

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
 Data File : BF143632.D
 Acq On : 03 Sep 2025 18:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090325

Quant Time: Sep 03 18:50:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 03 18:35:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100123	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	381917	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	220601	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	360686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	214464	20.000	ng	0.00
86) Perylene-d12	15.527	264	210301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	464232	82.141	ng	0.00
7) Phenol-d6	6.510	99	571265	81.440	ng	0.00
23) Nitrobenzene-d5	7.457	82	514243	94.635	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	177260	96.090	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1082464	78.395	ng	0.00
79) Terphenyl-d14	12.998	244	1088902	84.599	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	107255	40.223	ng	97
3) Pyridine	3.446	79	283049	40.066	ng	100
4) n-Nitrosodimethylamine	3.398	42	117848	40.165	ng	97
6) Aniline	6.557	93	394292	40.382	ng	100
8) 2-Chlorophenol	6.675	128	255774	43.700	ng	100
9) Benzaldehyde	6.445	77	227875	43.723	ng	99
10) Phenol	6.528	94	337026	43.824	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	241751	40.138	ng	100
12) 1,3-Dichlorobenzene	6.834	146	288666	39.963	ng	99
13) 1,4-Dichlorobenzene	6.910	146	291834	40.281	ng	99
14) 1,2-Dichlorobenzene	7.063	146	274664	40.058	ng	99
15) Benzyl Alcohol	7.028	79	221422	41.542	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	379121	39.994	ng	100
17) 2-Methylphenol	7.133	107	210073	41.050	ng	99
18) Hexachloroethane	7.404	117	97657	43.207	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	184324	41.264	ng	99
20) 3+4-Methylphenols	7.292	107	267195	41.478	ng	# 84
22) Acetophenone	7.298	105	344508	39.888	ng	98
24) Nitrobenzene	7.475	77	269052	46.307	ng	99
25) Isophorone	7.716	82	500818	40.900	ng	99
26) 2-Nitrophenol	7.786	139	122779	48.638	ng	99
27) 2,4-Dimethylphenol	7.822	122	226455	42.477	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	299733	40.040	ng	99
29) 2,4-Dichlorophenol	8.022	162	227614	43.509	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	232627	40.803	ng	99
31) Naphthalene	8.198	128	757207	40.534	ng	99
32) Benzoic acid	7.922	122	140096	43.965	ng	99
33) 4-Chloroaniline	8.239	127	271767	42.015	ng	99
34) Hexachlorobutadiene	8.316	225	152623	41.155	ng	98
35) Caprolactam	8.616	113	65447	46.683	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	234209	42.754	ng	98
37) 2-Methylnaphthalene	8.886	142	517134	40.926	ng	100
38) 1-Methylnaphthalene	8.986	142	494172	40.905	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	244992	40.184	ng	100
41) Hexachlorocyclopentadiene	9.039	237	129745	43.824	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	166398	44.299	ng	100

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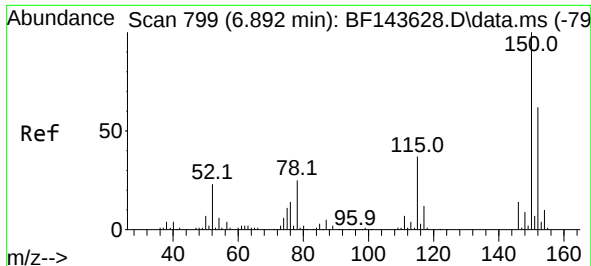
Quant Time: Sep 03 18:50:39 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	173836	44.828	ng	99
46) 1,1'-Biphenyl	9.351	154	618582	39.427	ng	99
47) 2-Chloronaphthalene	9.375	162	490178	39.923	ng	99
48) 2-Nitroaniline	9.469	65	143084	43.292	ng	94
49) Acenaphthylene	9.786	152	709673	40.106	ng	100
50) Dimethylphthalate	9.645	163	584640	41.853	ng	100
51) 2,6-Dinitrotoluene	9.710	165	112910	44.730	ng	98
52) Acenaphthene	9.963	154	477229	40.318	ng	99
53) 3-Nitroaniline	9.874	138	125544	44.802	ng	96
54) 2,4-Dinitrophenol	9.980	184	45943	49.295	ng #	1
55) Dibenzofuran	10.133	168	695273	40.431	ng	99
56) 4-Nitrophenol	10.022	139	101826	49.165	ng	99
57) 2,4-Dinitrotoluene	10.110	165	154050	45.057	ng	97
58) Fluorene	10.474	166	528563	39.738	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	141539	48.060	ng	99
60) Diethylphthalate	10.351	149	558700	42.130	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	266241	40.113	ng	99
62) 4-Nitroaniline	10.492	138	120822	44.281	ng	100
63) Azobenzene	10.627	77	510908	40.872	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	69004	45.635	ng	98
66) n-Nitrosodiphenylamine	10.586	169	460184	39.529	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	170275	40.705	ng	99
68) Hexachlorobenzene	11.021	284	176691	40.211	ng	98
69) Atrazine	11.110	200	154572	44.412	ng	99
70) Pentachlorophenol	11.210	266	115474	46.782	ng	98
71) Phenanthrene	11.439	178	770645	39.513	ng	100
72) Anthracene	11.492	178	785121	40.137	ng	99
73) Carbazole	11.645	167	679889	41.236	ng	100
74) Di-n-butylphthalate	11.974	149	830341	44.853	ng	100
75) Fluoranthene	12.627	202	734571	41.009	ng	99
77) Benzidine	12.745	184	213251	43.461	ng	99
78) Pyrene	12.857	202	738127	41.709	ng	100
80) Butylbenzylphthalate	13.474	149	248214	44.299	ng	99
81) Benzo(a)anthracene	14.039	228	546964	39.375	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	163766	43.248	ng	99
83) Chrysene	14.080	228	522200	41.820	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	330937	42.177	ng	100
85) Di-n-octyl phthalate	14.645	149	566498	44.521	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	607369	41.428	ng	100
88) Benzo(b)fluoranthene	15.092	252	528781	41.733	ng	99
89) Benzo(k)fluoranthene	15.121	252	437889	39.962	ng	99
90) Benzo(a)pyrene	15.462	252	448665	41.194	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	497846	41.286	ng	100
92) Benzo(g,h,i)perylene	17.474	276	472073	40.640	ng	100

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

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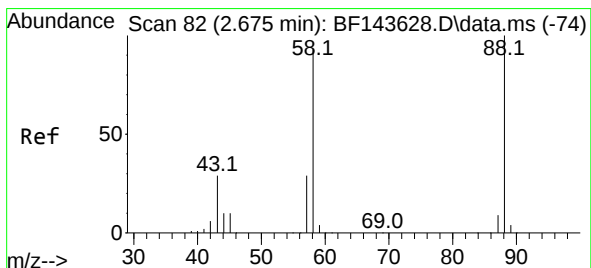
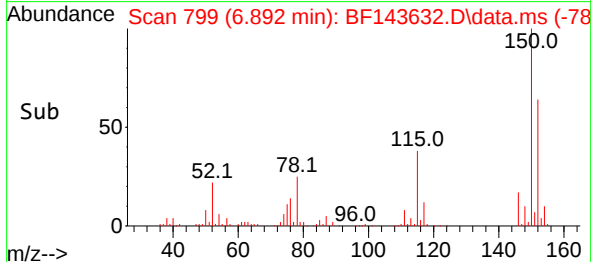
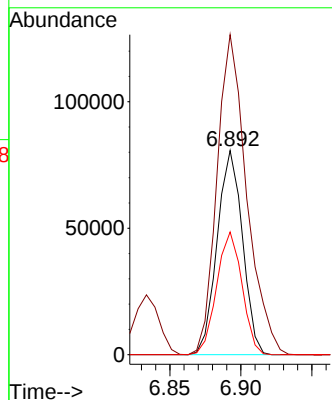
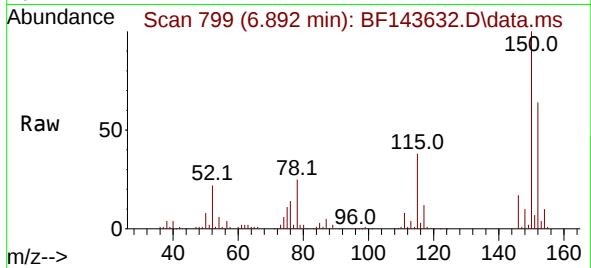




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

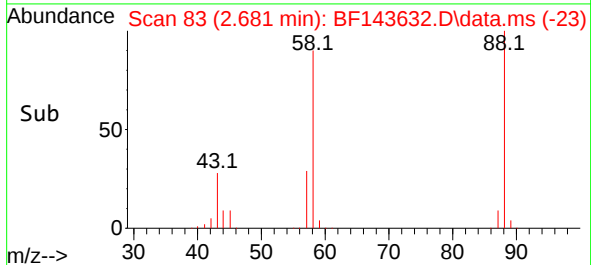
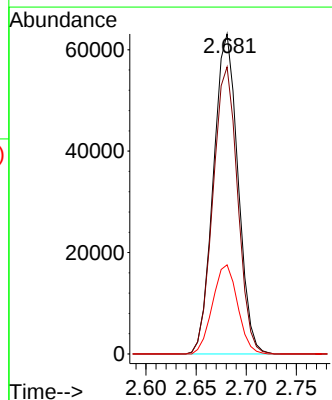
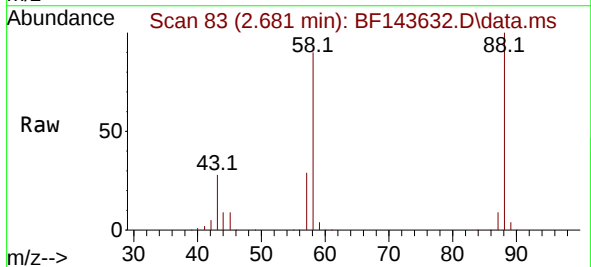
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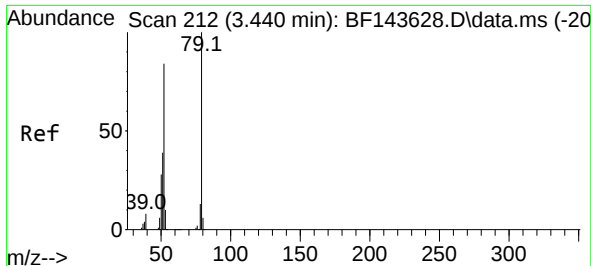
Tgt Ion:152 Resp: 100123
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.4 192.6
 115 60.1 47.9 71.9



#2
 1,4-Dioxane
 Concen: 40.223 ng
 RT: 2.681 min Scan# 83
 Delta R.T. 0.006 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

Tgt Ion: 88 Resp: 107255
 Ion Ratio Lower Upper
 88 100
 58 89.7 73.9 110.9
 43 28.4 23.4 35.2

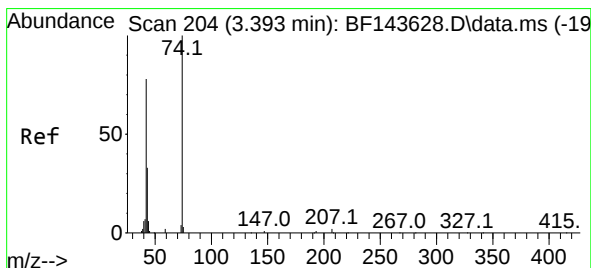
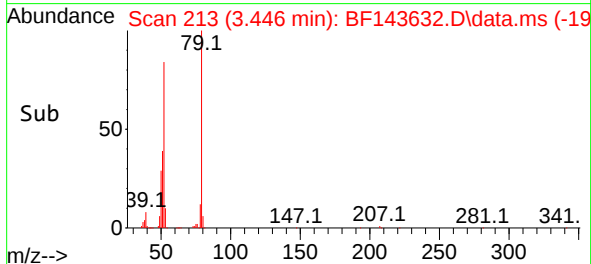
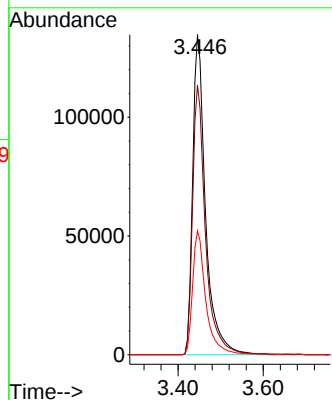
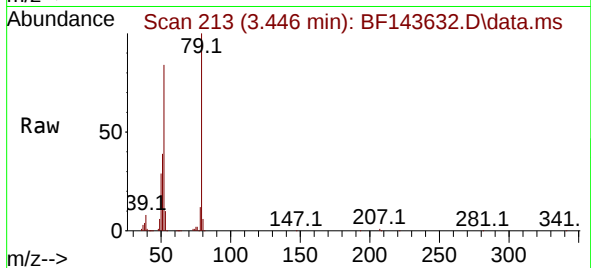




#3
 Pyridine
 Concen: 40.066 ng
 RT: 3.446 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

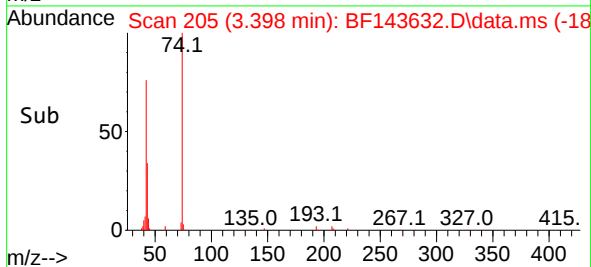
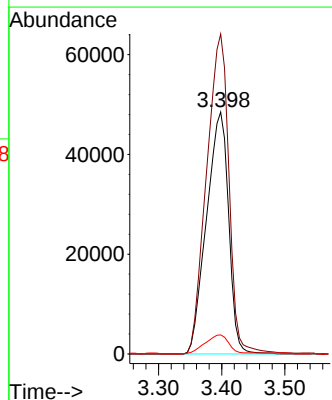
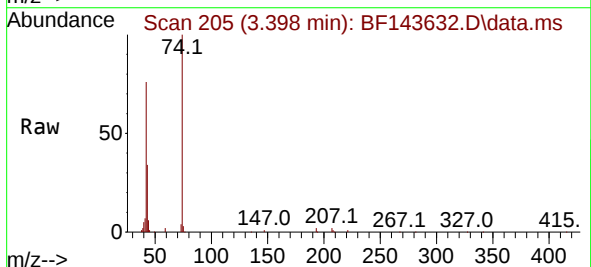
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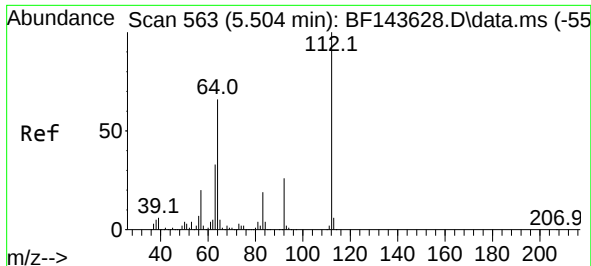
Tgt Ion: 79 Resp: 283049
 Ion Ratio Lower Upper
 79 100
 52 84.3 67.4 101.2
 51 38.7 31.0 46.6



#4
 n-Nitrosodimethylamine
 Concen: 40.165 ng
 RT: 3.398 min Scan# 205
 Delta R.T. 0.006 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

Tgt Ion: 42 Resp: 117848
 Ion Ratio Lower Upper
 42 100
 74 132.3 102.9 154.3
 44 7.9 6.5 9.7

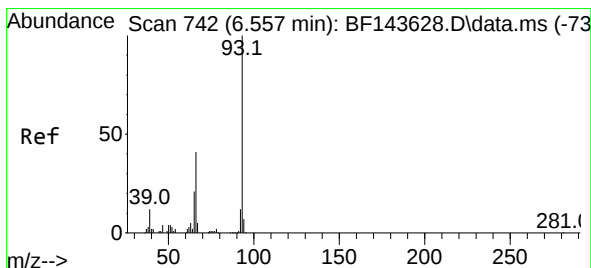
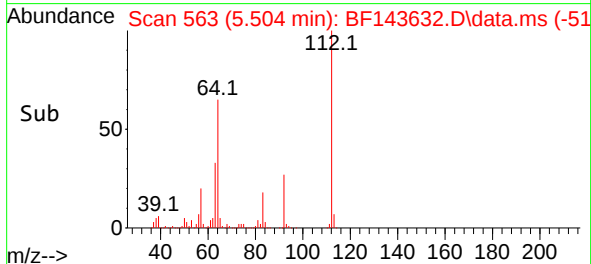
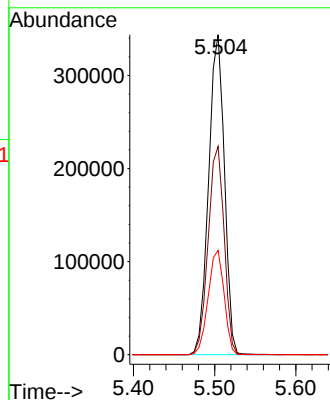
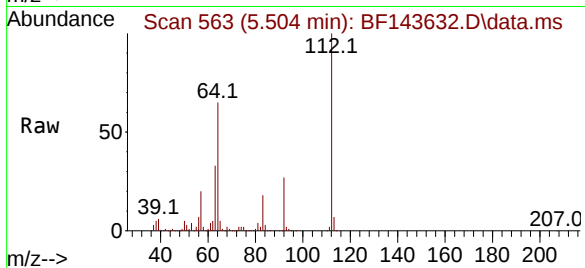




#5
2-Fluorophenol
Concen: 82.141 ng
RT: 5.504 min Scan# 501
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

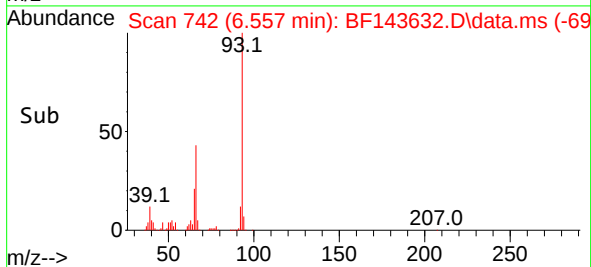
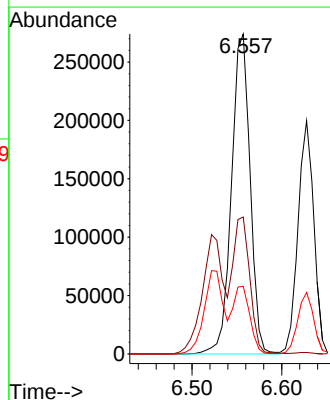
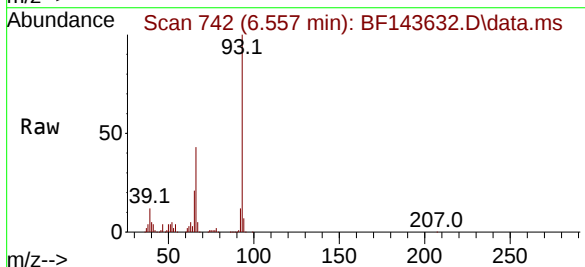
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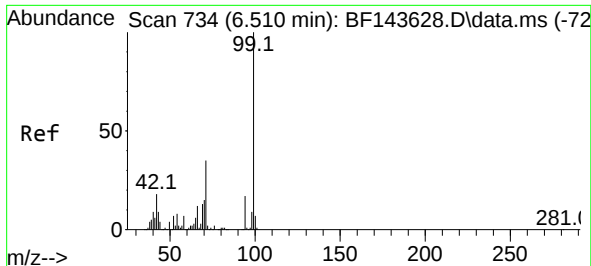
Tgt Ion:112 Resp: 464232
Ion Ratio Lower Upper
112 100
64 65.1 52.7 79.1
63 32.6 26.5 39.7



#6
Aniline
Concen: 40.382 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion: 93 Resp: 394292
Ion Ratio Lower Upper
93 100
66 42.8 34.6 51.8
65 21.2 16.9 25.3





#7

Phenol-d6

Concen: 81.440 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

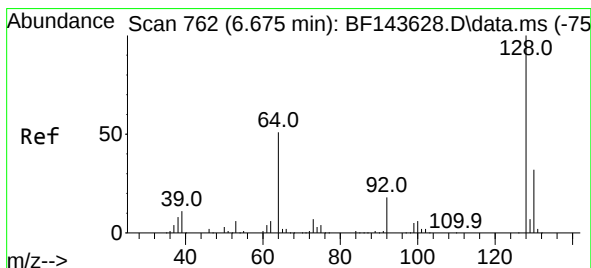
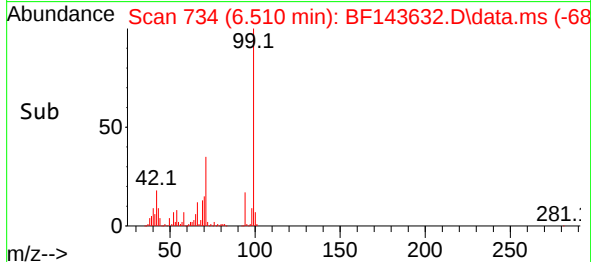
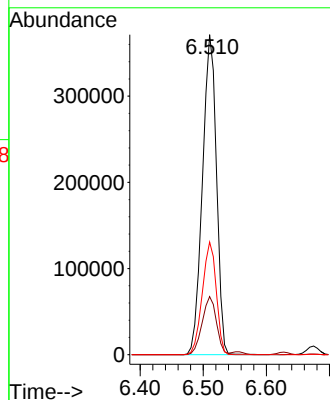
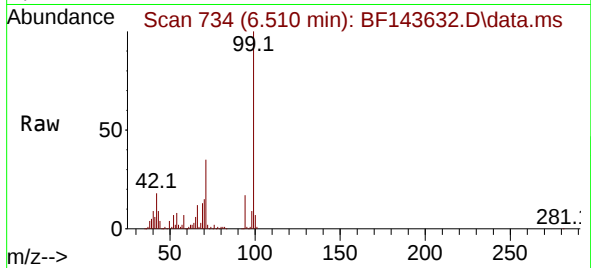
Tgt Ion: 99 Resp: 571265

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

71 35.2 28.0 42.0



#8

2-Chlorophenol

Concen: 43.700 ng

RT: 6.675 min Scan# 762

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

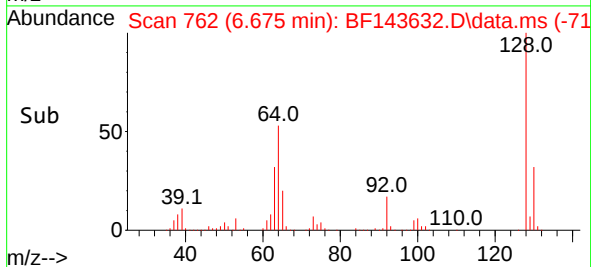
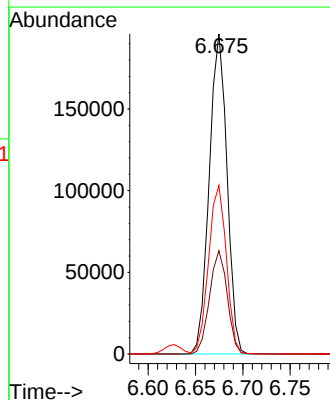
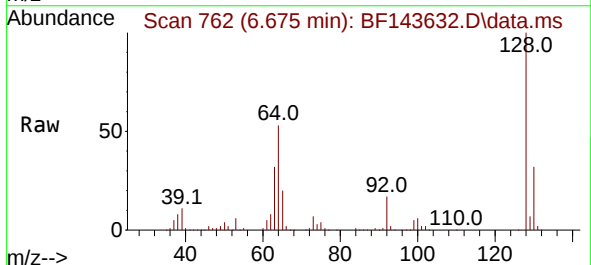
Tgt Ion:128 Resp: 255774

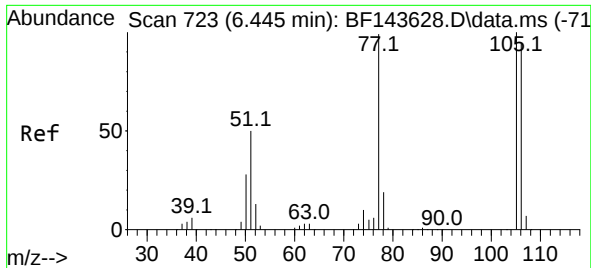
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 52.7 32.9 72.9

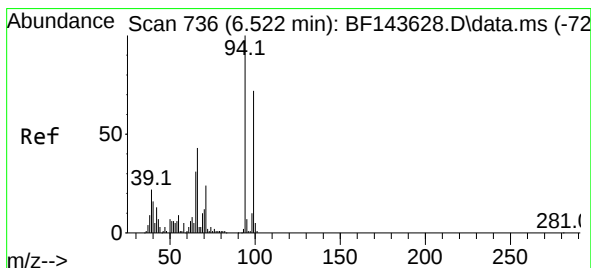
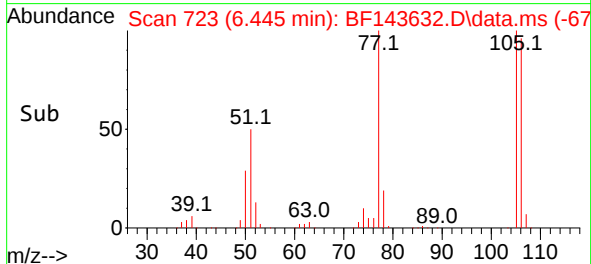
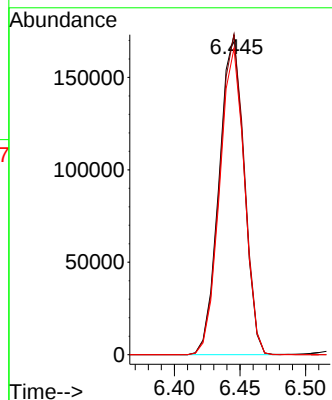
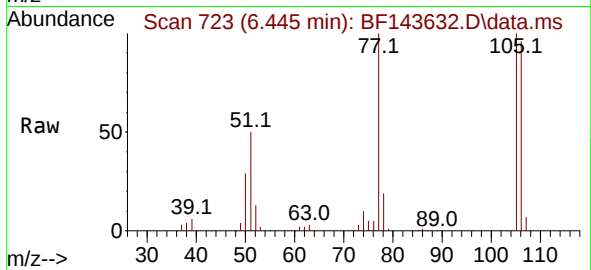




#9
Benzaldehyde
Concen: 43.723 ng
RT: 6.445 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

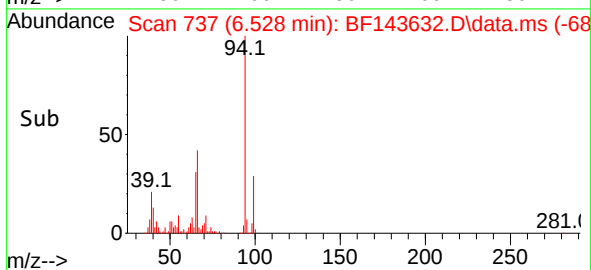
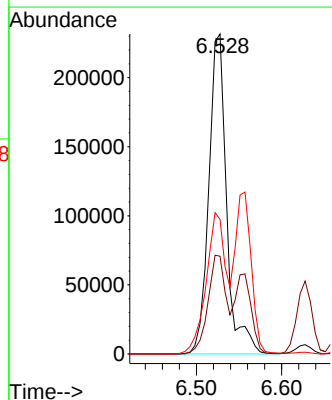
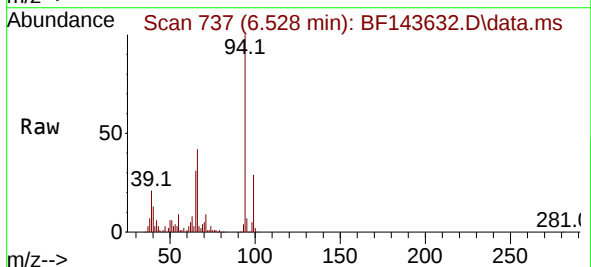
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

Tgt Ion: 77 Resp: 227875
Ion Ratio Lower Upper
77 100
105 100.1 80.9 120.9
106 95.9 75.1 115.1



#10
Phenol
Concen: 43.824 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion: 94 Resp: 337026
Ion Ratio Lower Upper
94 100
65 30.6 11.4 51.4
66 42.0 23.7 63.7

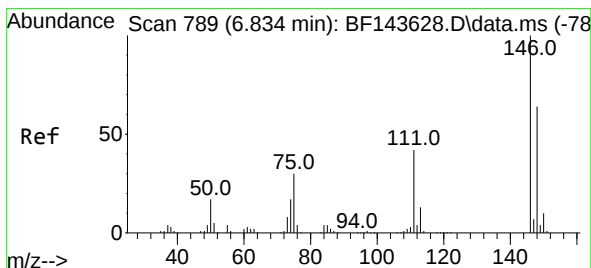
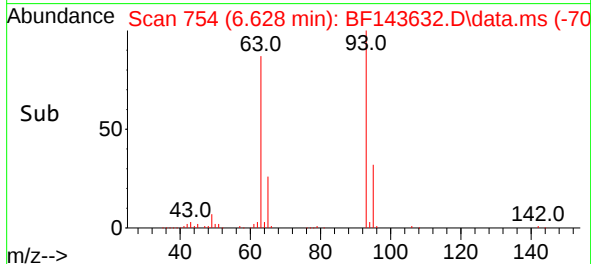
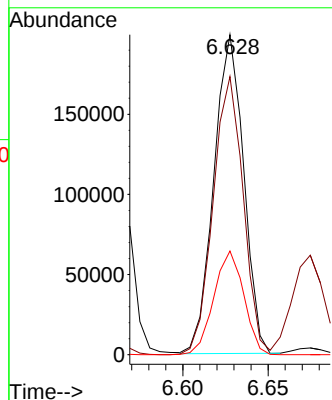
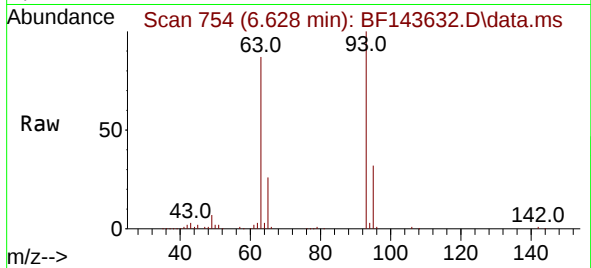




#11
bis(2-Chloroethyl)ether
Concen: 40.138 ng
RT: 6.628 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

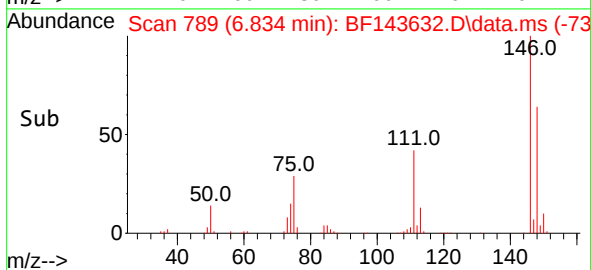
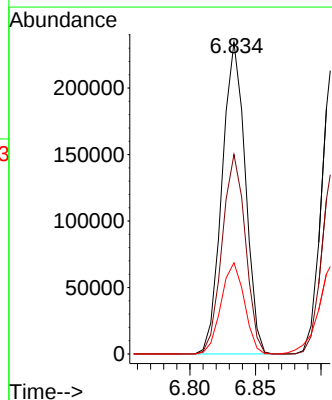
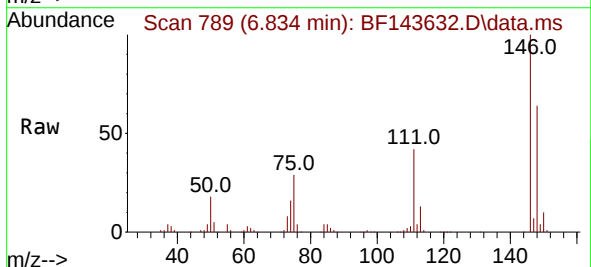
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

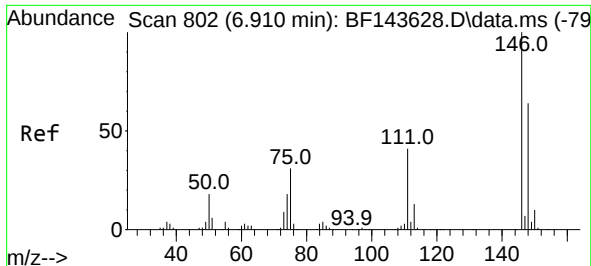
Tgt Ion: 93 Resp: 241751
Ion Ratio Lower Upper
93 100
63 86.9 66.5 106.5
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.963 ng
RT: 6.834 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:146 Resp: 288666
Ion Ratio Lower Upper
146 100
148 64.1 50.9 76.3
75 29.3 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 40.281 ng

RT: 6.910 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

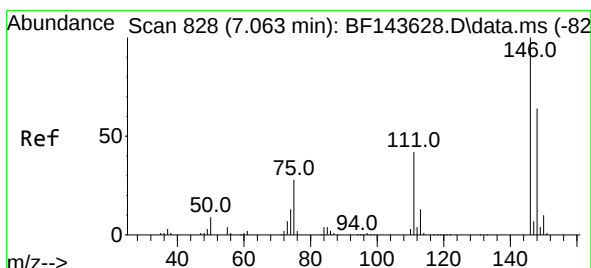
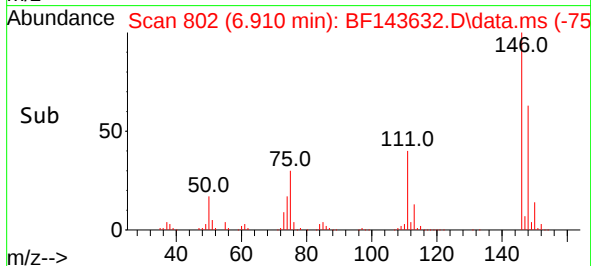
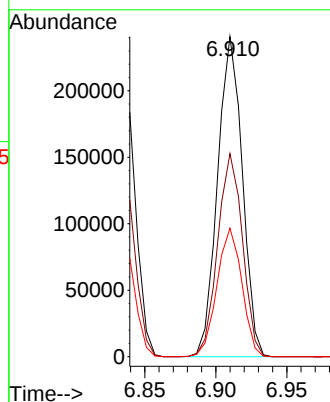
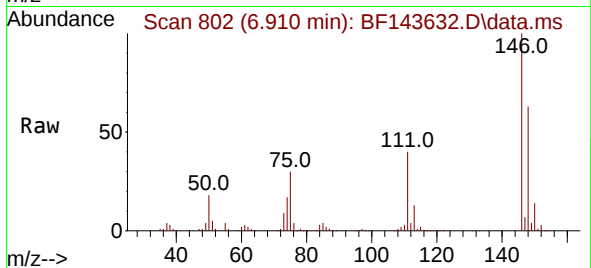
Tgt Ion:146 Resp: 291834

Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

111 40.2 33.1 49.7



#14

1,2-Dichlorobenzene

Concen: 40.058 ng

RT: 7.063 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

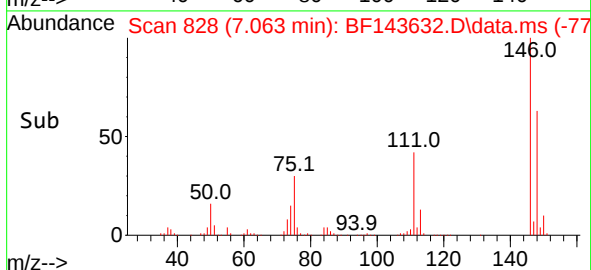
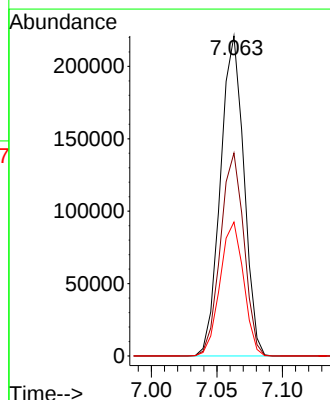
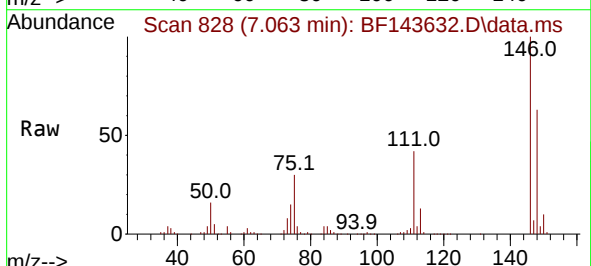
Tgt Ion:146 Resp: 274664

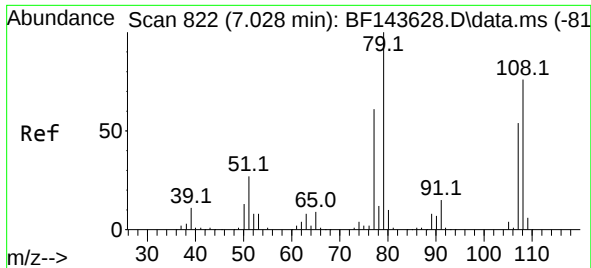
Ion Ratio Lower Upper

146 100

148 63.4 51.2 76.8

111 41.8 33.9 50.9

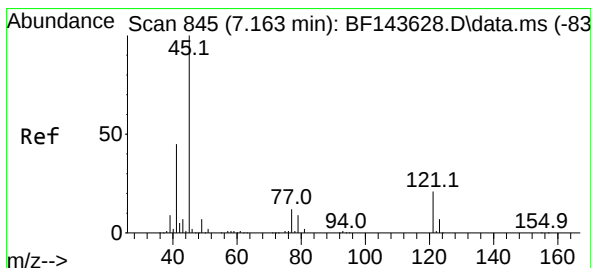
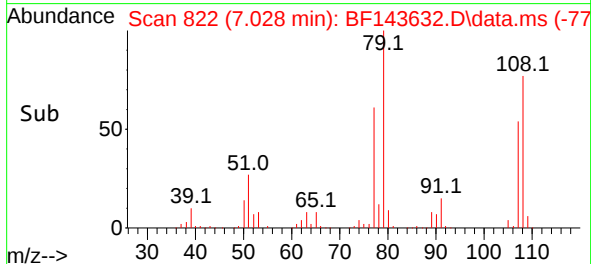
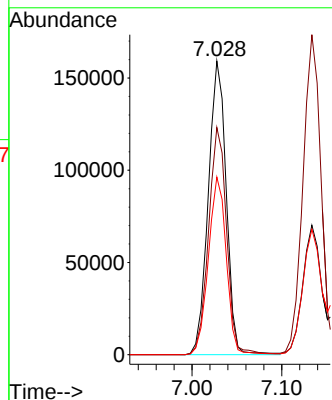
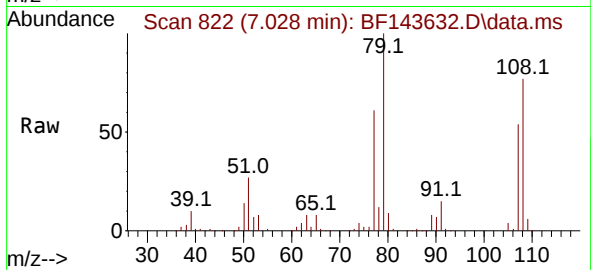




#15
Benzyl Alcohol
Concen: 41.542 ng
RT: 7.028 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

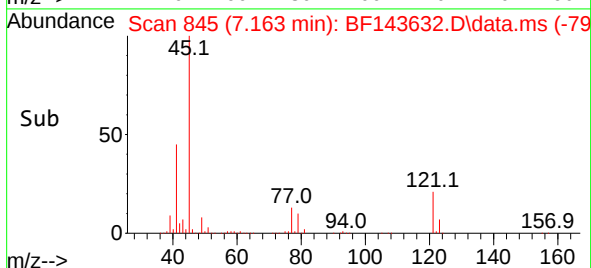
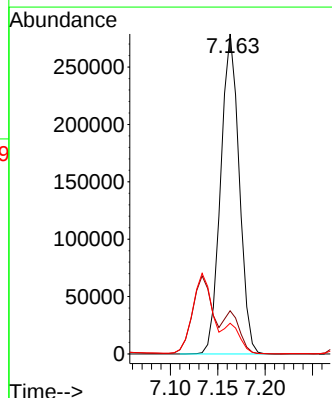
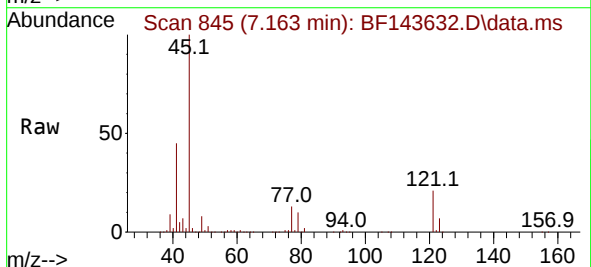
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

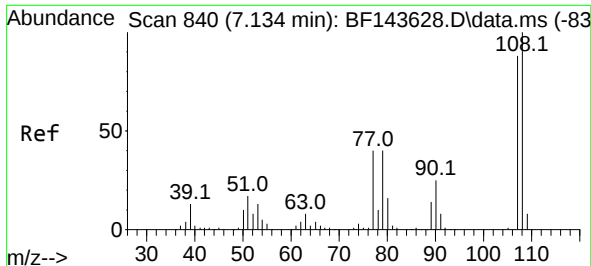
Tgt Ion: 79 Resp: 221422
Ion Ratio Lower Upper
79 100
108 77.4 60.9 91.3
77 60.5 48.4 72.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.994 ng
RT: 7.163 min Scan# 845
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion: 45 Resp: 379121
Ion Ratio Lower Upper
45 100
77 13.5 0.0 33.5
79 9.6 0.0 29.8



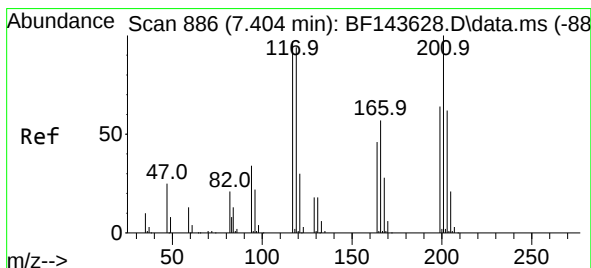
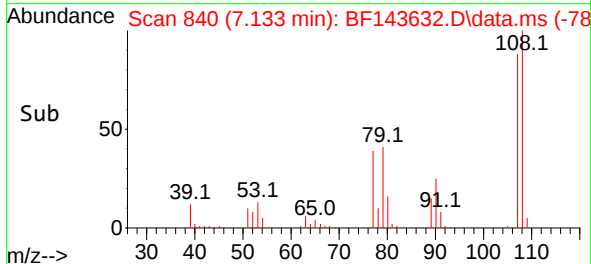
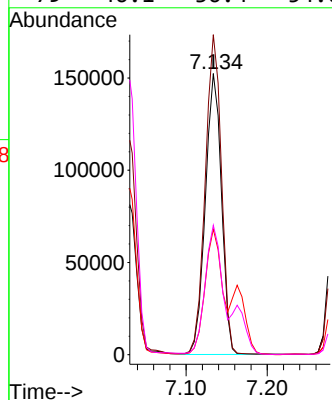
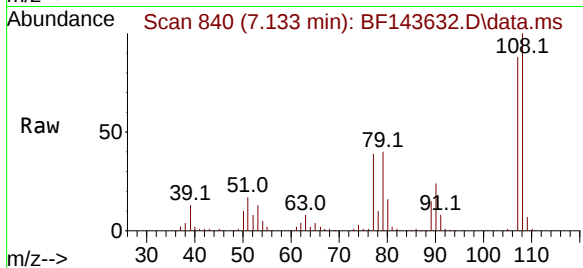


#17
2-Methylphenol
Concen: 41.050 ng
RT: 7.133 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
ICVBF090325

Tgt Ion:107 Resp: 210073

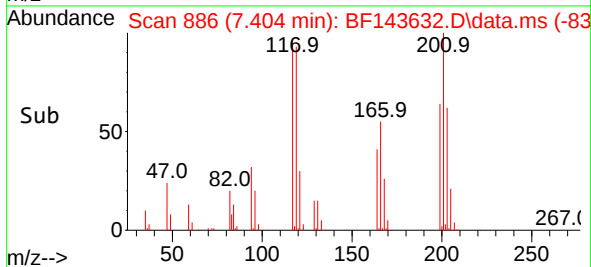
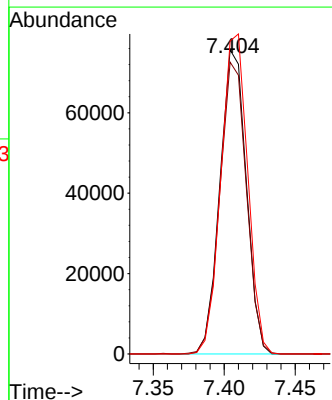
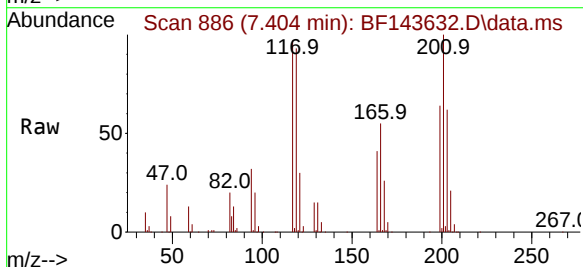
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.5	135.7
77	44.6	35.9	53.9
79	46.1	36.4	54.6



#18
Hexachloroethane
Concen: 43.207 ng
RT: 7.404 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:117 Resp: 97657

Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.7	116.5
201	102.9	82.7	124.1



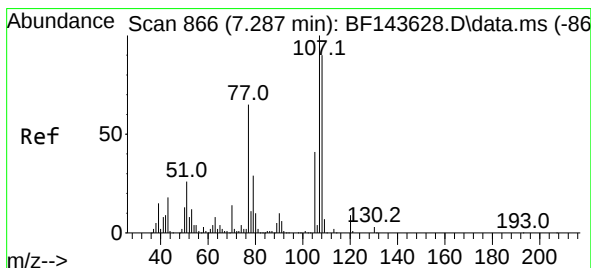
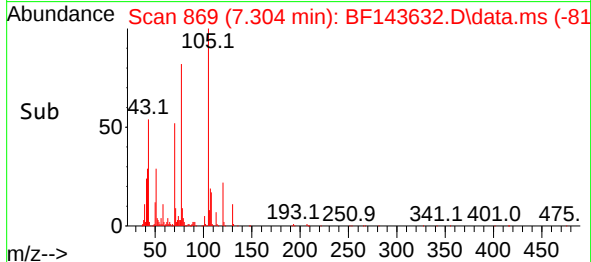
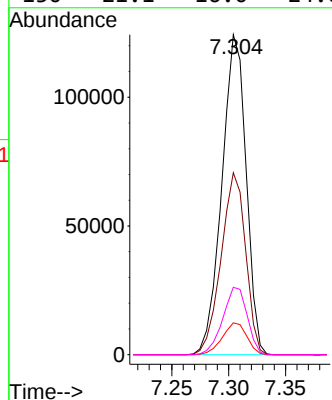
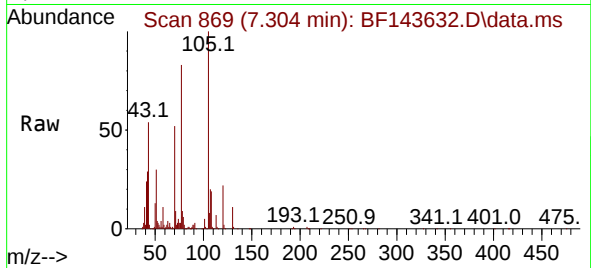


#19
n-Nitroso-di-n-propylamine
Concen: 41.264 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
ICVBF090325

Tgt Ion: 70 Resp: 184324

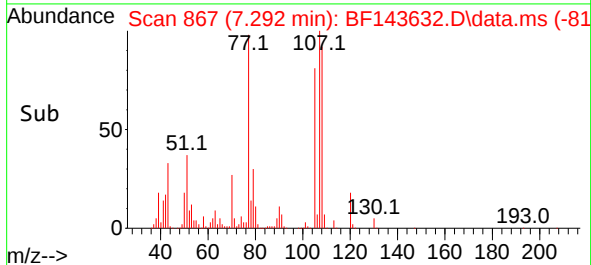
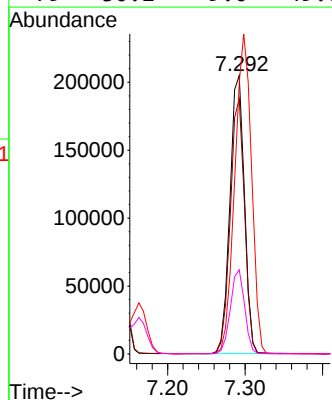
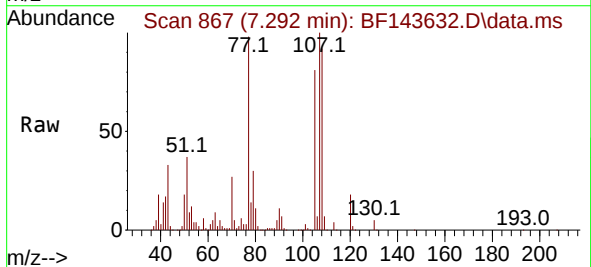
Ion	Ratio	Lower	Upper
70	100		
42	56.8	45.2	67.8
101	10.0	7.6	11.4
130	21.1	16.0	24.0

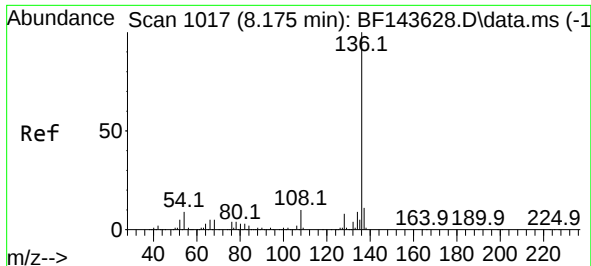


#20
3+4-Methylphenols
Concen: 41.478 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.006 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion: 107 Resp: 267195

Ion	Ratio	Lower	Upper
107	100		
108	91.6	69.6	109.6
77	97.5	45.5	85.5#
79	30.2	9.0	49.0

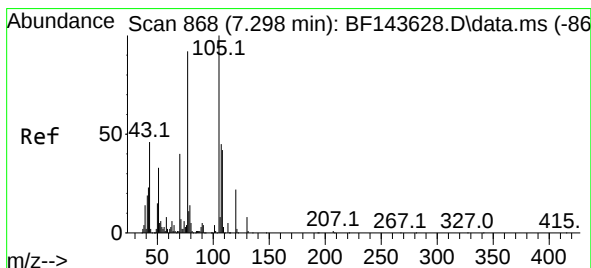
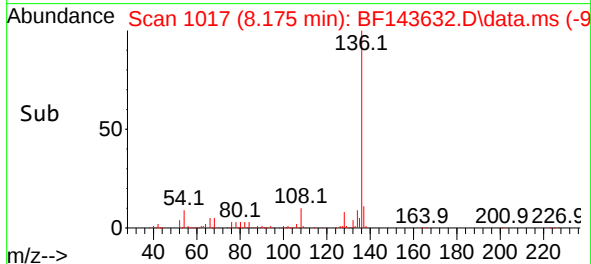
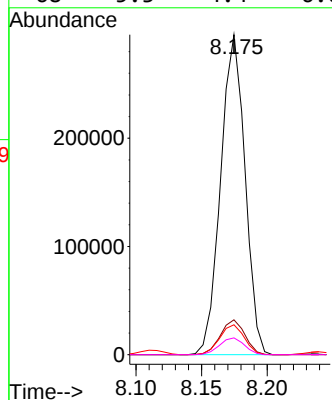
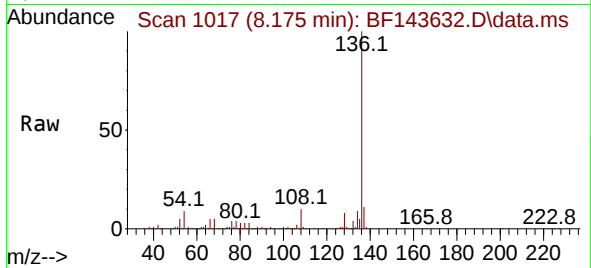




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

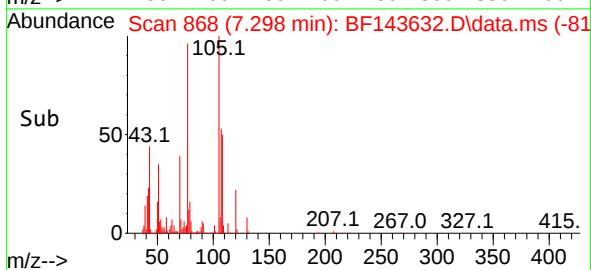
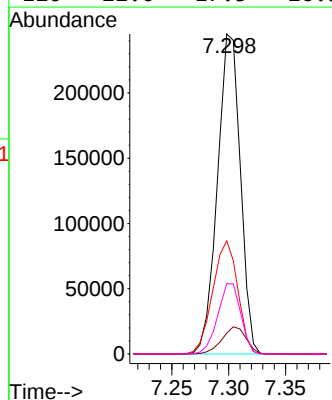
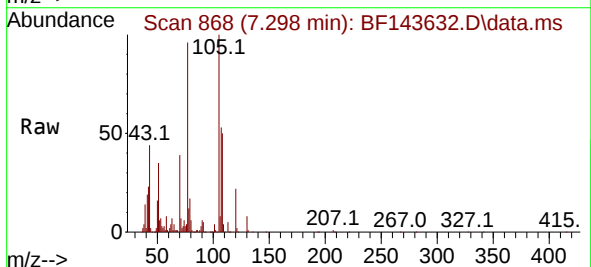
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

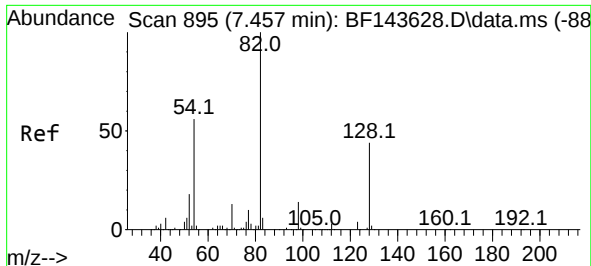
Tgt Ion:	136	Resp:	381917
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	12.8
54	9.3	7.3	10.9
68	5.3	4.4	6.6



#22
Acetophenone
Concen: 39.888 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:	105	Resp:	344508
Ion Ratio	Lower	Upper	
105	100		
71	6.5	5.3	7.9
51	35.4	26.7	40.1
120	22.0	17.5	26.3

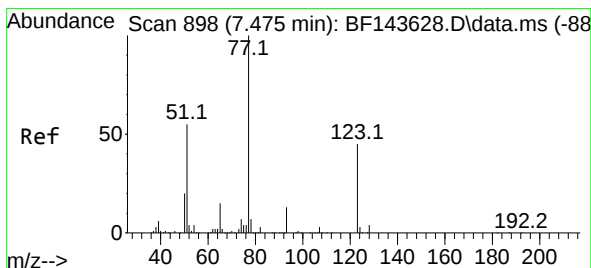
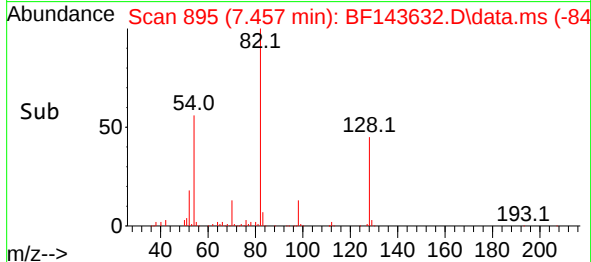
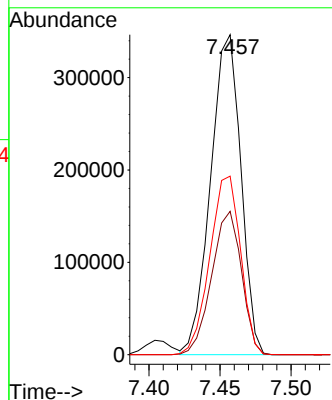
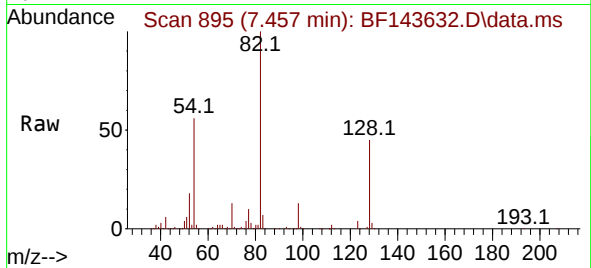




#23
 Nitrobenzene-d5
 Concen: 94.635 ng
 RT: 7.457 min Scan# 895
 Delta R.T. -0.000 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

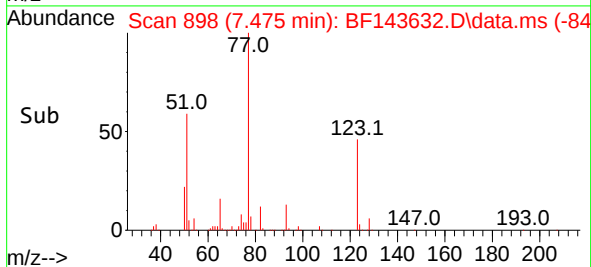
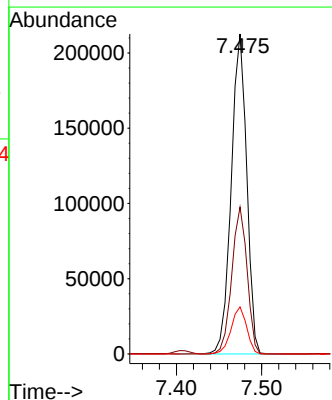
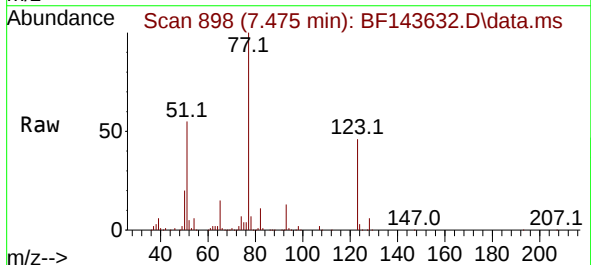
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090325

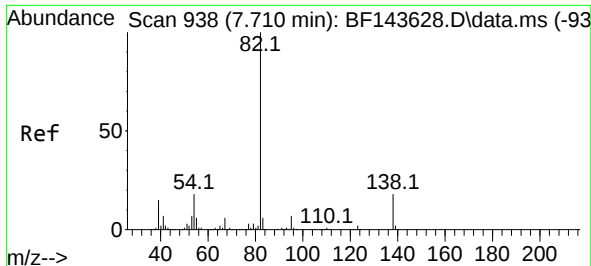
Tgt Ion: 82 Resp: 514243
 Ion Ratio Lower Upper
 82 100
 128 44.8 34.7 52.1
 54 55.8 44.8 67.2



#24
 Nitrobenzene
 Concen: 46.307 ng
 RT: 7.475 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

Tgt Ion: 77 Resp: 269052
 Ion Ratio Lower Upper
 77 100
 123 45.9 36.2 54.4
 65 14.7 11.8 17.8

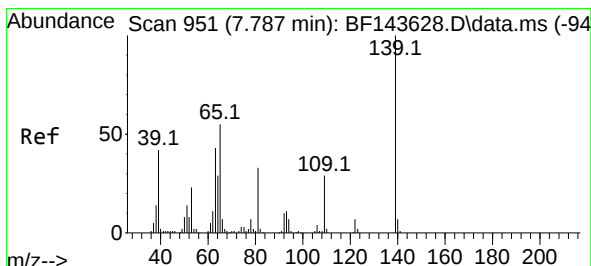
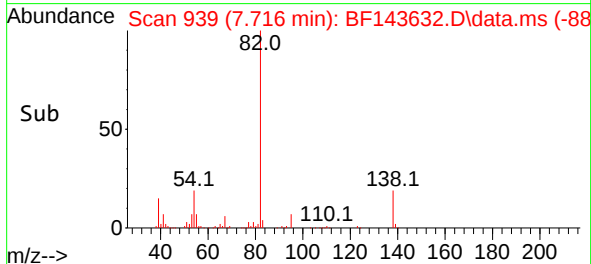
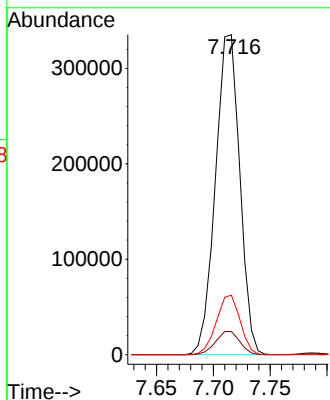
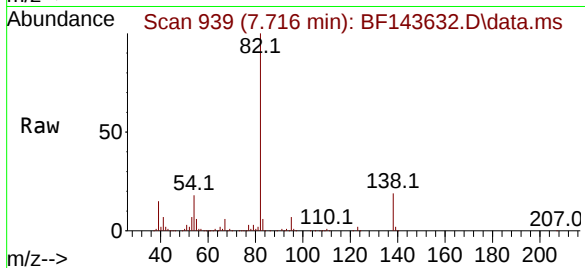




#25
Isophorone
Concen: 40.900 ng
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

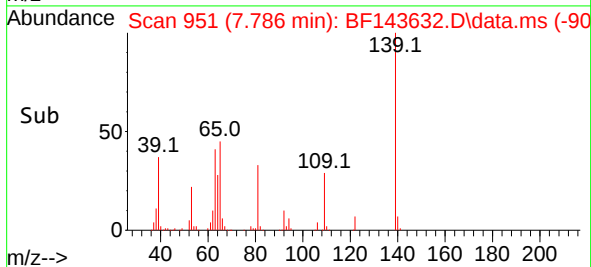
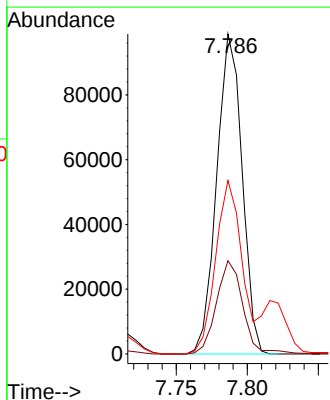
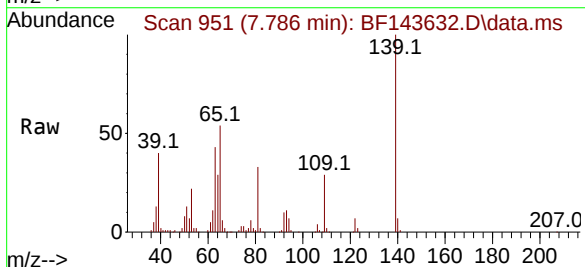
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

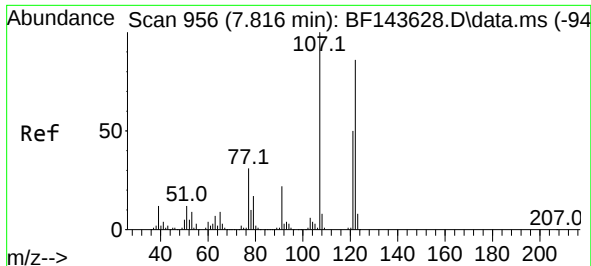
Tgt Ion: 82 Resp: 500818
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.6 14.2 21.2



#26
2-Nitrophenol
Concen: 48.638 ng
RT: 7.786 min Scan# 951
Delta R.T. -0.001 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:139 Resp: 122779
Ion Ratio Lower Upper
139 100
109 29.1 23.5 35.3
65 54.2 44.1 66.1





#27

2,4-Dimethylphenol

Concen: 42.477 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF143632.D

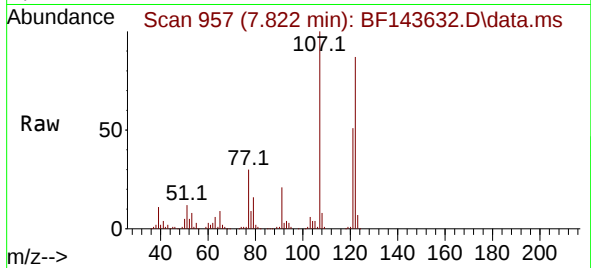
Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325



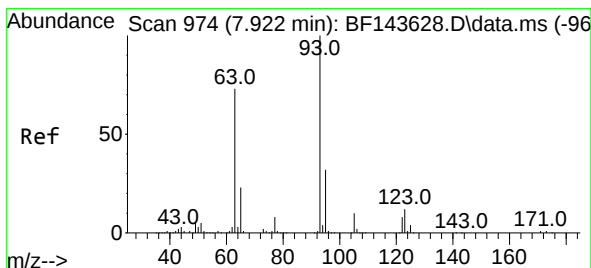
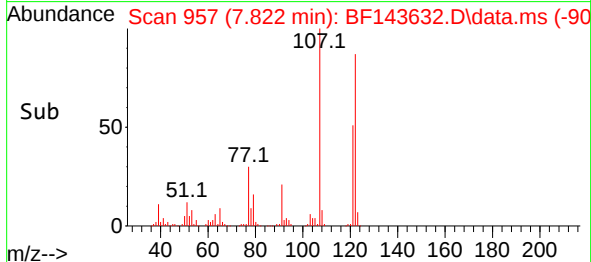
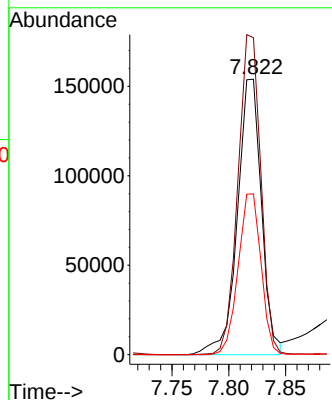
Tgt Ion:122 Resp: 226455

Ion Ratio Lower Upper

122 100

107 115.0 93.4 140.0

121 58.4 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 40.040 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

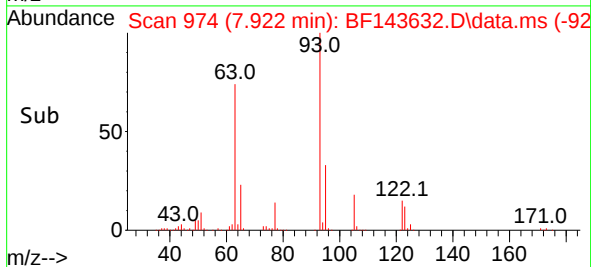
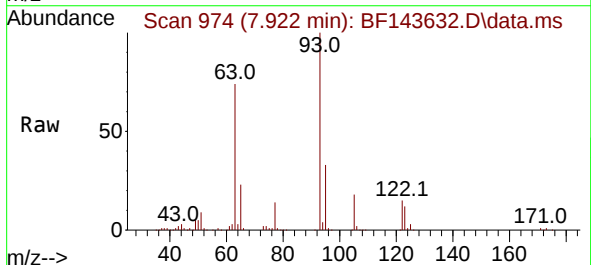
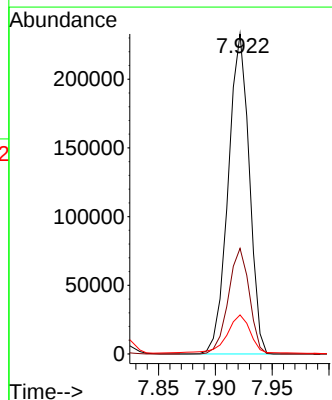
Tgt Ion: 93 Resp: 299733

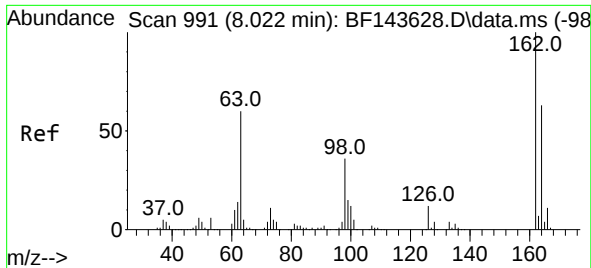
Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.8

123 12.2 9.6 14.4

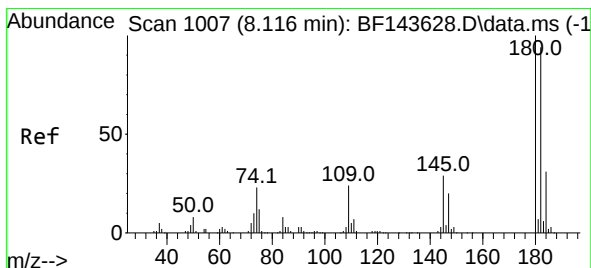
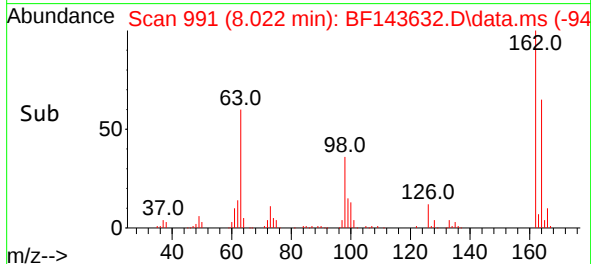
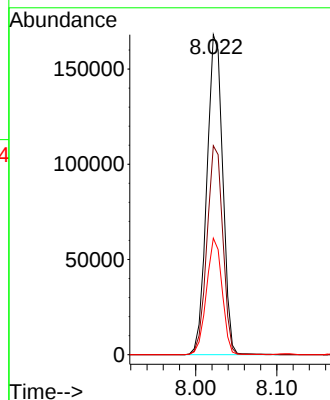
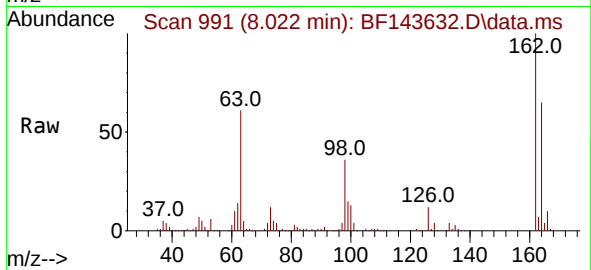




#29
2,4-Dichlorophenol
Concen: 43.509 ng
RT: 8.022 min Scan# 991
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

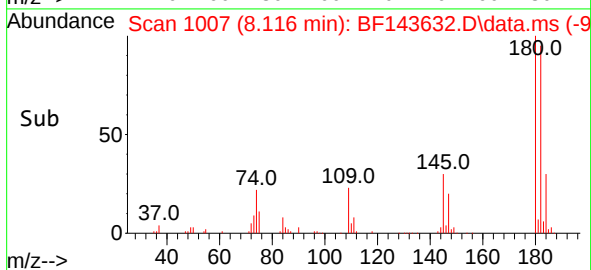
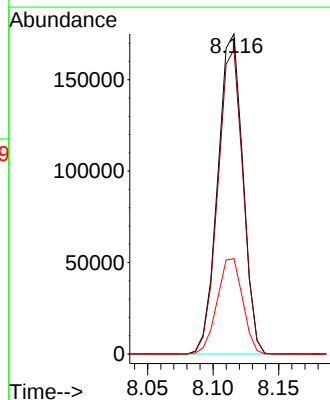
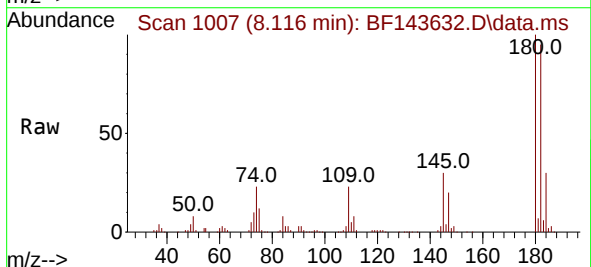
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

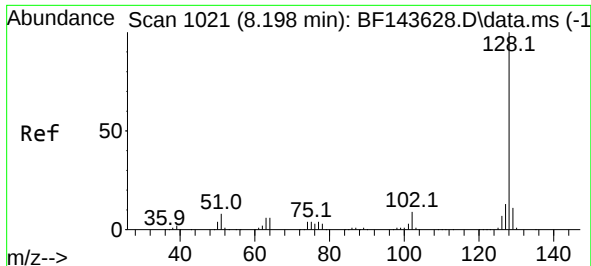
Tgt Ion:162 Resp: 227614
Ion Ratio Lower Upper
162 100
164 65.3 42.9 82.9
98 36.4 15.9 55.9



#30
1,2,4-Trichlorobenzene
Concen: 40.803 ng
RT: 8.116 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:180 Resp: 232627
Ion Ratio Lower Upper
180 100
182 95.1 75.2 112.8
145 29.8 23.6 35.4

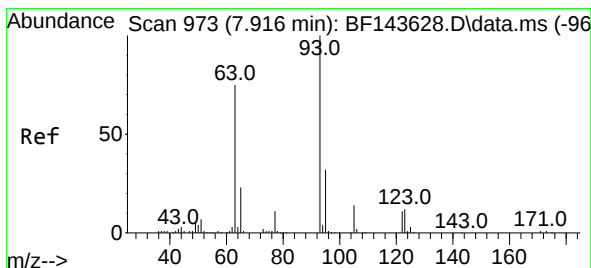
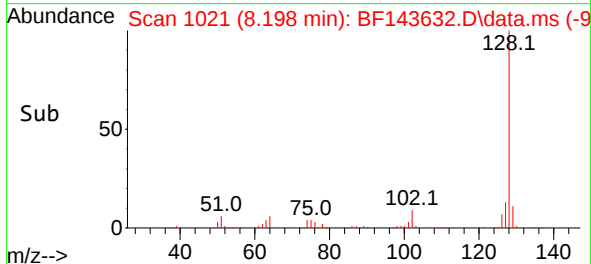
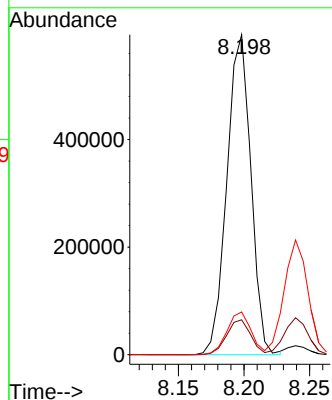
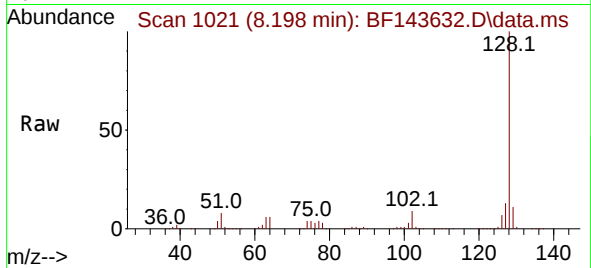




#31
Naphthalene
Concen: 40.534 ng
RT: 8.198 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

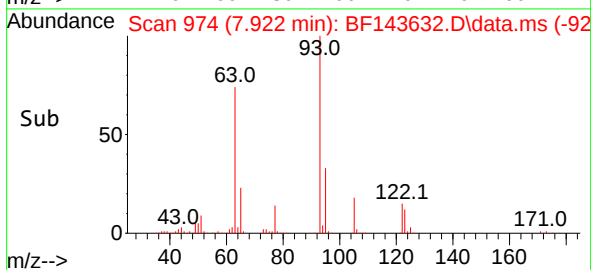
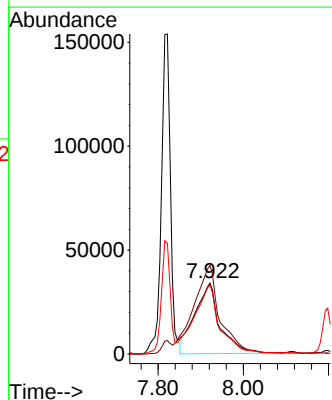
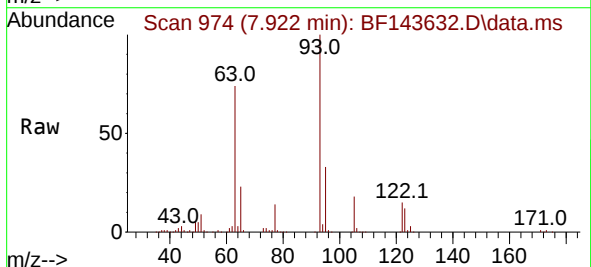
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

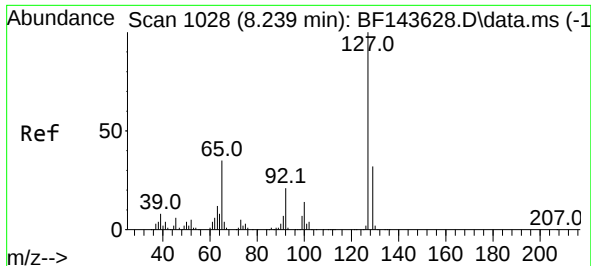
Tgt Ion:128 Resp: 757207
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 43.965 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:122 Resp: 140096
Ion Ratio Lower Upper
122 100
105 124.9 105.9 145.9
77 97.0 78.6 118.6

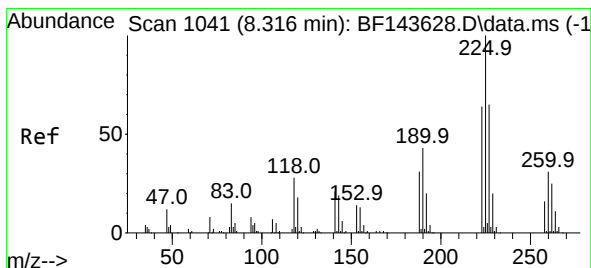
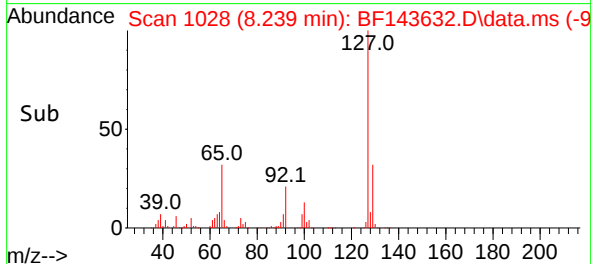
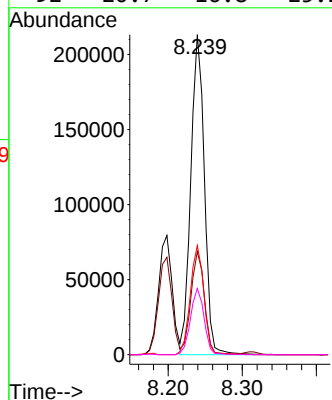
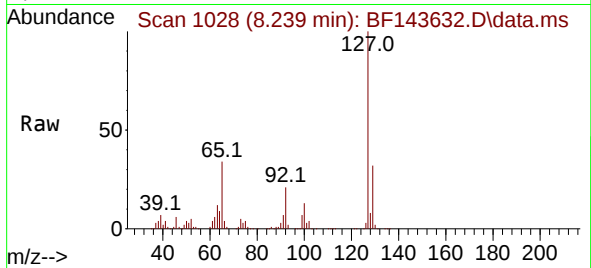




#33
4-Chloroaniline
Concen: 42.015 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

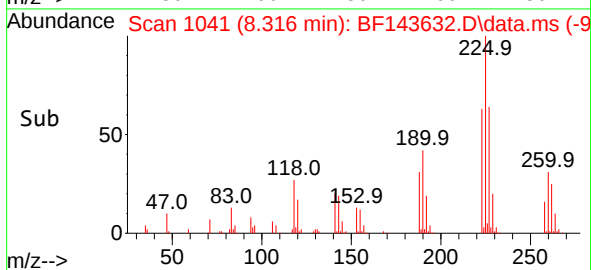
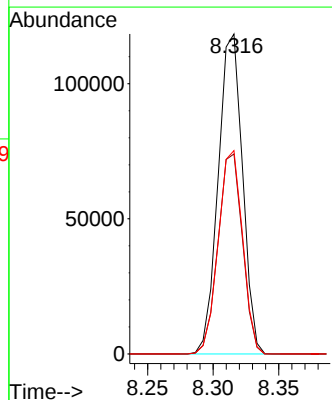
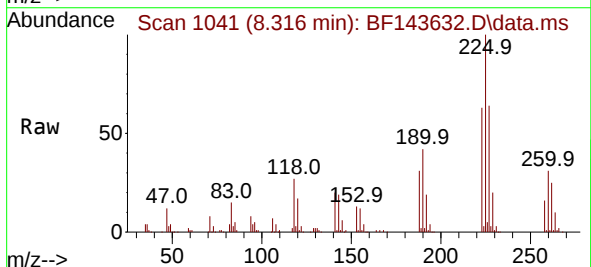
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

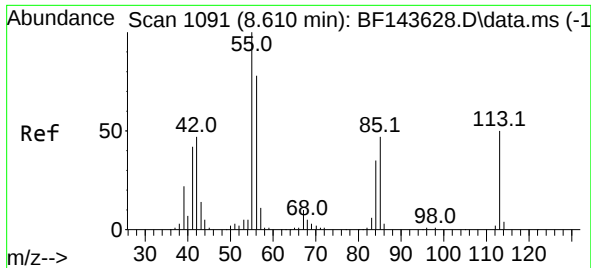
Tgt Ion:	127	Resp:	271767
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	34.1	27.6	41.4
92	20.7	16.8	25.2



#34
Hexachlorobutadiene
Concen: 41.155 ng
RT: 8.316 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:	225	Resp:	152623
Ion	Ratio	Lower	Upper
225	100		
223	62.5	51.3	76.9
227	63.6	51.7	77.5

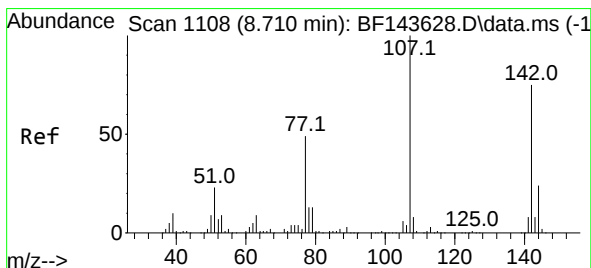
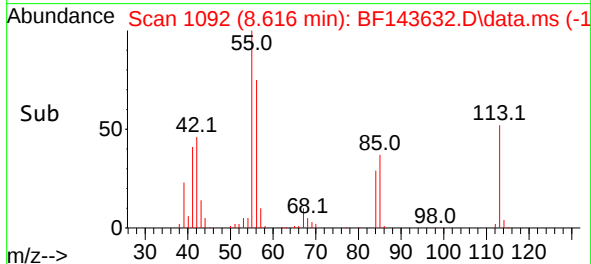
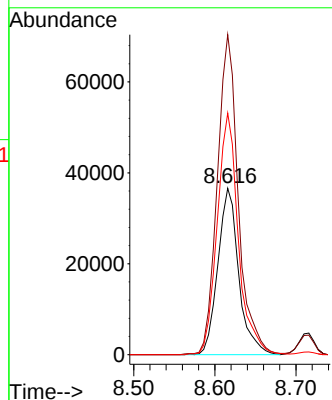
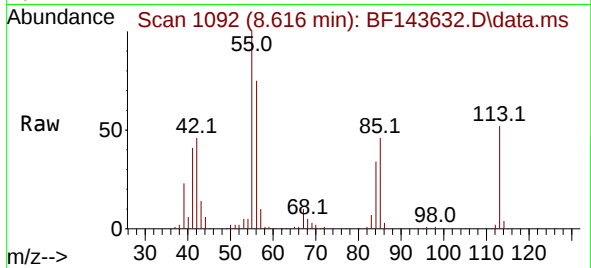




#35
 Caprolactam
 Concen: 46.683 ng
 RT: 8.616 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

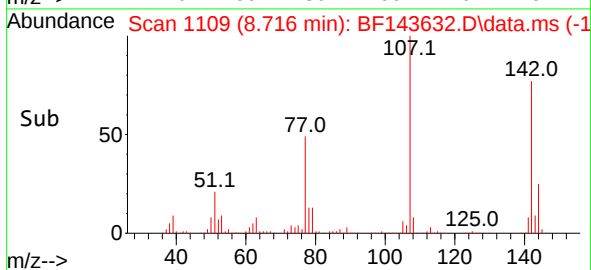
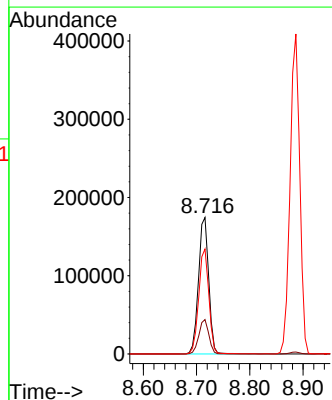
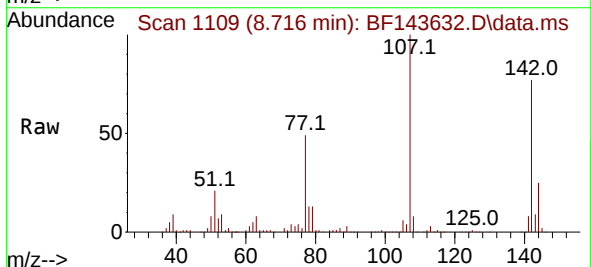
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF090325

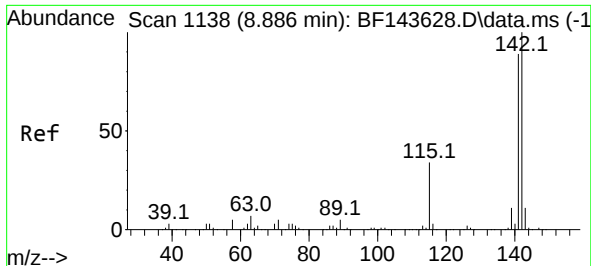
Tgt Ion:113 Resp: 65447
 Ion Ratio Lower Upper
 113 100
 55 192.3 180.5 220.5
 56 145.2 134.8 174.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.754 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF143632.D
 Acq: 03 Sep 2025 18:08

Tgt Ion:107 Resp: 234209
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.0 28.6
 142 77.0 60.3 90.5

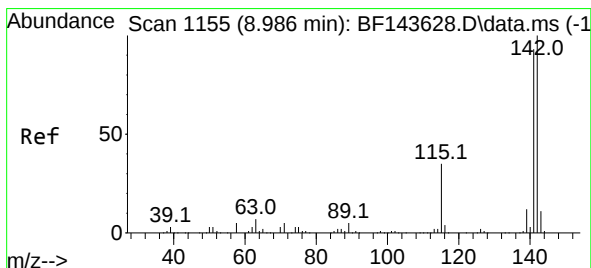
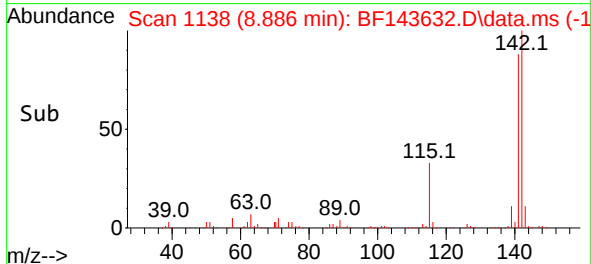
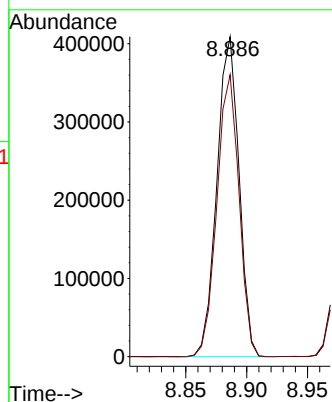
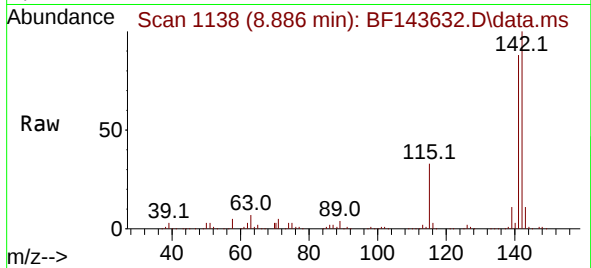




#37
2-Methylnaphthalene
Concen: 40.926 ng
RT: 8.886 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

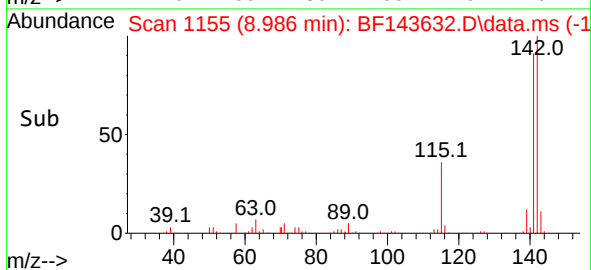
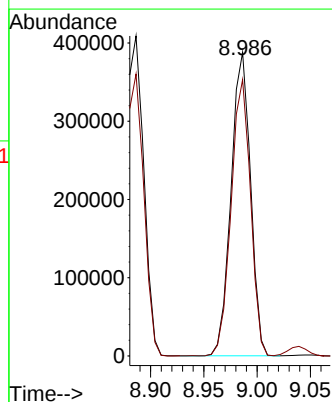
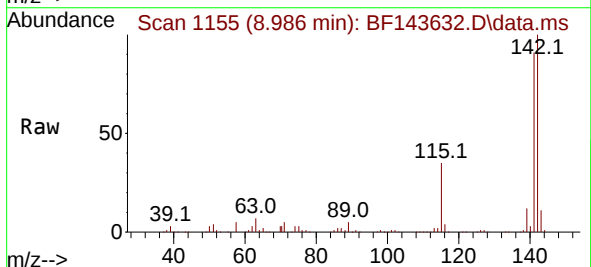
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

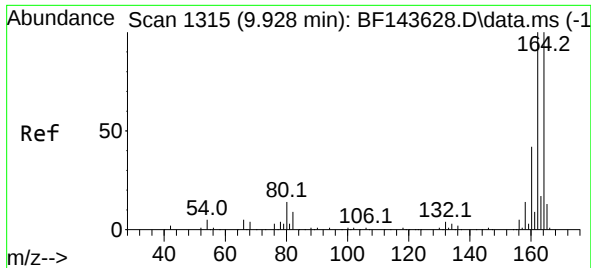
Tgt Ion:142 Resp: 517134
Ion Ratio Lower Upper
142 100
141 88.1 70.8 106.2



#38
1-Methylnaphthalene
Concen: 40.905 ng
RT: 8.986 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:142 Resp: 494172
Ion Ratio Lower Upper
142 100
141 91.0 74.5 111.7

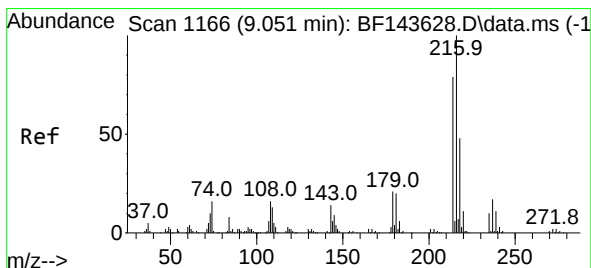
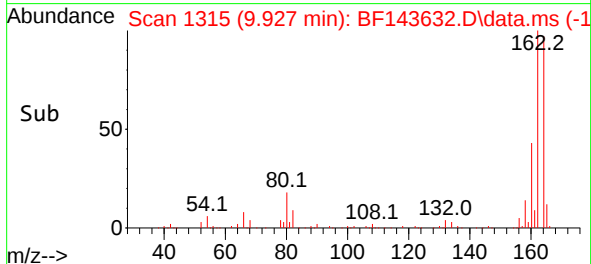
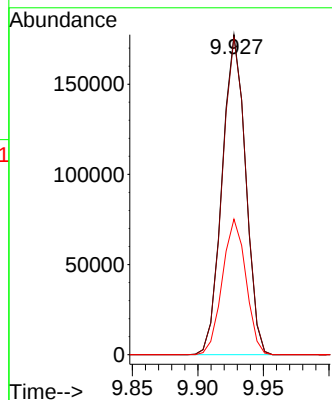
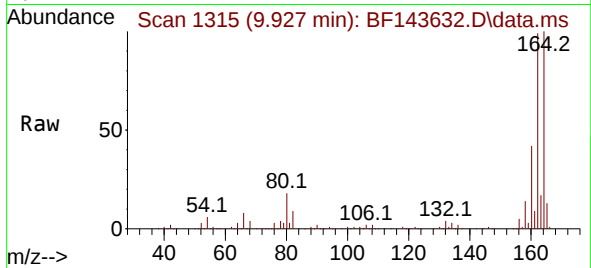




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1115
Delta R.T. -0.001 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

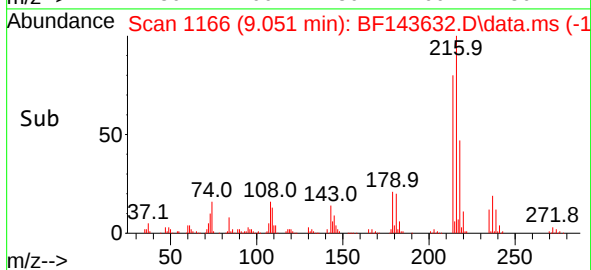
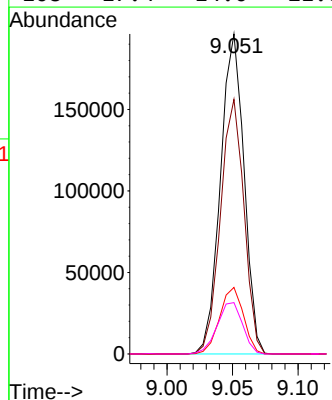
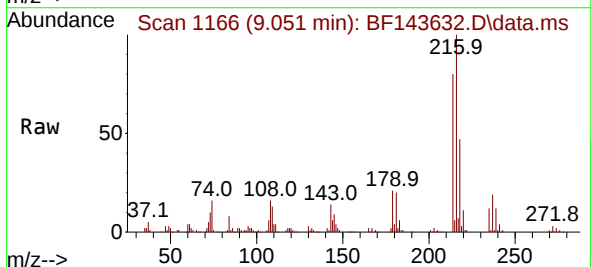
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

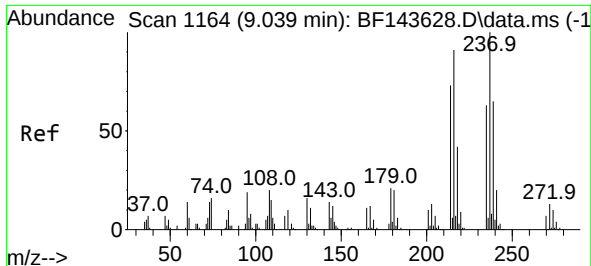
Tgt Ion:164 Resp: 220601
Ion Ratio Lower Upper
164 100
162 99.1 80.3 120.5
160 42.4 34.0 51.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.184 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:216 Resp: 244992
Ion Ratio Lower Upper
216 100
214 79.3 63.3 94.9
179 21.0 17.2 25.8
108 17.4 14.0 21.0

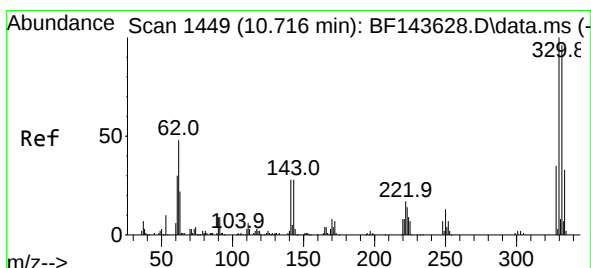
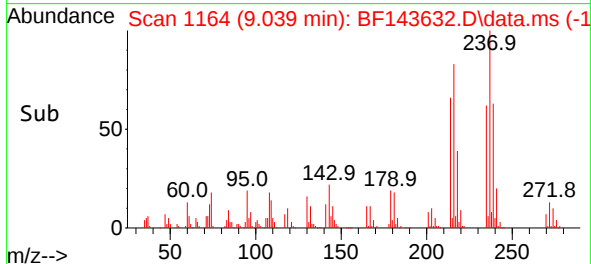
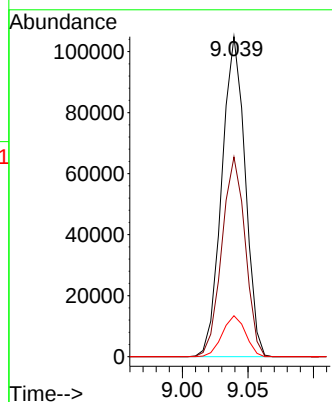
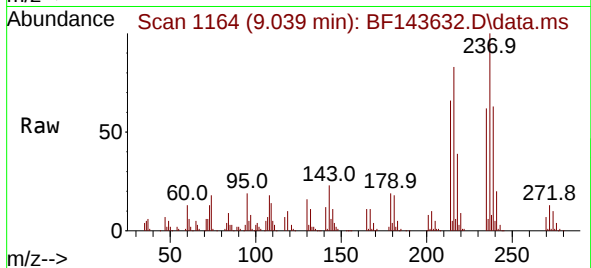




#41
Hexachlorocyclopentadiene
Concen: 43.824 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

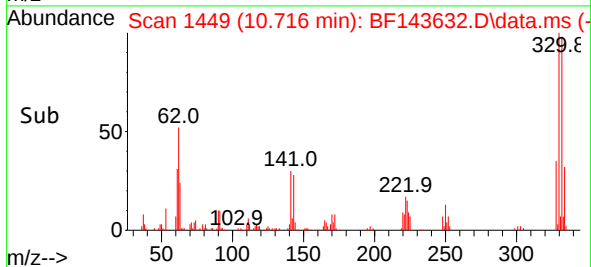
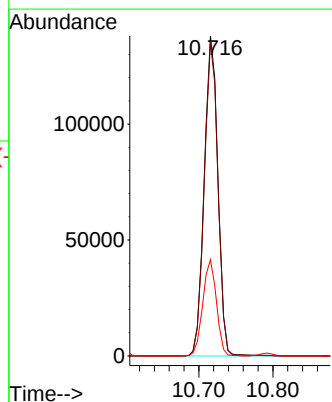
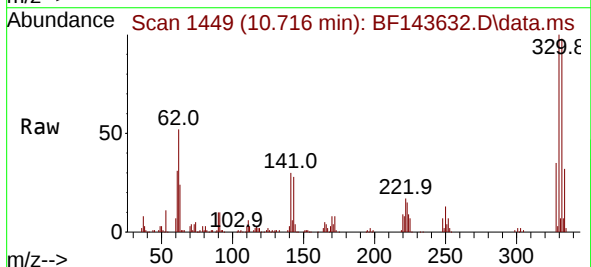
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

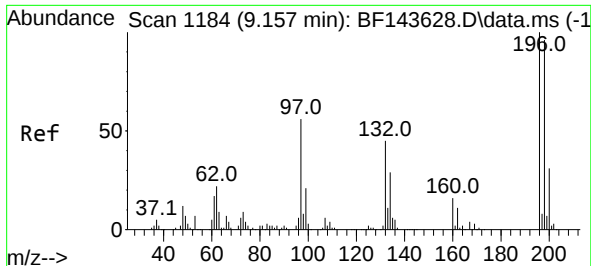
Tgt Ion:237 Resp: 129745
Ion Ratio Lower Upper
237 100
235 62.4 43.0 83.0
272 12.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 96.090 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:330 Resp: 177260
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 29.9 23.5 35.3

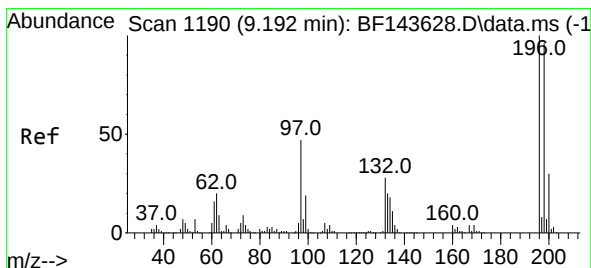
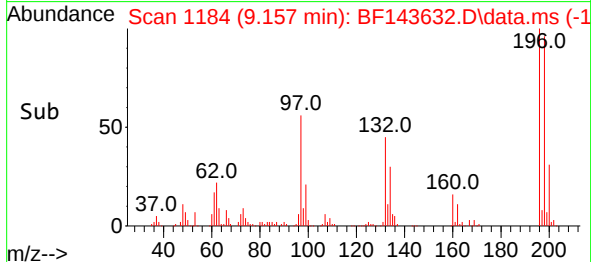
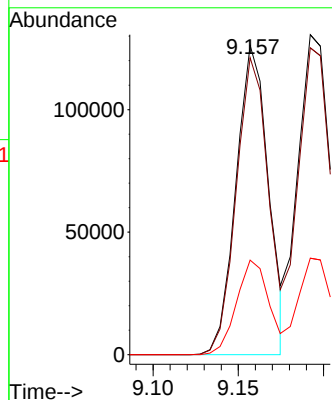
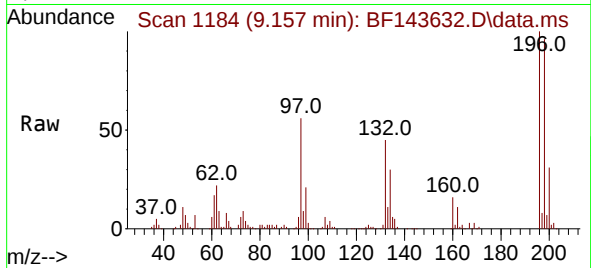




#43
2,4,6-Trichlorophenol
Concen: 44.299 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

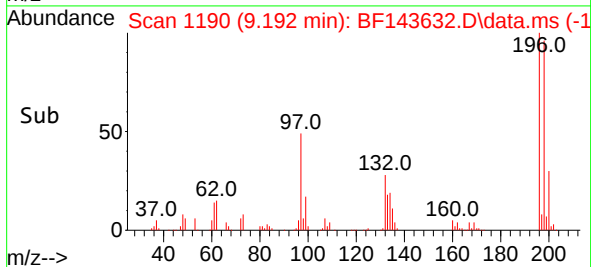
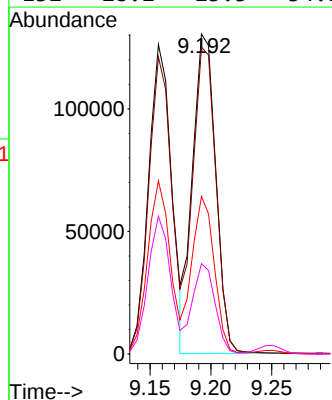
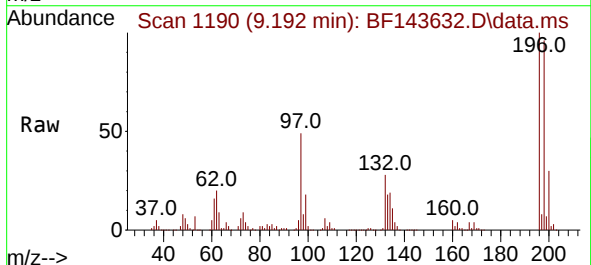
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

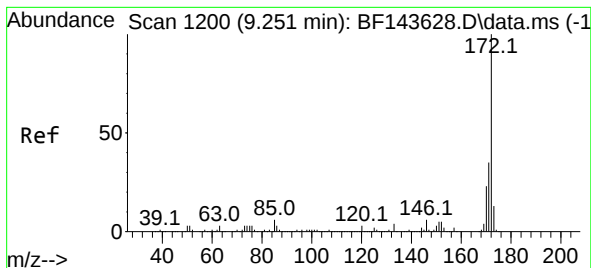
Tgt Ion:196 Resp: 166398
Ion Ratio Lower Upper
196 100
198 96.0 77.1 115.7
200 30.6 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 44.828 ng
RT: 9.192 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:196 Resp: 173836
Ion Ratio Lower Upper
196 100
198 95.9 76.6 115.0
97 49.3 38.2 57.2
132 28.2 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 78.395 ng

RT: 9.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

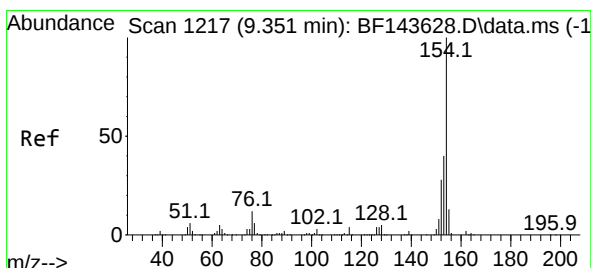
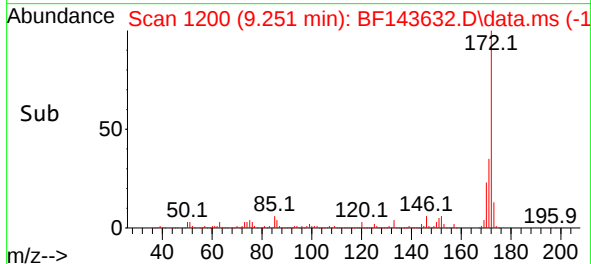
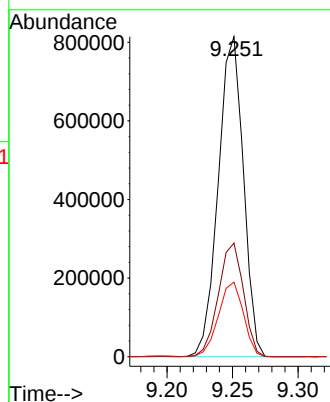
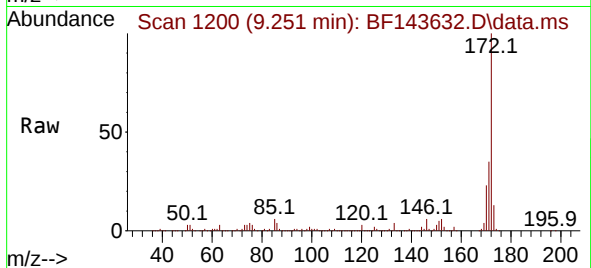
Tgt Ion:172 Resp: 1082464

Ion Ratio Lower Upper

172 100

171 35.5 28.1 42.1

170 23.3 18.6 28.0



#46

1,1'-Biphenyl

Concen: 39.427 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

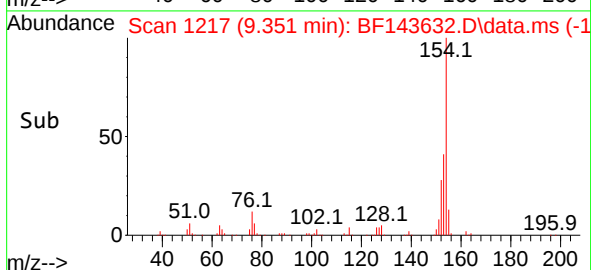
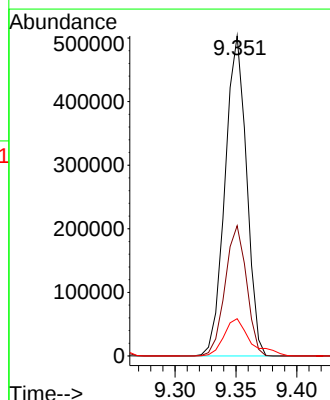
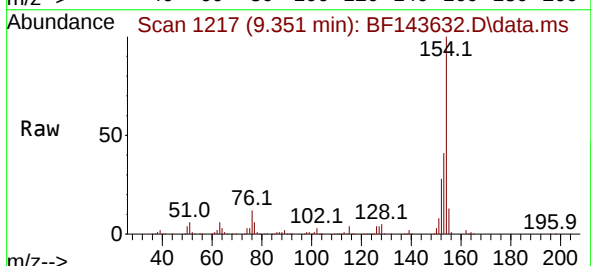
Tgt Ion:154 Resp: 618582

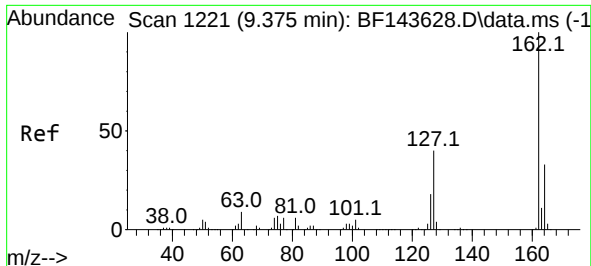
Ion Ratio Lower Upper

154 100

153 40.7 20.1 60.1

76 11.6 0.0 31.9





#47

2-Chloronaphthalene

Concen: 39.923 ng

RT: 9.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143632.D

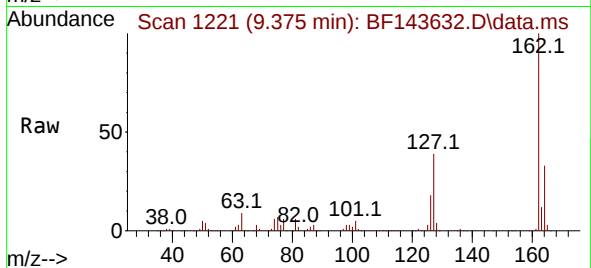
Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325



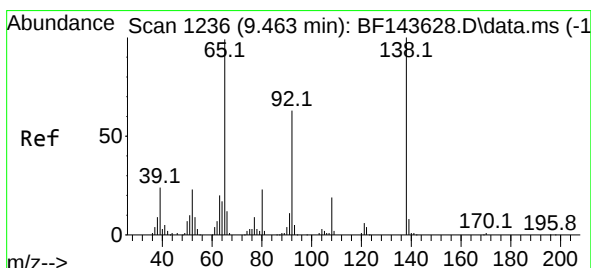
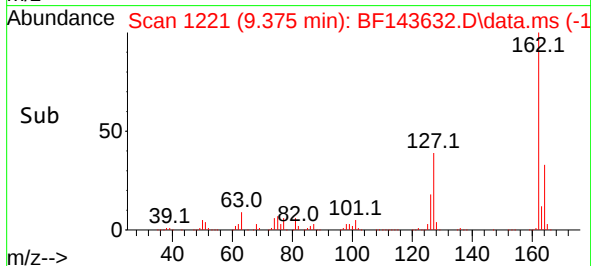
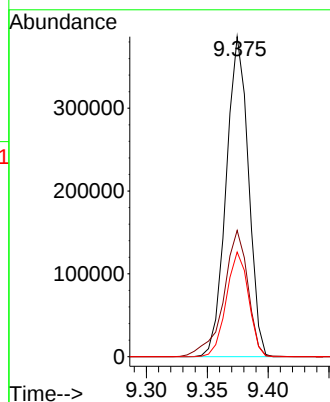
Tgt Ion:162 Resp: 490178

Ion Ratio Lower Upper

162 100

127 39.5 31.9 47.9

164 32.7 26.0 39.0



#48

2-Nitroaniline

Concen: 43.292 ng

RT: 9.469 min Scan# 1237

Delta R.T. 0.006 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

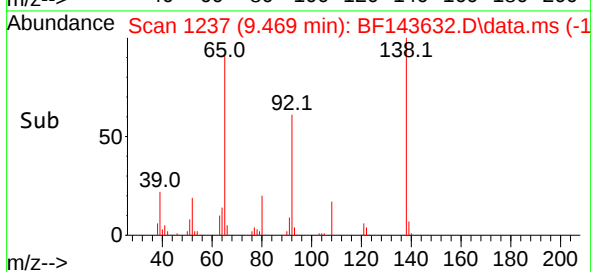
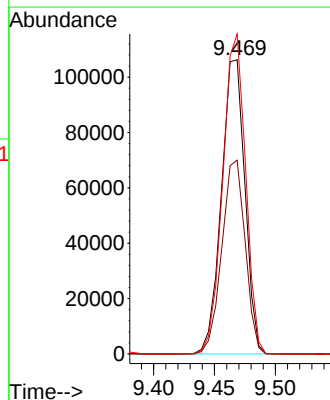
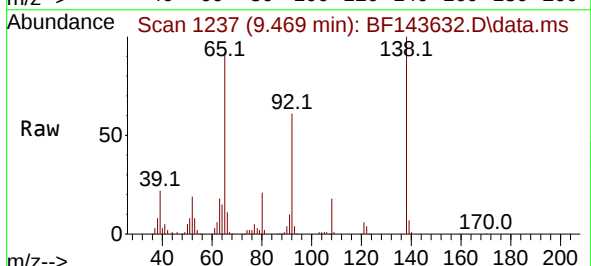
Tgt Ion: 65 Resp: 143084

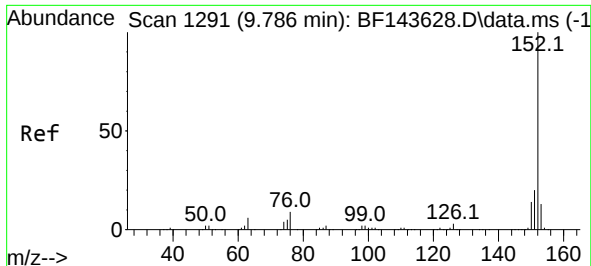
Ion Ratio Lower Upper

65 100

92 65.9 50.9 76.3

138 108.8 80.6 120.8





#49

Acenaphthylene

Concen: 40.106 ng

RT: 9.786 min Scan# 1291

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

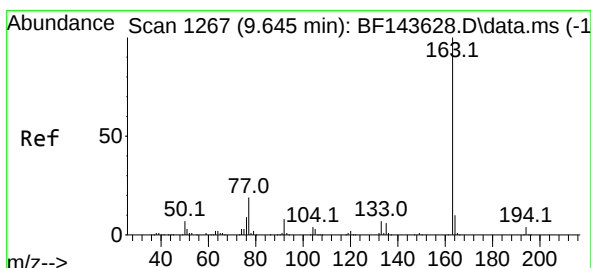
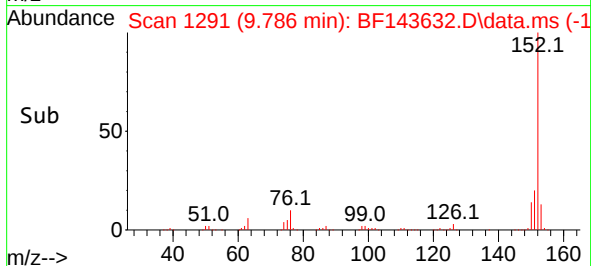
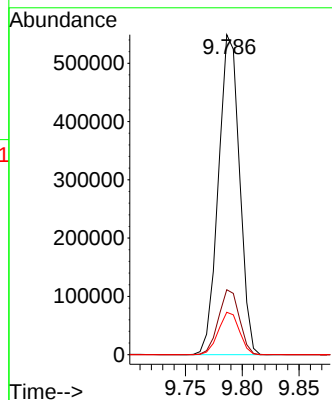
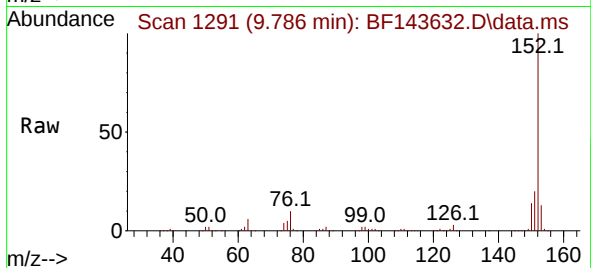
Tgt Ion:152 Resp: 709673

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 41.853 ng

RT: 9.645 min Scan# 1267

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

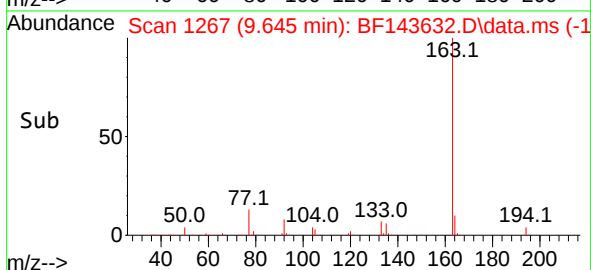
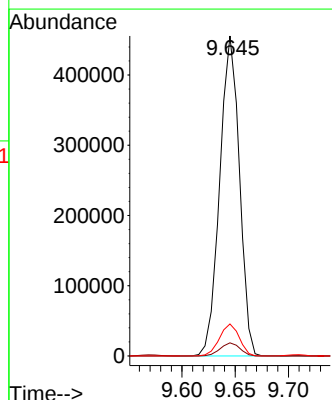
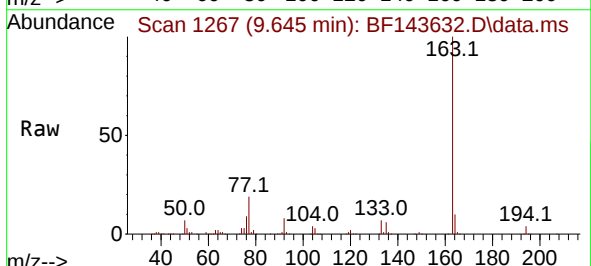
Tgt Ion:163 Resp: 584640

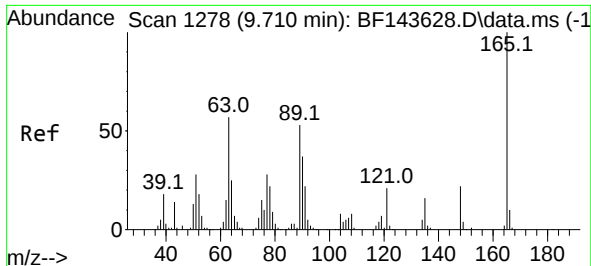
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.1 12.1

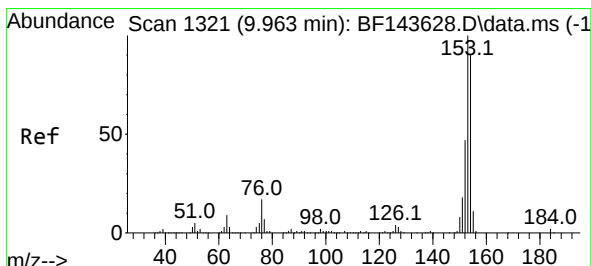
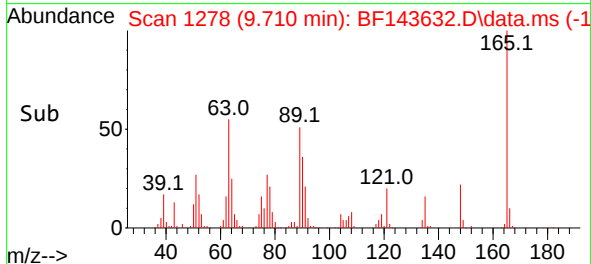
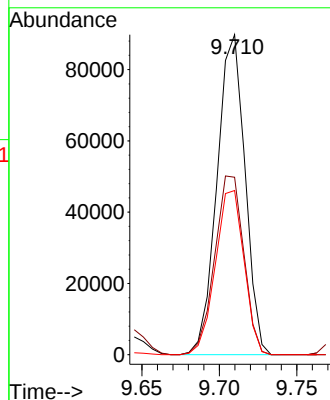
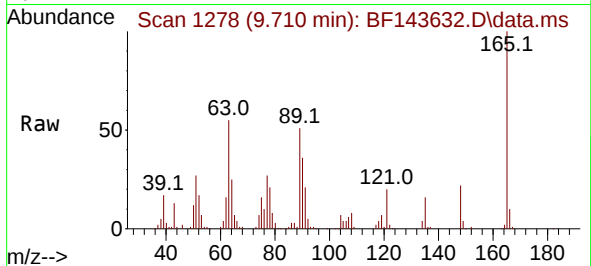




#51
2,6-Dinitrotoluene
Concen: 44.730 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

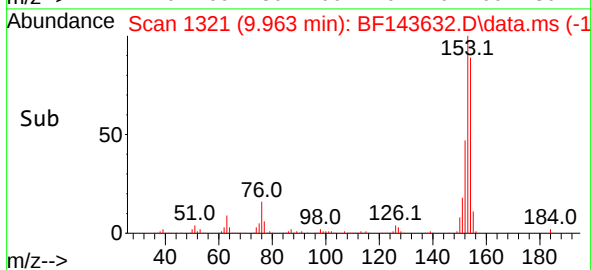
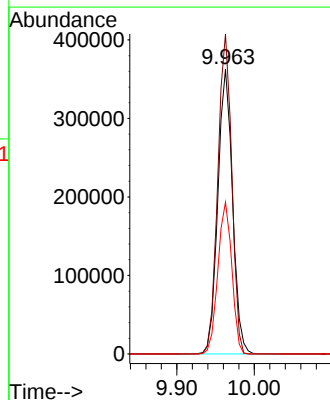
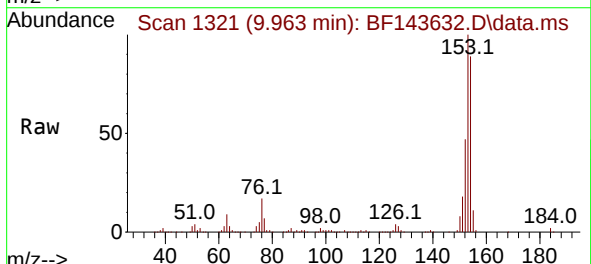
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

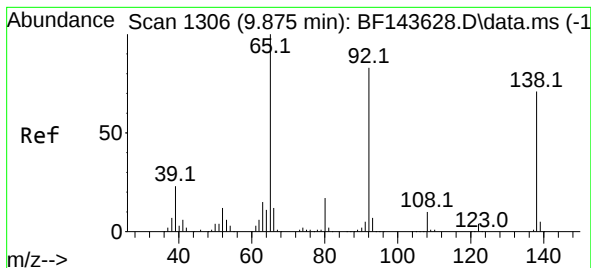
Tgt Ion:165 Resp: 112910
Ion Ratio Lower Upper
165 100
63 55.5 45.4 68.0
89 51.3 42.1 63.1



#52
Acenaphthene
Concen: 40.318 ng
RT: 9.963 min Scan# 1321
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:154 Resp: 477229
Ion Ratio Lower Upper
154 100
153 112.3 88.6 132.8
152 53.3 41.8 62.8





#53

3-Nitroaniline

Concen: 44.802 ng

RT: 9.874 min Scan# 1

Delta R.T. -0.001 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

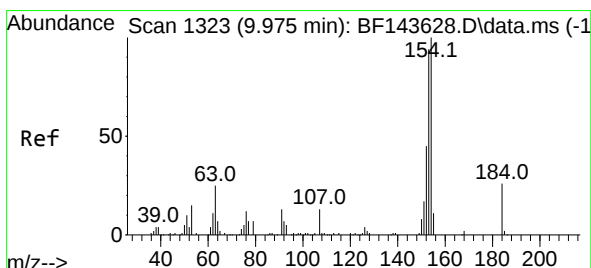
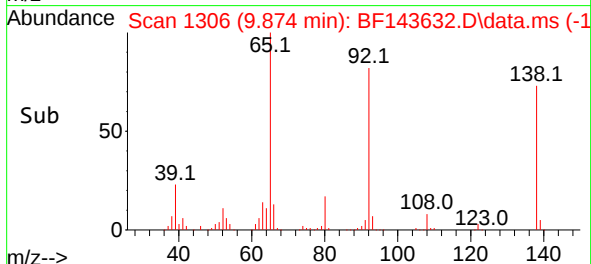
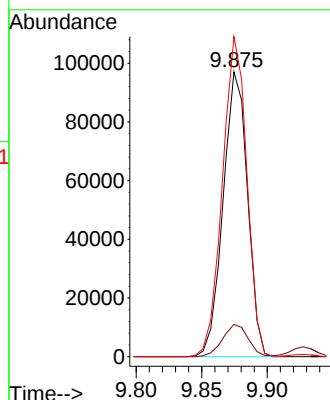
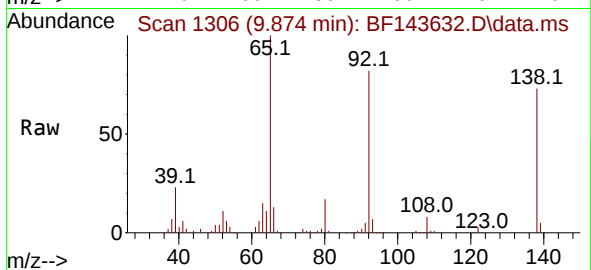
Tgt Ion:138 Resp: 125544

Ion Ratio Lower Upper

138 100

108 11.3 10.7 16.1

92 112.3 93.4 140.2



#54

2,4-Dinitrophenol

Concen: 49.295 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.005 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

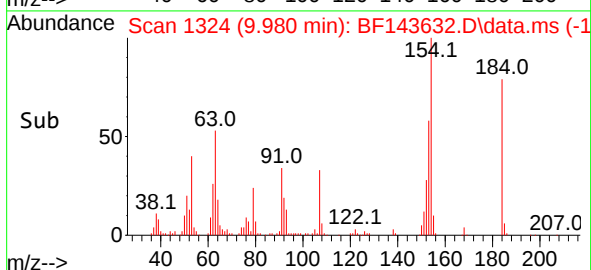
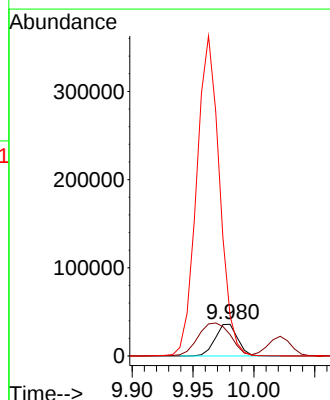
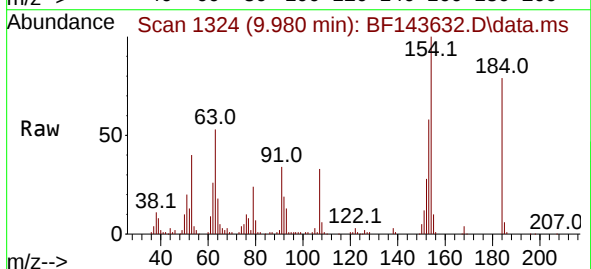
Tgt Ion:184 Resp: 45943

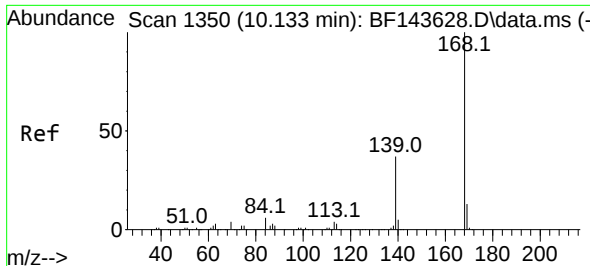
Ion Ratio Lower Upper

184 100

63 67.2 81.8 122.8#

154 125.8 348.3 522.5#

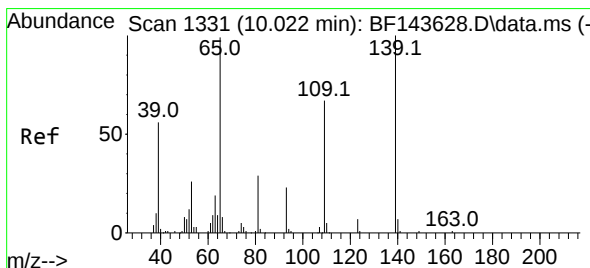
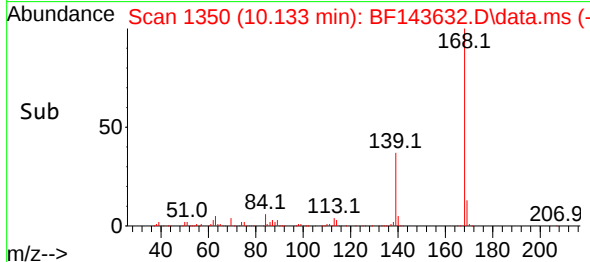
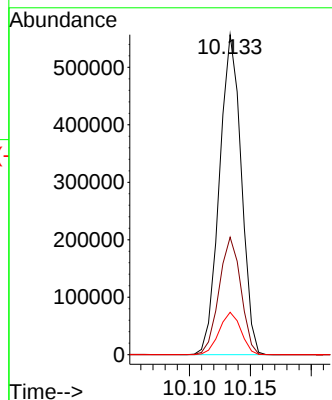
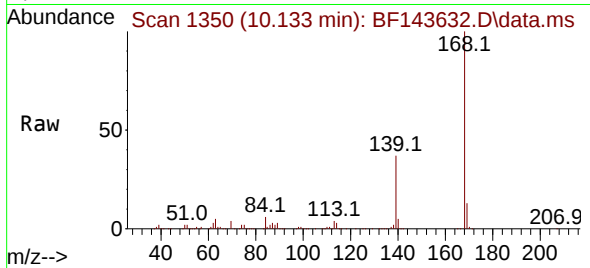




#55
Dibenzenofuran
Concen: 40.431 ng
RT: 10.133 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

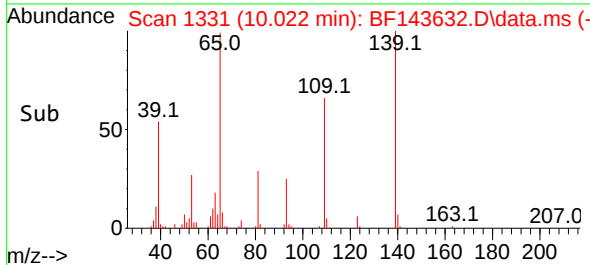
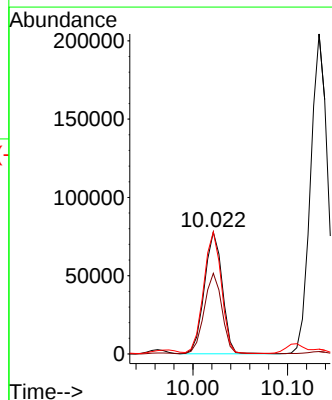
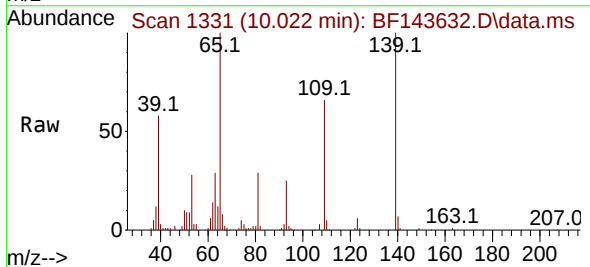
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

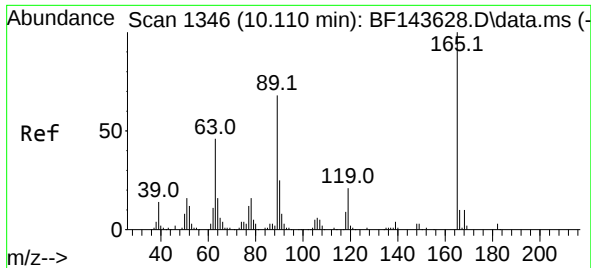
Tgt Ion:168 Resp: 695273
Ion Ratio Lower Upper
168 100
139 36.7 29.8 44.8
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 49.165 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:139 Resp: 101826
Ion Ratio Lower Upper
139 100
109 66.2 47.6 87.6
65 100.2 80.5 120.5

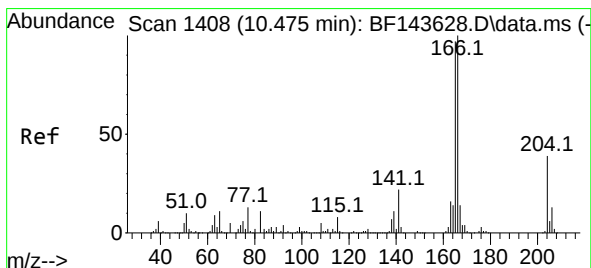
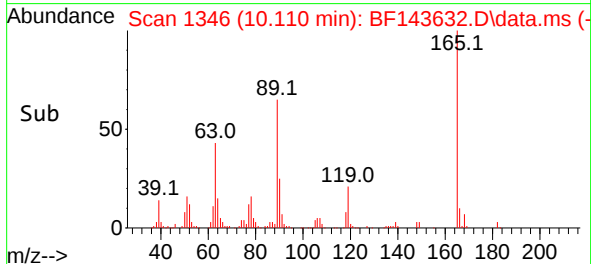
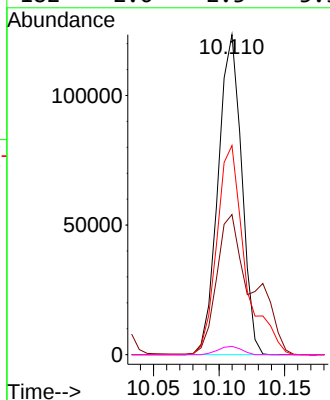
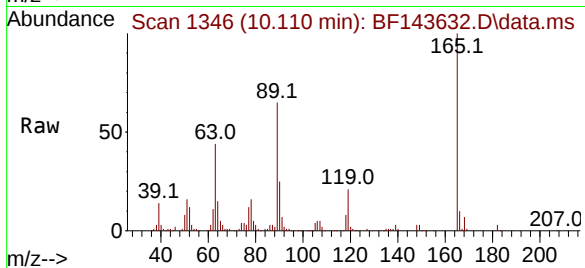




#57
2,4-Dinitrotoluene
Concen: 45.057 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

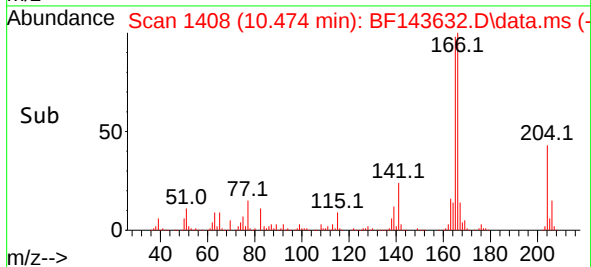
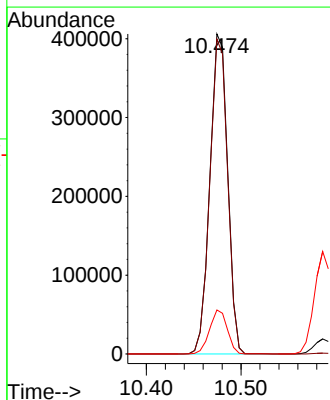
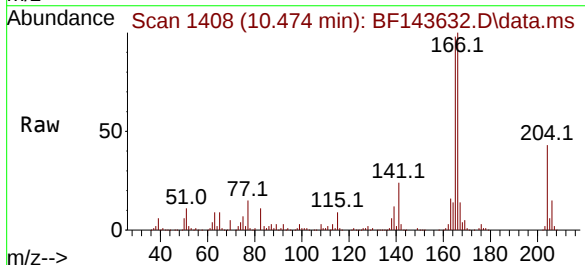
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

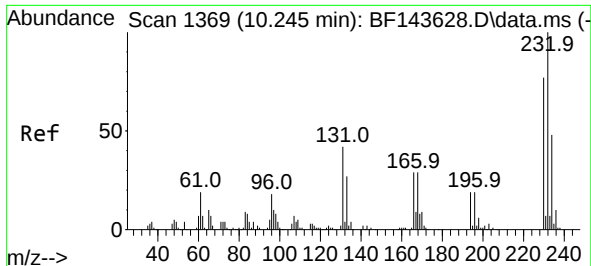
Tgt Ion:165 Resp: 154050
Ion Ratio Lower Upper
165 100
63 43.8 37.0 55.6
89 65.3 54.1 81.1
182 2.6 2.3 3.5



#58
Fluorene
Concen: 39.738 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

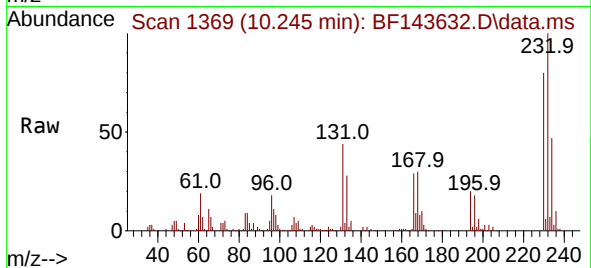
Tgt Ion:166 Resp: 528563
Ion Ratio Lower Upper
166 100
165 98.4 77.6 116.4
167 13.7 10.9 16.3



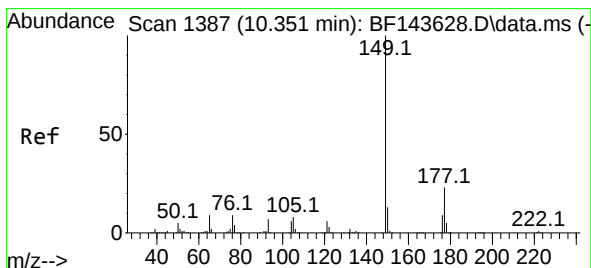
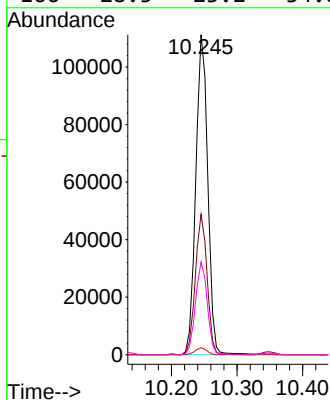
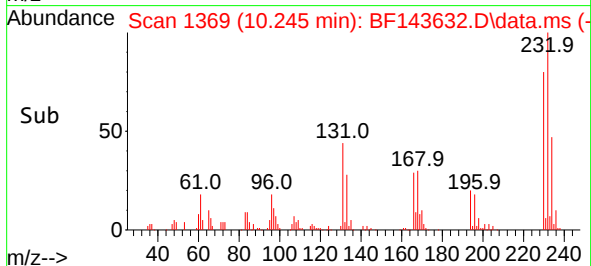


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.060 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

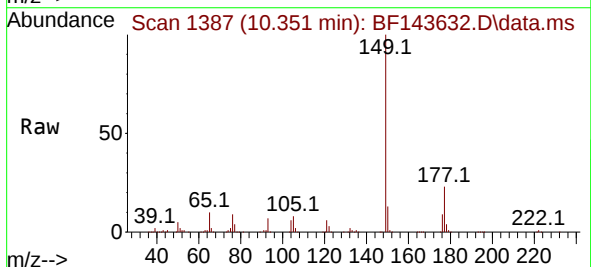
Instrument :
BNA_F
ClientSampleId :
ICVBF090325



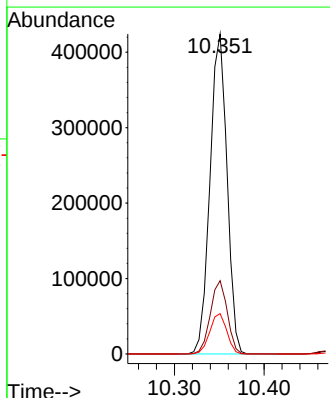
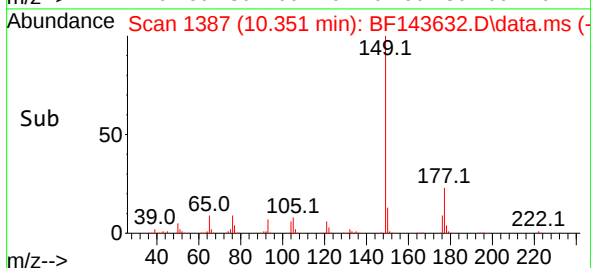
Tgt Ion:232 Resp: 141539
Ion Ratio Lower Upper
232 100
131 43.2 33.7 50.5
130 2.1 1.5 2.3
166 28.5 23.2 34.8

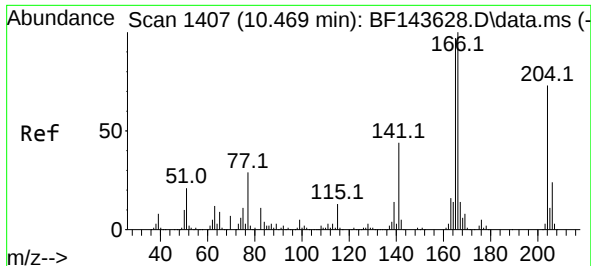


#60
Diethylphthalate
Concen: 42.130 ng
RT: 10.351 min Scan# 1387
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08



Tgt Ion:149 Resp: 558700
Ion Ratio Lower Upper
149 100
177 22.9 18.6 28.0
150 12.6 10.3 15.5

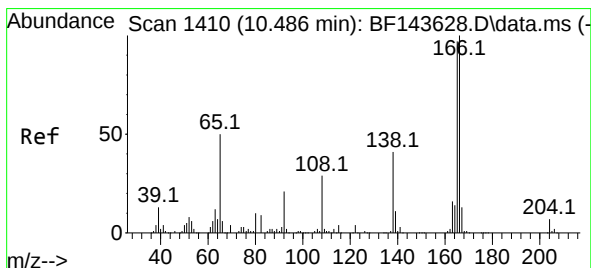
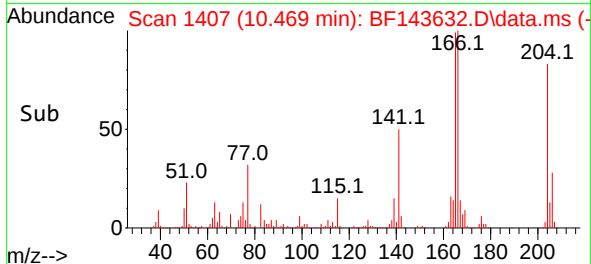
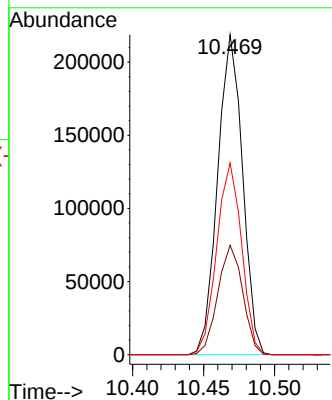
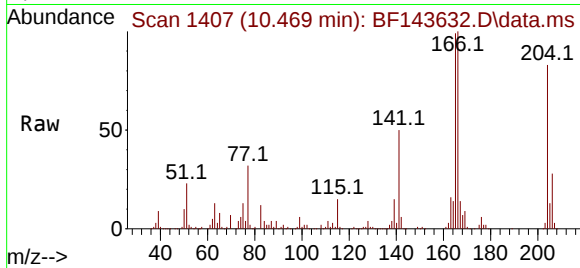




#61
4-Chlorophenyl-phenylether
Concen: 40.113 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

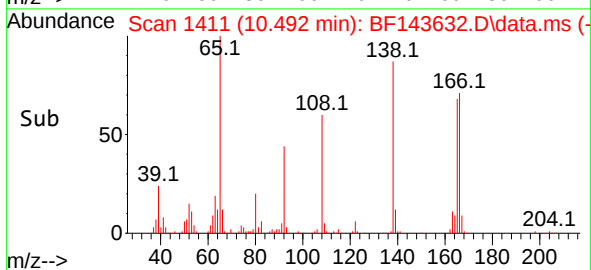
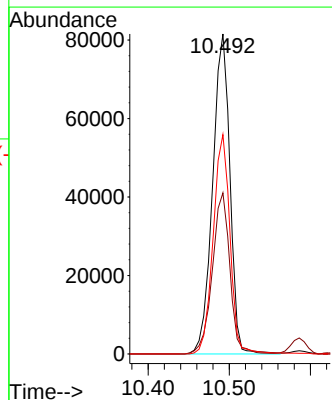
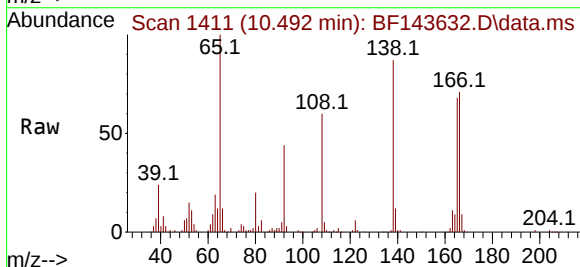
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

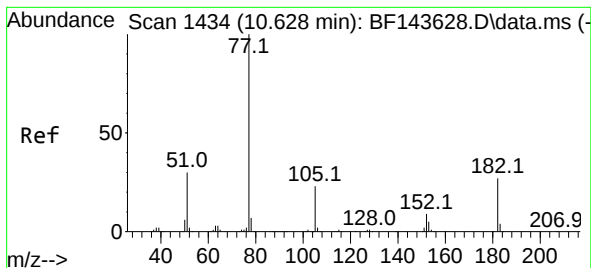
Tgt Ion:204 Resp: 266241
Ion Ratio Lower Upper
204 100
206 34.2 26.6 40.0
141 59.9 47.8 71.6



#62
4-Nitroaniline
Concen: 44.281 ng
RT: 10.492 min Scan# 1411
Delta R.T. 0.006 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:138 Resp: 120822
Ion Ratio Lower Upper
138 100
92 50.4 30.5 70.5
108 68.6 49.1 89.1





#63

Azobenzene

Concen: 40.872 ng

RT: 10.627 min Scan# 1434

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

Tgt Ion: 77 Resp: 510908

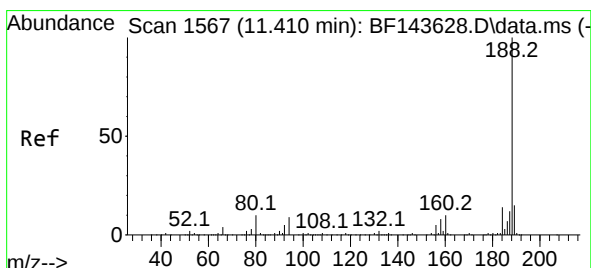
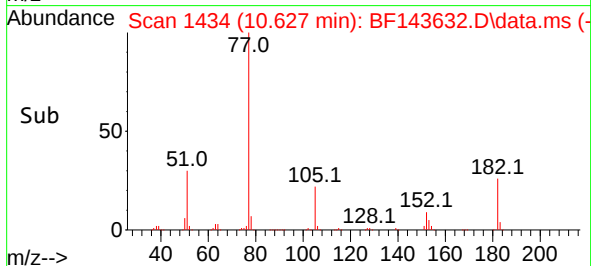
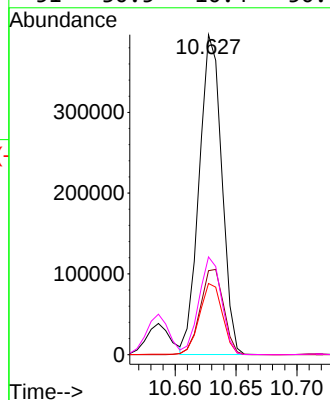
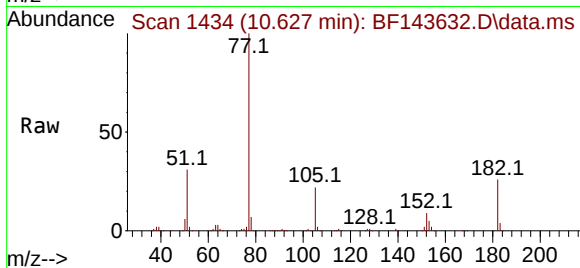
Ion Ratio Lower Upper

77 100

182 26.2 6.8 46.8

105 22.2 2.8 42.8

51 30.5 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.006 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

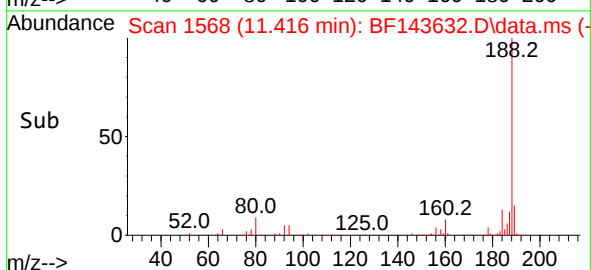
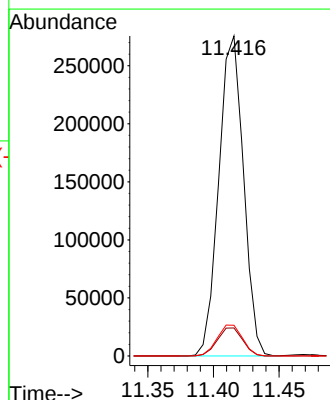
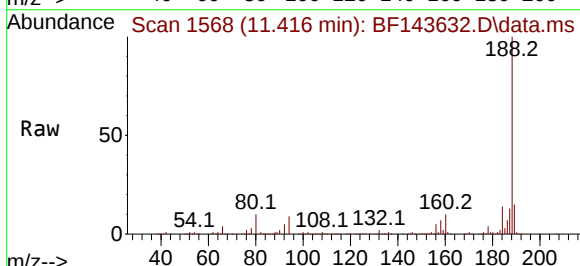
Tgt Ion: 188 Resp: 360686

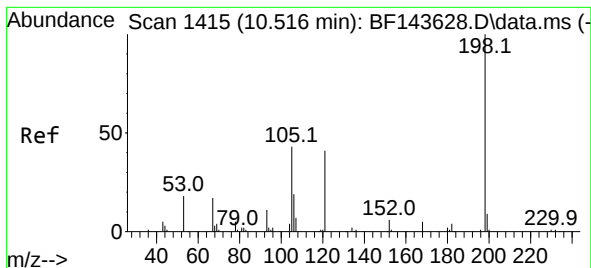
Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.6 8.4 12.6

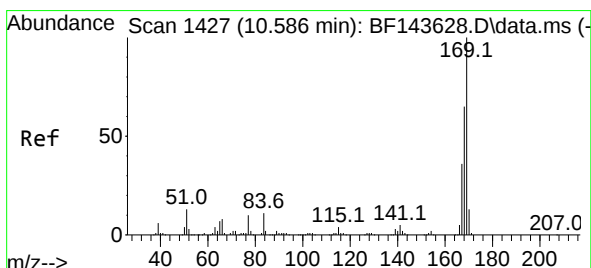
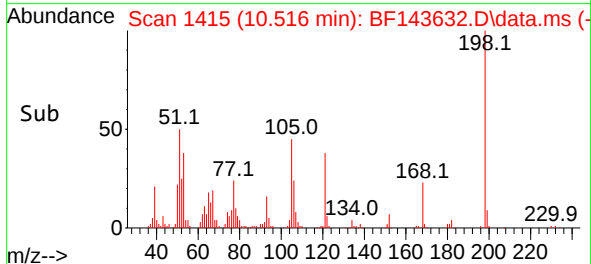
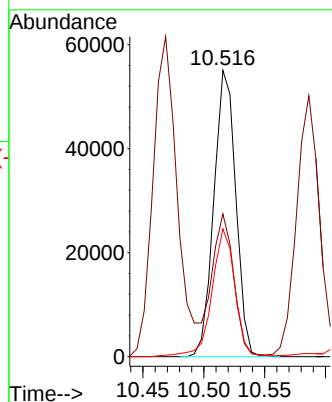
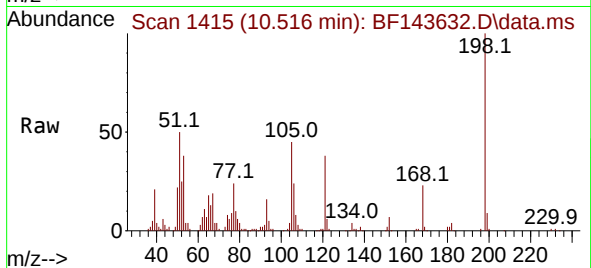




#65
4,6-Dinitro-2-methylphenol
Concen: 45.635 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

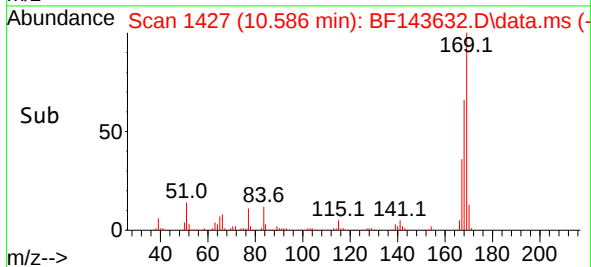
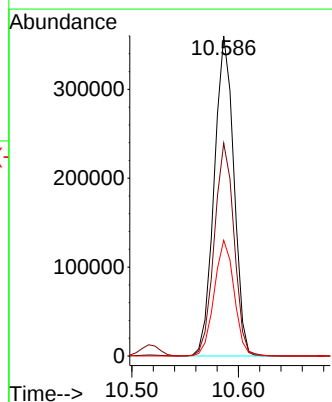
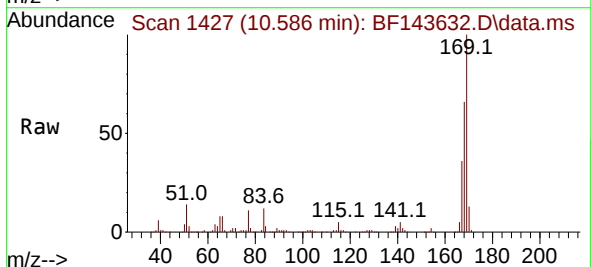
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

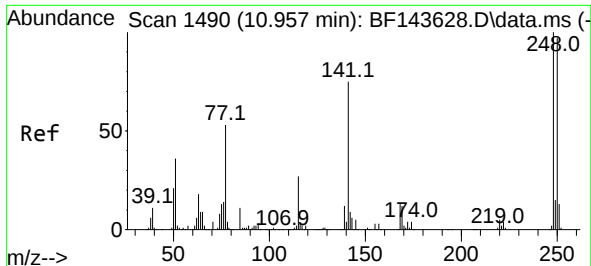
Tgt Ion:198 Resp: 69004
Ion Ratio Lower Upper
198 100
51 49.9 30.7 70.7
105 44.6 26.0 66.0



#66
n-Nitrosodiphenylamine
Concen: 39.529 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:169 Resp: 460184
Ion Ratio Lower Upper
169 100
168 66.5 52.2 78.4
167 36.2 28.5 42.7

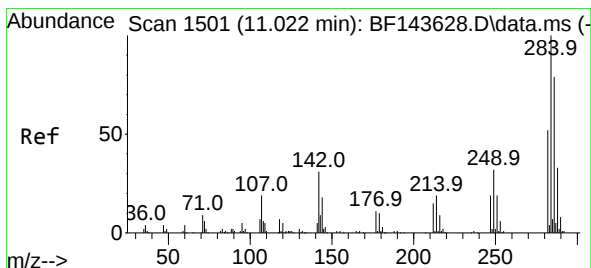
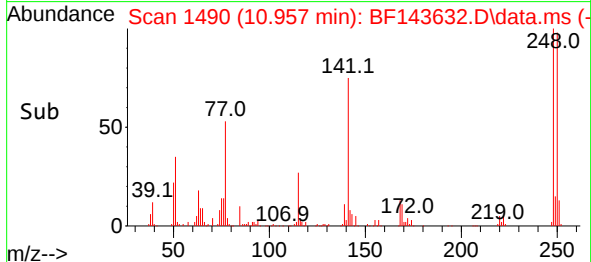
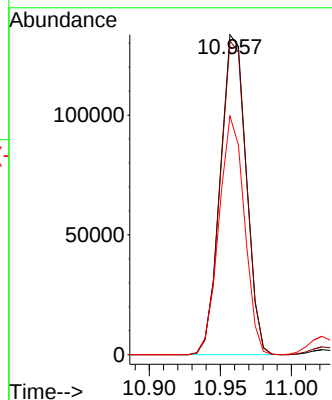
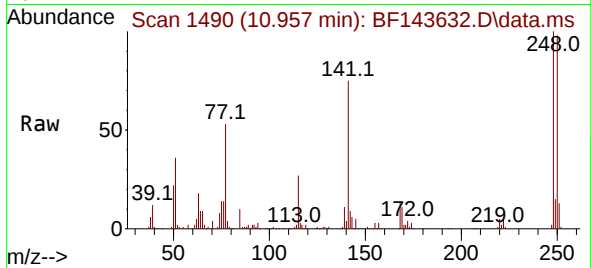




#67
4-Bromophenyl-phenylether
Concen: 40.705 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

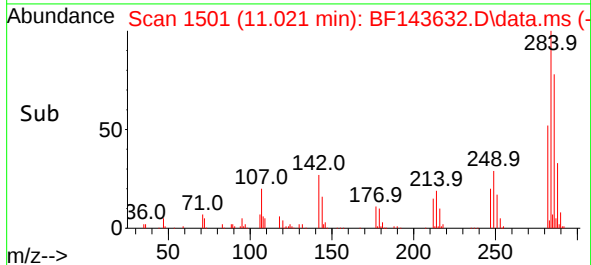
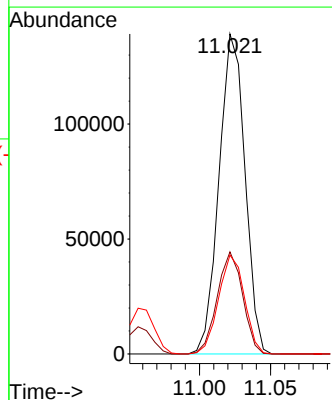
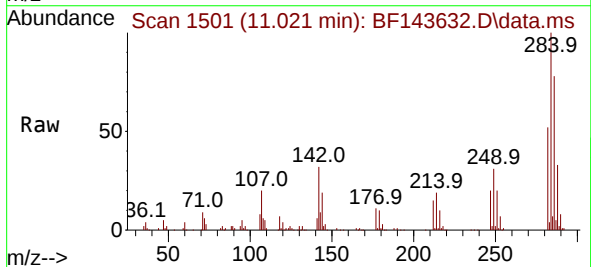
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

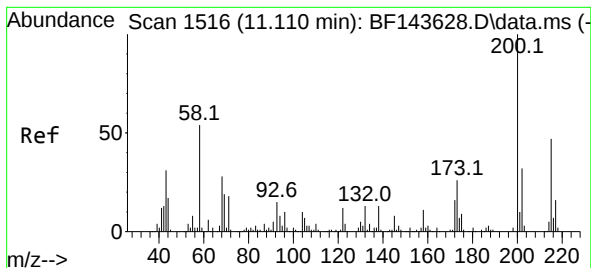
Tgt Ion:248 Resp: 170275
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 74.6 60.1 90.1



#68
Hexachlorobenzene
Concen: 40.211 ng
RT: 11.021 min Scan# 1501
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:284 Resp: 176691
Ion Ratio Lower Upper
284 100
142 31.9 24.7 37.1
249 30.9 25.4 38.2





#69

Atrazine

Concen: 44.412 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

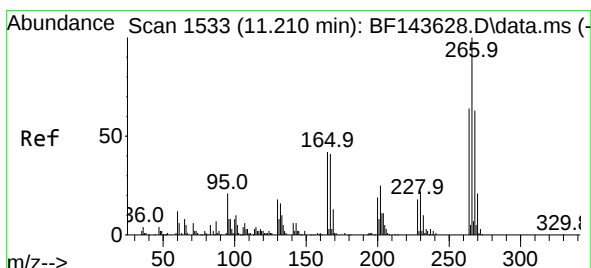
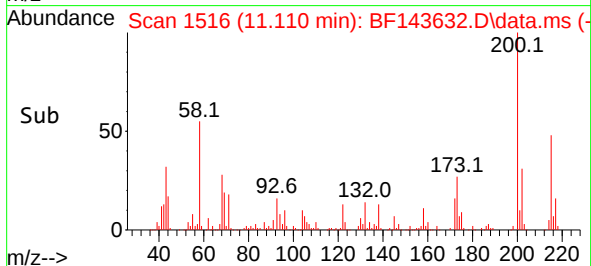
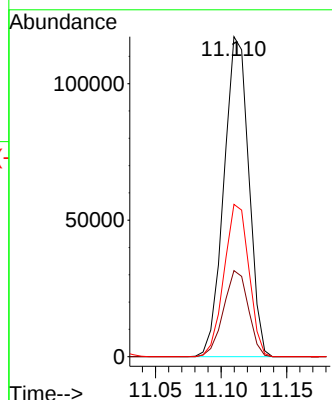
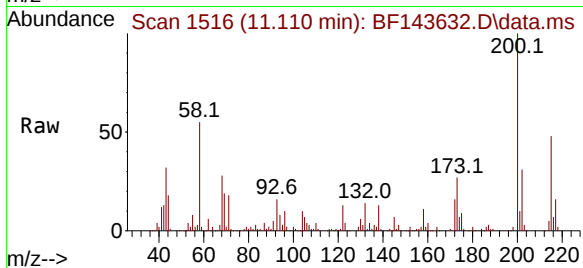
Tgt Ion:200 Resp: 154572

Ion Ratio Lower Upper

200 100

173 26.9 6.4 46.4

215 47.6 26.9 66.9



#70

Pentachlorophenol

Concen: 46.782 ng

RT: 11.210 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

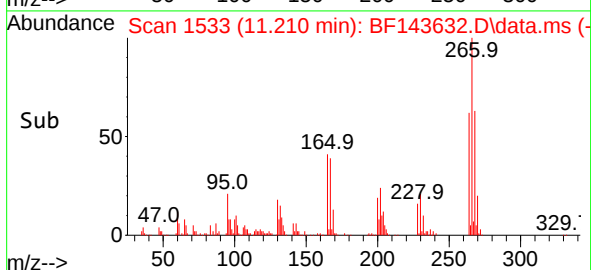
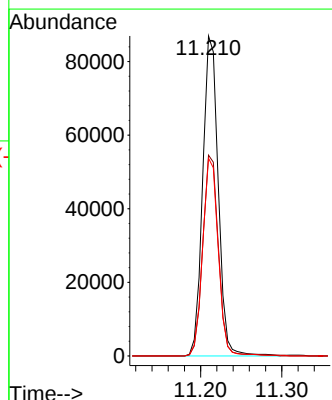
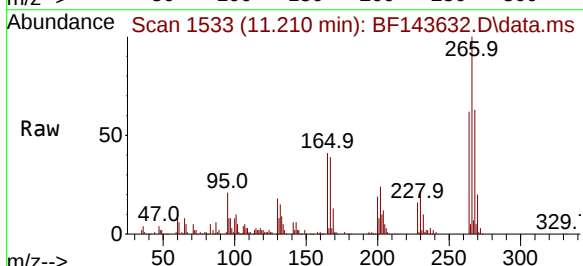
Tgt Ion:266 Resp: 115474

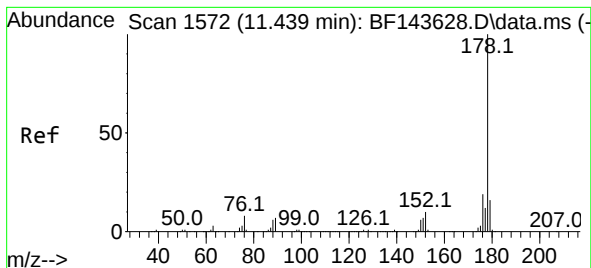
Ion Ratio Lower Upper

266 100

268 62.8 50.6 76.0

264 61.8 51.2 76.8





#71

Phenanthrene

Concen: 39.513 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

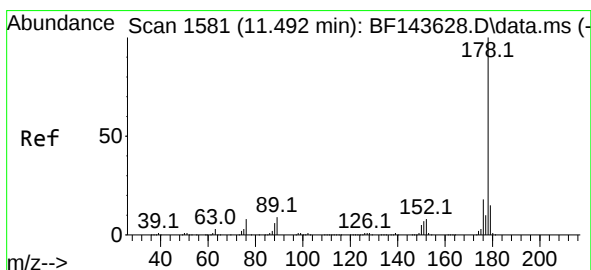
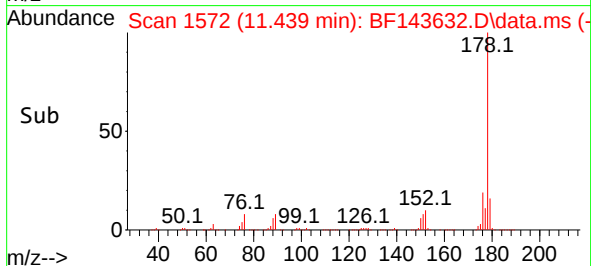
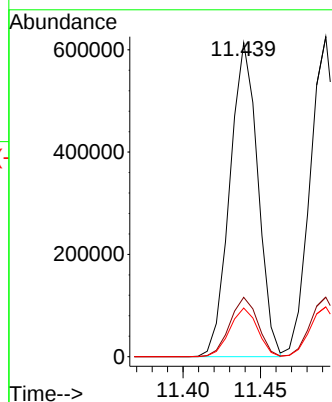
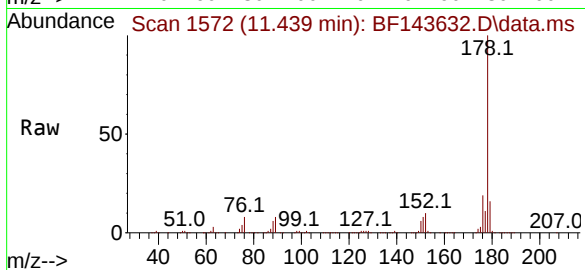
Tgt Ion:178 Resp: 770645

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 40.137 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

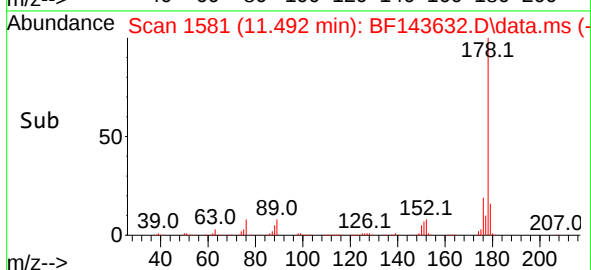
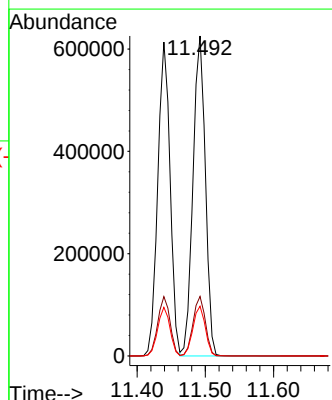
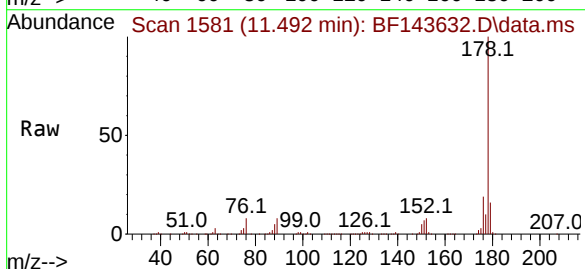
Tgt Ion:178 Resp: 785121

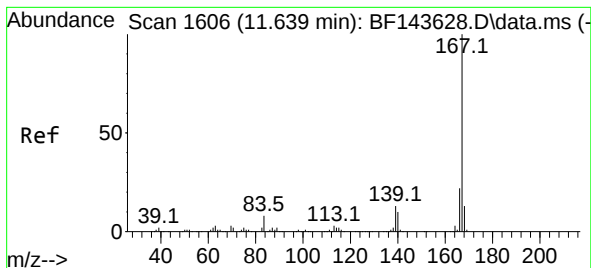
Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

179 15.6 12.3 18.5





#73

Carbazole

Concen: 41.236 ng

RT: 11.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

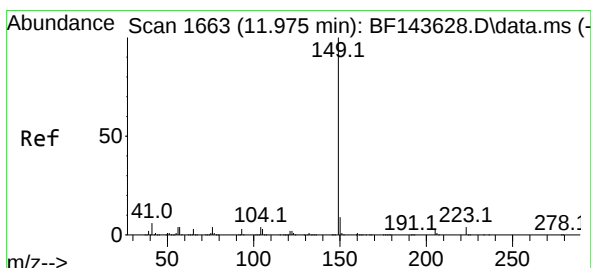
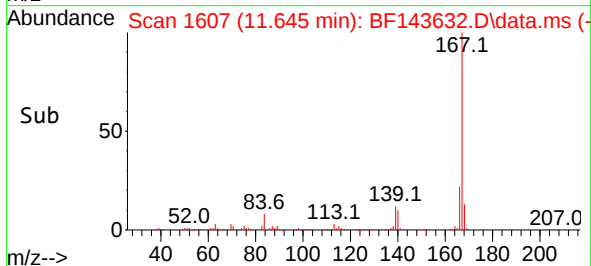
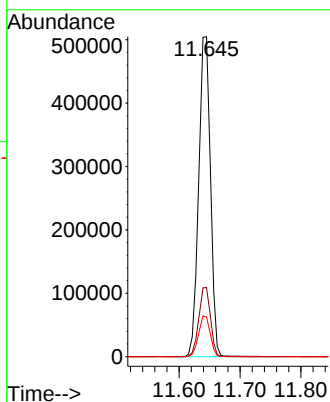
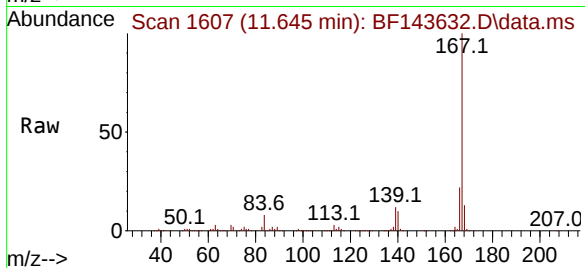
Tgt Ion:167 Resp: 679889

Ion Ratio Lower Upper

167 100

166 21.6 17.3 25.9

139 12.4 10.3 15.5



#74

Di-n-butylphthalate

Concen: 44.853 ng

RT: 11.974 min Scan# 1663

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

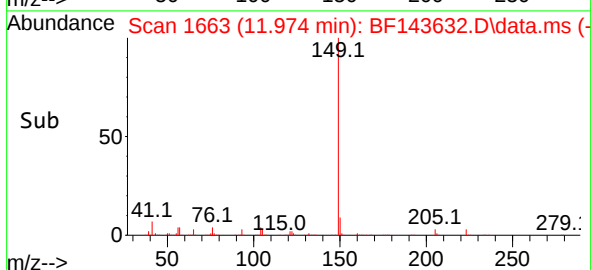
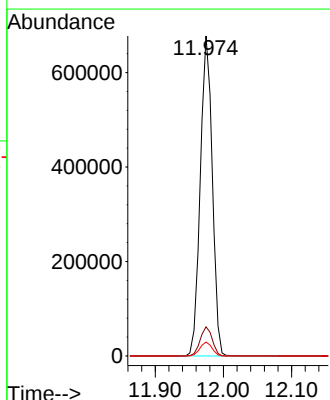
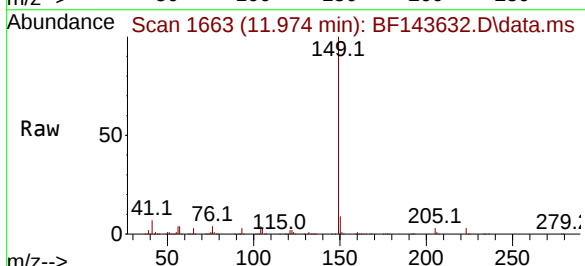
Tgt Ion:149 Resp: 830341

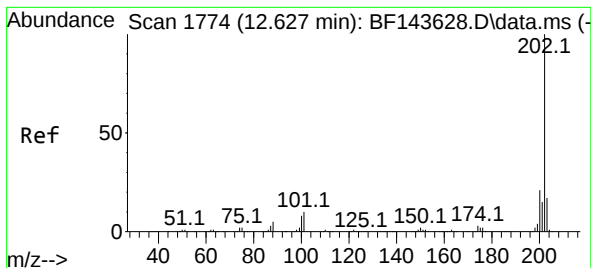
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 41.009 ng

RT: 12.627 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

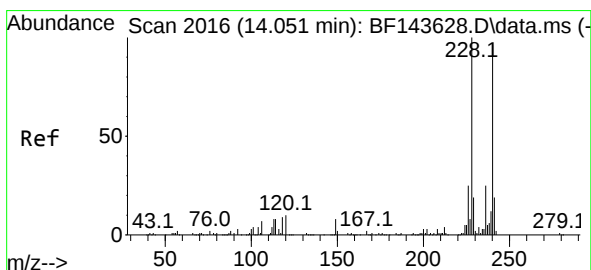
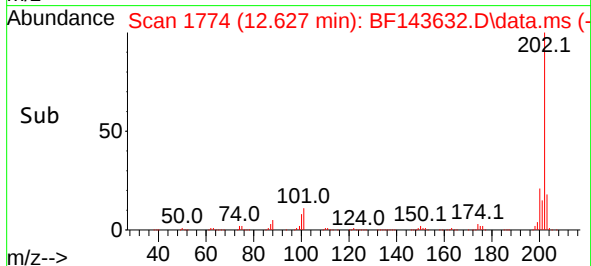
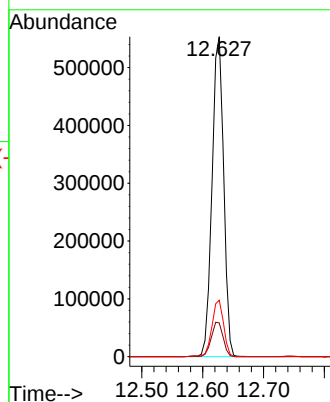
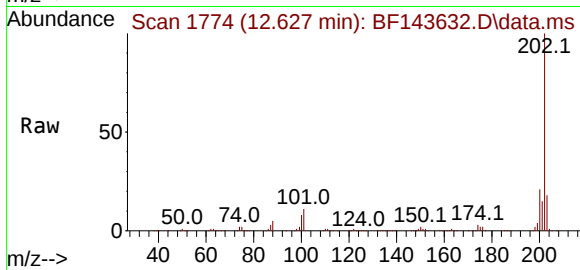
Tgt Ion:202 Resp: 734571

Ion Ratio Lower Upper

202 100

101 10.6 0.0 30.3

203 17.6 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

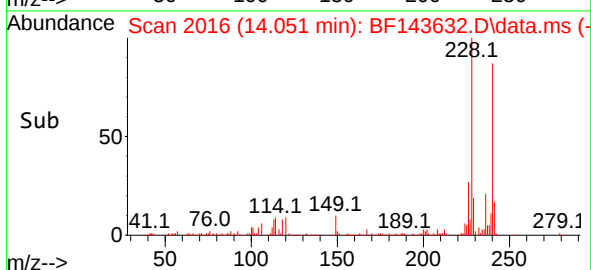
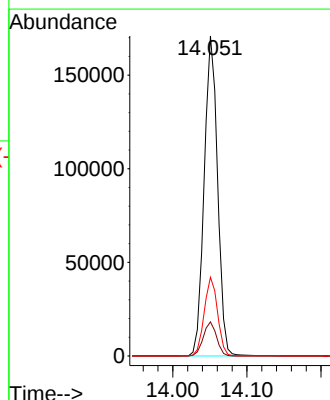
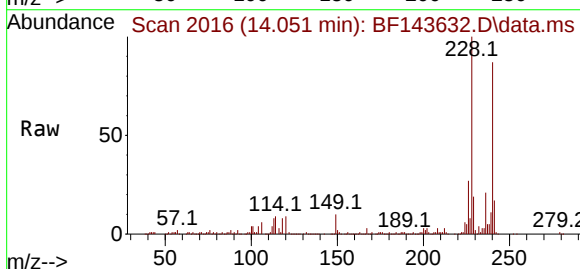
Tgt Ion:240 Resp: 214464

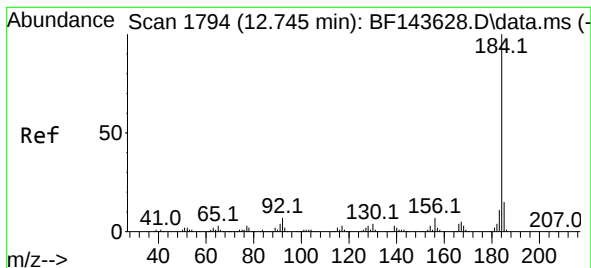
Ion Ratio Lower Upper

240 100

120 10.7 8.0 12.0

236 24.6 20.5 30.7





#77

Benzidine

Concen: 43.461 ng

RT: 12.745 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

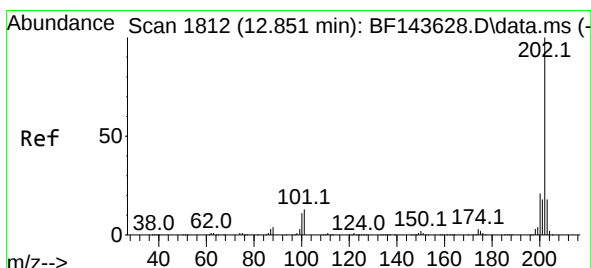
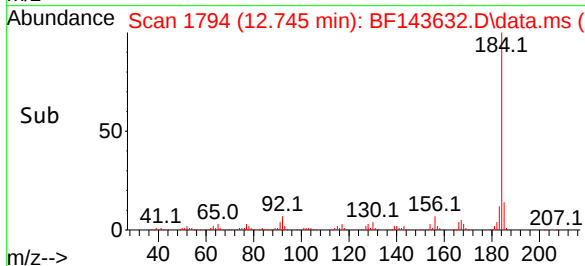
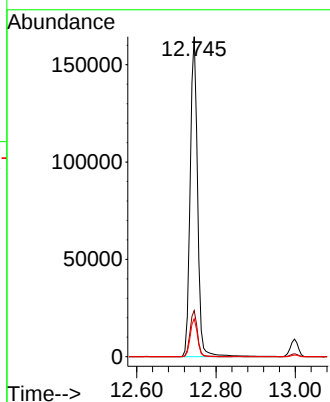
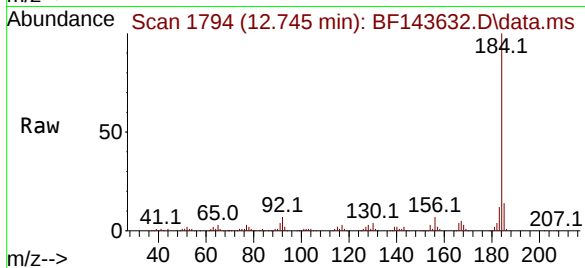
Tgt Ion:184 Resp: 213251

Ion Ratio Lower Upper

184 100

185 14.4 11.8 17.6

183 11.9 9.0 13.6



#78

Pyrene

Concen: 41.709 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.006 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

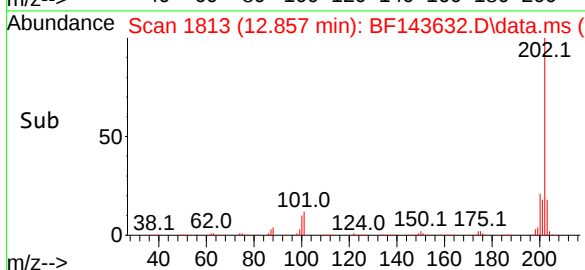
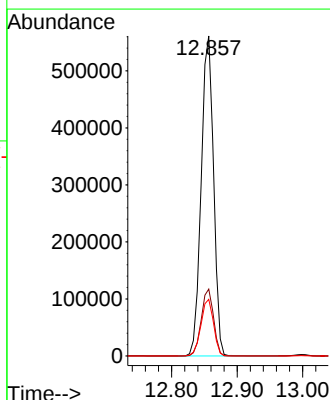
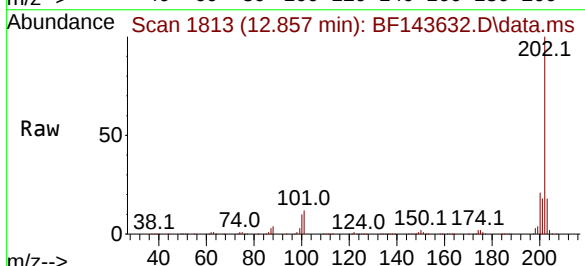
Tgt Ion:202 Resp: 738127

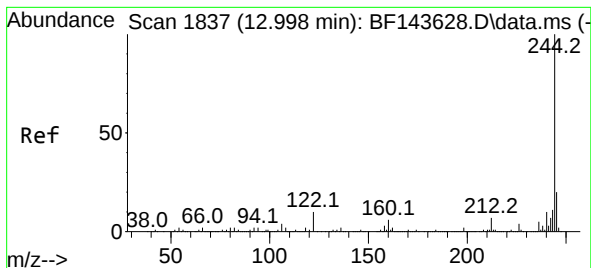
Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

203 17.7 14.0 21.0





#79

Terphenyl-d14

Concen: 84.599 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

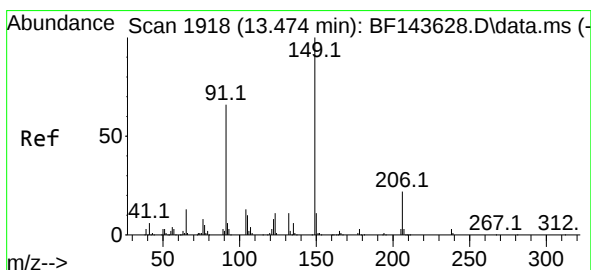
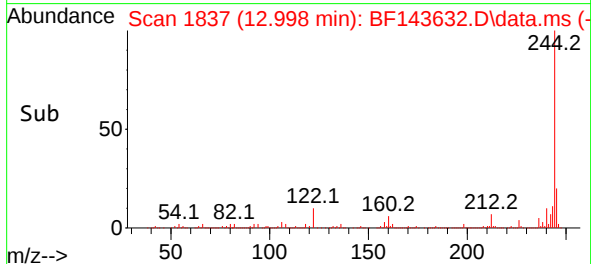
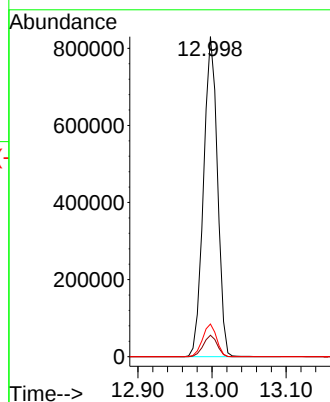
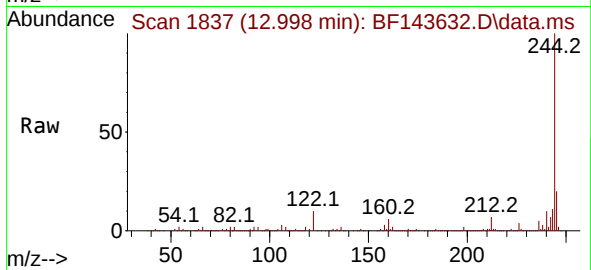
Tgt Ion:244 Resp: 1088902

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.2 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.299 ng

RT: 13.474 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

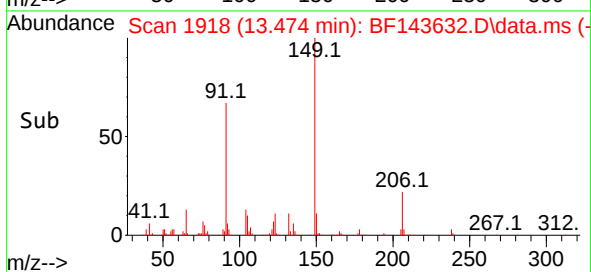
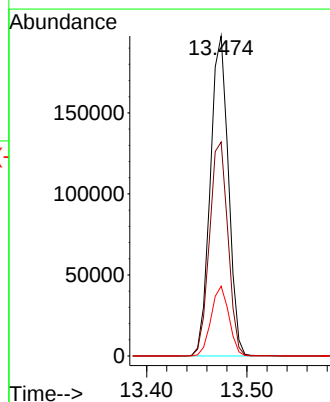
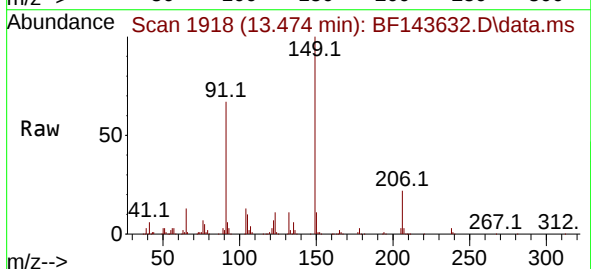
Tgt Ion:149 Resp: 248214

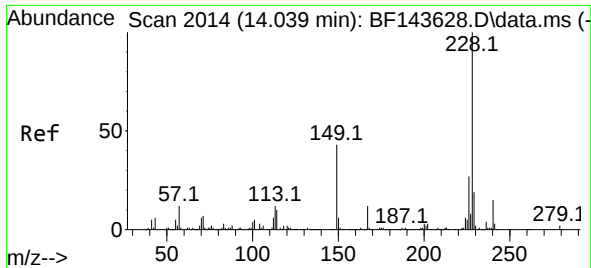
Ion Ratio Lower Upper

149 100

91 66.9 53.0 79.4

206 21.8 17.4 26.2

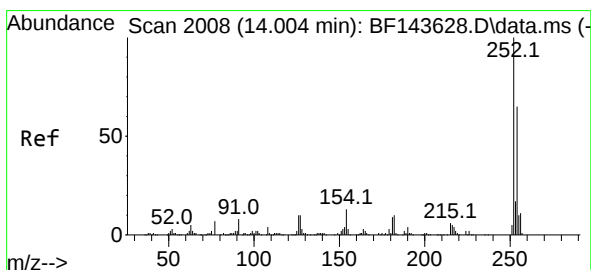
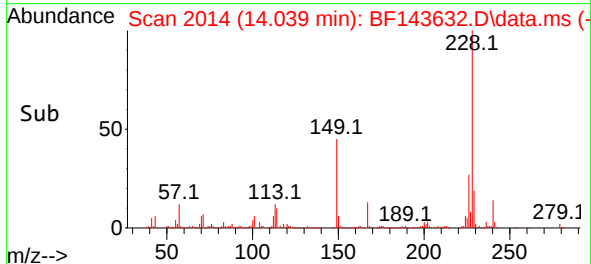
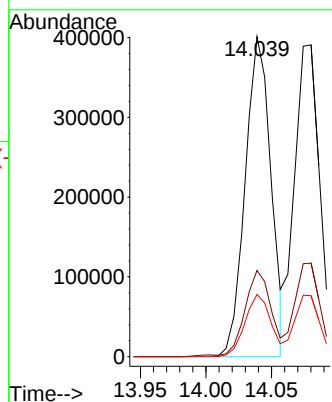
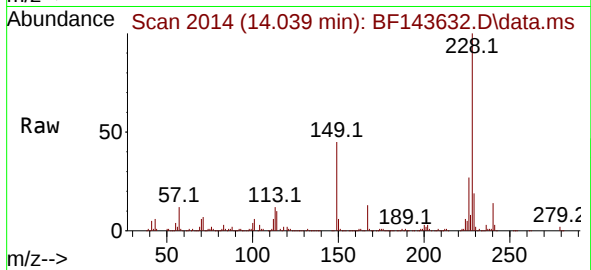




#81
Benzo(a)anthracene
Concen: 39.375 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

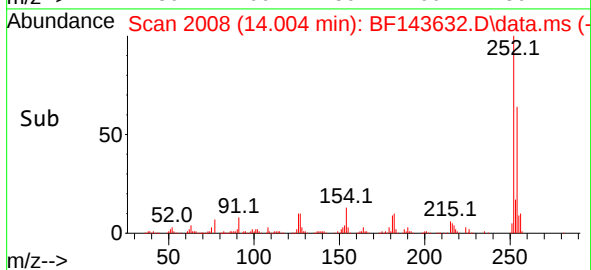
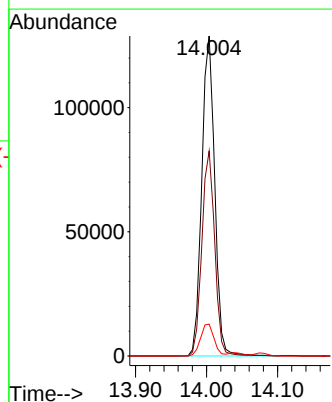
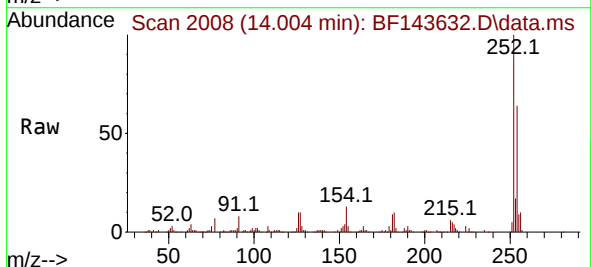
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

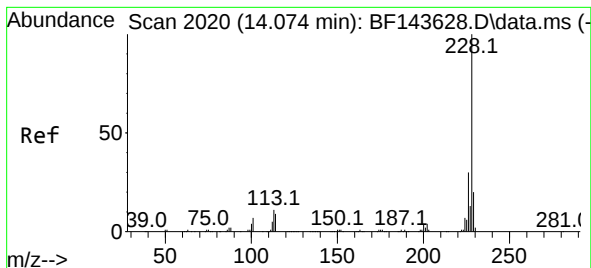
Tgt Ion:228 Resp: 546964
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.2
229 19.4 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 43.248 ng
RT: 14.004 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:252 Resp: 163766
Ion Ratio Lower Upper
252 100
254 64.0 52.2 78.2
126 9.9 8.1 12.1





#83

Chrysene

Concen: 41.820 ng

RT: 14.080 min Scan# 2020

Delta R.T. 0.006 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

Instrument :

BNA_F

ClientSampleId :

ICVBF090325

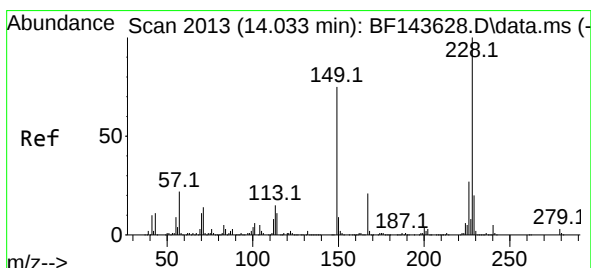
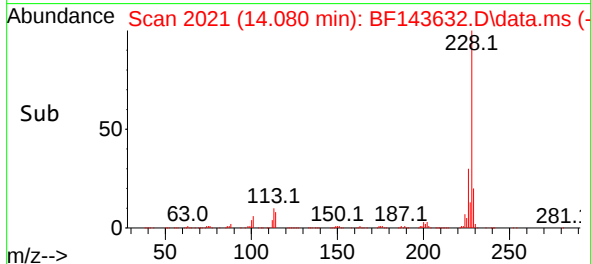
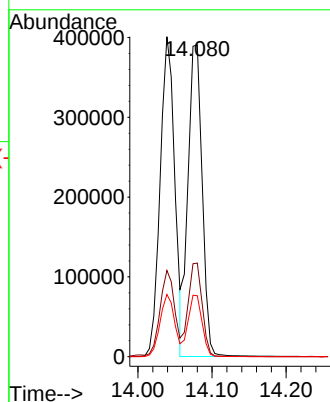
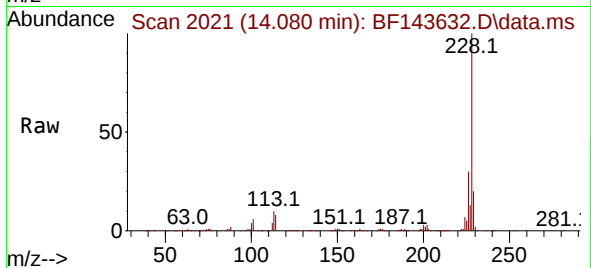
Tgt Ion:228 Resp: 522200

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.6

229 19.5 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.177 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF143632.D

Acq: 03 Sep 2025 18:08

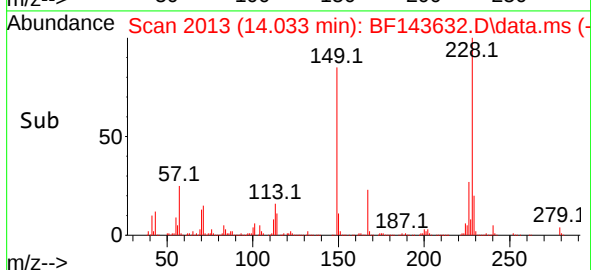
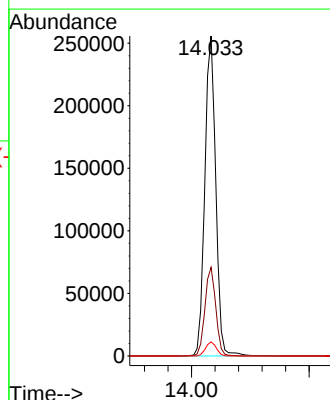
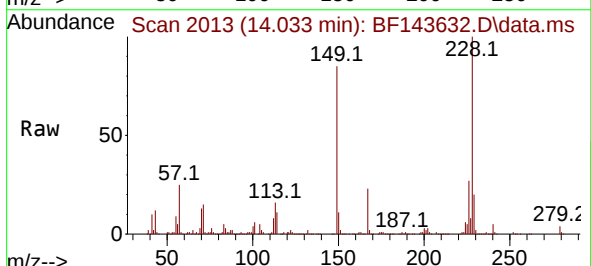
Tgt Ion:149 Resp: 330937

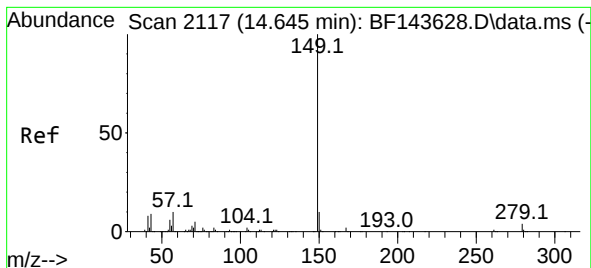
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 4.4 3.4 5.2

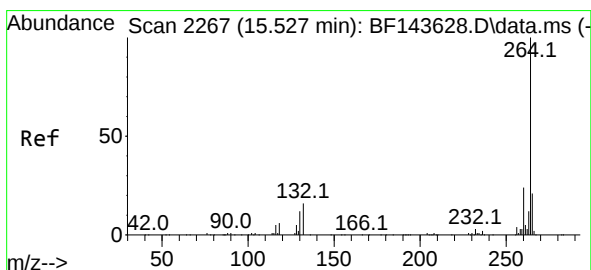
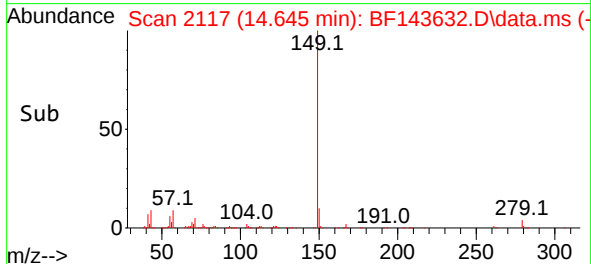
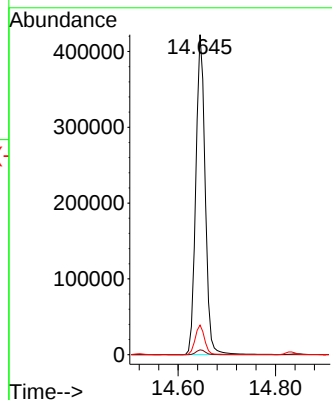
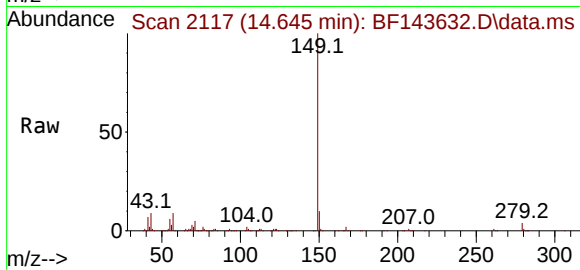




#85
Di-n-octyl phthalate
Concen: 44.521 ng
RT: 14.645 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

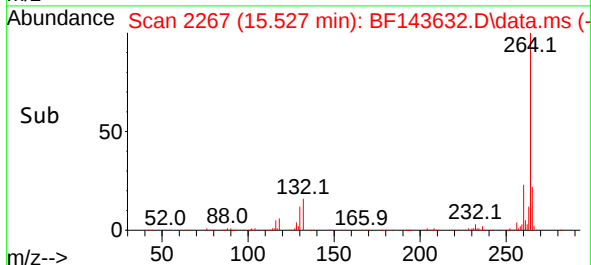
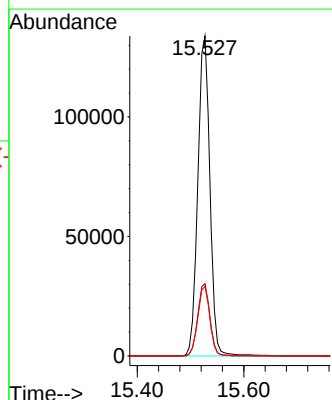
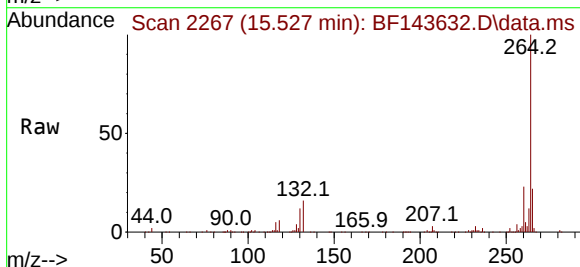
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

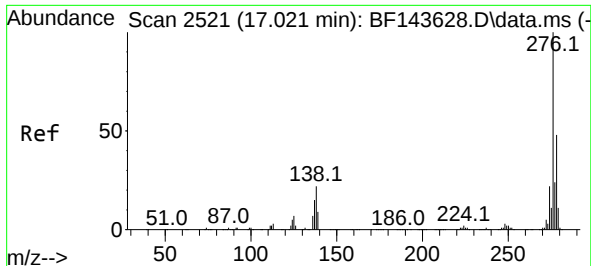
Tgt Ion:149 Resp: 566498
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:264 Resp: 210301
Ion Ratio Lower Upper
264 100
260 22.6 18.9 28.3
265 21.7 17.1 25.7

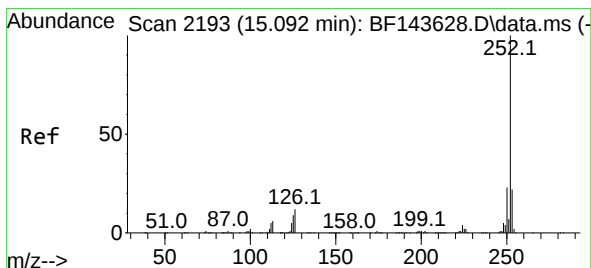
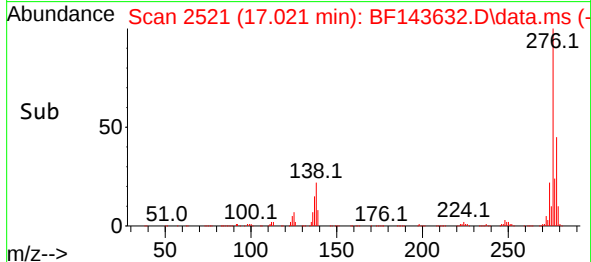
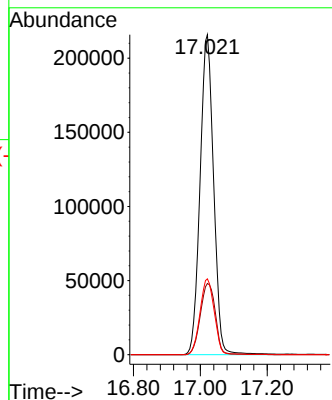
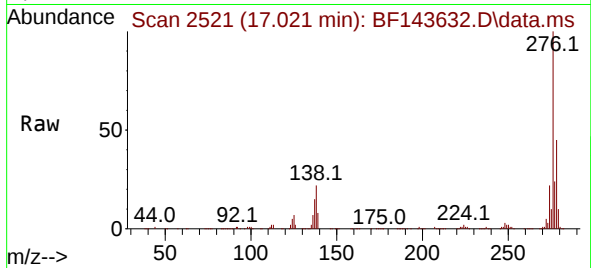




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.428 ng
RT: 17.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

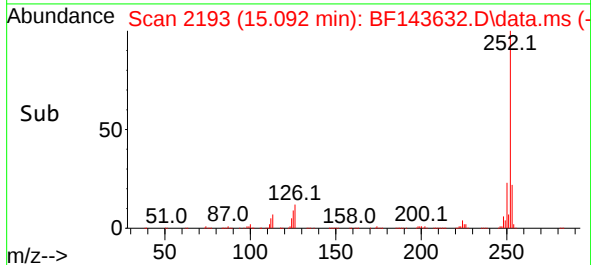
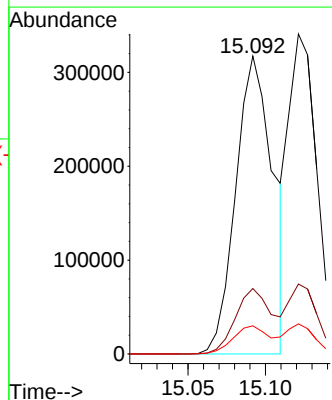
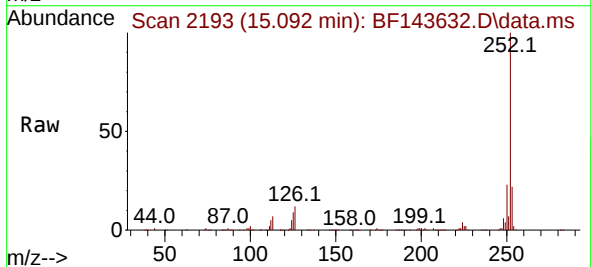
Instrument :
BNA_F
ClientSampleId :
ICVBF090325

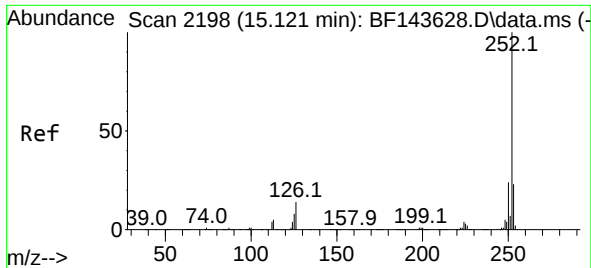
Tgt Ion:276 Resp: 607369
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.6
277 25.0 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 41.733 ng
RT: 15.092 min Scan# 2193
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

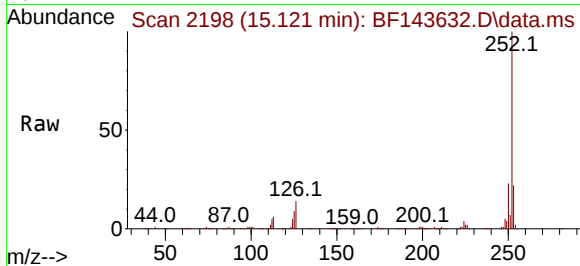
Tgt Ion:252 Resp: 528781
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.5 7.4 11.2



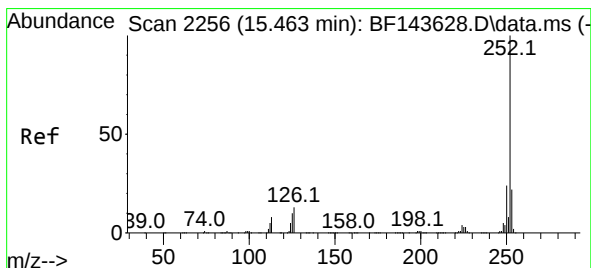
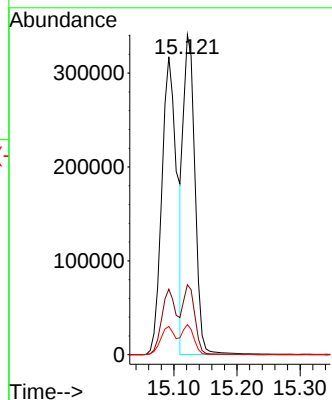
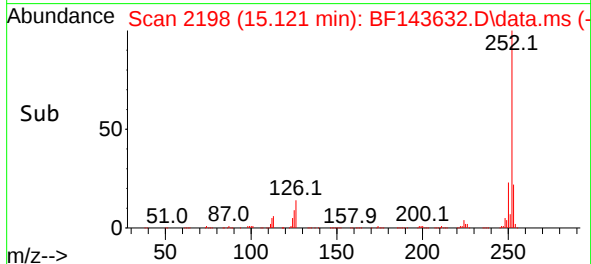


#89
Benzo(k)fluoranthene
Concen: 39.962 ng
RT: 15.121 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
ICVBF090325

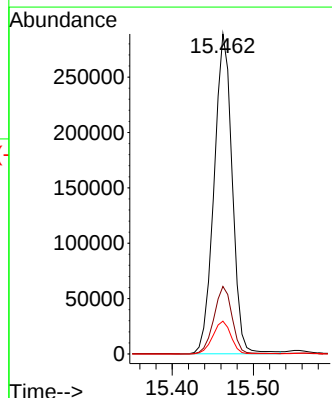
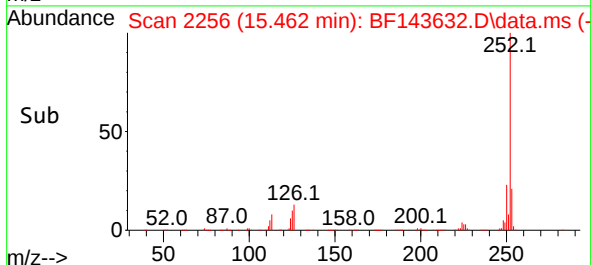
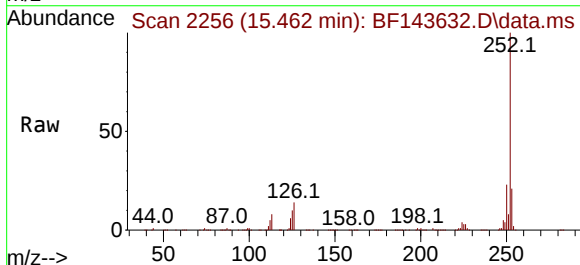


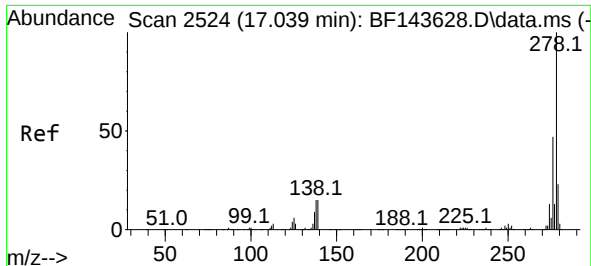
Tgt Ion:252 Resp: 437889
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.194 ng
RT: 15.462 min Scan# 2256
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:252 Resp: 448665
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.2
125 10.3 8.3 12.5

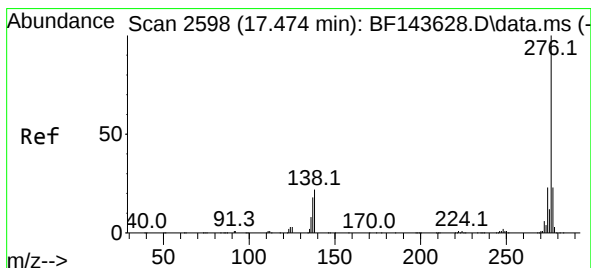
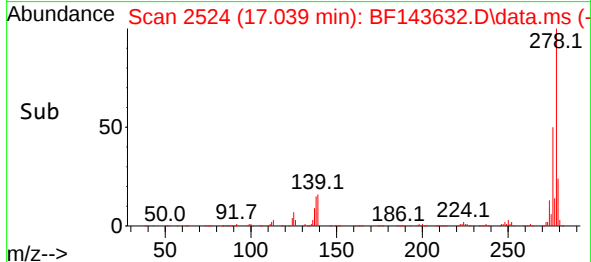
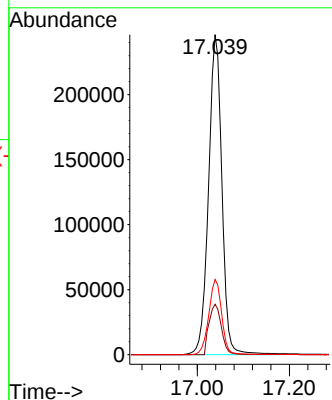
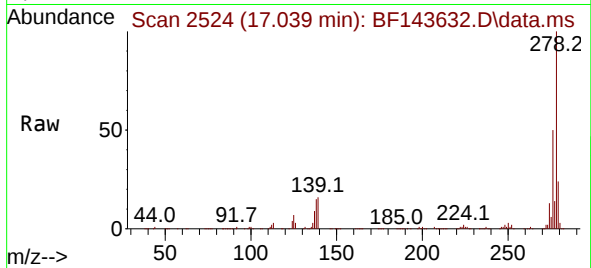




#91
Dibenzo(a,h)anthracene
Concen: 41.286 ng
RT: 17.039 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Instrument :
BNA_F
ClientSampleId :
ICVBF090325

Tgt Ion:278 Resp: 497846
Ion Ratio Lower Upper
278 100
139 15.7 12.4 18.6
279 23.5 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 40.640 ng
RT: 17.474 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BF143632.D
Acq: 03 Sep 2025 18:08

Tgt Ion:276 Resp: 472073
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 21.3 17.2 25.8

