

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142386.D
 Acq On : 15 May 2025 11:06
 Operator : RC/JU
 Sample : PB167951BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

Quant Time: May 15 12:17:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	183759	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	709461	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	390383	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	683655	20.000	ng	0.00
76) Chrysene-d12	14.069	240	358537	20.000	ng	0.00
86) Perylene-d12	15.557	264	373046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1284437	119.321	ng	0.02
7) Phenol-d6	6.528	99	1553880	117.366	ng	0.00
23) Nitrobenzene-d5	7.469	82	948826	81.564	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	536451	142.330	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1960008	71.589	ng	0.00
79) Terphenyl-d14	13.016	244	1921973	79.343	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	154852	31.945	ng	98
3) Pyridine	3.534	79	419284	36.841	ng	99
4) n-Nitrosodimethylamine	3.487	42	256246	38.740	ng	99
6) Aniline	6.569	93	561568	43.244	ng	98
8) 2-Chlorophenol	6.687	128	512971	44.594	ng	98
9) Benzaldehyde	6.451	77	303883	39.217	ng	100
10) Phenol	6.545	94	624910	44.528	ng	94
11) bis(2-Chloroethyl)ether	6.640	93	480788	34.740	ng	99
12) 1,3-Dichlorobenzene	6.845	146	534851	40.642	ng	98
13) 1,4-Dichlorobenzene	6.922	146	537927	40.711	ng	99
14) 1,2-Dichlorobenzene	7.075	146	523399	41.268	ng	99
15) Benzyl Alcohol	7.040	79	411059	47.948	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	801766	38.795	ng	99
17) 2-Methylphenol	7.151	107	400813	43.038	ng	99
18) Hexachloroethane	7.416	117	185824	42.268	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	337716	41.238	ng	99
20) 3+4-Methylphenols	7.304	107	497423	42.797	ng	92
22) Acetophenone	7.310	105	649406	41.168	ng	94
24) Nitrobenzene	7.487	77	492634	44.925	ng	97
25) Isophorone	7.722	82	924519	41.969	ng	100
26) 2-Nitrophenol	7.798	139	268958	50.641	ng	99
27) 2,4-Dimethylphenol	7.834	122	491276	44.357	ng	100
28) bis(2-Chloroethoxy)met...	7.934	93	581272	41.036	ng	100
29) 2,4-Dichlorophenol	8.040	162	438536	46.573	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	456485	43.077	ng	99
31) Naphthalene	8.210	128	1435630	41.752	ng	100
32) Benzoic acid	7.957	122	327035	53.296	ng	99
33) 4-Chloroaniline	8.257	127	85243	6.076	ng	98
34) Hexachlorobutadiene	8.322	225	273992	43.664	ng	99
35) Caprolactam	8.622	113	71850	26.182	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	464569	47.463	ng	99
37) 2-Methylnaphthalene	8.898	142	901910	42.213	ng	99
38) 1-Methylnaphthalene	8.998	142	935769	42.021	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	451848	41.442	ng	99
41) Hexachlorocyclopentadiene	9.051	237	607941	90.221	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	327505	47.621	ng	99

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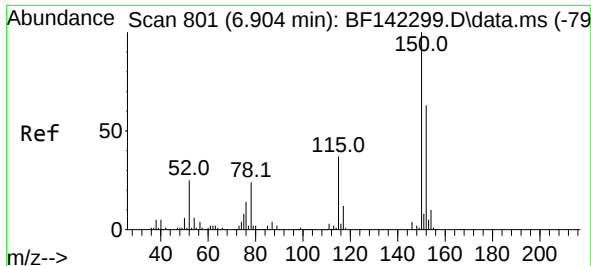
Quant Time: May 15 12:17:49 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	345379	47.199	ng	99
46) 1,1'-Biphenyl	9.363	154	1229160	41.065	ng	99
47) 2-Chloronaphthalene	9.386	162	916262	41.162	ng	100
48) 2-Nitroaniline	9.481	65	287593	50.405	ng	95
49) Acenaphthylene	9.804	152	1563555	41.988	ng	99
50) Dimethylphthalate	9.663	163	1114509	44.460	ng	100
51) 2,6-Dinitrotoluene	9.722	165	251258	53.548	ng	91
52) Acenaphthene	9.975	154	1053599	47.056	ng	99
53) 3-Nitroaniline	9.892	138	148171	26.925	ng	94
54) 2,4-Dinitrophenol	9.998	184	299083	117.829	ng	# 1
55) Dibenzofuran	10.151	168	1371115	41.493	ng	100
56) 4-Nitrophenol	10.051	139	464288	112.100	ng	97
57) 2,4-Dinitrotoluene	10.128	165	347454	57.728	ng	95
58) Fluorene	10.492	166	1051263	41.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	305641	50.597	ng	97
60) Diethylphthalate	10.363	149	1107155	44.226	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	518059	42.581	ng	99
62) 4-Nitroaniline	10.510	138	255090	58.486	ng	99
63) Azobenzene	10.645	77	986822	41.252	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	182627	55.913	ng	98
66) n-Nitrosodiphenylamine	10.604	169	955633	42.007	ng	100
67) 4-Bromophenyl-phenylether	10.975	248	337616	43.574	ng	96
68) Hexachlorobenzene	11.039	284	375531	44.062	ng	95
69) Atrazine	11.128	200	293766	48.987	ng	99
70) Pentachlorophenol	11.233	266	471856	105.241	ng	97
71) Phenanthrene	11.457	178	1503753	41.963	ng	100
72) Anthracene	11.504	178	1524726	41.409	ng	100
73) Carbazole	11.657	167	1390787	42.101	ng	100
74) Di-n-butylphthalate	11.986	149	1588510	45.730	ng	100
75) Fluoranthene	12.639	202	1487674	41.530	ng	100
77) Benzidine	12.763	184	473065	72.605	ng	97
78) Pyrene	12.869	202	1474683	46.209	ng	100
80) Butylbenzylphthalate	13.486	149	449443	48.238	ng	100
81) Benzo(a)anthracene	14.057	228	1014145	43.677	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	206951	38.327	ng	99
83) Chrysene	14.092	228	939233	43.452	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	581894	47.979	ng	100
85) Di-n-octyl phthalate	14.663	149	1080903	49.196	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1184117	45.630	ng	98
88) Benzo(b)fluoranthene	15.116	252	975513	43.176	ng	100
89) Benzo(k)fluoranthene	15.151	252	902489	43.649	ng	100
90) Benzo(a)pyrene	15.498	252	932498	46.057	ng	98
91) Dibenzo(a,h)anthracene	17.086	278	974032	45.433	ng	98
92) Benzo(g,h,i)perylene	17.527	276	943811	44.356	ng	97

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

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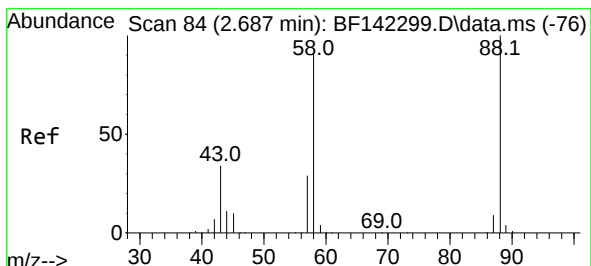
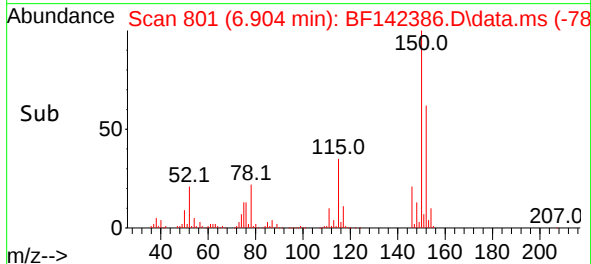
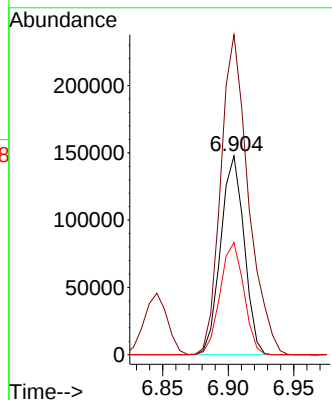
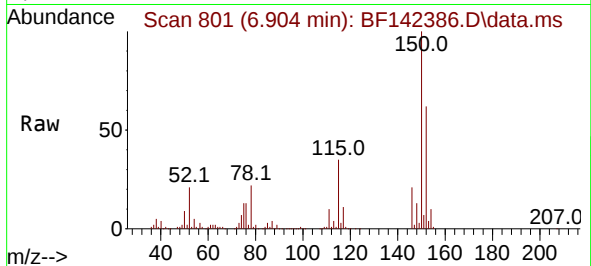




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

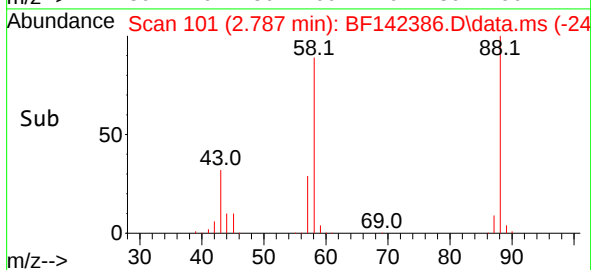
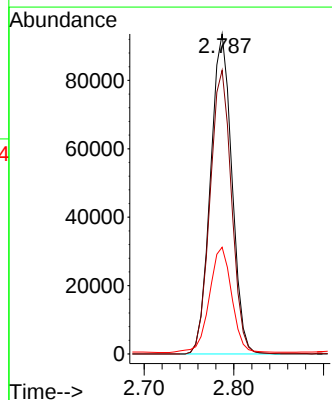
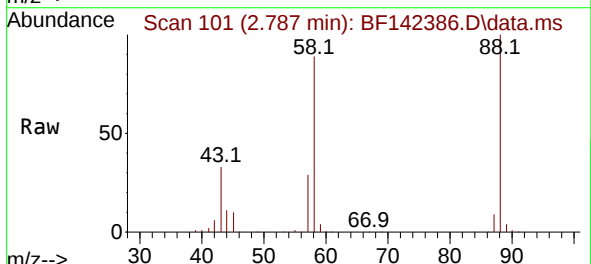
Instrument :
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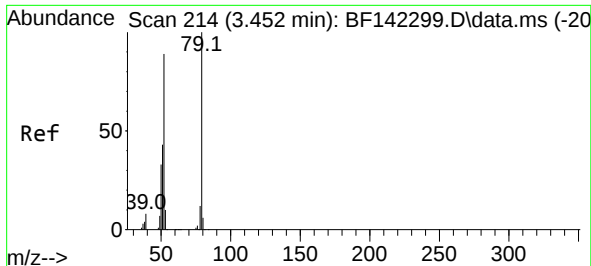
Tgt Ion:152 Resp: 183759
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.6 190.0
 115 56.4 47.3 70.9



#2
 1,4-Dioxane
 Concen: 31.945 ng
 RT: 2.787 min Scan# 101
 Delta R.T. 0.100 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Tgt Ion: 88 Resp: 154852
 Ion Ratio Lower Upper
 88 100
 58 88.9 73.0 109.4
 43 34.5 27.8 41.6

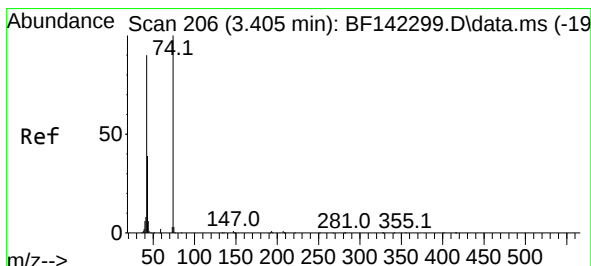
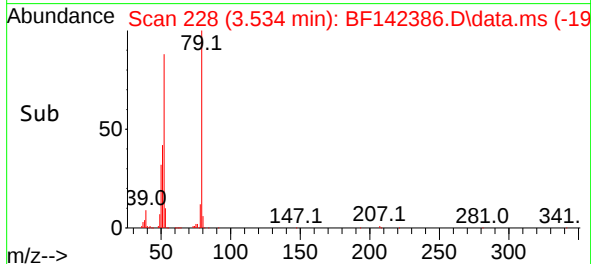
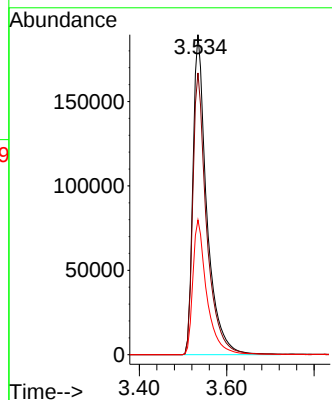
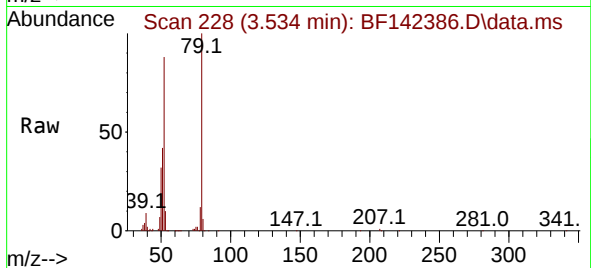




#3
Pyridine
Concen: 36.841 ng
RT: 3.534 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

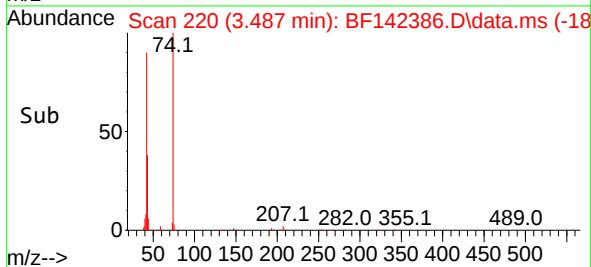
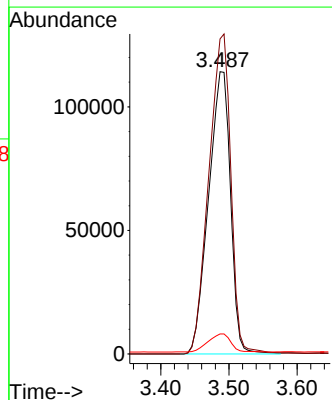
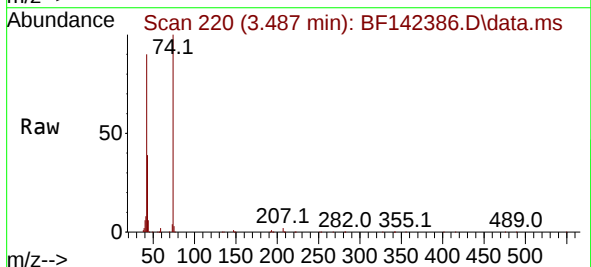
Instrument :
BNA_F
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Tgt Ion: 79 Resp: 419284
Ion Ratio Lower Upper
79 100
52 88.0 71.0 106.4
51 42.1 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 38.740 ng
RT: 3.487 min Scan# 220
Delta R.T. 0.082 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 42 Resp: 256246
Ion Ratio Lower Upper
42 100
74 111.6 88.5 132.7
44 7.1 5.8 8.8

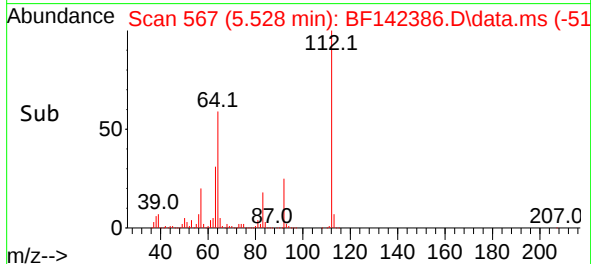
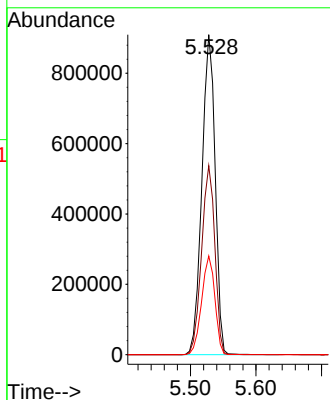
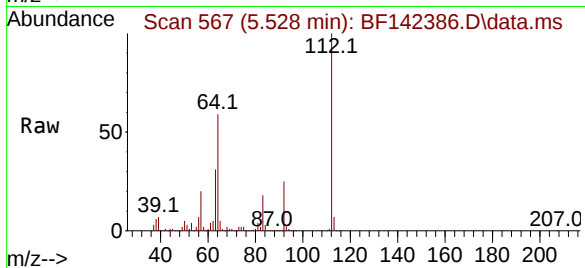




#5
2-Fluorophenol
Concen: 119.321 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

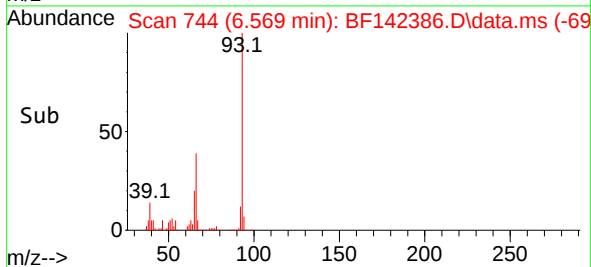
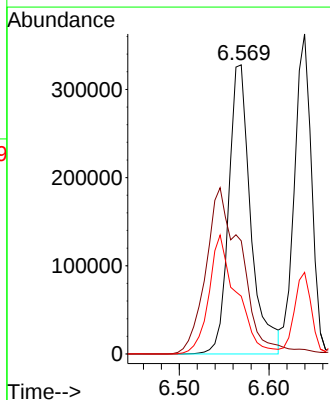
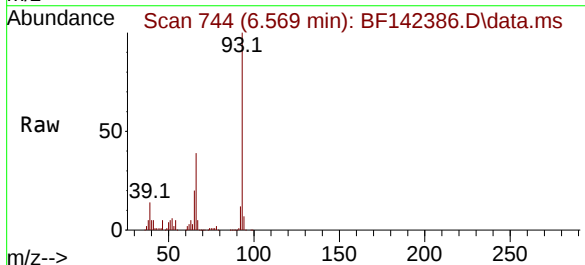
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ClientSampleId :
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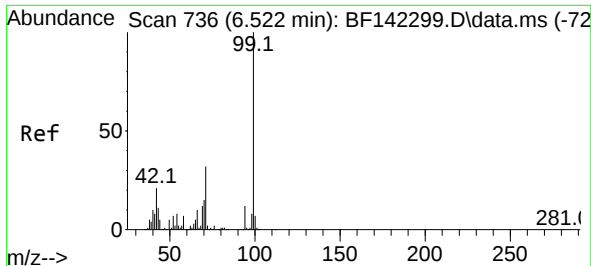
Tgt Ion:112 Resp: 1284437
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 30.8 25.6 38.4



#6
Aniline
Concen: 43.244 ng
RT: 6.569 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 93 Resp: 561568
Ion Ratio Lower Upper
93 100
66 39.1 32.2 48.4
65 20.0 16.3 24.5



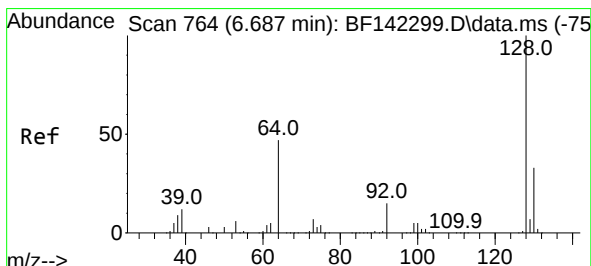
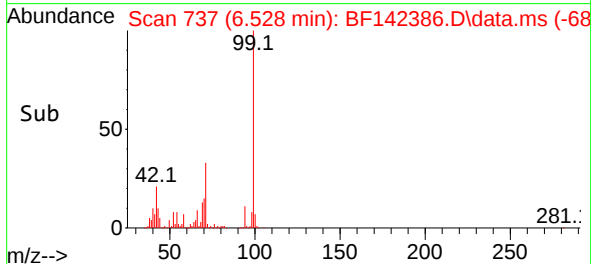
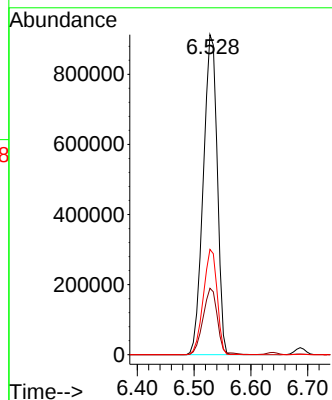
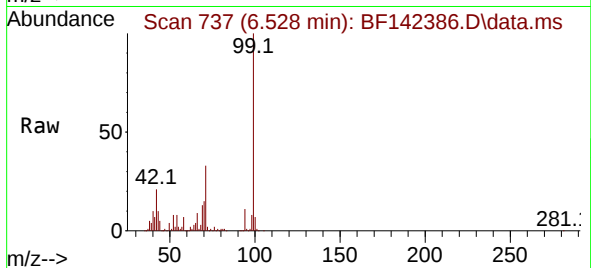


#7
Phenol-d6
Concen: 117.366 ng
RT: 6.528 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1553880

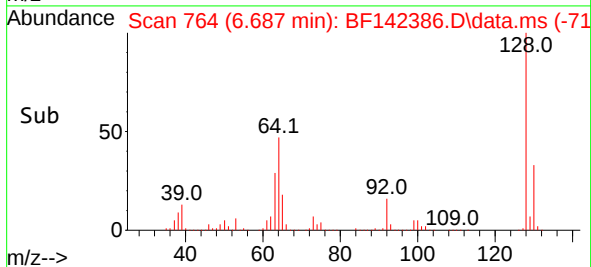
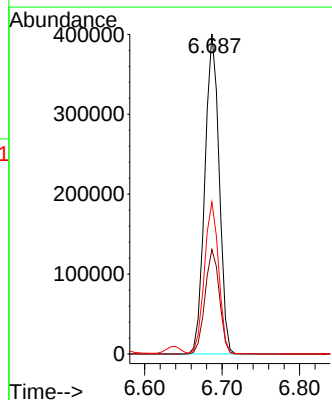
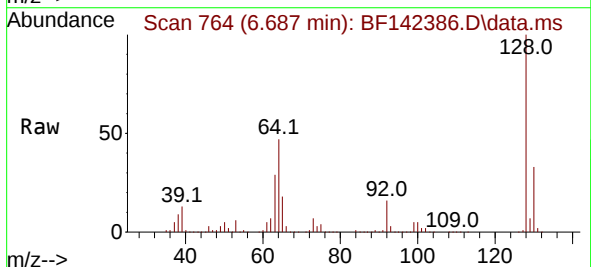
Ion	Ratio	Lower	Upper
99	100		
42	20.8	17.0	25.4
71	32.9	25.8	38.8

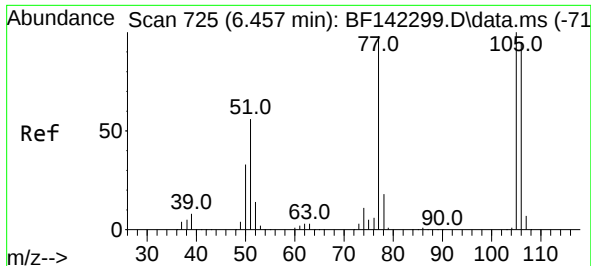


#8
2-Chlorophenol
Concen: 44.594 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 128 Resp: 512971

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	47.5	29.2	69.2

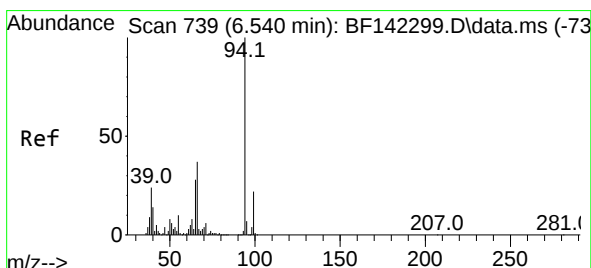
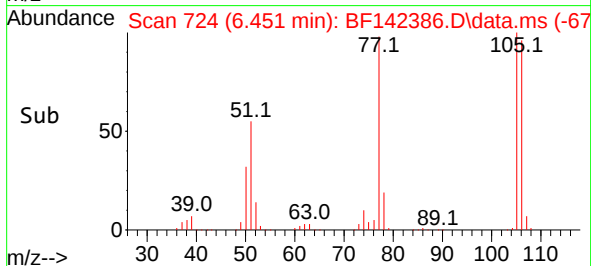
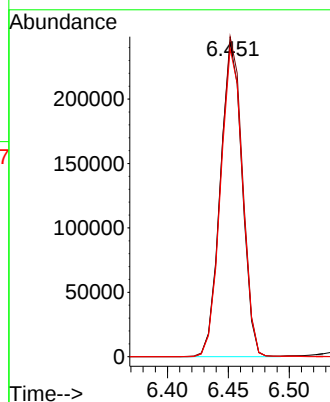
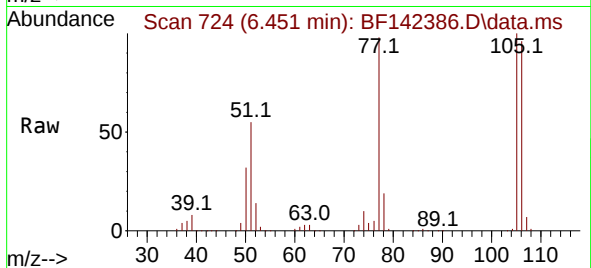




#9
Benzaldehyde
Concen: 39.217 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

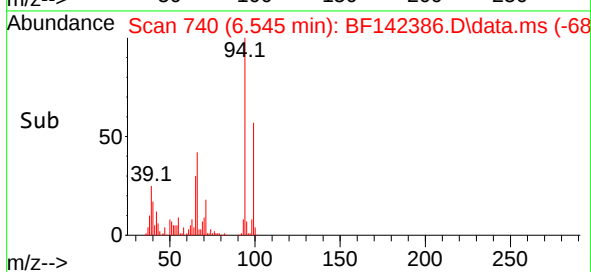
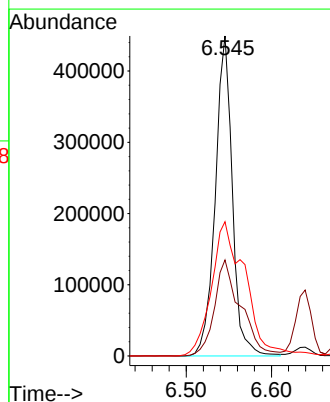
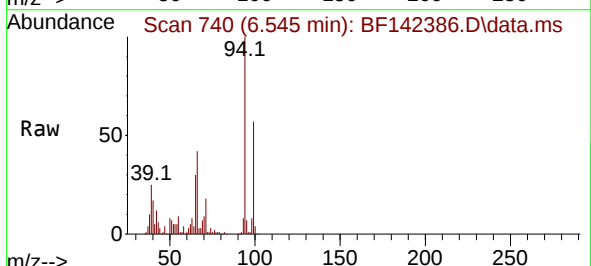
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 77 Resp: 303883
Ion Ratio Lower Upper
77 100
105 101.7 82.0 122.0
106 97.9 77.2 117.2



#10
Phenol
Concen: 44.528 ng
RT: 6.545 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 94 Resp: 624910
Ion Ratio Lower Upper
94 100
65 30.0 8.5 48.5
66 42.0 17.3 57.3

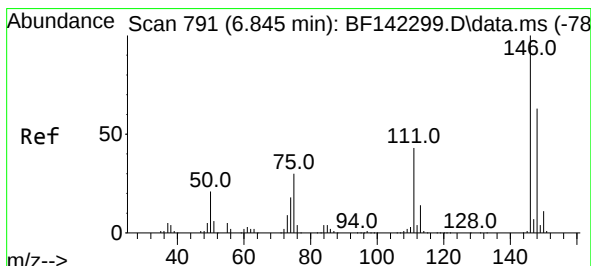
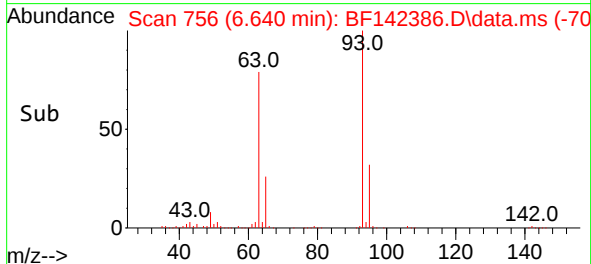
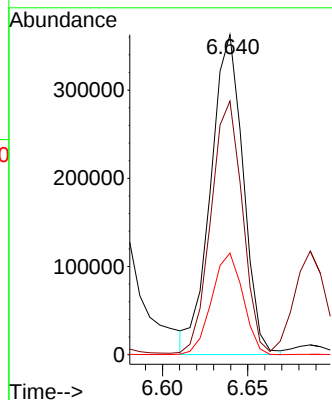
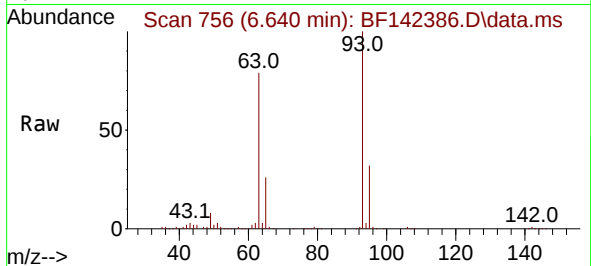




#11
bis(2-Chloroethyl)ether
Concen: 34.740 ng
RT: 6.640 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

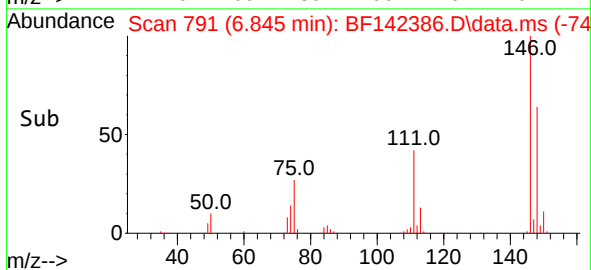
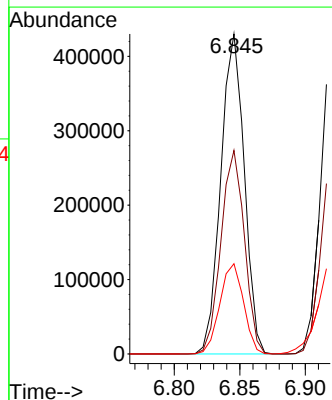
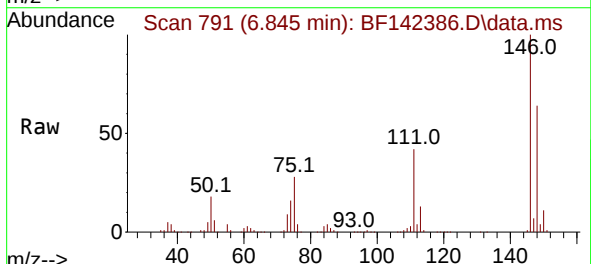
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion: 93 Resp: 480788
Ion Ratio Lower Upper
93 100
63 79.3 58.4 98.4
95 31.8 10.6 50.6



#12
1,3-Dichlorobenzene
Concen: 40.642 ng
RT: 6.845 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 146 Resp: 534851
Ion Ratio Lower Upper
146 100
148 63.6 50.6 76.0
75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 40.711 ng

RT: 6.922 min Scan# 80

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

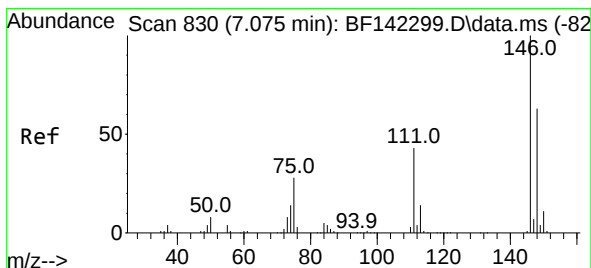
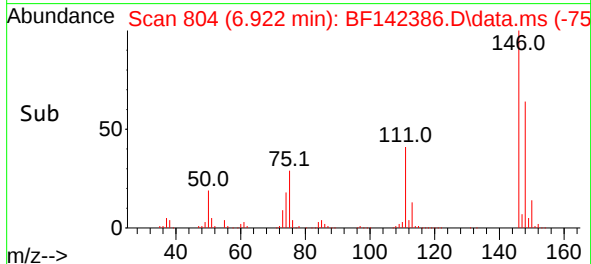
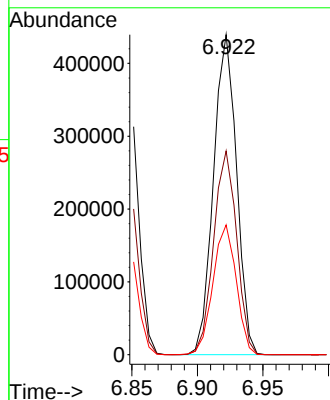
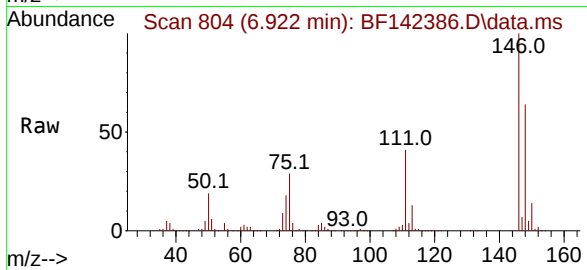
Tgt Ion:146 Resp: 537927

Ion Ratio Lower Upper

146 100

148 63.7 50.5 75.7

111 40.5 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 41.268 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

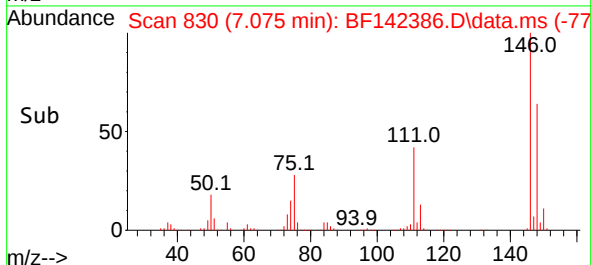
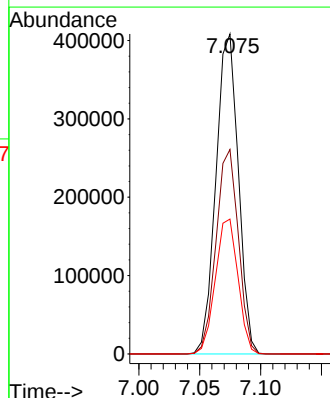
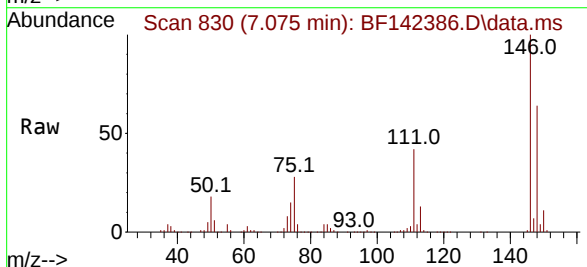
Tgt Ion:146 Resp: 523399

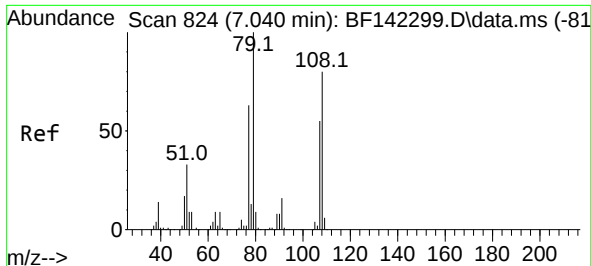
Ion Ratio Lower Upper

146 100

148 63.9 50.3 75.5

111 42.2 34.5 51.7

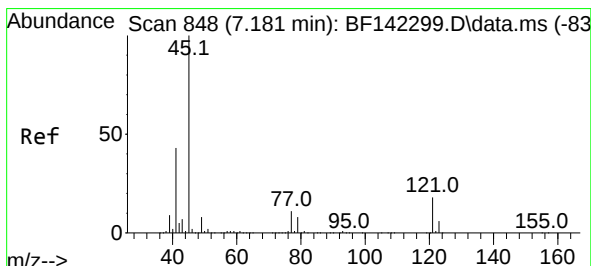
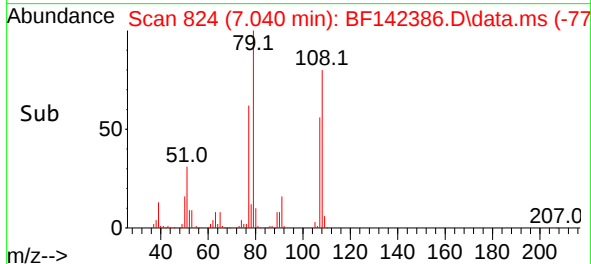
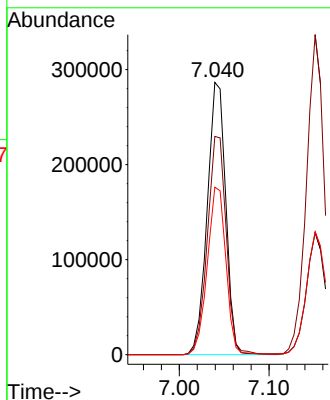
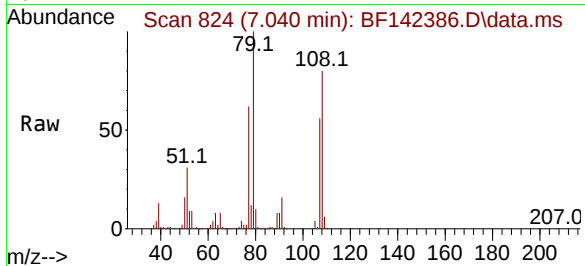




#15
Benzyl Alcohol
Concen: 47.948 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

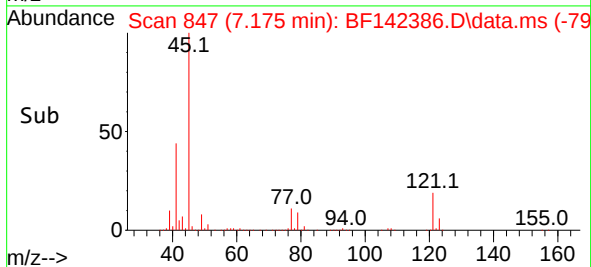
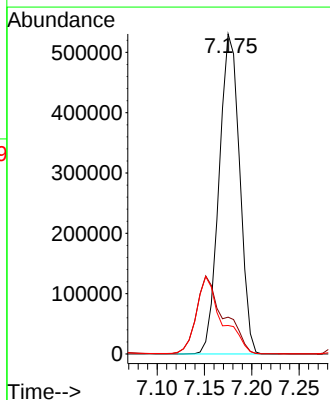
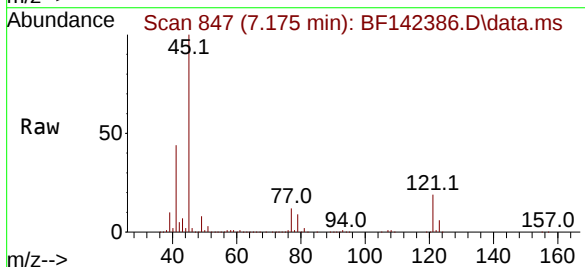
Instrument :
BNA_F
ClientSampleId :
PB167951BS

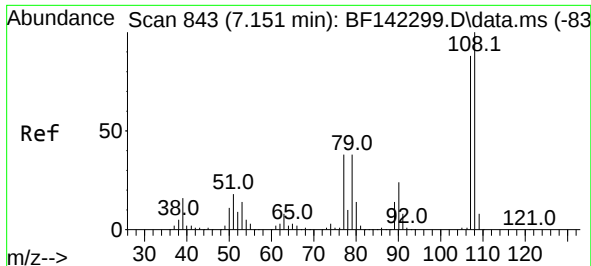
Tgt Ion: 79 Resp: 411059
Ion Ratio Lower Upper
79 100
108 80.1 63.9 95.9
77 61.5 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.795 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 45 Resp: 801766
Ion Ratio Lower Upper
45 100
77 11.5 0.0 31.2
79 8.9 0.0 28.5

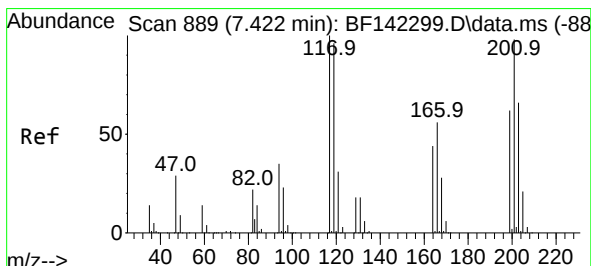
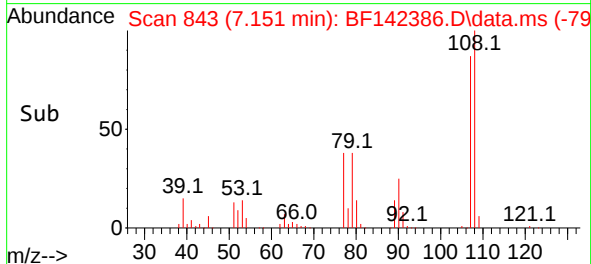
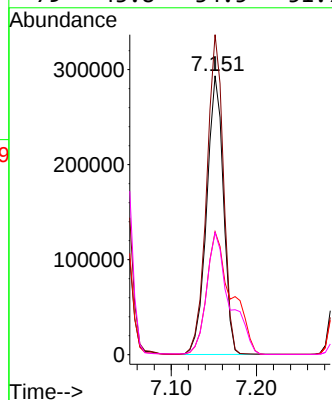
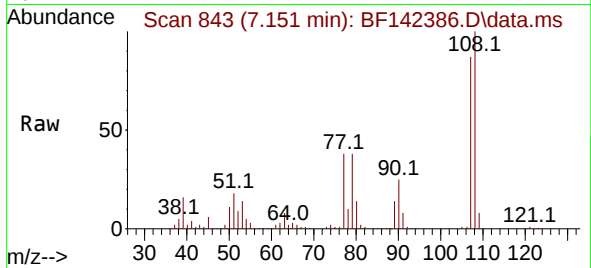




#17
2-Methylphenol
Concen: 43.038 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

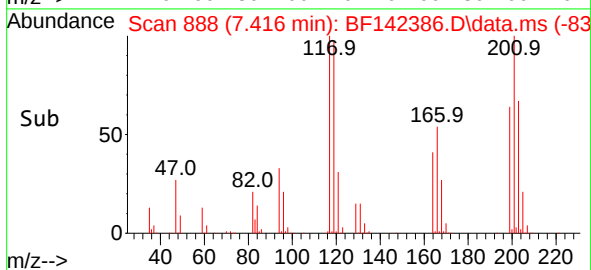
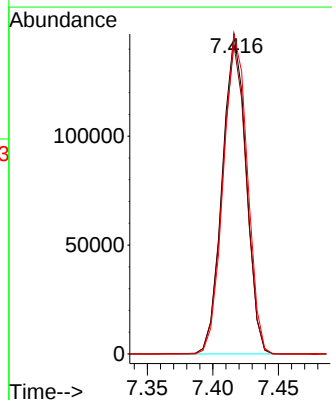
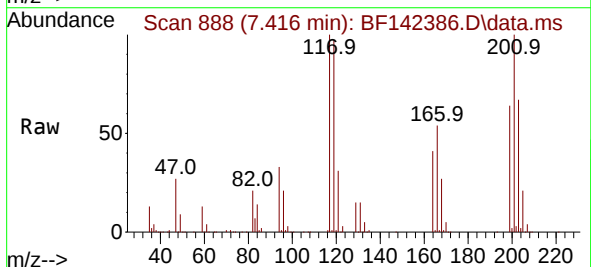
Instrument :
BNA_F
ClientSampleId :
PB167951BS

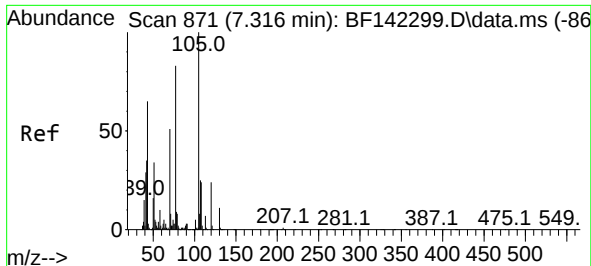
Tgt Ion:107 Resp: 400813
Ion Ratio Lower Upper
107 100
108 114.8 91.1 136.7
77 44.1 34.7 52.1
79 43.8 34.5 51.7



#18
Hexachloroethane
Concen: 42.268 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:117 Resp: 185824
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3
201 99.8 78.0 117.0





#19

n-Nitroso-di-n-propylamine

Concen: 41.238 ng

RT: 7.316 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

Tgt Ion: 70 Resp: 337716

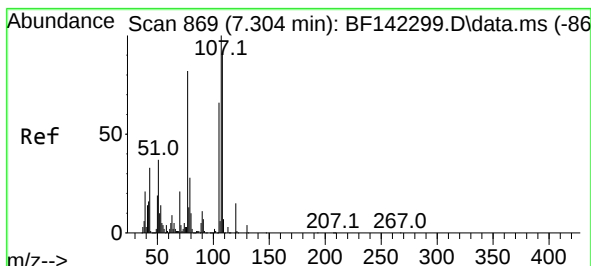
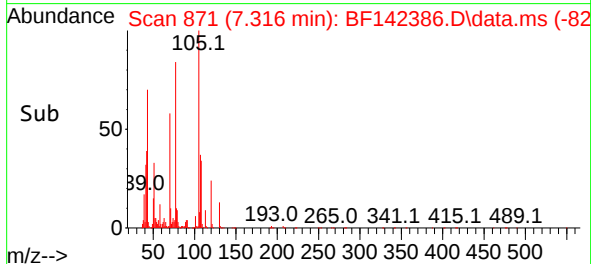
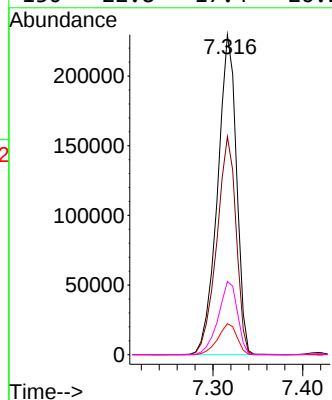
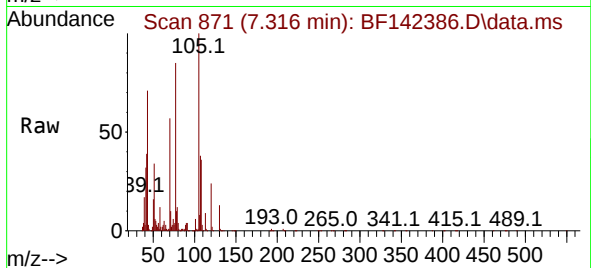
Ion Ratio Lower Upper

70 100

42 68.2 54.8 82.2

101 9.7 7.7 11.5

130 22.8 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.797 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Tgt Ion: 107 Resp: 497423

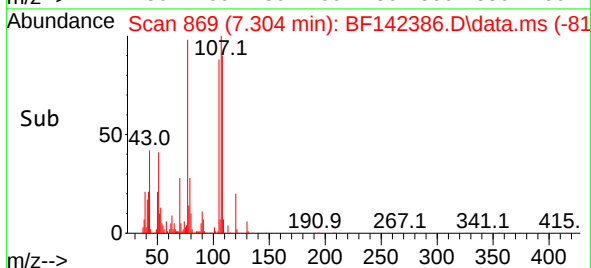
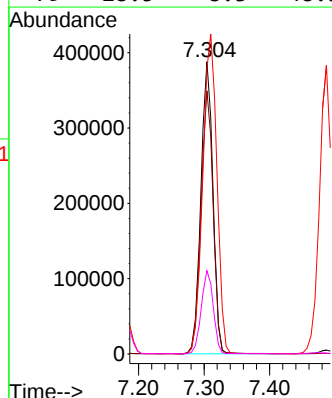
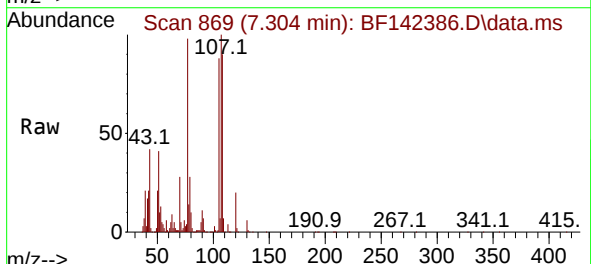
Ion Ratio Lower Upper

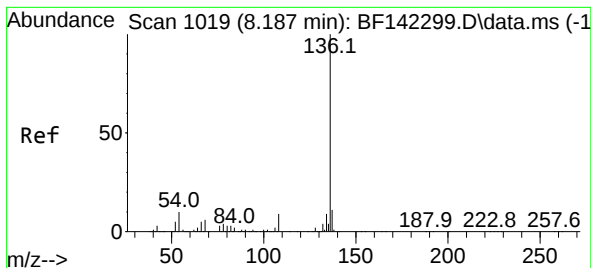
107 100

108 90.1 71.5 111.5

77 97.6 61.6 101.6

79 28.5 8.3 48.3



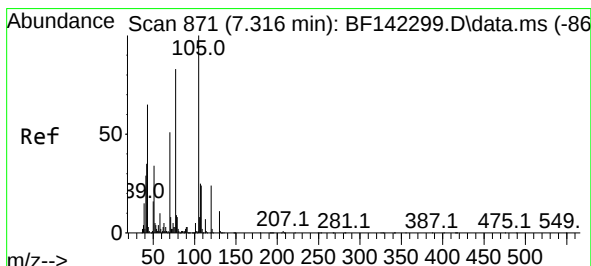
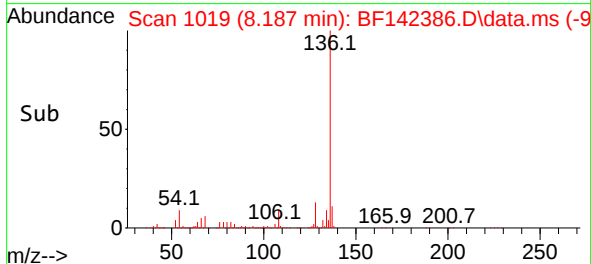
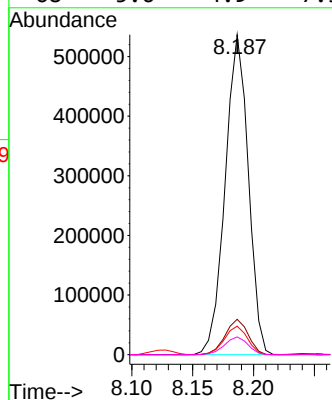
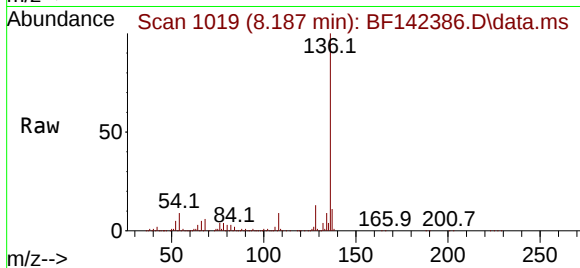


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:136 Resp: 709461

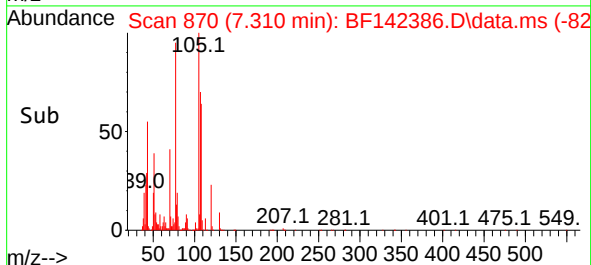
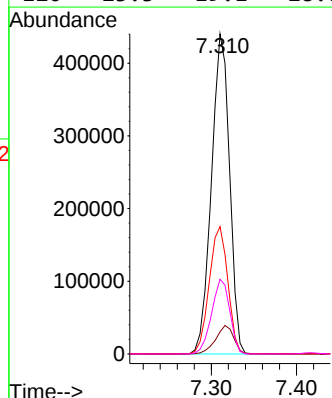
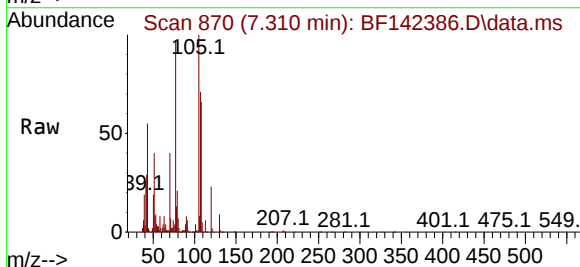
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3

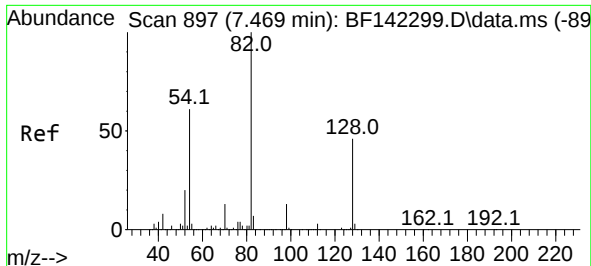


#22
Acetophenone
Concen: 41.168 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:105 Resp: 649406

Ion	Ratio	Lower	Upper
105	100		
71	6.9	6.7	10.1
51	39.8	27.6	41.4
120	23.3	19.1	28.7





#23

Nitrobenzene-d5

Concen: 81.564 ng

RT: 7.469 min Scan# 897

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

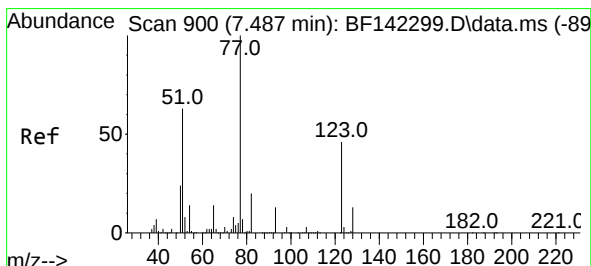
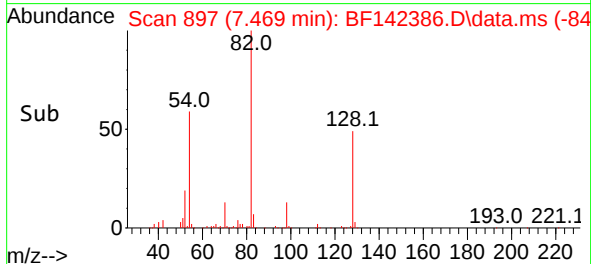
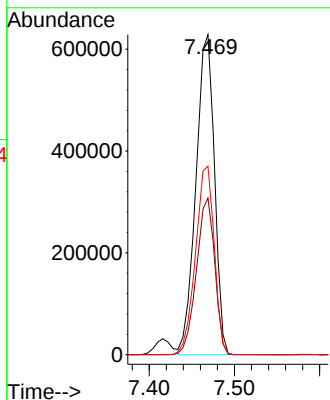
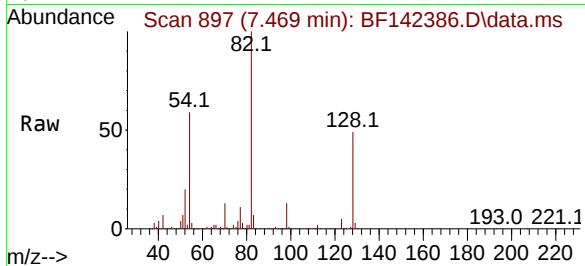
Tgt Ion: 82 Resp: 948826

Ion Ratio Lower Upper

82 100

128 48.9 37.0 55.6

54 58.9 48.6 73.0



#24

Nitrobenzene

Concen: 44.925 ng

RT: 7.487 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

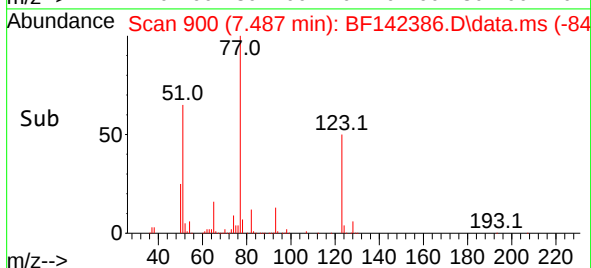
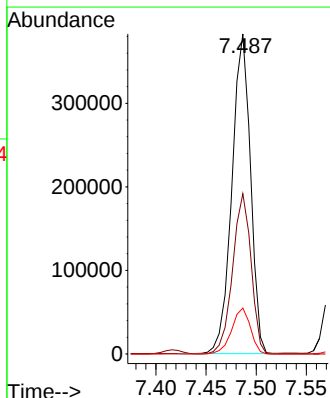
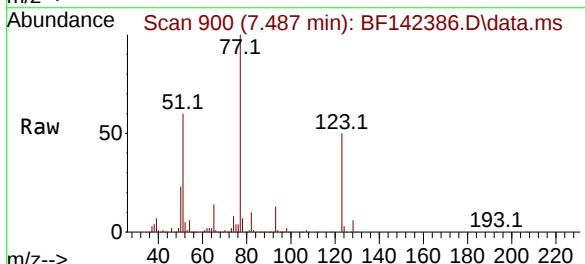
Tgt Ion: 77 Resp: 492634

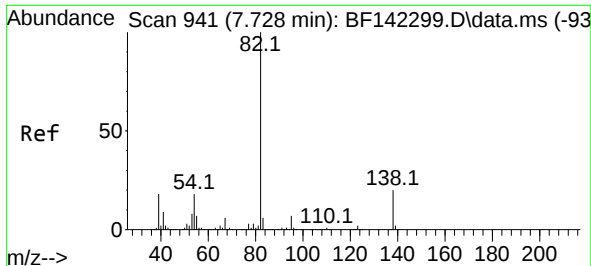
Ion Ratio Lower Upper

77 100

123 50.1 37.8 56.8

65 14.4 11.4 17.0

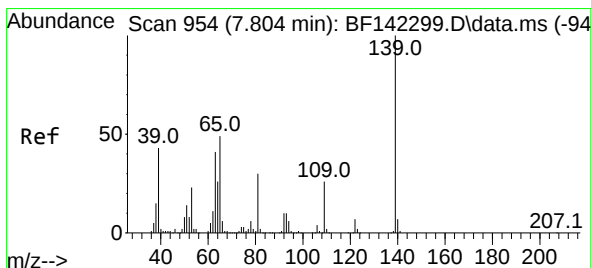
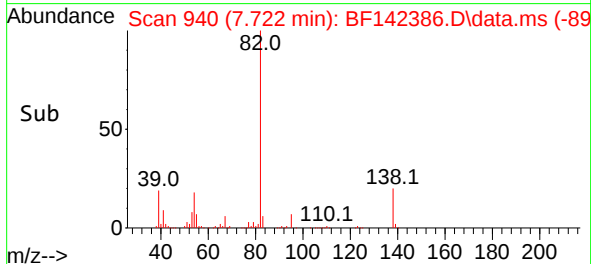
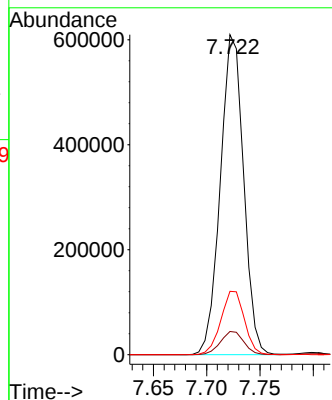
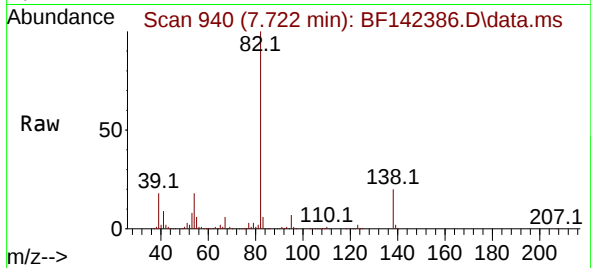




#25
Isophorone
Concen: 41.969 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

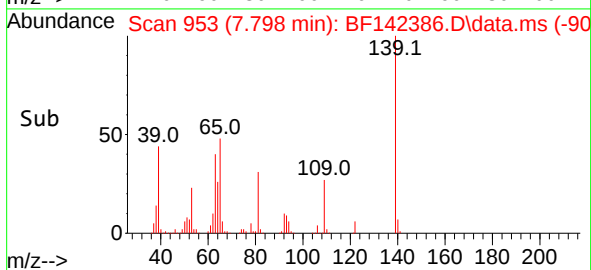
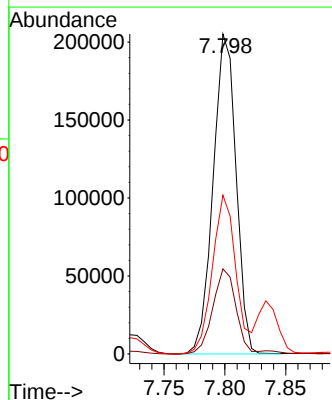
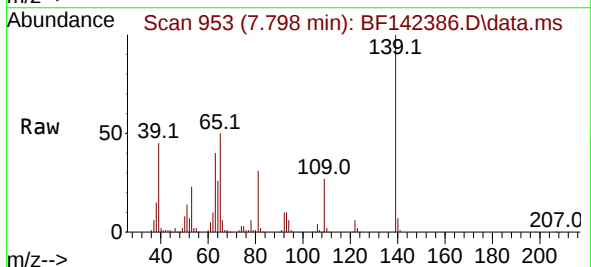
Instrument :
BNA_F
ClientSampleId :
PB167951BS

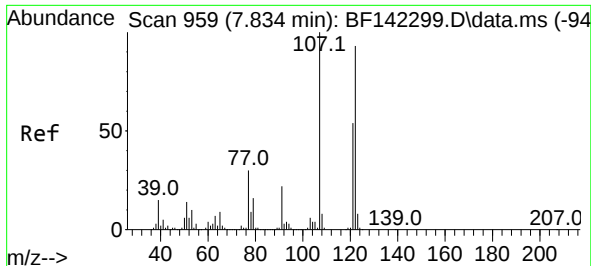
Tgt Ion: 82 Resp: 924519
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 19.8 16.1 24.1



#26
2-Nitrophenol
Concen: 50.641 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:139 Resp: 268958
Ion Ratio Lower Upper
139 100
109 26.6 20.8 31.2
65 49.6 38.9 58.3

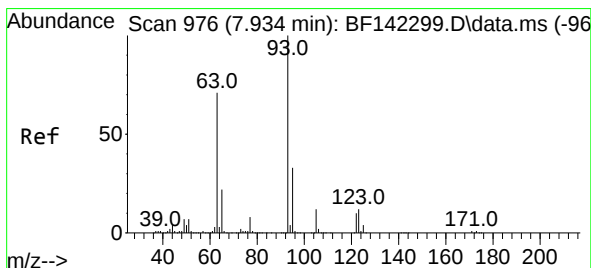
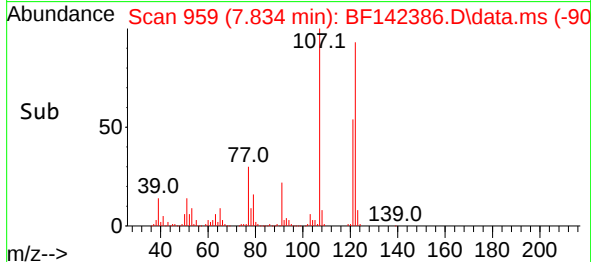
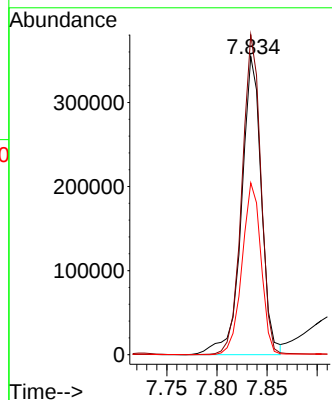
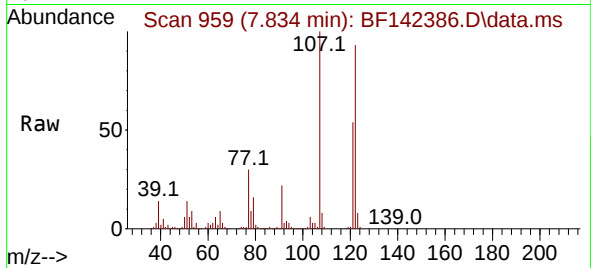




#27
2,4-Dimethylphenol
Concen: 44.357 ng
RT: 7.834 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

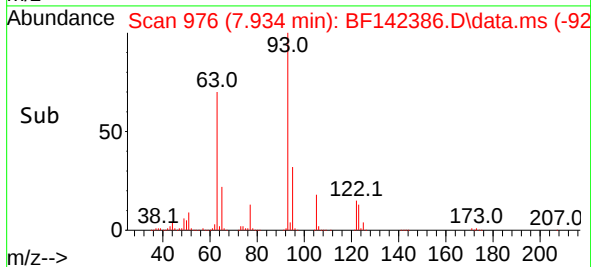
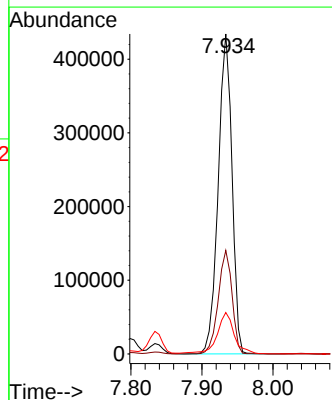
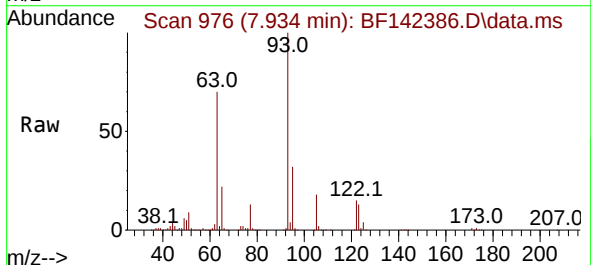
Instrument :
BNA_F
ClientSampleId :
PB167951BS

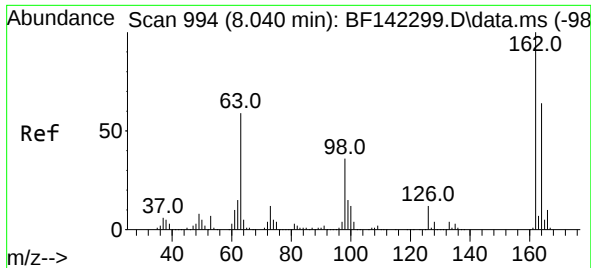
Tgt Ion:122 Resp: 491276
Ion Ratio Lower Upper
122 100
107 107.3 86.0 129.0
121 57.7 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 41.036 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 93 Resp: 581272
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.573 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142386.D

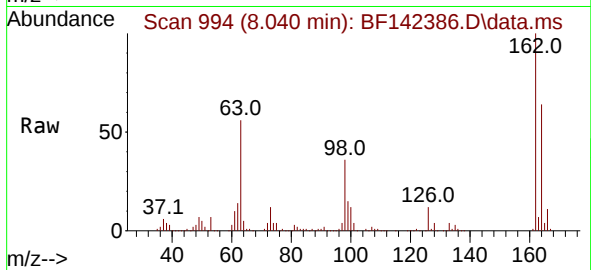
Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS



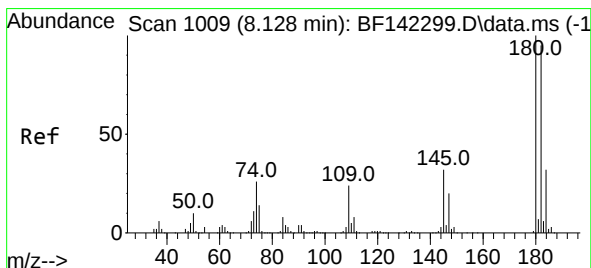
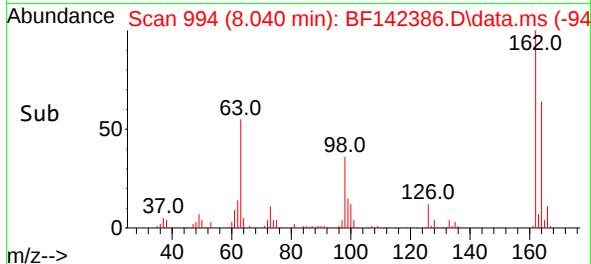
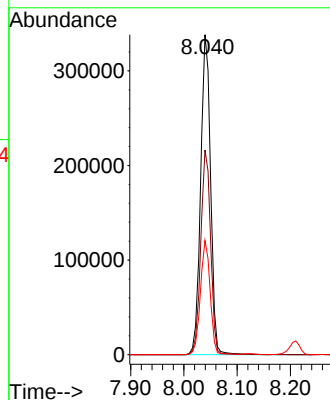
Tgt Ion:162 Resp: 438536

Ion Ratio Lower Upper

162 100

164 64.0 43.6 83.6

98 35.7 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.077 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

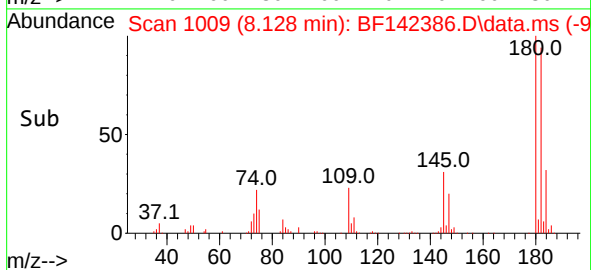
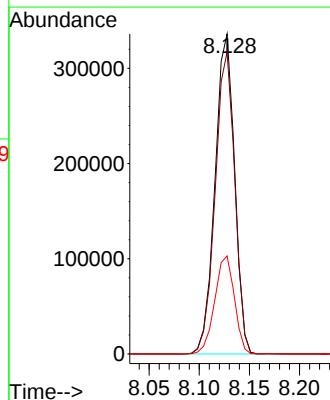
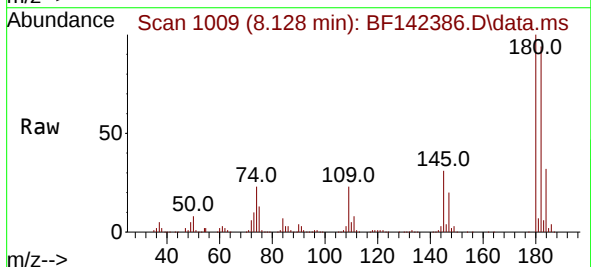
Tgt Ion:180 Resp: 456485

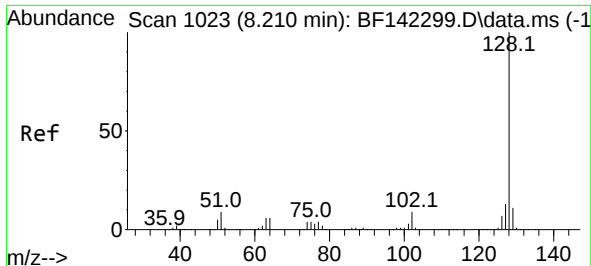
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.4

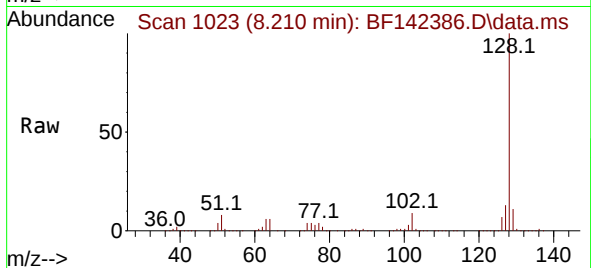
145 30.7 25.8 38.6



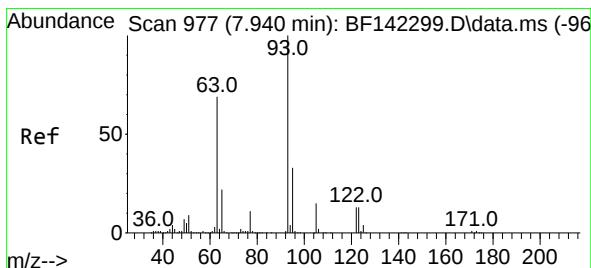
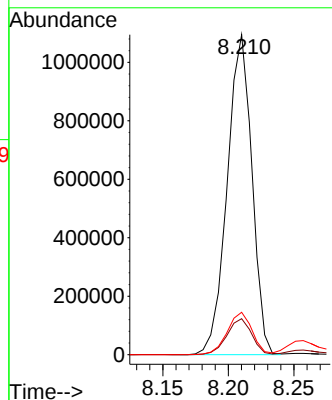
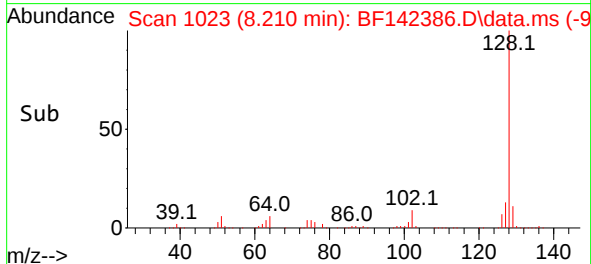


#31
Naphthalene
Concen: 41.752 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

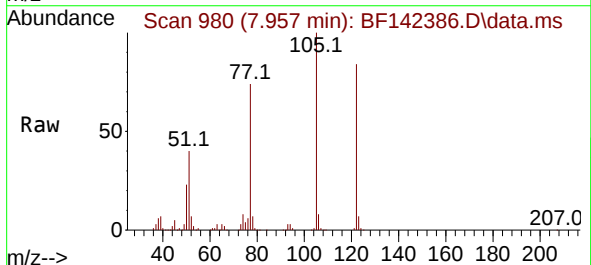
Instrument :
BNA_F
ClientSampleId :
PB167951BS



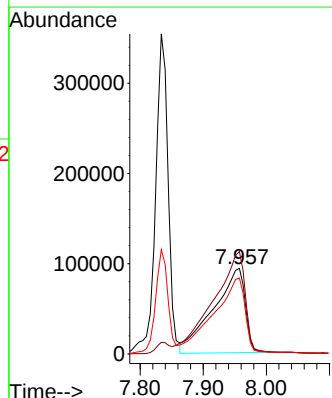
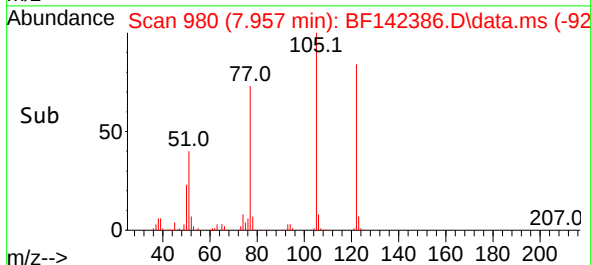
Tgt Ion:128 Resp: 1435630
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7

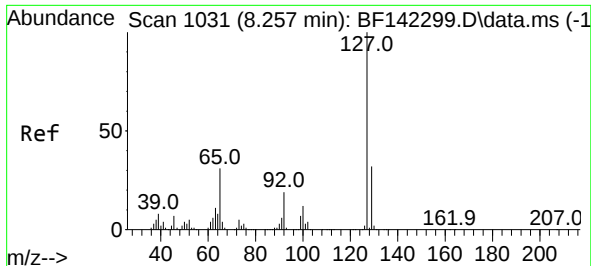


#32
Benzoic acid
Concen: 53.296 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.017 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06



Tgt Ion:122 Resp: 327035
Ion Ratio Lower Upper
122 100
105 119.7 97.9 137.9
77 88.8 67.7 107.7

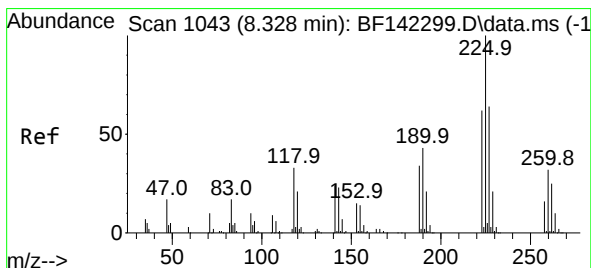
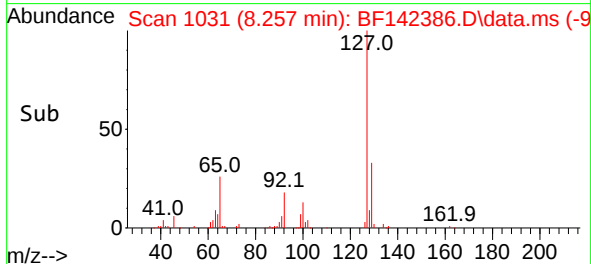
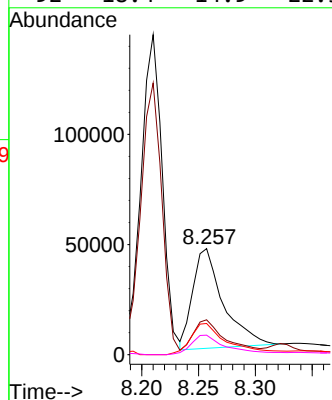
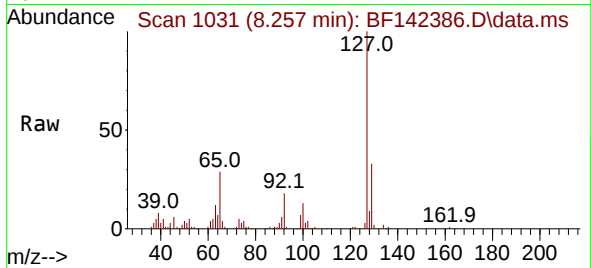




#33
4-Chloroaniline
Concen: 6.076 ng
RT: 8.257 min Scan# 1031
Delta R.T. -0.010 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

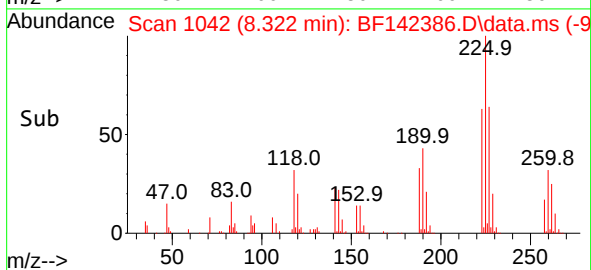
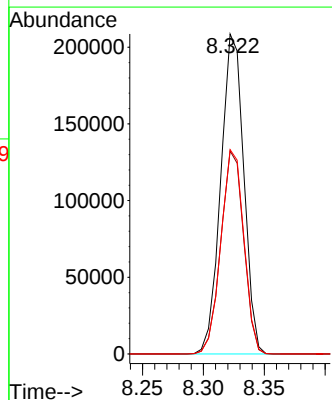
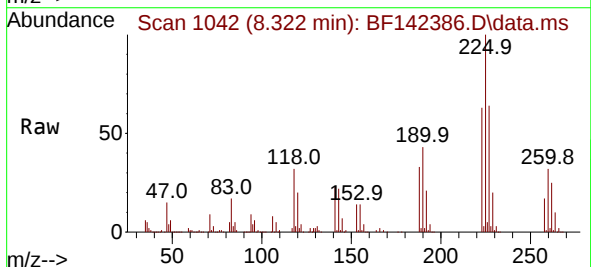
Instrument :
BNA_F
ClientSampleId :
PB167951BS

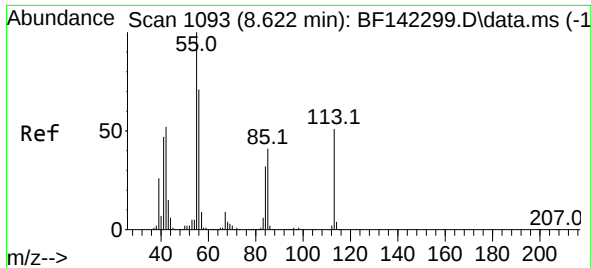
Tgt Ion:	127	Resp:	85243
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.7	38.5
65	29.4	24.9	37.3
92	18.4	14.9	22.3



#34
Hexachlorobutadiene
Concen: 43.664 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:	225	Resp:	273992
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.8	74.6
227	63.8	50.9	76.3

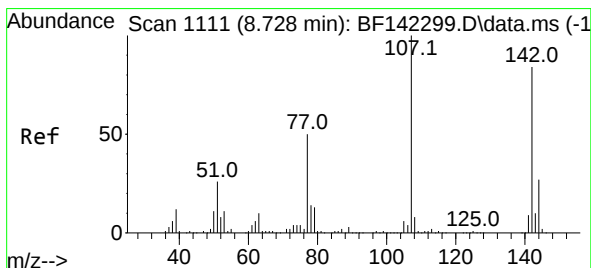
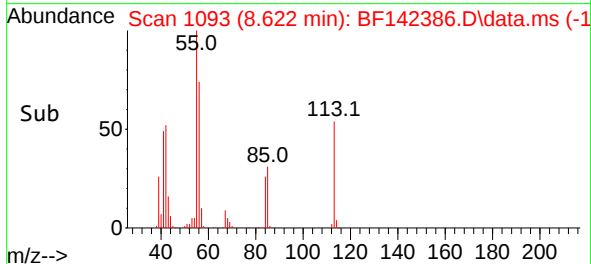
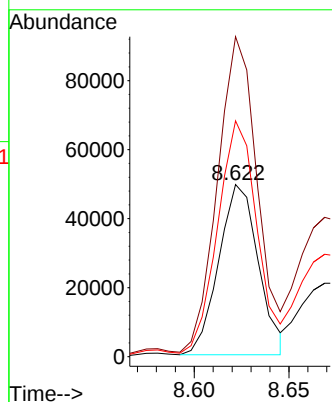
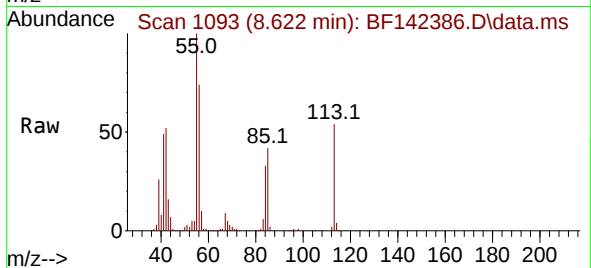




#35
 Caprolactam
 Concen: 26.182 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

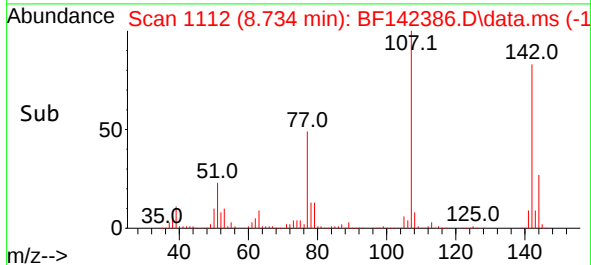
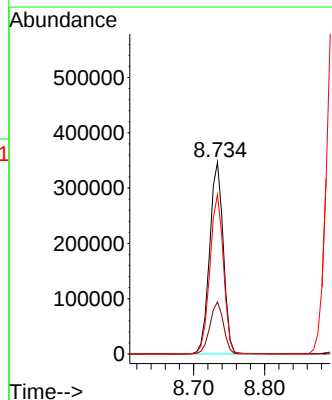
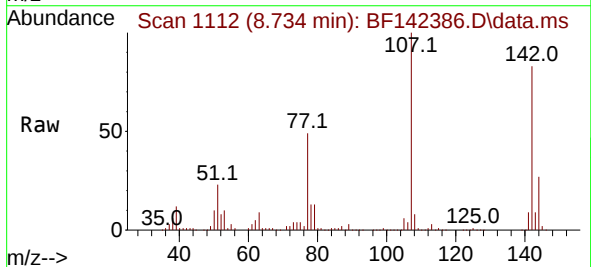
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

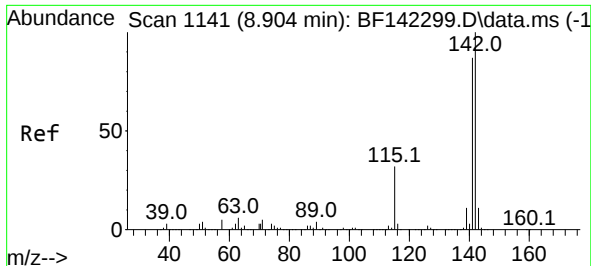
Tgt Ion:113 Resp: 71850
 Ion Ratio Lower Upper
 113 100
 55 185.8 176.4 216.4
 56 137.0 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 47.463 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. 0.006 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Tgt Ion:107 Resp: 464569
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.3 31.9
 142 83.0 66.9 100.3





#37

2-Methylnaphthalene

Concen: 42.213 ng

RT: 8.898 min Scan# 1140

Delta R.T. -0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

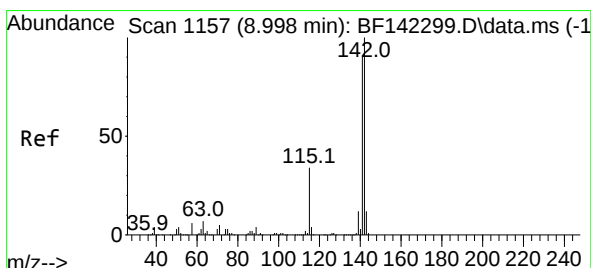
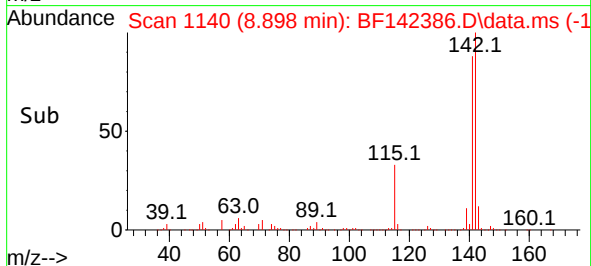
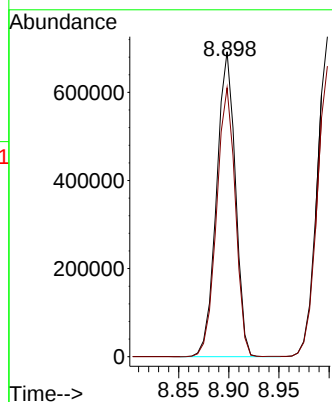
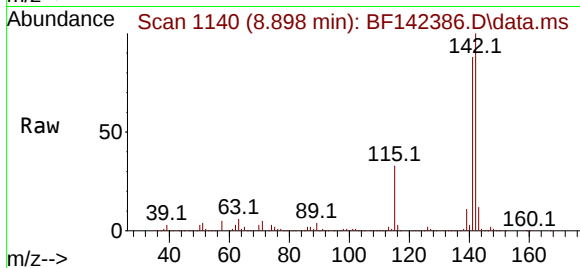
PB167951BS

Tgt Ion:142 Resp: 901910

Ion Ratio Lower Upper

142 100

141 88.2 69.4 104.2



#38

1-Methylnaphthalene

Concen: 42.021 ng

RT: 8.998 min Scan# 1157

Delta R.T. -0.000 min

Lab File: BF142386.D

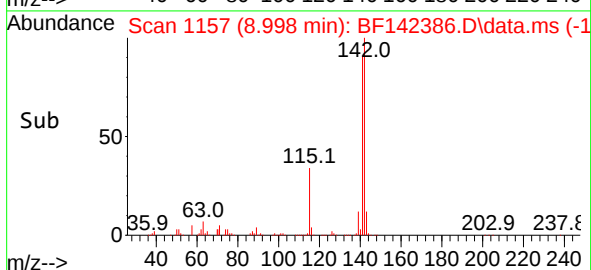
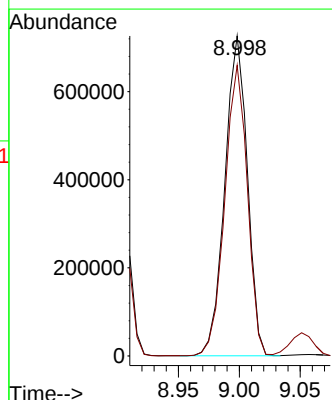
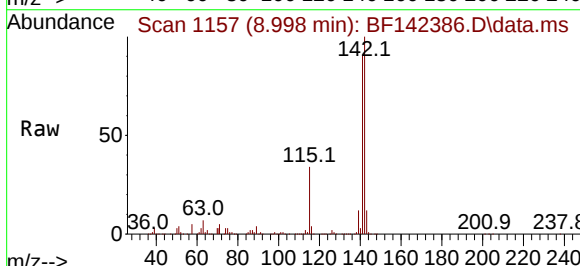
Acq: 15 May 2025 11:06

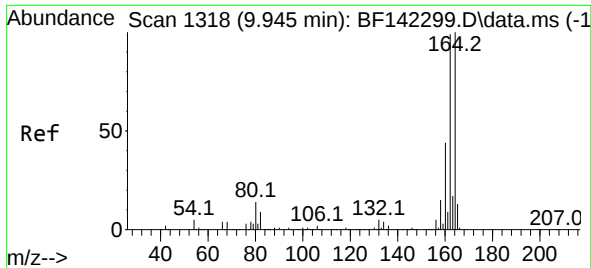
Tgt Ion:142 Resp: 935769

Ion Ratio Lower Upper

142 100

141 90.8 72.5 108.7

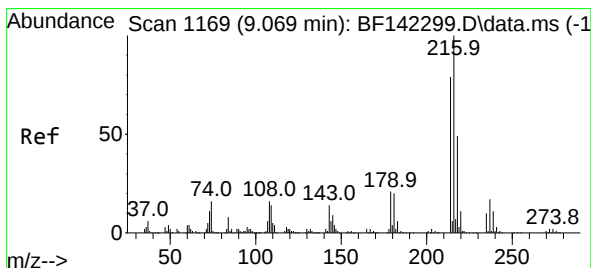
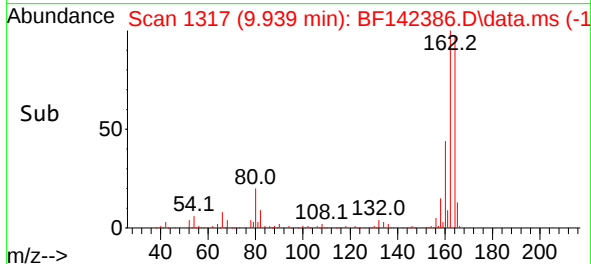
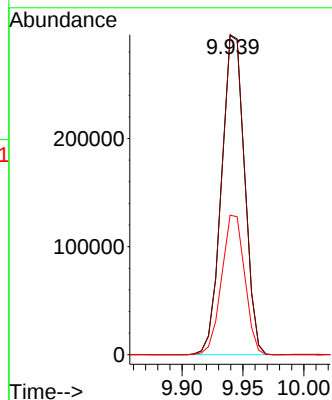
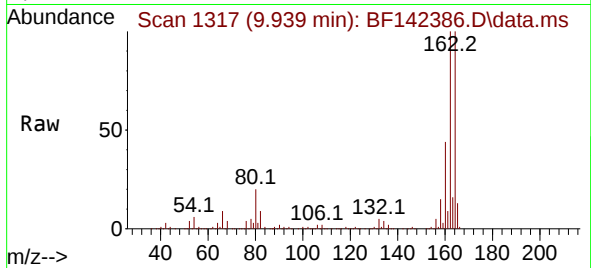




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

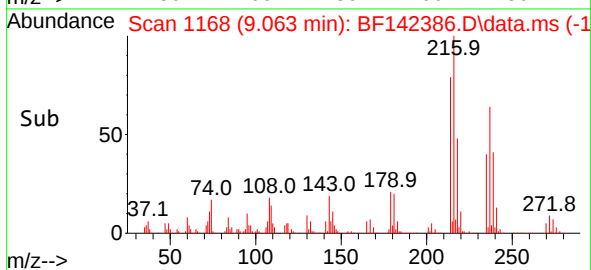
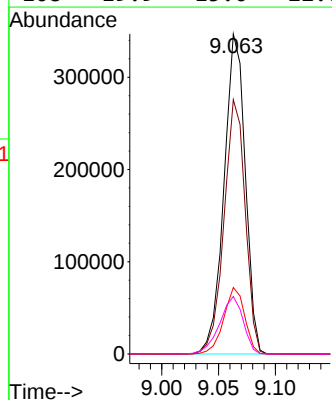
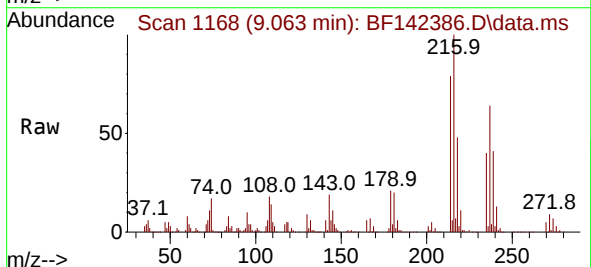
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:164 Resp: 390383
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 43.6 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.442 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

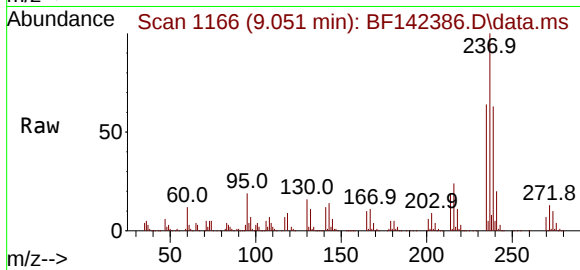
Tgt Ion:216 Resp: 451848
Ion Ratio Lower Upper
216 100
214 79.0 63.8 95.6
179 20.5 17.0 25.6
108 19.9 15.0 22.6



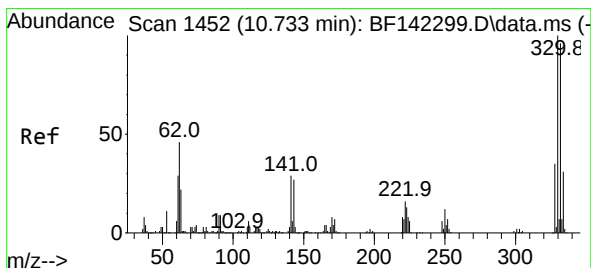
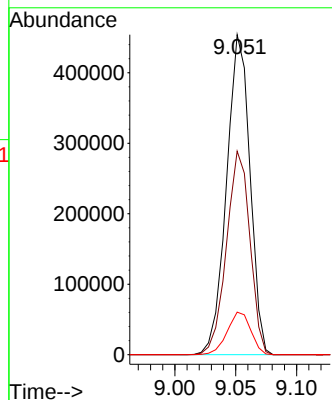
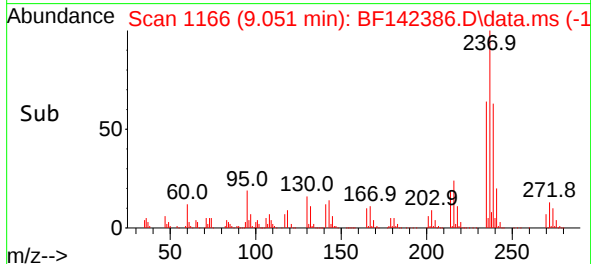


#41
Hexachlorocyclopentadiene
Concen: 90.221 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

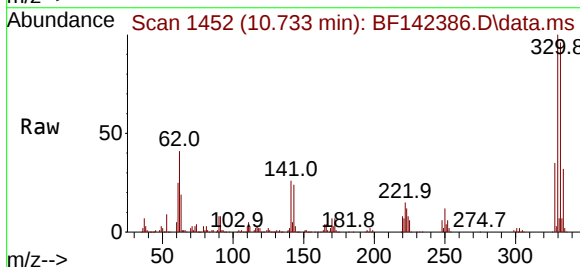
Instrument :
BNA_F
ClientSampleId :
PB167951BS



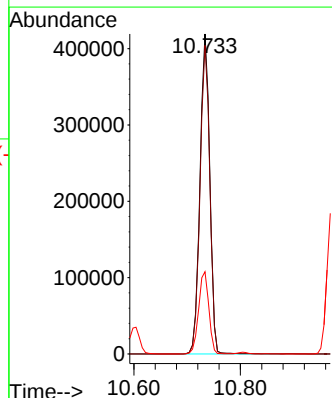
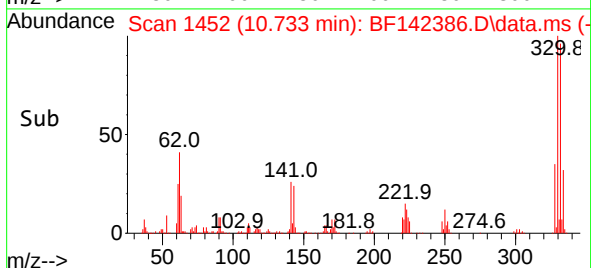
Tgt Ion:237 Resp: 607941
Ion Ratio Lower Upper
237 100
235 63.6 42.8 82.8
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 142.330 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06



Tgt Ion:330 Resp: 536451
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 26.7 24.9 37.3

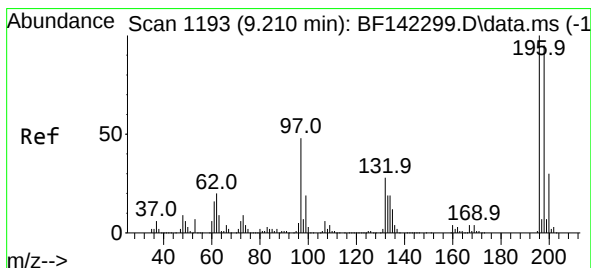
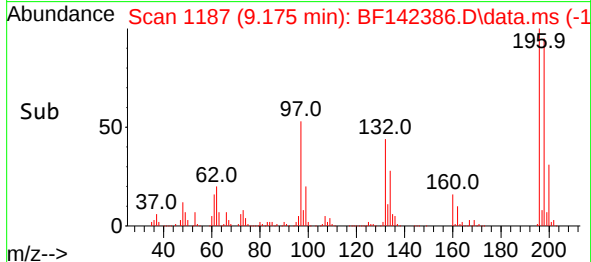
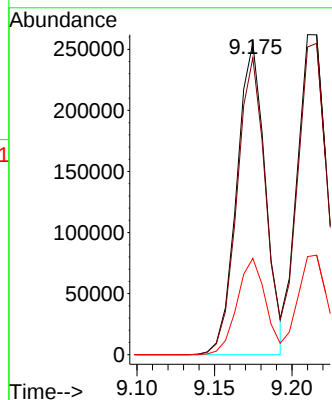
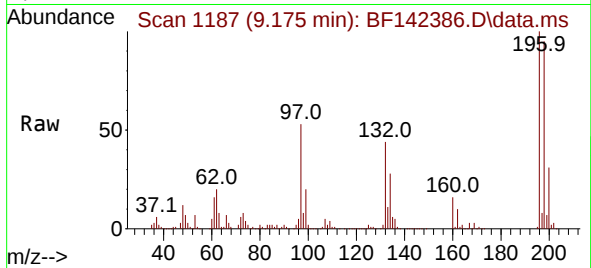




#43
2,4,6-Trichlorophenol
Concen: 47.621 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

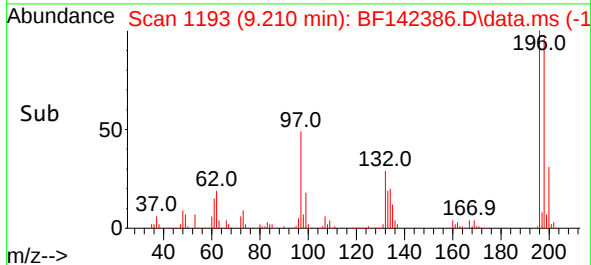
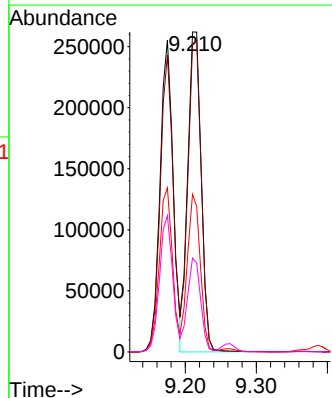
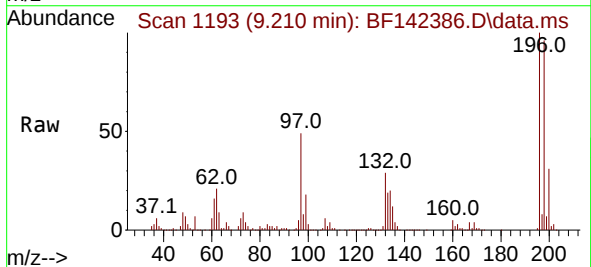
Instrument :
BNA_F
ClientSampleId :
PB167951BS

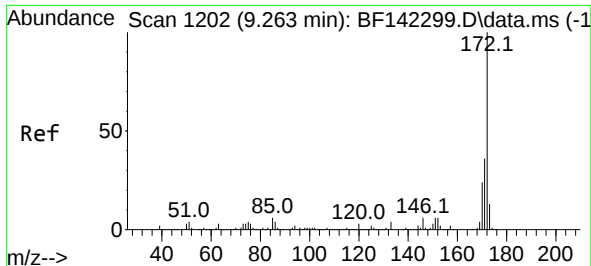
Tgt Ion:196 Resp: 327505
Ion Ratio Lower Upper
196 100
198 95.2 75.4 113.0
200 30.9 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 47.199 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:196 Resp: 345379
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 49.3 39.0 58.4
132 29.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 71.589 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

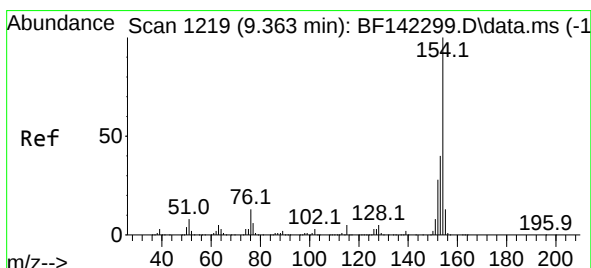
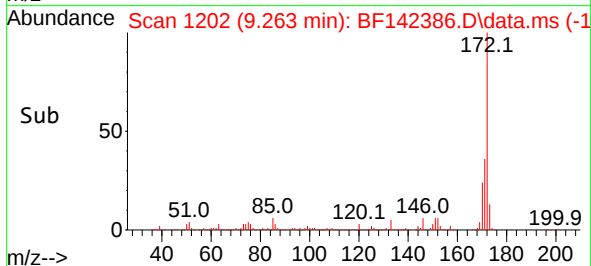
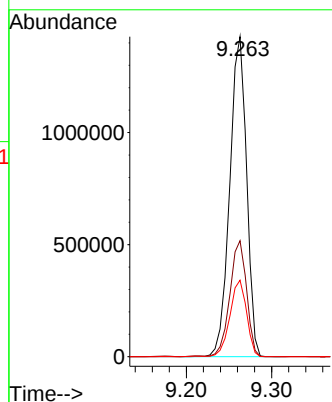
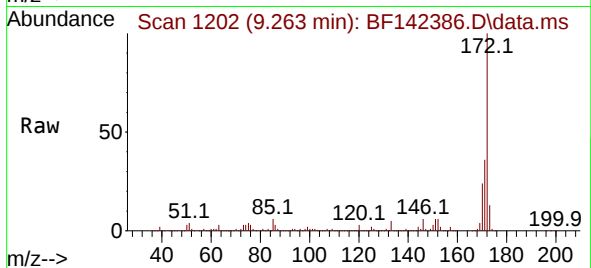
Tgt Ion:172 Resp: 1960008

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.065 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

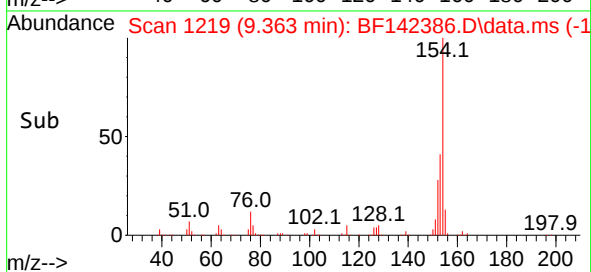
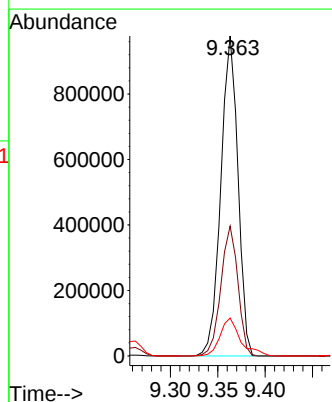
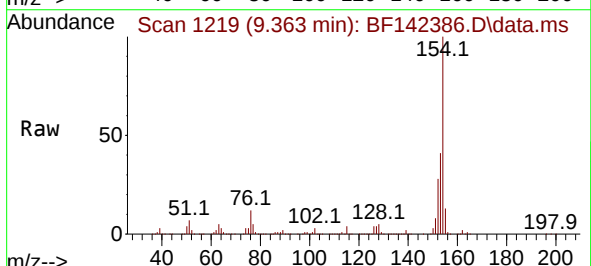
Tgt Ion:154 Resp: 1229160

Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 11.8 0.0 32.8

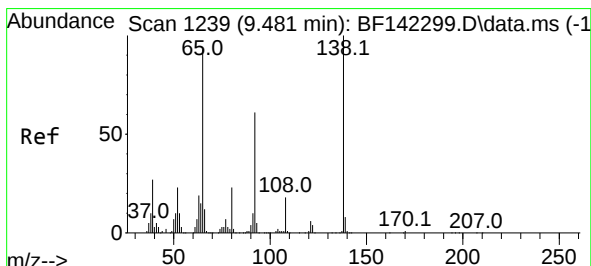
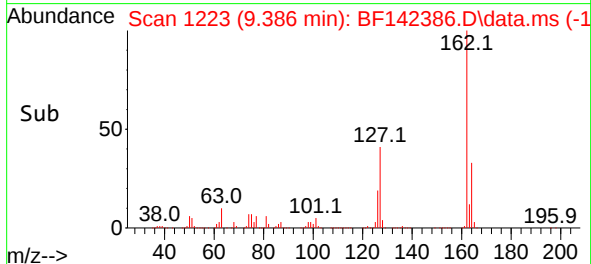
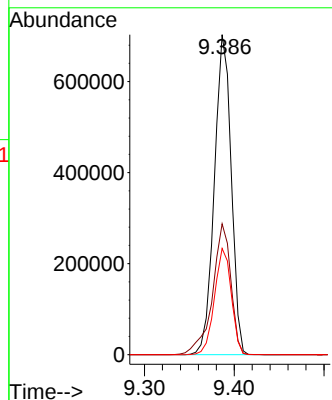
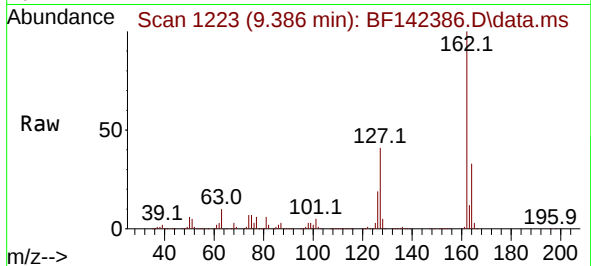




#47
2-Chloronaphthalene
Concen: 41.162 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

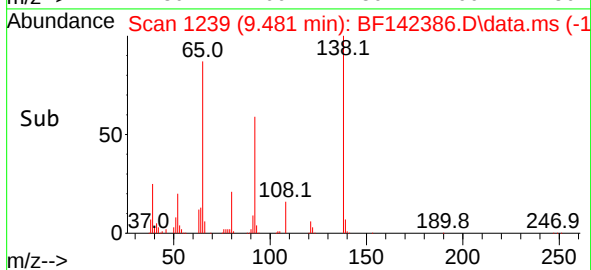
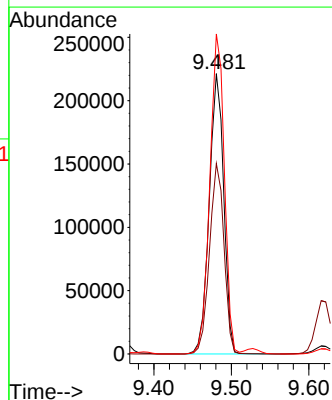
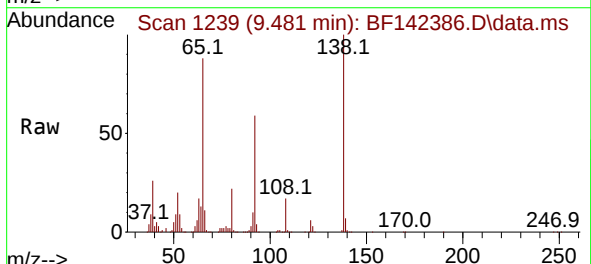
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:162 Resp: 916262
Ion Ratio Lower Upper
162 100
127 40.9 32.3 48.5
164 33.2 26.6 40.0



#48
2-Nitroaniline
Concen: 50.405 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion: 65 Resp: 287593
Ion Ratio Lower Upper
65 100
92 67.9 52.3 78.5
138 114.2 85.6 128.4





#49

Acenaphthylene

Concen: 41.988 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

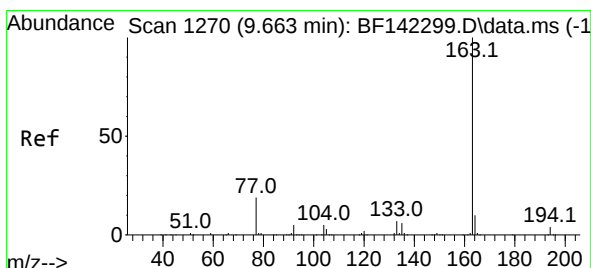
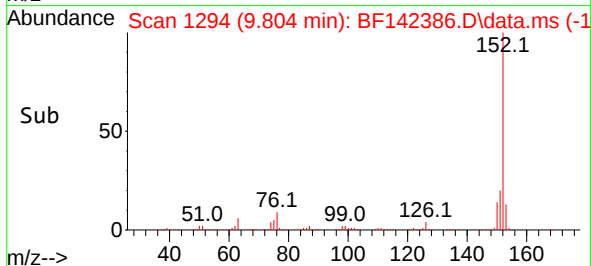
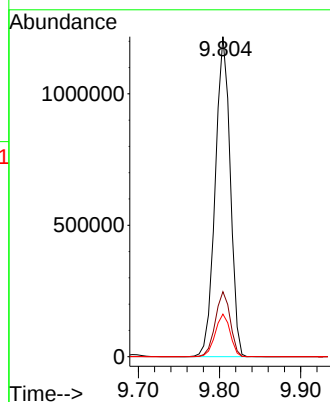
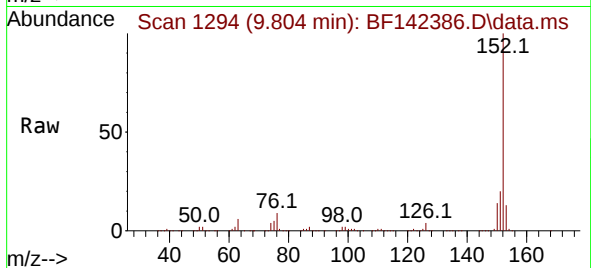
Tgt Ion:152 Resp: 1563555

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 44.460 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

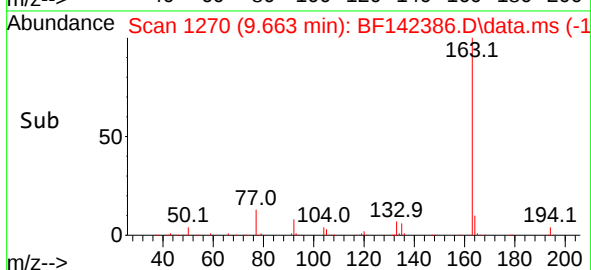
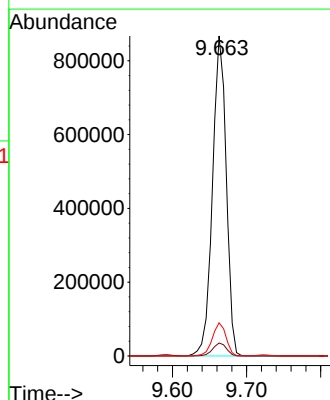
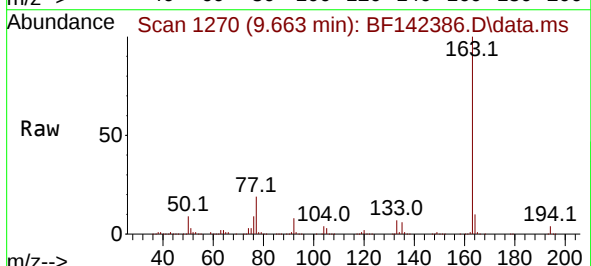
Tgt Ion:163 Resp: 1114509

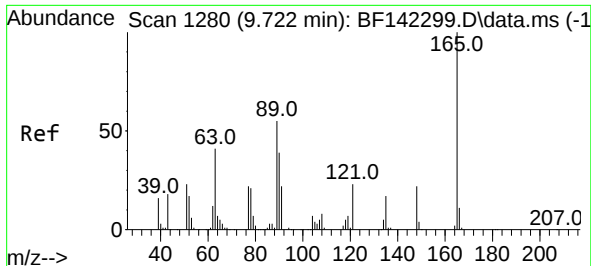
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.4 8.3 12.5

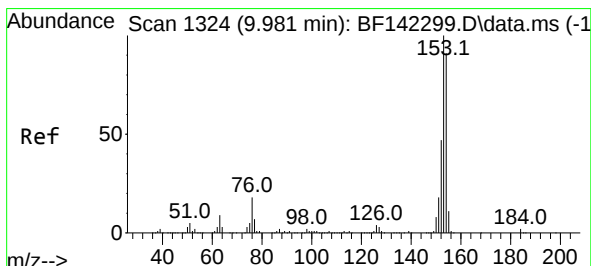
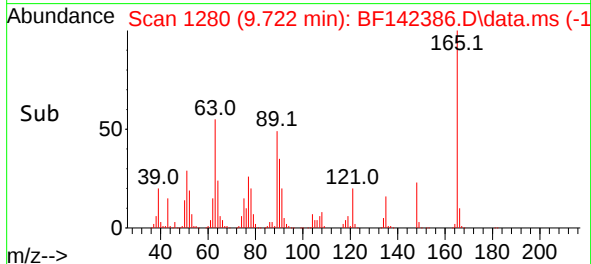
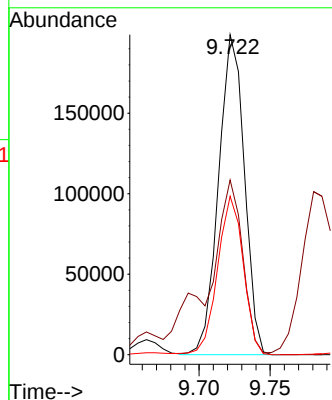
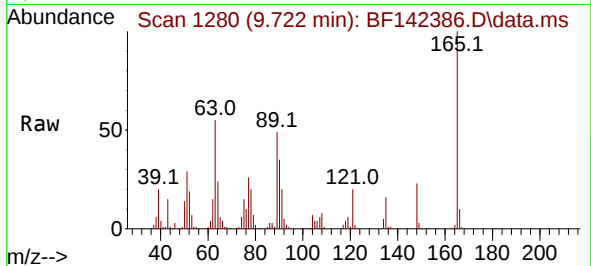




#51
2,6-Dinitrotoluene
Concen: 53.548 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

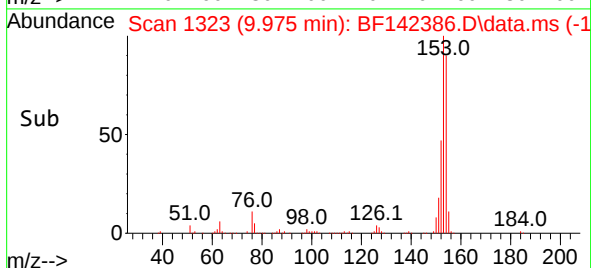
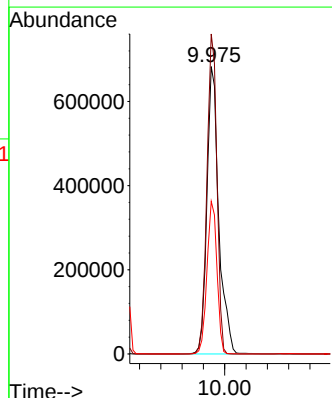
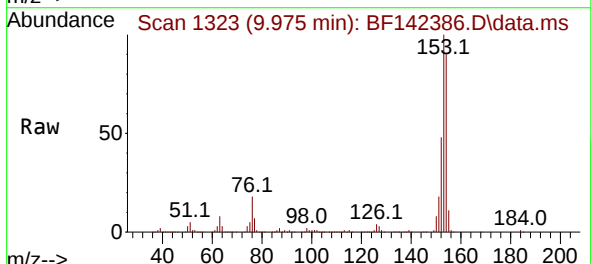
Instrument :
BNA_F
ClientSampleId :
PB167951BS

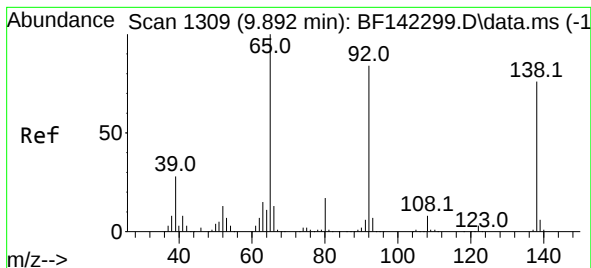
Tgt Ion:165 Resp: 251258
Ion Ratio Lower Upper
165 100
63 54.6 49.5 74.3
89 49.5 44.6 66.8



#52
Acenaphthene
Concen: 47.056 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:154 Resp: 1053599
Ion Ratio Lower Upper
154 100
153 111.4 88.0 132.0
152 53.1 41.6 62.4





#53

3-Nitroaniline

Concen: 26.925 ng

RT: 9.892 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

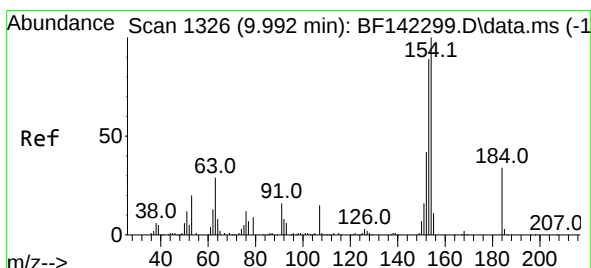
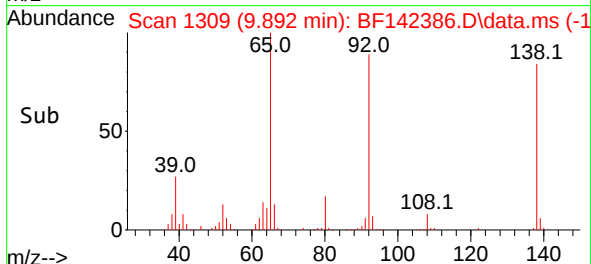
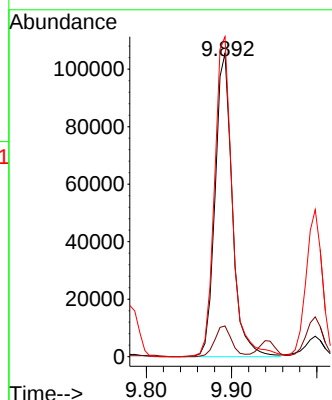
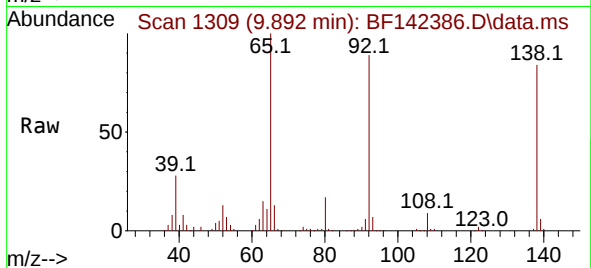
Tgt Ion:138 Resp: 148171

Ion Ratio Lower Upper

138 100

108 10.1 8.7 13.1

92 105.5 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 117.829 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

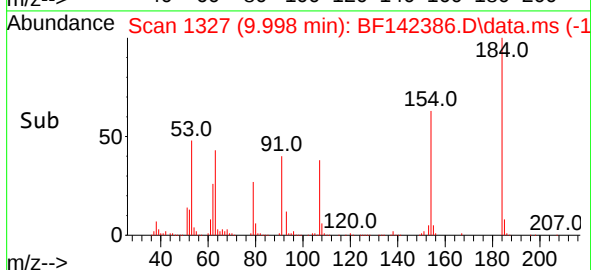
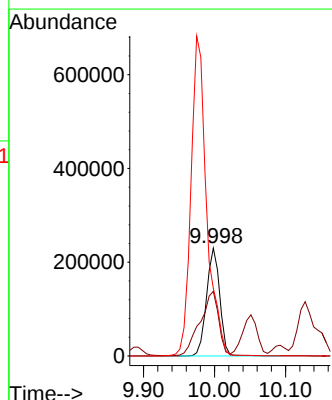
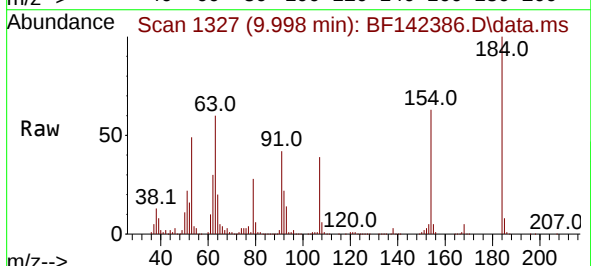
Tgt Ion:184 Resp: 299083

Ion Ratio Lower Upper

184 100

63 60.0 70.6 105.8#

154 62.7 257.2 385.8#

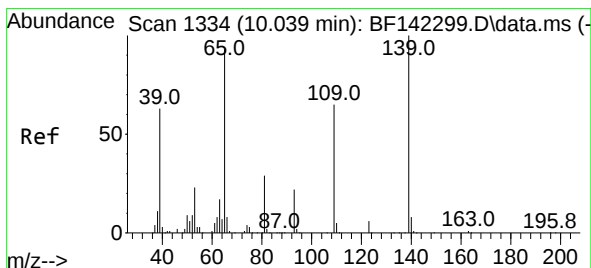
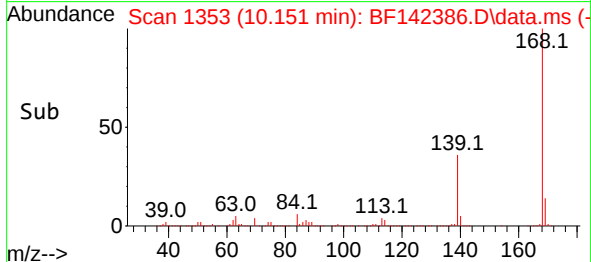
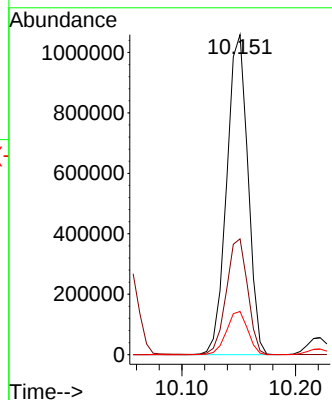
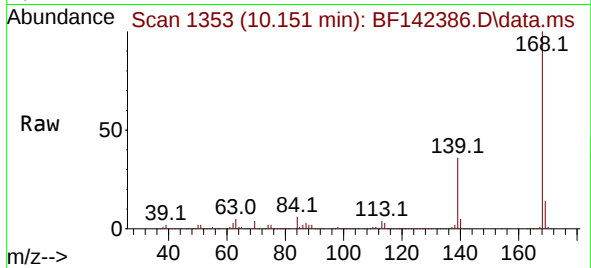




#55
Dibenzofuran
Concen: 41.493 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

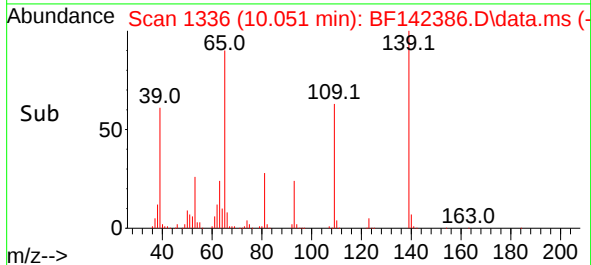
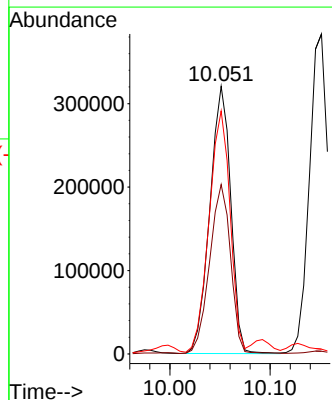
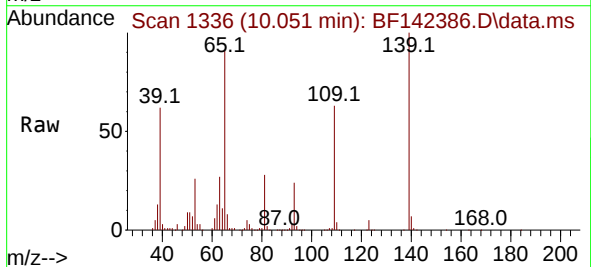
Instrument :
BNA_F
ClientSampleId :
PB167951BS

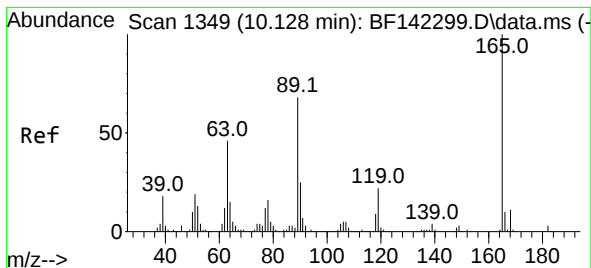
Tgt Ion:168 Resp: 1371115
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.4
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 112.100 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:139 Resp: 464288
Ion Ratio Lower Upper
139 100
109 63.3 45.3 85.3
65 90.8 73.9 113.9

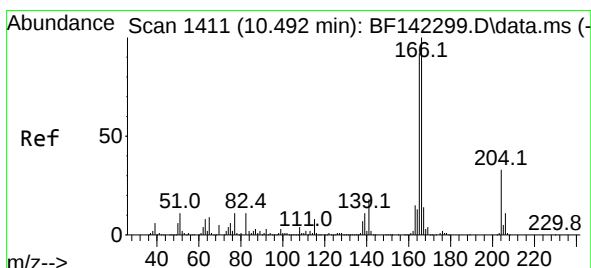
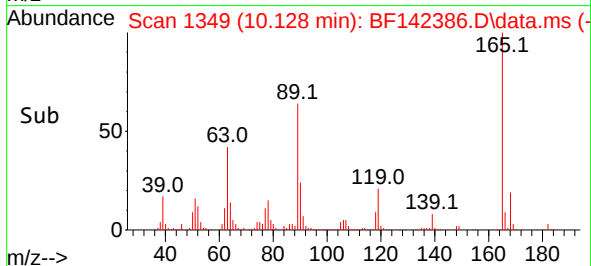
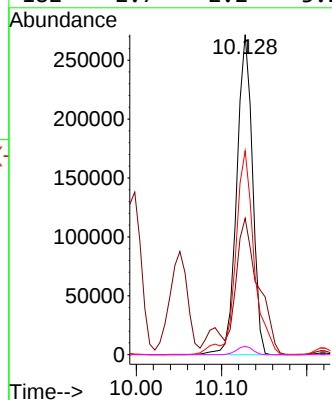
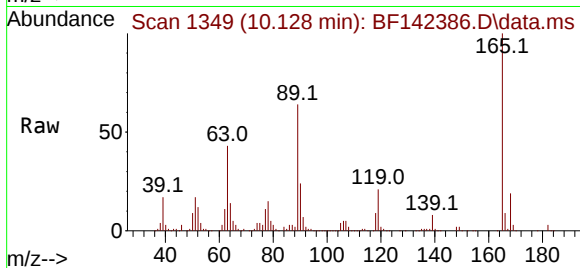




#57
2,4-Dinitrotoluene
Concen: 57.728 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

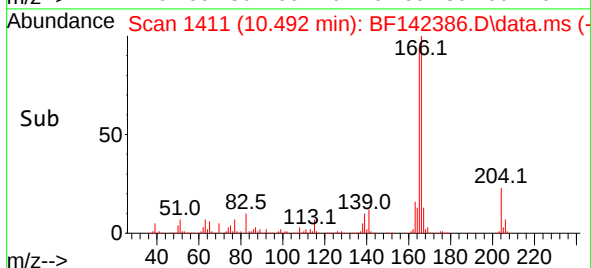
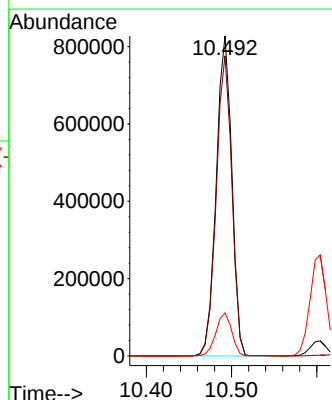
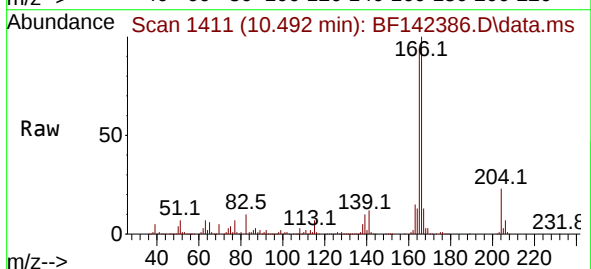
Instrument :
BNA_F
ClientSampleId :
PB167951BS

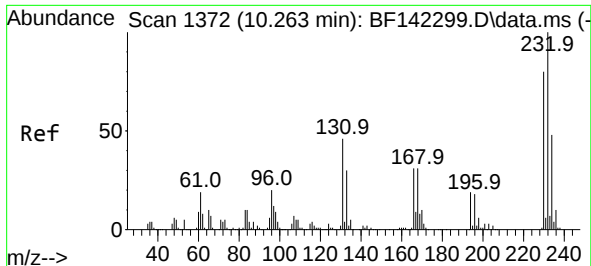
Tgt Ion:165 Resp: 347454
Ion Ratio Lower Upper
165 100
63 42.6 37.1 55.7
89 63.7 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.687 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:166 Resp: 1051263
Ion Ratio Lower Upper
166 100
165 93.8 74.0 111.0
167 13.5 10.9 16.3

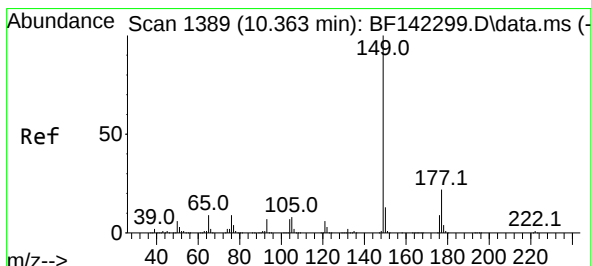
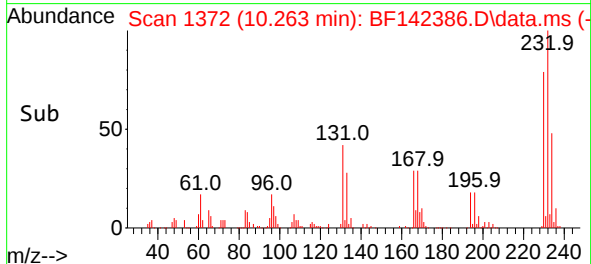
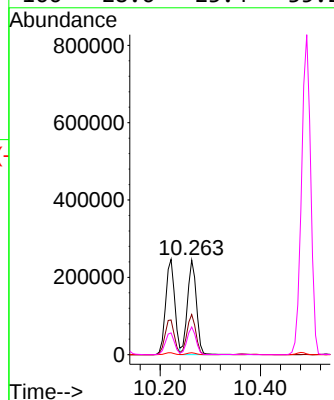
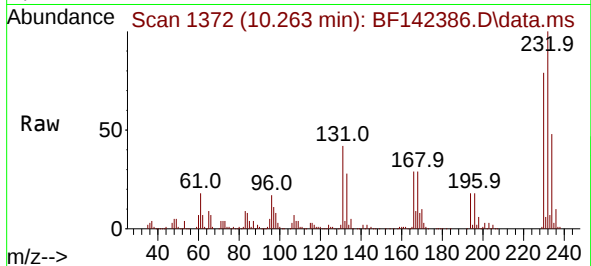




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.597 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

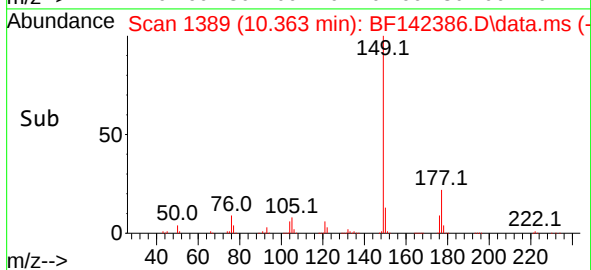
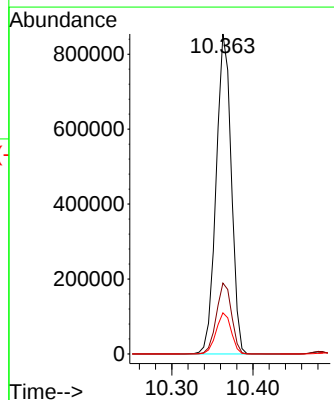
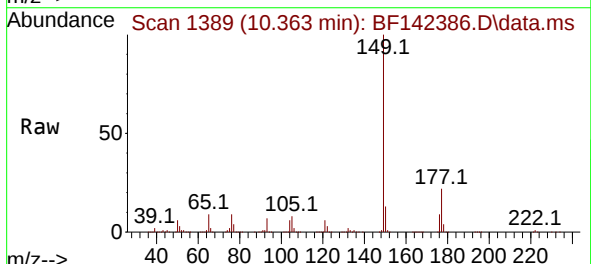
Instrument :
BNA_F
ClientSampleId :
PB167951BS

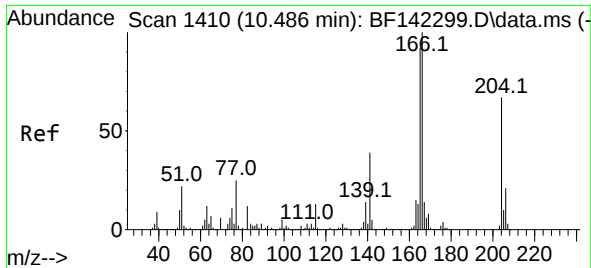
Tgt Ion:232 Resp: 305641
Ion Ratio Lower Upper
232 100
131 42.1 36.0 54.0
130 2.0 1.8 2.6
166 28.6 23.4 35.2



#60
Diethylphthalate
Concen: 44.226 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 1107155
Ion Ratio Lower Upper
149 100
177 22.2 17.6 26.4
150 12.9 10.1 15.1

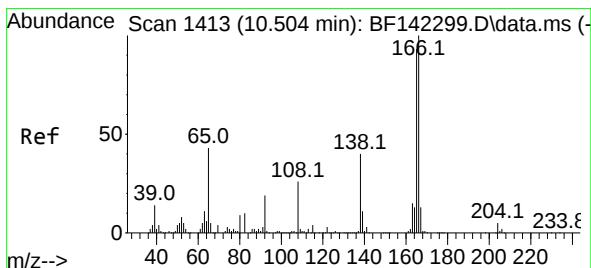
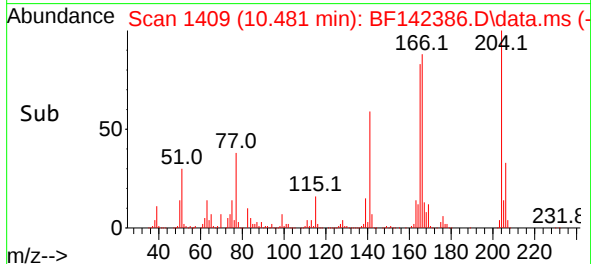
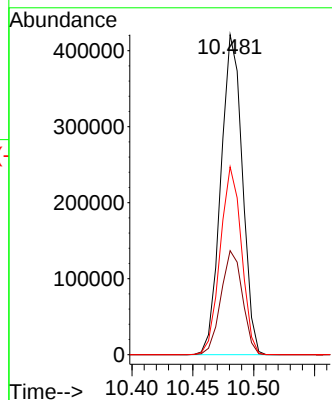
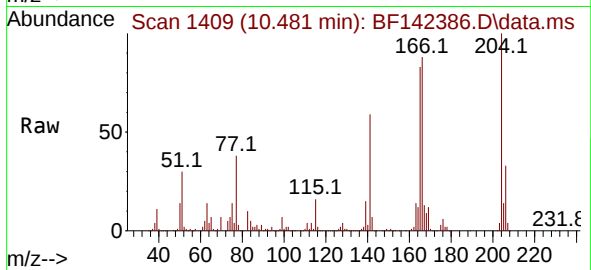




#61
4-Chlorophenyl-phenylether
Concen: 42.581 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

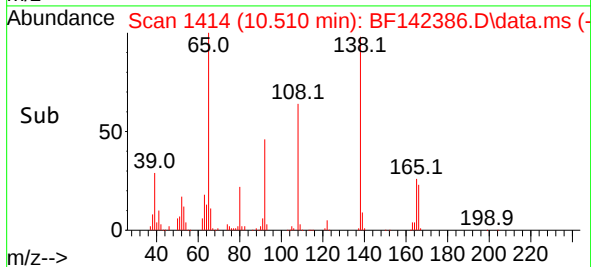
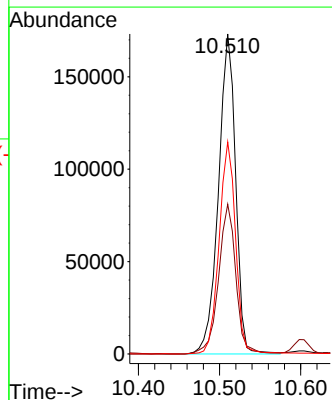
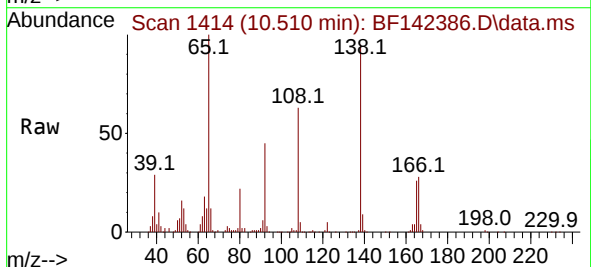
Instrument :
BNA_F
ClientSampleId :
PB167951BS

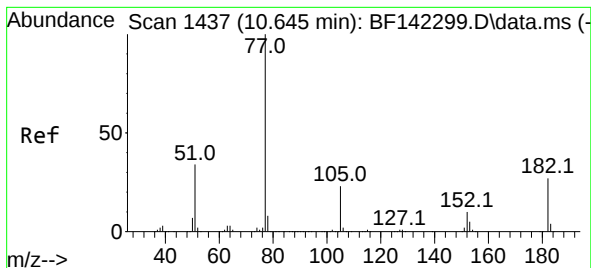
Tgt Ion:204 Resp: 518059
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 58.7 46.4 69.6



#62
4-Nitroaniline
Concen: 58.486 ng
RT: 10.510 min Scan# 1414
Delta R.T. 0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:138 Resp: 255090
Ion Ratio Lower Upper
138 100
92 46.8 27.3 67.3
108 66.2 45.1 85.1





#63

Azobenzene

Concen: 41.252 ng

RT: 10.645 min Scan# 1437

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

Tgt Ion: 77 Resp: 986822

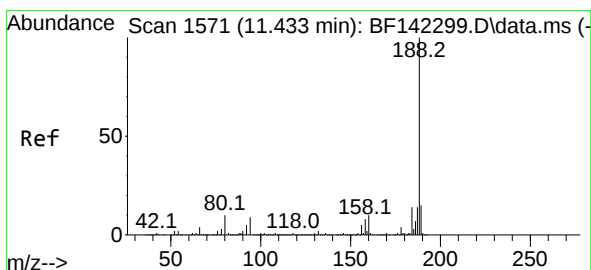
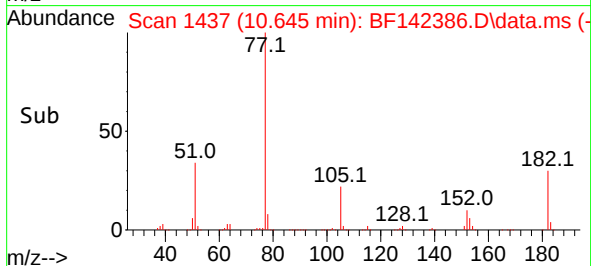
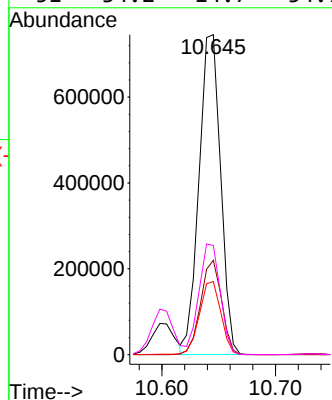
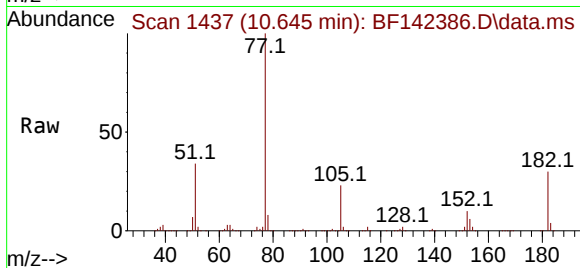
Ion Ratio Lower Upper

77 100

182 29.5 6.9 46.9

105 22.8 2.7 42.7

51 34.2 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

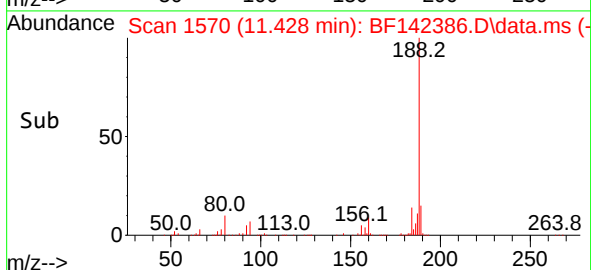
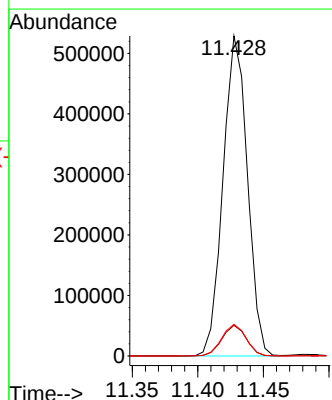
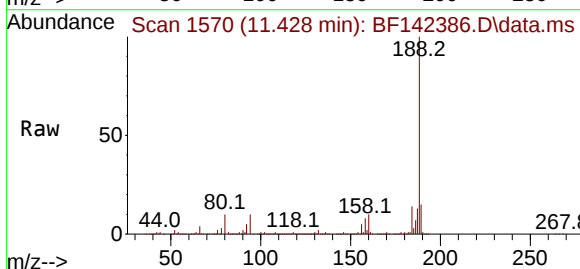
Tgt Ion: 188 Resp: 683655

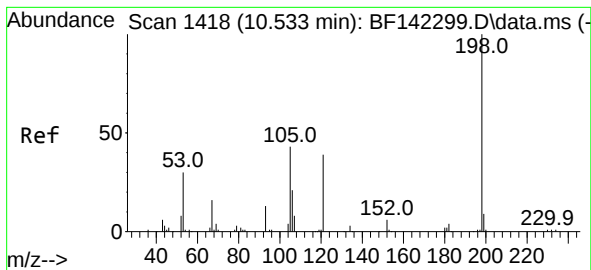
Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.9 7.9 11.9

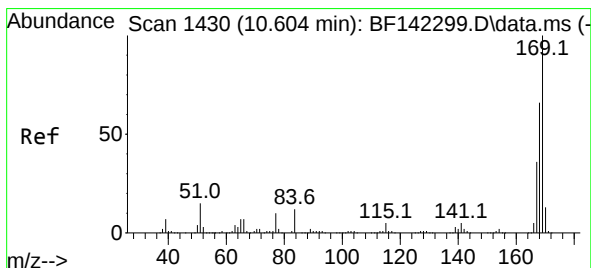
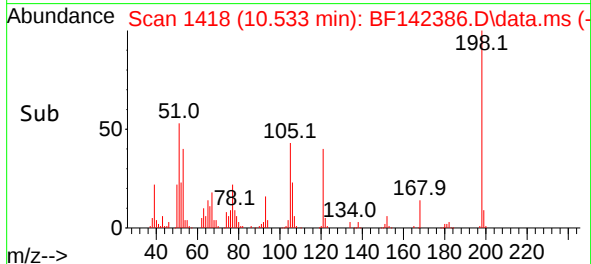
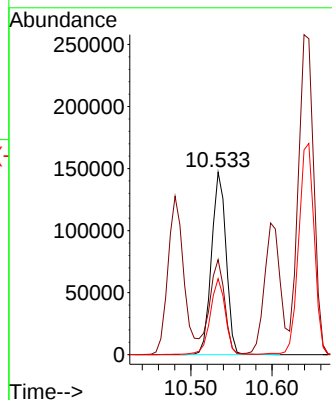
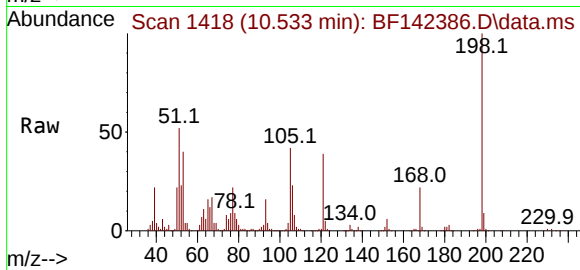




#65
4,6-Dinitro-2-methylphenol
Concen: 55.913 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

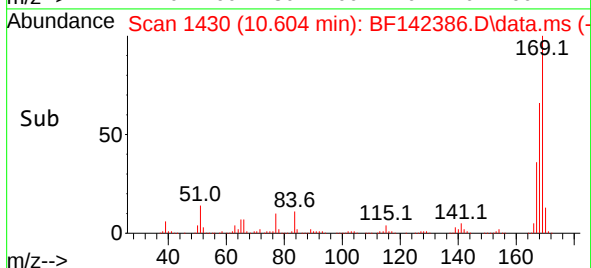
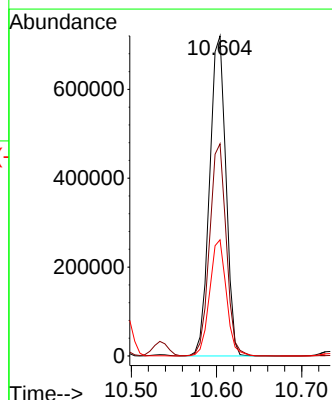
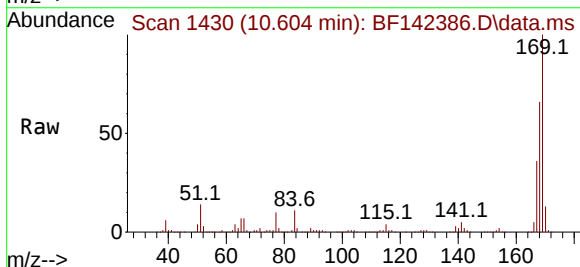
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:198 Resp: 182627
Ion Ratio Lower Upper
198 100
51 52.1 32.9 72.9
105 41.7 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 42.007 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:169 Resp: 955633
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.3 28.9 43.3

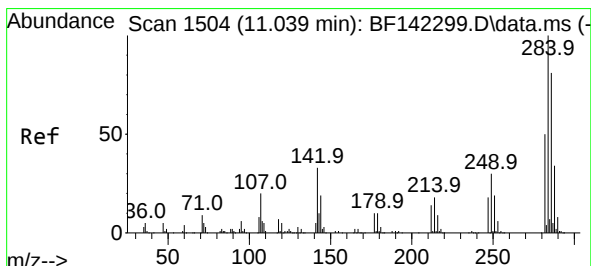
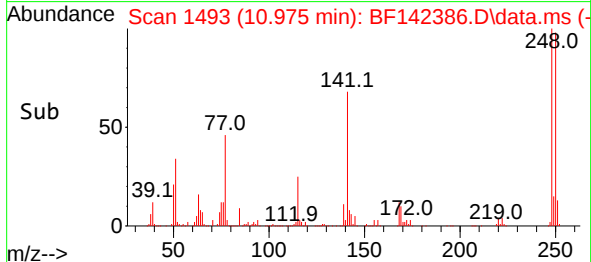
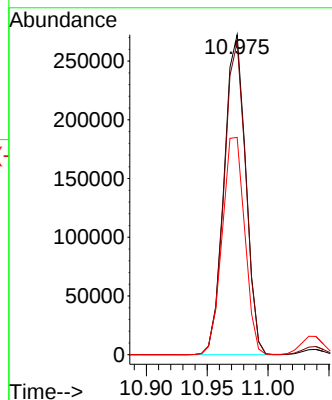
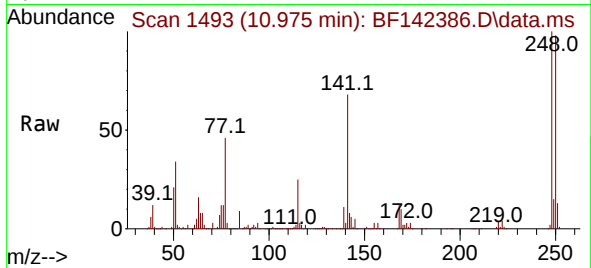




#67
4-Bromophenyl-phenylether
Concen: 43.574 ng
RT: 10.975 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

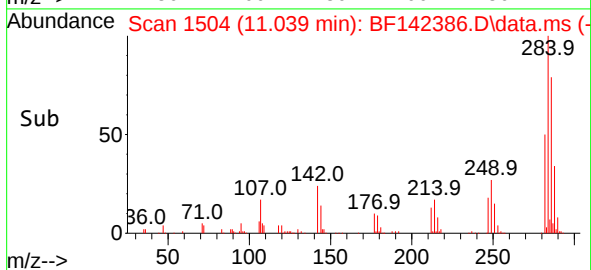
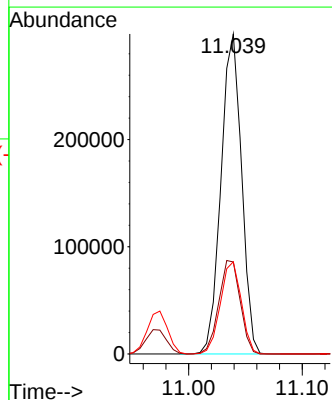
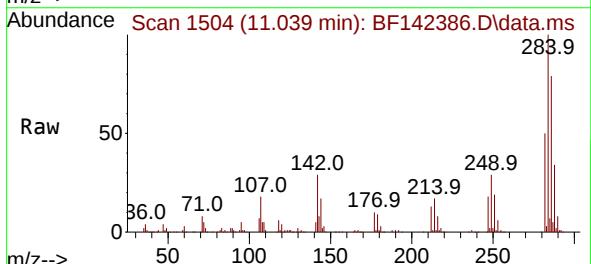
Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:248 Resp: 337616
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 67.9 59.8 89.8



#68
Hexachlorobenzene
Concen: 44.062 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:284 Resp: 375531
Ion Ratio Lower Upper
284 100
142 28.7 26.6 39.8
249 28.8 24.1 36.1





#69

Atrazine

Concen: 48.987 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

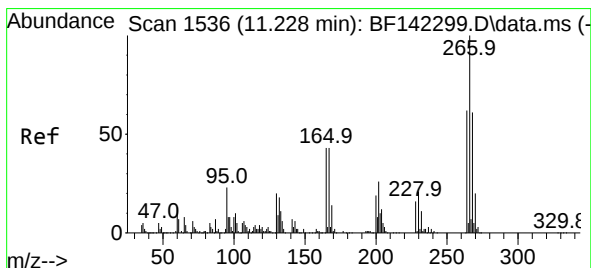
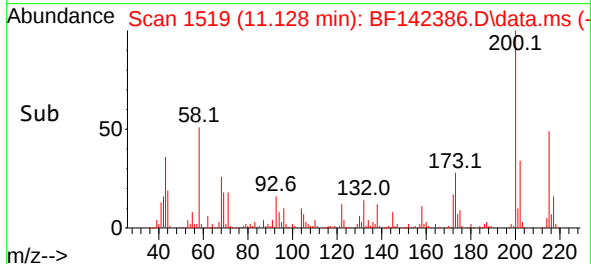
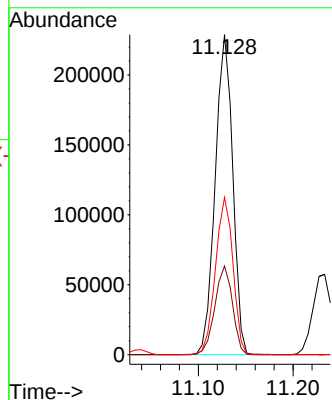
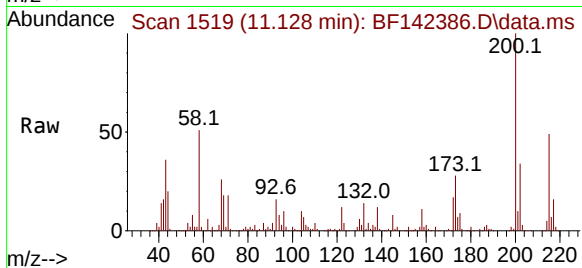
Tgt Ion:200 Resp: 293766

Ion Ratio Lower Upper

200 100

173 27.7 8.1 48.1

215 49.1 28.8 68.8



#70

Pentachlorophenol

Concen: 105.241 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

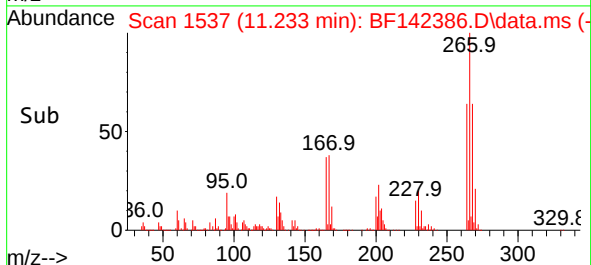
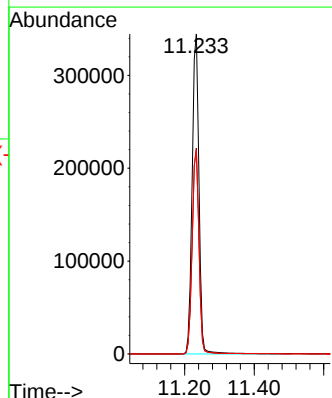
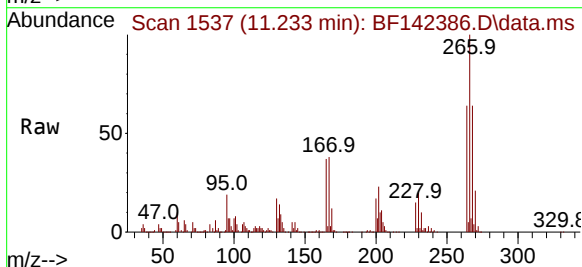
Tgt Ion:266 Resp: 471856

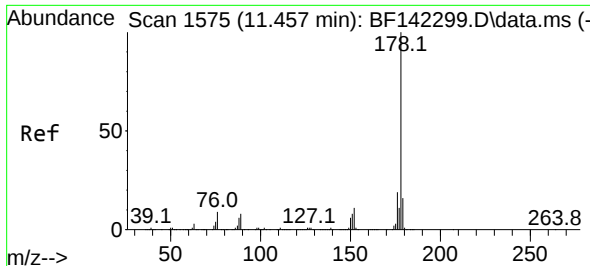
Ion Ratio Lower Upper

266 100

268 64.4 48.7 73.1

264 63.8 49.8 74.6

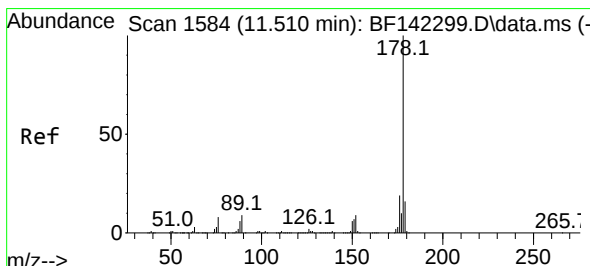
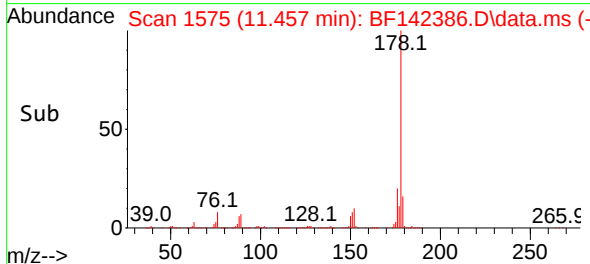
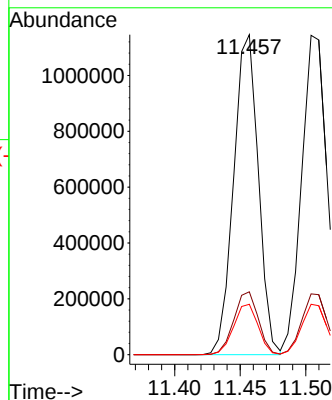
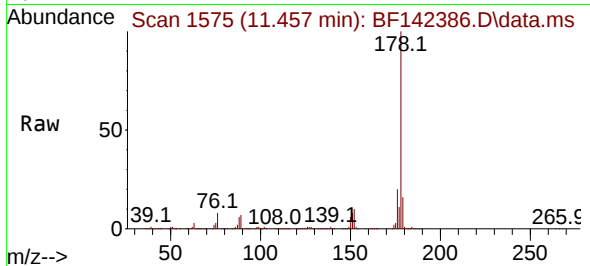




#71
Phenanthrene
Concen: 41.963 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

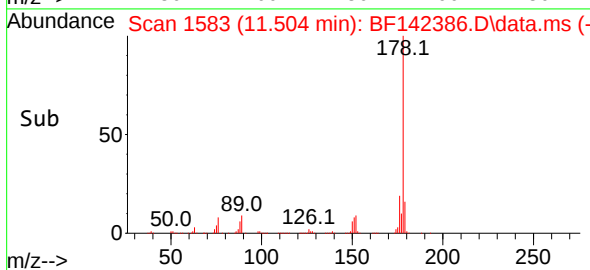
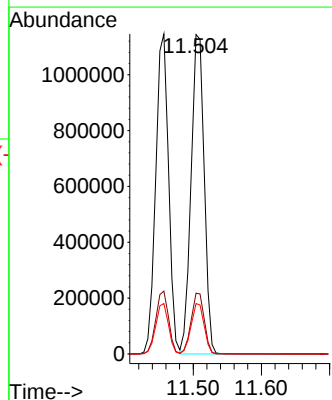
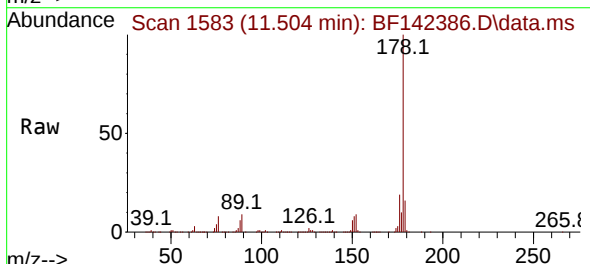
Instrument :
BNA_F
ClientSampleId :
PB167951BS

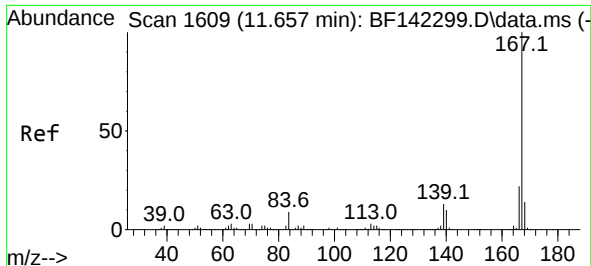
Tgt Ion:178 Resp: 1503753
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.8 12.6 18.8



#72
Anthracene
Concen: 41.409 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:178 Resp: 1524726
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.8 12.6 18.8

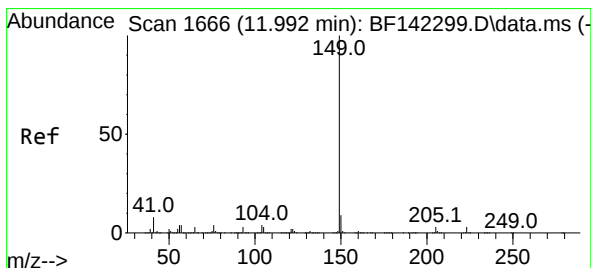
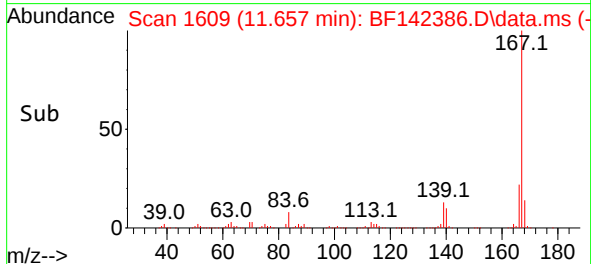
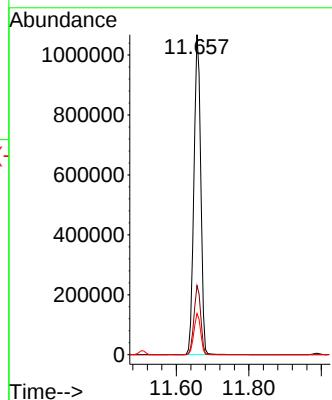
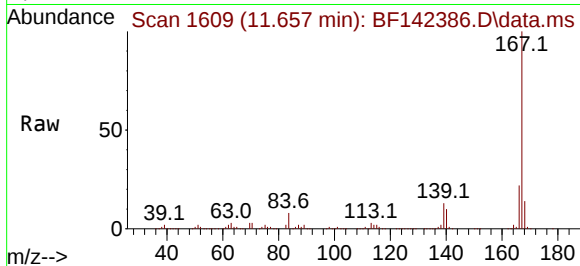




#73
 Carbazole
 Concen: 42.101 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

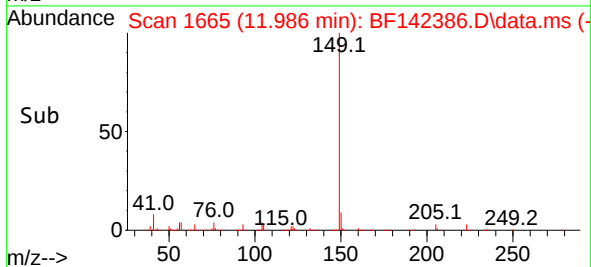
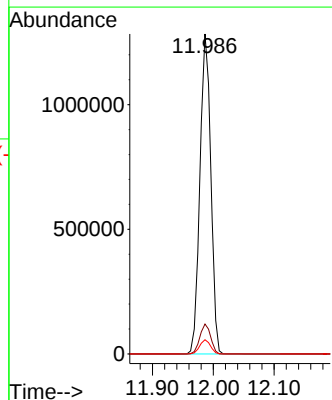
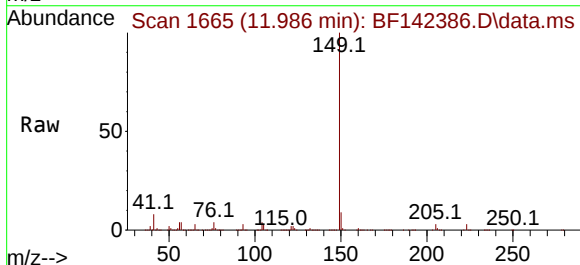
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

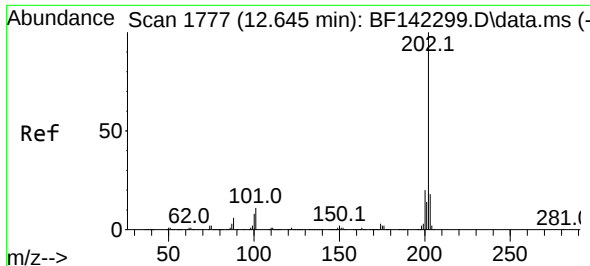
Tgt Ion:167 Resp: 1390787
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.9 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 45.730 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 1588510
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.4 3.6 5.4

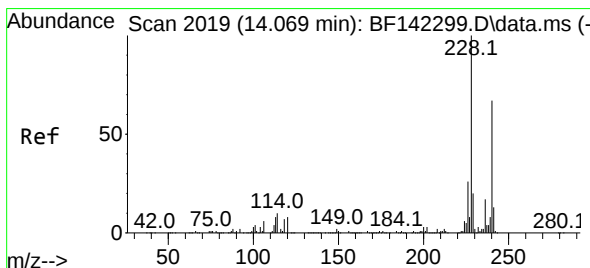
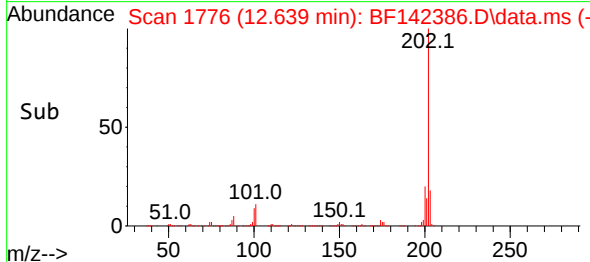
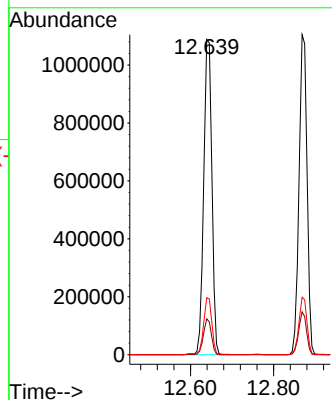
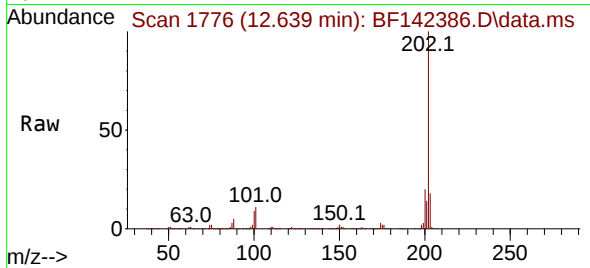




#75
Fluoranthene
Concen: 41.530 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

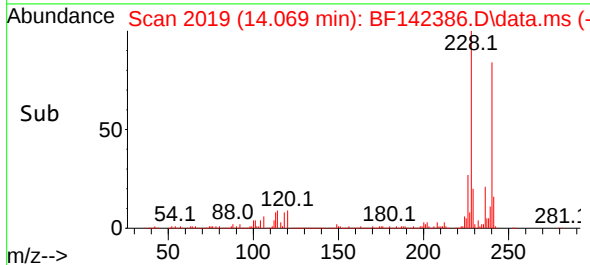
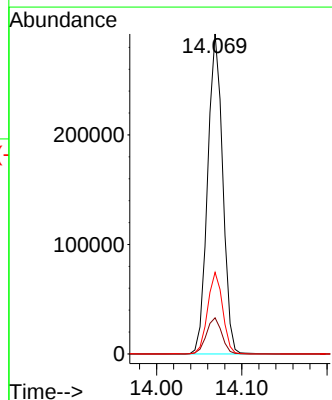
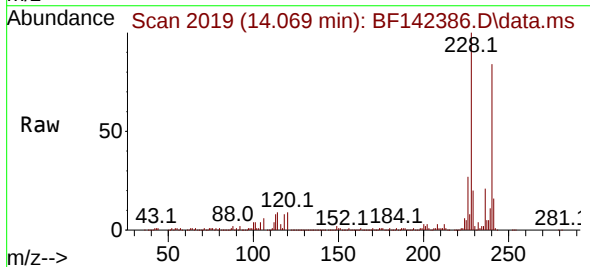
Instrument :
BNA_F
ClientSampleId :
PB167951BS

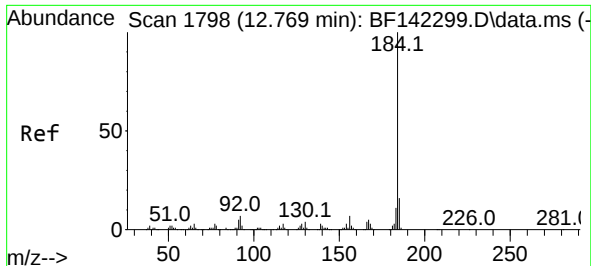
Tgt Ion:202 Resp: 1487674
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.4
203 18.1 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:240 Resp: 358537
Ion Ratio Lower Upper
240 100
120 11.3 9.7 14.5
236 25.5 20.0 30.0

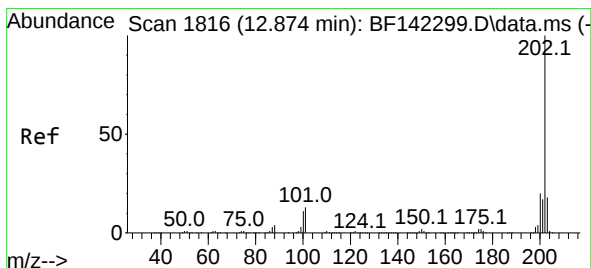
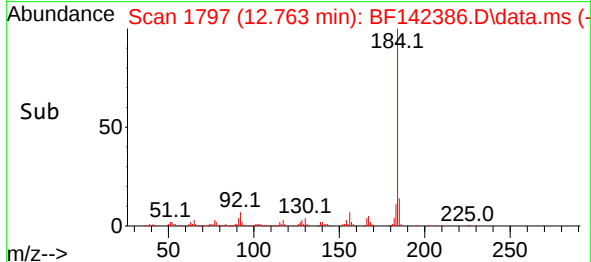
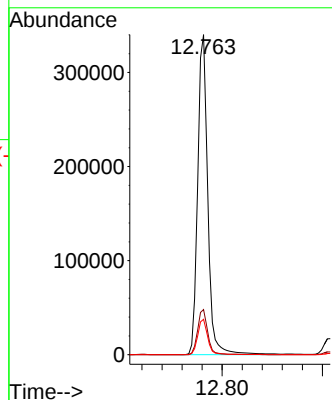
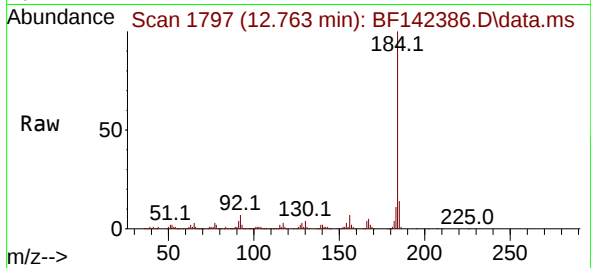




#77
Benzidine
Concen: 72.605 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

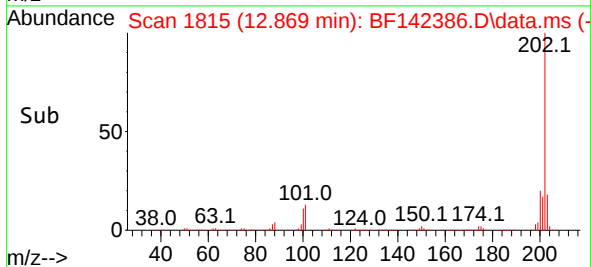
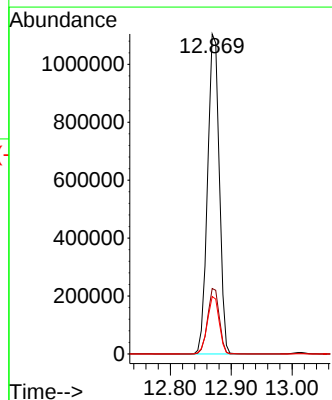
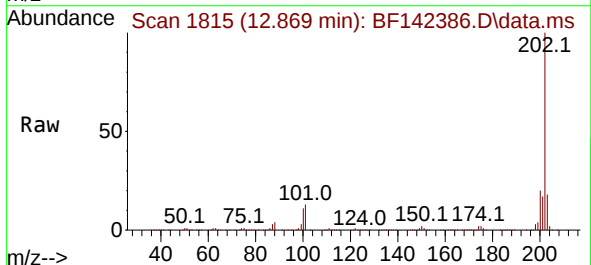
Instrument :
BNA_F
ClientSampleId :
PB167951BS

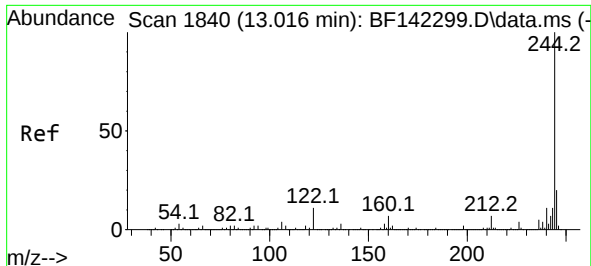
Tgt Ion:184 Resp: 473065
Ion Ratio Lower Upper
184 100
185 14.1 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 46.209 ng
RT: 12.869 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

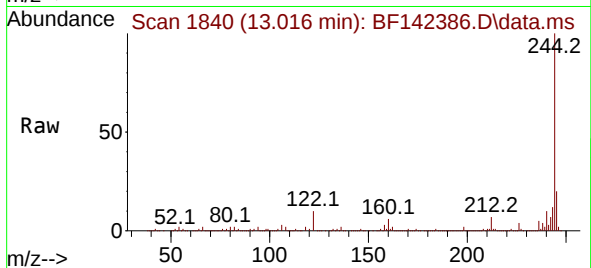
Tgt Ion:202 Resp: 1474683
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.0 14.3 21.5



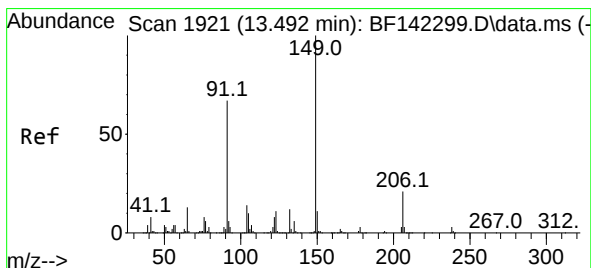
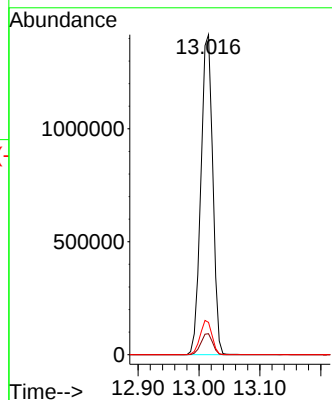
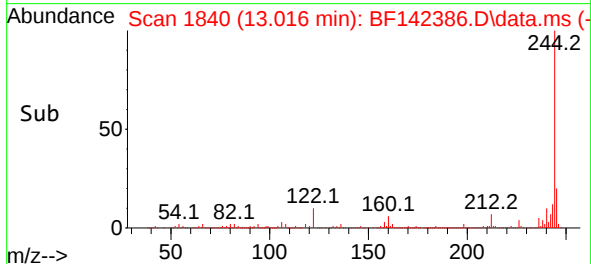


#79
 Terphenyl-d14
 Concen: 79.343 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

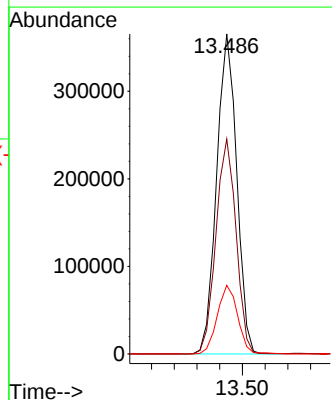
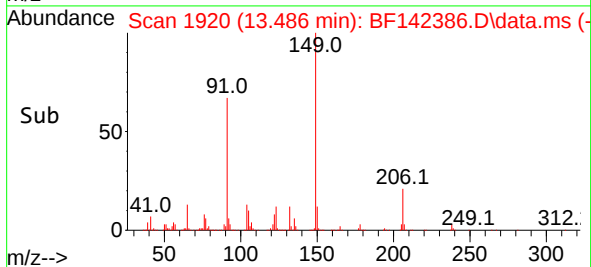
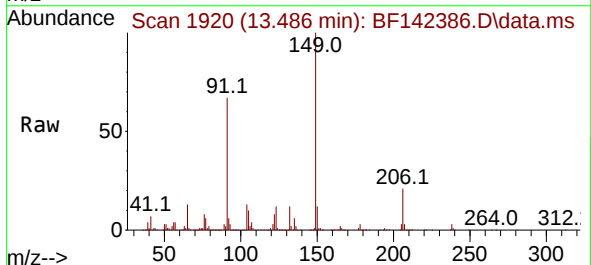


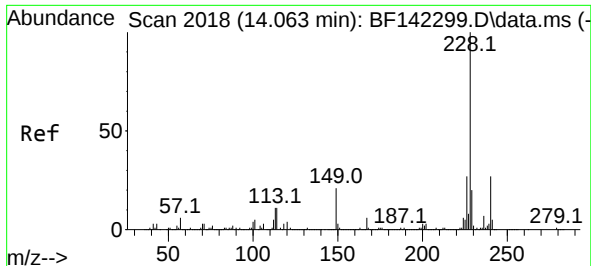
Tgt Ion:244 Resp: 1921973
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.1 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 48.238 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Tgt Ion:149 Resp: 449443
 Ion Ratio Lower Upper
 149 100
 91 67.1 53.8 80.6
 206 21.5 16.6 24.8

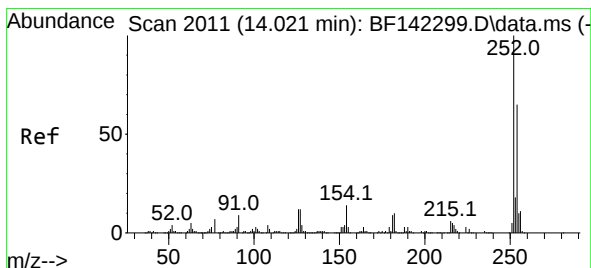
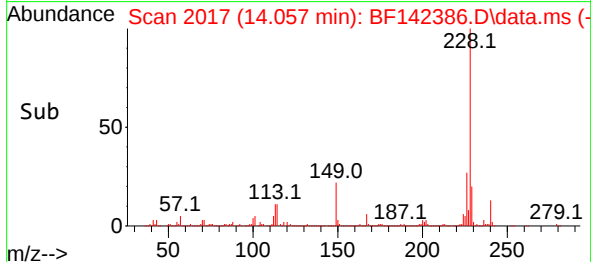
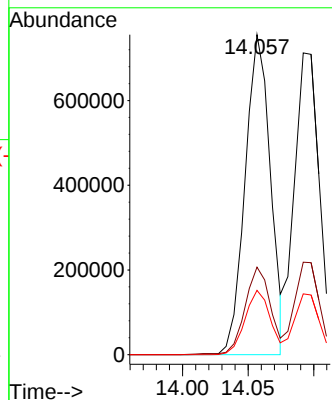
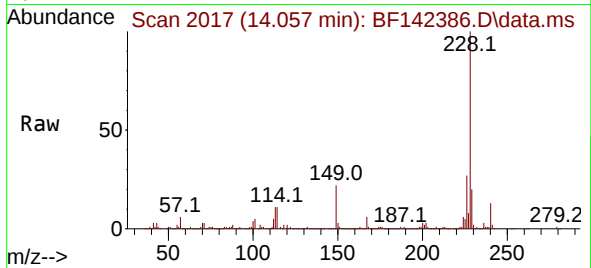




#81
Benzo(a)anthracene
Concen: 43.677 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

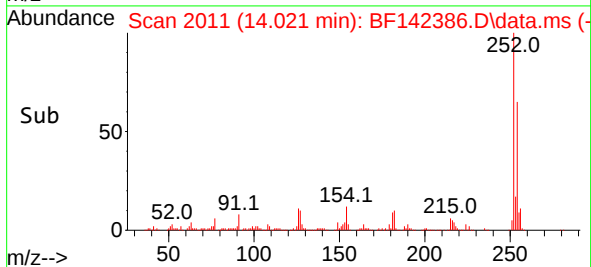
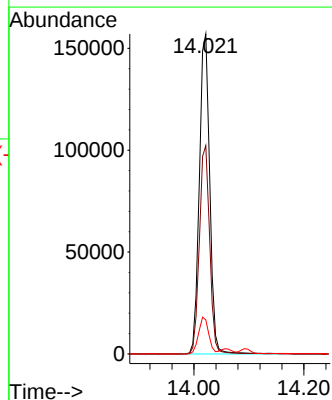
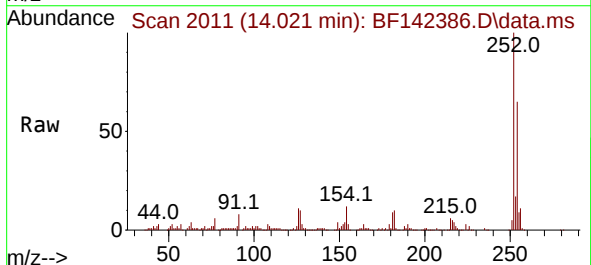
Instrument :
BNA_F
ClientSampleId :
PB167951BS

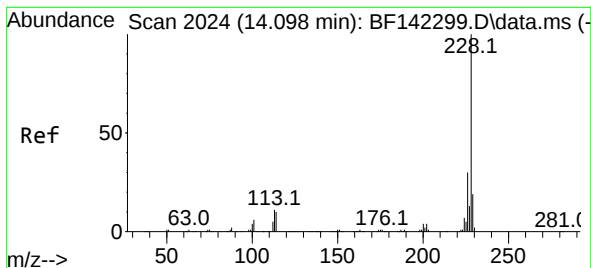
Tgt Ion:228 Resp: 1014145
Ion Ratio Lower Upper
228 100
226 27.4 21.5 32.3
229 20.1 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 38.327 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 206951
Ion Ratio Lower Upper
252 100
254 65.1 52.0 78.0
126 10.7 9.7 14.5





#83

Chrysene

Concen: 43.452 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

Instrument :

BNA_F

ClientSampleId :

PB167951BS

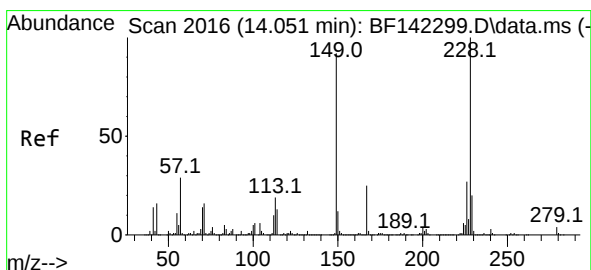
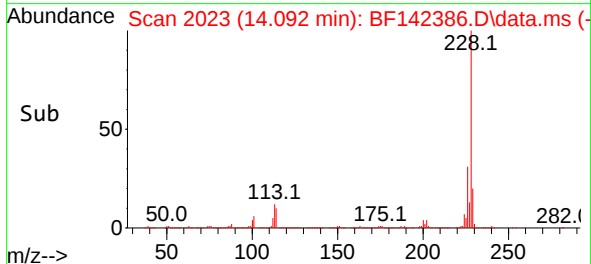
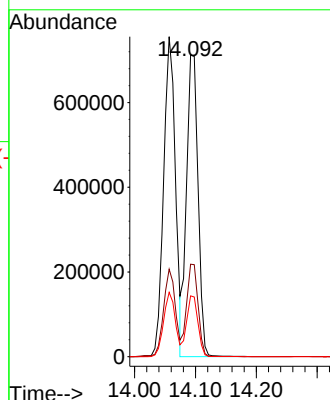
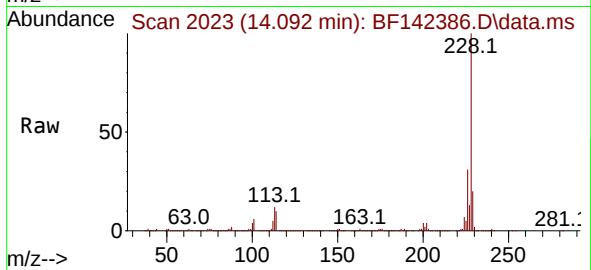
Tgt Ion:228 Resp: 939233

Ion Ratio Lower Upper

228 100

226 30.7 23.9 35.9

229 20.2 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.979 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142386.D

Acq: 15 May 2025 11:06

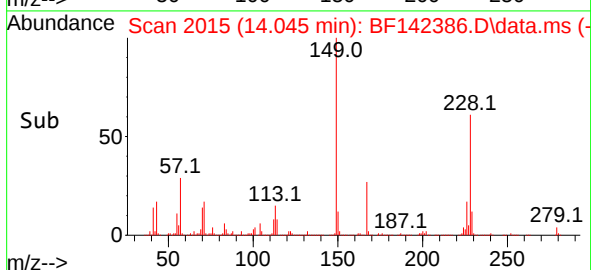
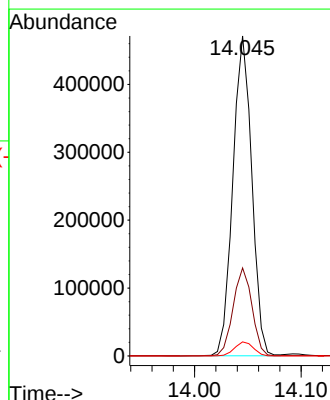
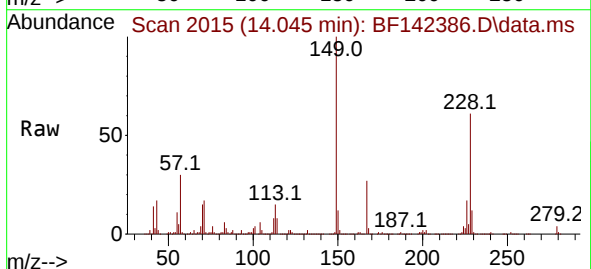
Tgt Ion:149 Resp: 581894

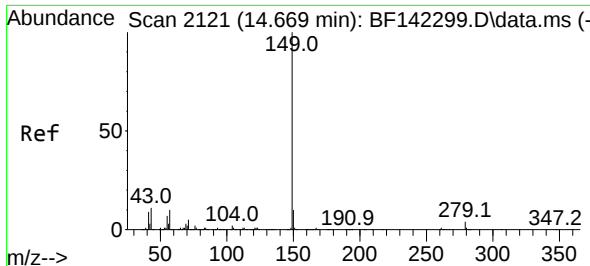
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.4 3.0 4.6

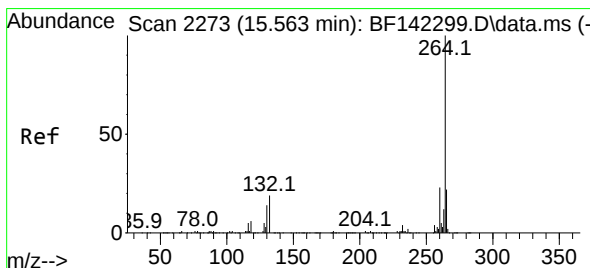
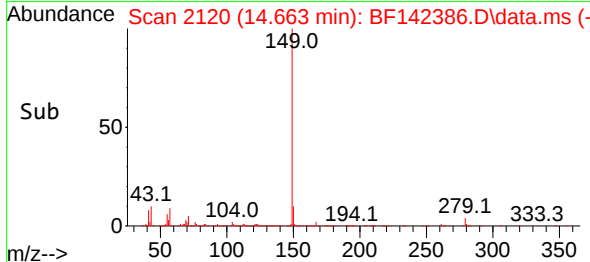
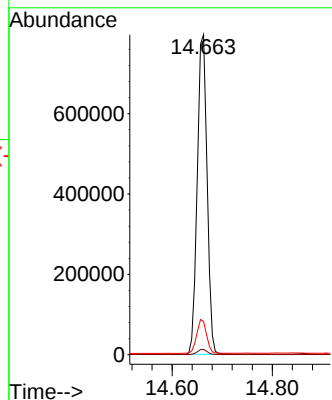
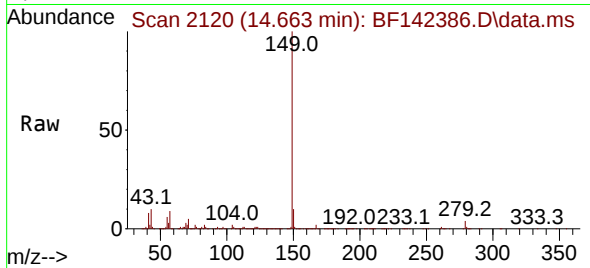




#85
Di-n-octyl phthalate
Concen: 49.196 ng
RT: 14.663 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

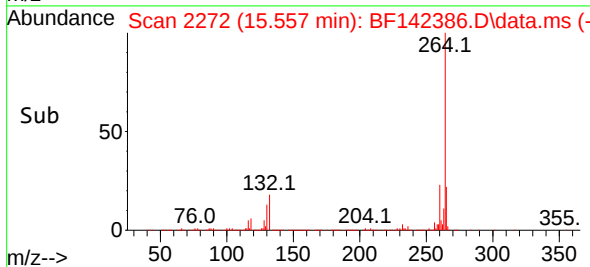
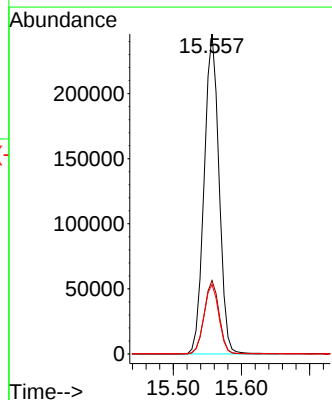
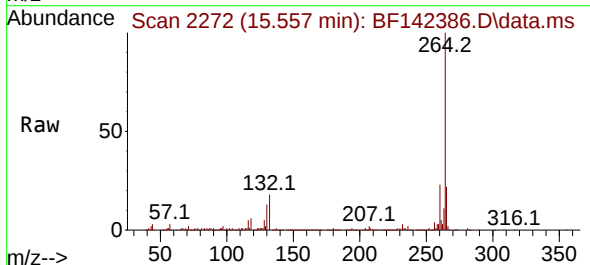
Instrument :
BNA_F
ClientSampleId :
PB167951BS

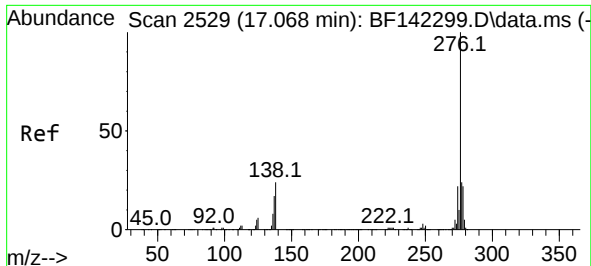
Tgt Ion:149 Resp: 1080903
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.5 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:264 Resp: 373046
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.7 17.5 26.3

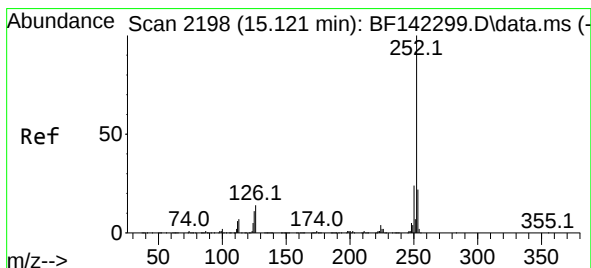
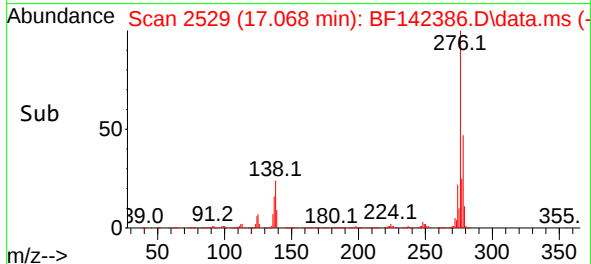
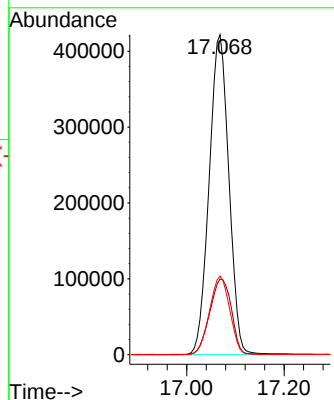
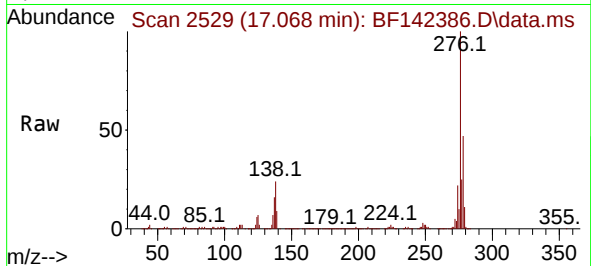




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.630 ng
 RT: 17.068 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

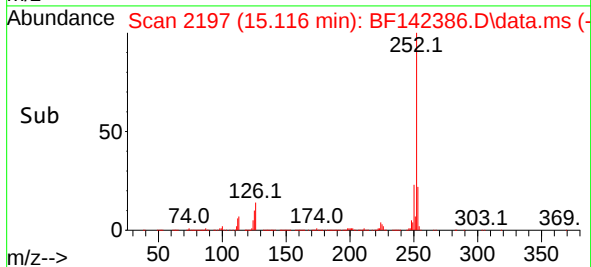
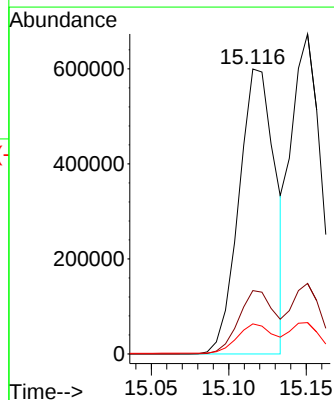
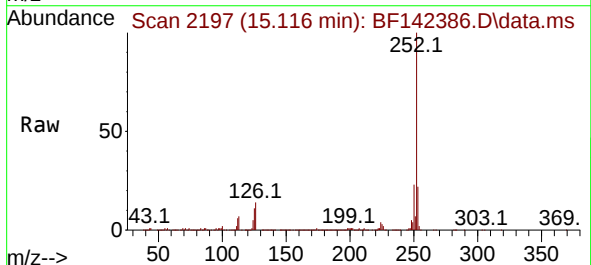
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BS

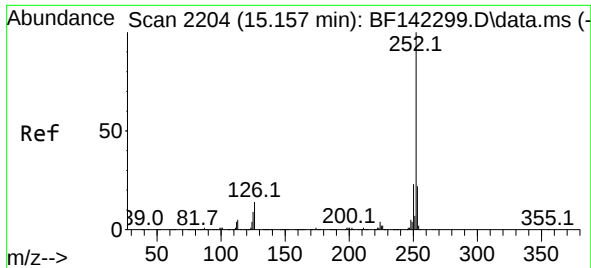
Tgt Ion:276 Resp: 1184117
 Ion Ratio Lower Upper
 276 100
 138 25.8 22.0 33.0
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 43.176 ng
 RT: 15.116 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142386.D
 Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 975513
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 10.6 8.7 13.1

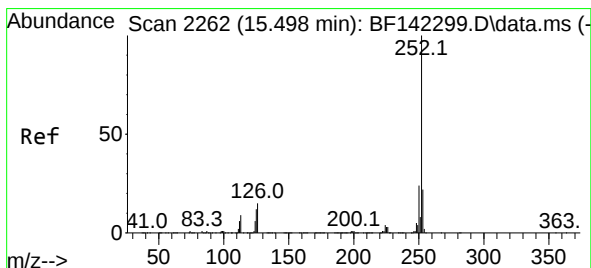
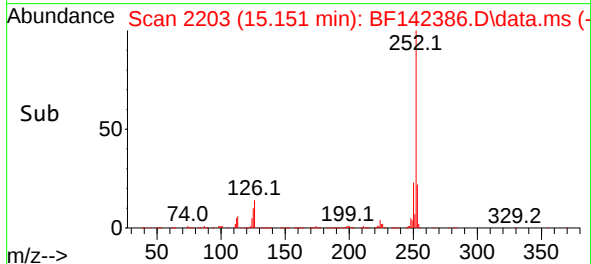
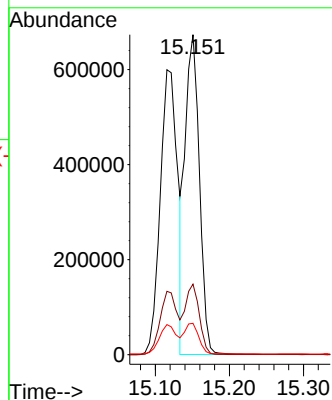
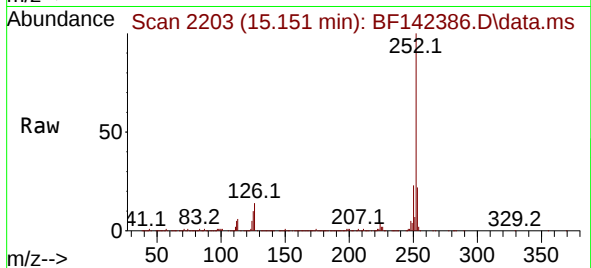




#89
Benzo(k)fluoranthene
Concen: 43.649 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

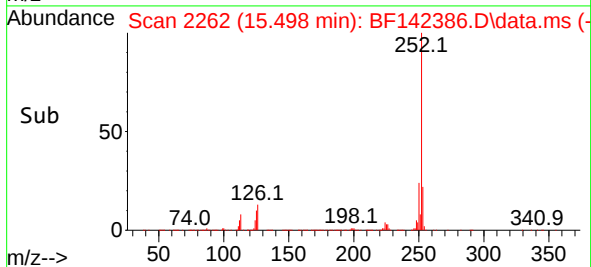
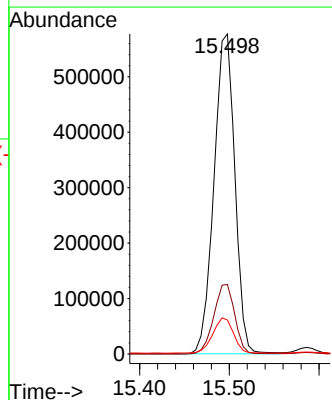
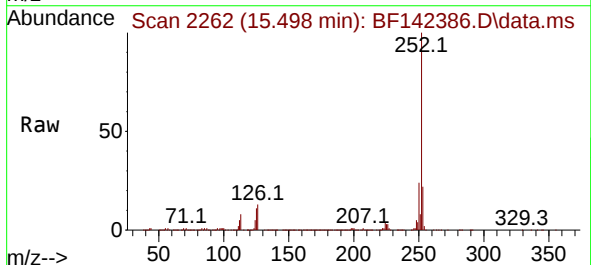
Instrument :
BNA_F
ClientSampleId :
PB167951BS

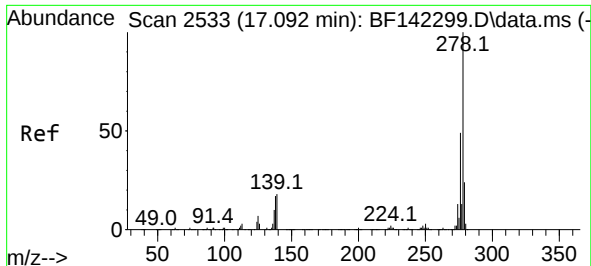
Tgt Ion:252 Resp: 902489
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.8 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.057 ng
RT: 15.498 min Scan# 2262
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:252 Resp: 932498
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 10.6 9.4 14.0

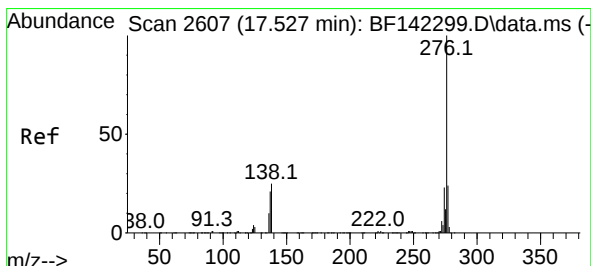
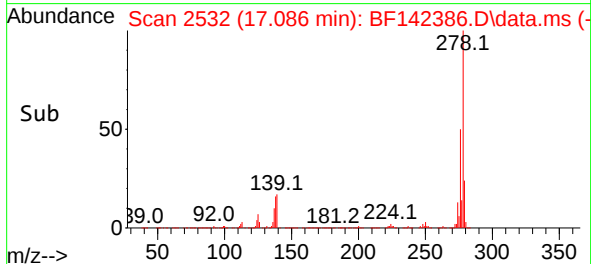
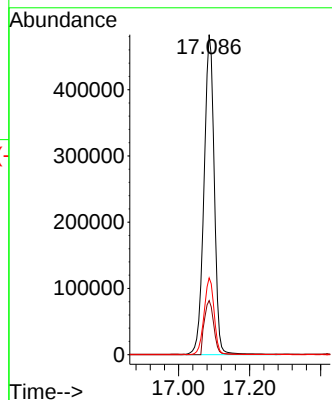
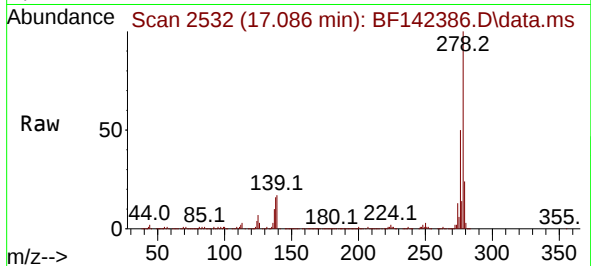




#91
Dibenzo(a,h)anthracene
Concen: 45.433 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Instrument :
BNA_F
ClientSampleId :
PB167951BS

Tgt Ion:278 Resp: 974032
Ion Ratio Lower Upper
278 100
139 16.9 14.5 21.7
279 24.0 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 44.356 ng
RT: 17.527 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF142386.D
Acq: 15 May 2025 11:06

Tgt Ion:276 Resp: 943811
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 22.2 19.8 29.6

