

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102425\
 Data File : BF144065.D
 Acq On : 24 Oct 2025 17:22
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

Quant Time: Oct 24 17:42:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	39660	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	138565	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	76145	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	127305	20.000	ng	0.00
76) Chrysene-d12	14.057	240	97298	20.000	ng	0.00
86) Perylene-d12	15.539	264	122912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	176184	70.283	ng	0.00
7) Phenol-d6	6.504	99	190899	68.955	ng	0.00
23) Nitrobenzene-d5	7.440	82	178800	70.696	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	66490	68.551	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	366420	67.717	ng	0.00
79) Terphenyl-d14	12.998	244	409300	73.542	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	38586	35.621	ng	94
3) Pyridine	3.405	79	94470	32.576	ng	96
4) n-Nitrosodimethylamine	3.346	42	65742	36.893	ng	93
6) Aniline	6.540	93	143853	36.320	ng	98
8) 2-Chlorophenol	6.663	128	82897	33.579	ng	98
9) Benzaldehyde	6.434	77	74914	34.852	ng	98
10) Phenol	6.516	94	119040	34.853	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	83544	33.851	ng	98
12) 1,3-Dichlorobenzene	6.822	146	112585	36.971	ng	99
13) 1,4-Dichlorobenzene	6.898	146	111592	37.183	ng	99
14) 1,2-Dichlorobenzene	7.051	146	104166	35.872	ng	99
15) Benzyl Alcohol	7.016	79	81782	36.330	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	160104	34.517	ng	100
17) 2-Methylphenol	7.128	107	66743	35.152	ng	96
18) Hexachloroethane	7.392	117	37228	34.696	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	62662	35.002	ng	99
20) 3+4-Methylphenols	7.281	107	81018	36.095	ng	92
22) Acetophenone	7.287	105	115151	38.453	ng	97
24) Nitrobenzene	7.457	77	98332	36.753	ng	97
25) Isophorone	7.698	82	160608	36.322	ng	100
26) 2-Nitrophenol	7.775	139	46278	36.360	ng	95
27) 2,4-Dimethylphenol	7.810	122	74530	39.405	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	97014	35.182	ng	97
29) 2,4-Dichlorophenol	8.016	162	78967	35.901	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	87660	38.739	ng	99
31) Naphthalene	8.181	128	234353	35.834	ng	99
32) Benzoic acid	7.922	122	52854	44.054	ng	88
33) 4-Chloroaniline	8.234	127	94319	41.428	ng	99
34) Hexachlorobutadiene	8.298	225	70793	38.260	ng	97
35) Caprolactam	8.587	113	19488	35.331	ng	# 84
36) 4-Chloro-3-methylphenol	8.710	107	70096	36.112	ng	94
37) 2-Methylnaphthalene	8.875	142	143296	33.233	ng	94
38) 1-Methylnaphthalene	8.975	142	146838	35.945	ng	97
40) 1,2,4,5-Tetrachloroben...	9.039	216	91910	35.121	ng	99
41) Hexachlorocyclopentadiene	9.028	237	39270	48.585	ng	94
43) 2,4,6-Trichlorophenol	9.151	196	57810	33.986	ng	98

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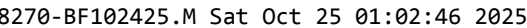
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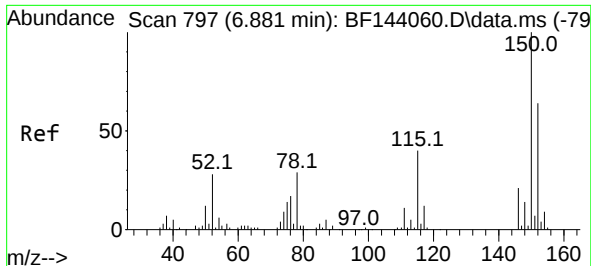
Quant Time: Oct 24 17:42:15 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	64300	36.018	ng	94
46) 1,1'-Biphenyl	9.339	154	192660	35.345	ng	99
47) 2-Chloronaphthalene	9.363	162	159410	34.908	ng	99
48) 2-Nitroaniline	9.457	65	49659	36.621	ng	95
49) Acenaphthylene	9.781	152	243055	39.474	ng	99
50) Dimethylphthalate	9.634	163	170189	34.098	ng	99
51) 2,6-Dinitrotoluene	9.698	165	34990	35.461	ng	96
52) Acenaphthene	9.951	154	144520	35.145	ng	99
53) 3-Nitroaniline	9.869	138	39278	35.804	ng	98
54) 2,4-Dinitrophenol	9.981	184	21935	41.102	ng	94
55) Dibenzofuran	10.122	168	194900	34.140	ng	98
56) 4-Nitrophenol	10.028	139	28418	38.254	ng	95
57) 2,4-Dinitrotoluene	10.104	165	49275	37.002	ng	96
58) Fluorene	10.469	166	151653	34.864	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49354	39.232	ng	# 96
60) Diethylphthalate	10.333	149	166357	35.442	ng	99
61) 4-Chlorophenyl-phenylether	10.457	204	86789	35.479	ng	99
62) 4-Nitroaniline	10.481	138	35087	33.756	ng	90
63) Azobenzene	10.616	77	161807	36.422	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	30929	37.867	ng	97
66) n-Nitrosodiphenylamine	10.575	169	146733	36.075	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	56286	35.313	ng	96
68) Hexachlorobenzene	11.016	284	70184	35.903	ng	98
69) Atrazine	11.104	200	48908	36.643	ng	99
70) Pentachlorophenol	11.216	266	30927	33.237	ng	95
71) Phenanthrene	11.433	178	228423	36.120	ng	98
72) Anthracene	11.486	178	233757	35.782	ng	99
73) Carbazole	11.639	167	196006	35.250	ng	98
74) Di-n-butylphthalate	11.969	149	245199	35.967	ng	100
75) Fluoranthene	12.622	202	244043	34.929	ng	99
77) Benzidine	12.745	184	146518	48.386	ng	99
78) Pyrene	12.857	202	246902	35.297	ng	100
80) Butylbenzylphthalate	13.469	149	94583	35.741	ng	98
81) Benzo(a)anthracene	14.045	228	234218	35.620	ng	98
82) 3,3'-Dichlorobenzidine	14.010	252	97608	42.643	ng	99
83) Chrysene	14.080	228	224422	36.371	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	130456	36.110	ng	98
85) Di-n-octyl phthalate	14.645	149	218335	35.142	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.039	276	302575	35.856	ng	100
88) Benzo(b)fluoranthene	15.104	252	234274	33.715	ng	99
89) Benzo(k)fluoranthene	15.133	252	240517	37.516	ng	99
90) Benzo(a)pyrene	15.474	252	229237	36.773	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	240551	36.012	ng	98
92) Benzo(g,h,i)perylene	17.492	276	248094	36.942	ng	98

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

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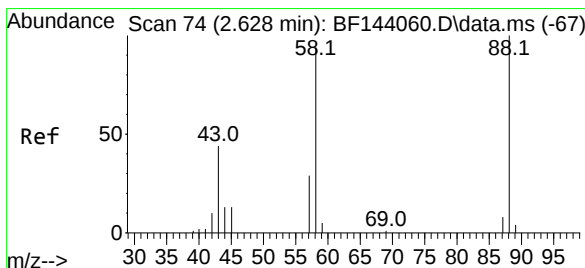
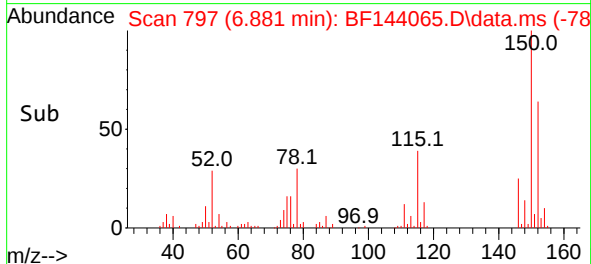
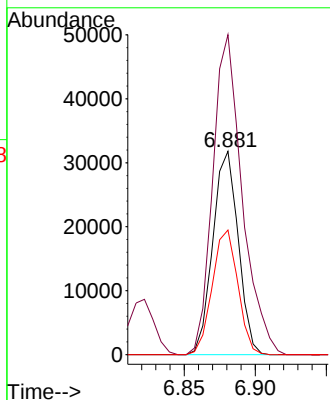
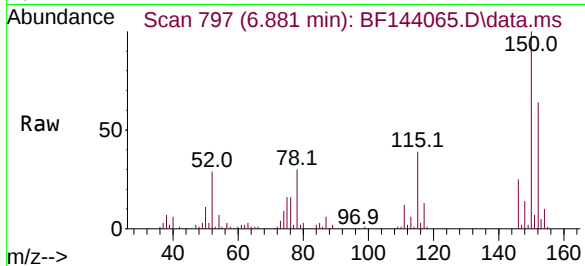




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

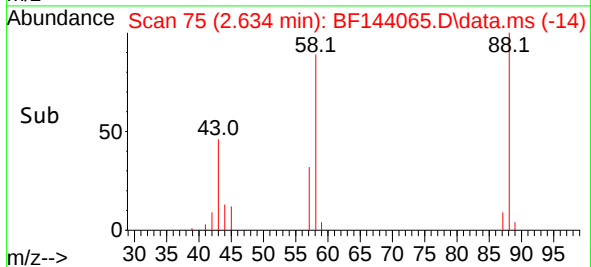
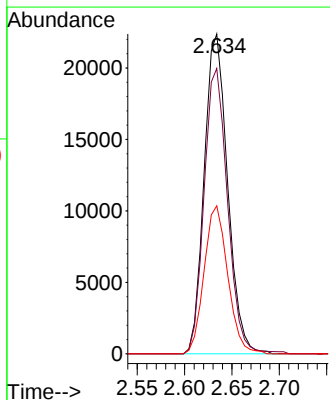
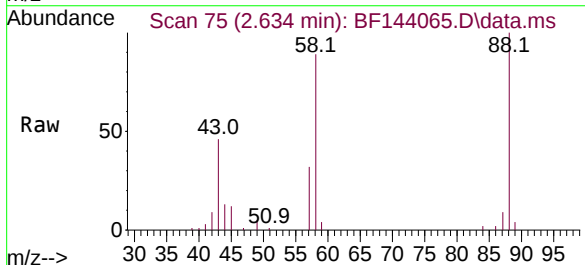
Instrument :
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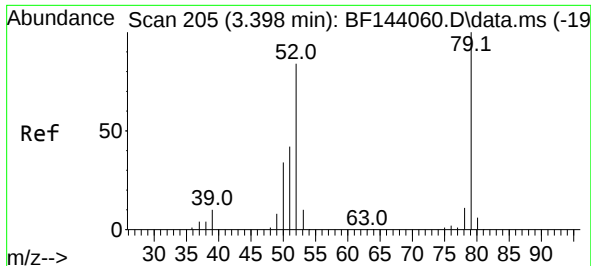
Tgt Ion:152 Resp: 39660
Ion Ratio Lower Upper
152 100
150 157.4 124.4 186.6
115 61.2 49.4 74.0



#2
1,4-Dioxane
Concen: 35.621 ng
RT: 2.634 min Scan# 75
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 88 Resp: 38586
Ion Ratio Lower Upper
88 100
58 89.3 76.5 114.7
43 46.7 35.3 52.9





#3

Pyridine

Concen: 32.576 ng

RT: 3.405 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

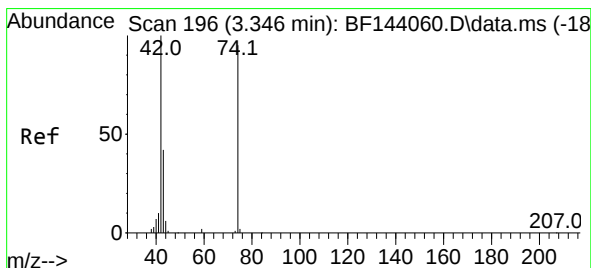
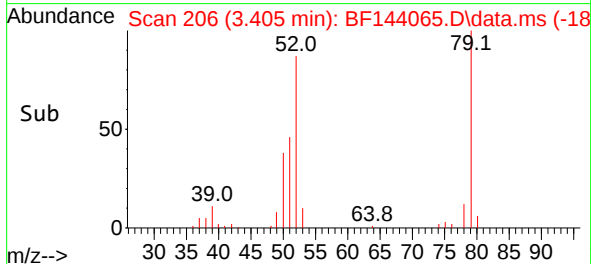
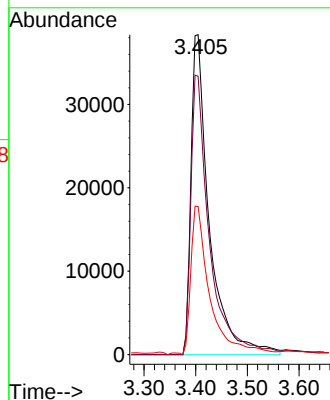
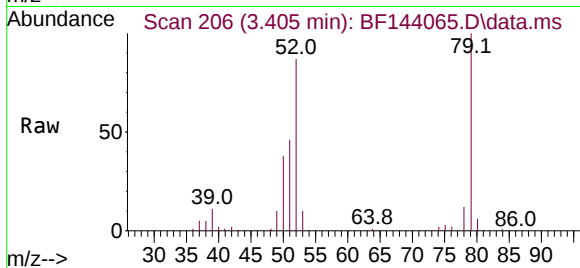
Tgt Ion: 79 Resp: 94470

Ion Ratio Lower Upper

79 100

52 87.0 67.5 101.3

51 46.3 33.6 50.4



#4

n-Nitrosodimethylamine

Concen: 36.893 ng

RT: 3.346 min Scan# 196

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

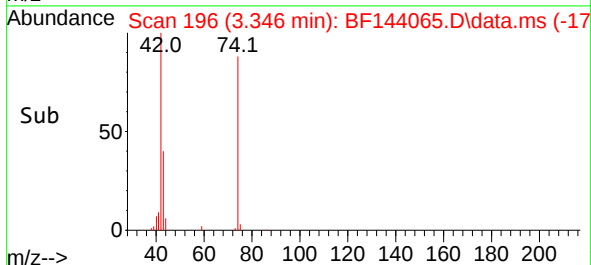
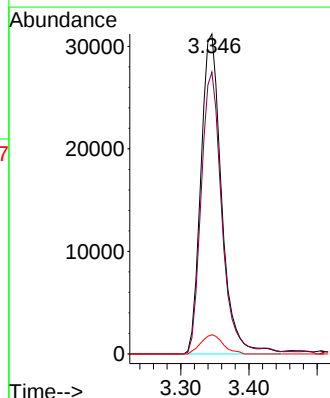
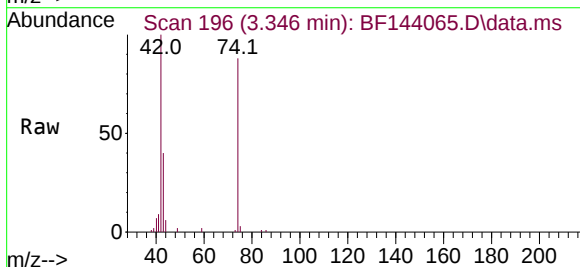
Tgt Ion: 42 Resp: 65742

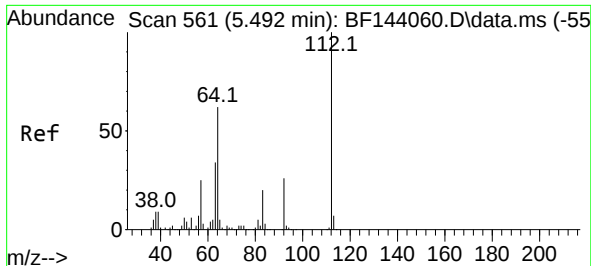
Ion Ratio Lower Upper

42 100

74 88.1 76.4 114.6

44 6.0 5.2 7.8

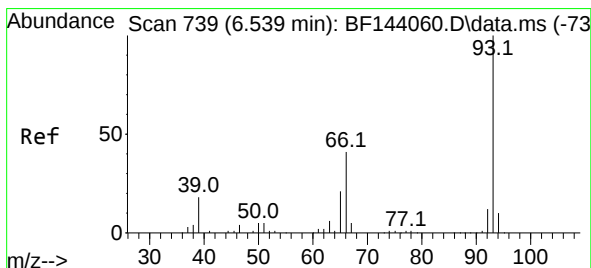
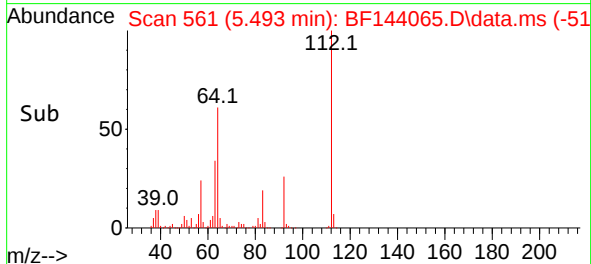
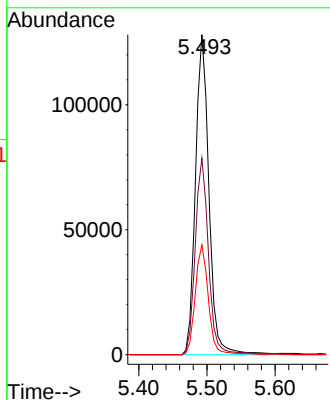
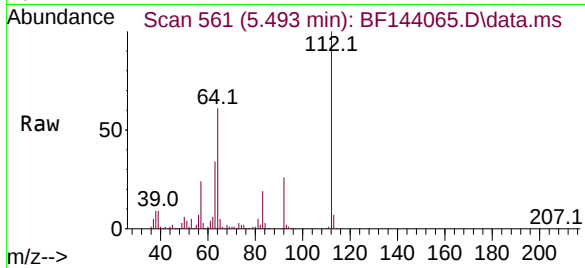




#5
2-Fluorophenol
Concen: 70.283 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

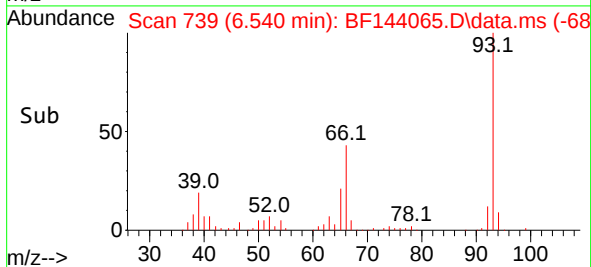
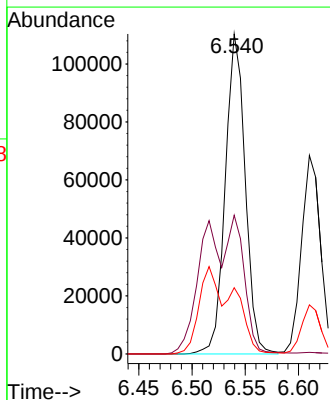
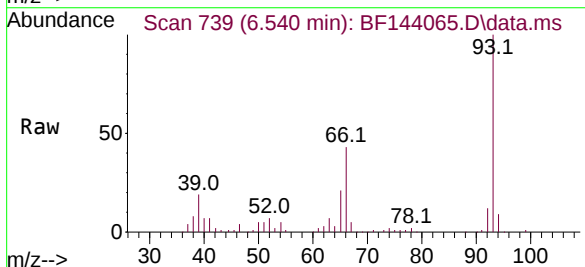
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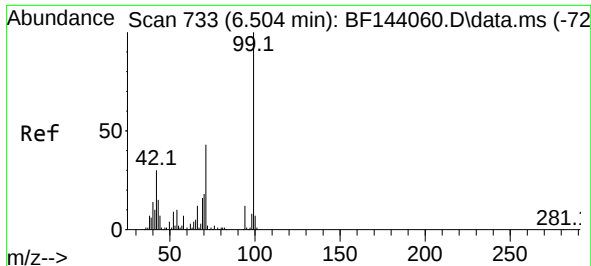
Tgt Ion:112 Resp: 176184
Ion Ratio Lower Upper
112 100
64 61.4 49.8 74.8
63 34.3 27.4 41.2



#6
Aniline
Concen: 36.320 ng
RT: 6.540 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 93 Resp: 143853
Ion Ratio Lower Upper
93 100
66 43.3 35.7 53.5
65 20.7 17.0 25.6





#7

Phenol-d6

Concen: 68.955 ng

RT: 6.504 min Scan# 733

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

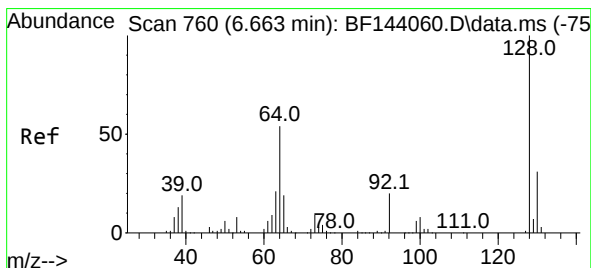
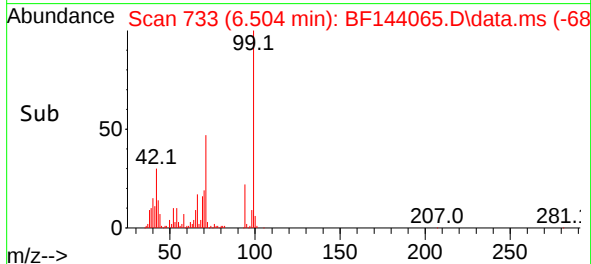
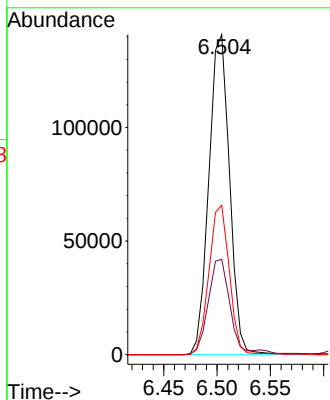
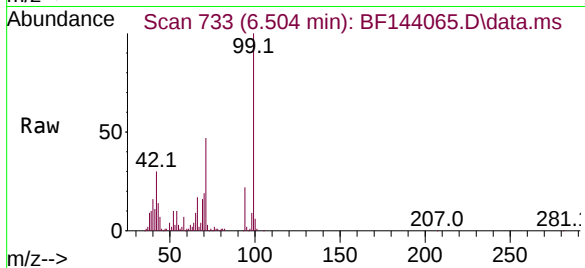
Tgt Ion: 99 Resp: 190899

Ion Ratio Lower Upper

99 100

42 29.8 23.9 35.9

71 46.7 34.4 51.6



#8

2-Chlorophenol

Concen: 33.579 ng

RT: 6.663 min Scan# 760

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

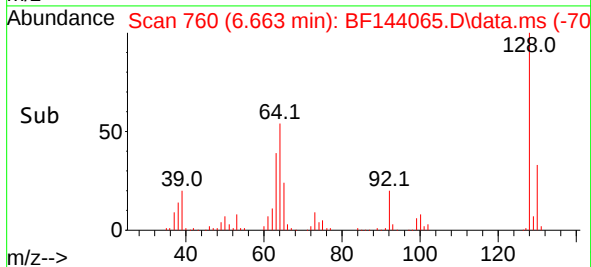
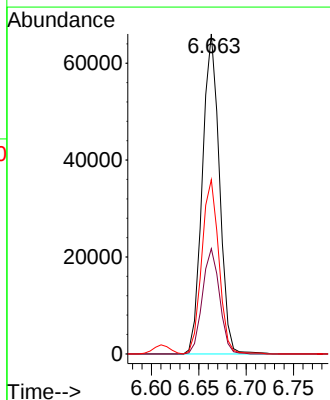
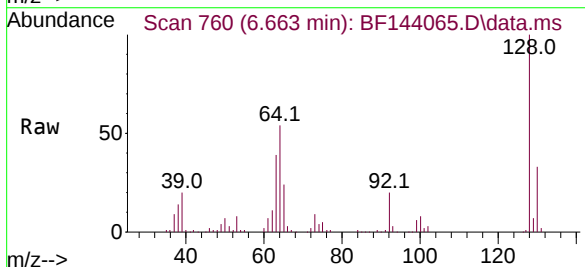
Tgt Ion: 128 Resp: 82897

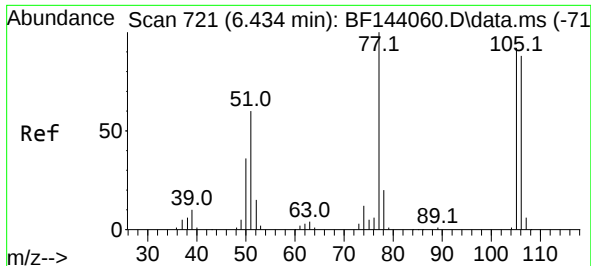
Ion Ratio Lower Upper

128 100

130 32.9 10.7 50.7

64 54.4 34.7 74.7





#9

Benzaldehyde

Concen: 34.852 ng

RT: 6.434 min Scan# 721

Delta R.T. 0.000 min

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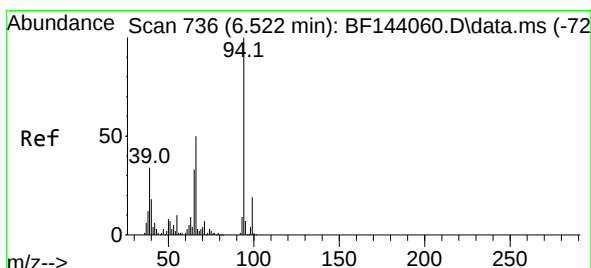
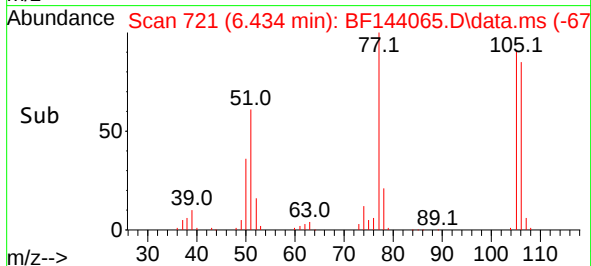
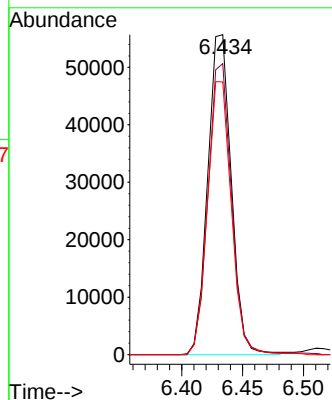
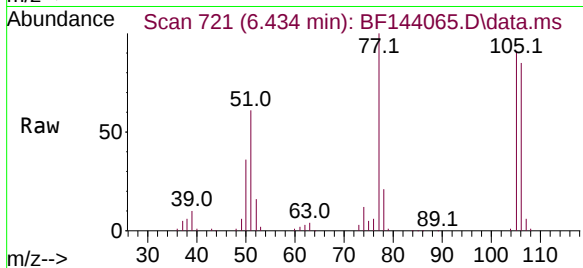
Tgt Ion: 77 Resp: 74914

Ion Ratio Lower Upper

77 100

105 90.9 72.2 112.2

106 85.3 67.9 107.9



#10

Phenol

Concen: 34.853 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

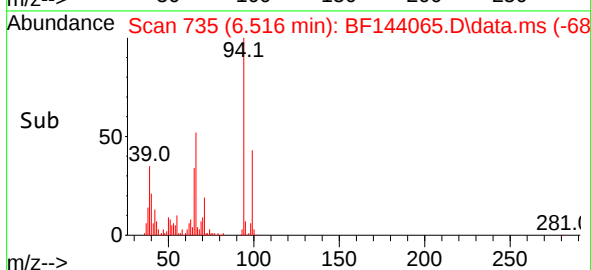
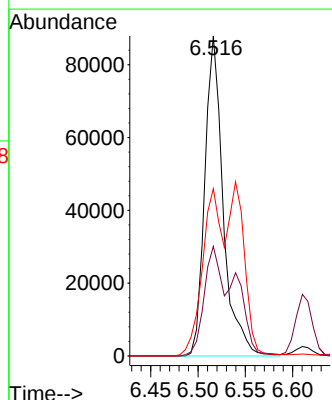
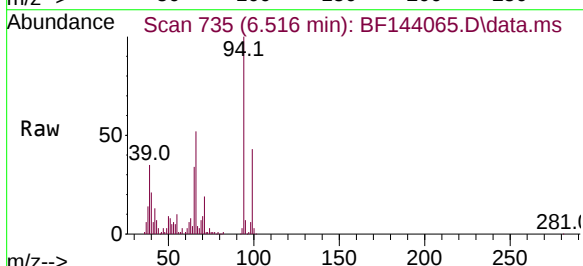
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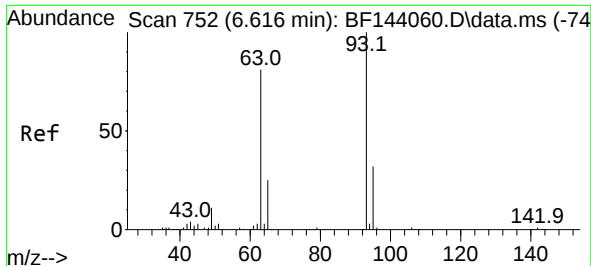
Ion Ratio Lower Upper

94 100

65 34.2 13.1 53.1

66 52.2 30.6 70.6

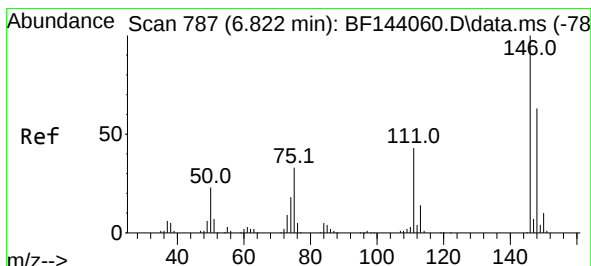
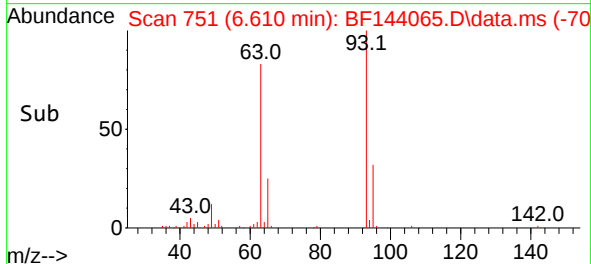
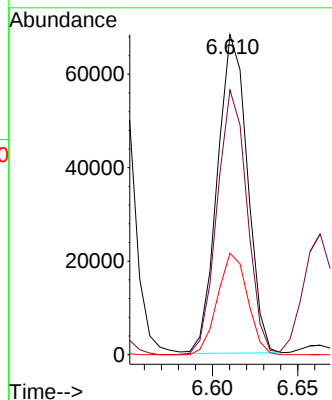
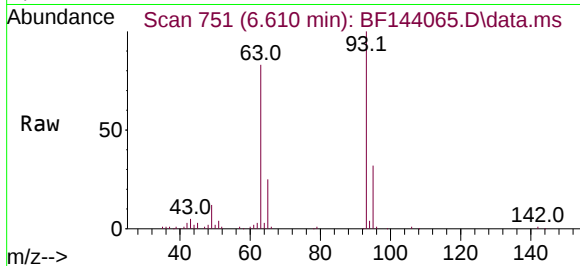




#11
bis(2-Chloroethyl)ether
Concen: 33.851 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

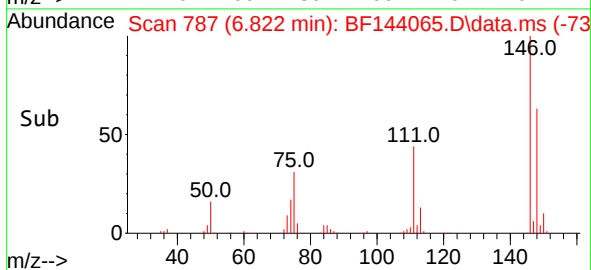
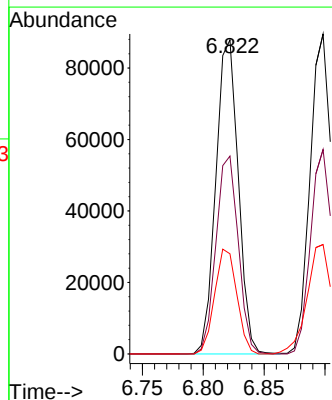
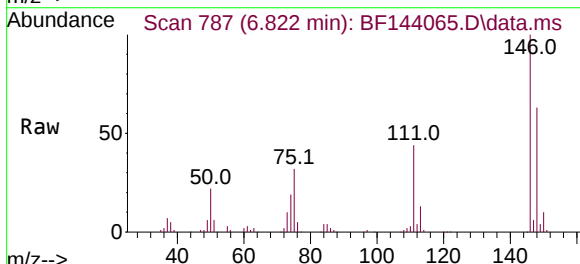
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

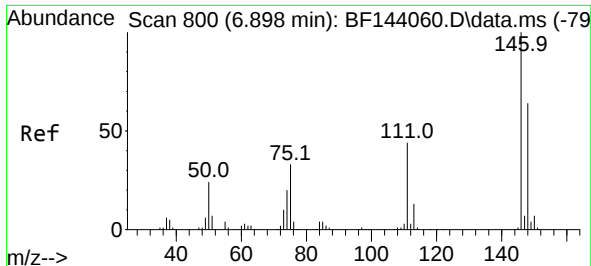
Tgt Ion: 93 Resp: 83544
Ion Ratio Lower Upper
93 100
63 82.7 60.2 100.2
95 31.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 36.971 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:146 Resp: 112585
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
75 31.9 26.6 40.0

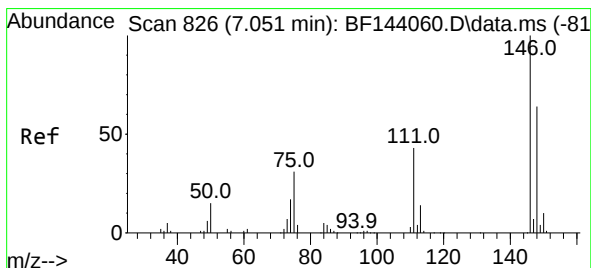
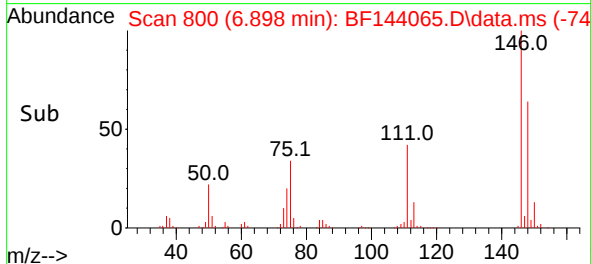
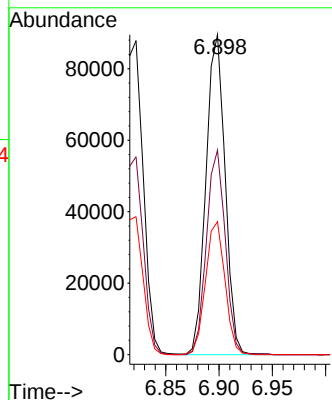
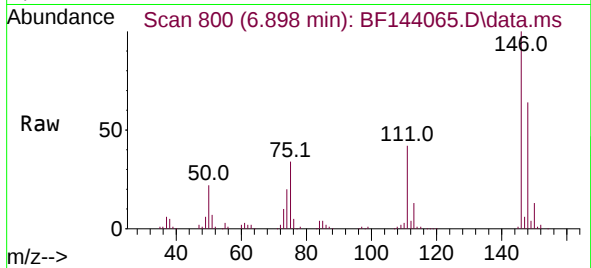




#13
1,4-Dichlorobenzene
Concen: 37.183 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

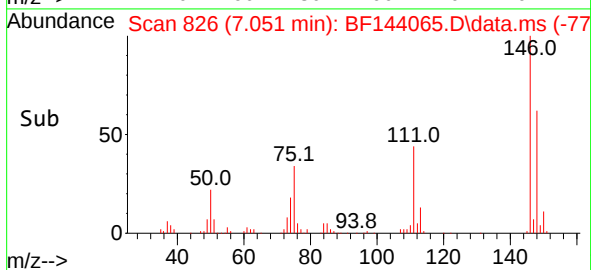
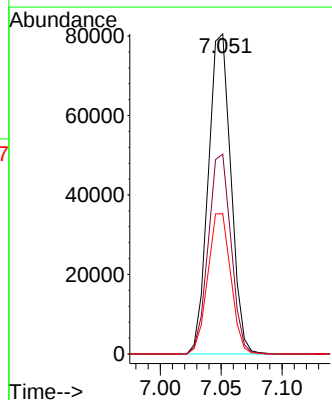
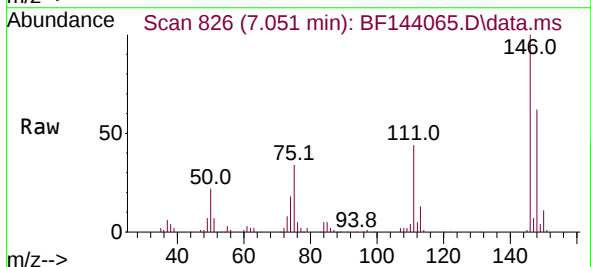
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

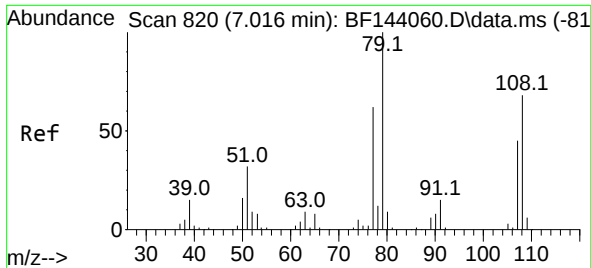
Tgt Ion:146 Resp: 111592
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 41.5 35.0 52.6



#14
1,2-Dichlorobenzene
Concen: 35.872 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:146 Resp: 104166
Ion Ratio Lower Upper
146 100
148 62.4 50.8 76.2
111 43.8 34.7 52.1



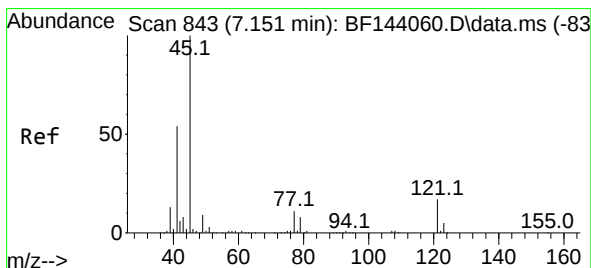
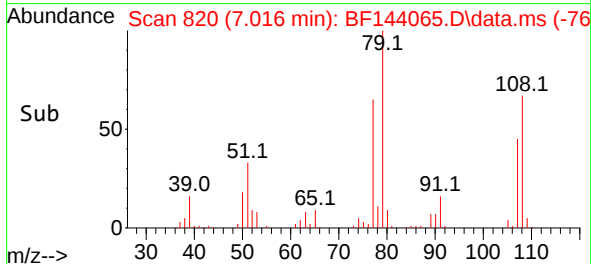
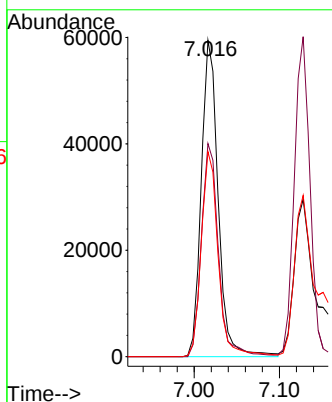
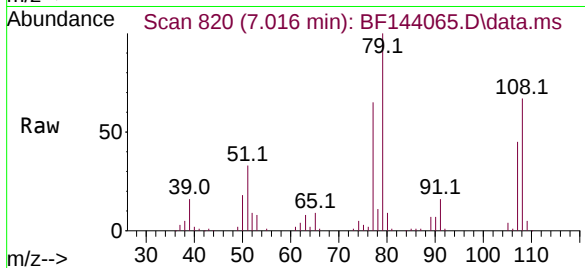


#15
Benzyl Alcohol
Concen: 36.330 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion: 79 Resp: 81782

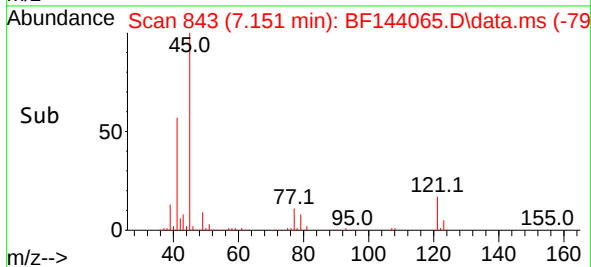
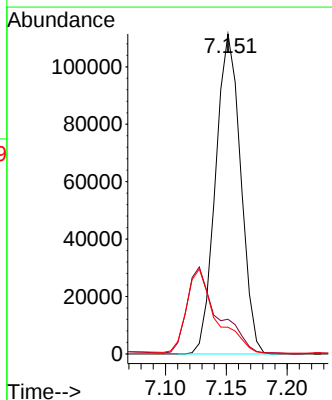
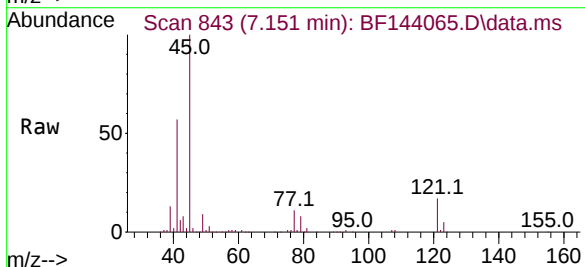
Ion	Ratio	Lower	Upper
79	100		
108	67.4	54.8	82.2
77	64.8	49.4	74.0

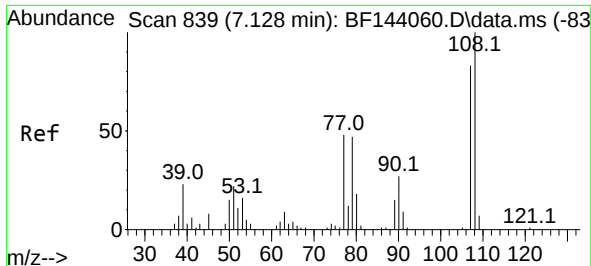


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.517 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 45 Resp: 160104

Ion	Ratio	Lower	Upper
45	100		
77	10.8	0.0	30.9
79	8.3	0.0	28.2

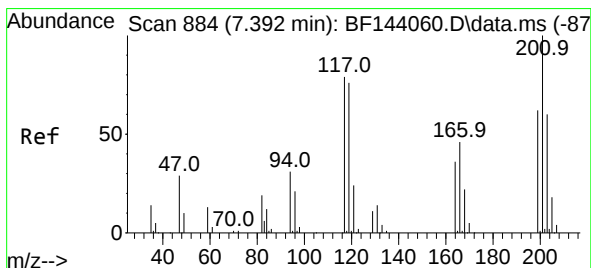
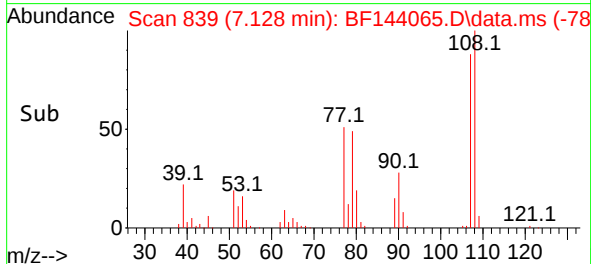
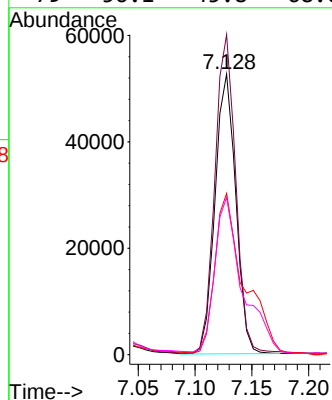
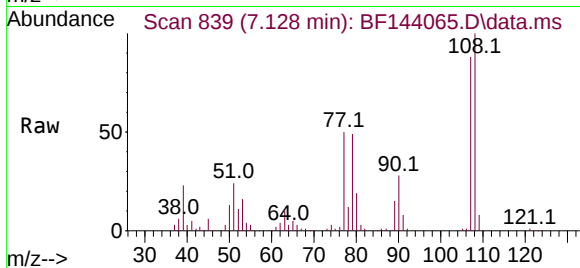




#17
2-Methylphenol
Concen: 35.152 ng
RT: 7.128 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

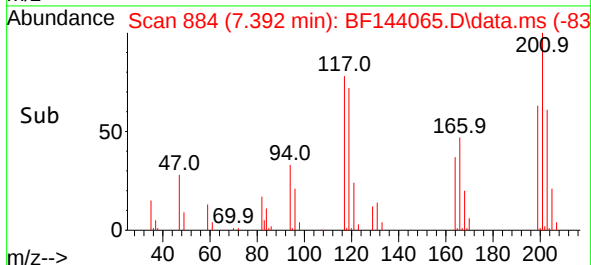
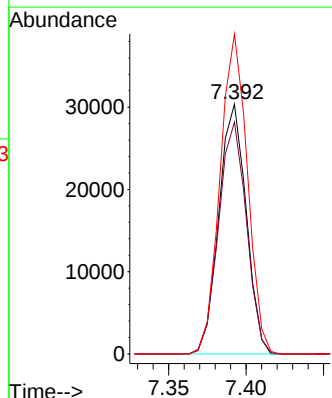
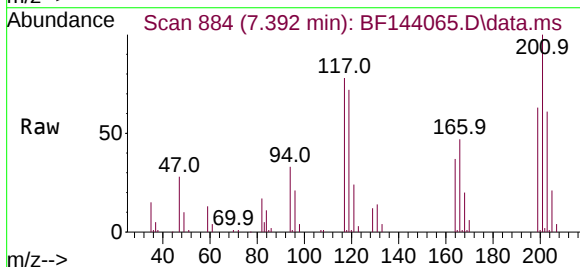
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

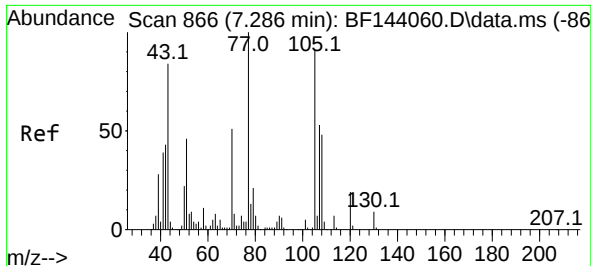
Tgt Ion:	107	Resp:	66743
Ion Ratio	Lower	Upper	
107	100		
108	114.1	96.4	144.6
77	57.5	46.8	70.2
79	56.1	45.8	68.6



#18
Hexachloroethane
Concen: 34.696 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	117	Resp:	37228
Ion Ratio	Lower	Upper	
117	100		
119	92.8	76.6	115.0
201	128.1	100.9	151.3



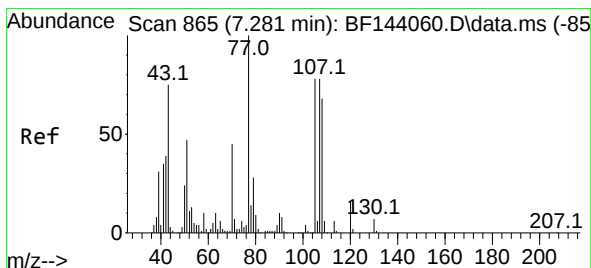
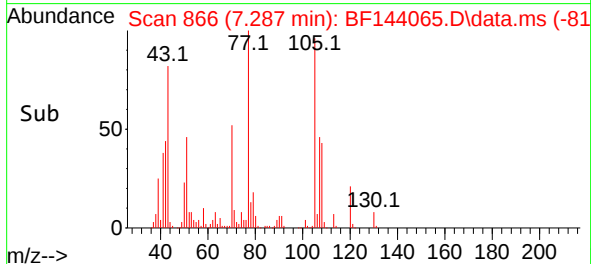
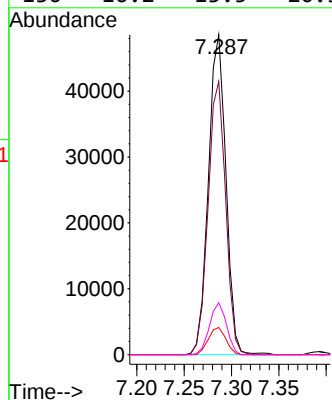
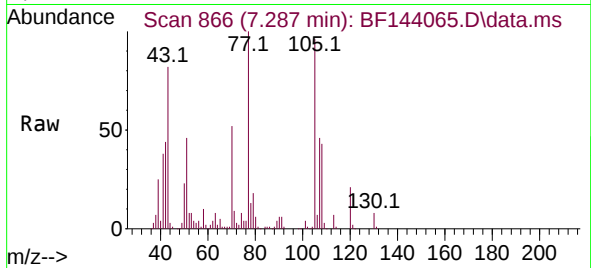


#19
n-Nitroso-di-n-propylamine
Concen: 35.002 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion: 70 Resp: 62662

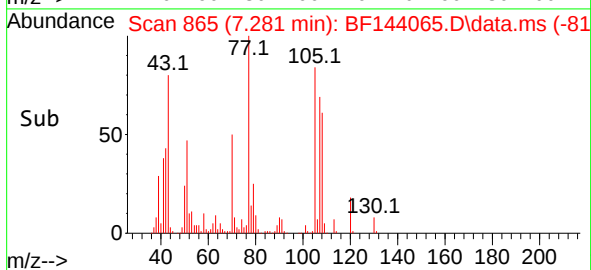
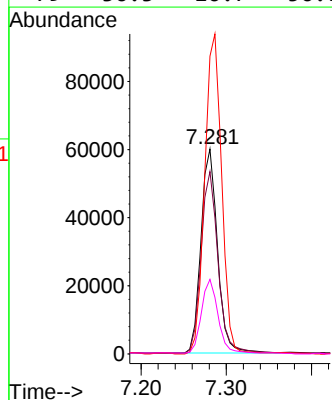
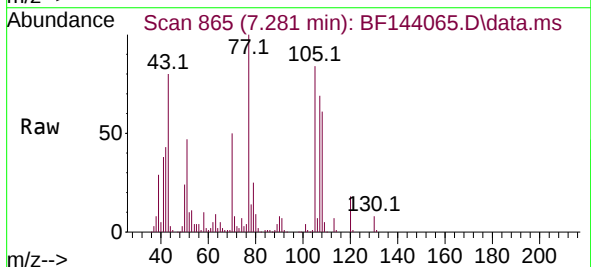
Ion	Ratio	Lower	Upper
70	100		
42	85.3	67.4	101.0
101	8.5	7.1	10.7
130	16.2	13.5	20.3

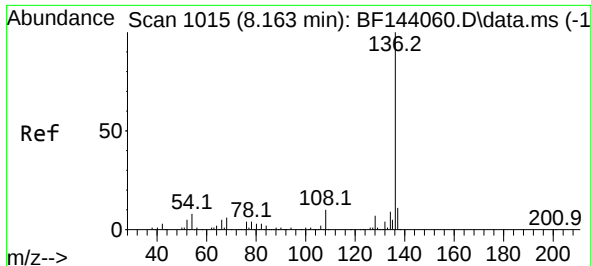


#20
3+4-Methylphenols
Concen: 36.095 ng
RT: 7.281 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 107 Resp: 81018

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.0	108.0
77	145.2	108.7	148.7
79	36.3	16.7	56.7

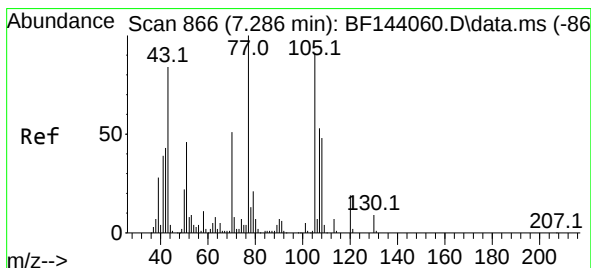
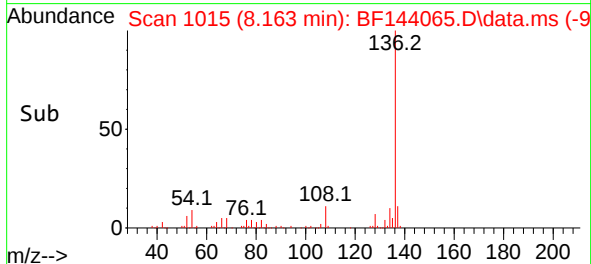
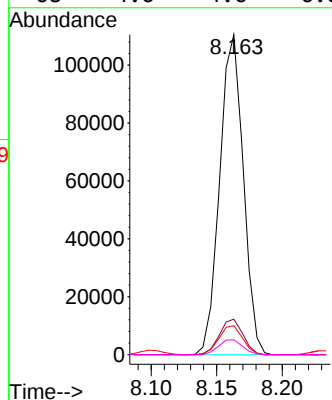
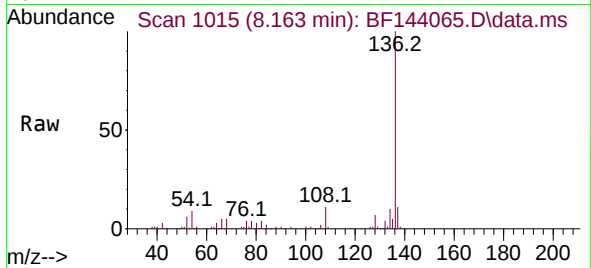




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

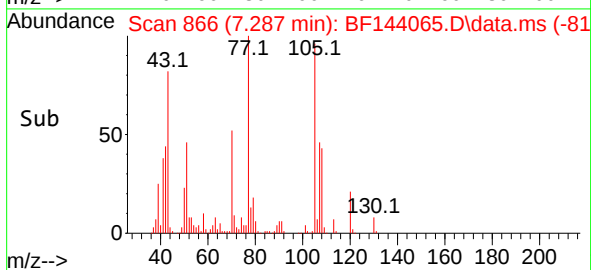
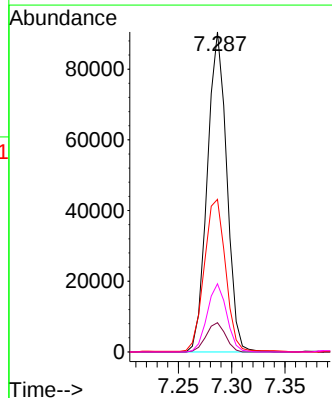
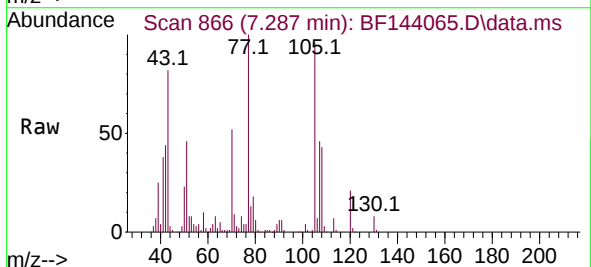
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

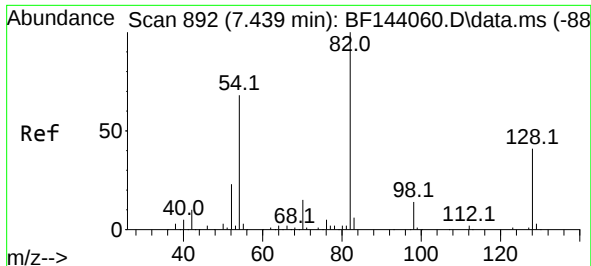
Tgt Ion:	136	Resp:	138565
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	9.0	6.6	9.8
68	4.6	4.6	6.8



#22
Acetophenone
Concen: 38.453 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:	105	Resp:	115151
Ion Ratio	Lower	Upper	
105	100		
71	9.1	6.9	10.3
51	47.7	40.6	60.8
120	21.3	16.8	25.2

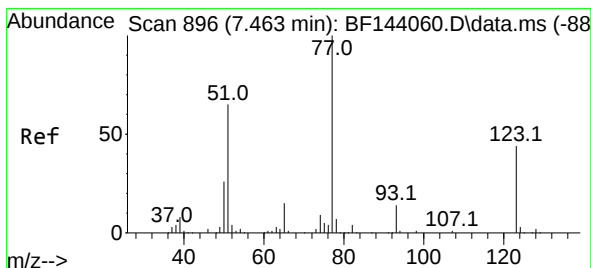
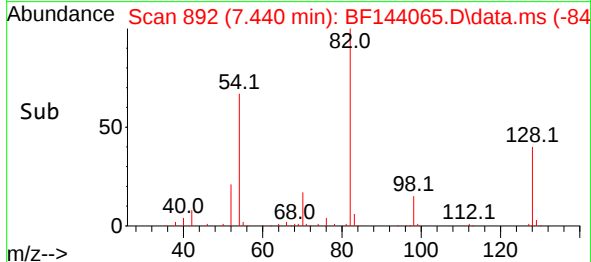
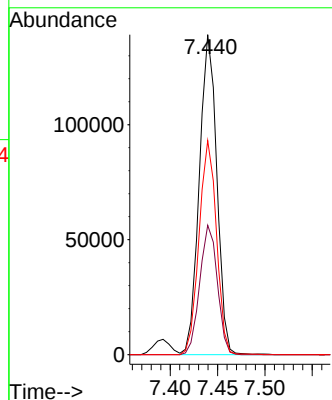
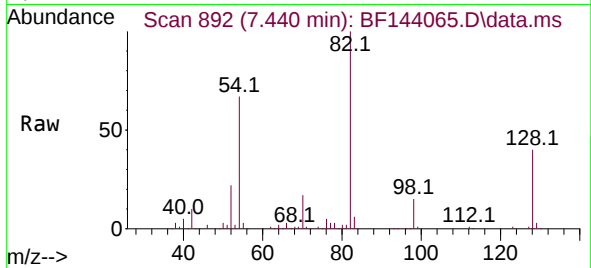




#23
Nitrobenzene-d5
Concen: 70.696 ng
RT: 7.440 min Scan# 891
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

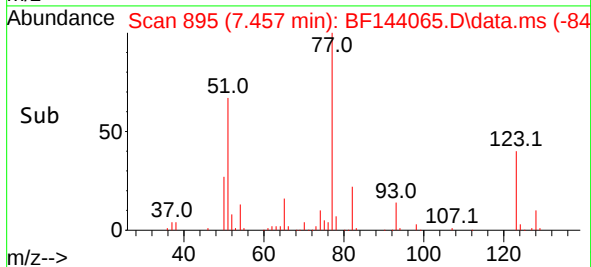
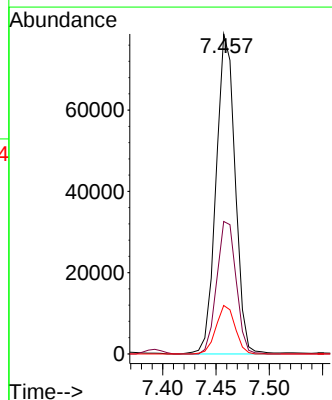
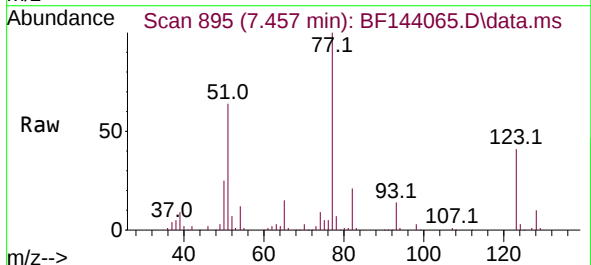
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

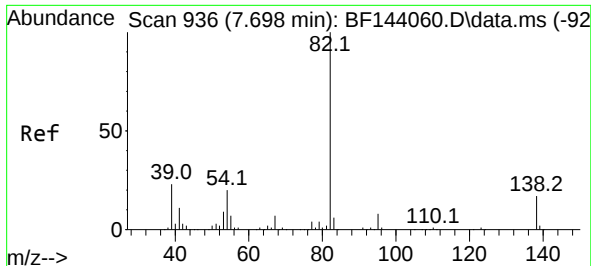
Tgt Ion: 82 Resp: 178800
Ion Ratio Lower Upper
82 100
128 40.4 32.4 48.6
54 66.9 54.0 81.0



#24
Nitrobenzene
Concen: 36.753 ng
RT: 7.457 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 77 Resp: 98332
Ion Ratio Lower Upper
77 100
123 41.4 35.0 52.6
65 15.1 12.2 18.2

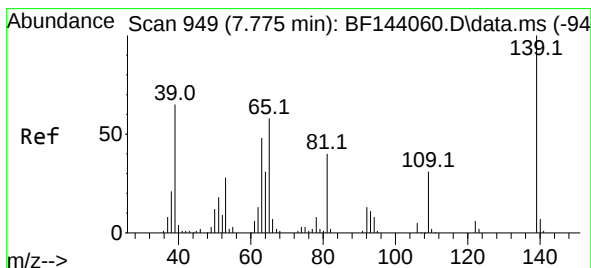
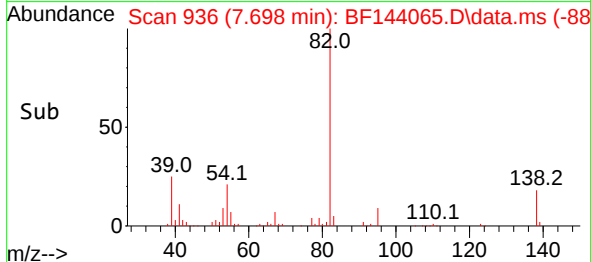
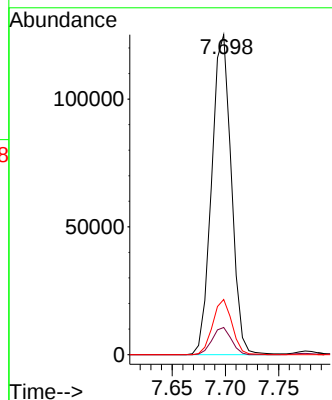
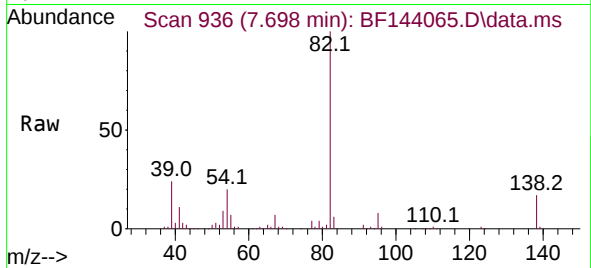




#25
Isophorone
Concen: 36.322 ng
RT: 7.698 min Scan# 936
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

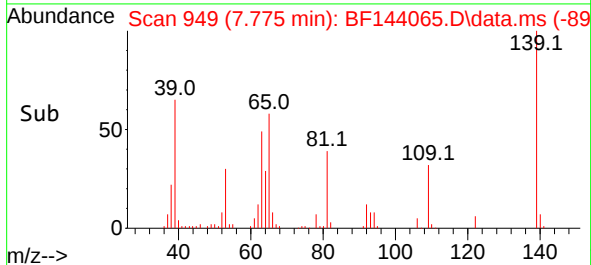
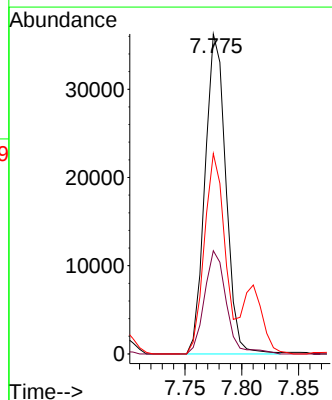
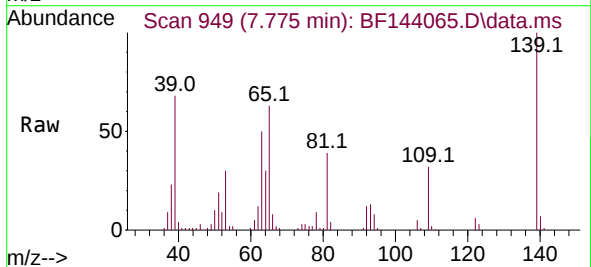
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

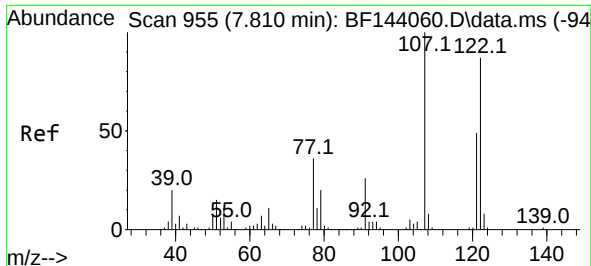
Tgt Ion: 82 Resp: 160608
Ion Ratio Lower Upper
82 100
95 8.5 6.6 9.8
138 17.2 13.8 20.8



#26
2-Nitrophenol
Concen: 36.360 ng
RT: 7.775 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:139 Resp: 46278
Ion Ratio Lower Upper
139 100
109 32.2 24.6 37.0
65 62.6 46.6 69.8





#27

2,4-Dimethylphenol

Concen: 39.405 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

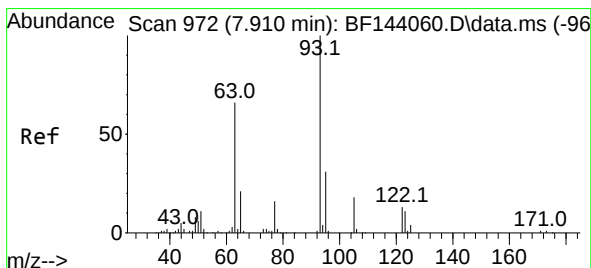
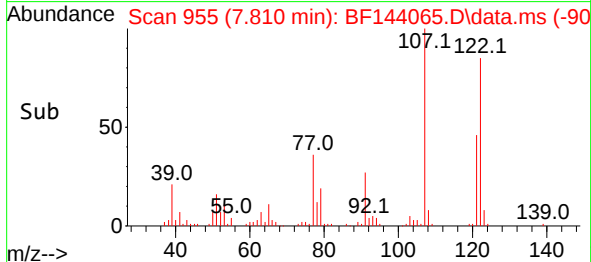
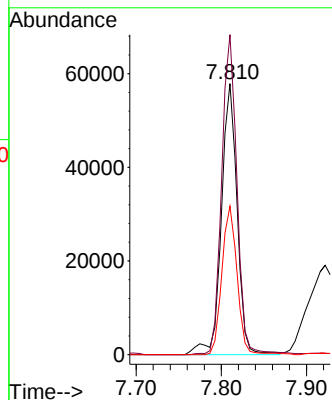
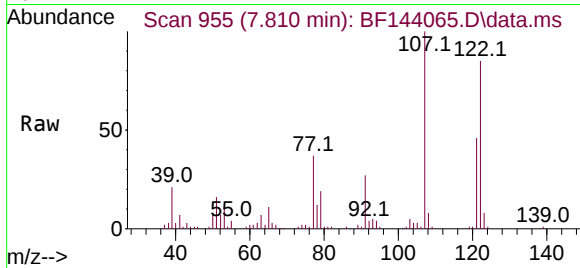
Tgt Ion:122 Resp: 74530

Ion Ratio Lower Upper

122 100

107 118.1 91.8 137.8

121 54.8 45.2 67.8



#28

bis(2-Chloroethoxy)methane

Concen: 35.182 ng

RT: 7.904 min Scan# 971

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

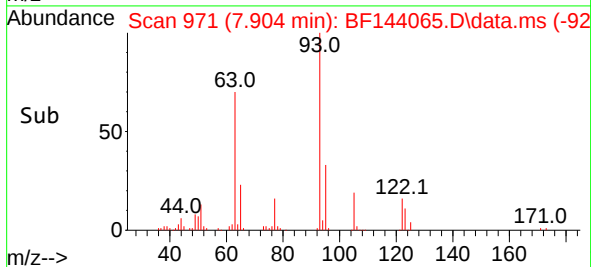
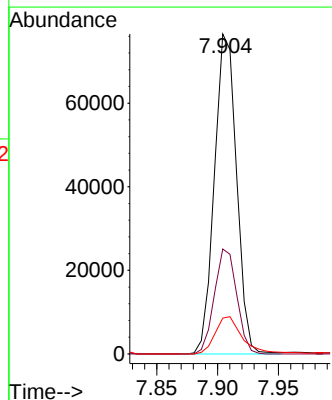
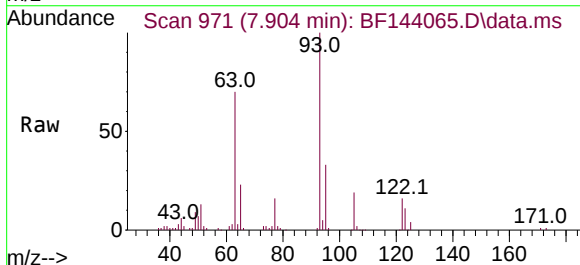
Tgt Ion: 93 Resp: 97014

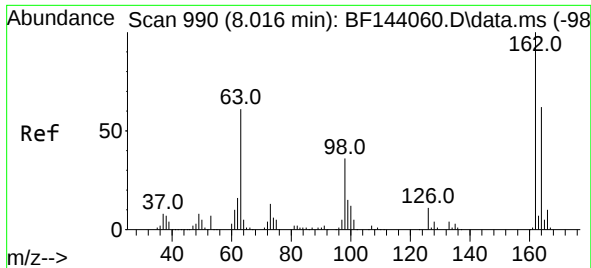
Ion Ratio Lower Upper

93 100

95 32.8 24.6 36.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 35.901 ng

RT: 8.016 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

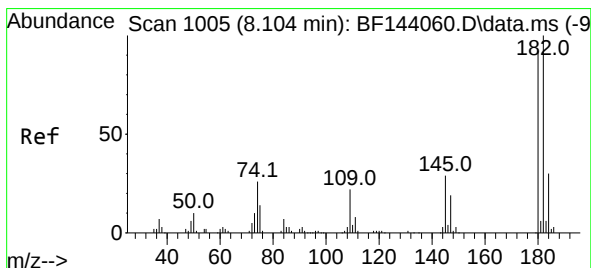
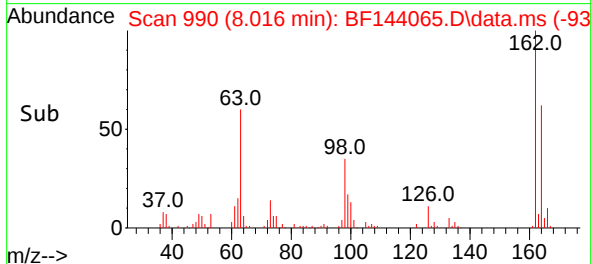
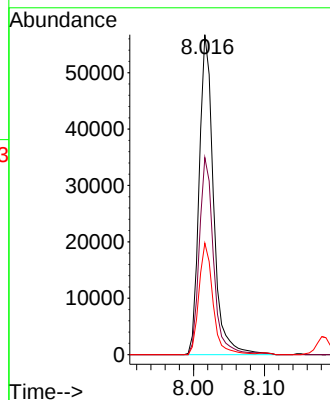
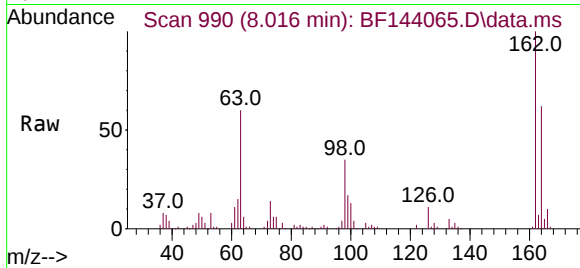
Tgt Ion:162 Resp: 78967

Ion Ratio Lower Upper

162 100

164 61.6 42.1 82.1

98 34.8 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 38.739 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

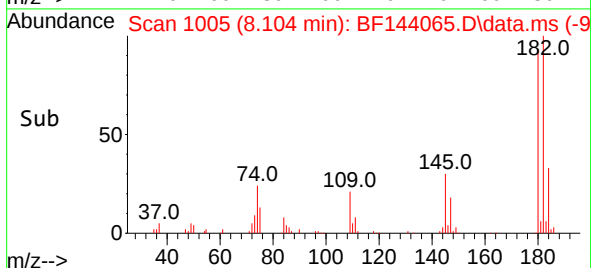
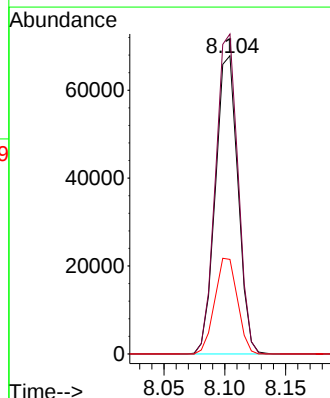
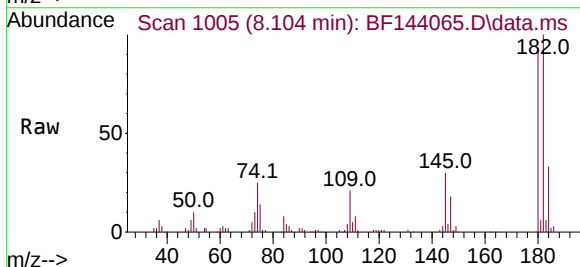
Tgt Ion:180 Resp: 87660

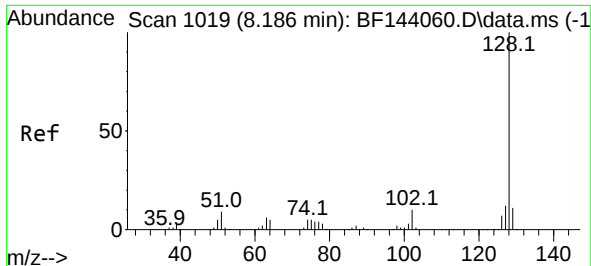
Ion Ratio Lower Upper

180 100

182 107.3 87.1 130.7

145 31.7 25.3 37.9

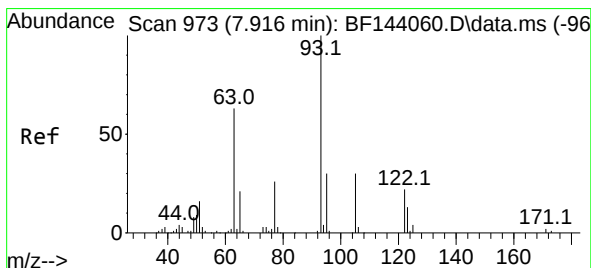
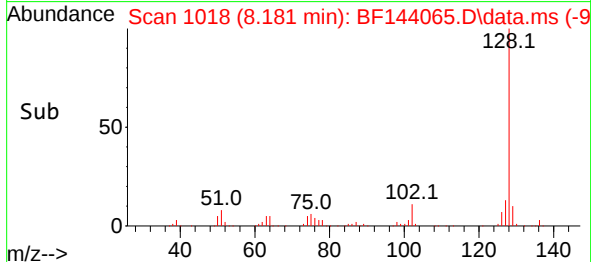
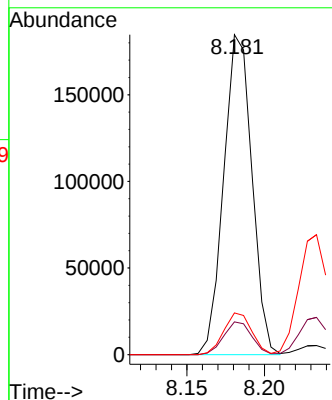
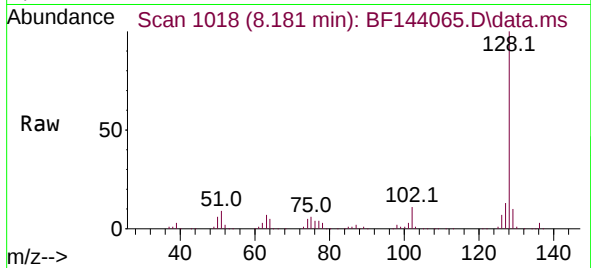




#31
Naphthalene
Concen: 35.834 ng
RT: 8.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

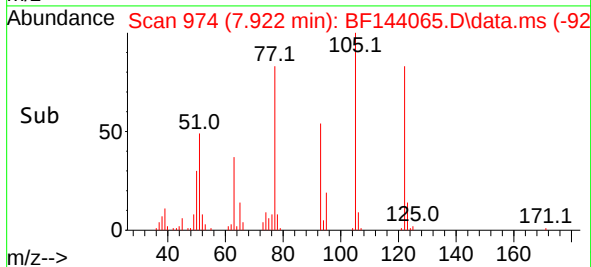
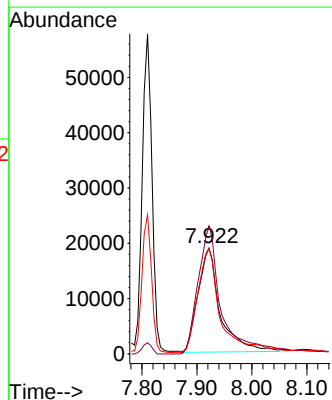
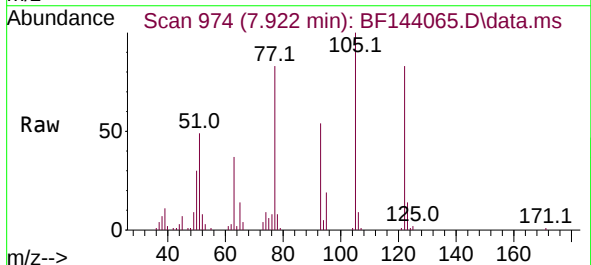
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

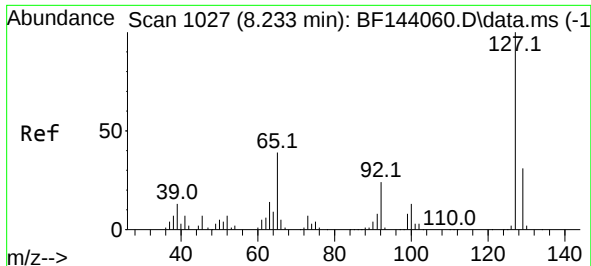
Tgt Ion:128 Resp: 234353
Ion Ratio Lower Upper
128 100
129 10.2 8.4 12.6
127 13.0 9.9 14.9



#32
Benzoic acid
Concen: 44.054 ng
RT: 7.922 min Scan# 974
Delta R.T. 0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:122 Resp: 52854
Ion Ratio Lower Upper
122 100
105 121.1 111.3 151.3
77 100.0 96.7 136.7

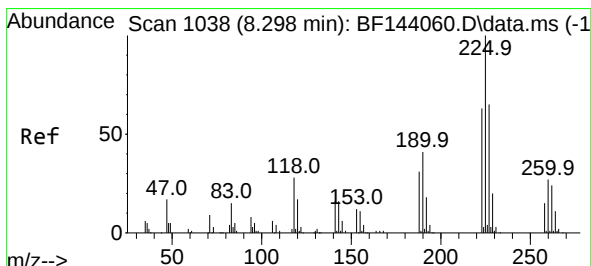
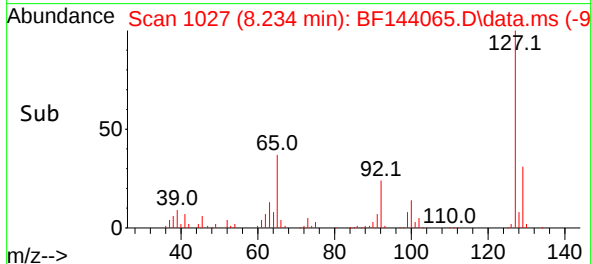
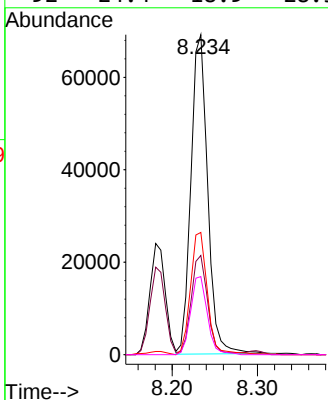
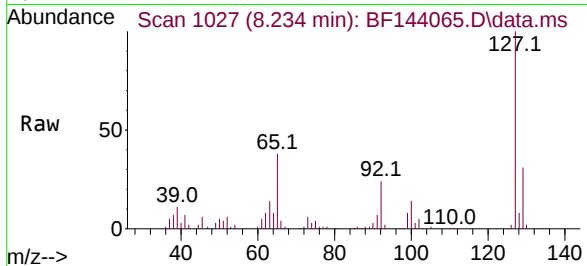




#33
4-Chloroaniline
Concen: 41.428 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

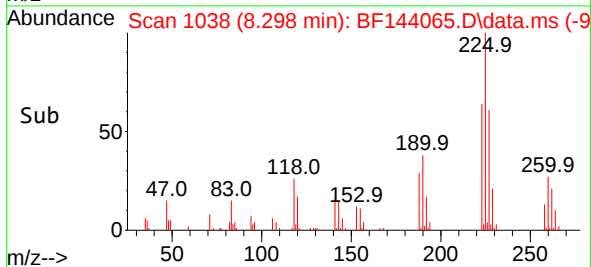
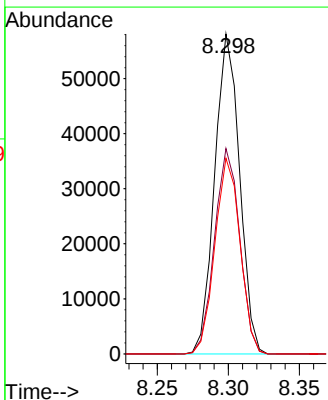
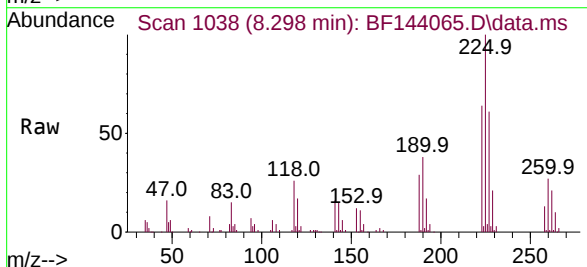
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

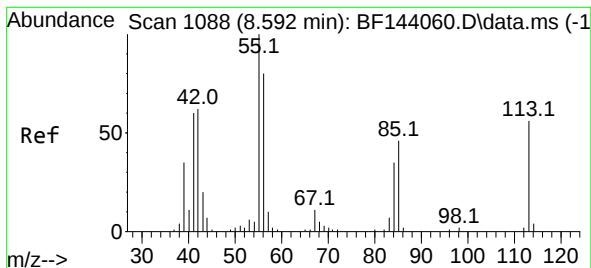
Tgt Ion:127	Resp:	94319
Ion	Ratio	Lower Upper
127	100	
129	31.0	25.6 38.4
65	38.2	30.9 46.3
92	24.4	18.9 28.3



#34
Hexachlorobutadiene
Concen: 38.260 ng
RT: 8.298 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:225	Resp:	70793
Ion	Ratio	Lower Upper
225	100	
223	64.2	50.6 76.0
227	61.1	51.8 77.8





#35

Caprolactam

Concen: 35.331 ng

RT: 8.587 min Scan# 1087

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

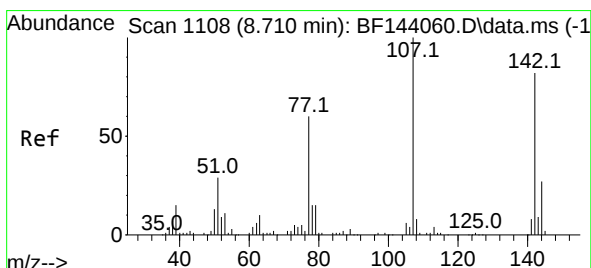
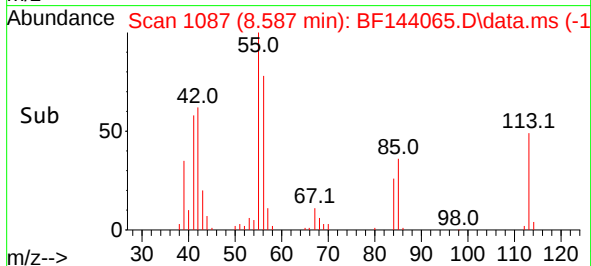
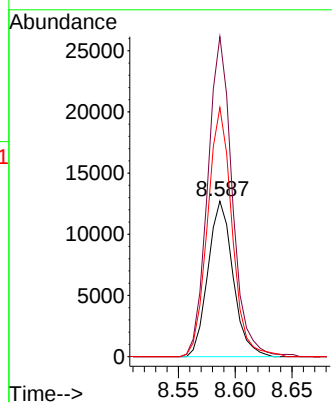
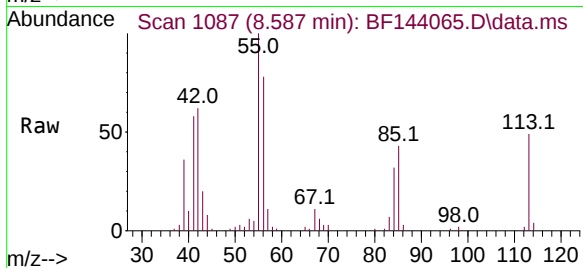
Tgt Ion:113 Resp: 19488

Ion Ratio Lower Upper

113 100

55 205.9 160.1 200.1#

56 160.2 124.9 164.9



#36

4-Chloro-3-methylphenol

Concen: 36.112 ng

RT: 8.710 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

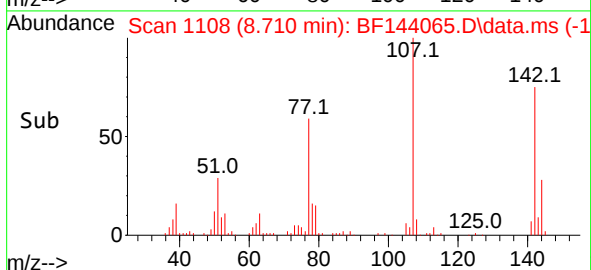
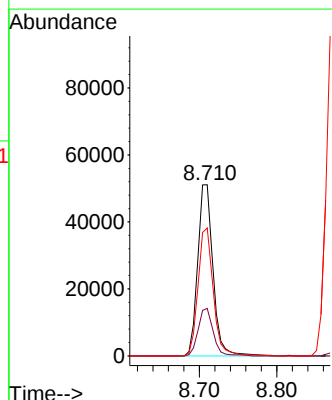
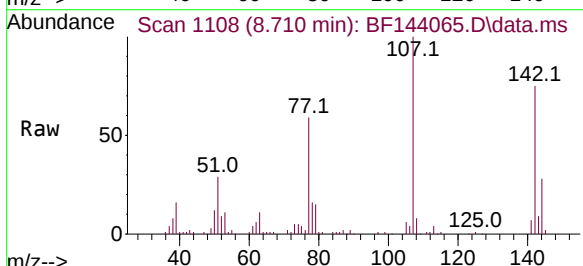
Tgt Ion:107 Resp: 70096

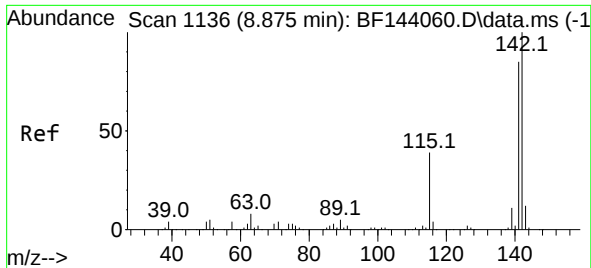
Ion Ratio Lower Upper

107 100

144 27.7 21.6 32.4

142 74.8 65.4 98.0

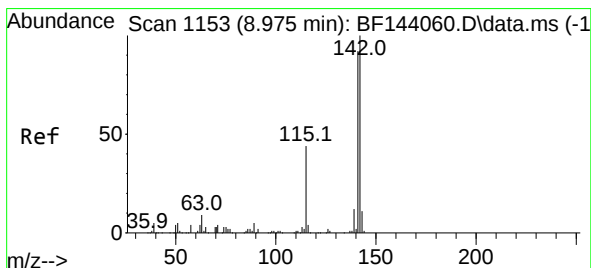
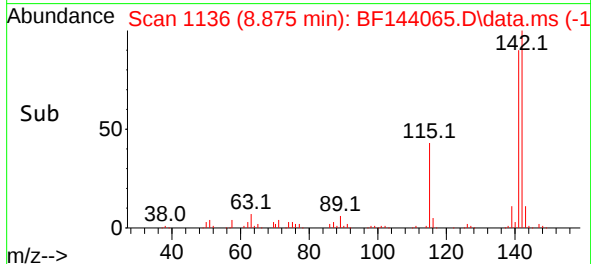
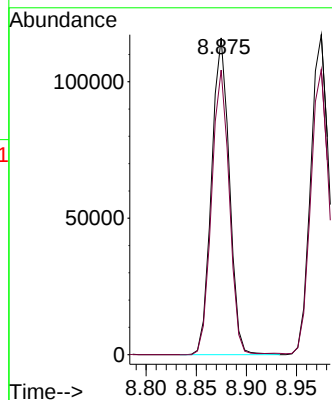
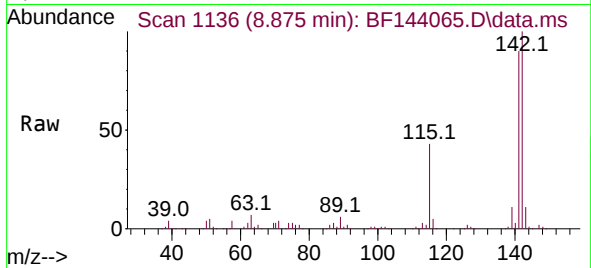




#37
2-Methylnaphthalene
Concen: 33.233 ng
RT: 8.875 min Scan# 1136
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

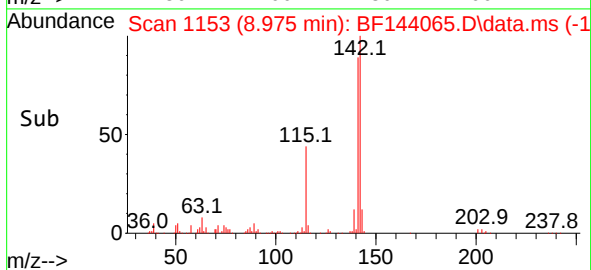
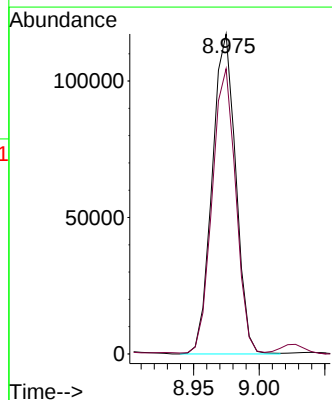
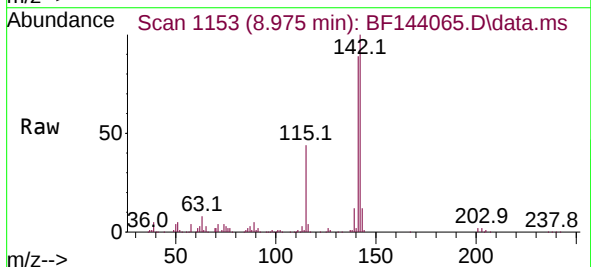
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

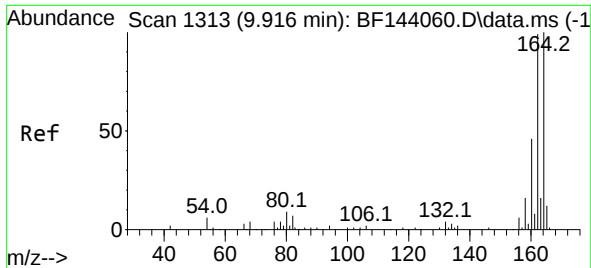
Tgt Ion:142 Resp: 143296
Ion Ratio Lower Upper
142 100
141 89.8 67.6 101.4



#38
1-Methylnaphthalene
Concen: 35.945 ng
RT: 8.975 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:142 Resp: 146838
Ion Ratio Lower Upper
142 100
141 89.1 73.4 110.2

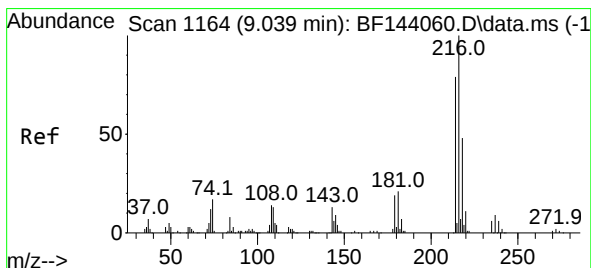
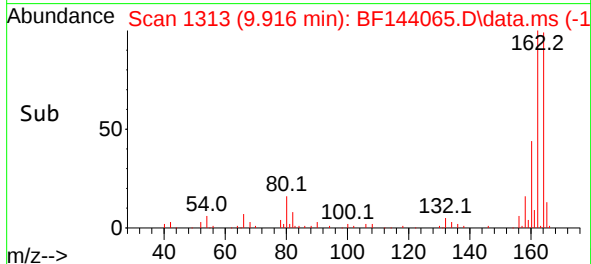
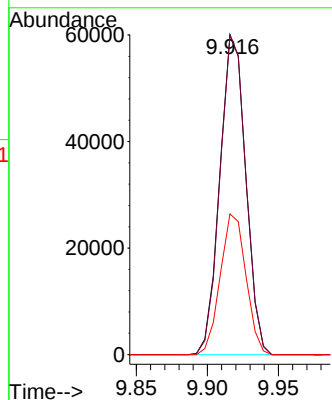
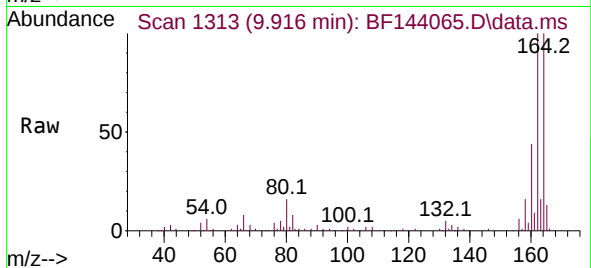




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

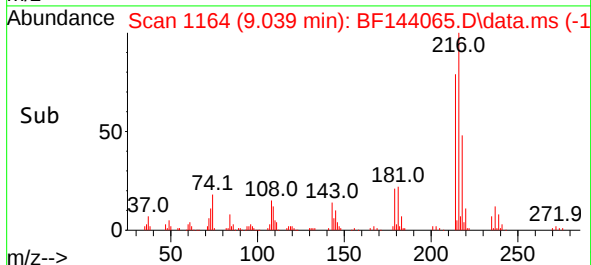
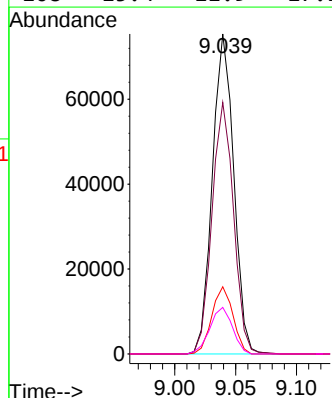
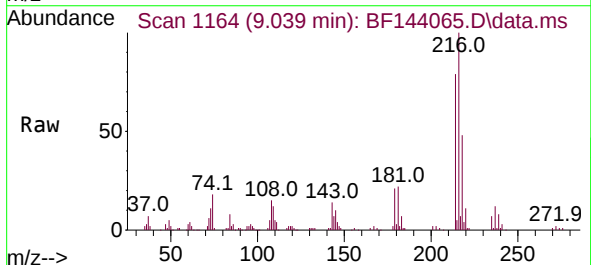
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

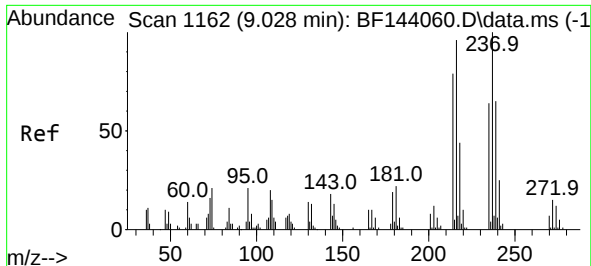
Tgt Ion:164 Resp: 76145
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 44.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.121 ng
RT: 9.039 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:216 Resp: 91910
Ion Ratio Lower Upper
216 100
214 79.3 63.2 94.8
179 20.8 15.2 22.8
108 15.4 11.9 17.9

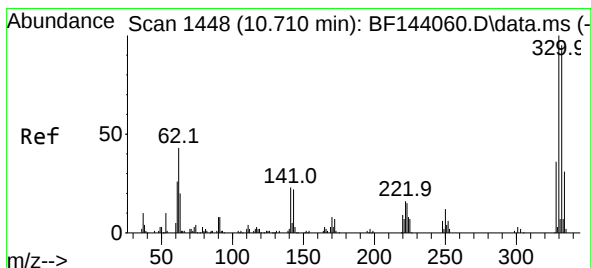
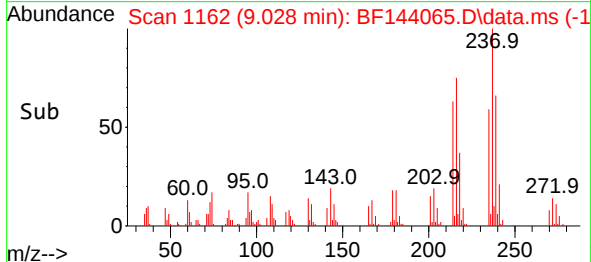
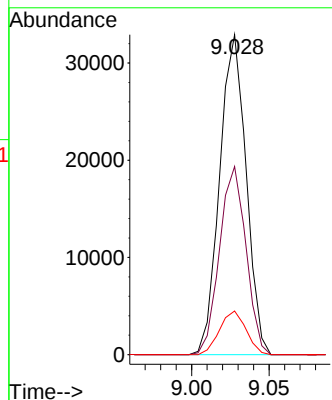
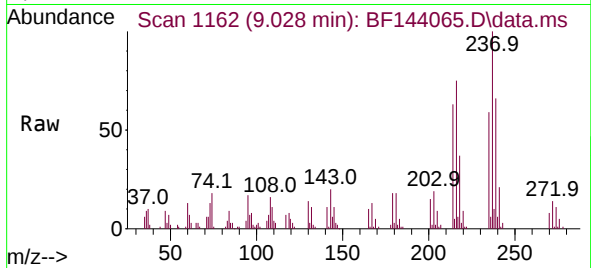




#41
Hexachlorocyclopentadiene
Concen: 48.585 ng
RT: 9.028 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

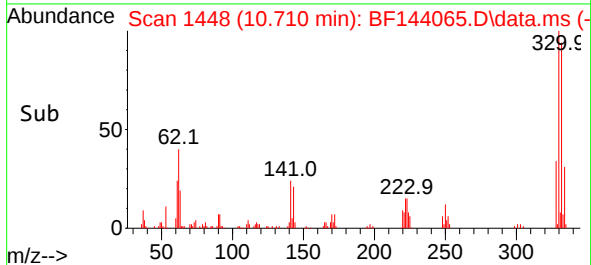
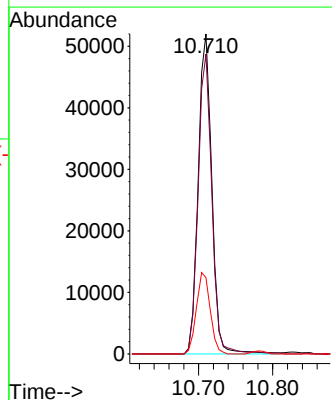
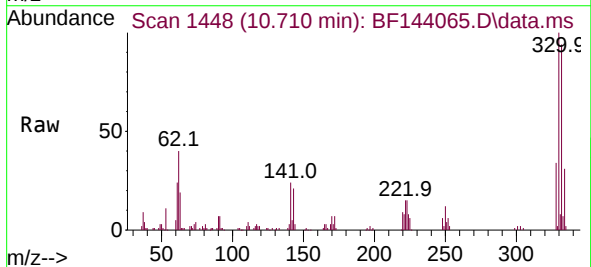
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

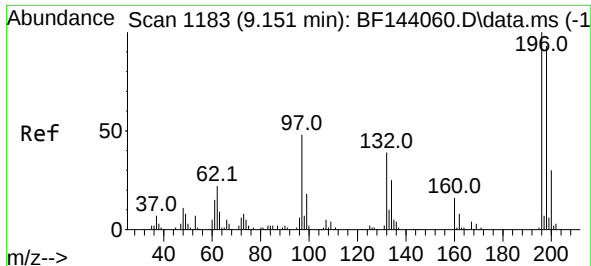
Tgt Ion:237 Resp: 39270
Ion Ratio Lower Upper
237 100
235 58.8 44.3 84.3
272 13.6 0.0 35.2



#42
2,4,6-Tribromophenol
Concen: 68.551 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:330 Resp: 66490
Ion Ratio Lower Upper
330 100
332 94.2 77.0 115.6
141 25.7 19.4 29.0

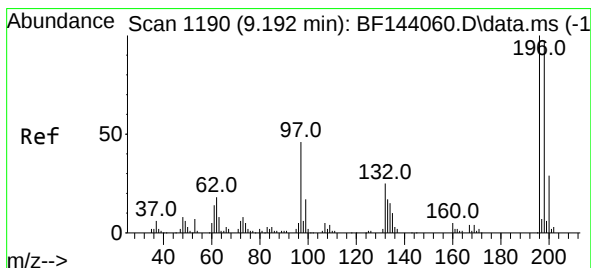
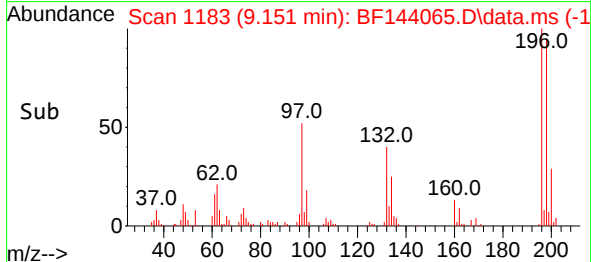
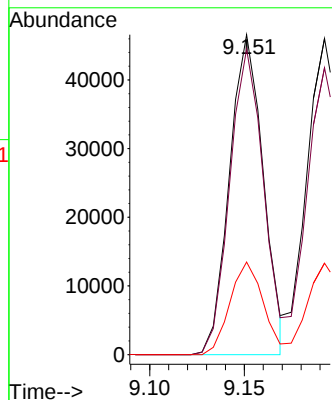
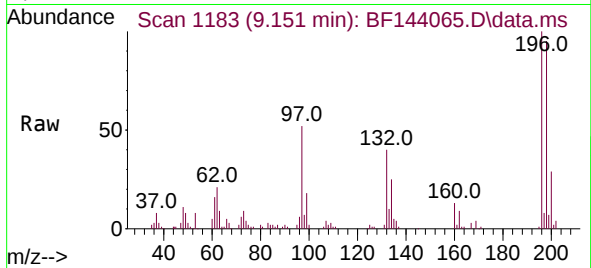




#43
2,4,6-Trichlorophenol
Concen: 33.986 ng
RT: 9.151 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

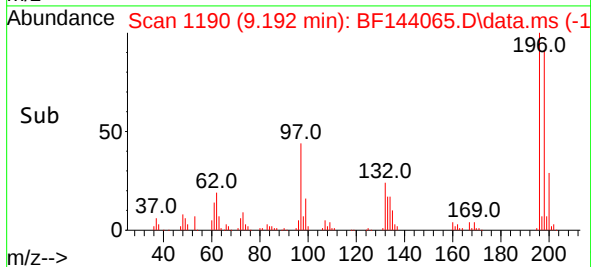
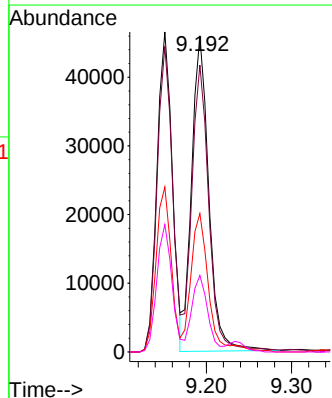
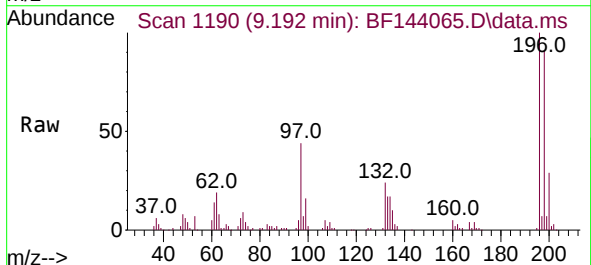
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

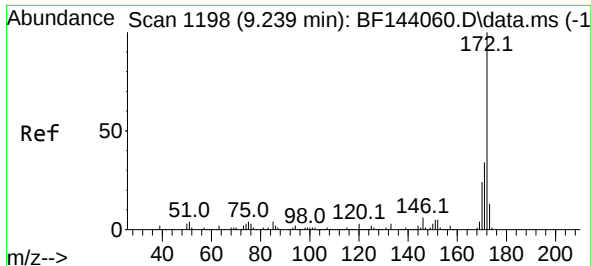
Tgt Ion:196 Resp: 57810
Ion Ratio Lower Upper
196 100
198 95.5 74.4 111.6
200 28.9 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 36.018 ng
RT: 9.192 min Scan# 1190
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:196 Resp: 64300
Ion Ratio Lower Upper
196 100
198 90.7 78.0 117.0
97 43.7 37.7 56.5
132 24.2 20.2 30.4





#45

2-Fluorobiphenyl

Concen: 67.717 ng

RT: 9.234 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

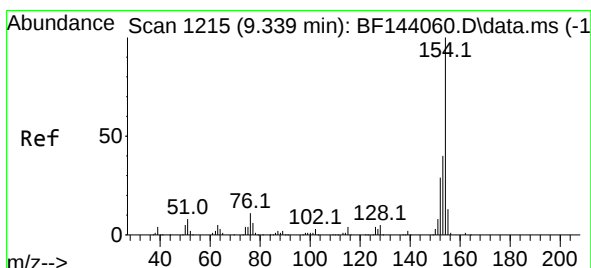
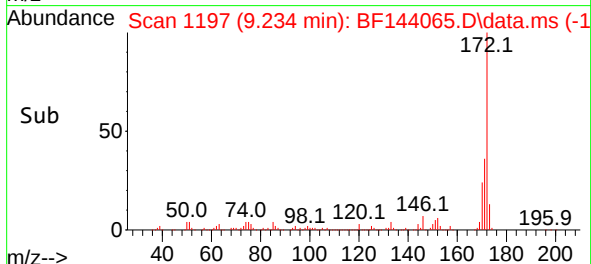
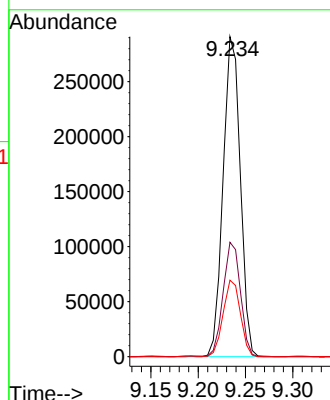
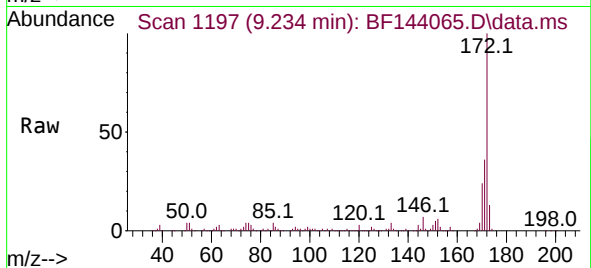
Tgt Ion:172 Resp: 366420

Ion Ratio Lower Upper

172 100

171 35.7 27.5 41.3

170 23.9 19.0 28.6



#46

1,1'-Biphenyl

Concen: 35.345 ng

RT: 9.339 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

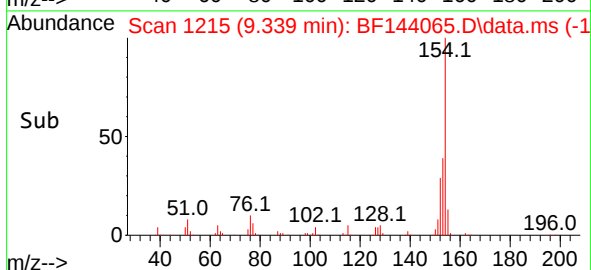
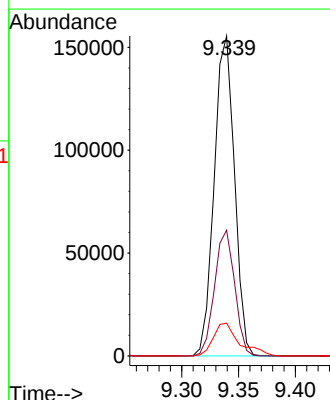
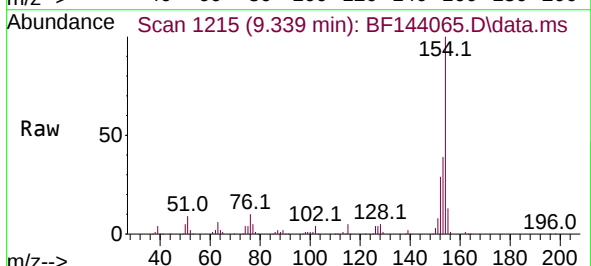
Tgt Ion:154 Resp: 192660

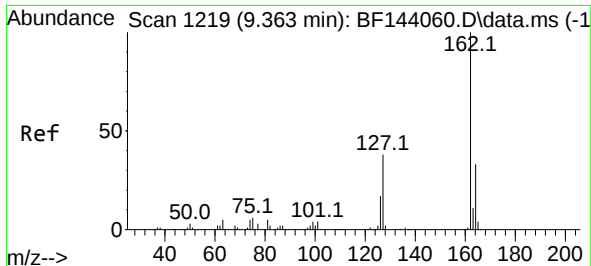
Ion Ratio Lower Upper

154 100

153 39.3 19.7 59.7

76 10.2 0.0 31.1

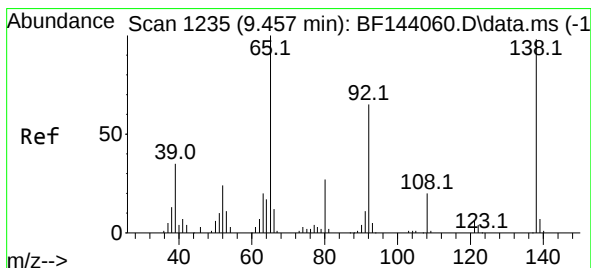
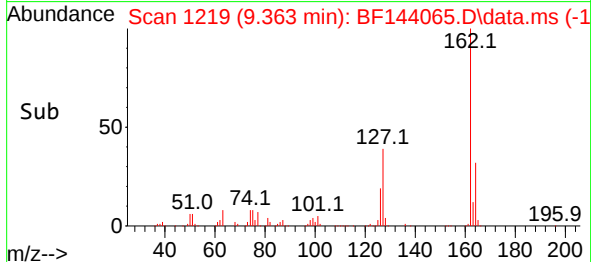
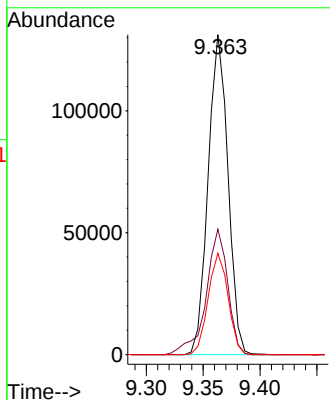
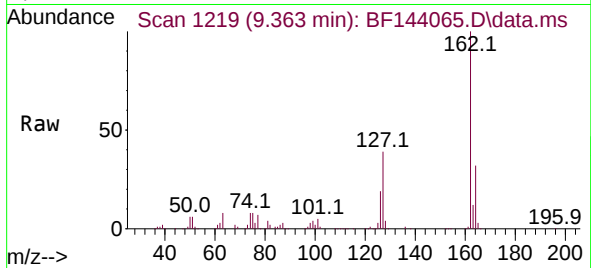




#47
2-Chloronaphthalene
Concen: 34.908 ng
RT: 9.363 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

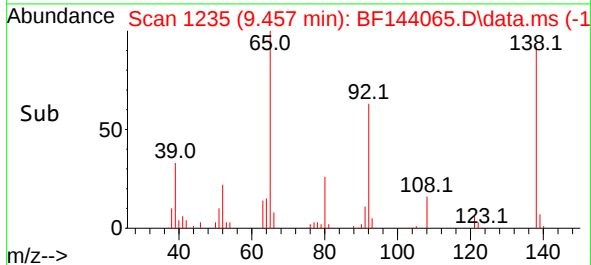
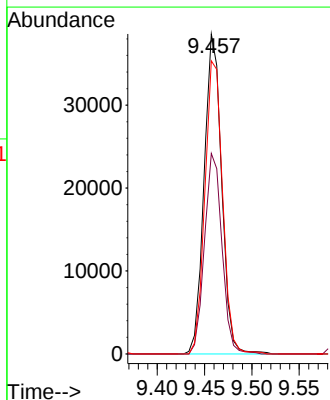
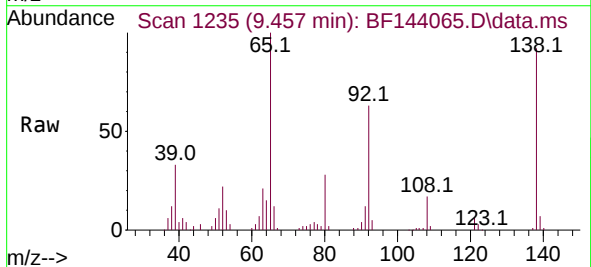
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

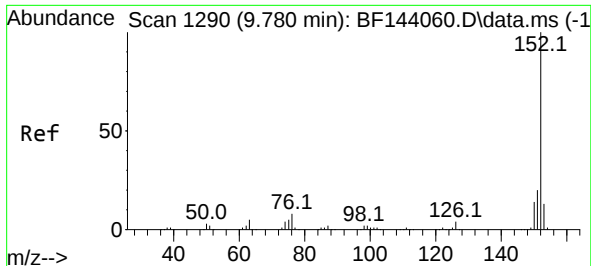
Tgt Ion:162 Resp: 159410
Ion Ratio Lower Upper
162 100
127 39.2 31.6 47.4
164 31.6 26.5 39.7



#48
2-Nitroaniline
Concen: 36.621 ng
RT: 9.457 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion: 65 Resp: 49659
Ion Ratio Lower Upper
65 100
92 62.6 52.3 78.5
138 91.6 78.3 117.5





#49

Acenaphthylene

Concen: 39.474 ng

RT: 9.781 min Scan# 1290

Delta R.T. 0.000 min

Lab File: BF144065.D

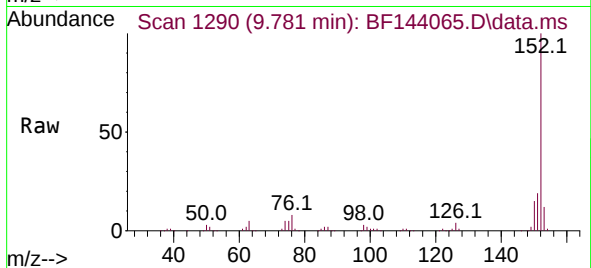
Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425



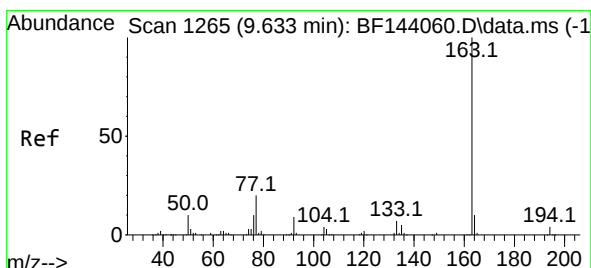
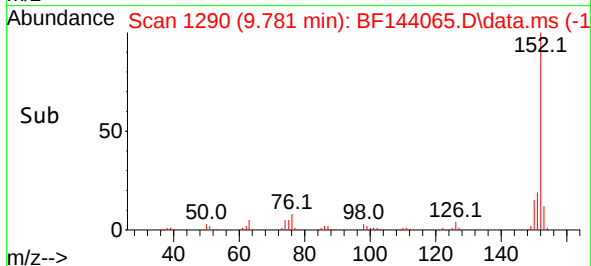
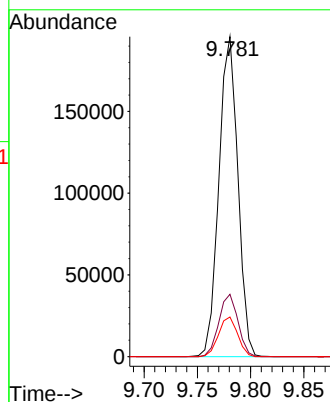
Tgt Ion:152 Resp: 243055

Ion Ratio Lower Upper

152 100

151 19.5 15.9 23.9

153 12.4 10.4 15.6



#50

Dimethylphthalate

Concen: 34.098 ng

RT: 9.634 min Scan# 1265

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

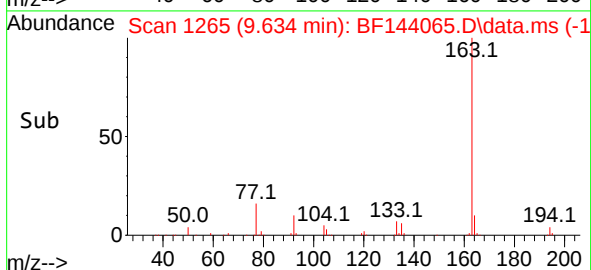
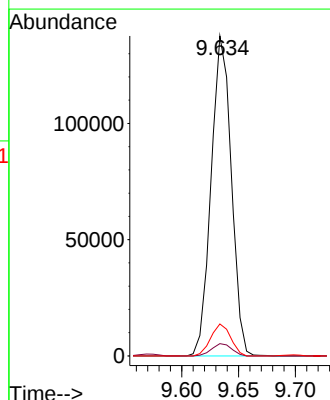
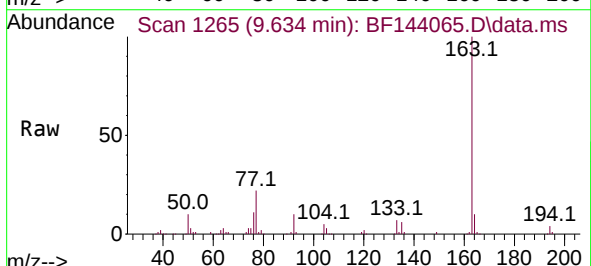
Tgt Ion:163 Resp: 170189

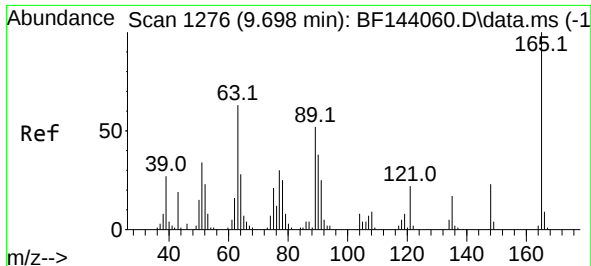
Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

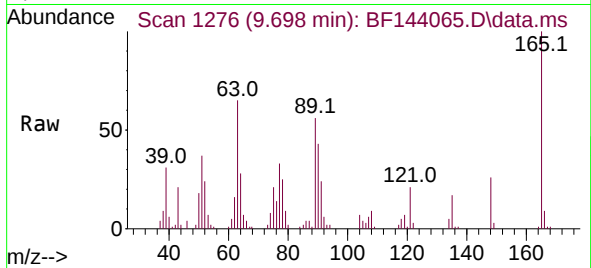
164 10.0 7.8 11.8



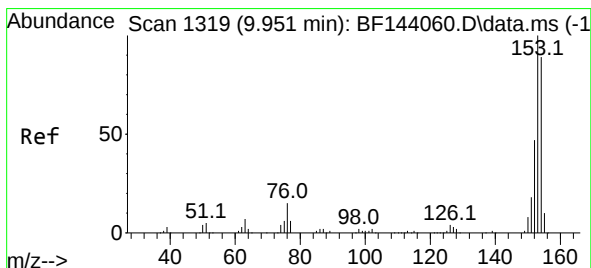
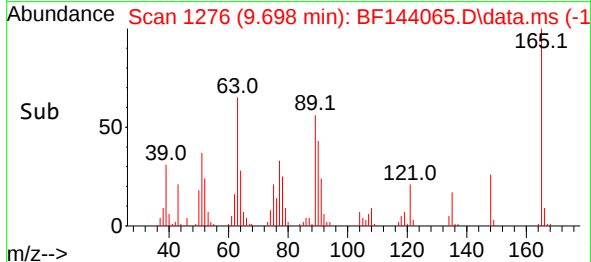
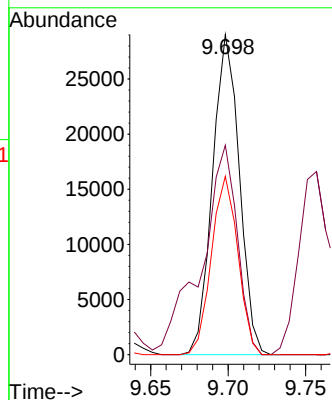


#51
2,6-Dinitrotoluene
Concen: 35.461 ng
RT: 9.698 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

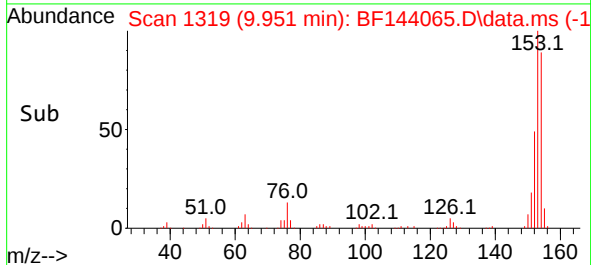
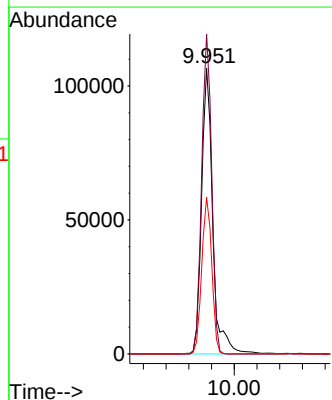
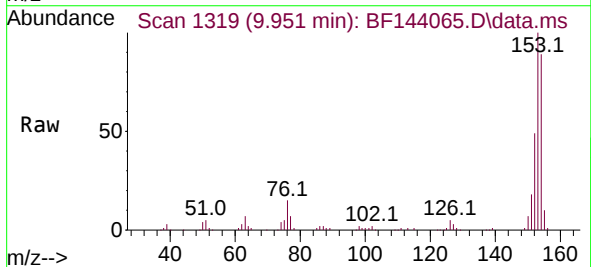


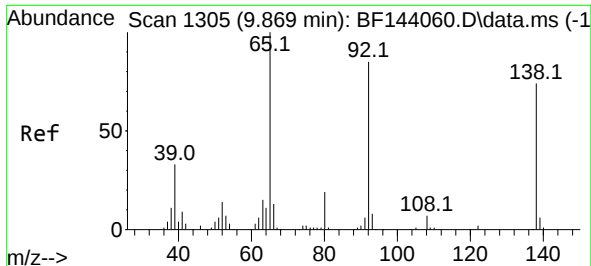
Tgt Ion:165 Resp: 34990
Ion Ratio Lower Upper
165 100
63 65.4 50.4 75.6
89 55.7 41.4 62.2



#52
Acenaphthene
Concen: 35.145 ng
RT: 9.951 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:154 Resp: 144520
Ion Ratio Lower Upper
154 100
153 111.9 89.9 134.9
152 54.8 42.0 63.0

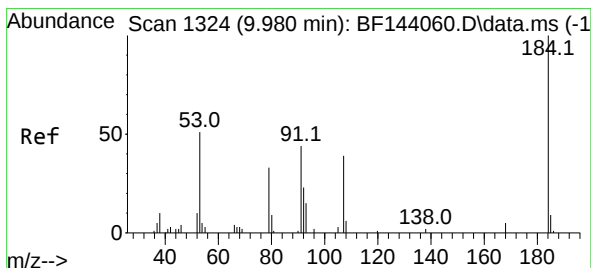
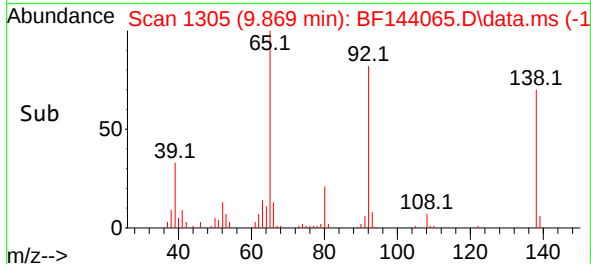
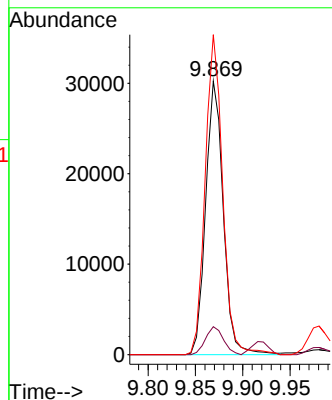
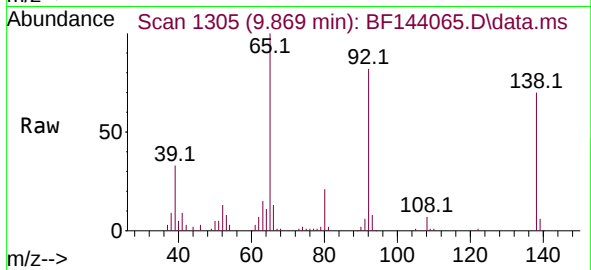




#53
3-Nitroaniline
Concen: 35.804 ng
RT: 9.869 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

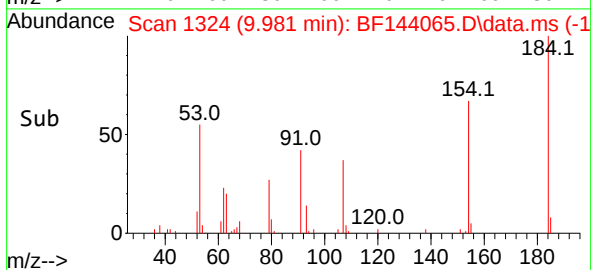
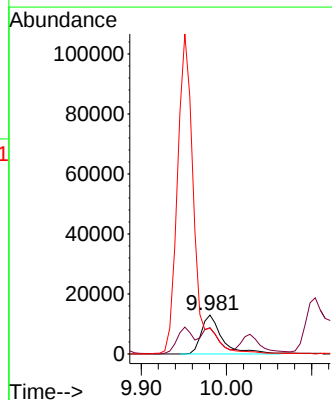
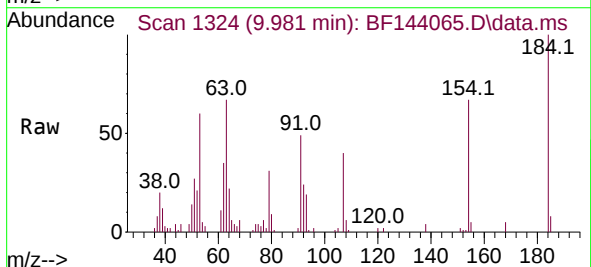
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

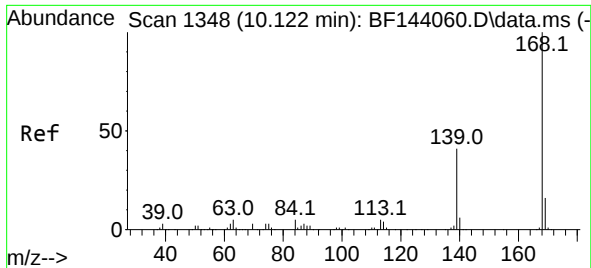
Tgt Ion:138 Resp: 39278
Ion Ratio Lower Upper
138 100
108 10.2 7.9 11.9
92 117.0 92.0 138.0



#54
2,4-Dinitrophenol
Concen: 41.102 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:184 Resp: 21935
Ion Ratio Lower Upper
184 100
63 67.5 52.1 78.1
154 66.5 47.9 71.9

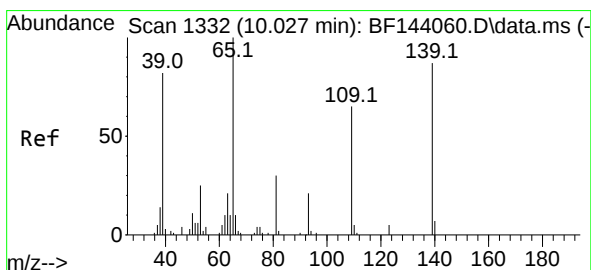
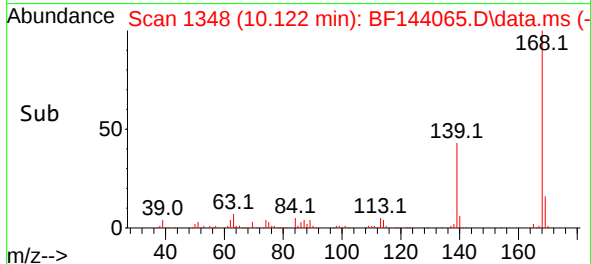
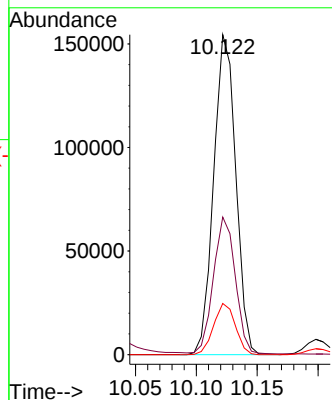
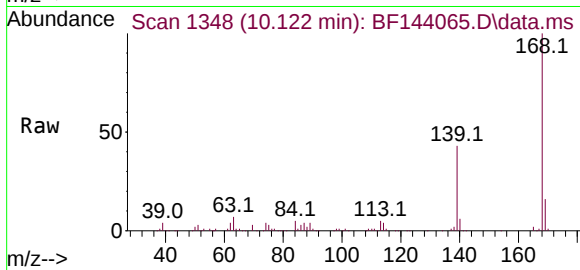




#55
Dibenzofuran
Concen: 34.140 ng
RT: 10.122 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

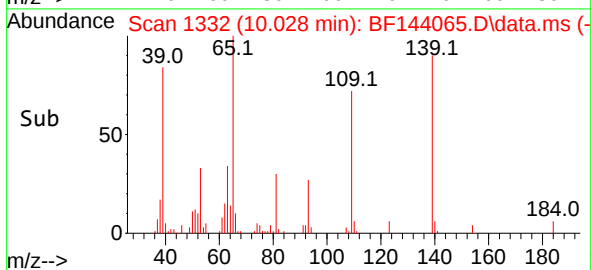
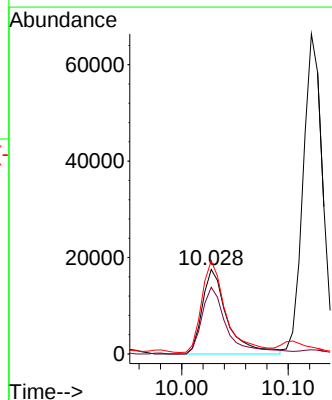
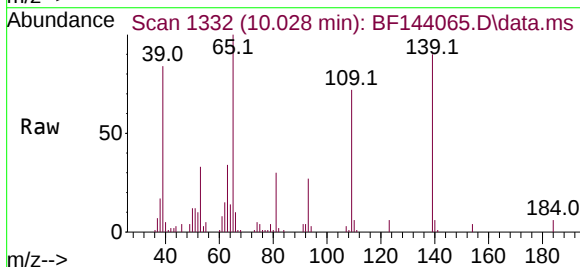
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

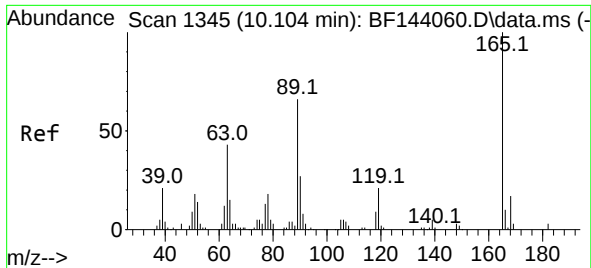
Tgt Ion:168 Resp: 194900
Ion Ratio Lower Upper
168 100
139 43.0 33.2 49.8
169 16.0 12.6 19.0



#56
4-Nitrophenol
Concen: 38.254 ng
RT: 10.028 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:139 Resp: 28418
Ion Ratio Lower Upper
139 100
109 79.1 53.8 93.8
65 110.6 95.9 135.9

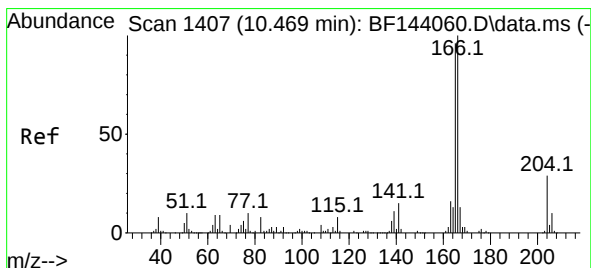
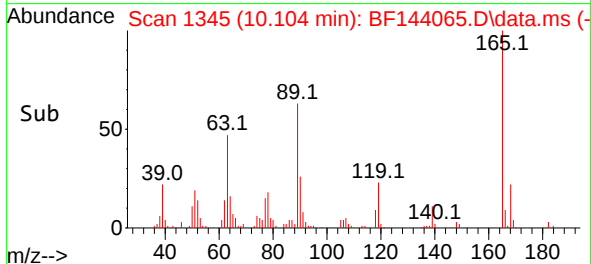
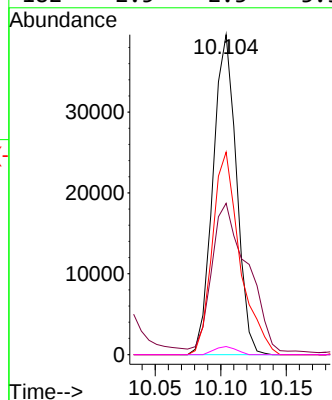
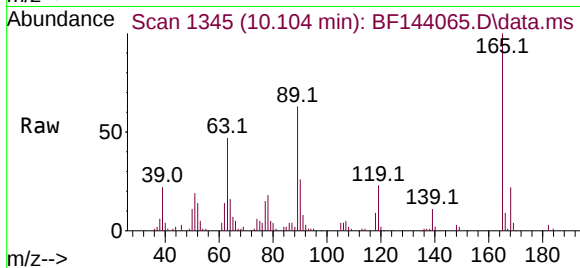




#57
2,4-Dinitrotoluene
Concen: 37.002 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

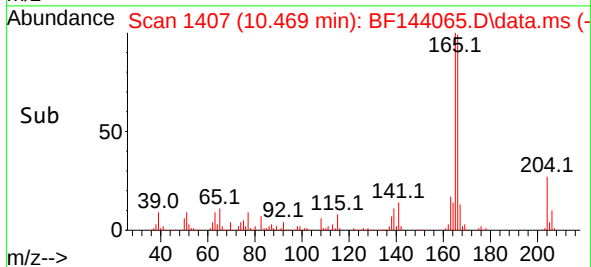
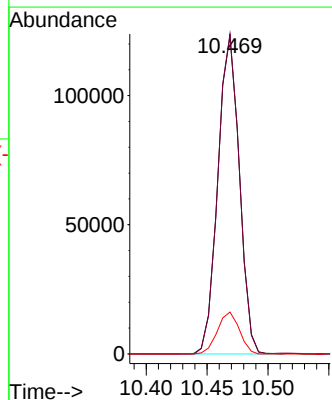
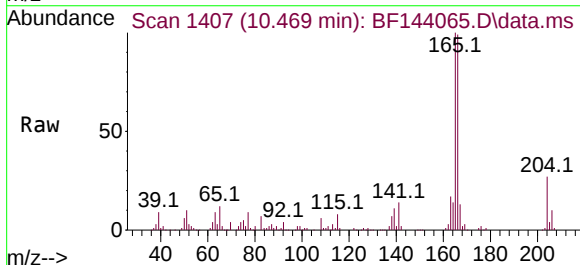
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

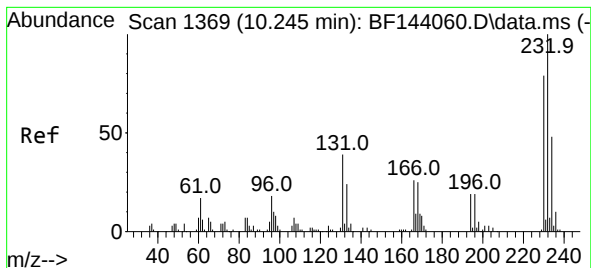
Tgt Ion:165	Resp:	49275
Ion	Ratio	Lower Upper
165	100	
63	47.3	35.4 53.2
89	63.3	52.7 79.1
182	2.5	2.3 3.5



#58
Fluorene
Concen: 34.864 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:166	Resp:	151653
Ion	Ratio	Lower Upper
166	100	
165	100.7	77.0 115.4
167	13.2	10.2 15.4

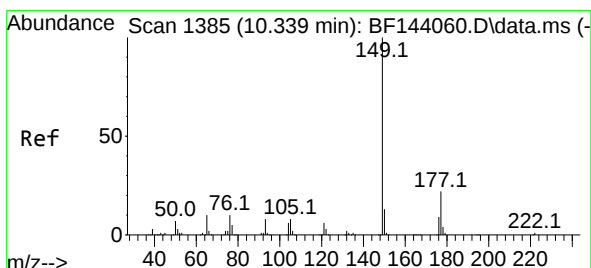
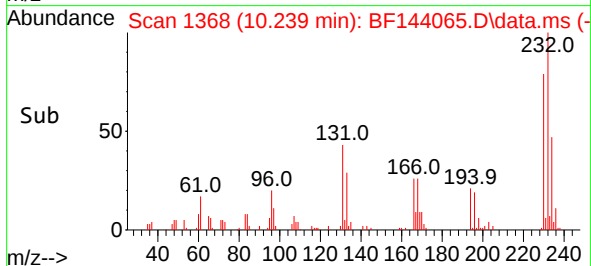
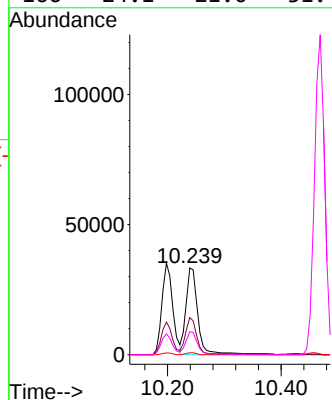
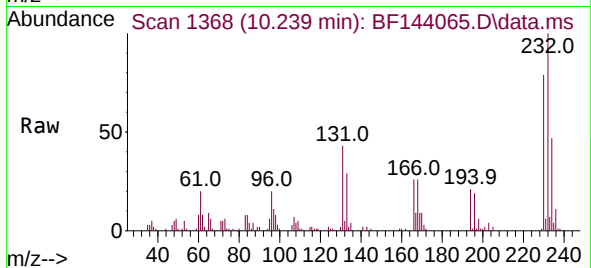




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.232 ng
RT: 10.239 min Scan# 1368
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

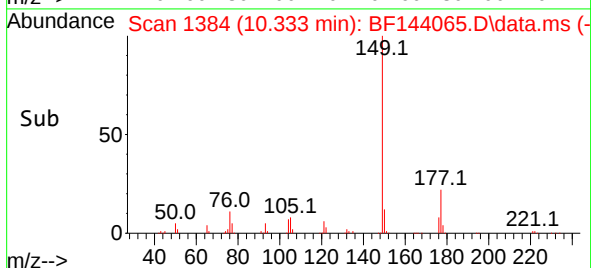
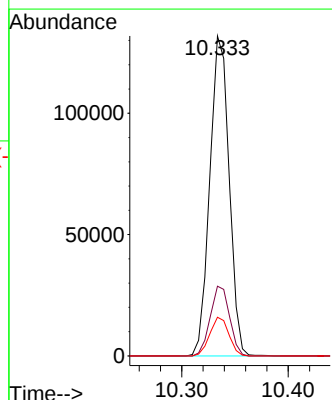
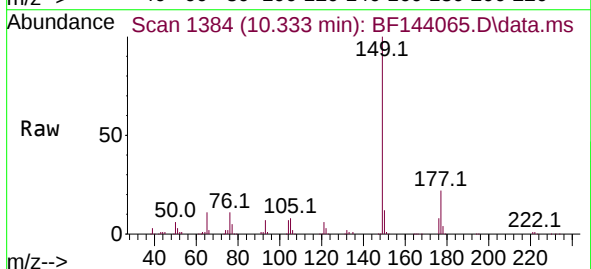
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

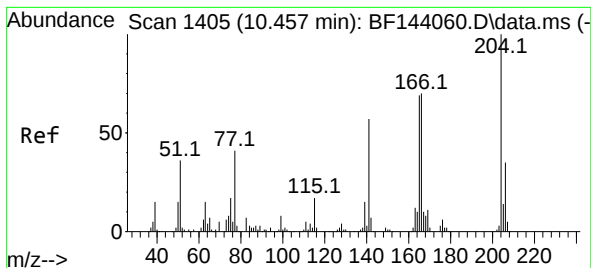
Tgt Ion:232 Resp: 49354
Ion Ratio Lower Upper
232 100
131 36.9 31.9 47.9
130 1.7 1.1 1.7#
166 24.1 21.0 31.4



#60
Diethylphthalate
Concen: 35.442 ng
RT: 10.333 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:149 Resp: 166357
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.6
150 12.1 10.1 15.1

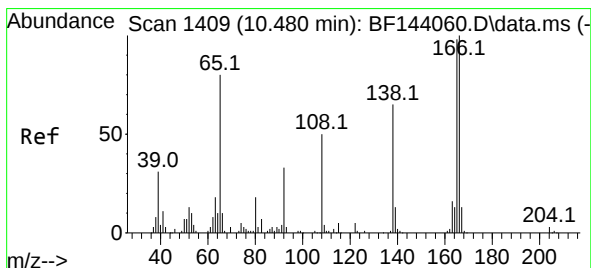
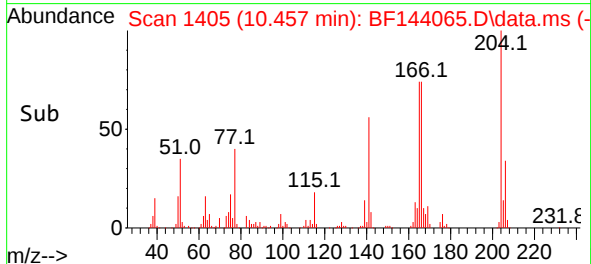
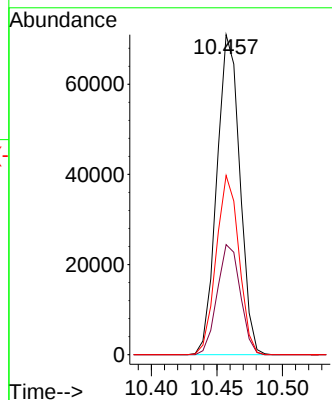
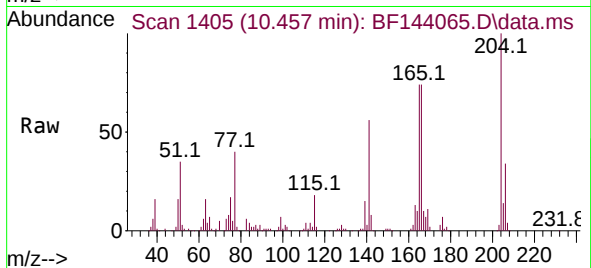




#61
4-Chlorophenyl-phenylether
Concen: 35.479 ng
RT: 10.457 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

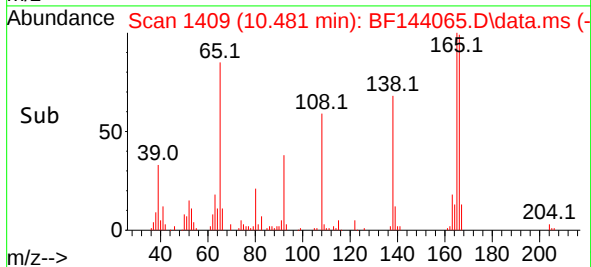
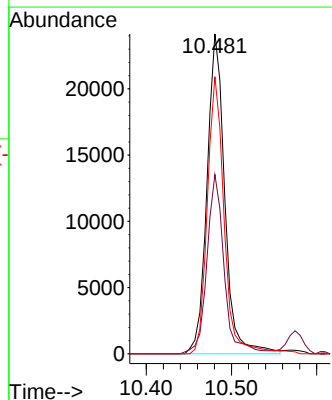
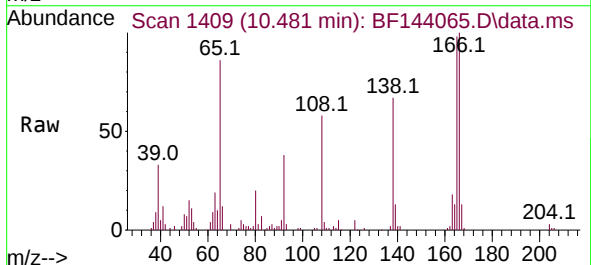
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

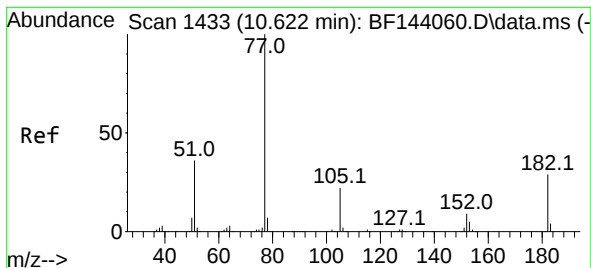
Tgt Ion:204 Resp: 86789
Ion Ratio Lower Upper
204 100
206 34.4 27.8 41.6
141 56.0 45.4 68.2



#62
4-Nitroaniline
Concen: 33.756 ng
RT: 10.481 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:138 Resp: 35087
Ion Ratio Lower Upper
138 100
92 56.0 30.5 70.5
108 86.6 56.2 96.2





#63

Azobenzene

Concen: 36.422 ng

RT: 10.616 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

Tgt Ion: 77 Resp: 161807

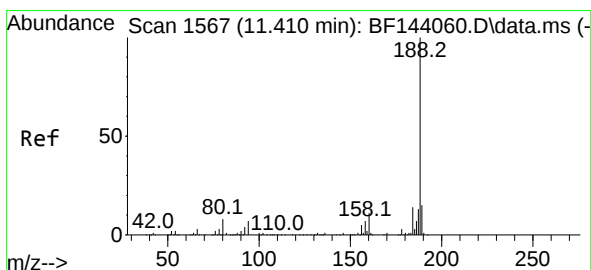
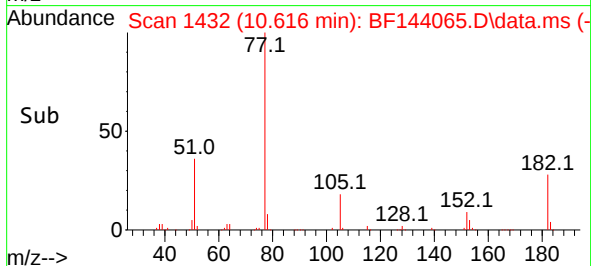
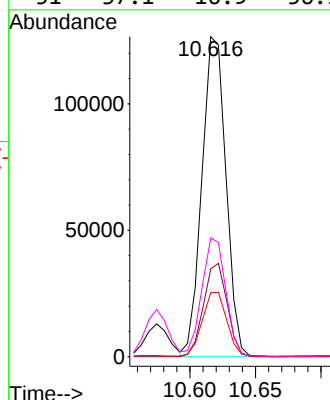
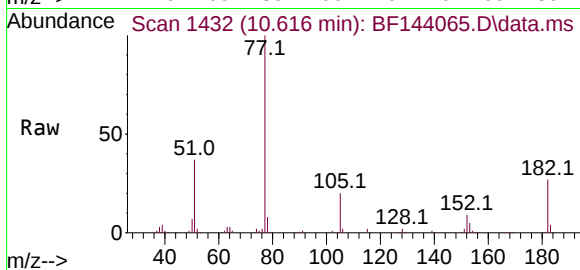
Ion Ratio Lower Upper

77 100

182 27.4 9.0 49.0

105 20.0 1.4 41.4

51 37.1 16.9 56.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1567

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

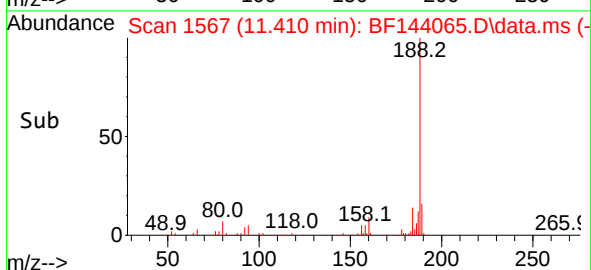
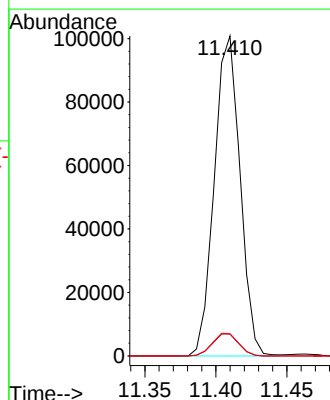
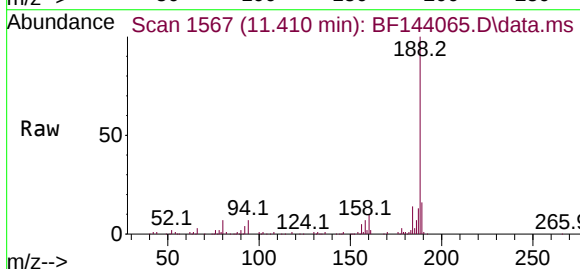
Tgt Ion:188 Resp: 127305

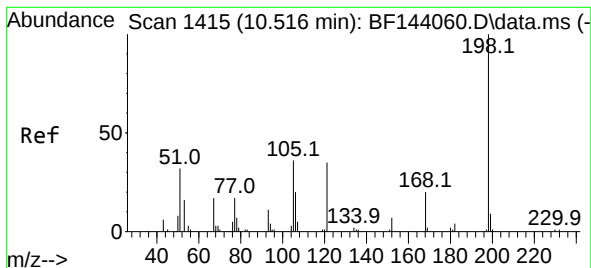
Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.0

80 6.9 6.0 9.0

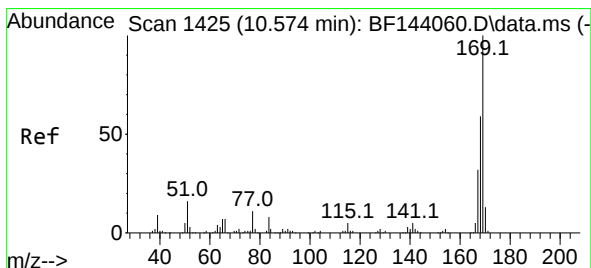
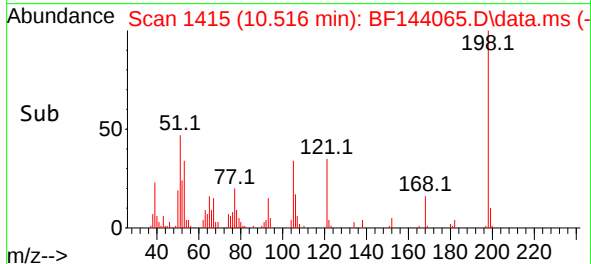
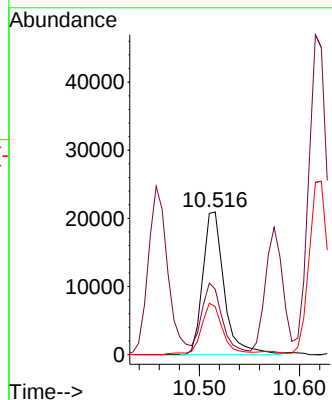
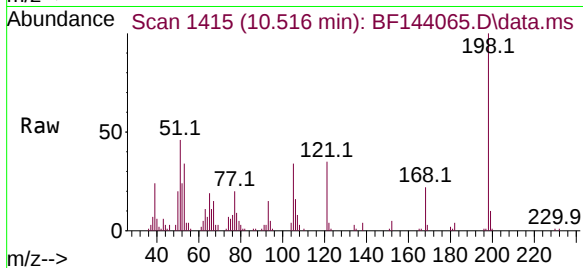




#65
4,6-Dinitro-2-methylphenol
Concen: 37.867 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

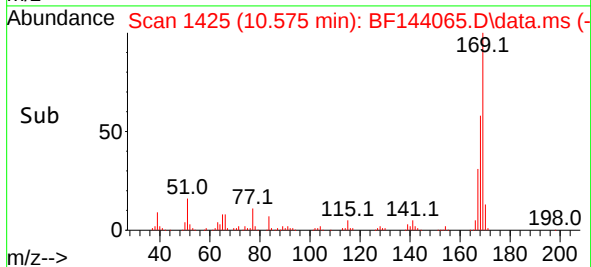
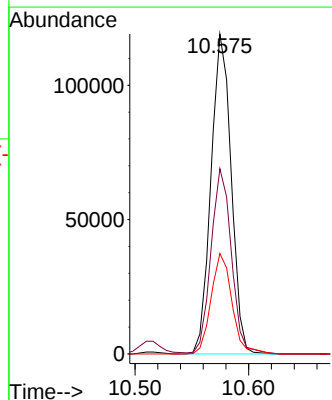
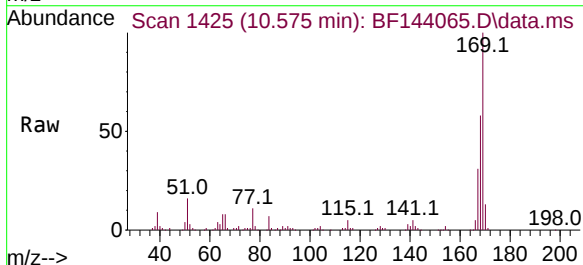
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

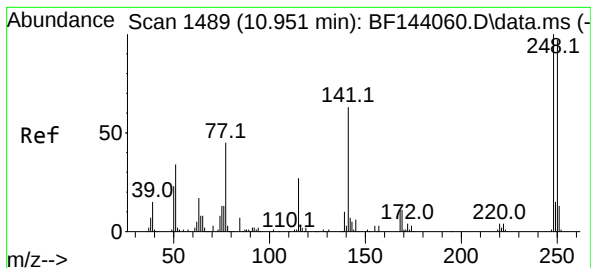
Tgt Ion:198 Resp: 30929
Ion Ratio Lower Upper
198 100
51 45.8 25.8 65.8
105 33.6 17.2 57.2



#66
n-Nitrosodiphenylamine
Concen: 36.075 ng
RT: 10.575 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:169 Resp: 146733
Ion Ratio Lower Upper
169 100
168 57.9 47.4 71.2
167 31.4 25.5 38.3

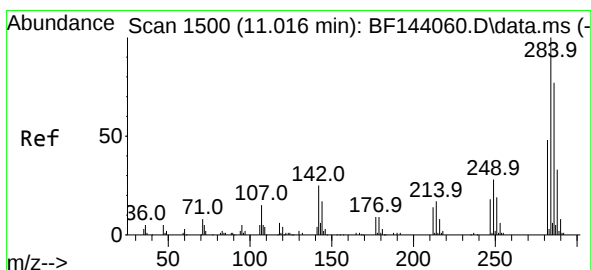
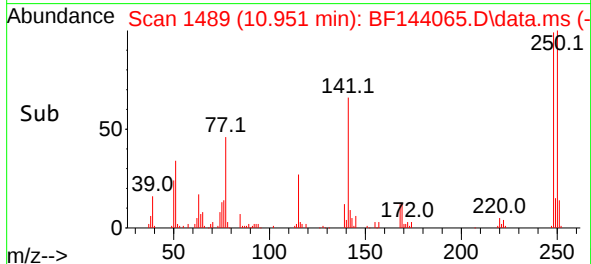
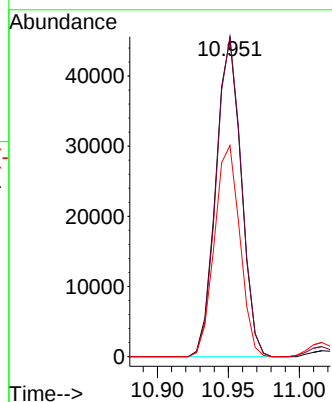
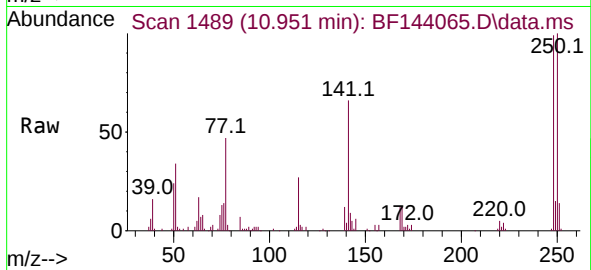




#67
4-Bromophenyl-phenylether
Concen: 35.313 ng
RT: 10.951 min Scan# 1489
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

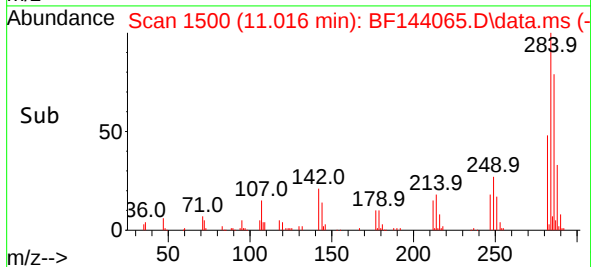
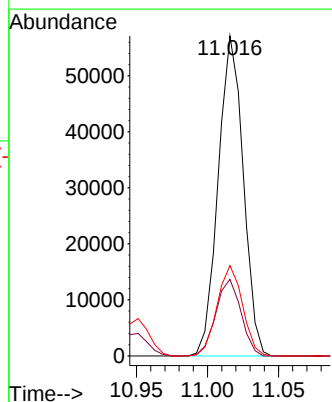
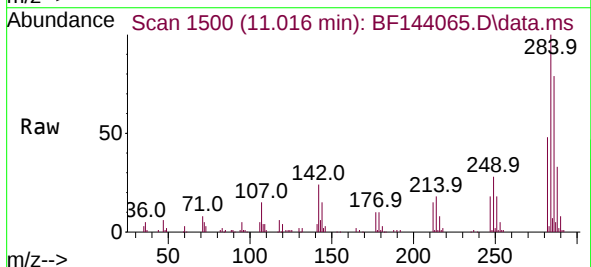
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

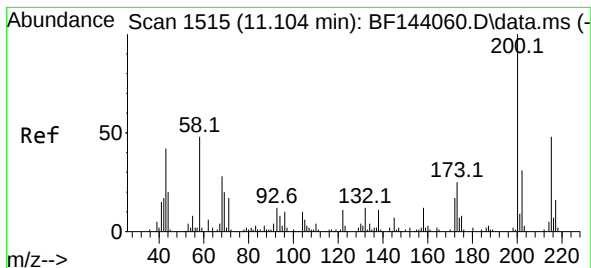
Tgt Ion:248 Resp: 56286
Ion Ratio Lower Upper
248 100
250 100.6 77.8 116.6
141 66.4 50.5 75.7



#68
Hexachlorobenzene
Concen: 35.903 ng
RT: 11.016 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:284 Resp: 70184
Ion Ratio Lower Upper
284 100
142 23.9 20.0 30.0
249 28.2 22.2 33.2





#69

Atrazine

Concen: 36.643 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

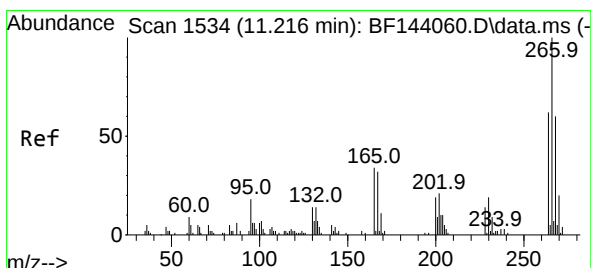
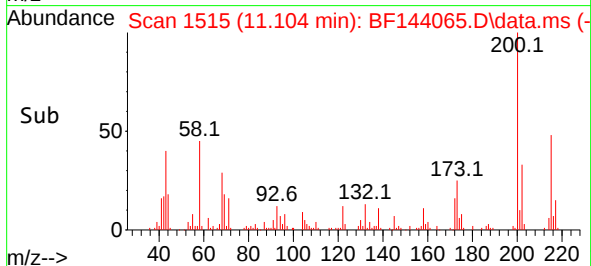
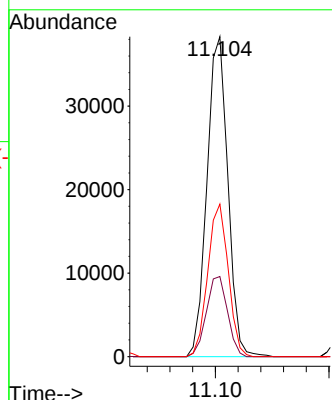
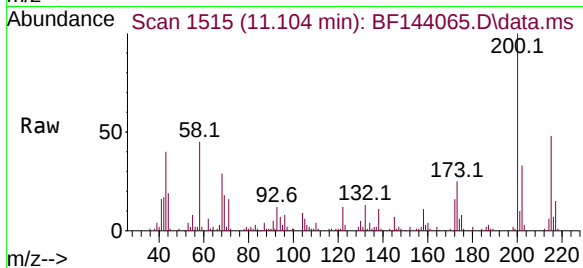
Tgt Ion:200 Resp: 48908

Ion Ratio Lower Upper

200 100

173 25.0 4.9 44.9

215 47.7 28.2 68.2



#70

Pentachlorophenol

Concen: 33.237 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

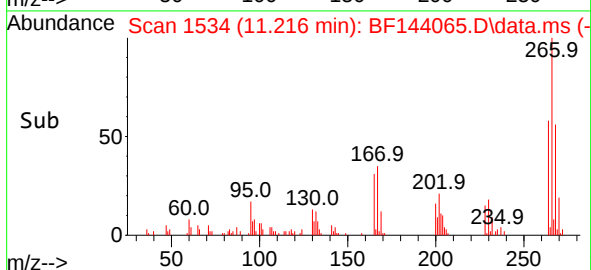
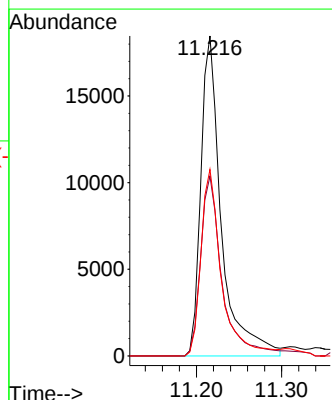
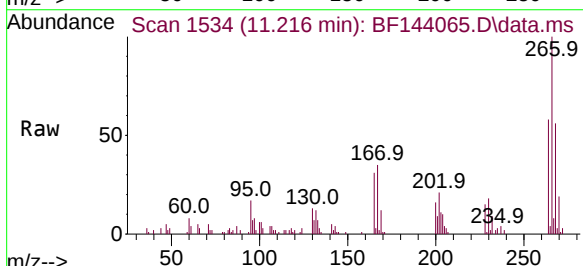
Tgt Ion:266 Resp: 30927

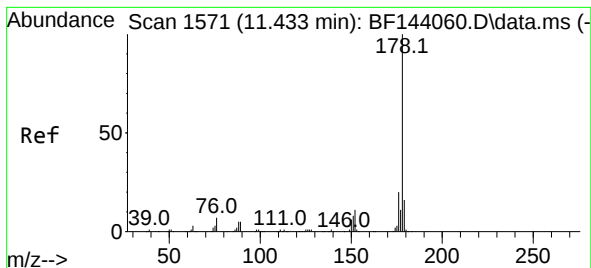
Ion Ratio Lower Upper

266 100

268 56.2 48.2 72.4

264 58.3 49.4 74.0





#71

Phenanthrene

Concen: 36.120 ng

RT: 11.433 min Scan# 1571

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

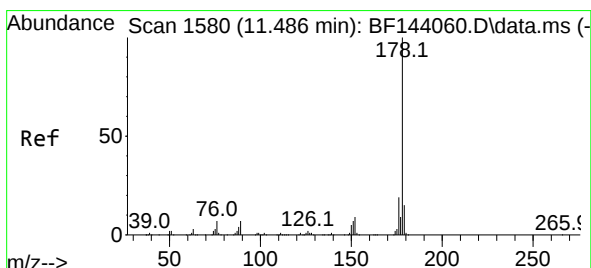
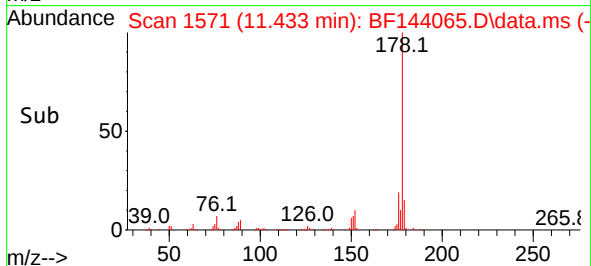
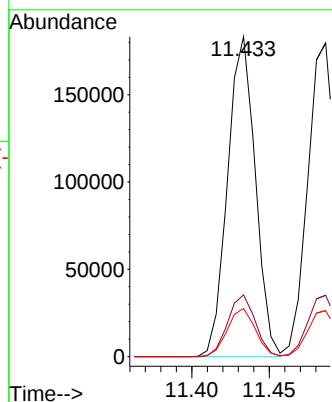
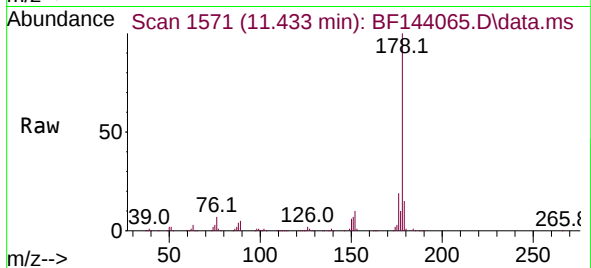
Tgt Ion:178 Resp: 228423

Ion Ratio Lower Upper

178 100

176 19.3 16.3 24.5

179 15.0 12.6 18.8



#72

Anthracene

Concen: 35.782 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

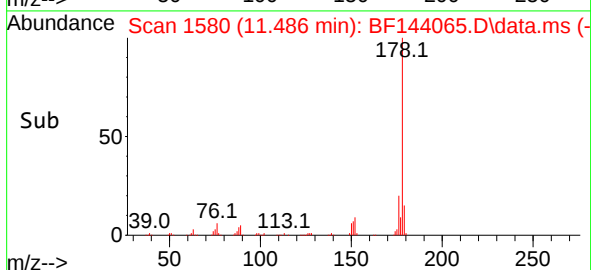
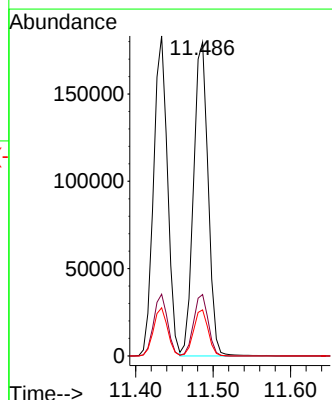
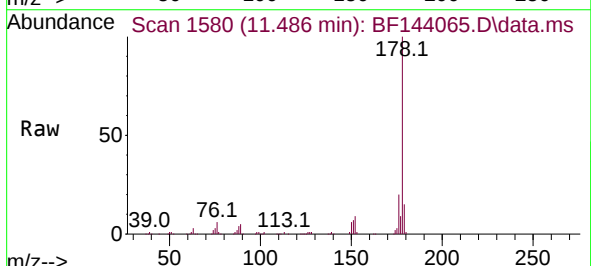
Tgt Ion:178 Resp: 233757

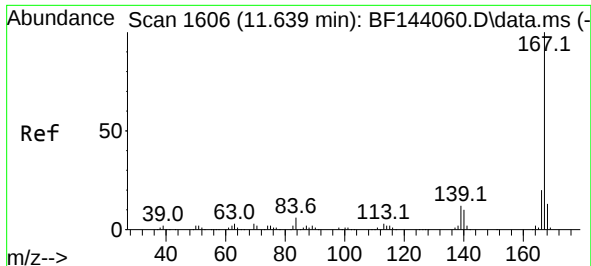
Ion Ratio Lower Upper

178 100

176 19.5 15.0 22.4

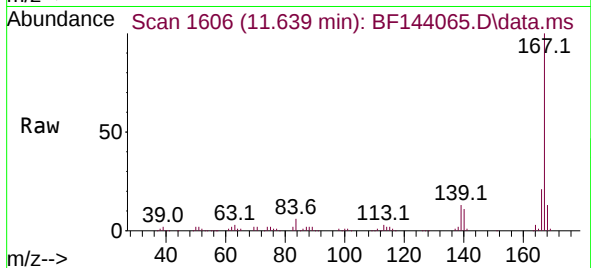
179 14.7 11.8 17.6



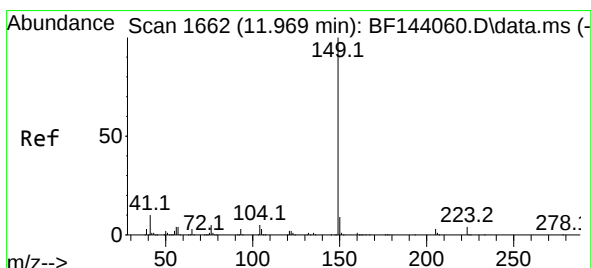
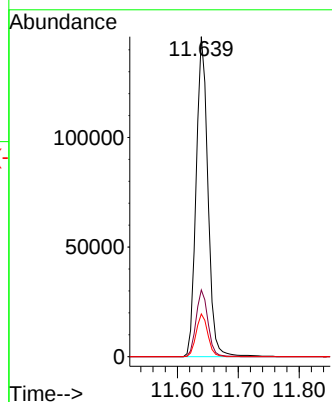
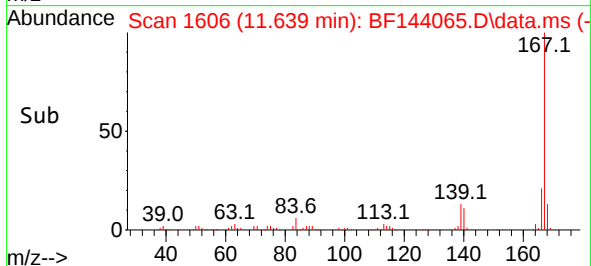


#73
 Carbazole
 Concen: 35.250 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. 0.000 min
 Lab File: BF144065.D
 Acq: 24 Oct 2025 17:22

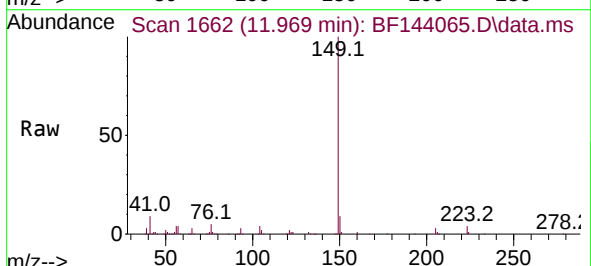
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425



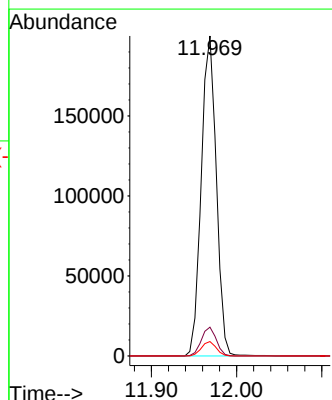
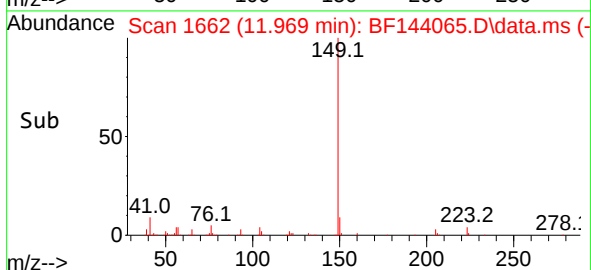
Tgt Ion:167 Resp: 196006
 Ion Ratio Lower Upper
 167 100
 166 20.9 16.1 24.1
 139 13.3 9.8 14.6

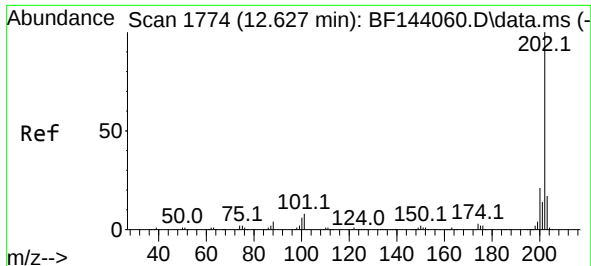


#74
 Di-n-butylphthalate
 Concen: 35.967 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF144065.D
 Acq: 24 Oct 2025 17:22



Tgt Ion:149 Resp: 245199
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.5 3.6 5.4

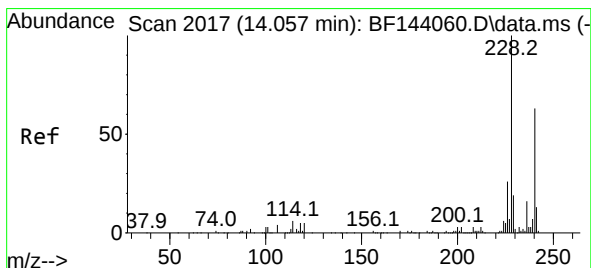
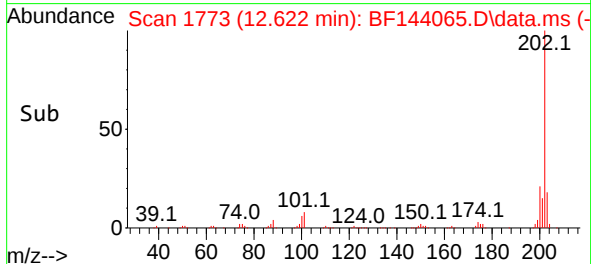
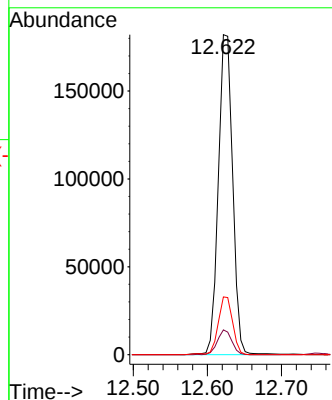
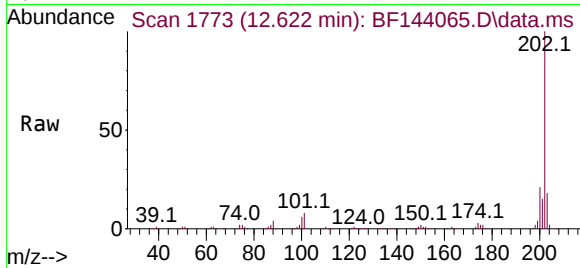




#75
Fluoranthene
Concen: 34.929 ng
RT: 12.622 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

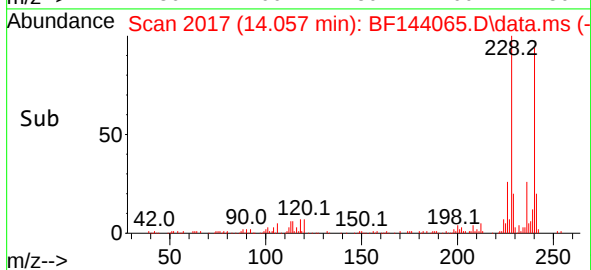
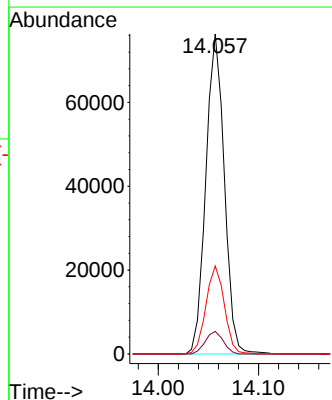
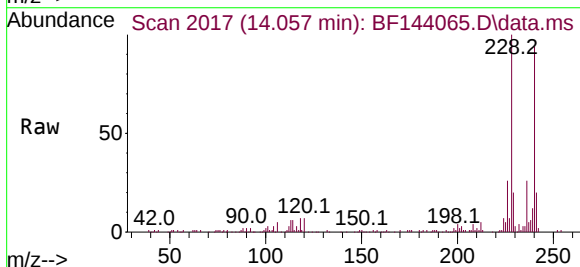
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

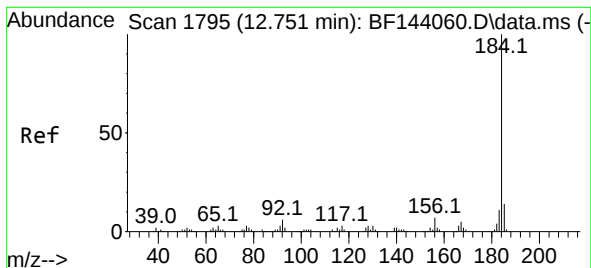
Tgt Ion:202 Resp: 244043
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.7
203 18.0 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:240 Resp: 97298
Ion Ratio Lower Upper
240 100
120 7.0 6.5 9.7
236 27.5 20.1 30.1





#77

Benzidine

Concen: 48.386 ng

RT: 12.745 min Scan# 1794

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

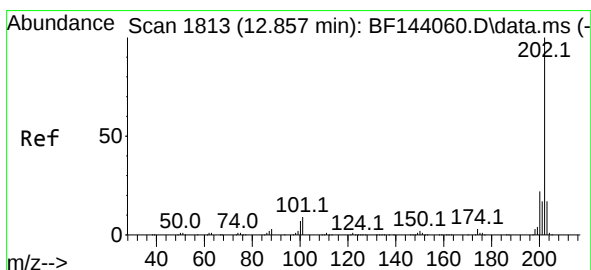
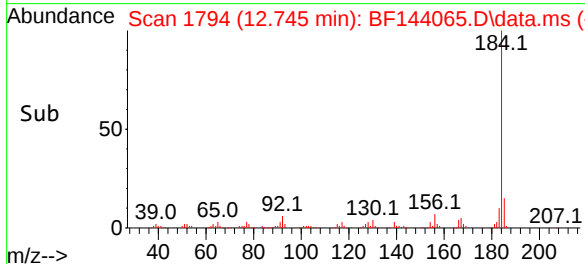
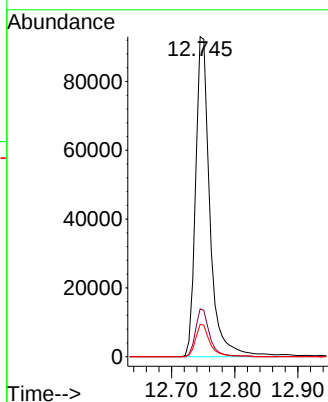
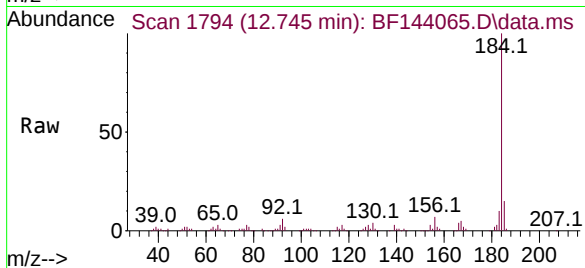
Tgt Ion:184 Resp: 146518

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

183 10.1 8.5 12.7



#78

Pyrene

Concen: 35.297 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

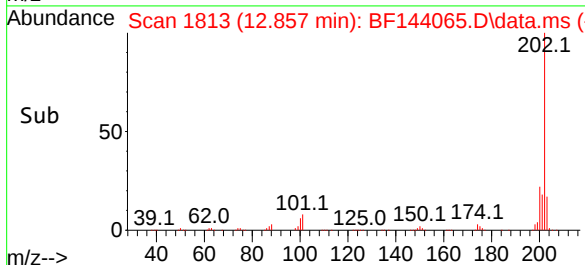
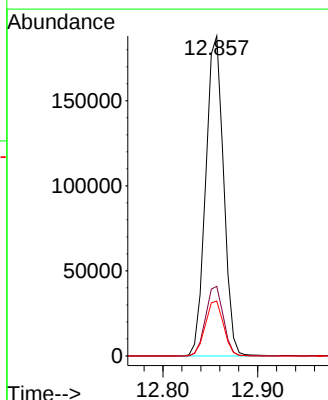
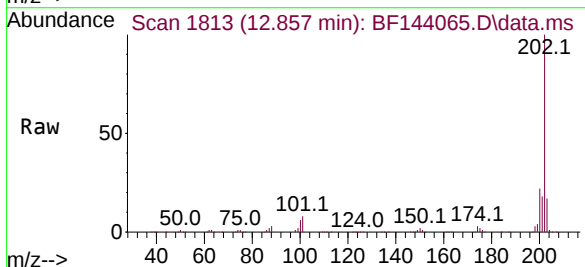
Tgt Ion:202 Resp: 246902

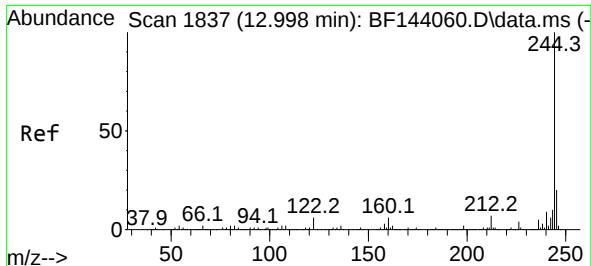
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.1 13.5 20.3





#79

Terphenyl-d14

Concen: 73.542 ng

RT: 12.998 min Scan# 1837

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

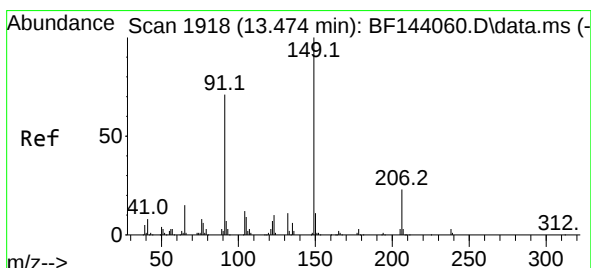
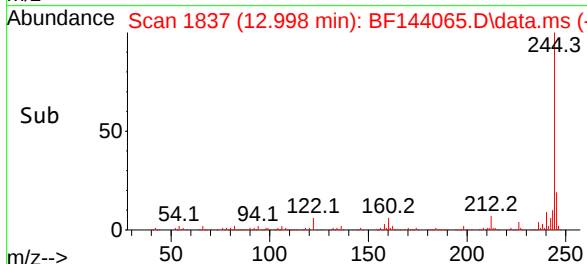
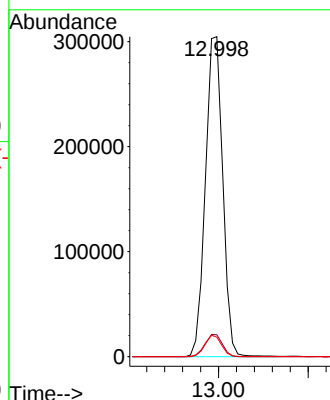
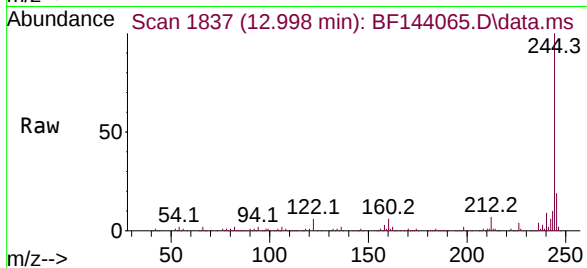
Tgt Ion:244 Resp: 409300

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

122 6.1 4.9 7.3



#80

Butylbenzylphthalate

Concen: 35.741 ng

RT: 13.469 min Scan# 1917

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

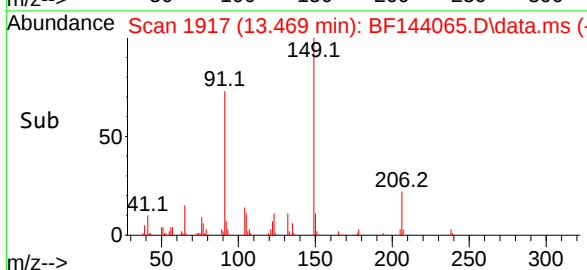
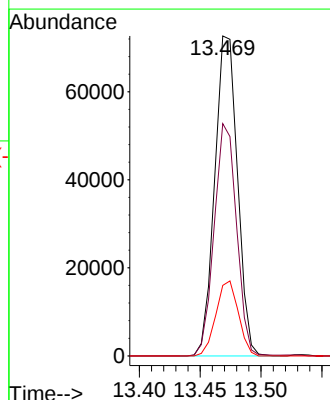
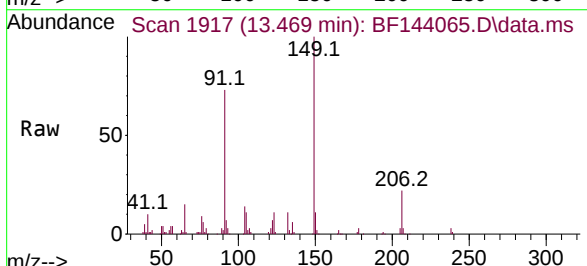
Tgt Ion:149 Resp: 94583

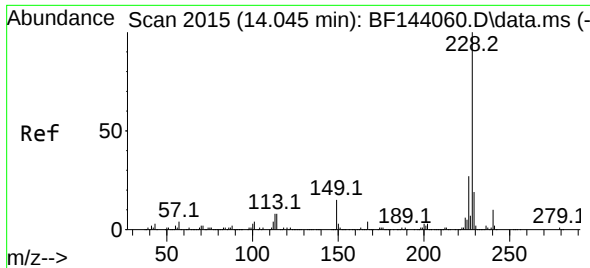
Ion Ratio Lower Upper

149 100

91 72.6 56.6 84.8

206 22.0 18.3 27.5

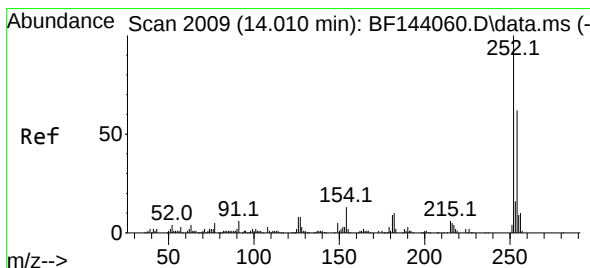
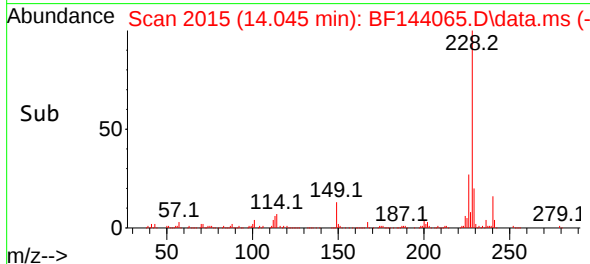
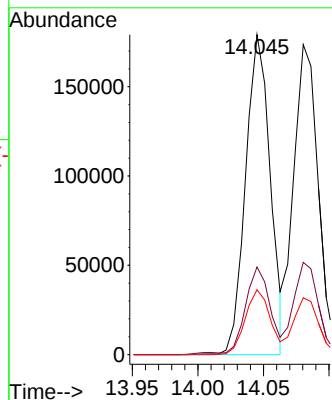
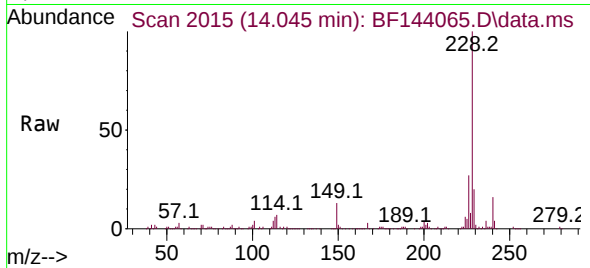




#81
Benzo(a)anthracene
Concen: 35.620 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

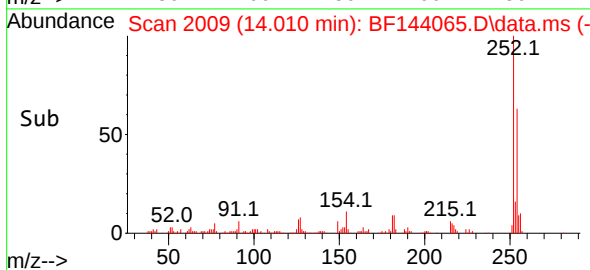
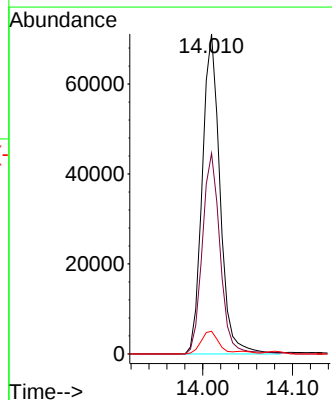
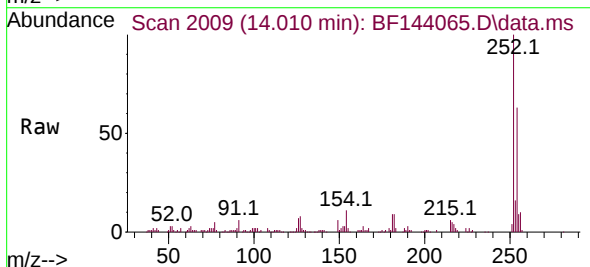
Instrument :
BNA_F
ClientSampleId :
ICVBF102425

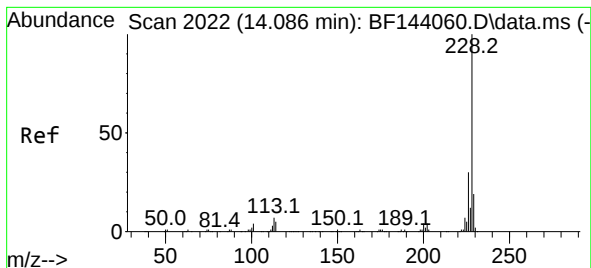
Tgt Ion:228 Resp: 234218
Ion Ratio Lower Upper
228 100
226 27.4 21.4 32.2
229 20.3 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 42.643 ng
RT: 14.010 min Scan# 2009
Delta R.T. 0.000 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:252 Resp: 97608
Ion Ratio Lower Upper
252 100
254 62.7 49.9 74.9
126 7.1 6.5 9.7





#83

Chrysene

Concen: 36.371 ng

RT: 14.080 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

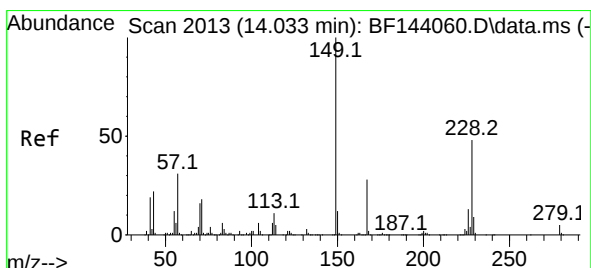
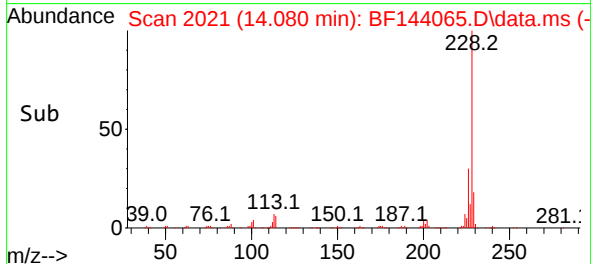
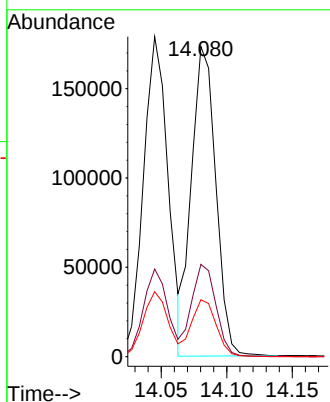
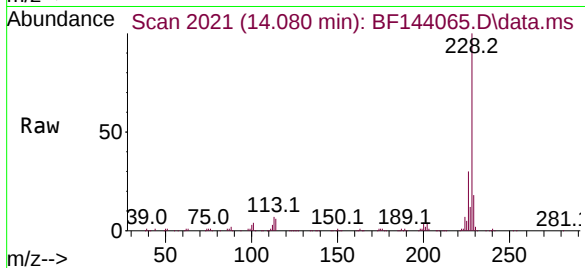
Tgt Ion:228 Resp: 224422

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 18.4 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.110 ng

RT: 14.033 min Scan# 2013

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

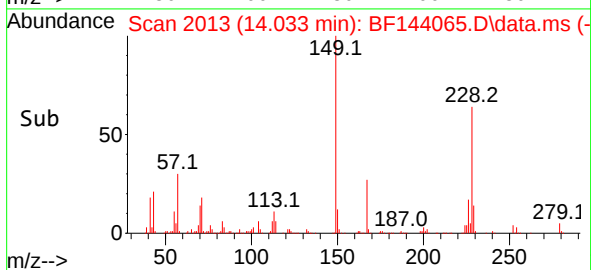
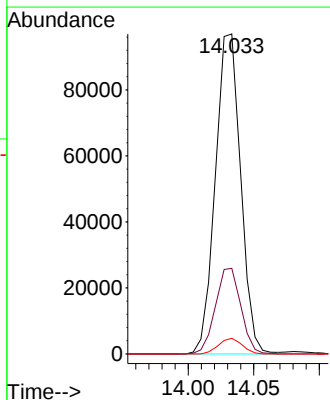
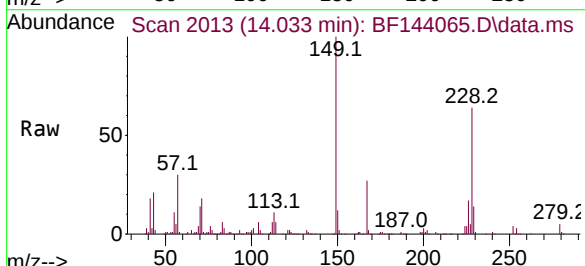
Tgt Ion:149 Resp: 130456

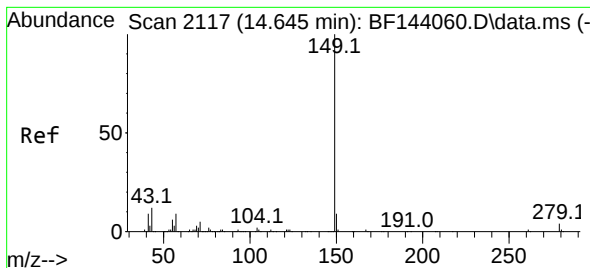
Ion Ratio Lower Upper

149 100

167 26.7 22.5 33.7

279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 35.142 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

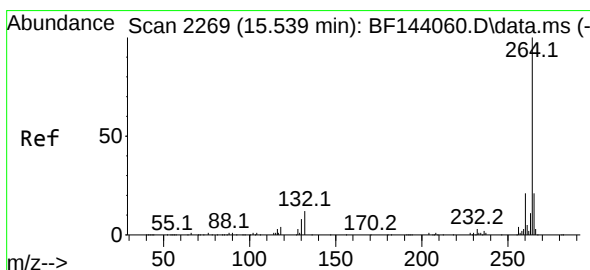
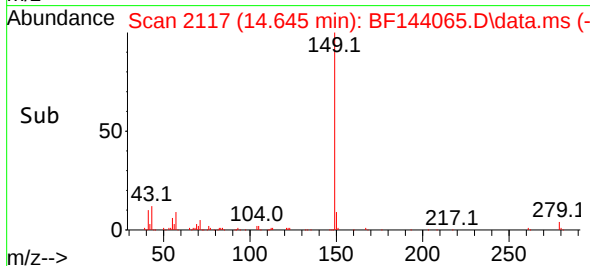
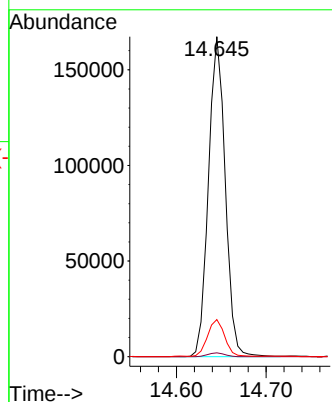
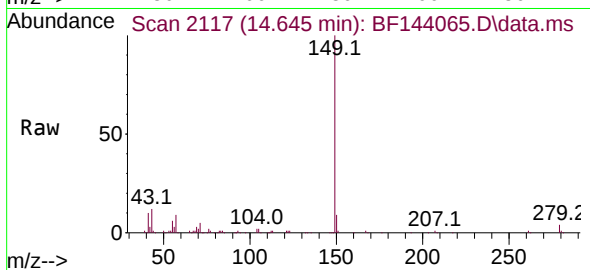
Tgt Ion:149 Resp: 218335

Ion Ratio Lower Upper

149 100

167 1.2 1.2 1.8#

43 12.0 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

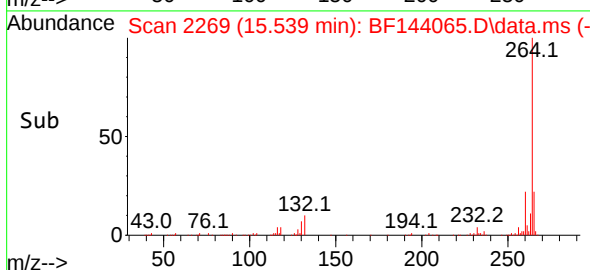
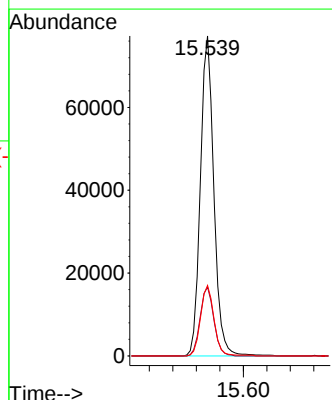
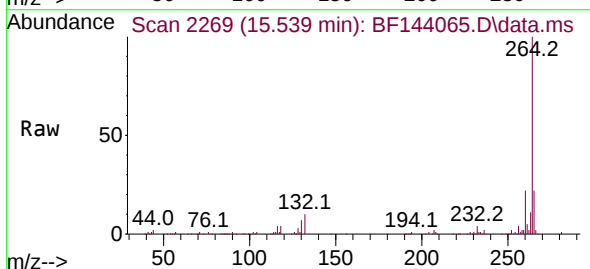
Tgt Ion:264 Resp: 122912

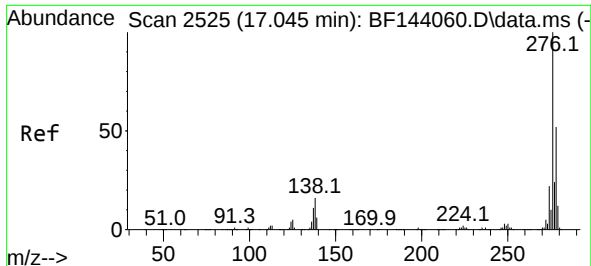
Ion Ratio Lower Upper

264 100

260 21.5 17.0 25.4

265 22.0 16.6 24.8

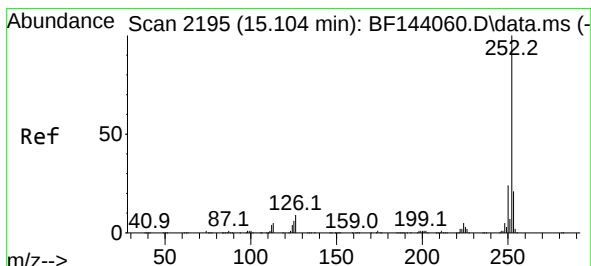
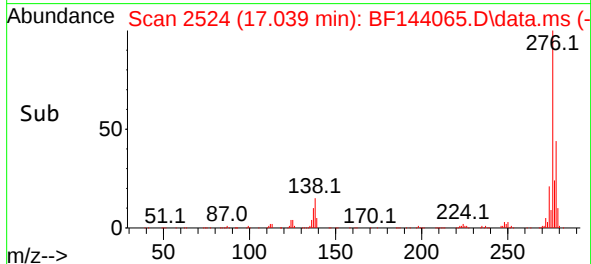
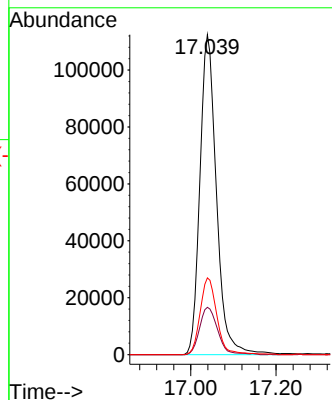
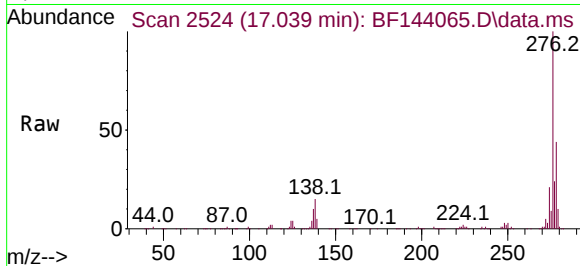




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 35.856 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF144065.D
 Acq: 24 Oct 2025 17:22

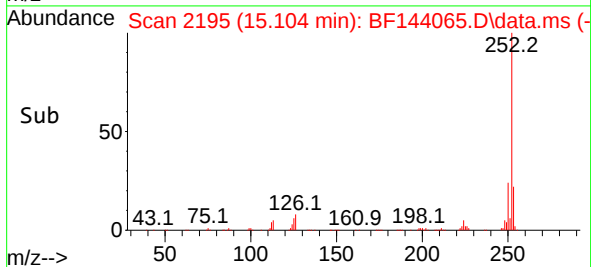
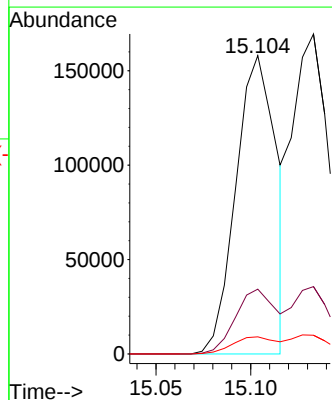
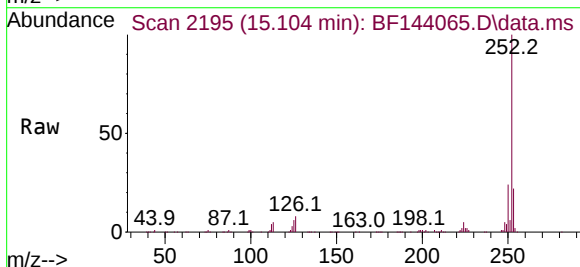
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102425

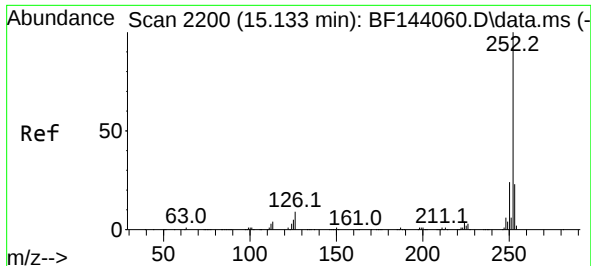
Tgt Ion:276 Resp: 302575
 Ion Ratio Lower Upper
 276 100
 138 16.0 13.0 19.6
 277 24.4 19.4 29.0



#88
 Benzo(b)fluoranthene
 Concen: 33.715 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BF144065.D
 Acq: 24 Oct 2025 17:22

Tgt Ion:252 Resp: 234274
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.2 25.8
 125 5.7 5.0 7.6





#89

Benzo(k)fluoranthene

Concen: 37.516 ng

RT: 15.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

Instrument :

BNA_F

ClientSampleId :

ICVBF102425

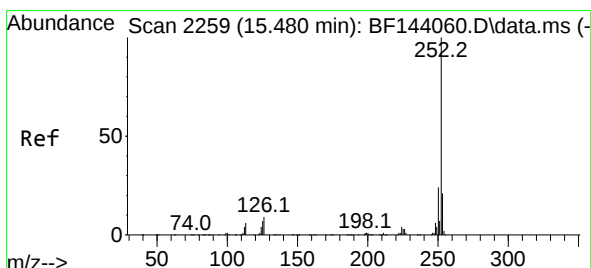
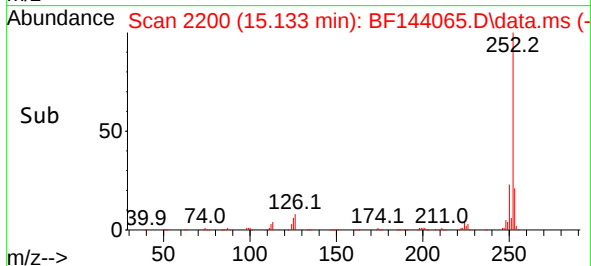
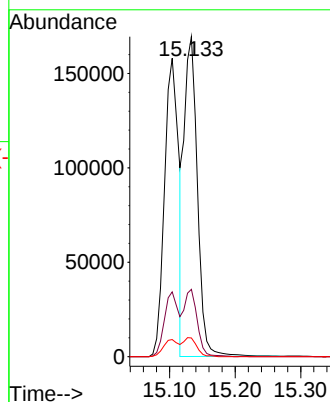
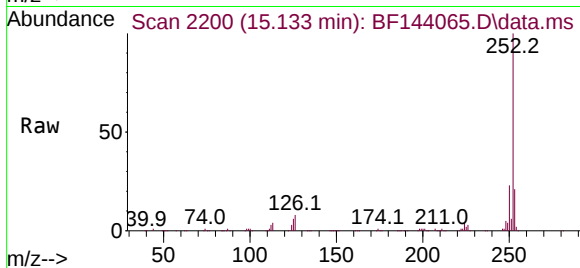
Tgt Ion:252 Resp: 240517

Ion Ratio Lower Upper

252 100

253 21.0 17.4 26.2

125 5.8 4.9 7.3



#90

Benzo(a)pyrene

Concen: 36.773 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF144065.D

Acq: 24 Oct 2025 17:22

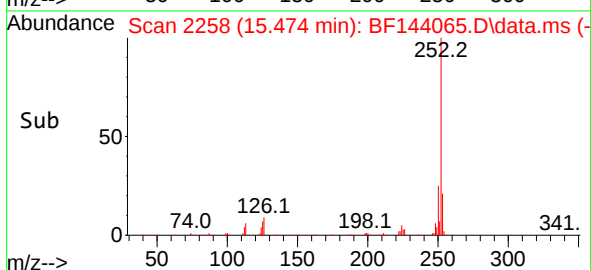
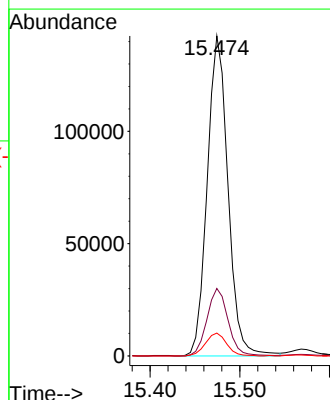
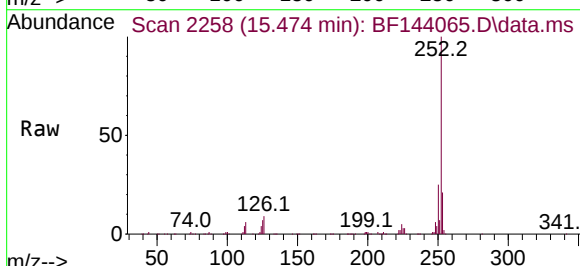
Tgt Ion:252 Resp: 229237

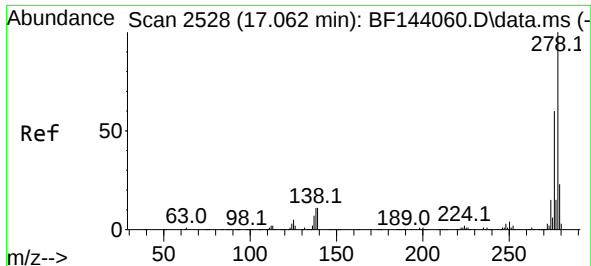
Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

125 7.1 5.4 8.2

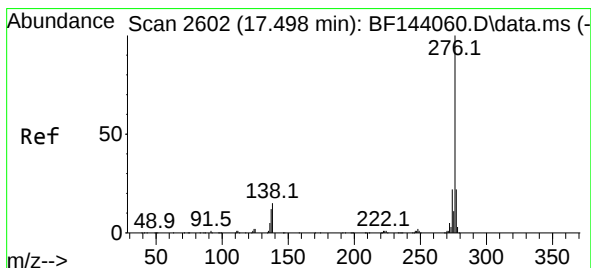
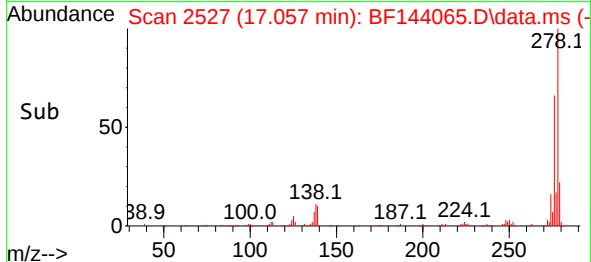
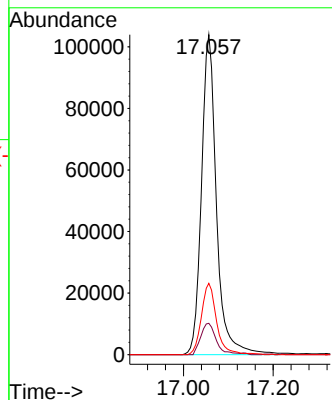
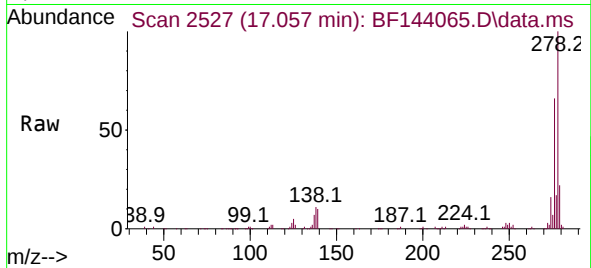




#91
Dibenzo(a,h)anthracene
Concen: 36.012 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Instrument :
BNA_F
ClientSampleId :
ICVBF102425

Tgt Ion:278 Resp: 240551
Ion Ratio Lower Upper
278 100
139 9.8 8.5 12.7
279 22.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 36.942 ng
RT: 17.492 min Scan# 2601
Delta R.T. -0.006 min
Lab File: BF144065.D
Acq: 24 Oct 2025 17:22

Tgt Ion:276 Resp: 248094
Ion Ratio Lower Upper
276 100
277 22.3 17.9 26.9
138 13.5 12.0 18.0

