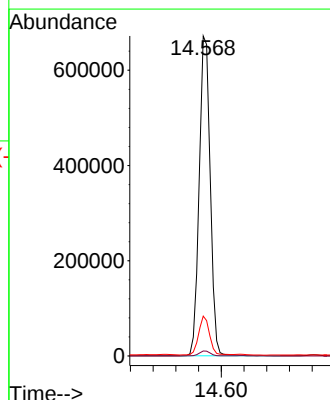
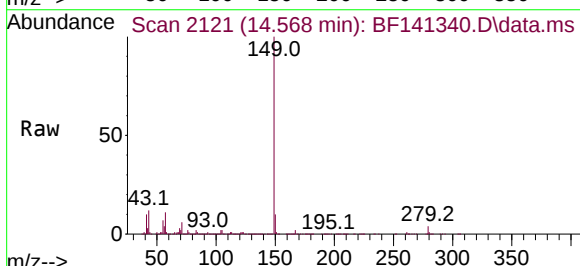
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

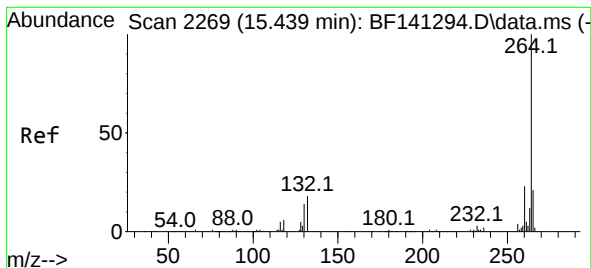
Tgt Ion:149 Resp: 484536
Ion Ratio Lower Upper
149 100
167 26.5 21.8 32.8
279 3.8 3.3 4.9



#85
Di-n-octyl phthalate
Concen: 49.152 ng
RT: 14.568 min Scan# 2121
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:149 Resp: 908345
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.9 9.8 14.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

Instrument :

BNA_F

ClientSampleId :

BELL-25-002MSD

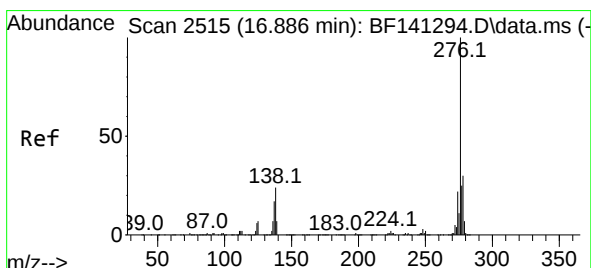
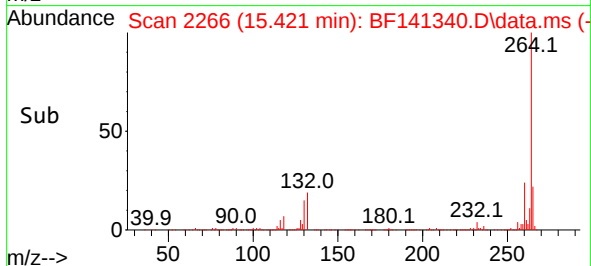
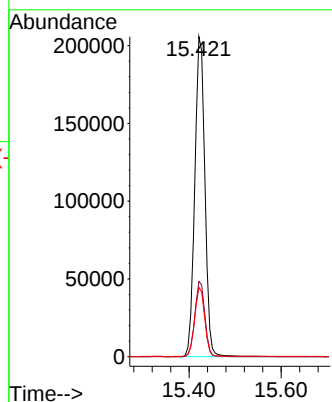
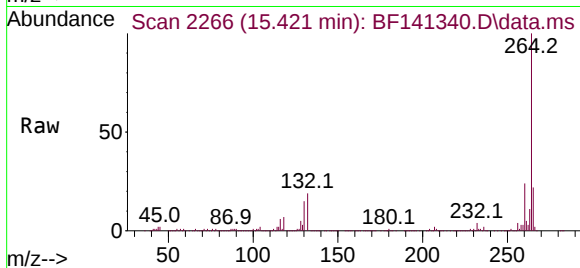
Tgt Ion:264 Resp: 312761

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

265 21.7 16.7 25.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 38.276 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.024 min

Lab File: BF141340.D

Acq: 31 Jan 2025 19:11

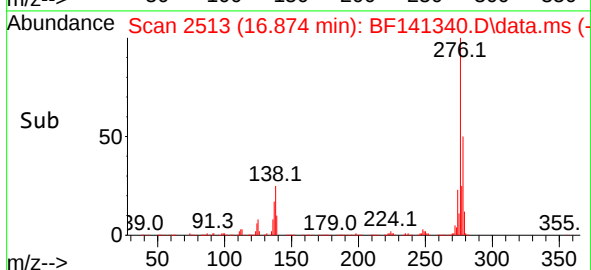
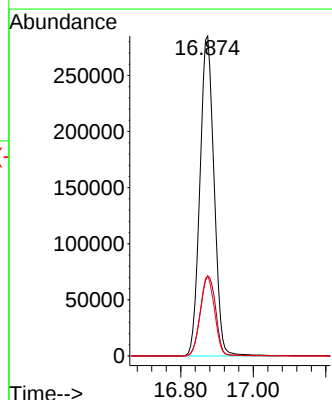
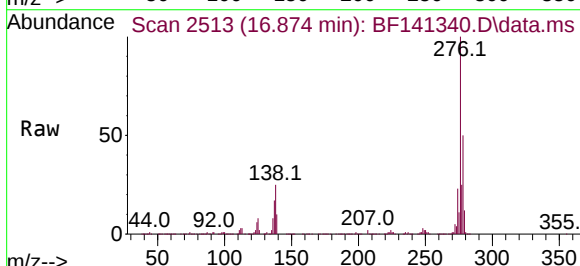
Tgt Ion:276 Resp: 772651

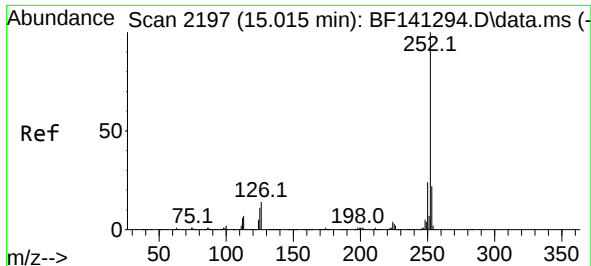
Ion Ratio Lower Upper

276 100

138 26.9 21.7 32.5

277 25.3 20.3 30.5

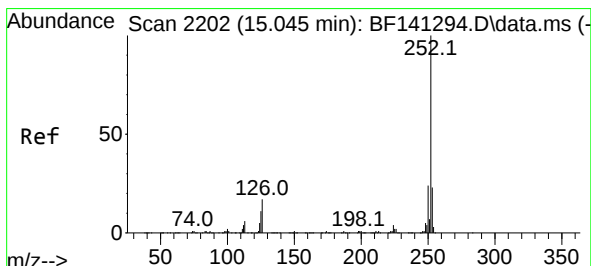
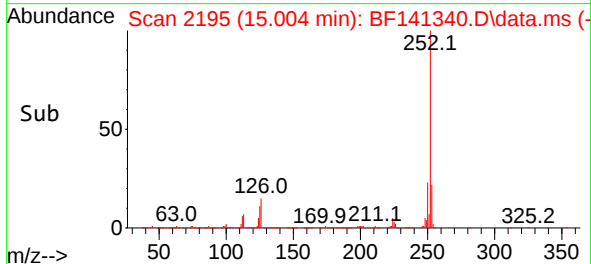
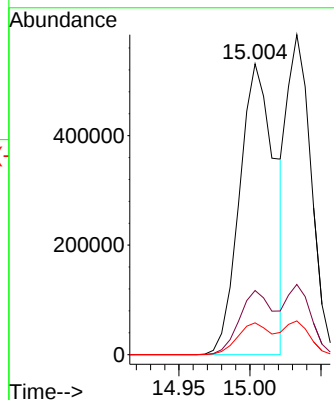
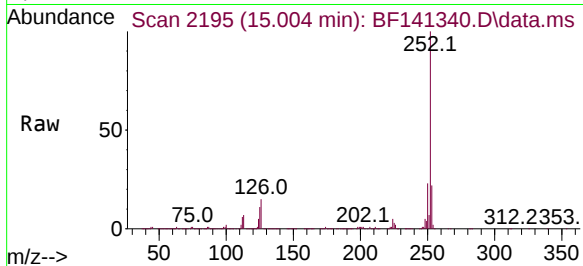




#88
Benzo(b)fluoranthene
Concen: 46.793 ng
RT: 15.004 min Scan# 2197
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

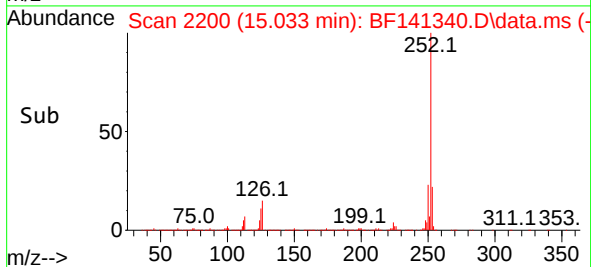
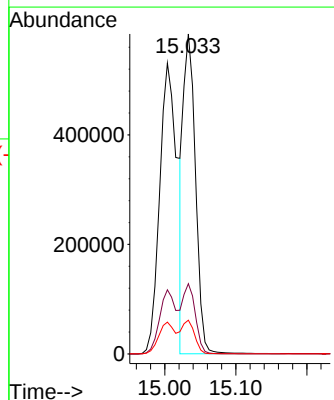
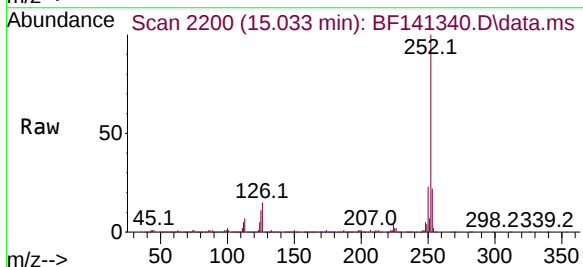
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

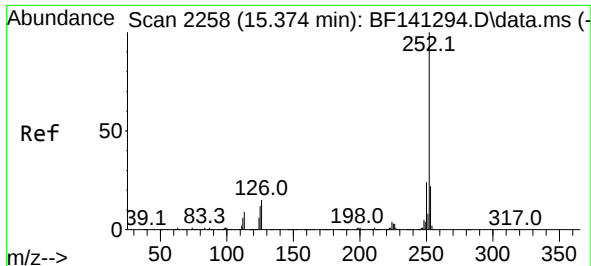
Tgt Ion:252 Resp: 920585
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.0 8.6 12.8



#89
Benzo(k)fluoranthene
Concen: 39.853 ng
RT: 15.033 min Scan# 2200
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:252 Resp: 694577
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.6 8.4 12.6

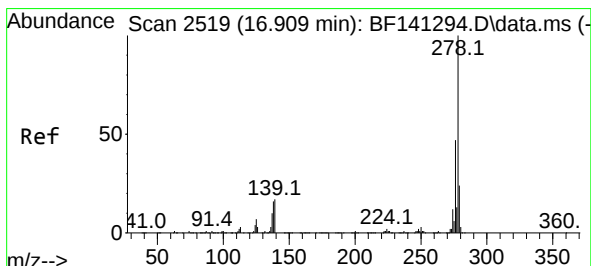
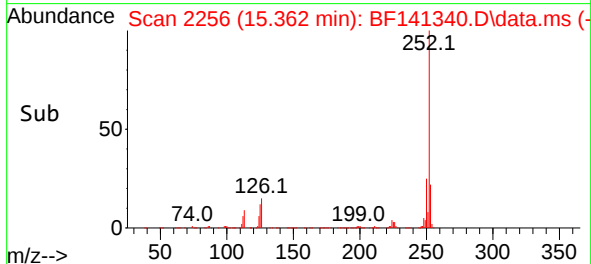
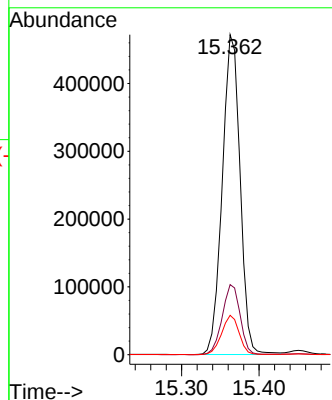
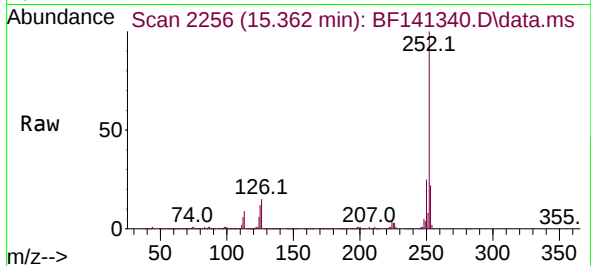




#90
Benzo(a)pyrene
Concen: 45.348 ng
RT: 15.362 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

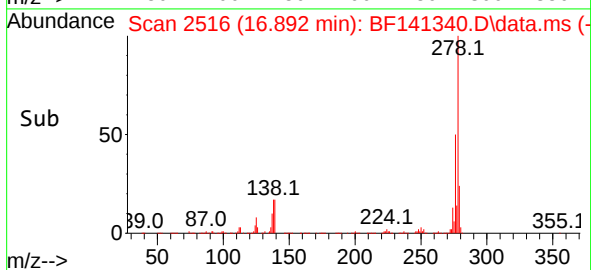
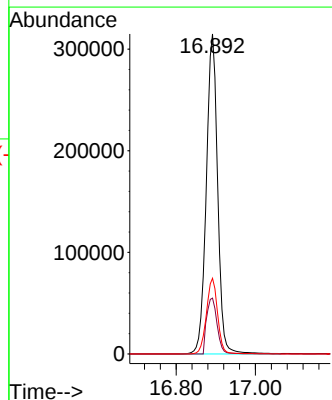
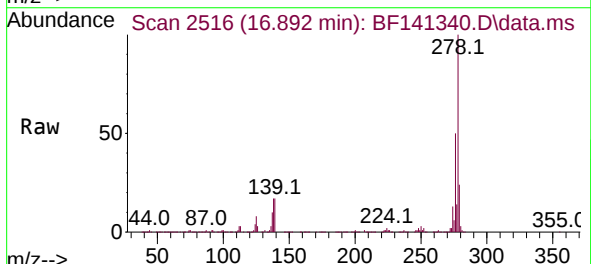
Instrument :
BNA_F
ClientSampleId :
BELL-25-002MSD

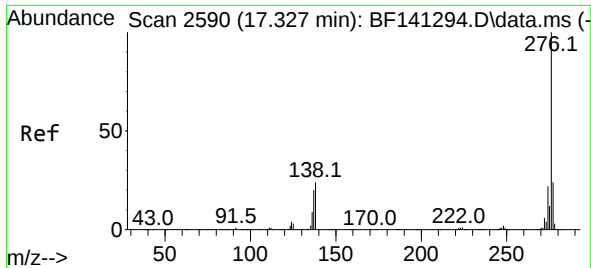
Tgt Ion:252 Resp: 753917
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 12.3 9.4 14.2



#91
Dibenzo(a,h)anthracene
Concen: 38.631 ng
RT: 16.892 min Scan# 2516
Delta R.T. -0.030 min
Lab File: BF141340.D
Acq: 31 Jan 2025 19:11

Tgt Ion:278 Resp: 627391
Ion Ratio Lower Upper
278 100
139 17.4 13.9 20.9
279 23.6 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 33.950 ng
 RT: 17.309 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141340.D
 Acq: 31 Jan 2025 19:11

Instrument :
 BNA_F
 ClientSampleId :
 BELL-25-002MSD

Tgt Ion:276 Resp: 573319
 Ion Ratio Lower Upper
 276 100
 277 23.7 19.2 28.8
 138 23.4 19.0 28.4

