

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144400.D
 Acq On : 02 Dec 2025 13:47
 Operator : RC/JU
 Sample : PB170788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

Quant Time: Dec 02 14:11:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	51216	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	193088	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	100931	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	153120	20.000	ng	0.00
76) Chrysene-d12	14.045	240	113296	20.000	ng	0.00
86) Perylene-d12	15.527	264	148082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	367741	112.361	ng	0.00
7) Phenol-d6	6.498	99	416037	112.188	ng	0.00
23) Nitrobenzene-d5	7.428	82	256486	76.718	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	136199	107.534	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	536756	78.544	ng	0.00
79) Terphenyl-d14	12.980	244	502268	70.418	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	55163	40.768	ng	99
3) Pyridine	3.440	79	132879	35.200	ng	97
4) n-Nitrosodimethylamine	3.381	42	79627	40.382	ng	92
6) Aniline	6.528	93	155031	29.342	ng	# 87
8) 2-Chlorophenol	6.651	128	132810	41.378	ng	99
9) Benzaldehyde	6.416	77	74384	35.521	ng	99
10) Phenol	6.516	94	177641	39.207	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	140616	42.592	ng	99
12) 1,3-Dichlorobenzene	6.804	146	166978	42.160	ng	96
13) 1,4-Dichlorobenzene	6.881	146	168861	42.557	ng	99
14) 1,2-Dichlorobenzene	7.034	146	159595	41.964	ng	97
15) Benzyl Alcohol	7.010	79	119976	40.858	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	258699	42.551	ng	87
17) 2-Methylphenol	7.122	107	105788	41.430	ng	97
18) Hexachloroethane	7.375	117	53973	40.943	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	95836	39.257	ng	98
20) 3+4-Methylphenols	7.275	107	124102	41.230	ng	# 90
22) Acetophenone	7.275	105	185704	44.833	ng	99
24) Nitrobenzene	7.445	77	148786	40.988	ng	97
25) Isophorone	7.686	82	258638	40.899	ng	98
26) 2-Nitrophenol	7.763	139	78604	43.744	ng	94
27) 2,4-Dimethylphenol	7.798	122	119456	44.354	ng	100
28) bis(2-Chloroethoxy)met...	7.892	93	164348	41.618	ng	97
29) 2,4-Dichlorophenol	8.010	162	125741	40.507	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	134106	42.072	ng	97
31) Naphthalene	8.169	128	375920	40.928	ng	99
32) Benzoic acid	7.928	122	85514	43.316	ng	91
33) 4-Chloroaniline	8.216	127	77731	23.204	ng	98
34) Hexachlorobutadiene	8.281	225	93332	38.852	ng	98
35) Caprolactam	8.586	113	34252	40.276	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	109105	39.219	ng	97
37) 2-Methylnaphthalene	8.857	142	230014	37.455	ng	99
38) 1-Methylnaphthalene	8.957	142	229573	38.744	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	153466	46.395	ng	99
41) Hexachlorocyclopentadiene	9.010	237	94334	74.926	ng	95
43) 2,4,6-Trichlorophenol	9.139	196	90852	40.354	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120225\
 Data File : BF144400.D
 Acq On : 02 Dec 2025 13:47
 Operator : RC/JU
 Sample : PB170788BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

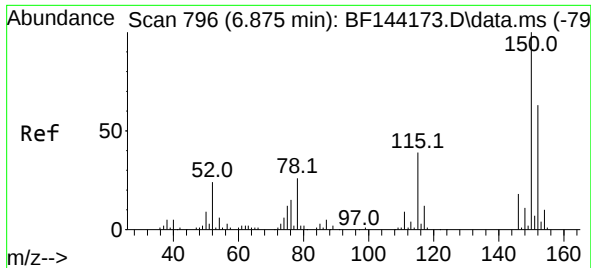
Quant Time: Dec 02 14:11:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	96164	39.631	ng	99
46) 1,1'-Biphenyl	9.322	154	332500	47.195	ng	100
47) 2-Chloronaphthalene	9.351	162	250353	41.658	ng	99
48) 2-Nitroaniline	9.451	65	72362	41.731	ng	93
49) Acenaphthylene	9.769	152	376291	45.947	ng	100
50) Dimethylphthalate	9.622	163	273282	40.871	ng	99
51) 2,6-Dinitrotoluene	9.692	165	59023	43.606	ng	93
52) Acenaphthene	9.939	154	205769	37.573	ng	98
53) 3-Nitroaniline	9.863	138	41985	28.375	ng	97
54) 2,4-Dinitrophenol	9.975	184	58386	71.433	ng	96
55) Dibenzofuran	10.110	168	316765	41.299	ng	99
56) 4-Nitrophenol	10.033	139	62336	58.240	ng	96
57) 2,4-Dinitrotoluene	10.098	165	74778	41.268	ng	99
58) Fluorene	10.457	166	242704	41.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	70098	40.832	ng	97
60) Diethylphthalate	10.322	149	240114	38.955	ng	99
61) 4-Chlorophenyl-phenylether	10.445	204	129013	38.838	ng	99
62) 4-Nitroaniline	10.474	138	50485	35.828	ng	94
63) Azobenzene	10.604	77	235874	41.117	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	41705	40.093	ng	96
66) n-Nitrosodiphenylamine	10.563	169	227331	46.161	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	82603	42.264	ng	98
68) Hexachlorobenzene	11.004	284	98295	42.699	ng	98
69) Atrazine	11.092	200	68071	43.463	ng	99
70) Pentachlorophenol	11.204	266	89009	77.646	ng	97
71) Phenanthrene	11.421	178	330515	43.354	ng	99
72) Anthracene	11.474	178	338999	43.731	ng	98
73) Carbazole	11.627	167	284749	43.198	ng	99
74) Di-n-butylphthalate	11.951	149	330204	41.438	ng	99
75) Fluoranthene	12.616	202	332127	42.174	ng	99
77) Benzidine	12.739	184	74650	22.275	ng	99
78) Pyrene	12.845	202	338288	37.032	ng	99
80) Butylbenzylphthalate	13.457	149	127808	40.368	ng	97
81) Benzo(a)anthracene	14.039	228	350689	44.661	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	96247	35.759	ng	97
83) Chrysene	14.074	228	307309	42.395	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	178241	41.125	ng	98
85) Di-n-octyl phthalate	14.627	149	336830	45.044	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	459390	43.217	ng	98
88) Benzo(b)fluoranthene	15.098	252	388511	46.148	ng	100
89) Benzo(k)fluoranthene	15.127	252	371860	47.191	ng	98
90) Benzo(a)pyrene	15.468	252	379539	48.868	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	379182	44.417	ng	100
92) Benzo(g,h,i)perylene	17.498	276	382162	45.332	ng	98

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

Quant Time: Dec 02 14:11:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

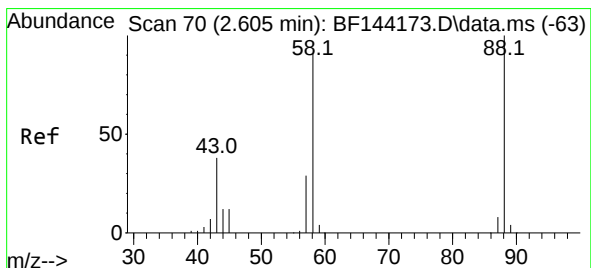
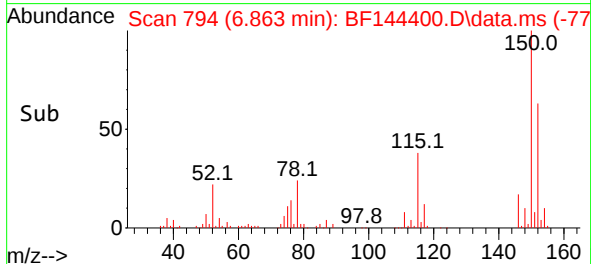
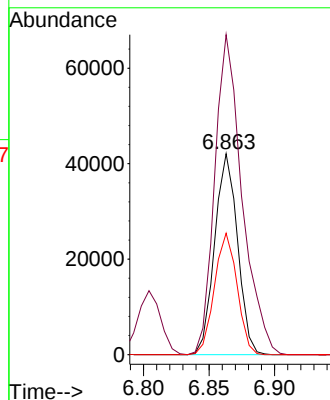
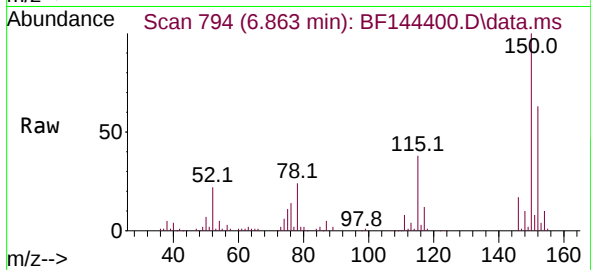




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

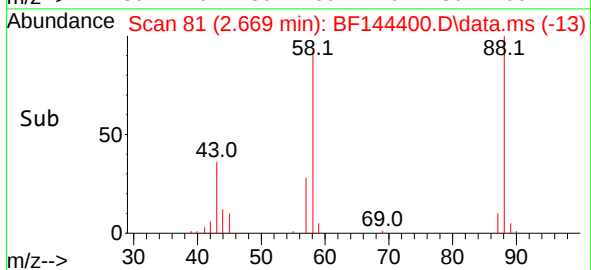
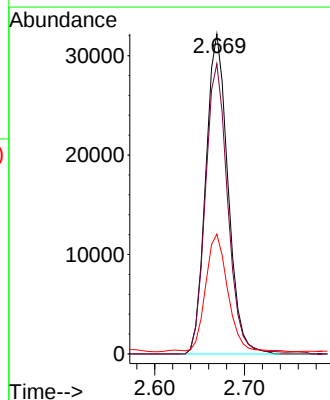
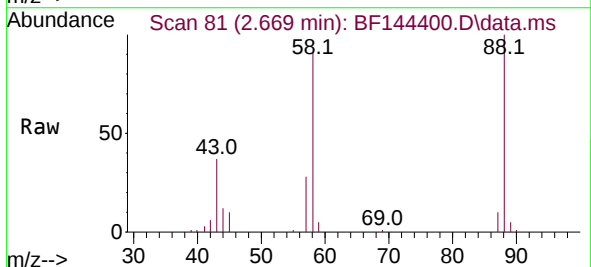
Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

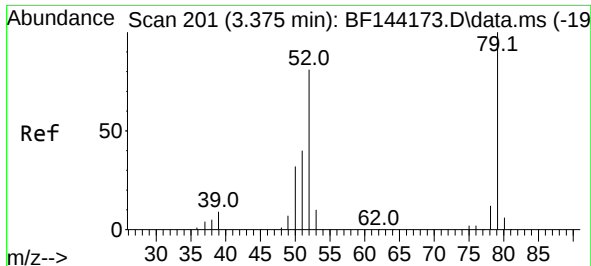
Tgt Ion:152 Resp: 51216
 Ion Ratio Lower Upper
 152 100
 150 159.3 127.4 191.0
 115 60.4 49.5 74.3



#2
 1,4-Dioxane
 Concen: 40.768 ng
 RT: 2.669 min Scan# 81
 Delta R.T. 0.053 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

Tgt Ion: 88 Resp: 55163
 Ion Ratio Lower Upper
 88 100
 58 91.4 73.1 109.7
 43 36.8 31.0 46.6

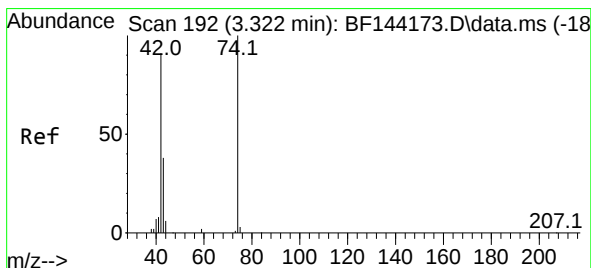
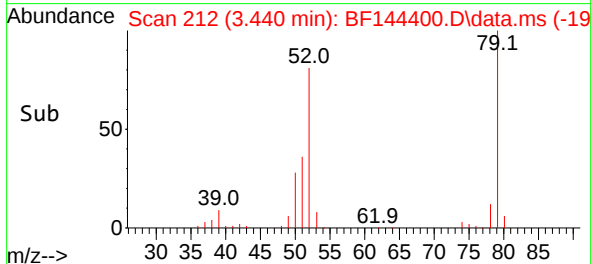
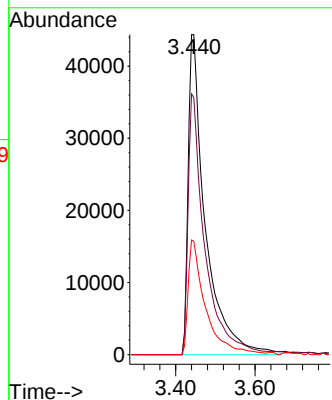
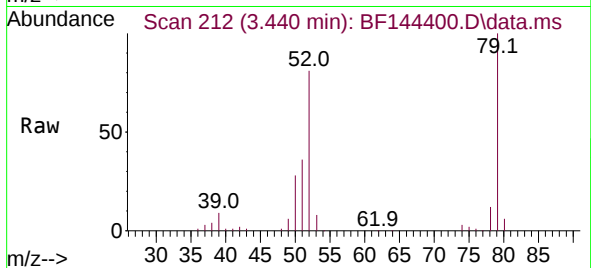




#3
Pyridine
Concen: 35.200 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

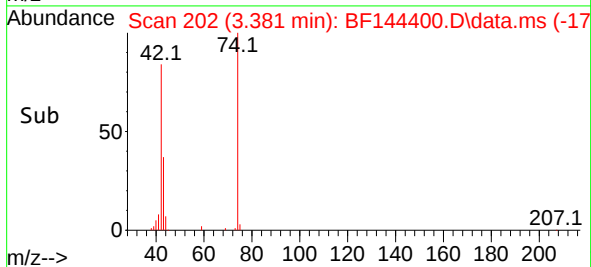
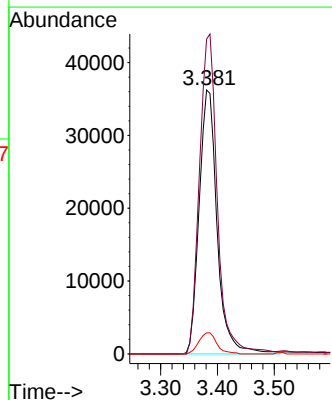
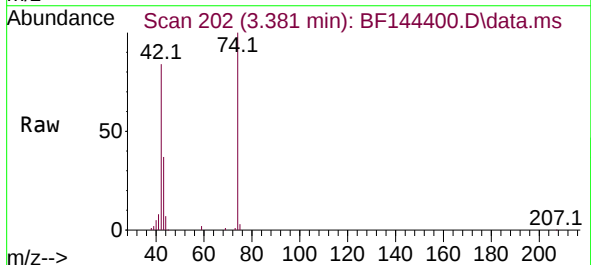
Instrument :
BNA_F
ClientSampleId :
PB170788BS

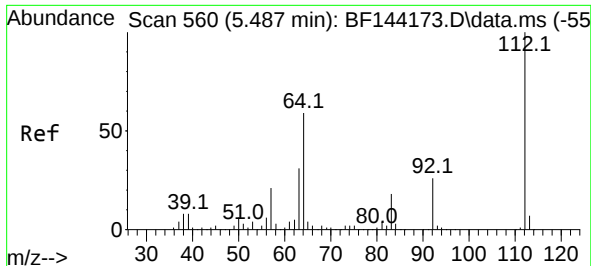
Tgt Ion: 79 Resp: 132879
Ion Ratio Lower Upper
79 100
52 81.5 64.5 96.7
51 35.8 31.7 47.5



#4
n-Nitrosodimethylamine
Concen: 40.382 ng
RT: 3.381 min Scan# 202
Delta R.T. 0.035 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 42 Resp: 79627
Ion Ratio Lower Upper
42 100
74 119.3 88.2 132.4
44 8.0 5.7 8.5

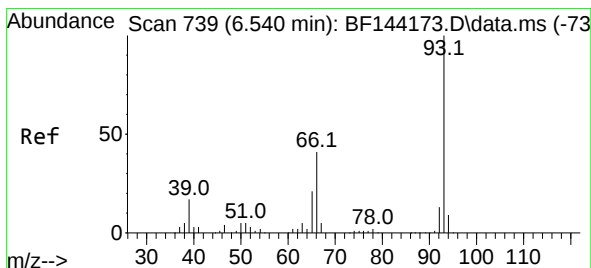
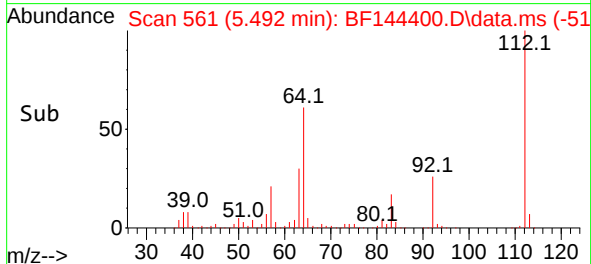
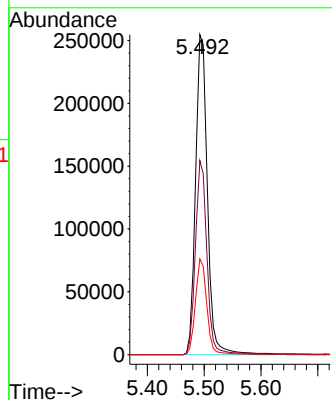
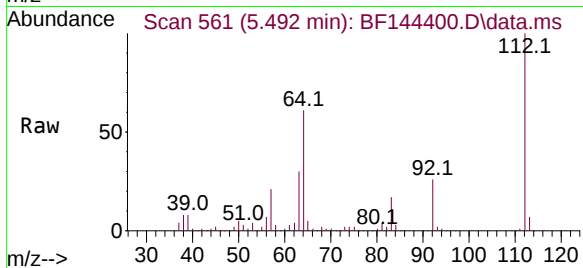




#5
2-Fluorophenol
Concen: 112.361 ng
RT: 5.492 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

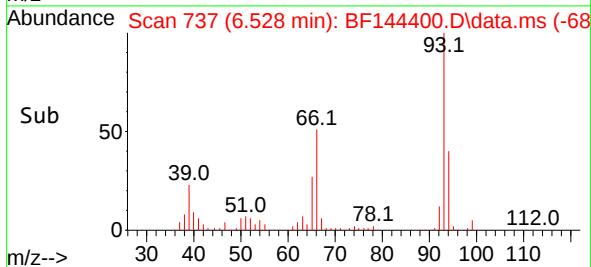
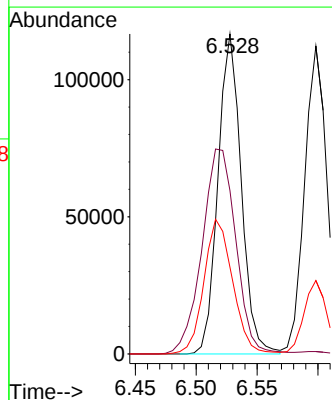
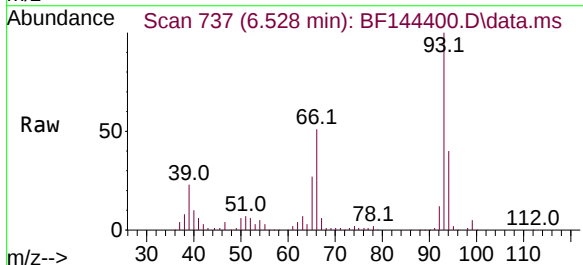
Instrument :
BNA_F
ClientSampleId :
PB170788BS

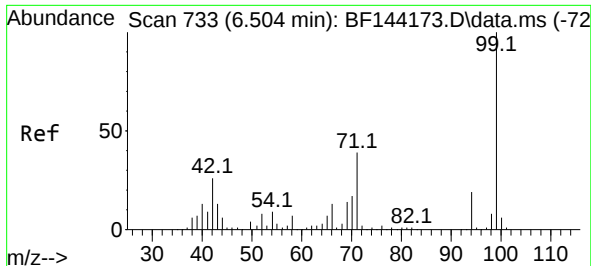
Tgt Ion:112 Resp: 367741
Ion Ratio Lower Upper
112 100
64 60.6 47.2 70.8
63 29.8 24.4 36.6



#6
Aniline
Concen: 29.342 ng
RT: 6.528 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 93 Resp: 155031
Ion Ratio Lower Upper
93 100
66 51.0 34.3 51.5
65 27.1 16.9 25.3#

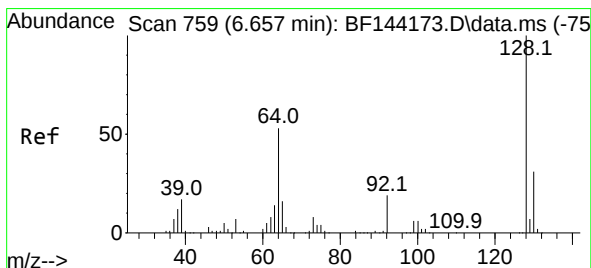
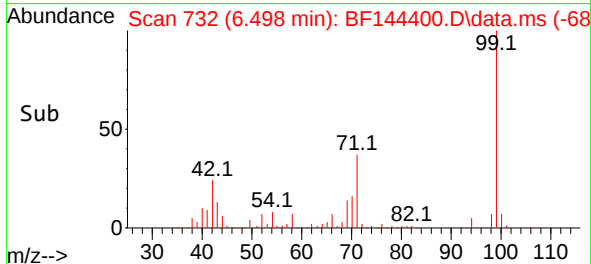
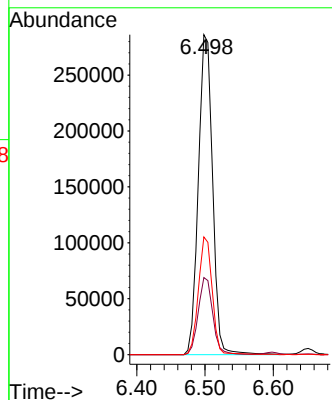
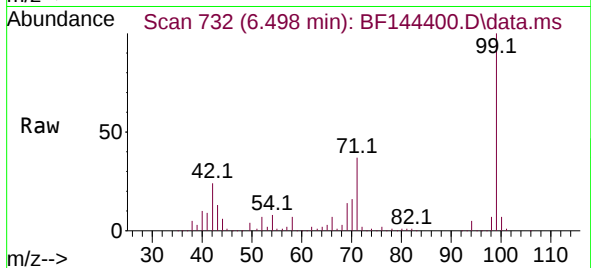




#7
Phenol-d6
Concen: 112.188 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

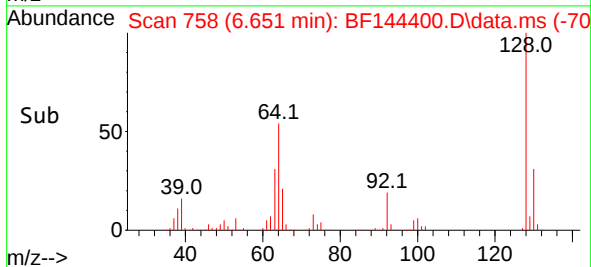
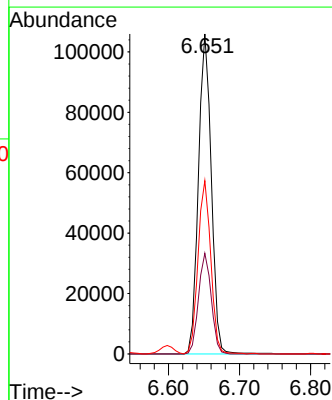
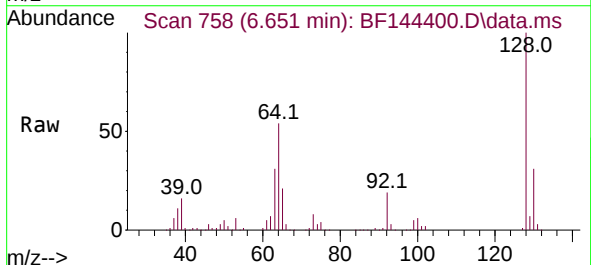
Instrument :
BNA_F
ClientSampleId :
PB170788BS

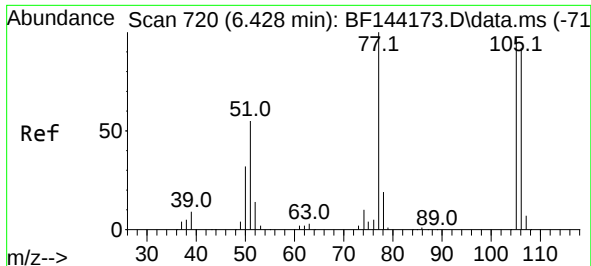
Tgt Ion: 99 Resp: 416037
Ion Ratio Lower Upper
99 100
42 24.1 20.9 31.3
71 36.8 31.4 47.2



#8
2-Chlorophenol
Concen: 41.378 ng
RT: 6.651 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:128 Resp: 132810
Ion Ratio Lower Upper
128 100
130 31.4 10.5 50.5
64 54.1 33.2 73.2

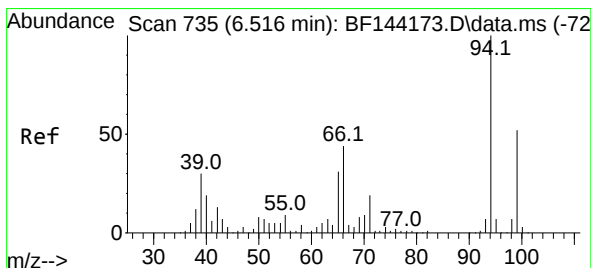
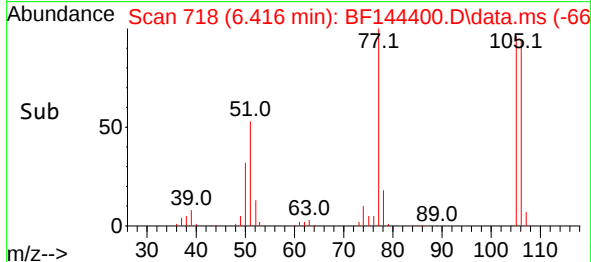
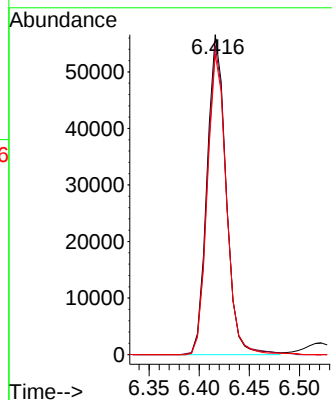
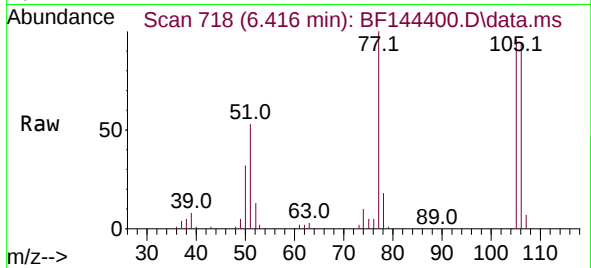




#9
Benzaldehyde
Concen: 35.521 ng
RT: 6.416 min Scan# 718
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

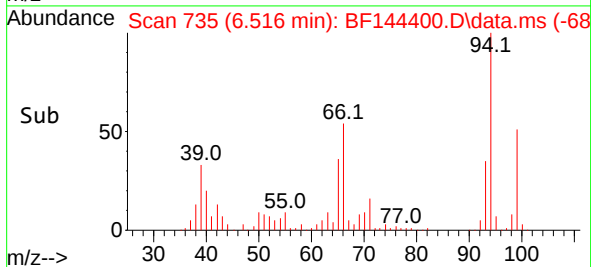
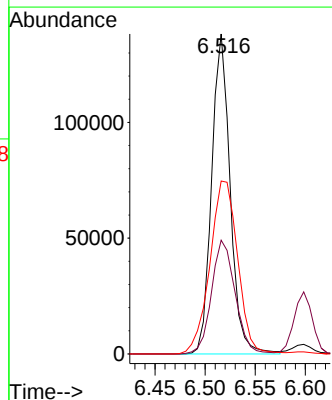
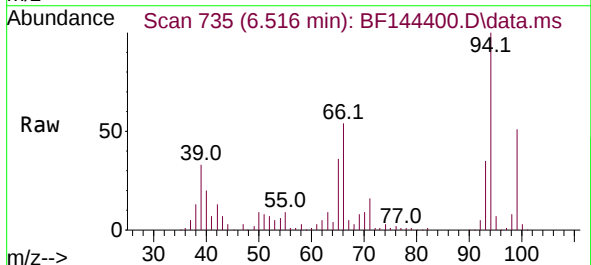
Instrument :
BNA_F
ClientSampleId :
PB170788BS

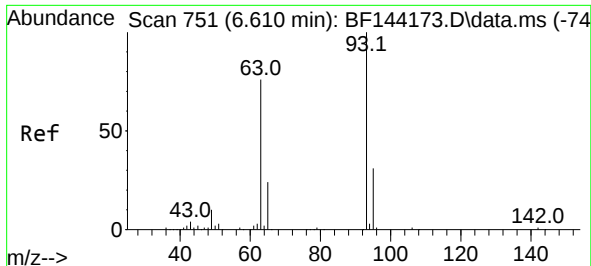
Tgt Ion: 77 Resp: 74384
Ion Ratio Lower Upper
77 100
105 96.4 77.2 117.2
106 93.9 72.2 112.2



#10
Phenol
Concen: 39.207 ng
RT: 6.516 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 94 Resp: 177641
Ion Ratio Lower Upper
94 100
65 35.5 10.8 50.8
66 54.0 24.3 64.3

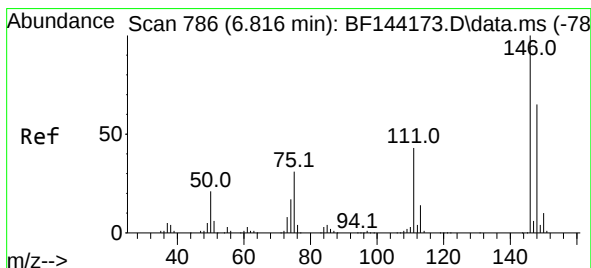
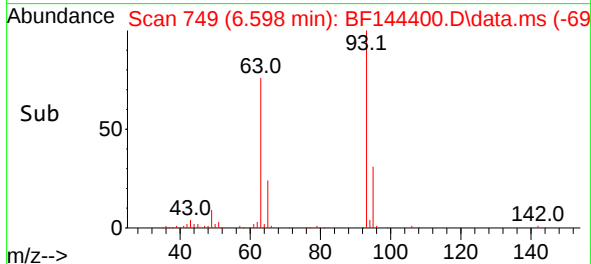
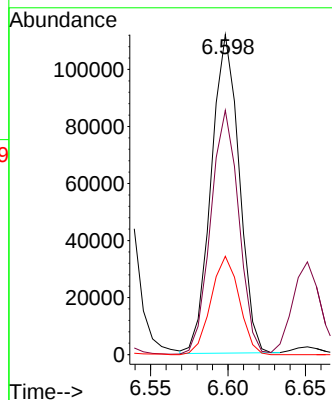
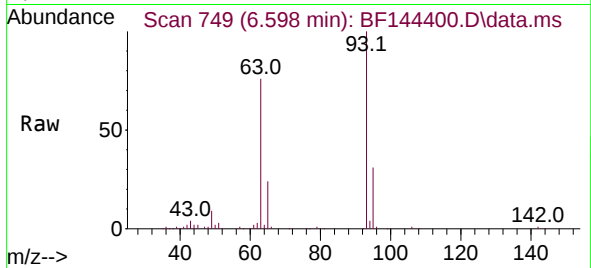




#11
bis(2-Chloroethyl)ether
Concen: 42.592 ng
RT: 6.598 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

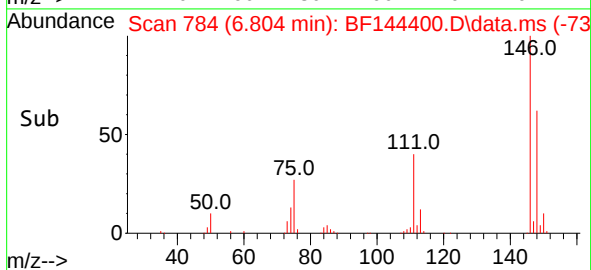
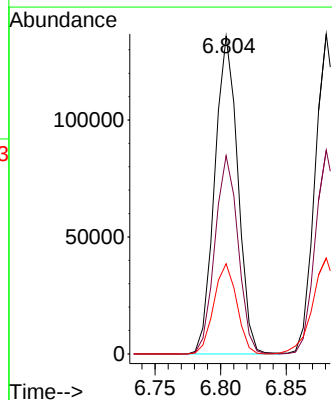
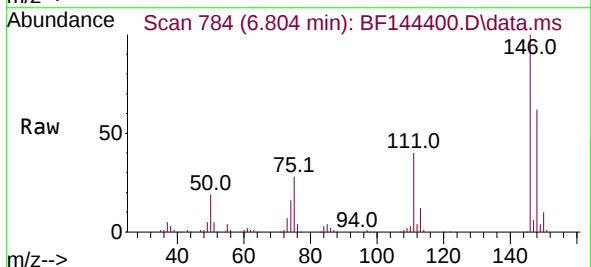
Instrument :
BNA_F
ClientSampleId :
PB170788BS

Tgt Ion: 93 Resp: 140616
Ion Ratio Lower Upper
93 100
63 76.3 55.2 95.2
95 30.7 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 42.160 ng
RT: 6.804 min Scan# 784
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:146 Resp: 166978
Ion Ratio Lower Upper
146 100
148 62.4 51.8 77.8
75 28.4 25.0 37.4

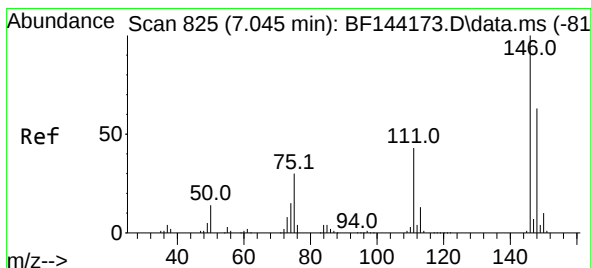
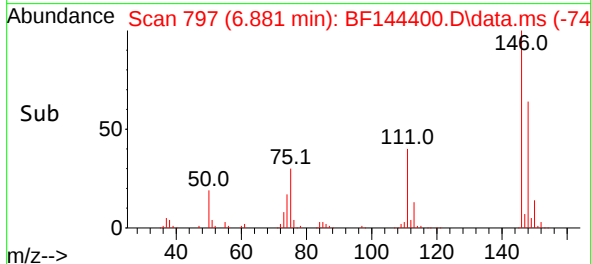
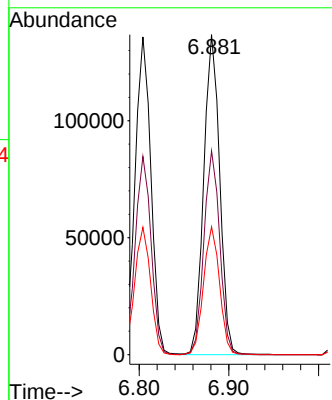
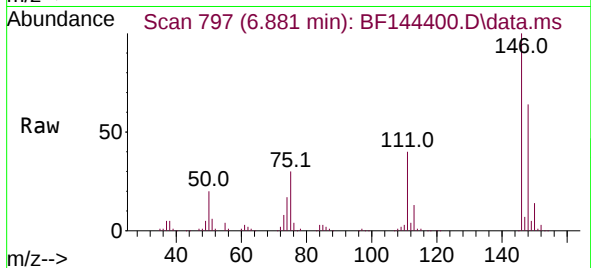




#13
1,4-Dichlorobenzene
Concen: 42.557 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

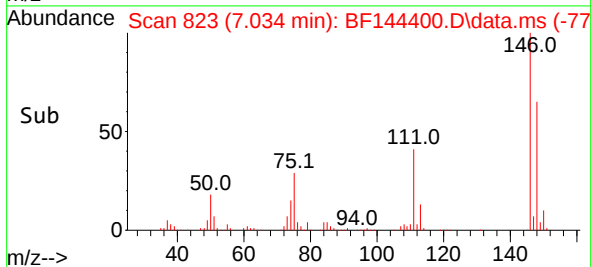
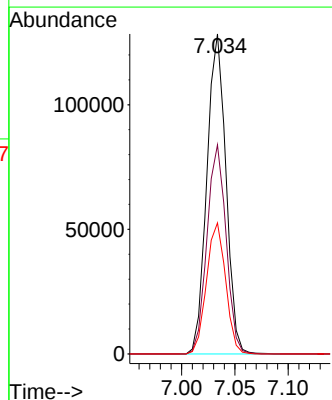
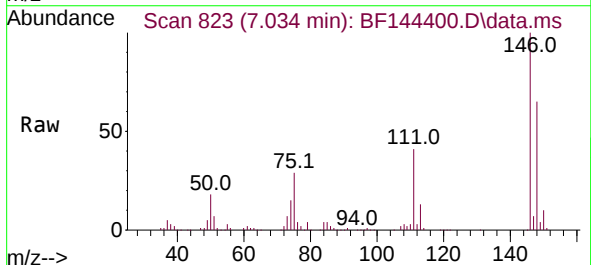
Instrument :
BNA_F
ClientSampleId :
PB170788BS

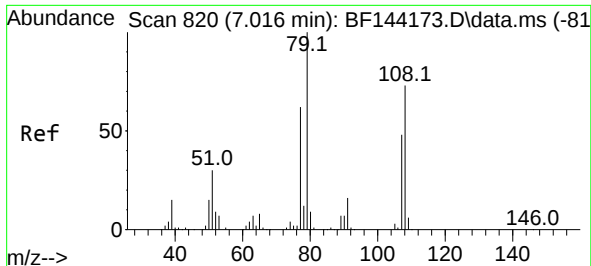
Tgt Ion:146 Resp: 168861
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 39.9 32.6 48.8



#14
1,2-Dichlorobenzene
Concen: 41.964 ng
RT: 7.034 min Scan# 823
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:146 Resp: 159595
Ion Ratio Lower Upper
146 100
148 65.4 50.7 76.1
111 41.0 34.2 51.4

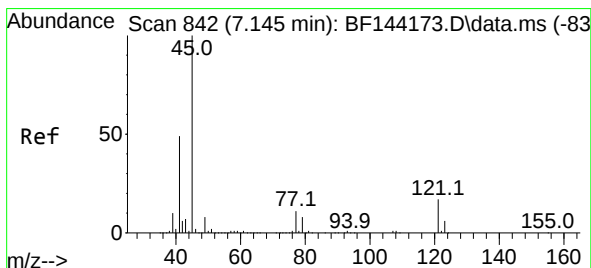
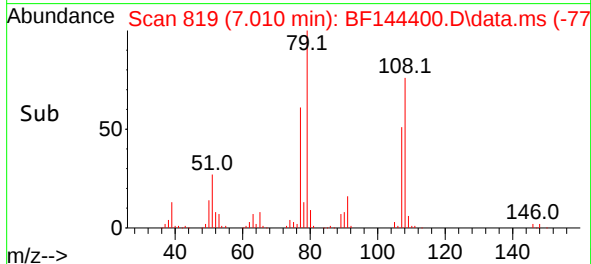
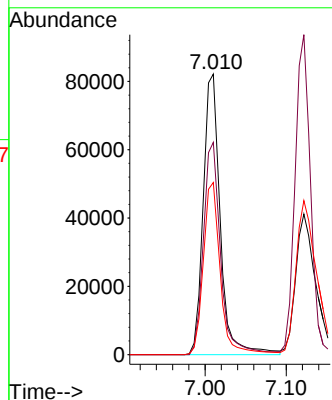
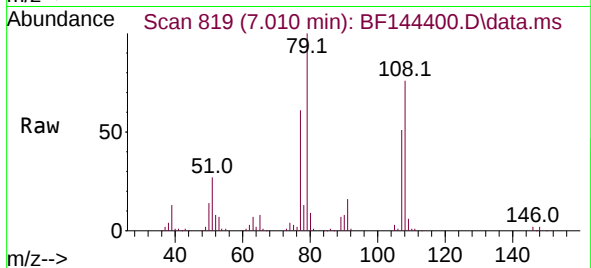




#15
Benzyl Alcohol
Concen: 40.858 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

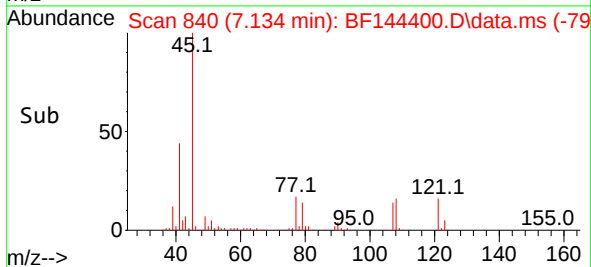
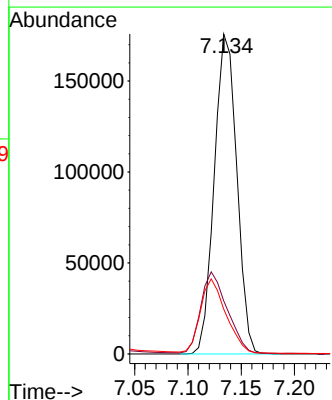
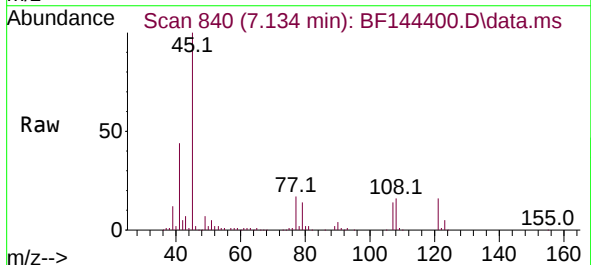
Instrument :
BNA_F
ClientSampleId :
PB170788BS

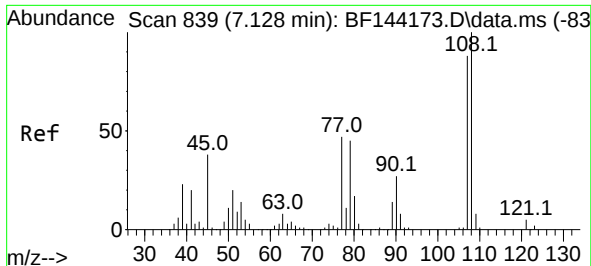
Tgt Ion: 79 Resp: 119976
Ion Ratio Lower Upper
79 100
108 75.6 58.2 87.4
77 61.3 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.551 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 45 Resp: 258699
Ion Ratio Lower Upper
45 100
77 16.6 0.0 31.8
79 14.0 0.0 29.1



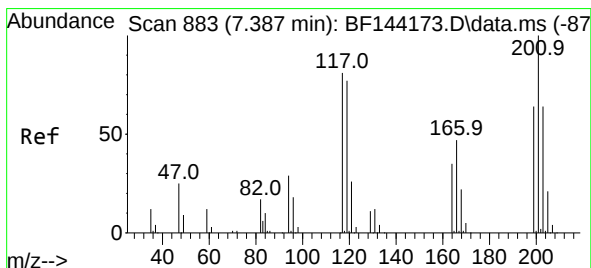
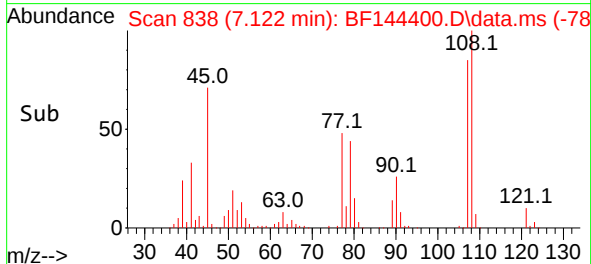
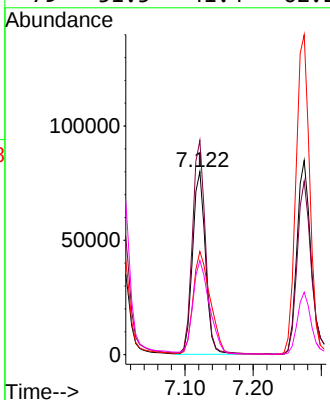
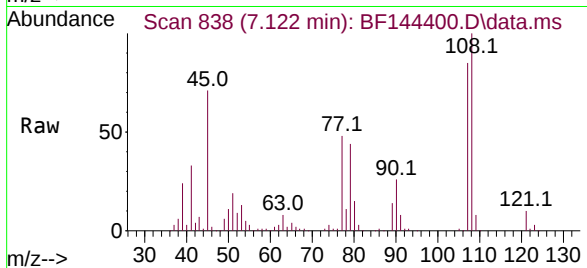


#17
2-Methylphenol
Concen: 41.430 ng
RT: 7.122 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Instrument :
BNA_F
ClientSampleId :
PB170788BS

Tgt Ion:107 Resp: 105788

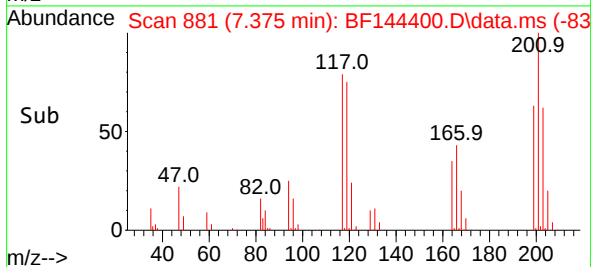
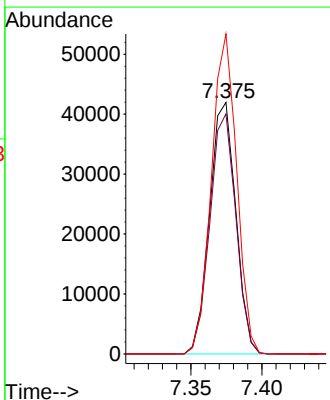
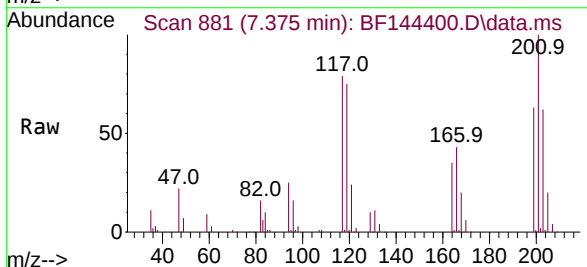
Ion	Ratio	Lower	Upper
107	100		
108	117.1	91.0	136.4
77	56.4	42.7	64.1
79	51.5	41.4	62.2



#18
Hexachloroethane
Concen: 40.943 ng
RT: 7.375 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:117 Resp: 53973

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.8	113.8
201	127.2	98.9	148.3

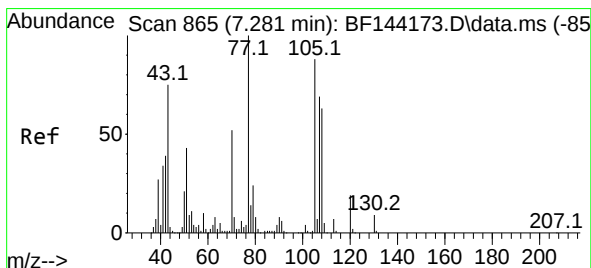
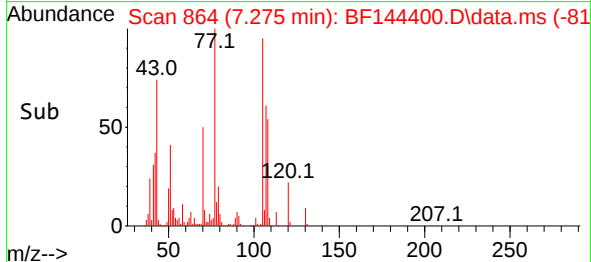
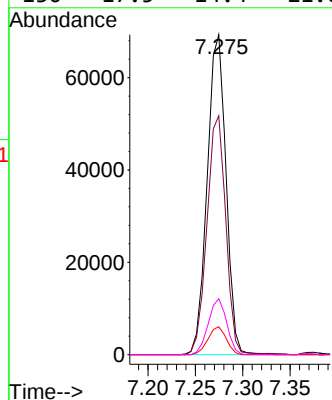
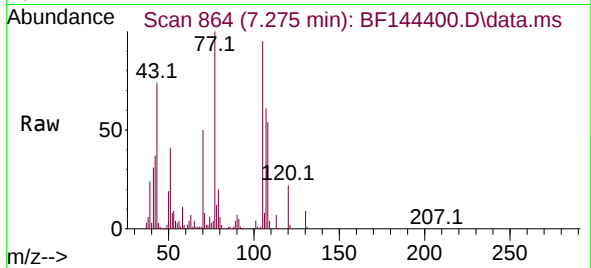




#19
n-Nitroso-di-n-propylamine
Concen: 39.257 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

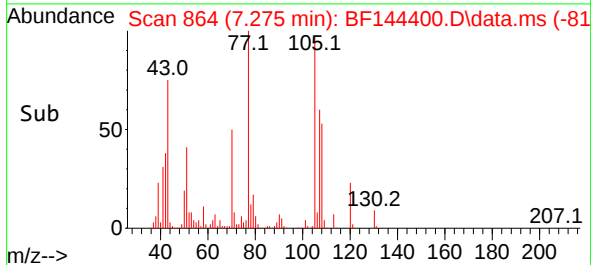
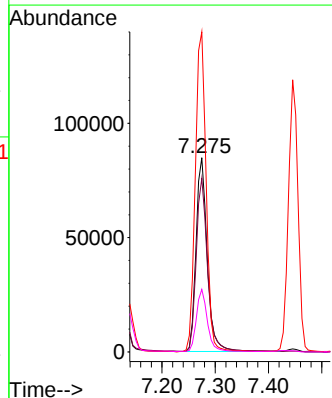
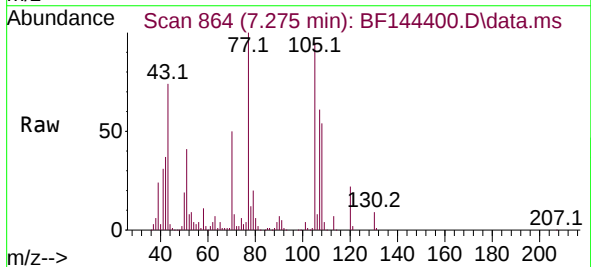
Instrument :
BNA_F
ClientSampleId :
PB170788BS

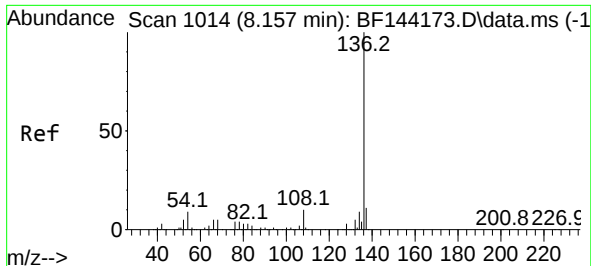
Tgt Ion:	70	Resp:	95836
Ion	Ratio	Lower	Upper
70	100		
42	74.7	58.3	87.5
101	8.7	7.0	10.6
130	17.5	14.4	21.6



#20
3+4-Methylphenols
Concen: 41.230 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:	107	Resp:	124102
Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.2	110.2
77	164.7	123.9	163.9#
79	32.1	14.2	54.2

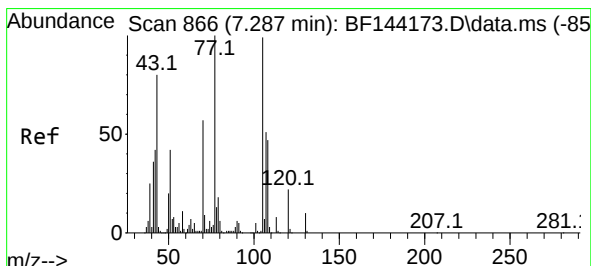
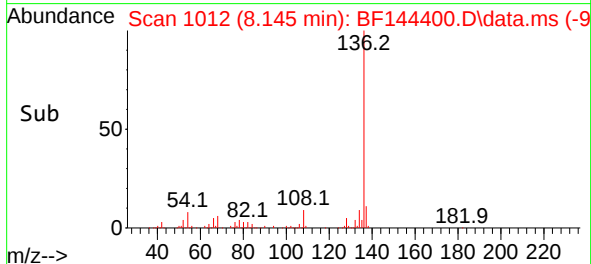
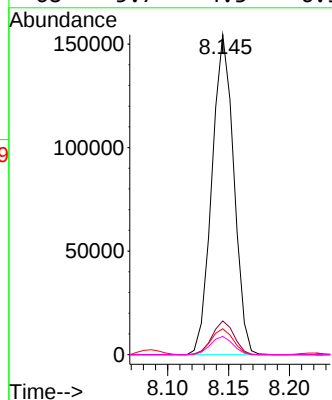
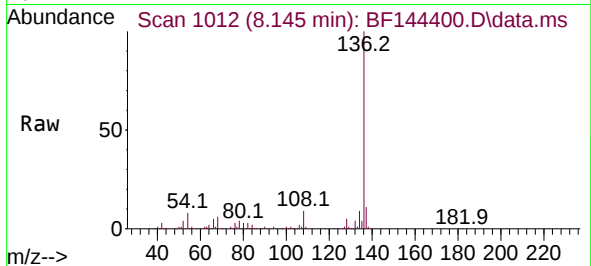




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

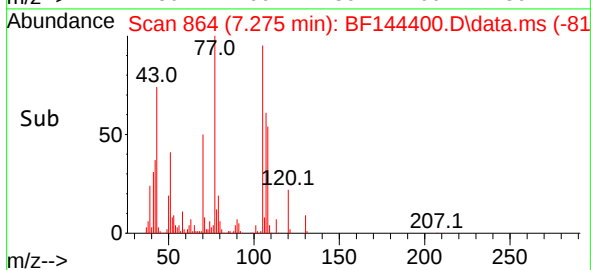
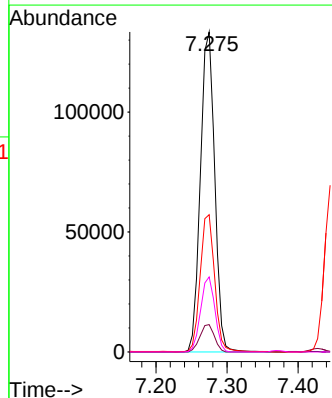
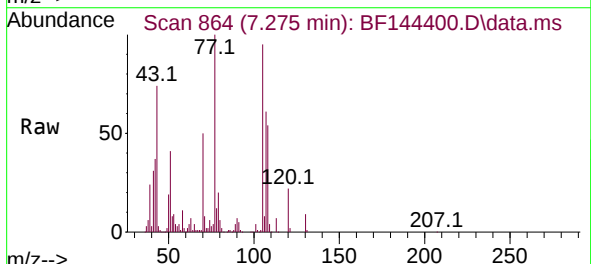
Instrument :
BNA_F
ClientSampleId :
PB170788BS

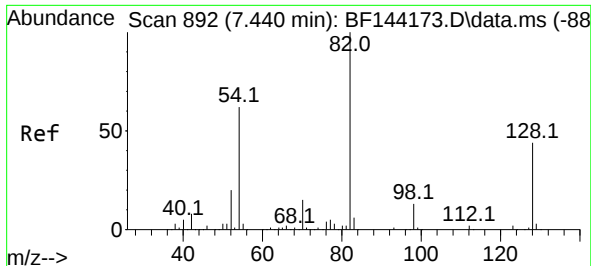
Tgt Ion:	136	Resp:	193088
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	8.1	7.0	10.6
68	5.7	4.3	6.5



#22
Acetophenone
Concen: 44.833 ng
RT: 7.275 min Scan# 864
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:	105	Resp:	185704
Ion Ratio	Lower	Upper	
105	100		
71	8.5	7.2	10.8
51	42.9	34.0	51.0
120	23.4	17.8	26.6





#23

Nitrobenzene-d5

Concen: 76.718 ng

RT: 7.428 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

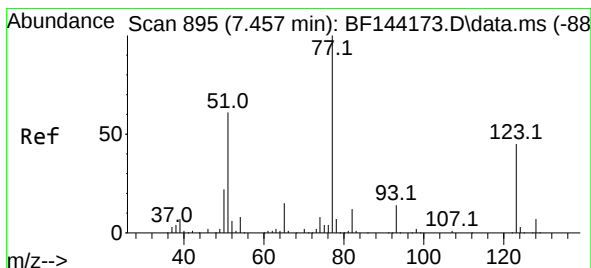
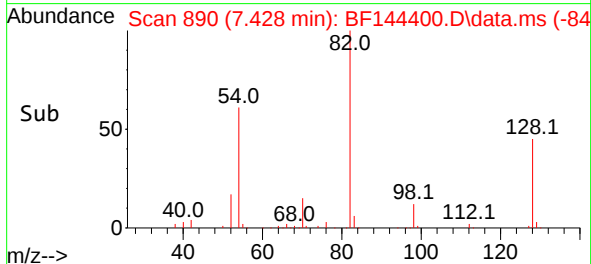
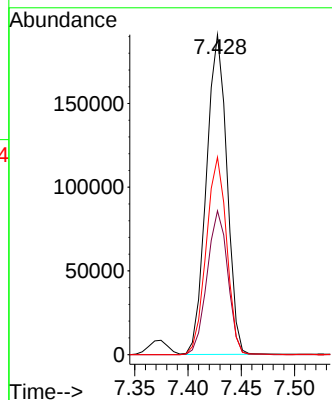
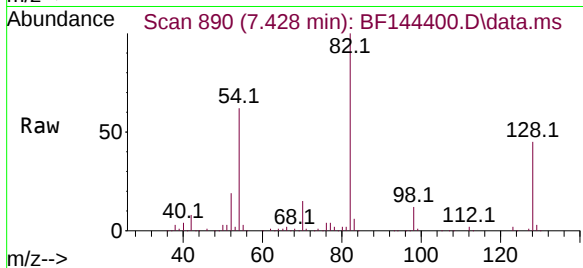
Tgt Ion: 82 Resp: 256486

Ion Ratio Lower Upper

82 100

128 44.9 34.7 52.1

54 61.7 49.5 74.3



#24

Nitrobenzene

Concen: 40.988 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

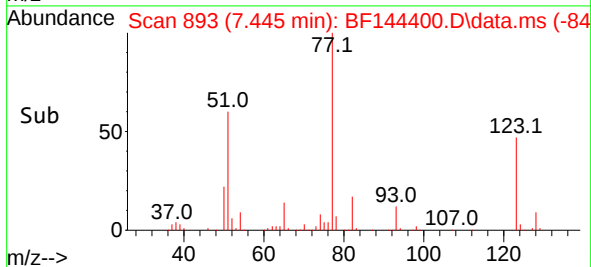
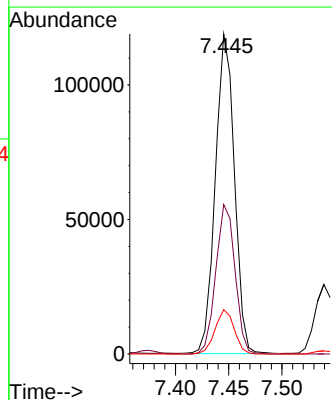
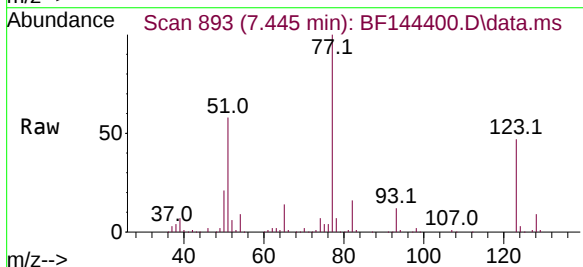
Tgt Ion: 77 Resp: 148786

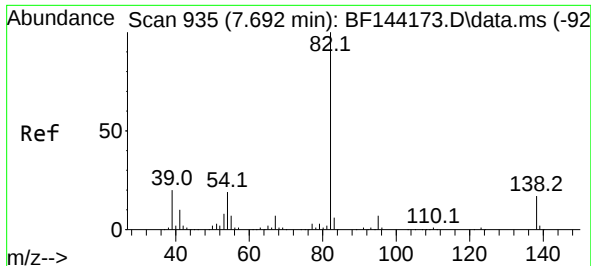
Ion Ratio Lower Upper

77 100

123 46.7 35.8 53.8

65 13.8 12.2 18.2

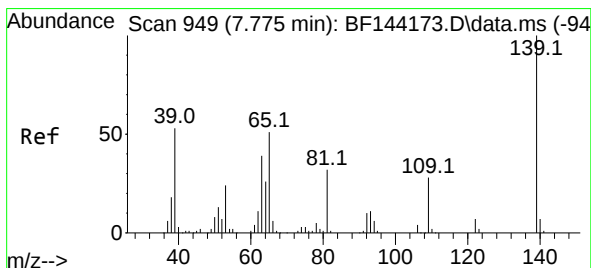
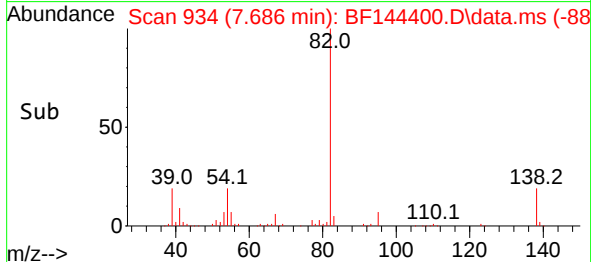
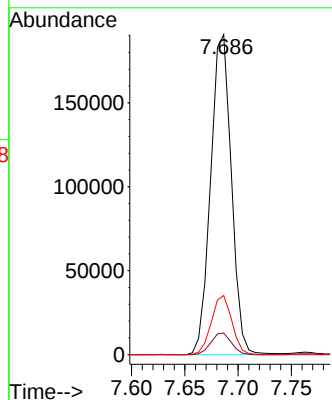
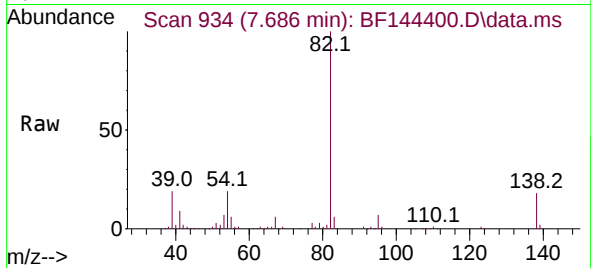




#25
Isophorone
Concen: 40.899 ng
RT: 7.686 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

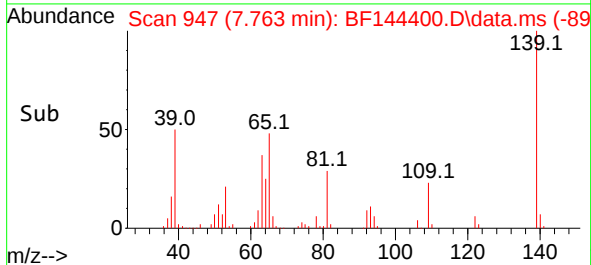
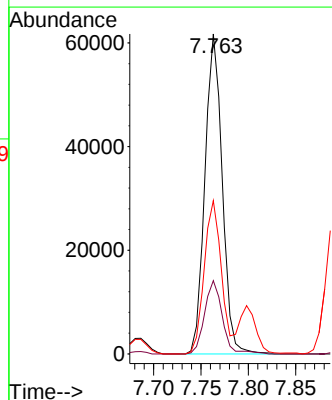
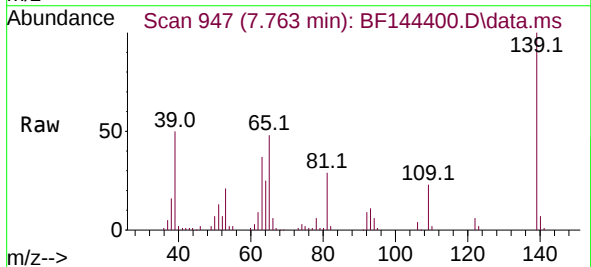
Instrument :
BNA_F
ClientSampleId :
PB170788BS

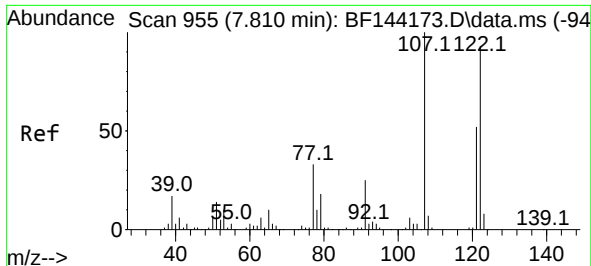
Tgt Ion: 82 Resp: 258638
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.5 13.7 20.5



#26
2-Nitrophenol
Concen: 43.744 ng
RT: 7.763 min Scan# 947
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 139 Resp: 78604
Ion Ratio Lower Upper
139 100
109 22.9 22.2 33.2
65 47.9 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 44.354 ng

RT: 7.798 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

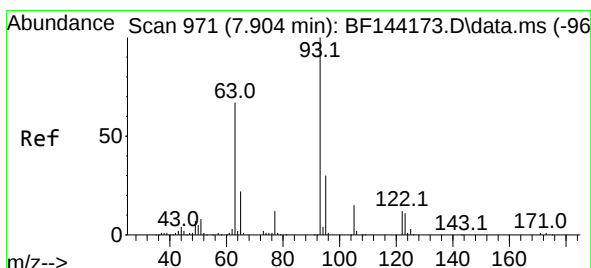
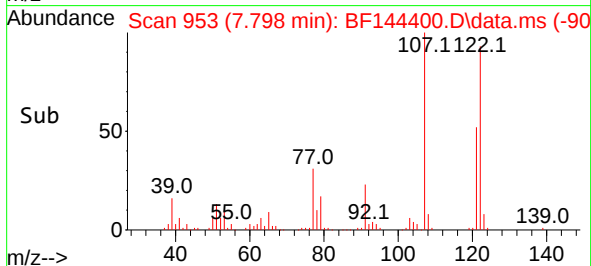
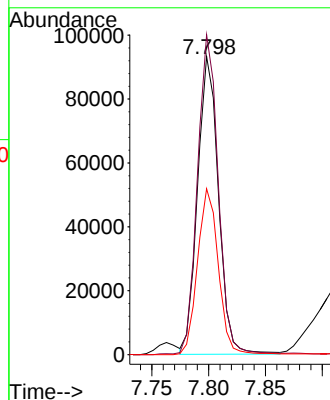
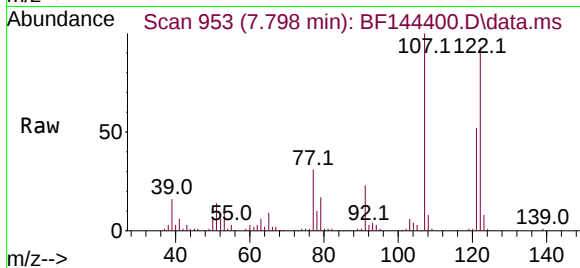
Tgt Ion:122 Resp: 119456

Ion Ratio Lower Upper

122 100

107 107.3 86.2 129.4

121 55.6 44.6 66.8



#28

bis(2-Chloroethoxy)methane

Concen: 41.618 ng

RT: 7.892 min Scan# 969

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

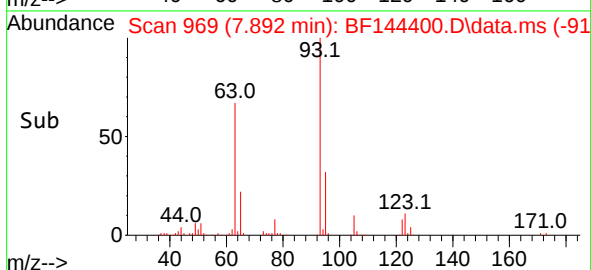
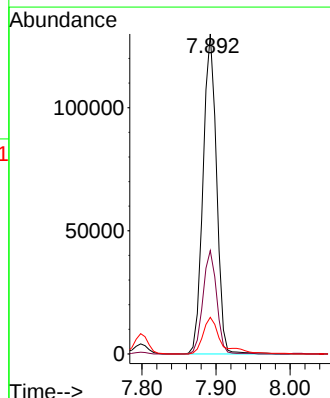
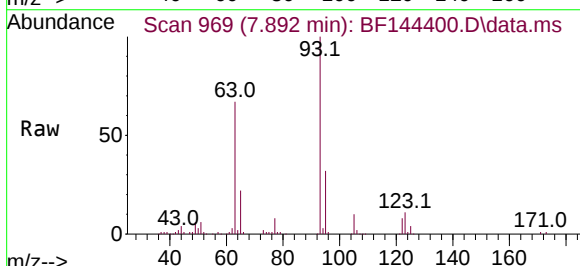
Tgt Ion: 93 Resp: 164348

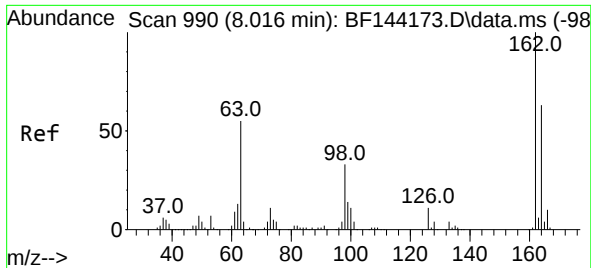
Ion Ratio Lower Upper

93 100

95 32.3 24.2 36.4

123 11.4 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 40.507 ng

RT: 8.010 min Scan# 98

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

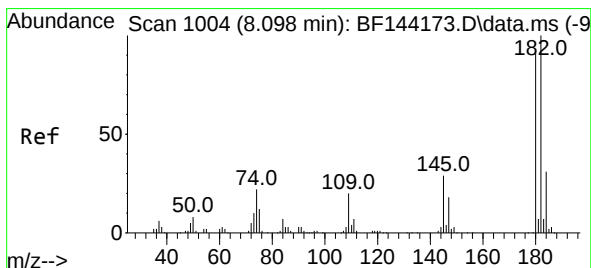
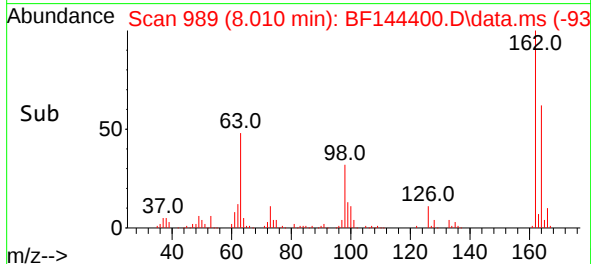
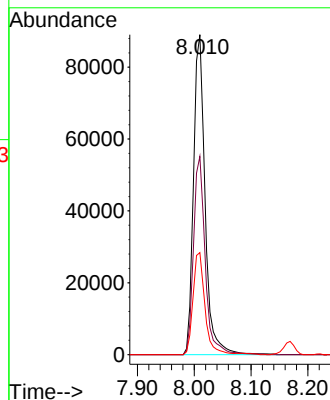
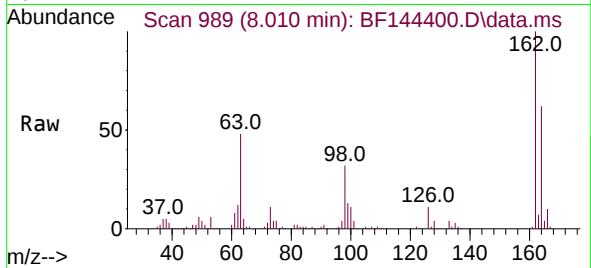
Tgt Ion:162 Resp: 125741

Ion Ratio Lower Upper

162 100

164 61.9 42.9 82.9

98 31.9 13.3 53.3



#30

1,2,4-Trichlorobenzene

Concen: 42.072 ng

RT: 8.086 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

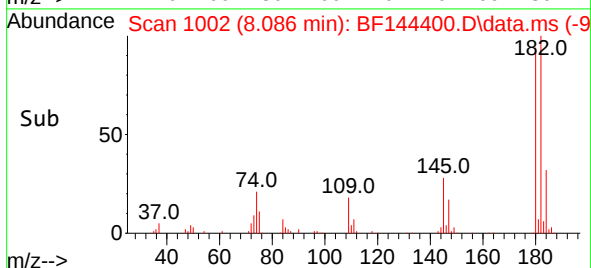
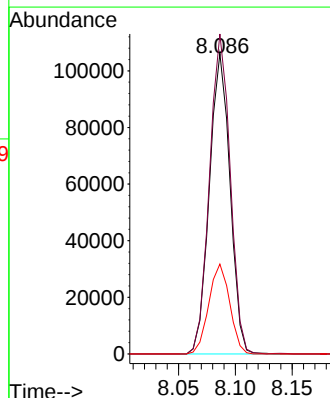
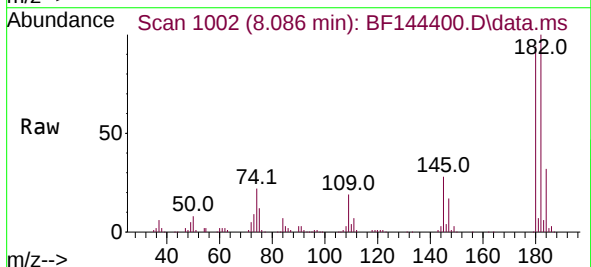
Tgt Ion:180 Resp: 134106

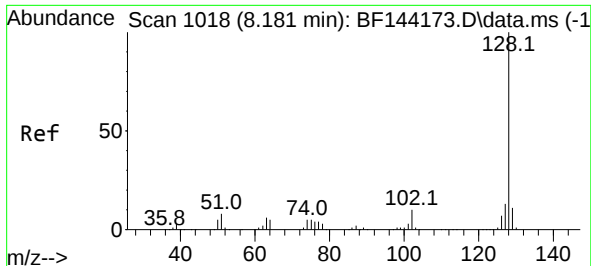
Ion Ratio Lower Upper

180 100

182 106.5 87.7 131.5

145 29.9 25.4 38.0

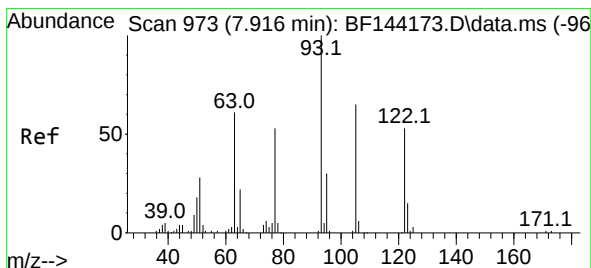
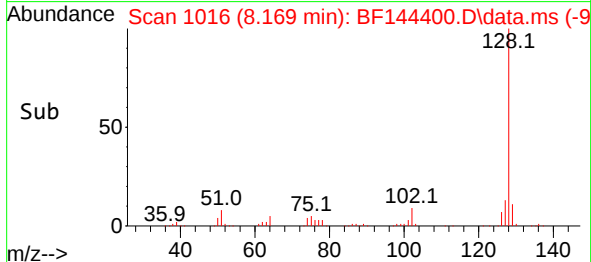
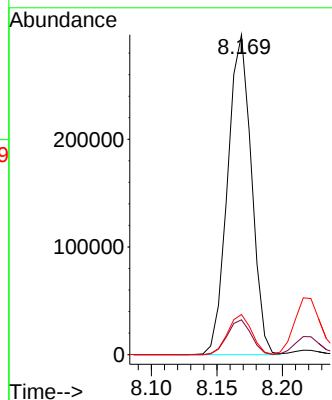
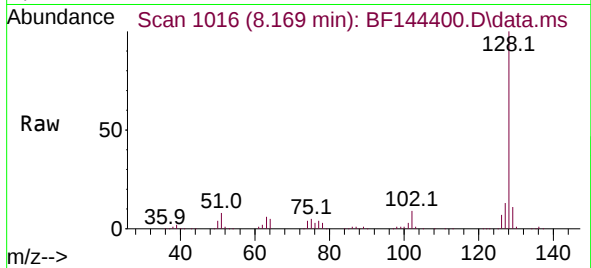




#31
Naphthalene
Concen: 40.928 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

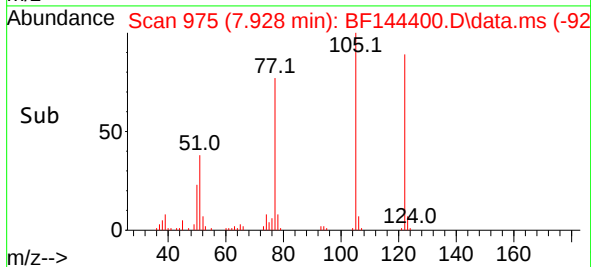
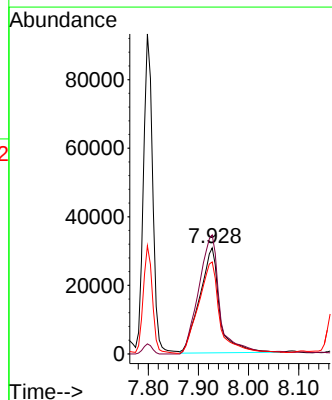
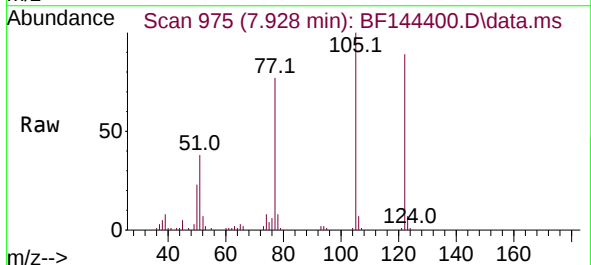
Instrument :
BNA_F
ClientSampleId :
PB170788BS

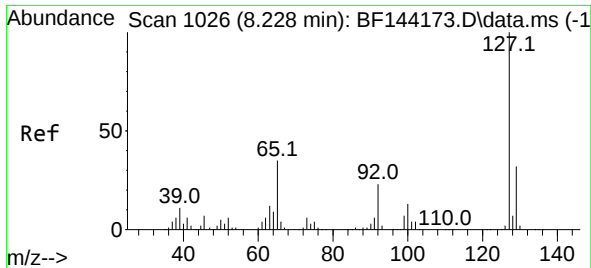
Tgt Ion:128 Resp: 375920
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.5 10.3 15.5



#32
Benzoic acid
Concen: 43.316 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.024 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:122 Resp: 85514
Ion Ratio Lower Upper
122 100
105 112.3 99.9 139.9
77 86.8 77.5 117.5

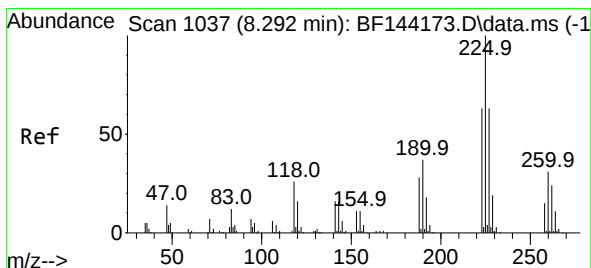
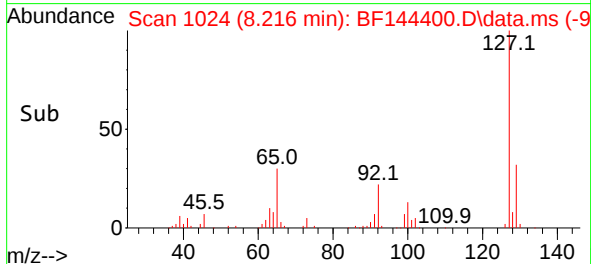
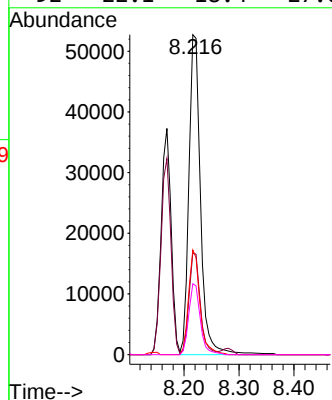
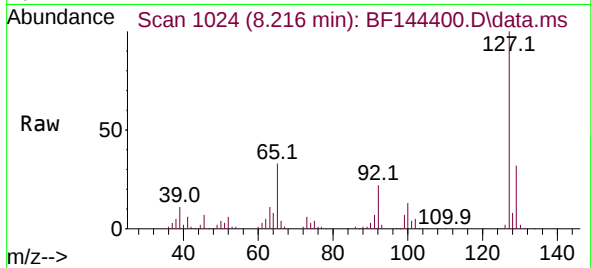




#33
4-Chloroaniline
Concen: 23.204 ng
RT: 8.216 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

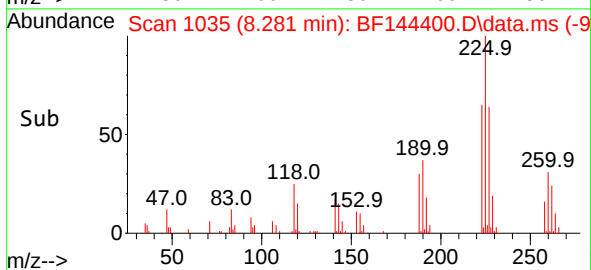
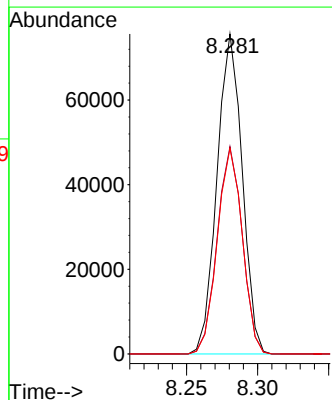
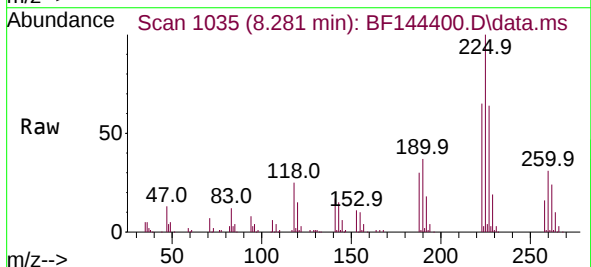
Instrument :
BNA_F
ClientSampleId :
PB170788BS

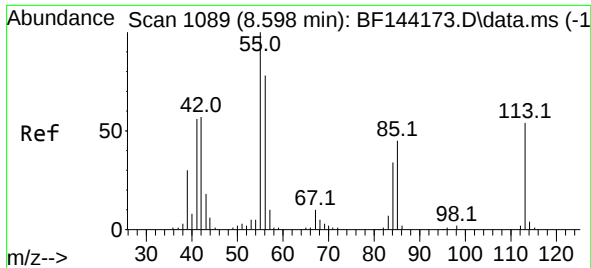
Tgt Ion:127	Resp:	77731
Ion Ratio	Lower	Upper
127	100	
129	31.9	25.3 37.9
65	32.7	27.6 41.4
92	22.1	18.4 27.6



#34
Hexachlorobutadiene
Concen: 38.852 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:225	Resp:	93332
Ion Ratio	Lower	Upper
225	100	
223	64.8	50.2 75.4
227	64.2	50.1 75.1

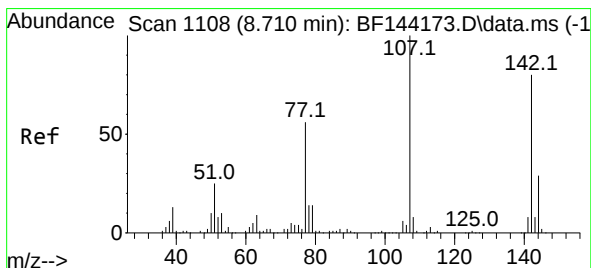
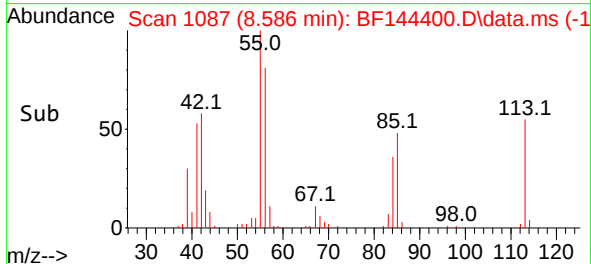
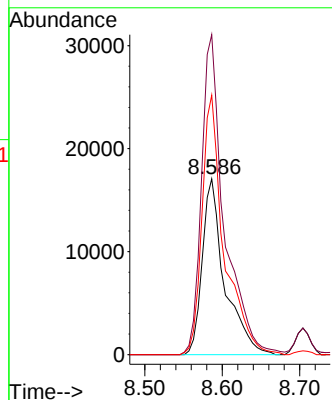
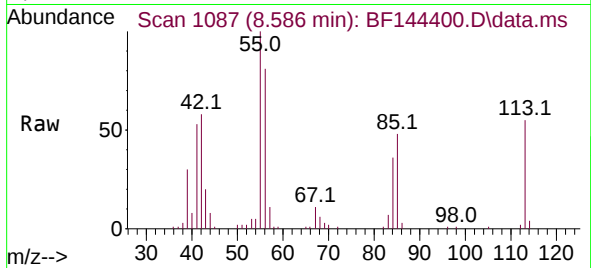




#35
 Caprolactam
 Concen: 40.276 ng
 RT: 8.586 min Scan# 1107
 Delta R.T. -0.035 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

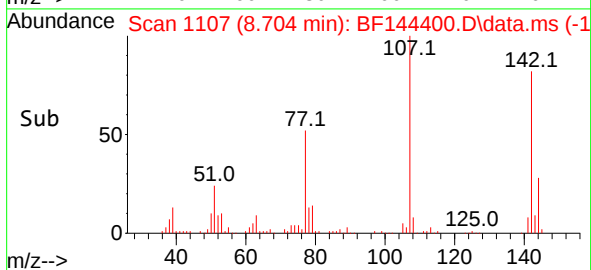
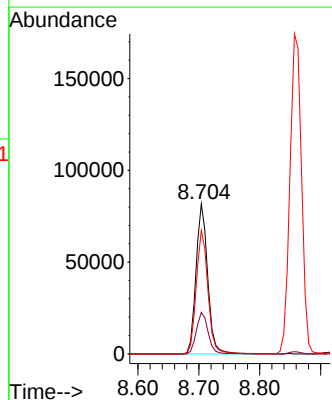
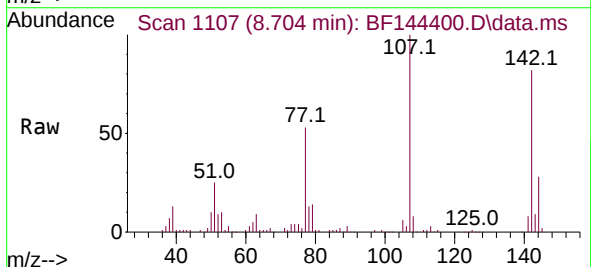
Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

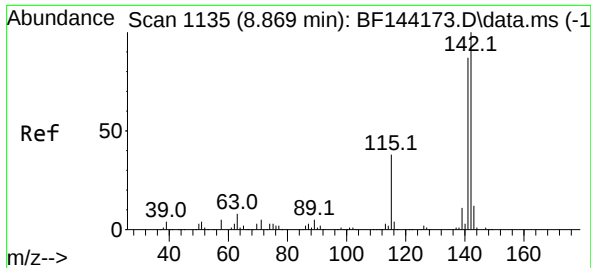
Tgt Ion:113 Resp: 34252
 Ion Ratio Lower Upper
 113 100
 55 182.0 166.8 206.8
 56 147.6 125.9 165.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.219 ng
 RT: 8.704 min Scan# 1107
 Delta R.T. -0.000 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

Tgt Ion:107 Resp: 109105
 Ion Ratio Lower Upper
 107 100
 144 27.7 23.3 34.9
 142 82.3 63.8 95.6

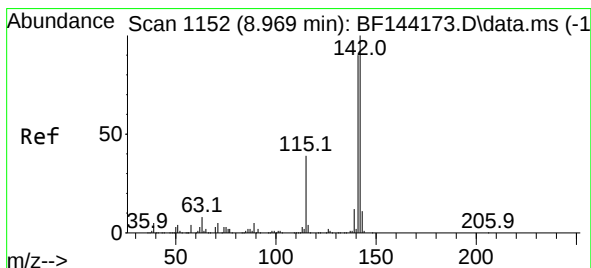
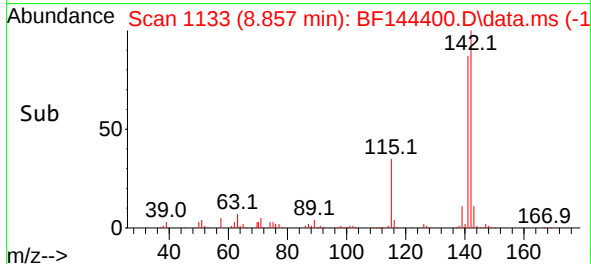
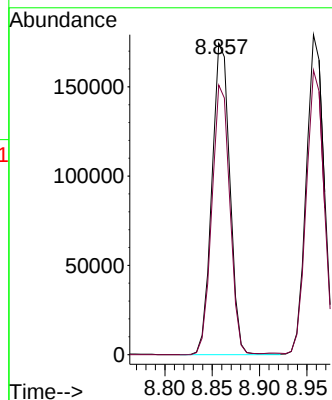
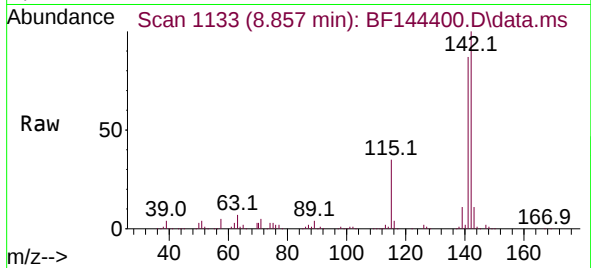




#37
2-Methylnaphthalene
Concen: 37.455 ng
RT: 8.857 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

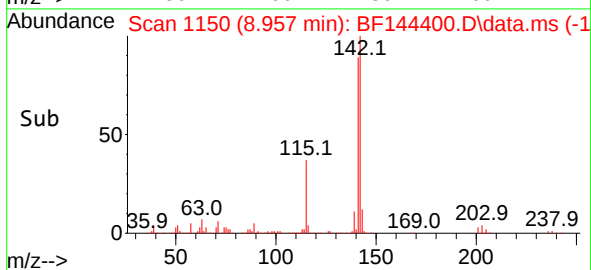
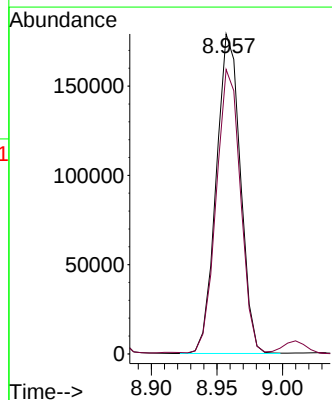
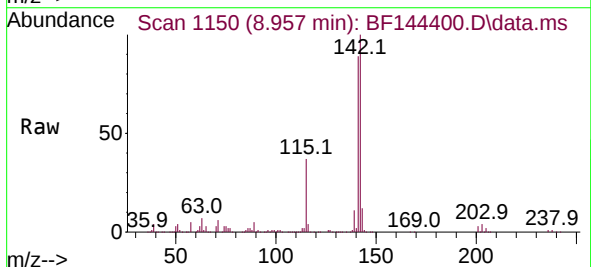
Instrument :
BNA_F
ClientSampleId :
PB170788BS

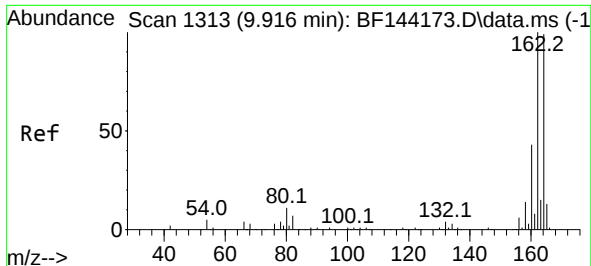
Tgt Ion:142 Resp: 230014
Ion Ratio Lower Upper
142 100
141 86.6 69.9 104.9



#38
1-Methylnaphthalene
Concen: 38.744 ng
RT: 8.957 min Scan# 1150
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:142 Resp: 229573
Ion Ratio Lower Upper
142 100
141 88.9 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1313

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

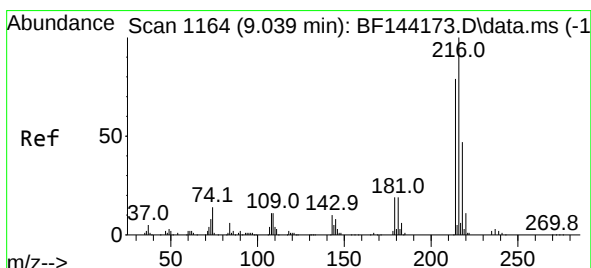
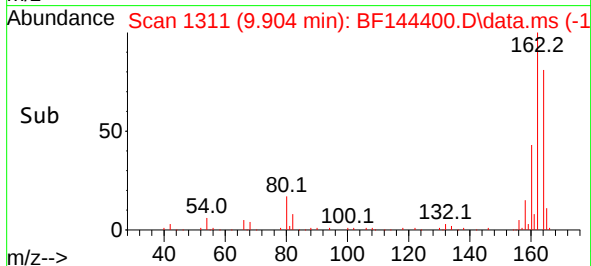
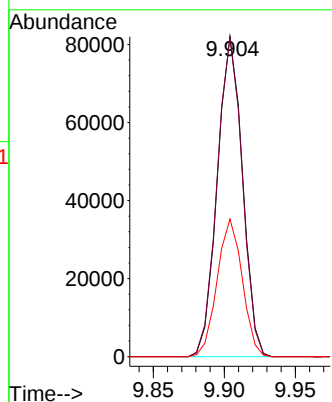
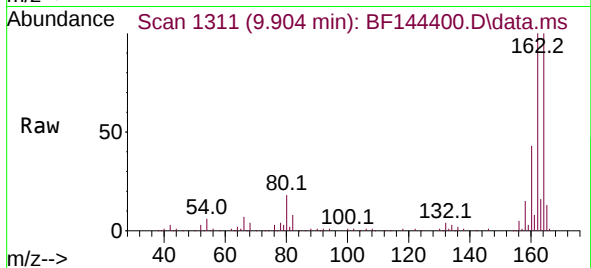
Tgt Ion:164 Resp: 100931

Ion Ratio Lower Upper

164 100

162 99.7 81.1 121.7

160 43.0 34.5 51.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.395 ng

RT: 9.028 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Tgt Ion:216 Resp: 153466

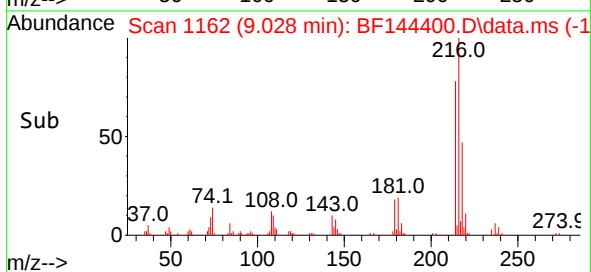
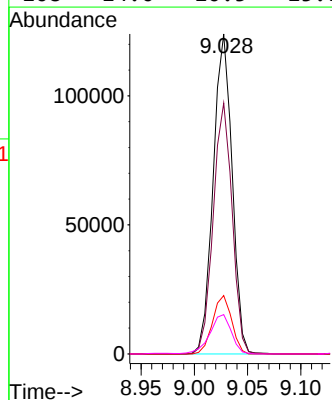
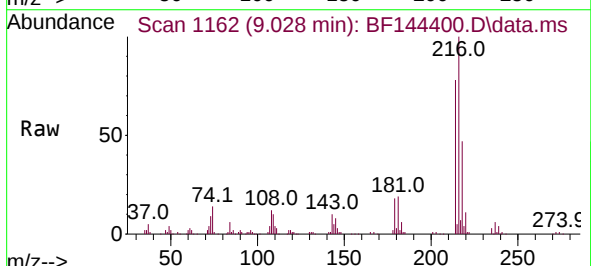
Ion Ratio Lower Upper

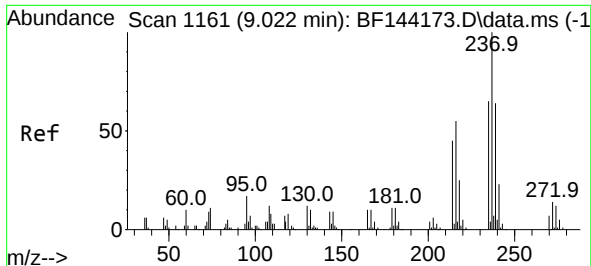
216 100

214 78.2 63.4 95.2

179 18.3 15.0 22.4

108 14.0 10.5 15.7

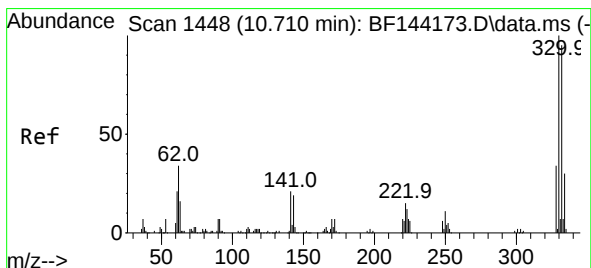
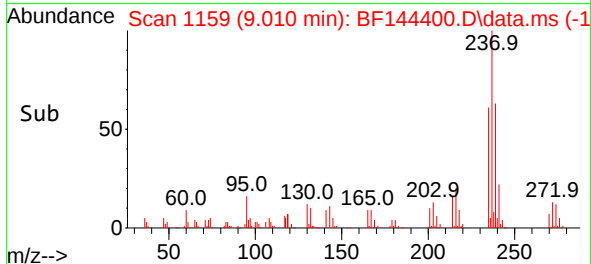
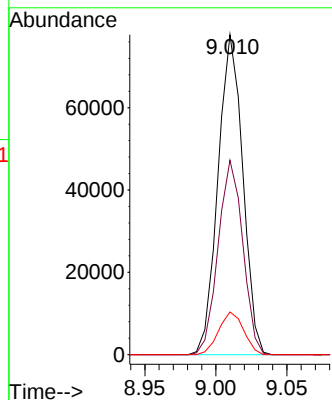
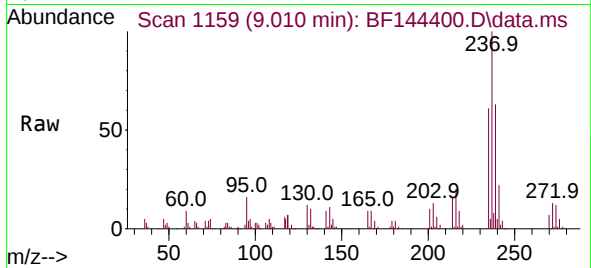




#41
Hexachlorocyclopentadiene
Concen: 74.926 ng
RT: 9.010 min Scan# 1161
Delta R.T. -0.018 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

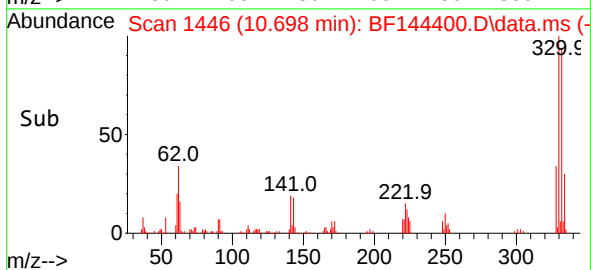
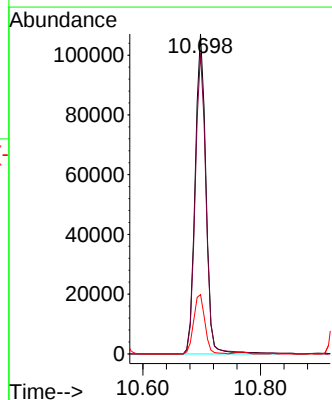
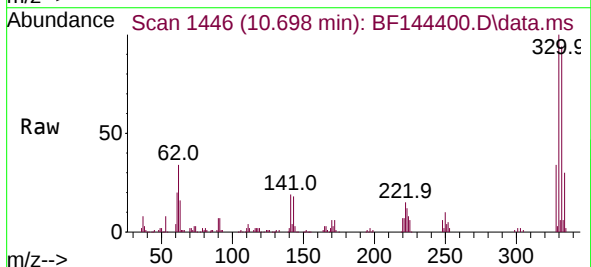
Instrument :
BNA_F
ClientSampleId :
PB170788BS

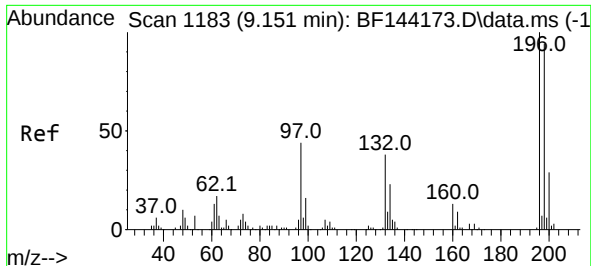
Tgt Ion: 237 Resp: 94334
Ion Ratio Lower Upper
237 100
235 60.7 45.5 85.5
272 13.3 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 107.534 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion: 330 Resp: 136199
Ion Ratio Lower Upper
330 100
332 93.9 76.7 115.1
141 19.2 17.8 26.8





#43

2,4,6-Trichlorophenol

Concen: 40.354 ng

RT: 9.139 min Scan# 1181

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

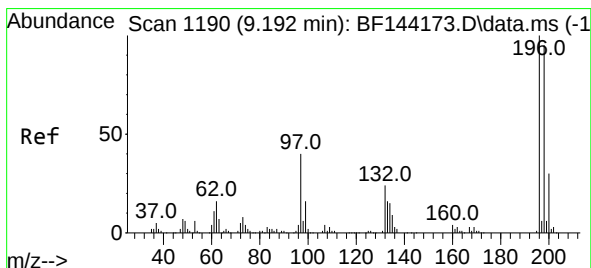
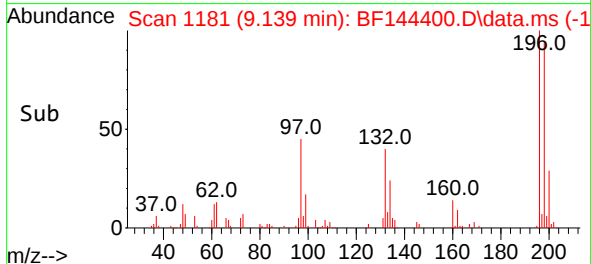
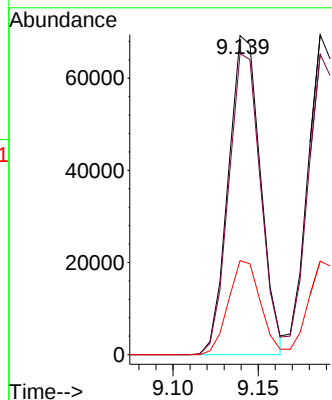
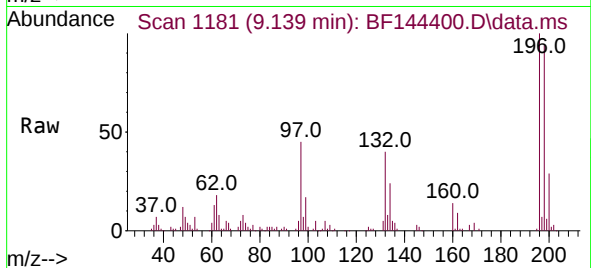
Tgt Ion:196 Resp: 90852

Ion Ratio Lower Upper

196 100

198 94.4 75.3 112.9

200 29.5 23.4 35.2



#44

2,4,5-Trichlorophenol

Concen: 39.631 ng

RT: 9.186 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Tgt Ion:196 Resp: 96164

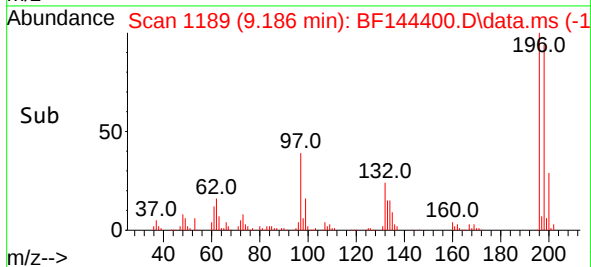
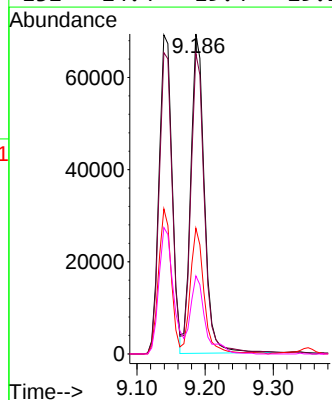
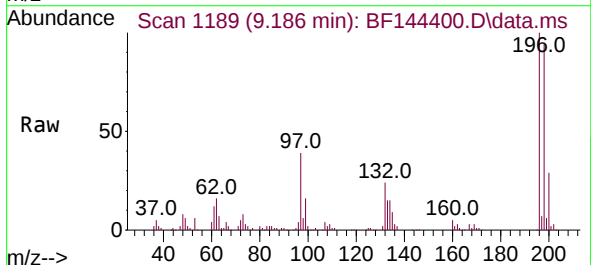
Ion Ratio Lower Upper

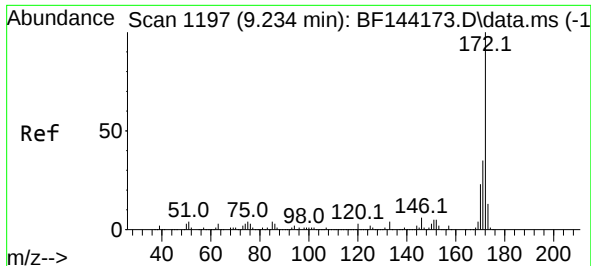
196 100

198 93.9 76.1 114.1

97 39.3 31.9 47.9

132 24.4 19.4 29.2

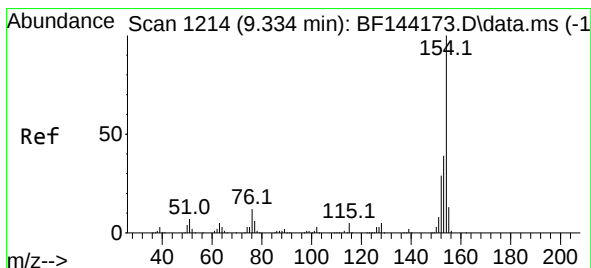
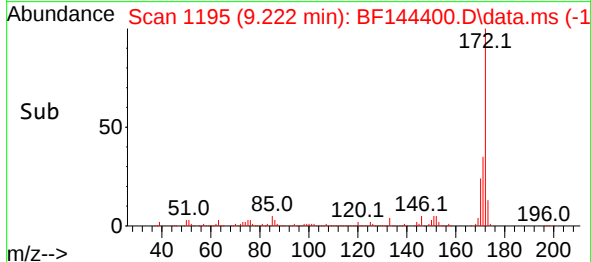
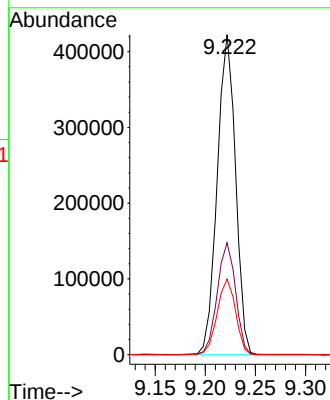
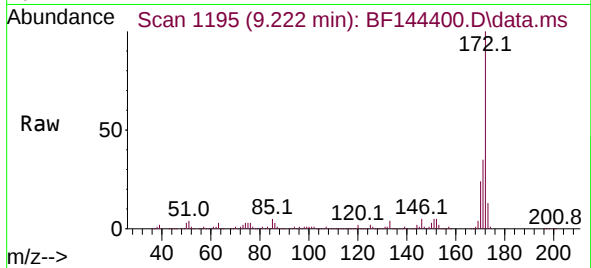




#45
2-Fluorobiphenyl
Concen: 78.544 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

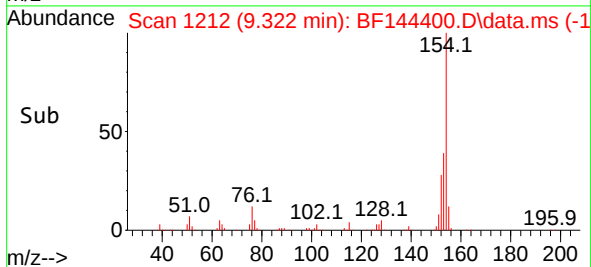
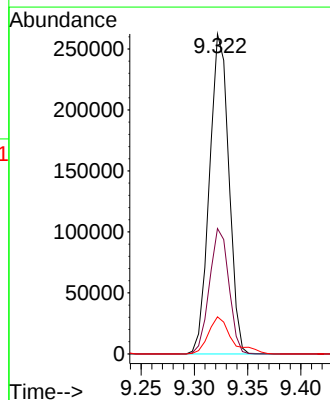
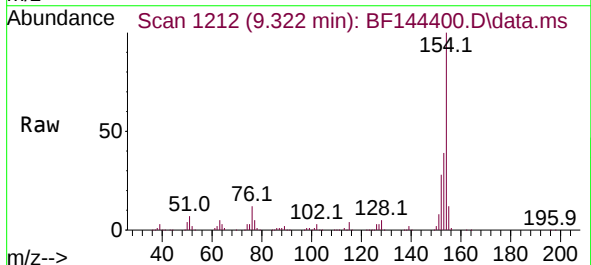
Instrument :
BNA_F
ClientSampleId :
PB170788BS

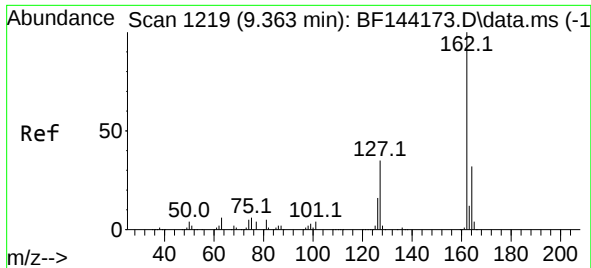
Tgt Ion:172 Resp: 536756
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.6 18.6 28.0



#46
1,1'-Biphenyl
Concen: 47.195 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:154 Resp: 332500
Ion Ratio Lower Upper
154 100
153 39.2 19.2 59.2
76 11.6 0.0 31.8





#47

2-Chloronaphthalene

Concen: 41.658 ng

RT: 9.351 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

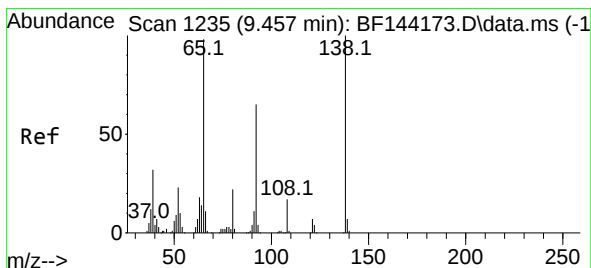
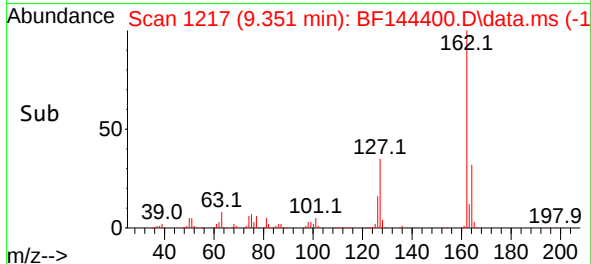
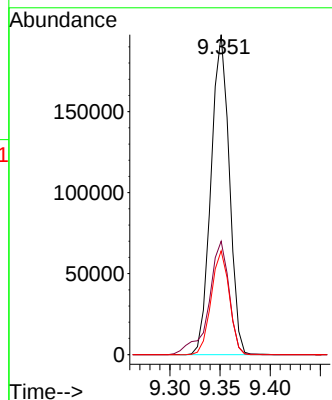
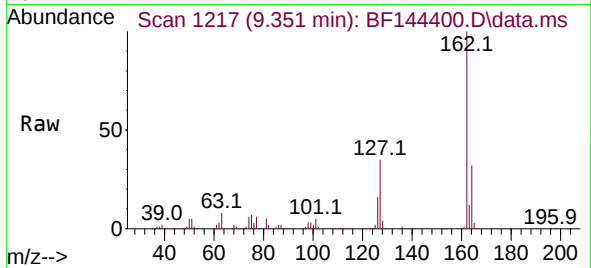
Tgt Ion:162 Resp: 250353

Ion Ratio Lower Upper

162 100

127 35.4 28.8 43.2

164 32.4 25.8 38.8



#48

2-Nitroaniline

Concen: 41.731 ng

RT: 9.451 min Scan# 1234

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

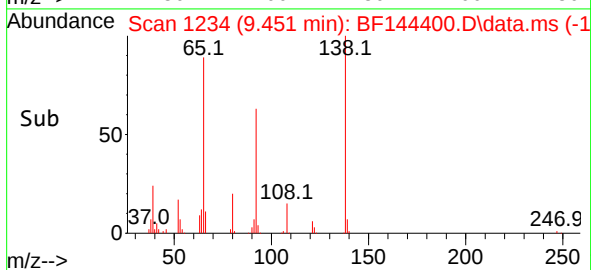
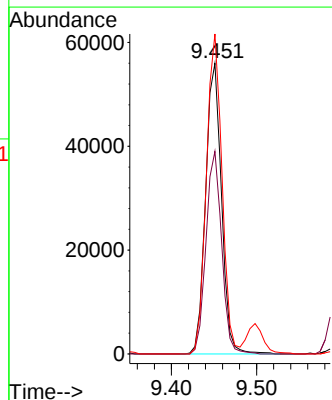
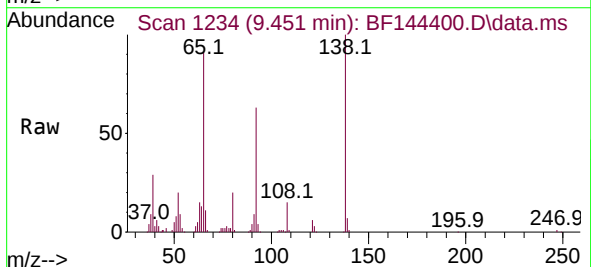
Tgt Ion: 65 Resp: 72362

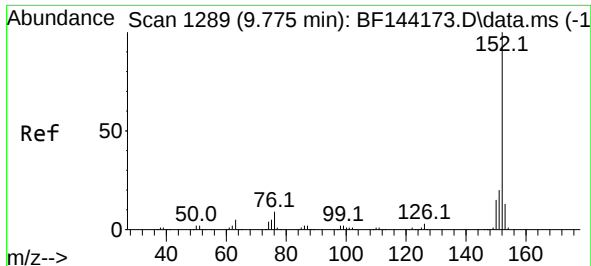
Ion Ratio Lower Upper

65 100

92 69.7 53.0 79.6

138 110.1 81.6 122.4





#49

Acenaphthylene

Concen: 45.947 ng

RT: 9.769 min Scan# 1288

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

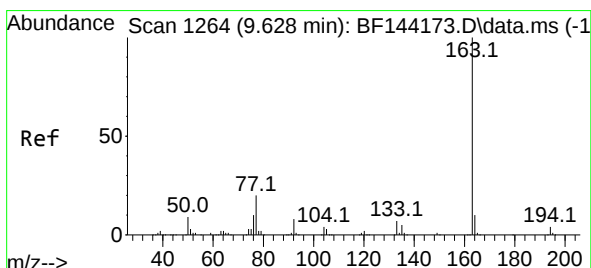
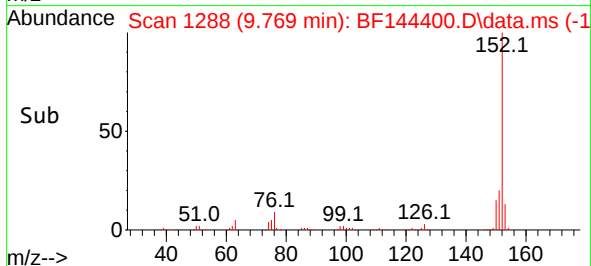
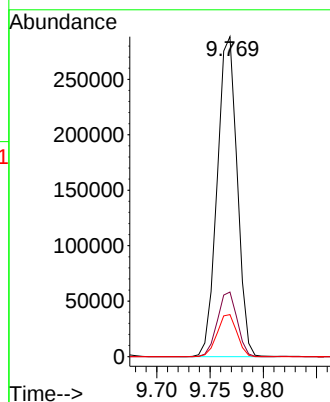
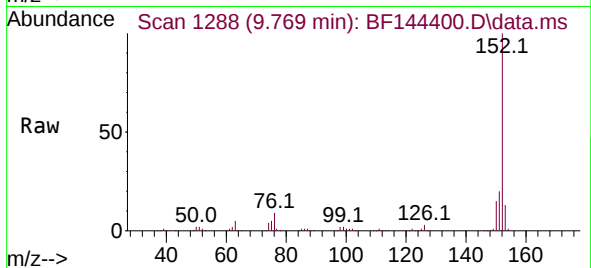
Tgt Ion:152 Resp: 376291

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.5 15.7



#50

Dimethylphthalate

Concen: 40.871 ng

RT: 9.622 min Scan# 1263

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

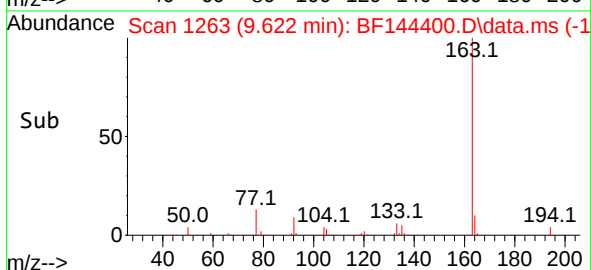
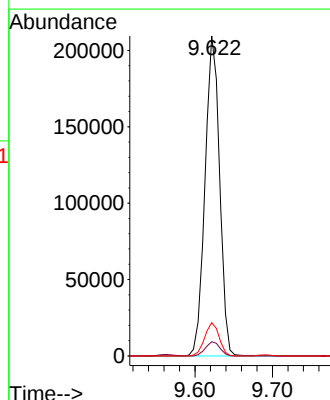
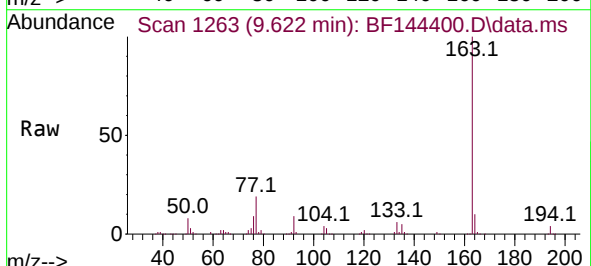
Tgt Ion:163 Resp: 273282

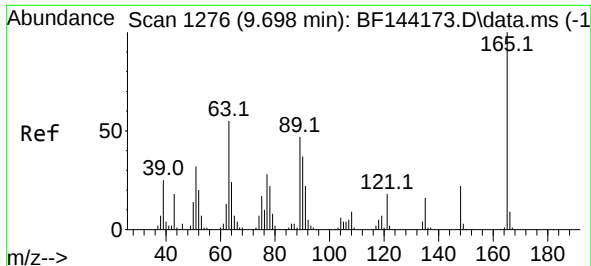
Ion Ratio Lower Upper

163 100

194 4.4 3.3 4.9

164 10.4 8.1 12.1

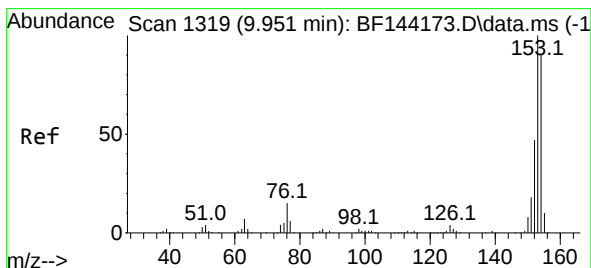
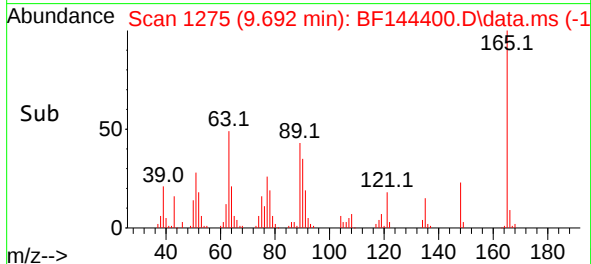
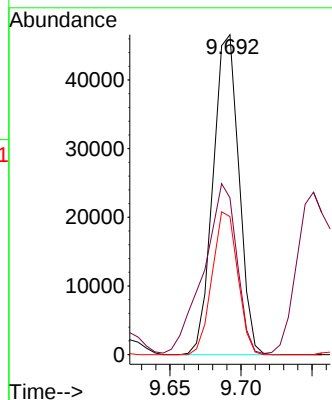
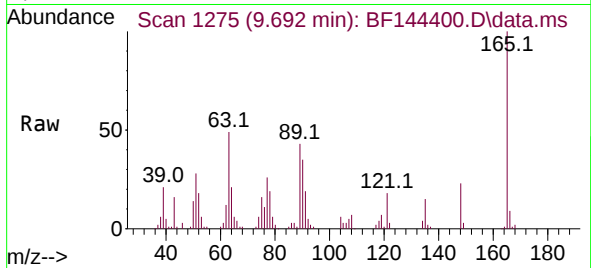




#51
2,6-Dinitrotoluene
Concen: 43.606 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

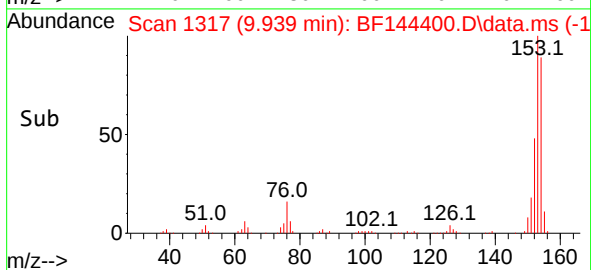
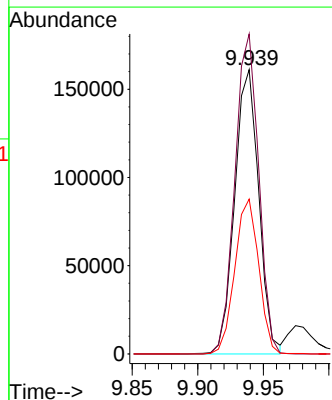
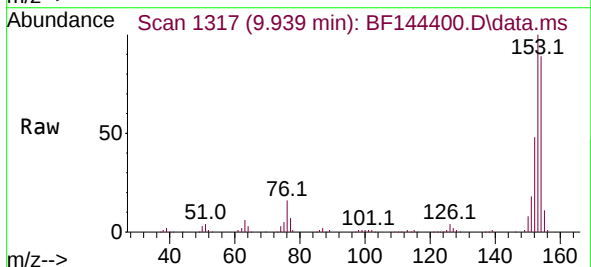
Instrument :
BNA_F
ClientSampleId :
PB170788BS

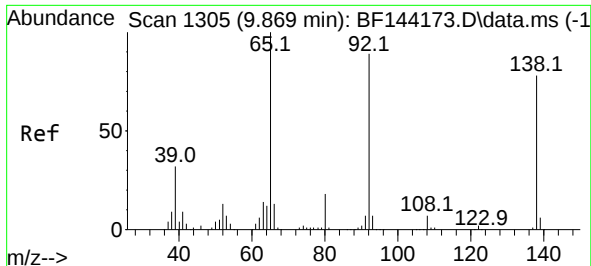
Tgt Ion:165 Resp: 59023
Ion Ratio Lower Upper
165 100
63 49.0 43.8 65.8
89 43.1 37.5 56.3



#52
Acenaphthene
Concen: 37.573 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:154 Resp: 205769
Ion Ratio Lower Upper
154 100
153 112.6 89.0 133.4
152 54.5 42.2 63.4

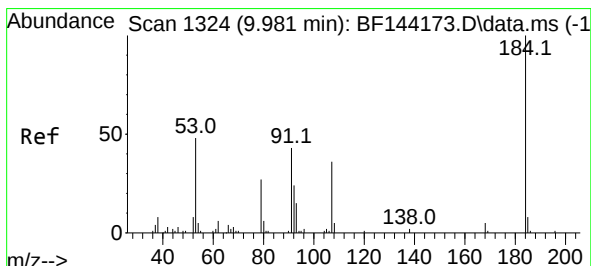
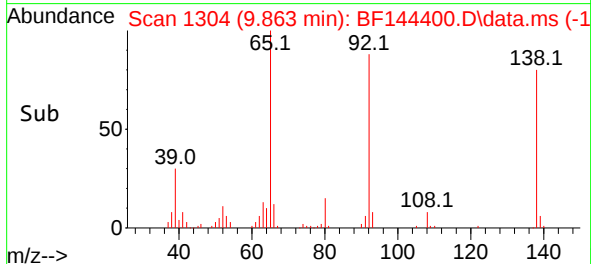
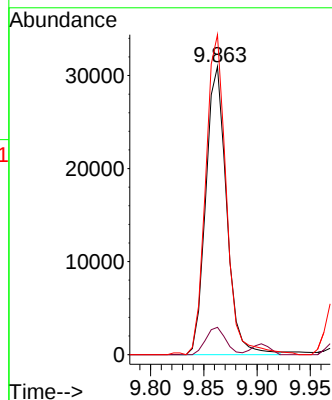
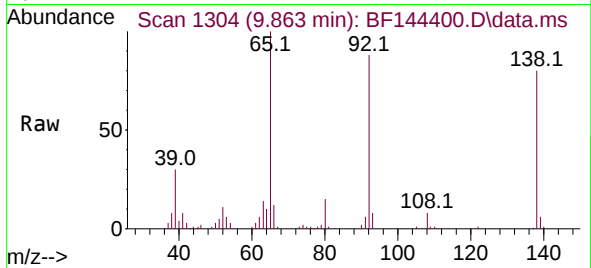




#53
3-Nitroaniline
Concen: 28.375 ng
RT: 9.863 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

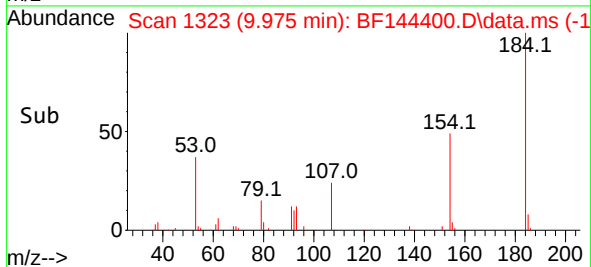
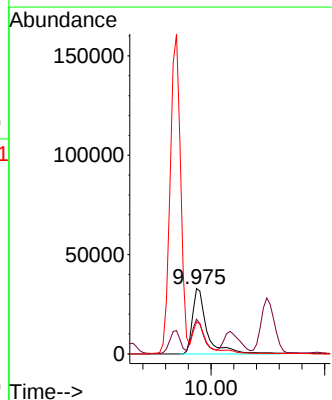
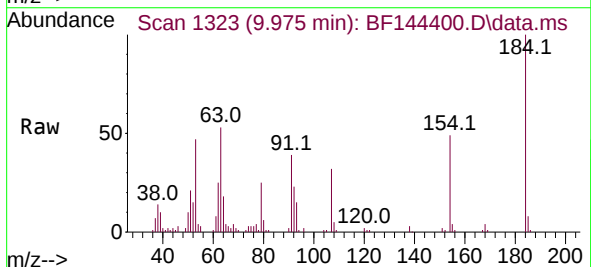
Instrument :
BNA_F
ClientSampleId :
PB170788BS

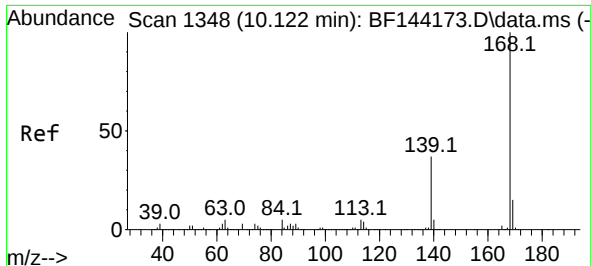
Tgt Ion:138 Resp: 41985
Ion Ratio Lower Upper
138 100
108 9.4 7.5 11.3
92 111.1 91.8 137.6



#54
2,4-Dinitrophenol
Concen: 71.433 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:184 Resp: 58386
Ion Ratio Lower Upper
184 100
63 53.0 44.0 66.0
154 48.8 42.4 63.6





#55

Dibenzofuran

Concen: 41.299 ng

RT: 10.110 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

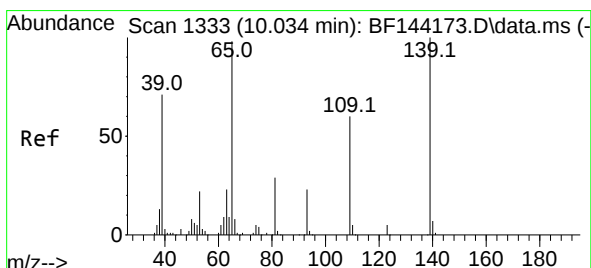
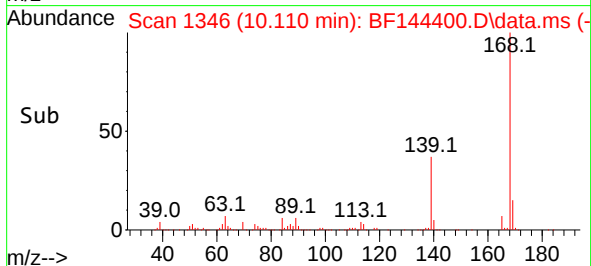
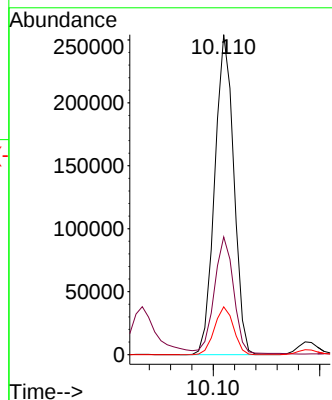
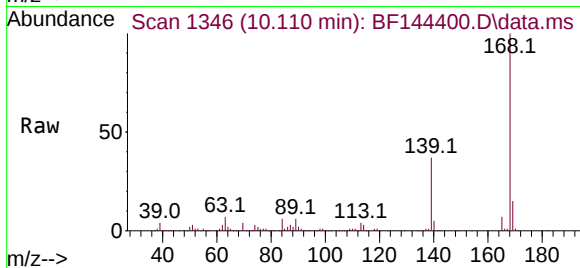
Tgt Ion:168 Resp: 316765

Ion Ratio Lower Upper

168 100

139 36.8 30.2 45.2

169 15.0 12.2 18.4



#56

4-Nitrophenol

Concen: 58.240 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

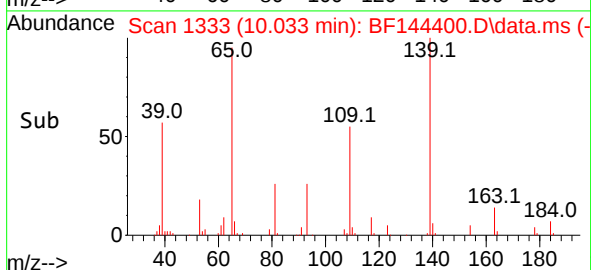
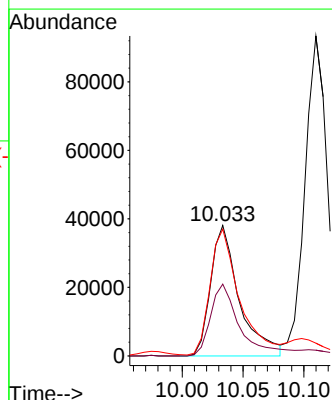
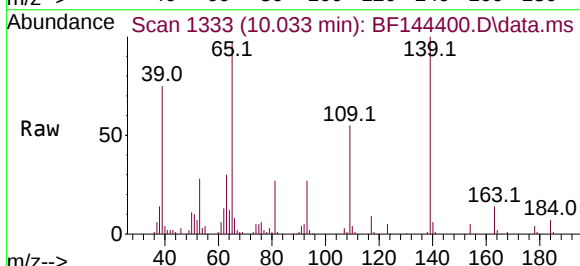
Tgt Ion:139 Resp: 62336

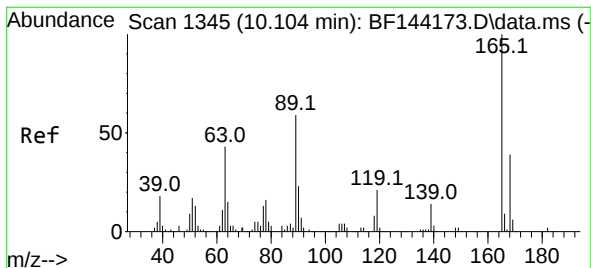
Ion Ratio Lower Upper

139 100

109 55.1 39.9 79.9

65 97.2 79.5 119.5

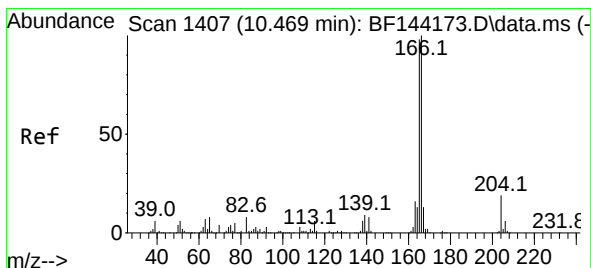
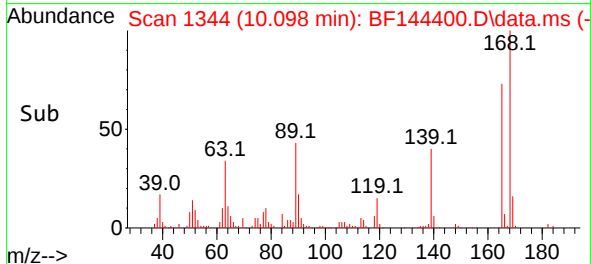
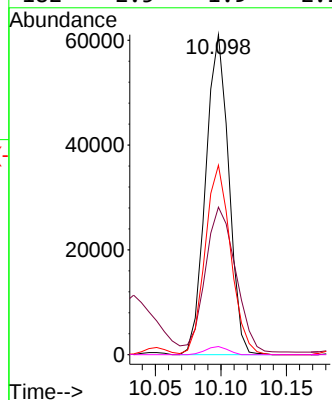
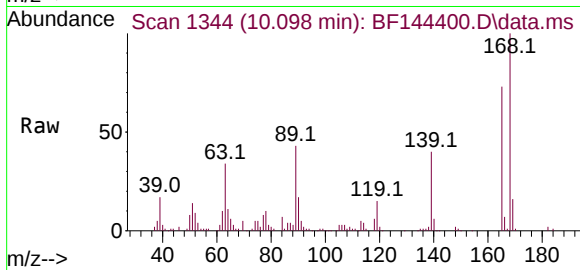




#57
2,4-Dinitrotoluene
Concen: 41.268 ng
RT: 10.098 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

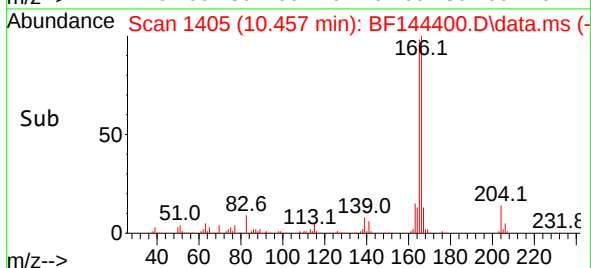
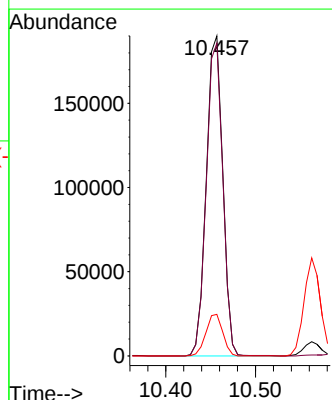
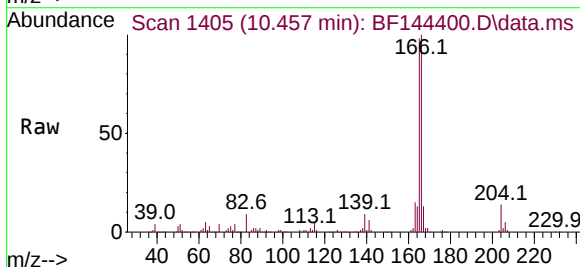
Instrument :
BNA_F
ClientSampleId :
PB170788BS

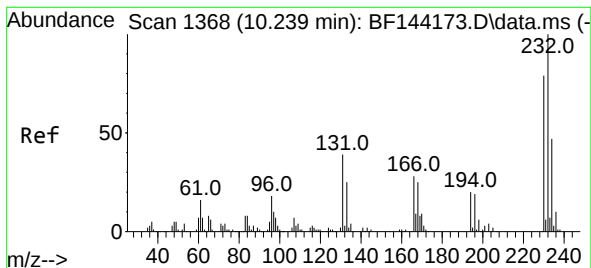
Tgt Ion:165 Resp: 74778
Ion Ratio Lower Upper
165 100
63 46.1 35.5 53.3
89 59.2 47.4 71.2
182 2.5 1.9 2.9



#58
Fluorene
Concen: 41.619 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:166 Resp: 242704
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 13.0 10.4 15.6

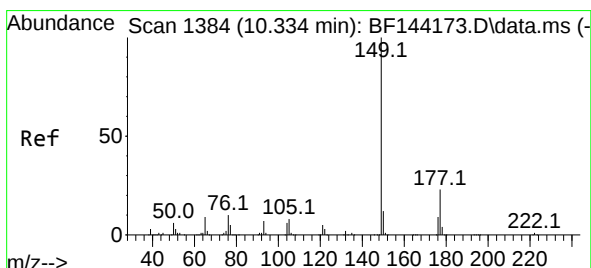
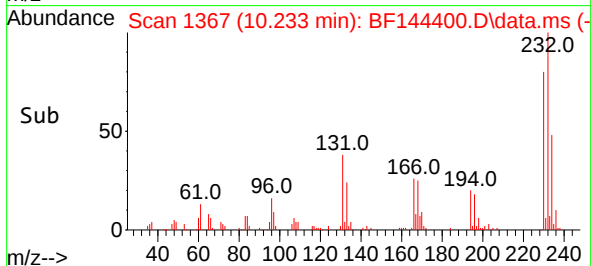
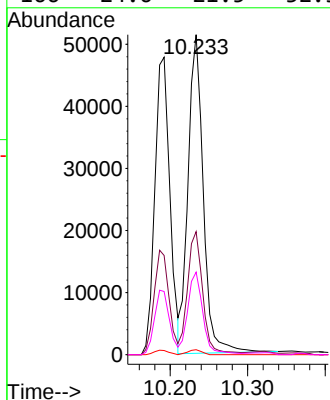
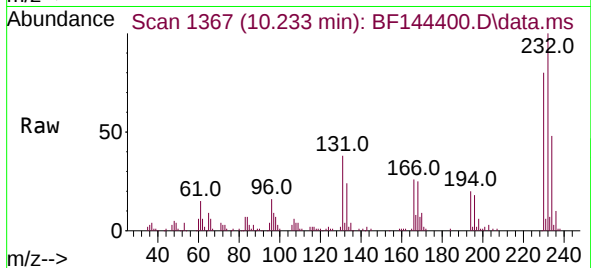




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.832 ng
RT: 10.233 min Scan# 1367
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

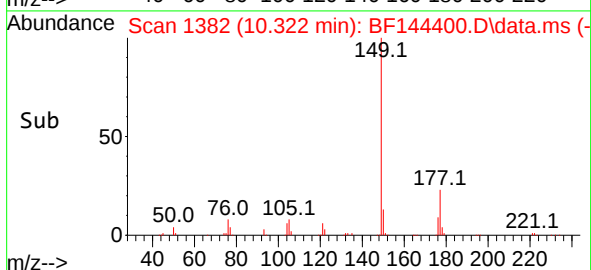
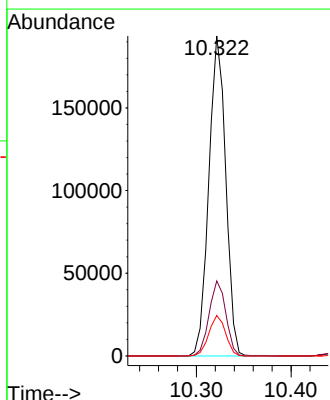
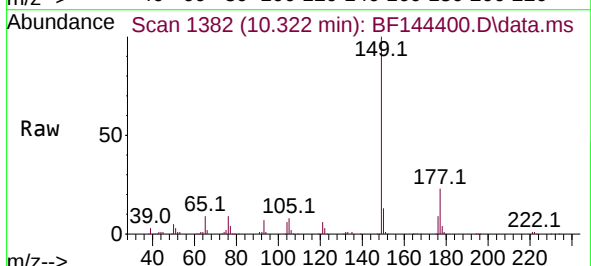
Instrument :
BNA_F
ClientSampleId :
PB170788BS

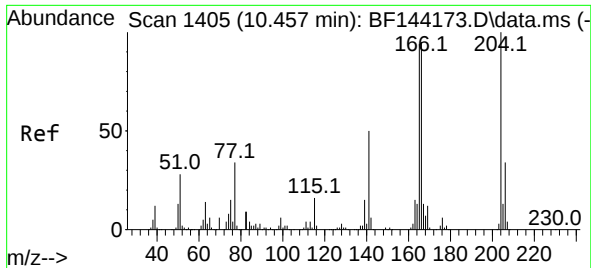
Tgt Ion:232	Resp:	70098
Ion Ratio	Lower	Upper
232	100	
131	37.0	30.3 45.5
130	1.4	1.2 1.8
166	24.6	21.5 32.3



#60
Diethylphthalate
Concen: 38.955 ng
RT: 10.322 min Scan# 1382
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:149	Resp:	240114
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.3 27.5
150	12.6	9.8 14.6

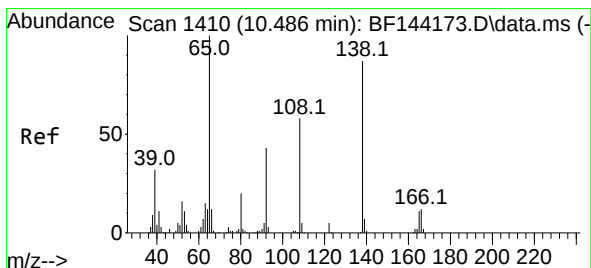
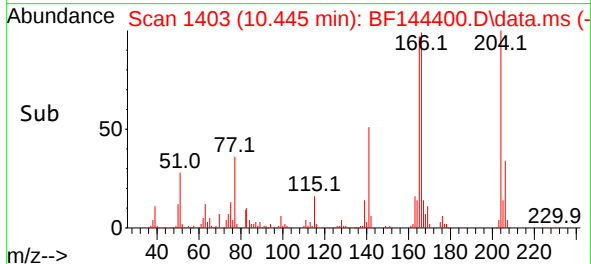
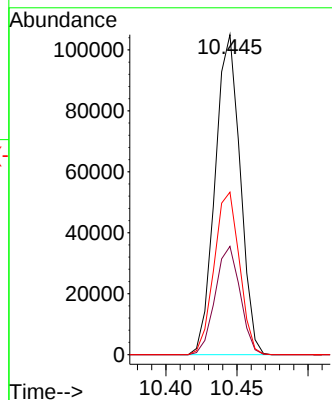
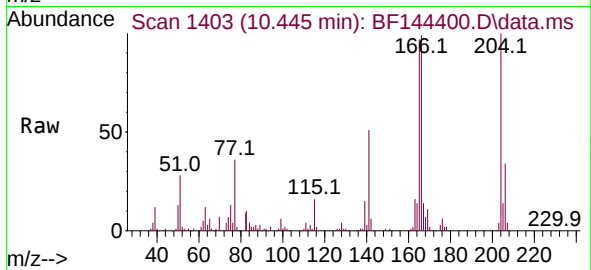




#61
4-Chlorophenyl-phenylether
Concen: 38.838 ng
RT: 10.445 min Scan# 1405
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

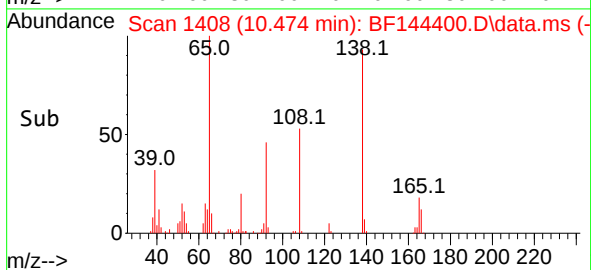
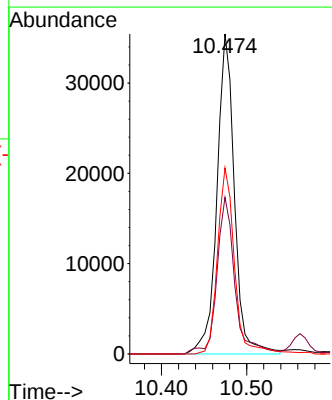
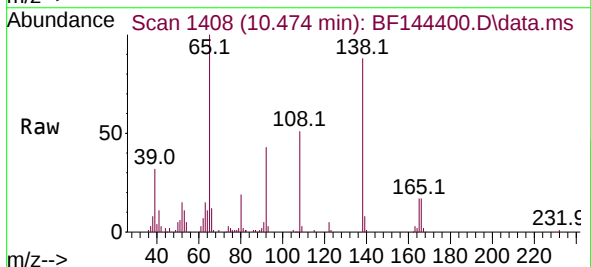
Instrument :
BNA_F
ClientSampleId :
PB170788BS

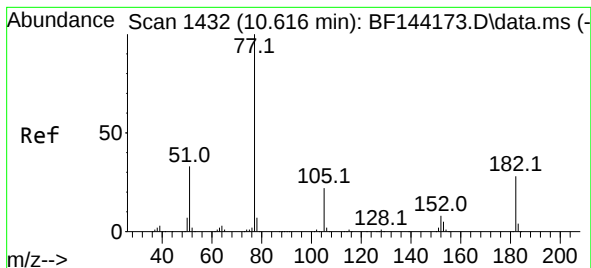
Tgt Ion:204 Resp: 129013
Ion Ratio Lower Upper
204 100
206 33.8 27.4 41.2
141 50.8 40.0 60.0



#62
4-Nitroaniline
Concen: 35.828 ng
RT: 10.474 min Scan# 1408
Delta R.T. -0.000 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:138 Resp: 50485
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 58.1 46.4 86.4





#63

Azobenzene

Concen: 41.117 ng

RT: 10.604 min Scan# 1432

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

Tgt Ion: 77 Resp: 235874

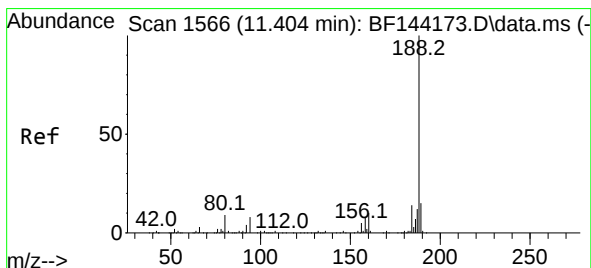
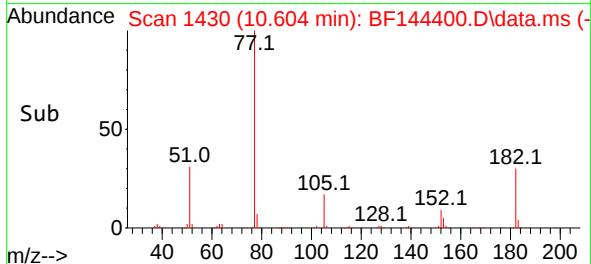
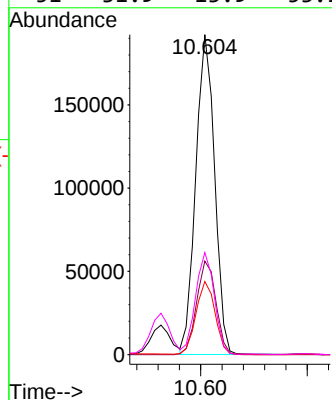
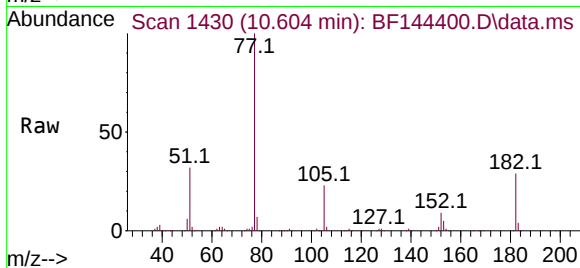
Ion Ratio Lower Upper

77 100

182 29.2 8.1 48.1

105 22.8 2.0 42.0

51 31.9 13.9 53.9



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1565

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

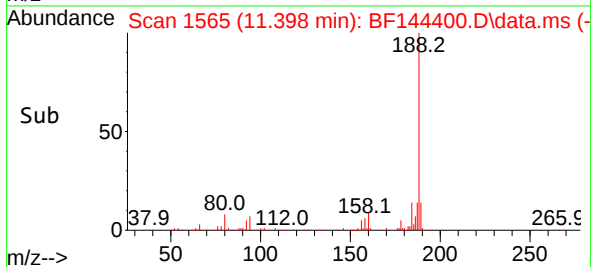
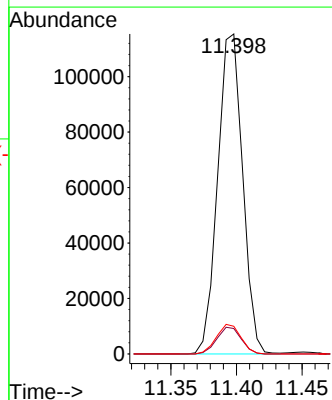
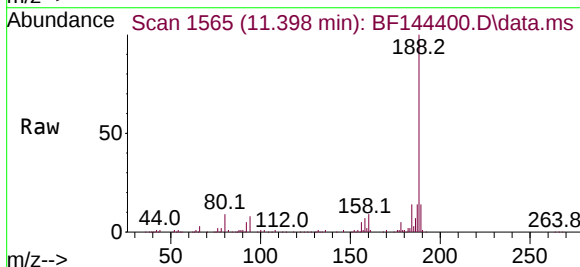
Tgt Ion: 188 Resp: 153120

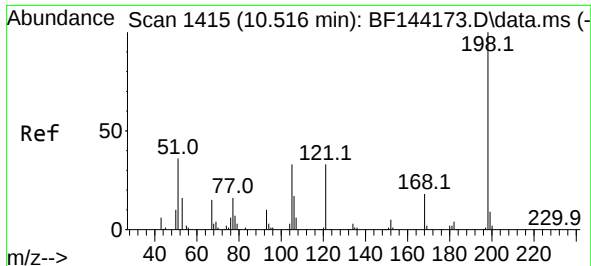
Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.6 6.9 10.3

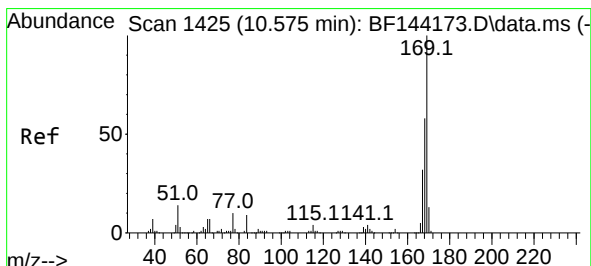
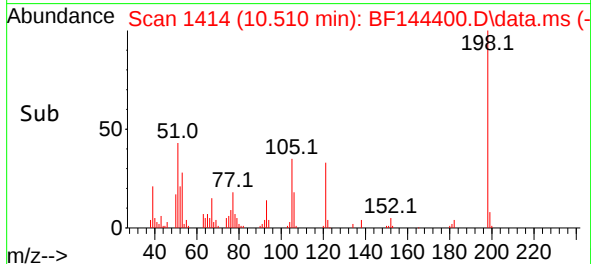
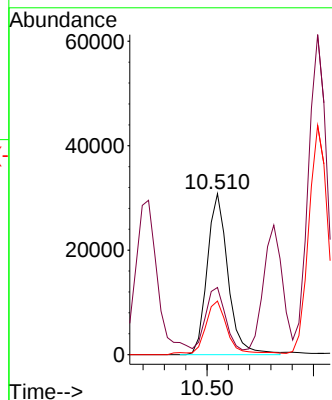
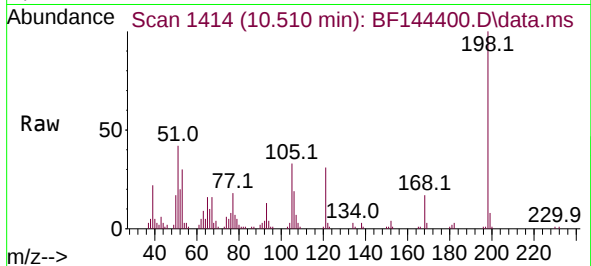




#65
4,6-Dinitro-2-methylphenol
Concen: 40.093 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

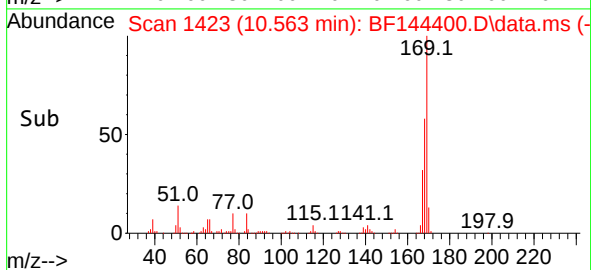
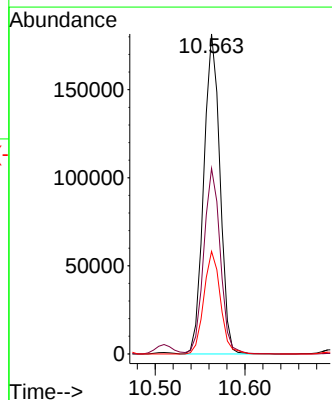
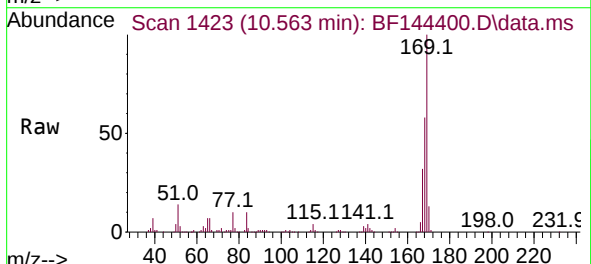
Instrument :
BNA_F
ClientSampleId :
PB170788BS

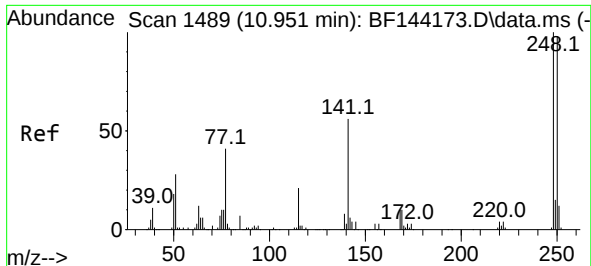
Tgt Ion:198 Resp: 41705
Ion Ratio Lower Upper
198 100
51 41.7 25.6 65.6
105 33.2 14.6 54.6



#66
n-Nitrosodiphenylamine
Concen: 46.161 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:169 Resp: 227331
Ion Ratio Lower Upper
169 100
168 58.0 46.2 69.2
167 32.0 25.7 38.5

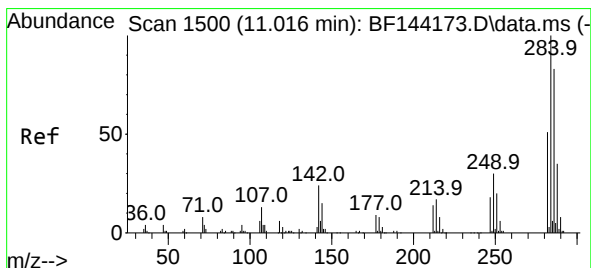
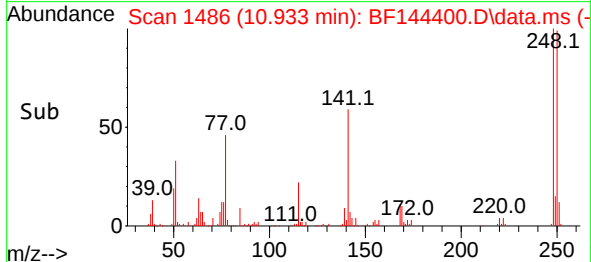
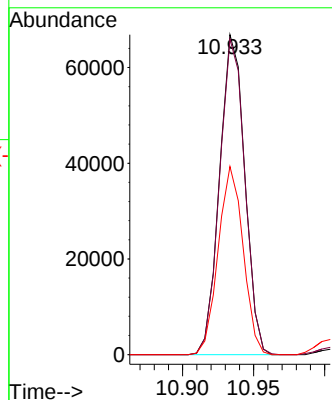
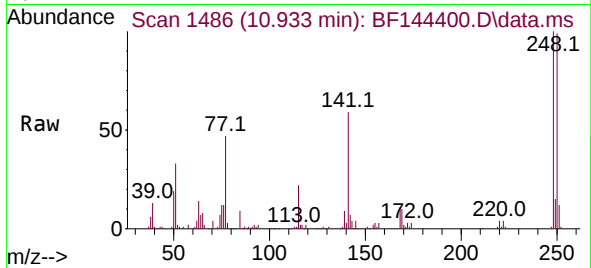




#67
4-Bromophenyl-phenylether
Concen: 42.264 ng
RT: 10.933 min Scan# 1486
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

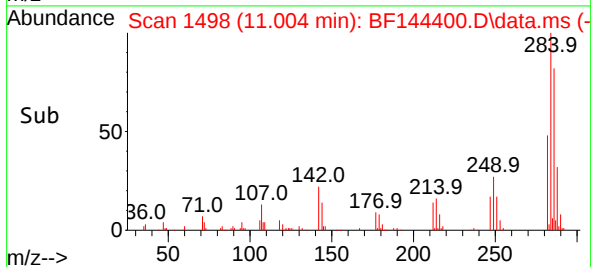
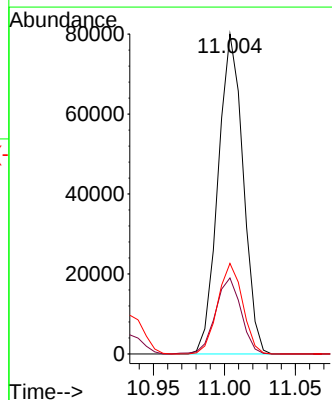
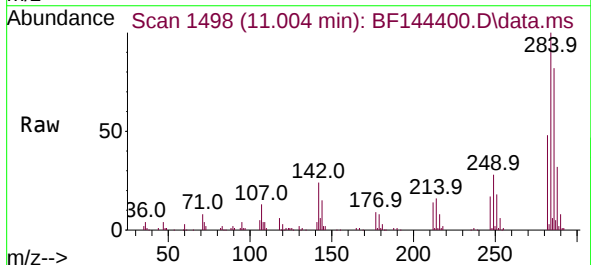
Instrument :
BNA_F
ClientSampleId :
PB170788BS

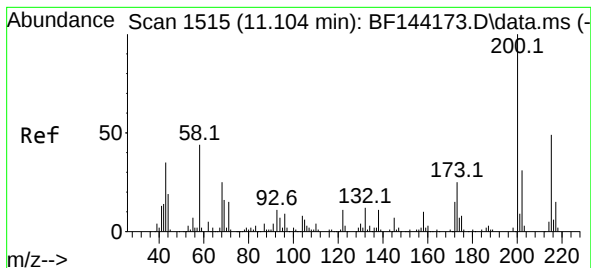
Tgt Ion:248 Resp: 82603
Ion Ratio Lower Upper
248 100
250 98.6 78.4 117.6
141 58.8 45.1 67.7



#68
Hexachlorobenzene
Concen: 42.699 ng
RT: 11.004 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:284 Resp: 98295
Ion Ratio Lower Upper
284 100
142 23.7 19.2 28.8
249 28.3 23.8 35.8





#69

Atrazine

Concen: 43.463 ng

RT: 11.092 min Scan# 1513

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

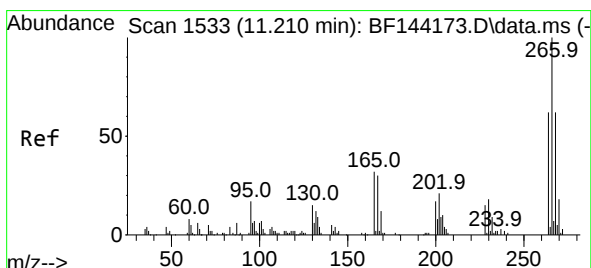
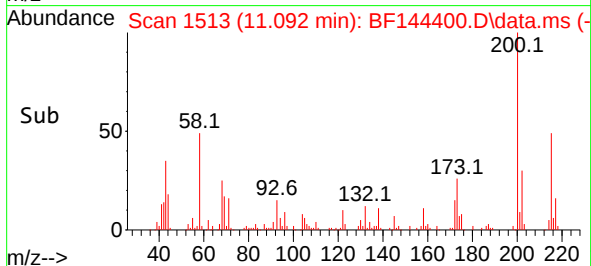
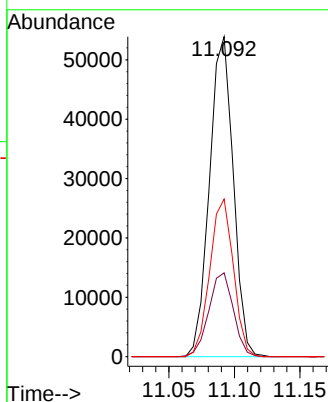
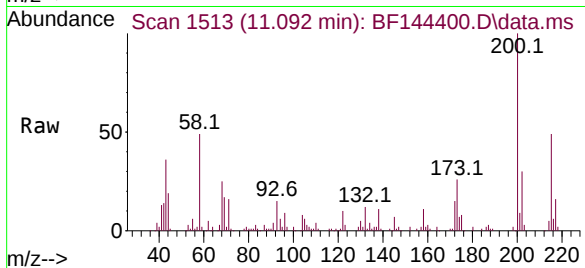
Tgt Ion:200 Resp: 68071

Ion Ratio Lower Upper

200 100

173 26.2 5.0 45.0

215 49.2 28.7 68.7



#70

Pentachlorophenol

Concen: 77.646 ng

RT: 11.204 min Scan# 1532

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

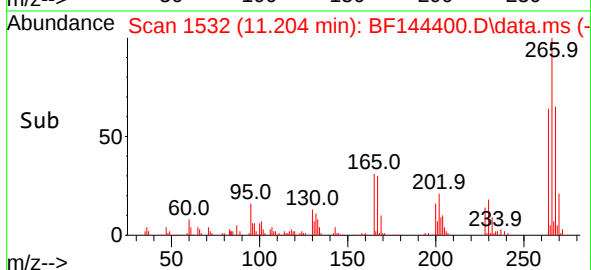
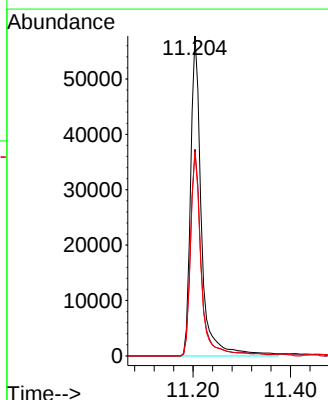
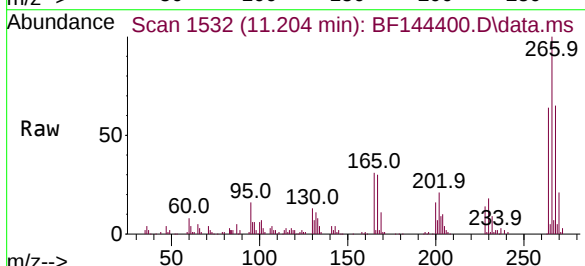
Tgt Ion:266 Resp: 89009

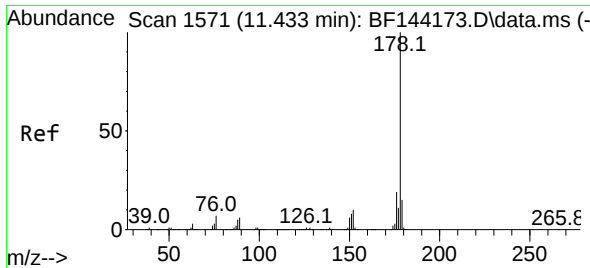
Ion Ratio Lower Upper

266 100

268 64.6 49.5 74.3

264 63.7 49.4 74.2

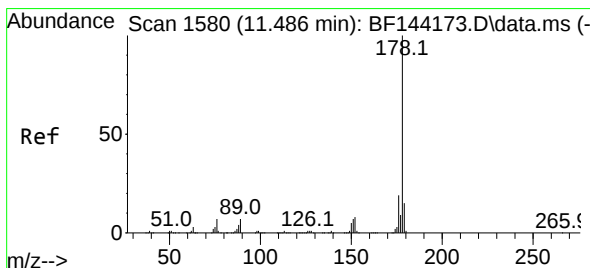
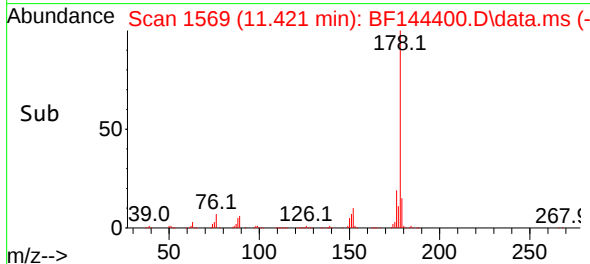
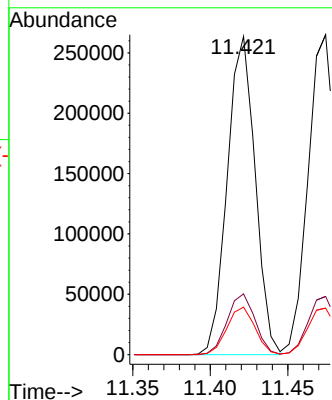
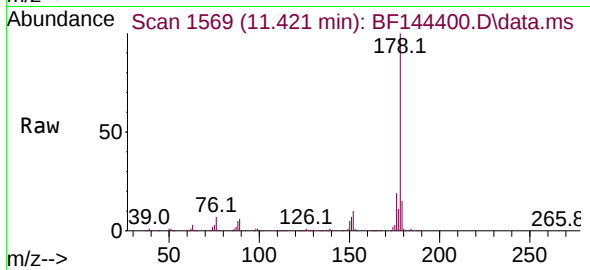




#71
Phenanthrene
Concen: 43.354 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

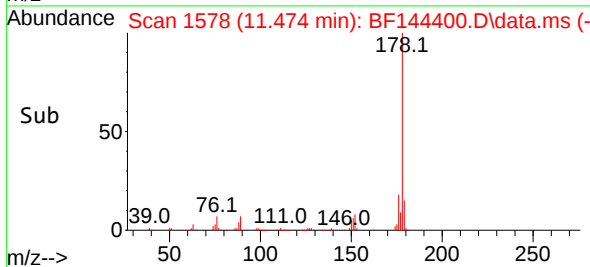
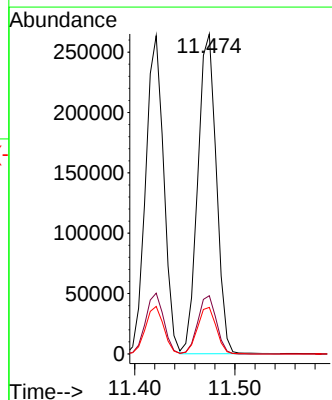
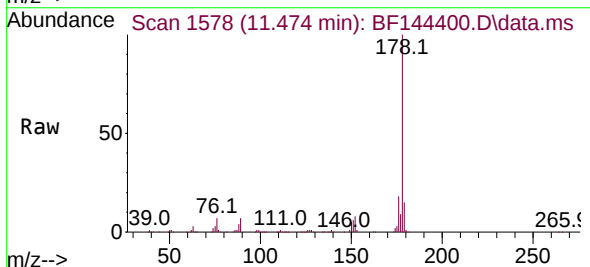
Instrument :
BNA_F
ClientSampleId :
PB170788BS

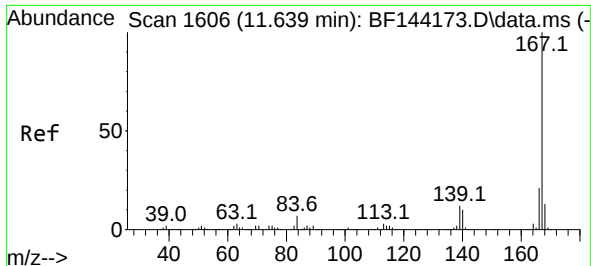
Tgt Ion:178 Resp: 330515
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 14.9 12.2 18.4



#72
Anthracene
Concen: 43.731 ng
RT: 11.474 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

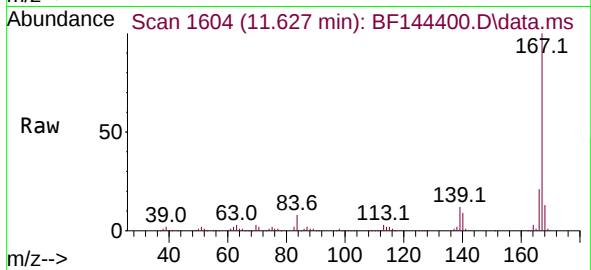
Tgt Ion:178 Resp: 338999
Ion Ratio Lower Upper
178 100
176 18.2 15.3 22.9
179 14.5 12.0 18.0



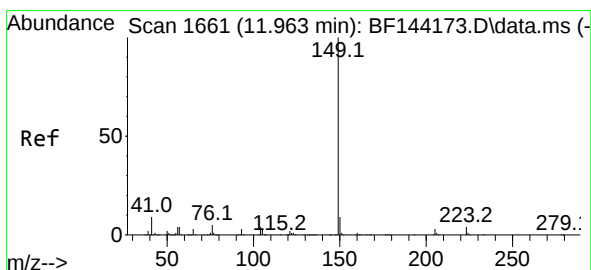
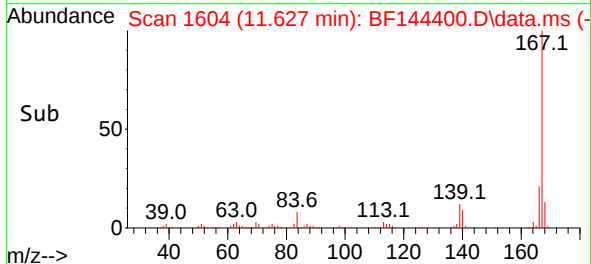
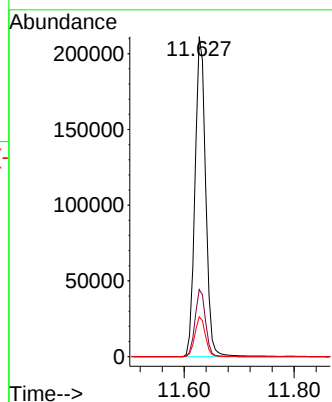


#73
Carbazole
Concen: 43.198 ng
RT: 11.627 min Scan# 1604
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Instrument :
BNA_F
ClientSampleId :
PB170788BS

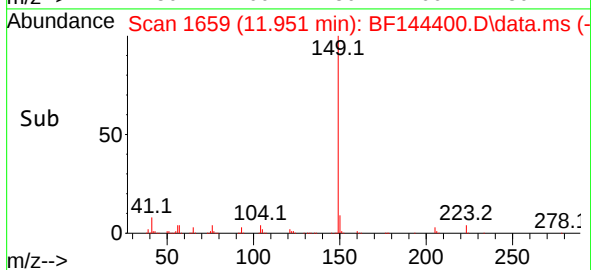
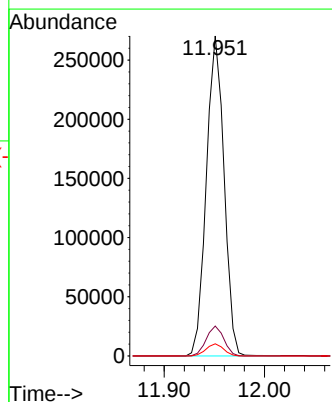
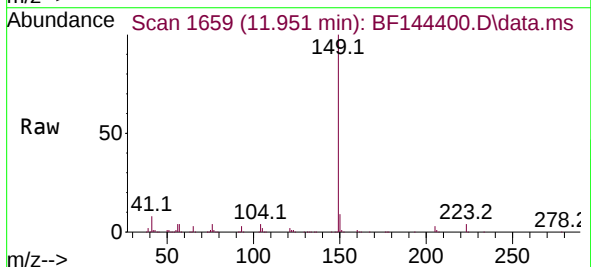


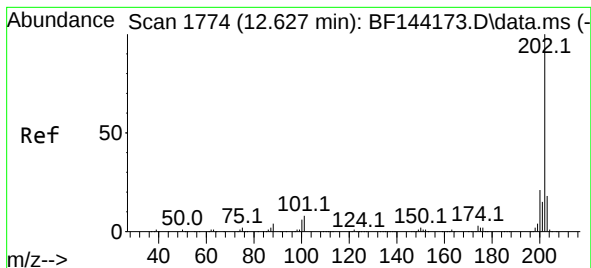
Tgt Ion:167 Resp: 284749
Ion Ratio Lower Upper
167 100
166 21.0 17.2 25.8
139 12.4 9.9 14.9



#74
Di-n-butylphthalate
Concen: 41.438 ng
RT: 11.951 min Scan# 1659
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:149 Resp: 330204
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 3.8 3.4 5.2





#75

Fluoranthene

Concen: 42.174 ng

RT: 12.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

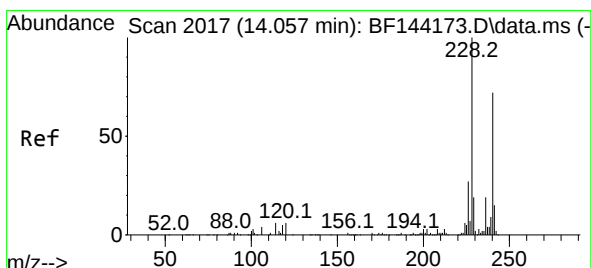
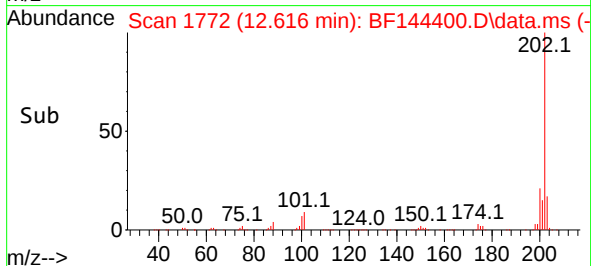
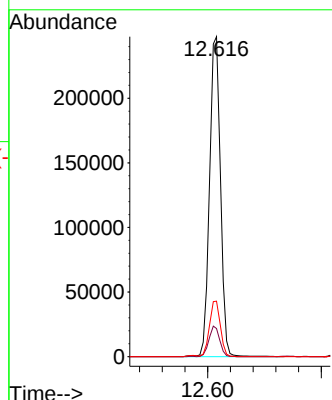
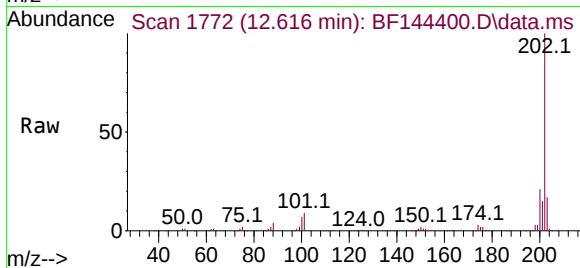
Tgt Ion:202 Resp: 332127

Ion Ratio Lower Upper

202 100

101 8.8 0.0 27.9

203 17.3 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

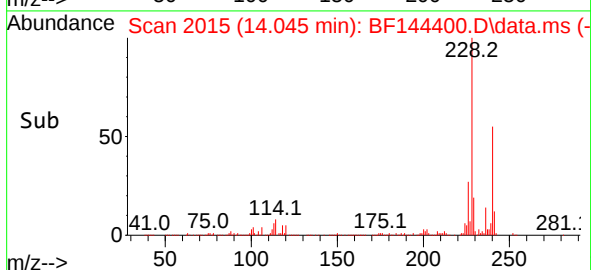
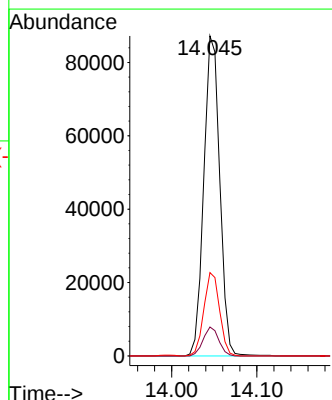
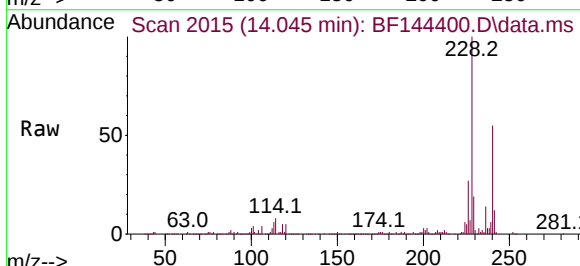
Tgt Ion:240 Resp: 113296

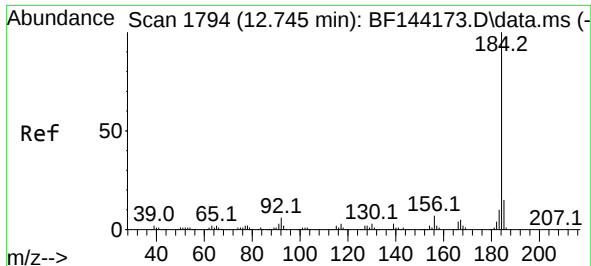
Ion Ratio Lower Upper

240 100

120 9.0 6.6 10.0

236 26.0 21.4 32.2

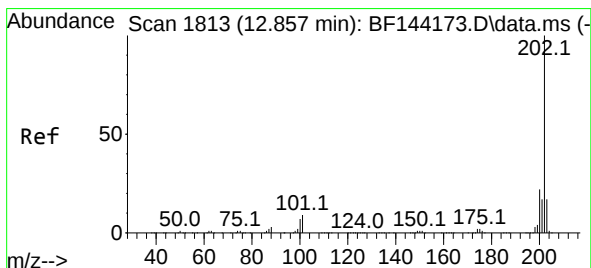
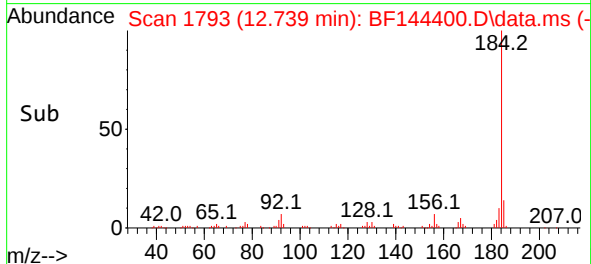
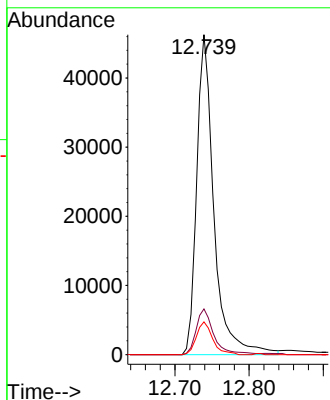
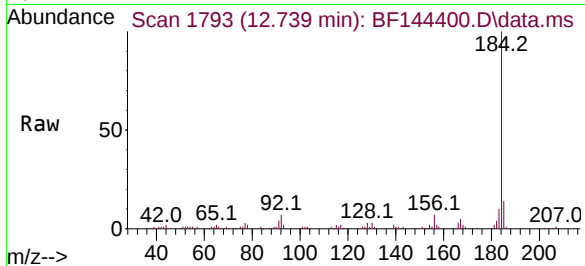




#77
Benzidine
Concen: 22.275 ng
RT: 12.739 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

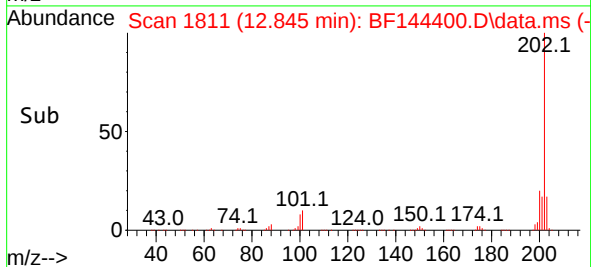
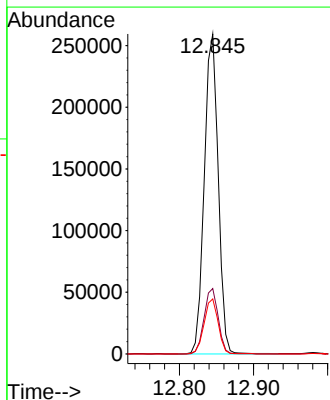
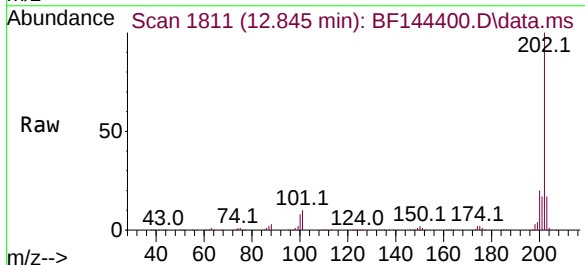
Instrument :
BNA_F
ClientSampleId :
PB170788BS

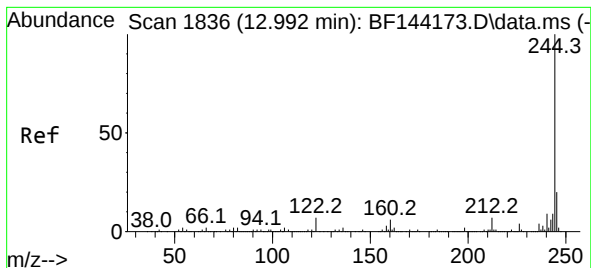
Tgt Ion:184 Resp: 74650
Ion Ratio Lower Upper
184 100
185 14.3 11.7 17.5
183 10.2 8.3 12.5



#78
Pyrene
Concen: 37.032 ng
RT: 12.845 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:202 Resp: 338288
Ion Ratio Lower Upper
202 100
200 20.4 17.2 25.8
203 17.2 13.7 20.5





#79

Terphenyl-d14

Concen: 70.418 ng

RT: 12.980 min Scan# 1834

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

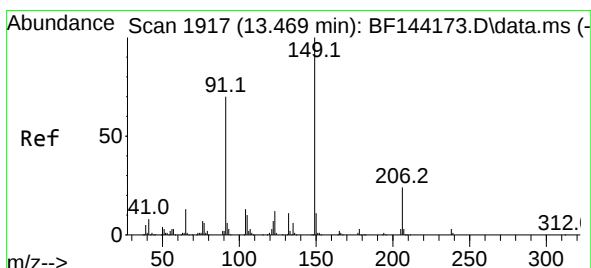
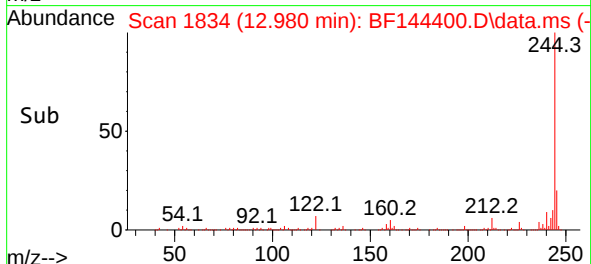
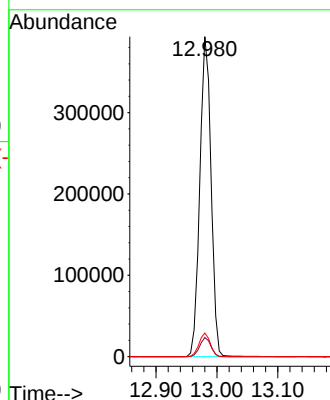
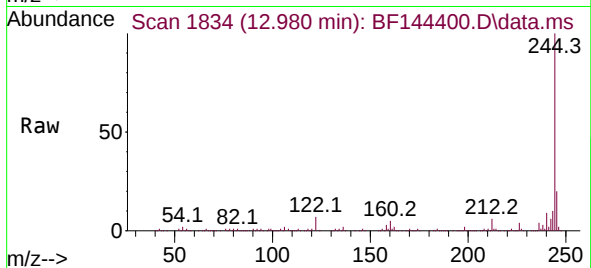
Tgt Ion:244 Resp: 502268

Ion Ratio Lower Upper

244 100

212 6.0 5.3 7.9

122 7.4 5.6 8.4



#80

Butylbenzylphthalate

Concen: 40.368 ng

RT: 13.457 min Scan# 1915

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

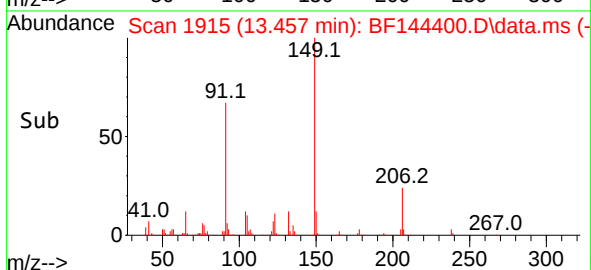
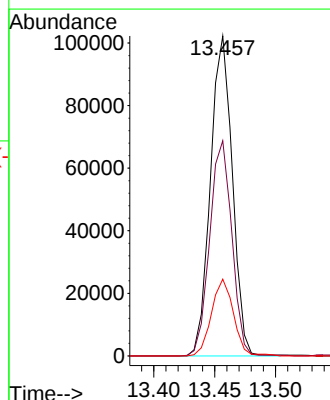
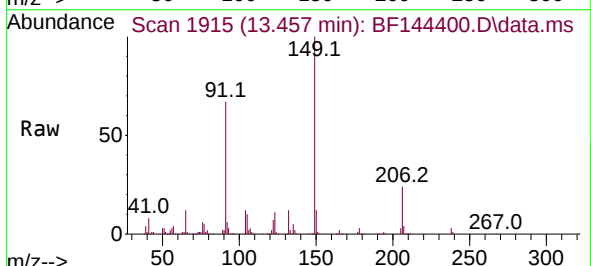
Tgt Ion:149 Resp: 127808

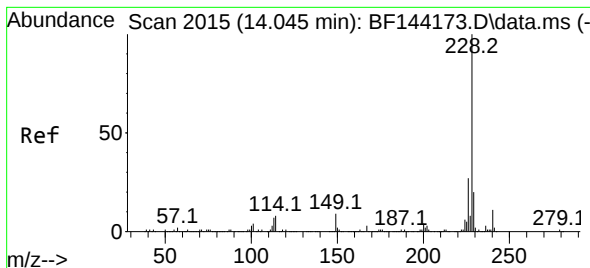
Ion Ratio Lower Upper

149 100

91 67.2 56.1 84.1

206 24.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 44.661 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

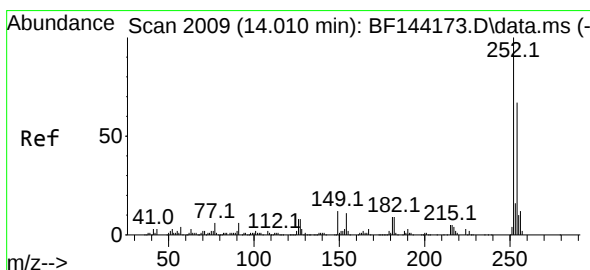
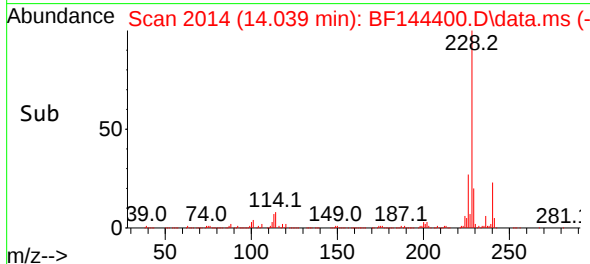
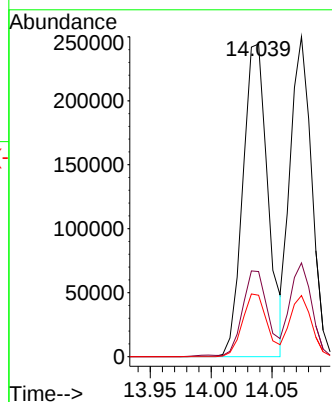
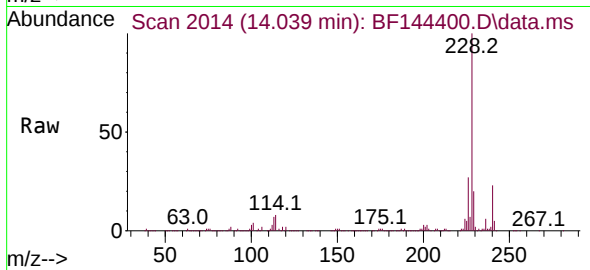
Tgt Ion:228 Resp: 350689

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 35.759 ng

RT: 13.998 min Scan# 2007

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

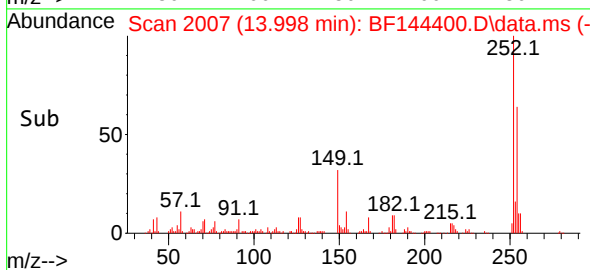
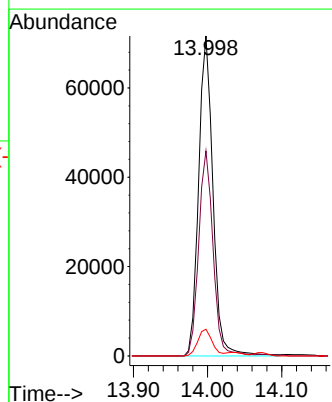
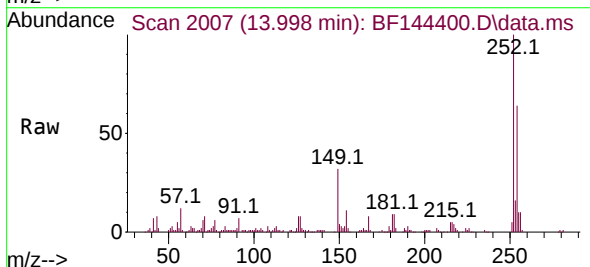
Tgt Ion:252 Resp: 96247

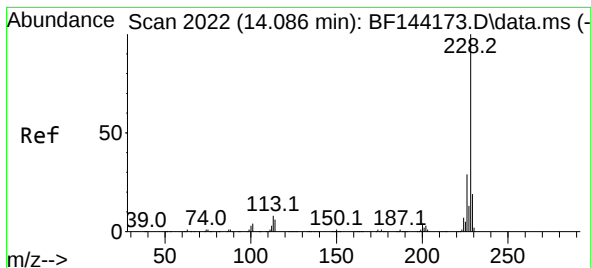
Ion Ratio Lower Upper

252 100

254 64.0 53.5 80.3

126 8.3 6.4 9.6





#83

Chrysene

Concen: 42.395 ng

RT: 14.074 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

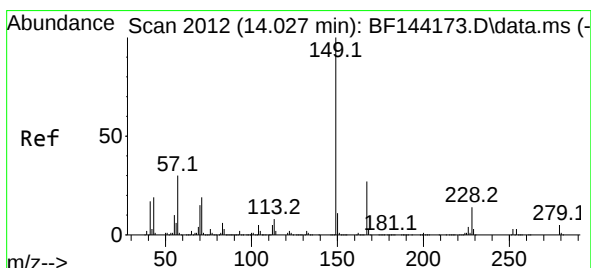
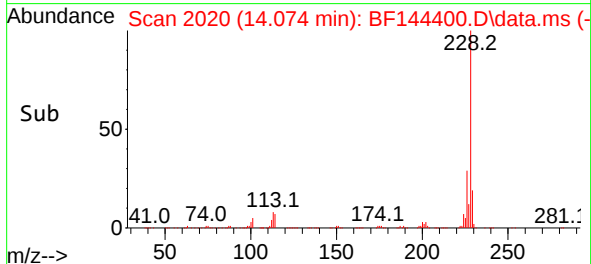
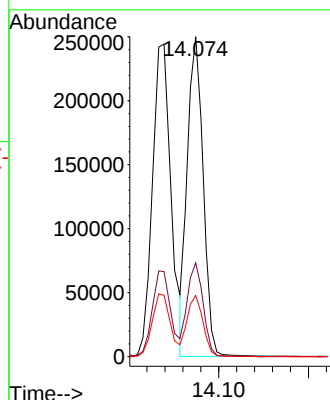
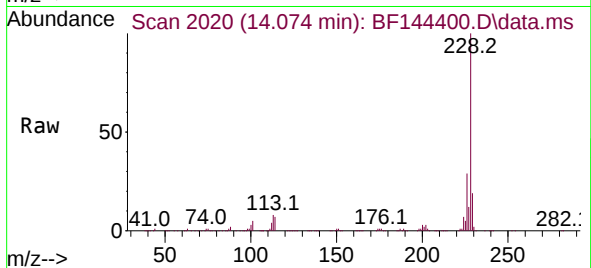
Tgt Ion:228 Resp: 307309

Ion Ratio Lower Upper

228 100

226 29.3 22.9 34.3

229 19.1 15.0 22.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.125 ng

RT: 14.015 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

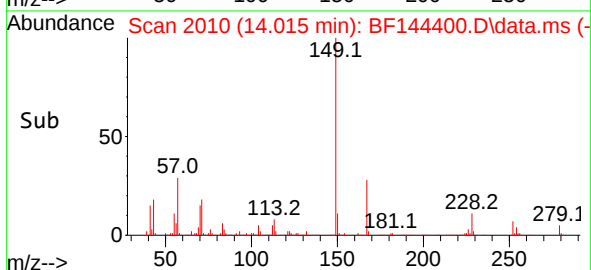
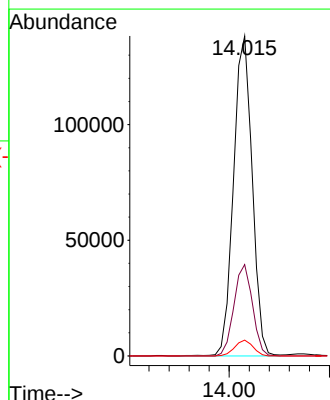
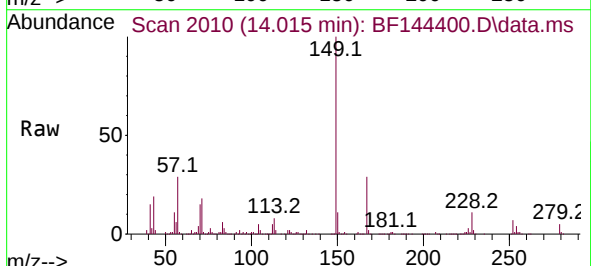
Tgt Ion:149 Resp: 178241

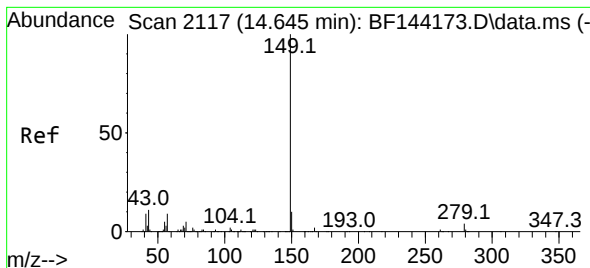
Ion Ratio Lower Upper

149 100

167 28.5 21.8 32.8

279 4.9 3.7 5.5

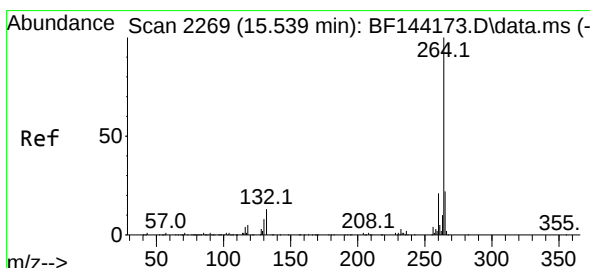
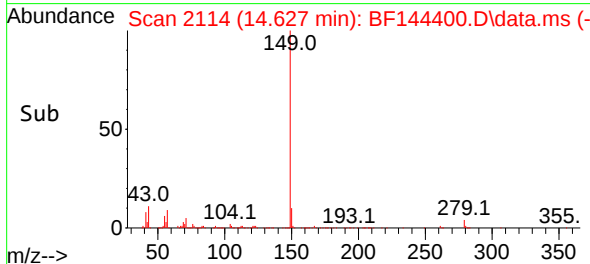
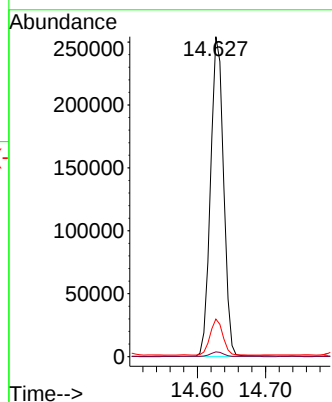
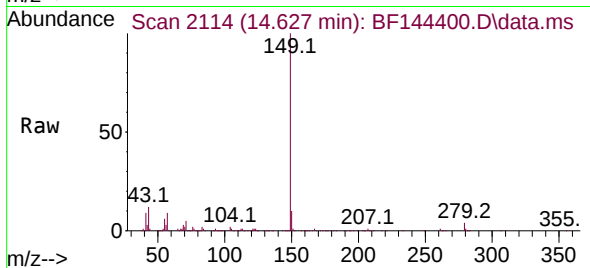




#85
Di-n-octyl phthalate
Concen: 45.044 ng
RT: 14.627 min Scan# 2114
Delta R.T. -0.018 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

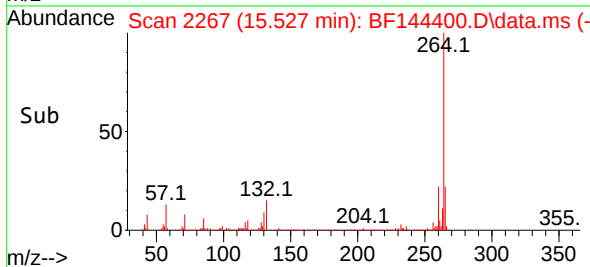
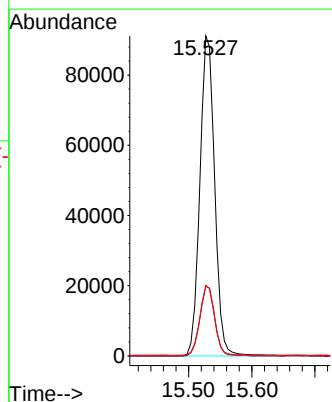
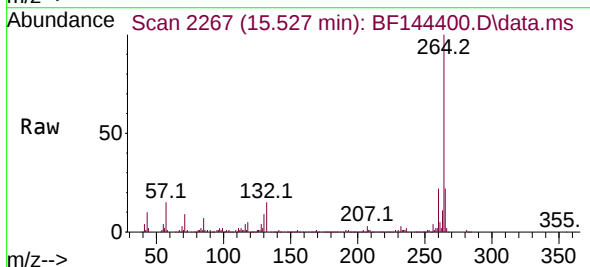
Instrument :
BNA_F
ClientSampleId :
PB170788BS

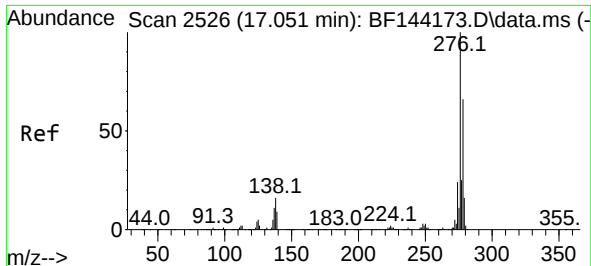
Tgt Ion:149 Resp: 336830
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 2267
Delta R.T. -0.012 min
Lab File: BF144400.D
Acq: 02 Dec 2025 13:47

Tgt Ion:264 Resp: 148082
Ion Ratio Lower Upper
264 100
260 21.7 17.1 25.7
265 22.0 17.4 26.0

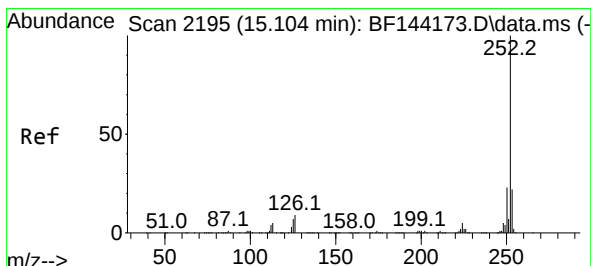
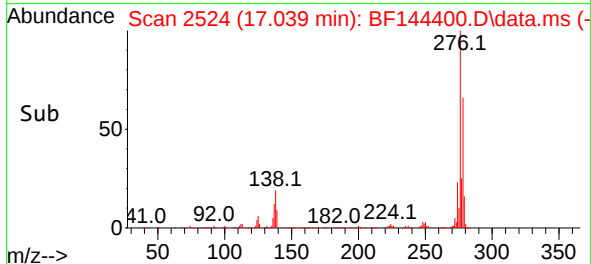
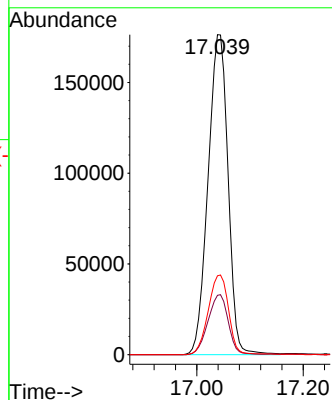
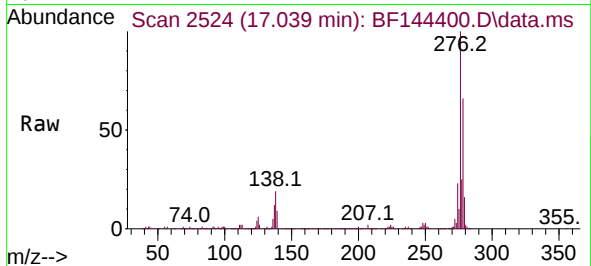




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.217 ng
 RT: 17.039 min Scan# 2194
 Delta R.T. 0.006 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

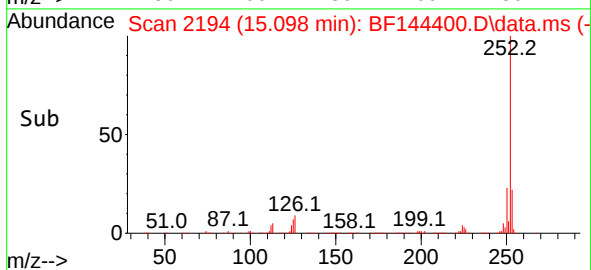
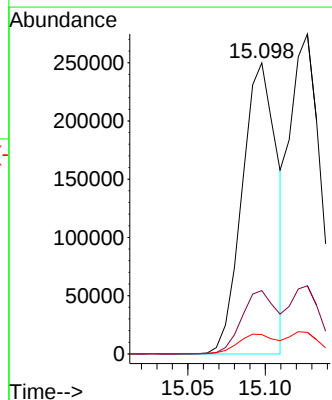
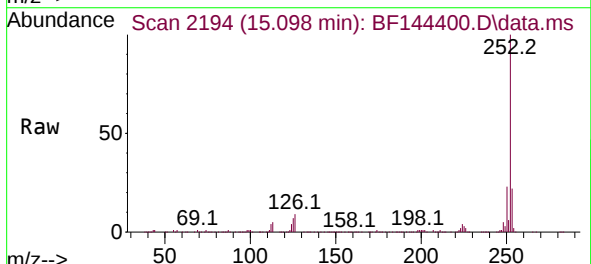
Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

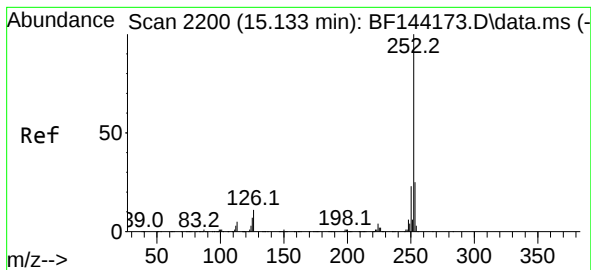
Tgt Ion:276 Resp: 459390
 Ion Ratio Lower Upper
 276 100
 138 19.0 13.9 20.9
 277 25.3 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 46.148 ng
 RT: 15.098 min Scan# 2194
 Delta R.T. -0.000 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

Tgt Ion:252 Resp: 388511
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.4 26.2
 125 6.6 5.3 7.9





#89

Benzo(k)fluoranthene

Concen: 47.191 ng

RT: 15.127 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

Instrument :

BNA_F

ClientSampleId :

PB170788BS

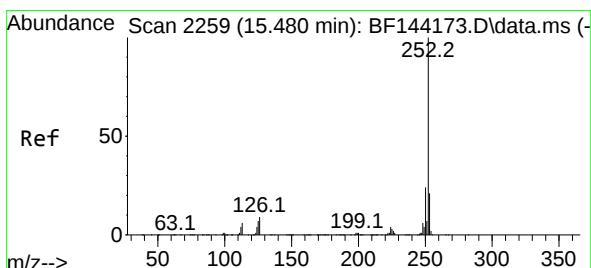
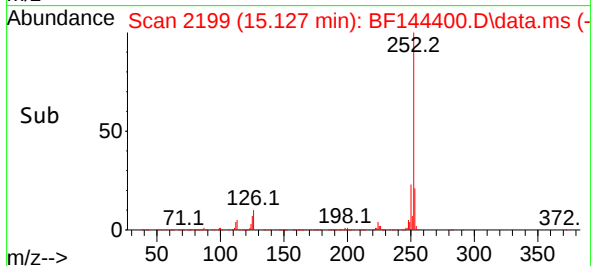
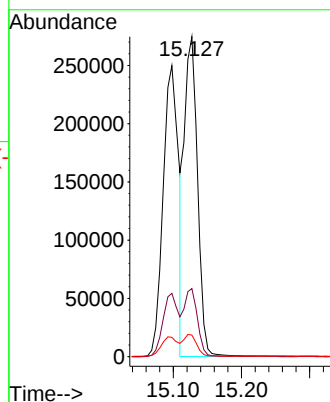
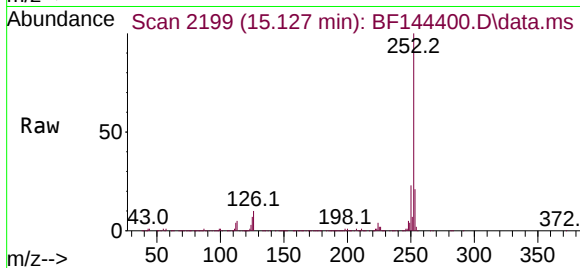
Tgt Ion:252 Resp: 371860

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 6.7 5.4 8.2



#90

Benzo(a)pyrene

Concen: 48.868 ng

RT: 15.468 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF144400.D

Acq: 02 Dec 2025 13:47

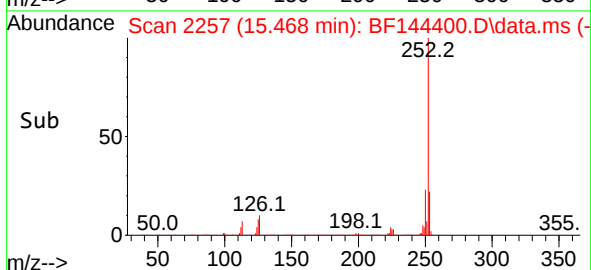
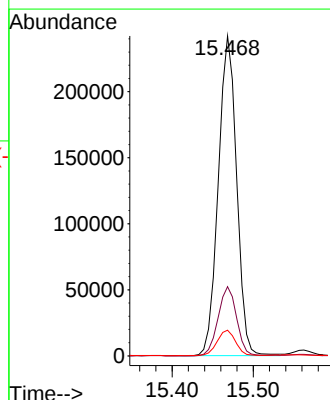
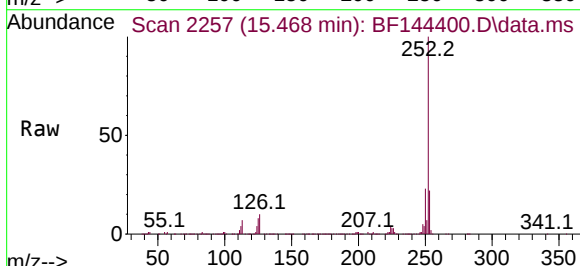
Tgt Ion:252 Resp: 379539

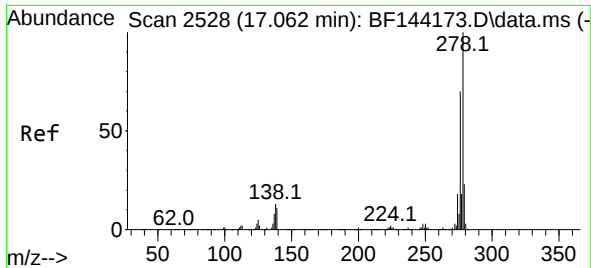
Ion Ratio Lower Upper

252 100

253 21.6 16.7 25.1

125 8.0 5.7 8.5

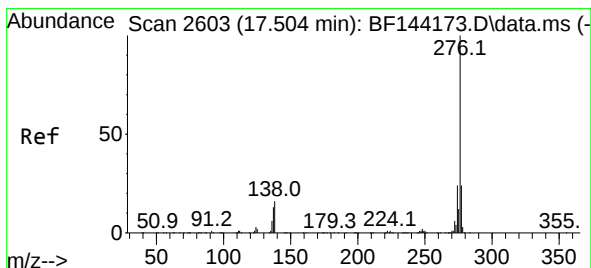
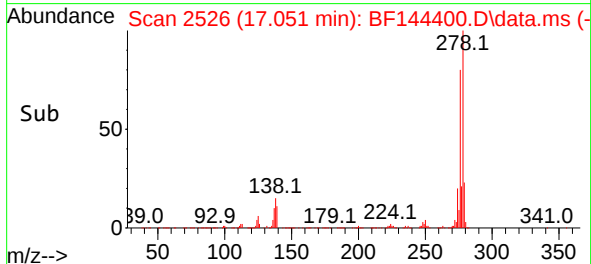
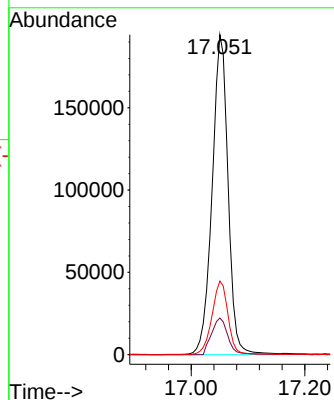
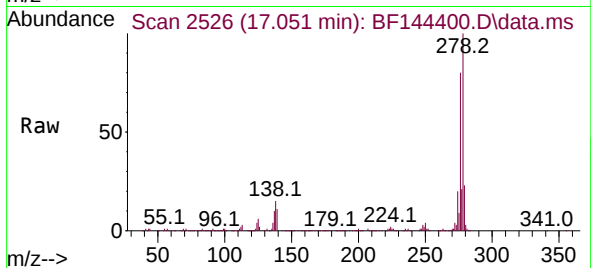




#91
 Dibenzo(a,h)anthracene
 Concen: 44.417 ng
 RT: 17.051 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB170788BS

Tgt Ion:278 Resp: 379182
 Ion Ratio Lower Upper
 278 100
 139 11.4 9.1 13.7
 279 23.0 18.2 27.4



#92
 Benzo(g,h,i)perylene
 Concen: 45.332 ng
 RT: 17.498 min Scan# 2602
 Delta R.T. 0.006 min
 Lab File: BF144400.D
 Acq: 02 Dec 2025 13:47

Tgt Ion:276 Resp: 382162
 Ion Ratio Lower Upper
 276 100
 277 23.4 19.0 28.4
 138 17.4 12.9 19.3

