

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142119.D
 Acq On : 27 Mar 2025 11:32
 Operator : RC/JU
 Sample : PB167326BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

Quant Time: Mar 27 12:18:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	126175	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	501164	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	285808	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	523441	20.000	ng	0.00
76) Chrysene-d12	14.039	240	335672	20.000	ng	0.00
86) Perylene-d12	15.509	264	340644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1072532	141.867	ng	0.00
7) Phenol-d6	6.498	99	1312954	136.401	ng	0.00
23) Nitrobenzene-d5	7.434	82	869036	97.584	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	638754	176.167	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1897399	100.962	ng	-0.01
79) Terphenyl-d14	12.980	244	2546209	112.147	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	135324	42.720	ng	95
3) Pyridine	3.469	79	310375	39.945	ng	98
4) n-Nitrosodimethylamine	3.410	42	154571	41.731	ng	96
6) Aniline	6.534	93	366935	38.642	ng	99
8) 2-Chlorophenol	6.657	128	395408	47.158	ng	97
9) Benzaldehyde	6.422	77	97113	18.039	ng	99
10) Phenol	6.516	94	456994	45.129	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	335436	44.114	ng	98
12) 1,3-Dichlorobenzene	6.810	146	417650	46.138	ng	99
13) 1,4-Dichlorobenzene	6.886	146	421353	46.005	ng	99
14) 1,2-Dichlorobenzene	7.039	146	405529	47.008	ng	98
15) Benzyl Alcohol	7.010	79	339424	43.618	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	372873	40.618	ng	97
17) 2-Methylphenol	7.122	107	309153	46.373	ng	100
18) Hexachloroethane	7.381	117	157602	45.888	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	256494	41.470	ng	99
20) 3+4-Methylphenols	7.275	107	388019	45.440	ng	# 82
22) Acetophenone	7.281	105	584221	48.678	ng	98
24) Nitrobenzene	7.451	77	394871	44.603	ng	98
25) Isophorone	7.692	82	726912	46.177	ng	99
26) 2-Nitrophenol	7.769	139	214259	49.310	ng	98
27) 2,4-Dimethylphenol	7.804	122	332815	55.626	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	436166	44.176	ng	99
29) 2,4-Dichlorophenol	8.010	162	343774	46.291	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	376847	46.046	ng	98
31) Naphthalene	8.175	128	1141148	44.327	ng	100
32) Benzoic acid	7.928	122	274273	52.150	ng	97
33) 4-Chloroaniline	8.222	127	196309	21.601	ng	98
34) Hexachlorobutadiene	8.292	225	251812	47.180	ng	99
35) Caprolactam	8.592	113	74655	32.973	ng	92
36) 4-Chloro-3-methylphenol	8.704	107	384941	46.467	ng	97
37) 2-Methylnaphthalene	8.869	142	751758	43.688	ng	99
38) 1-Methylnaphthalene	8.969	142	731284	44.040	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	452579	52.010	ng	99
41) Hexachlorocyclopentadiene	9.022	237	557528	163.714	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	270416	47.551	ng	99

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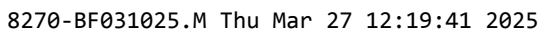
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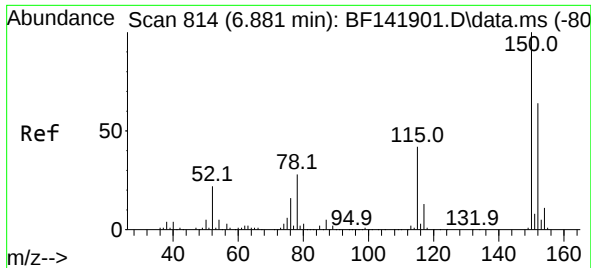
Quant Time: Mar 27 12:18:18 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	288518	50.092	ng	99
46) 1,1'-Biphenyl	9.333	154	1109852	51.107	ng	99
47) 2-Chloronaphthalene	9.357	162	770015	47.573	ng	98
48) 2-Nitroaniline	9.451	65	223530	47.696	ng	97
49) Acenaphthylene	9.775	152	1193906	49.706	ng	100
50) Dimethylphthalate	9.633	163	957304	47.831	ng	100
51) 2,6-Dinitrotoluene	9.692	165	208116	49.942	ng	96
52) Acenaphthene	9.945	154	913046	54.091	ng	100
53) 3-Nitroaniline	9.863	138	133185	31.508	ng	98
54) 2,4-Dinitrophenol	9.975	184	257293	106.313	ng	# 44
55) Dibenzofuran	10.116	168	1104870	45.809	ng	99
56) 4-Nitrophenol	10.027	139	334122	104.814	ng	95
57) 2,4-Dinitrotoluene	10.098	165	293007	53.834	ng	98
58) Fluorene	10.463	166	889864	47.842	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	267899	51.115	ng	96
60) Diethylphthalate	10.333	149	953151	47.760	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	468988	48.363	ng	96
62) 4-Nitroaniline	10.480	138	203602	49.474	ng	97
63) Azobenzene	10.610	77	833355	44.915	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	169843	54.429	ng	94
66) n-Nitrosodiphenylamine	10.569	169	790493	46.668	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	310148	47.179	ng	98
68) Hexachlorobenzene	11.010	284	362925	50.337	ng	93
69) Atrazine	11.098	200	335026	64.518	ng	98
70) Pentachlorophenol	11.204	266	438191	98.641	ng	99
71) Phenanthrene	11.422	178	1359458	48.084	ng	99
72) Anthracene	11.474	178	1384419	48.807	ng	100
73) Carbazole	11.627	167	1169220	47.797	ng	100
74) Di-n-butylphthalate	11.957	149	1522408	46.903	ng	100
75) Fluoranthene	12.610	202	1410852	47.043	ng	99
77) Benzidine	12.727	184	317283	67.748	ng	100
78) Pyrene	12.839	202	1390144	47.877	ng	99
80) Butylbenzylphthalate	13.457	149	533692	46.960	ng	96
81) Benzo(a)anthracene	14.027	228	1061326	48.183	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	215961	33.927	ng	100
83) Chrysene	14.063	228	977565	48.960	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	716468	45.724	ng	100
85) Di-n-octyl phthalate	14.627	149	1021804	46.866	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	1083029	49.149	ng	98
88) Benzo(b)fluoranthene	15.080	252	956611	40.975	ng	99
89) Benzo(k)fluoranthene	15.110	252	968970	48.499	ng	99
90) Benzo(a)pyrene	15.451	252	930924	50.960	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	881145	48.465	ng	98
92) Benzo(g,h,i)perylene	17.456	276	805139	44.813	ng	98

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

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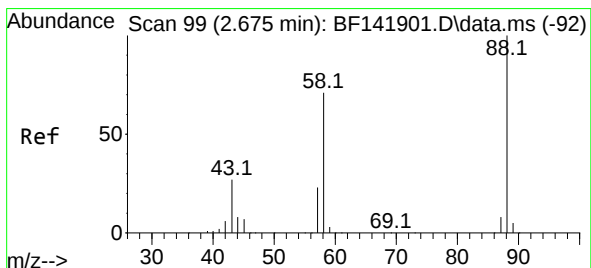
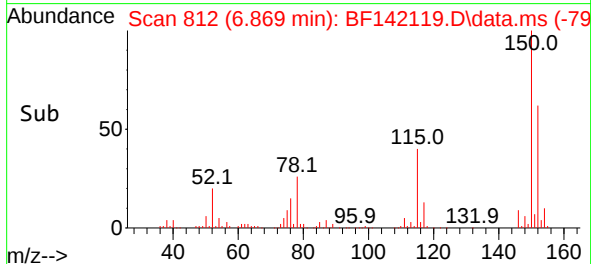
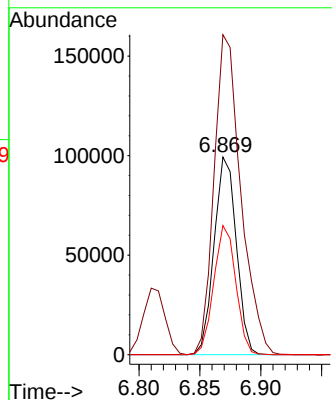
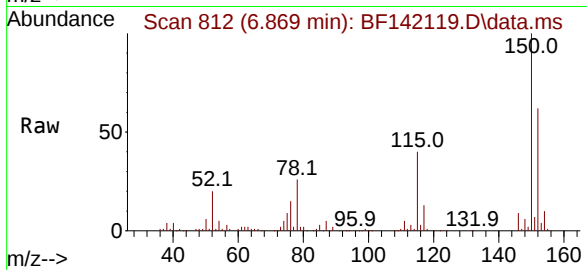




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

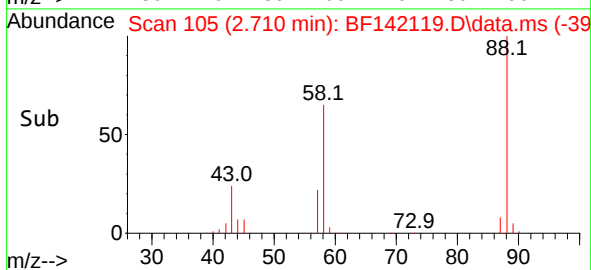
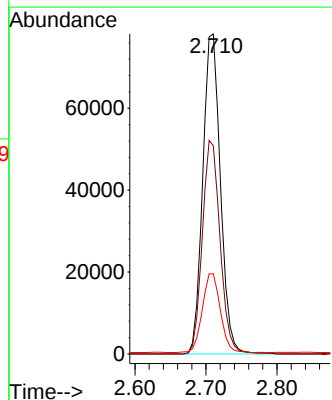
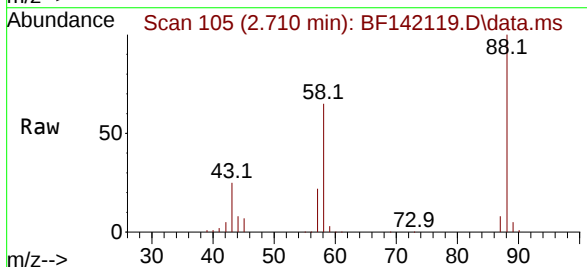
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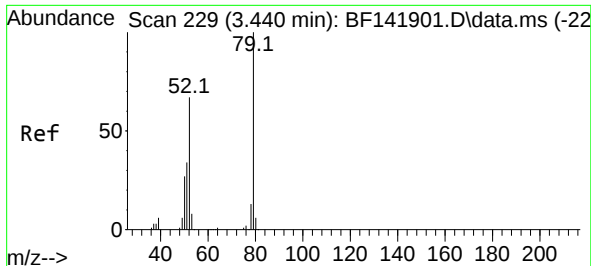
Tgt Ion:152 Resp: 126175
 Ion Ratio Lower Upper
 152 100
 150 162.0 127.4 191.2
 115 65.3 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.720 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.035 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Tgt Ion: 88 Resp: 135324
 Ion Ratio Lower Upper
 88 100
 58 67.2 57.4 86.2
 43 25.1 21.5 32.3





#3

Pyridine

Concen: 39.945 ng

RT: 3.469 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

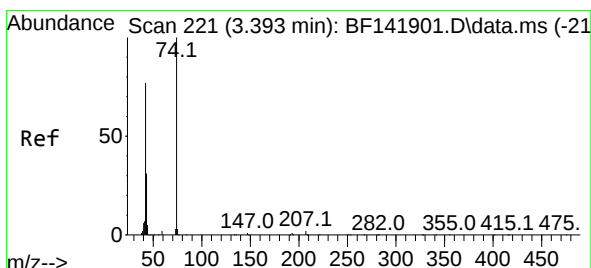
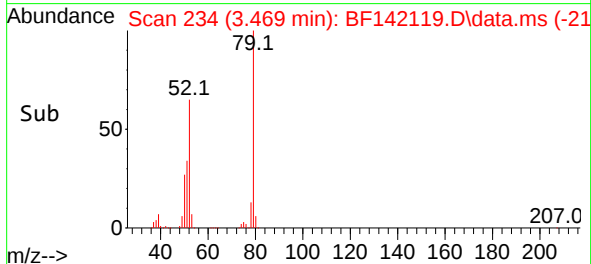
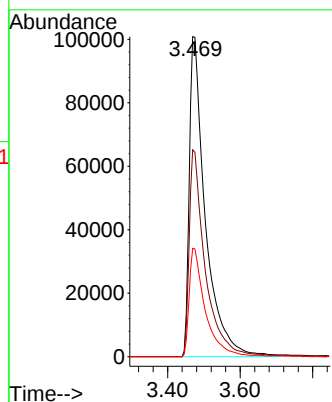
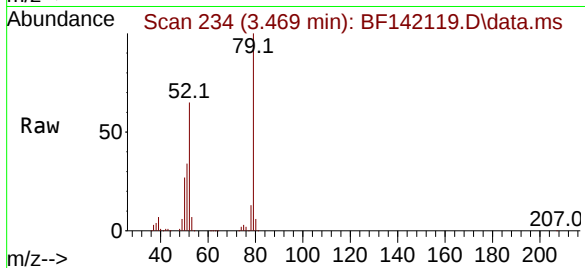
Tgt Ion: 79 Resp: 310375

Ion Ratio Lower Upper

79 100

52 64.6 53.3 79.9

51 33.8 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 41.731 ng

RT: 3.410 min Scan# 224

Delta R.T. 0.018 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

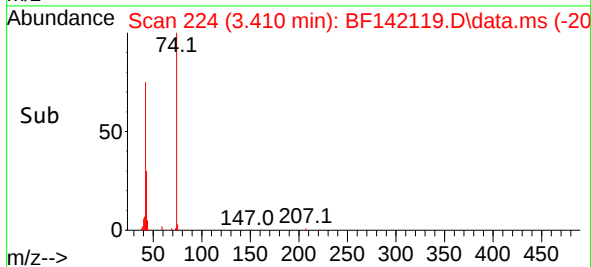
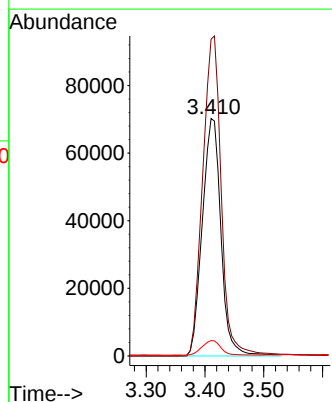
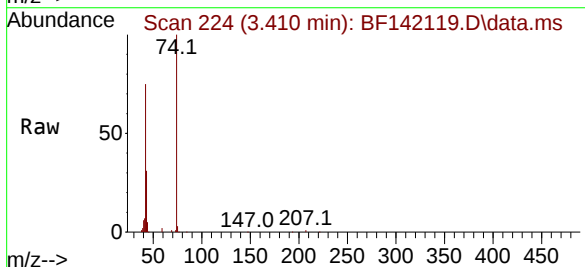
Tgt Ion: 42 Resp: 154571

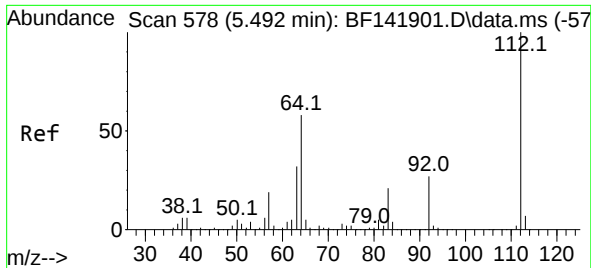
Ion Ratio Lower Upper

42 100

74 133.4 103.4 155.0

44 6.5 5.0 7.4

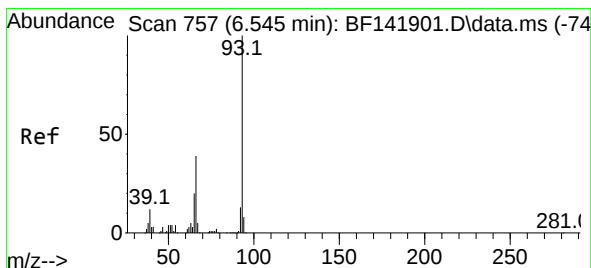
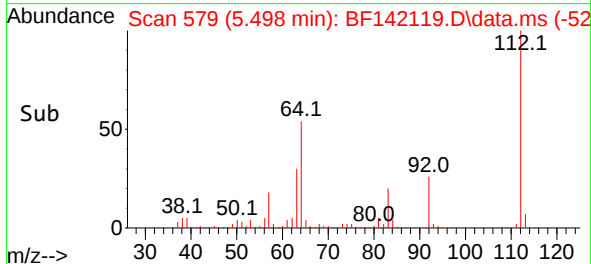
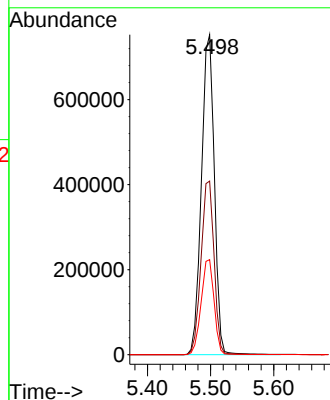
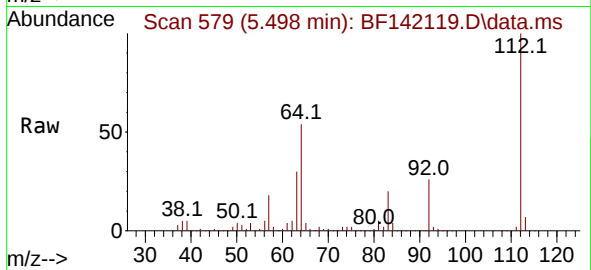




#5
2-Fluorophenol
Concen: 141.867 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

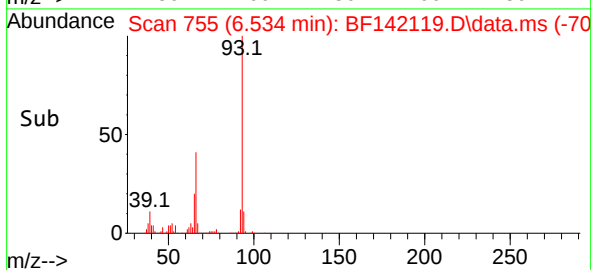
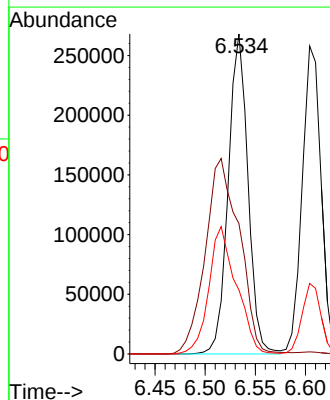
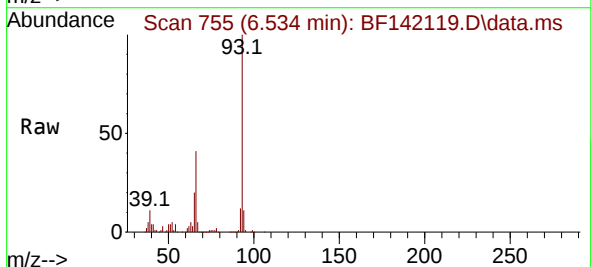
Instrument :
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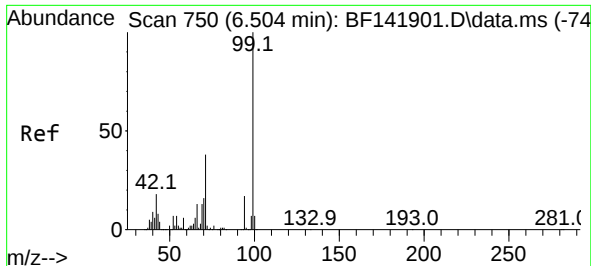
Tgt Ion:112 Resp: 1072532
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 29.7 25.4 38.2



#6
Aniline
Concen: 38.642 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion: 93 Resp: 366935
Ion Ratio Lower Upper
93 100
66 40.7 31.9 47.9
65 20.0 15.8 23.6

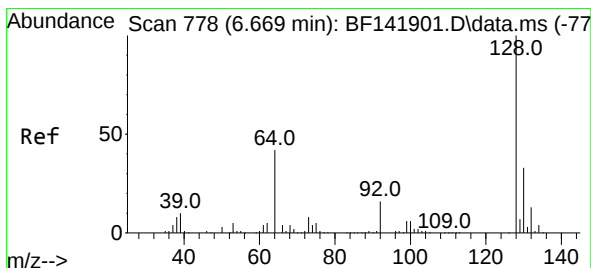
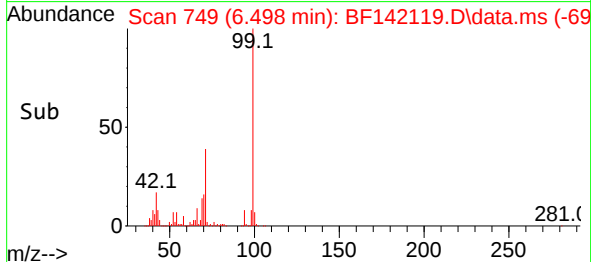
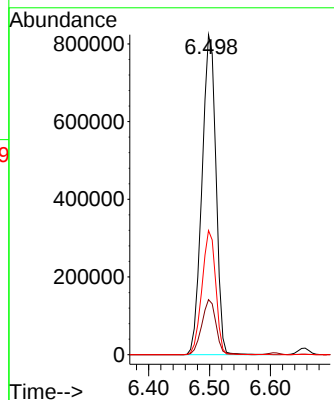
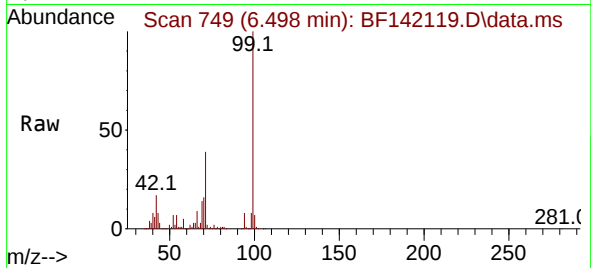




#7
Phenol-d6
Concen: 136.401 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

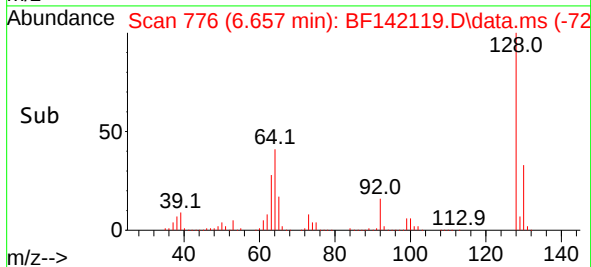
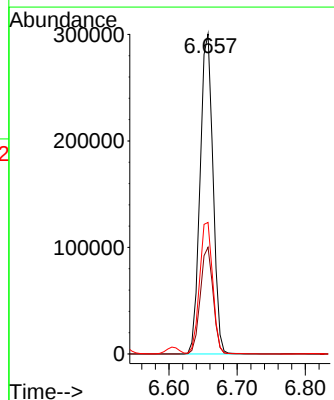
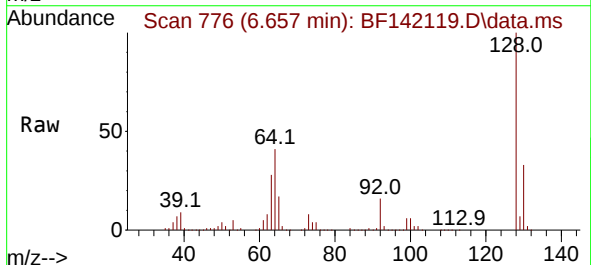
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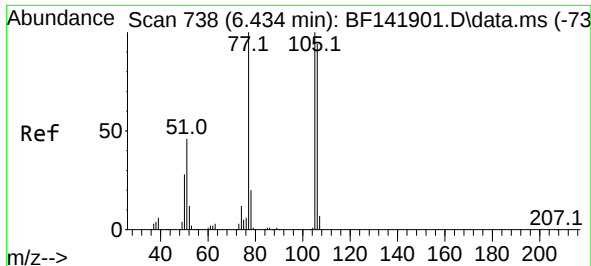
Tgt Ion: 99 Resp: 1312954
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 38.8 30.8 46.2



#8
2-Chlorophenol
Concen: 47.158 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion: 128 Resp: 395408
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 41.1 24.4 64.4

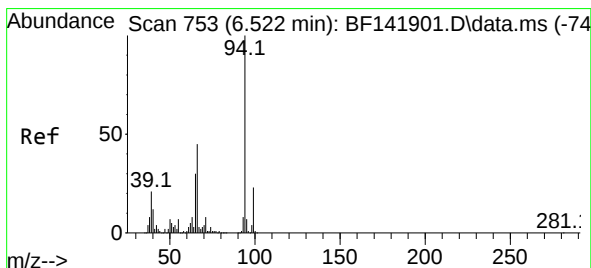
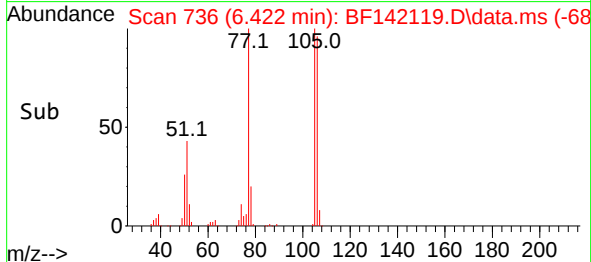
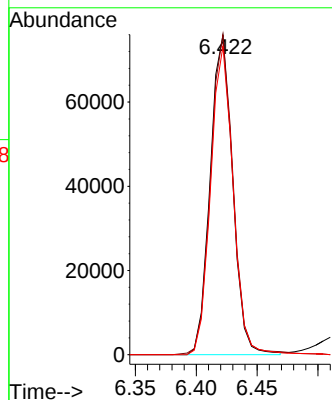
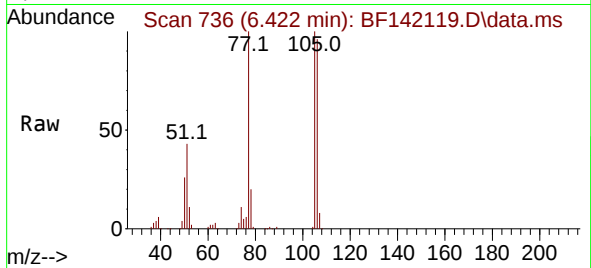




#9
Benzaldehyde
Concen: 18.039 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

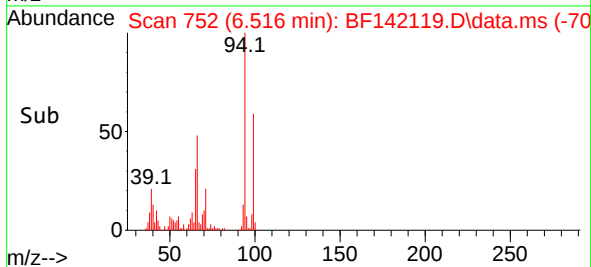
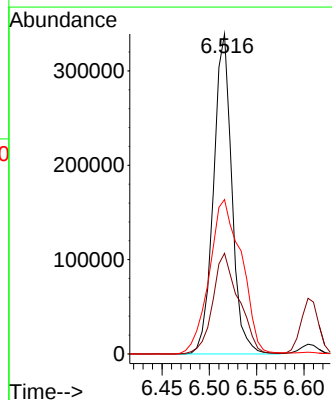
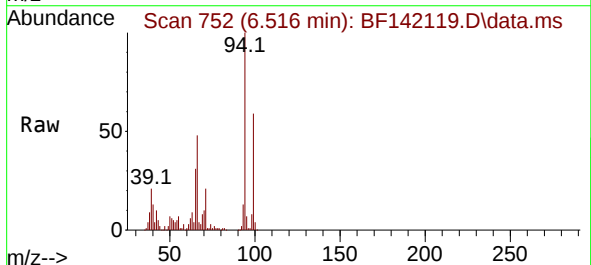
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ClientSampleId :
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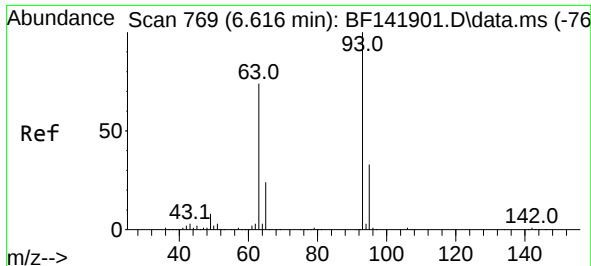
Tgt Ion: 77 Resp: 97113
Ion Ratio Lower Upper
77 100
105 100.3 80.0 120.0
106 96.6 74.5 114.5



#10
Phenol
Concen: 45.129 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion: 94 Resp: 456994
Ion Ratio Lower Upper
94 100
65 31.5 10.5 50.5
66 48.3 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 44.114 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

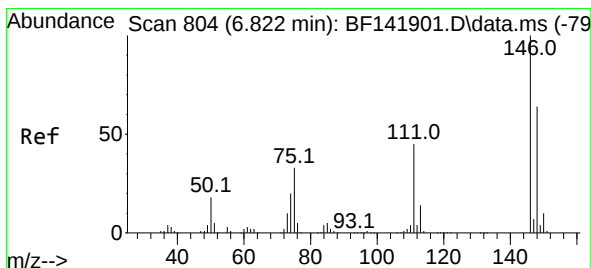
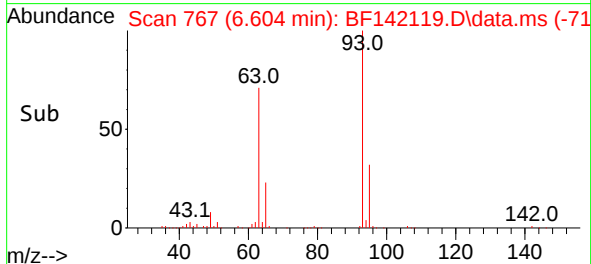
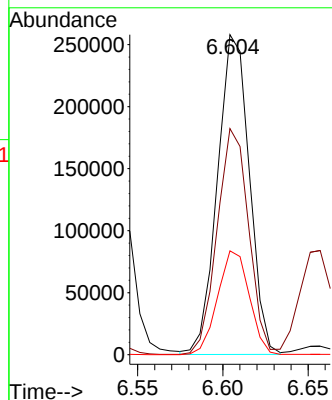
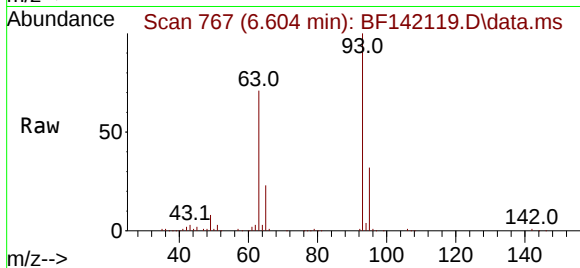
Tgt Ion: 93 Resp: 335436

Ion Ratio Lower Upper

93 100

63 70.6 53.0 93.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 46.138 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

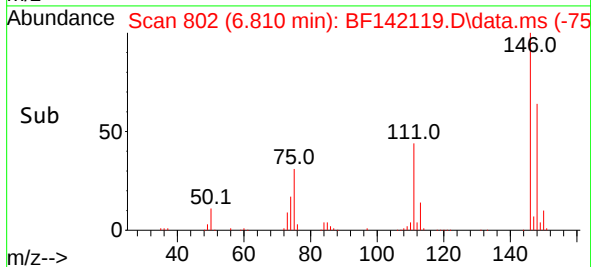
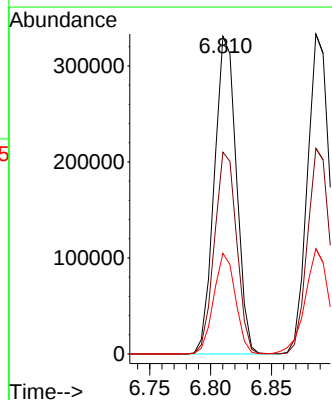
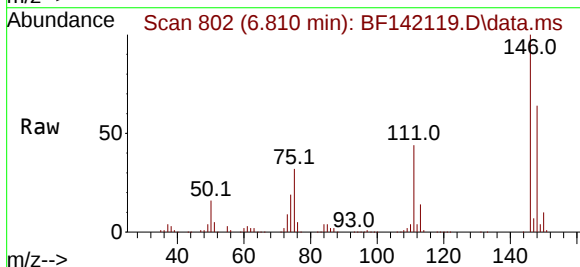
Tgt Ion: 146 Resp: 417650

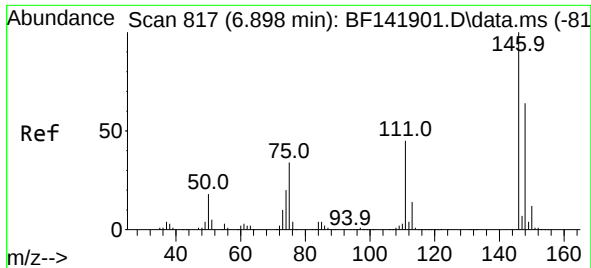
Ion Ratio Lower Upper

146 100

148 63.5 51.3 76.9

75 31.7 26.6 40.0

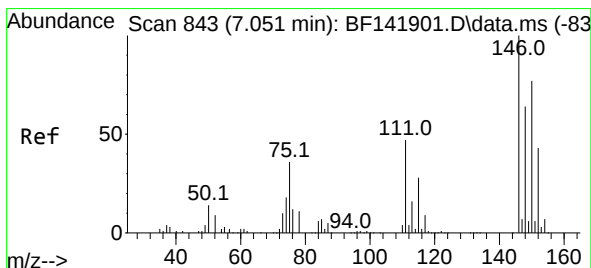
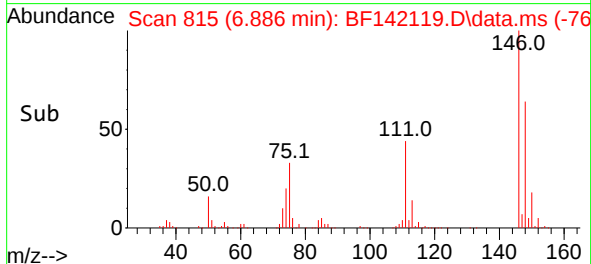
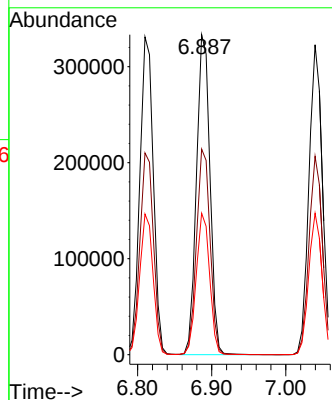
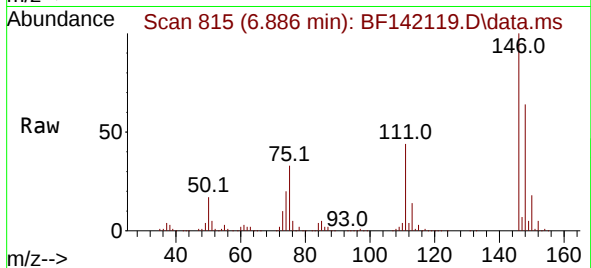




#13
1,4-Dichlorobenzene
Concen: 46.005 ng
RT: 6.886 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

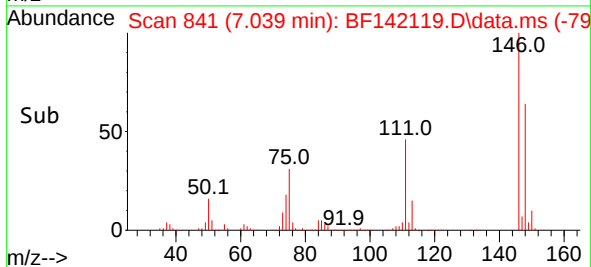
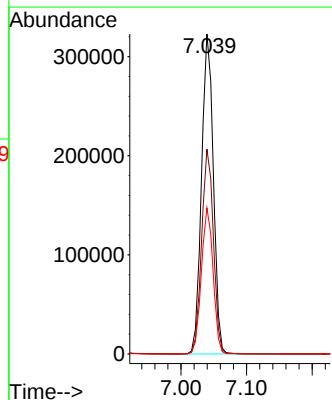
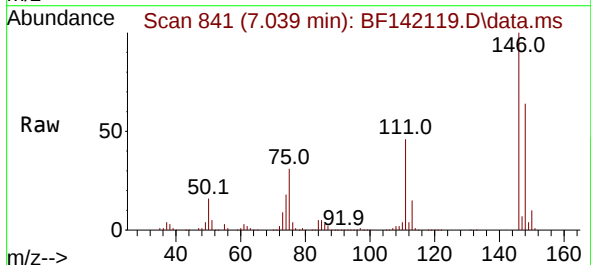
Instrument :
BNA_F
ClientSampleId :
PB167326BS

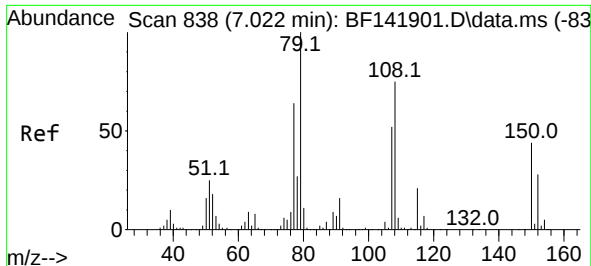
Tgt Ion:146 Resp: 421353
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.2 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 47.008 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:146 Resp: 405529
Ion Ratio Lower Upper
146 100
148 64.0 50.8 76.2
111 45.6 38.0 57.0

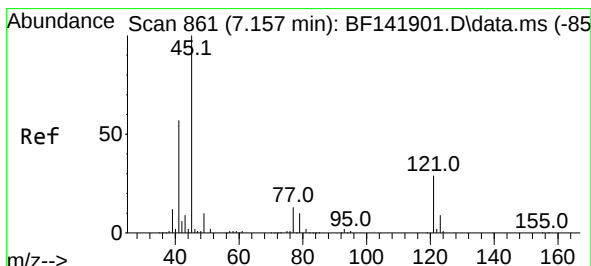
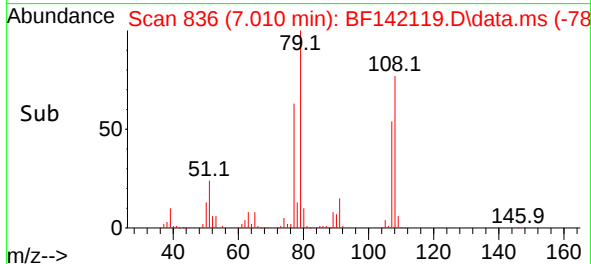
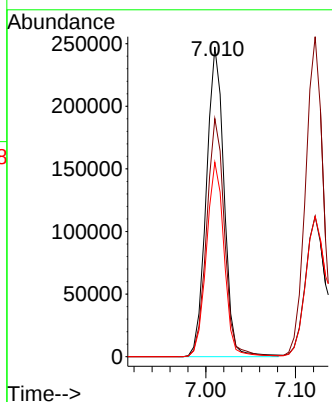
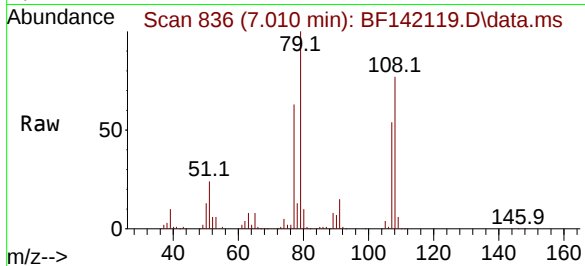




#15
Benzyl Alcohol
Concen: 43.618 ng
RT: 7.010 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

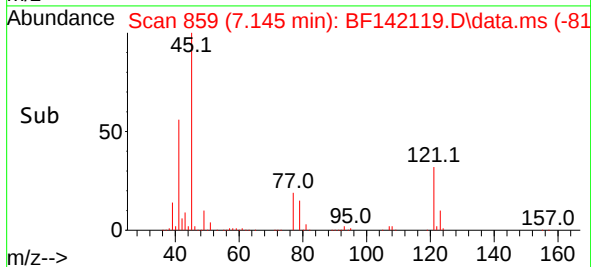
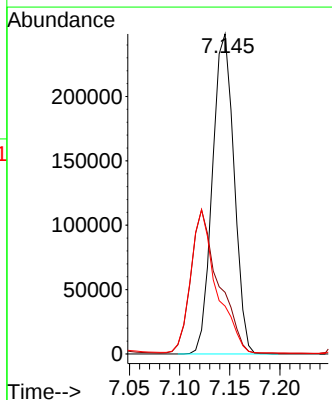
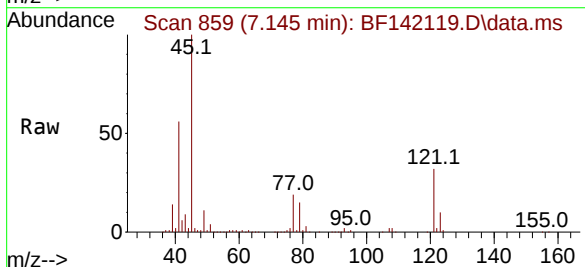
Instrument :
BNA_F
ClientSampleId :
PB167326BS

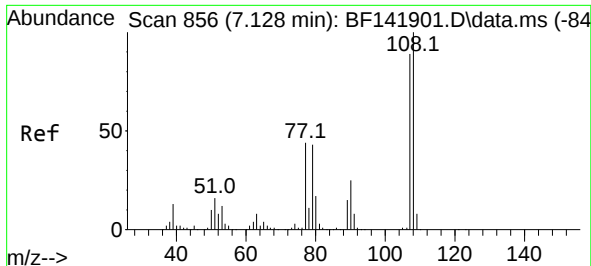
Tgt Ion: 79 Resp: 339424
Ion Ratio Lower Upper
79 100
108 76.9 59.7 89.5
77 62.7 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.618 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion: 45 Resp: 372873
Ion Ratio Lower Upper
45 100
77 19.3 0.0 37.8
79 14.9 0.0 34.2



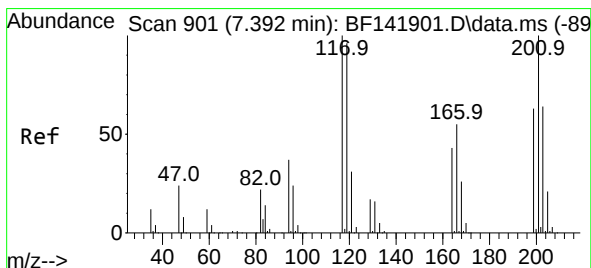
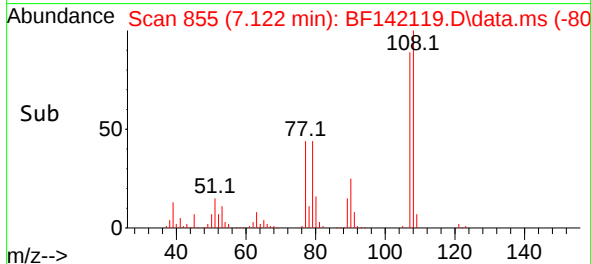
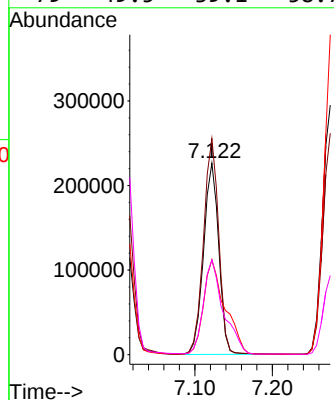
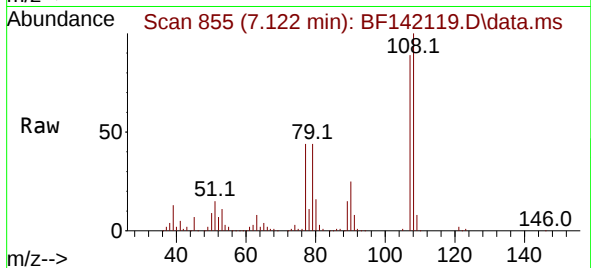


#17
2-Methylphenol
Concen: 46.373 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Instrument :
BNA_F
ClientSampleId :
PB167326BS

Tgt Ion:107 Resp: 309153

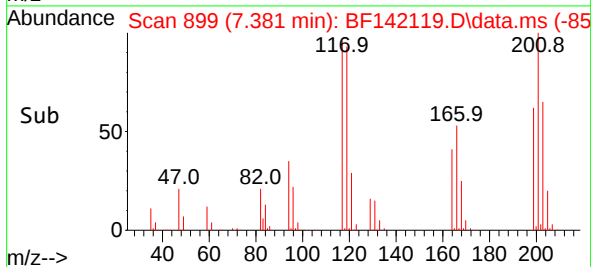
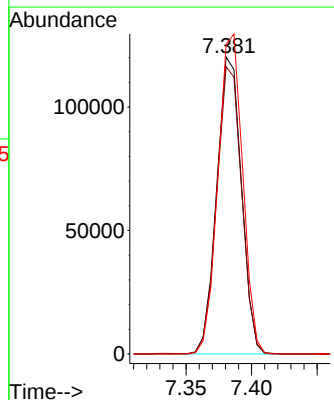
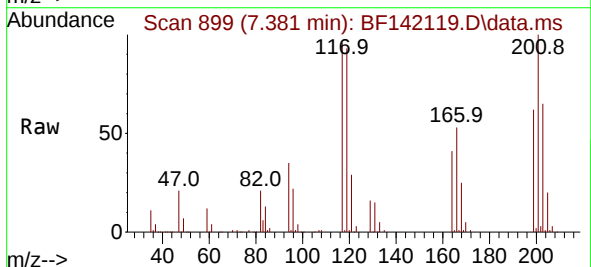
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.2	135.2
77	49.5	39.6	59.4
79	49.5	39.1	58.7

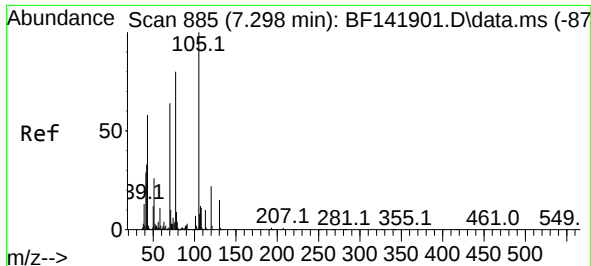


#18
Hexachloroethane
Concen: 45.888 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:117 Resp: 157602

Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.9	115.3
201	104.3	79.9	119.9

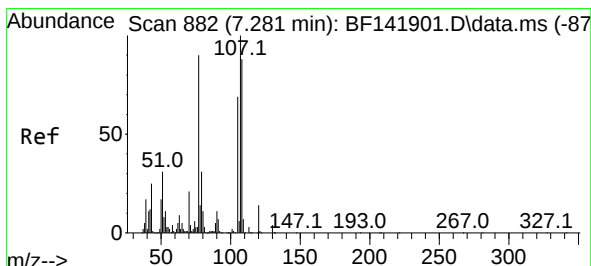
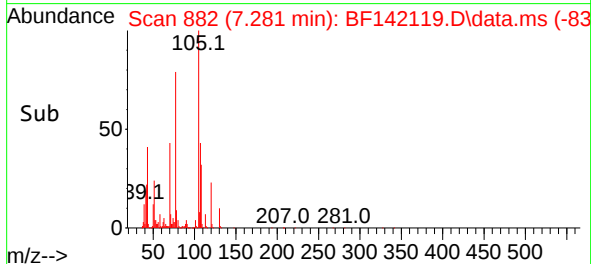
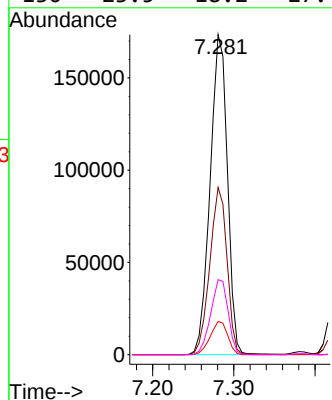
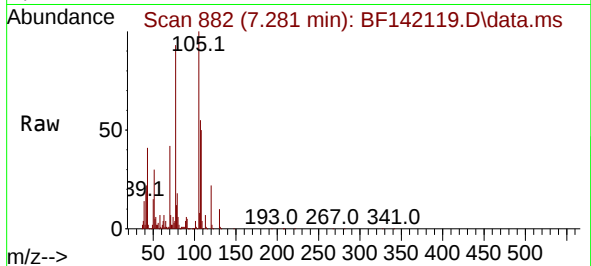




#19
n-Nitroso-di-n-propylamine
Concen: 41.470 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

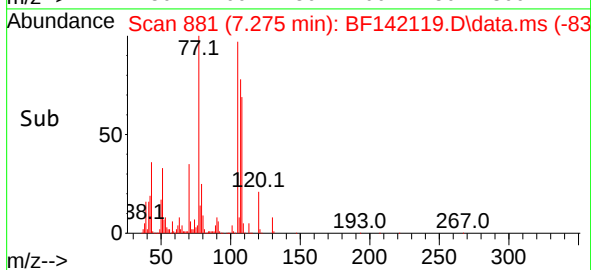
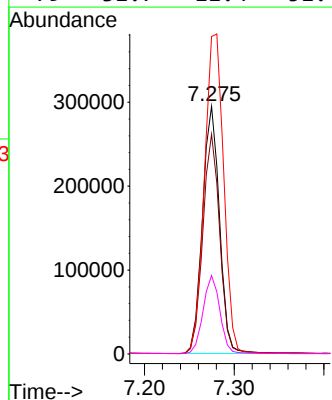
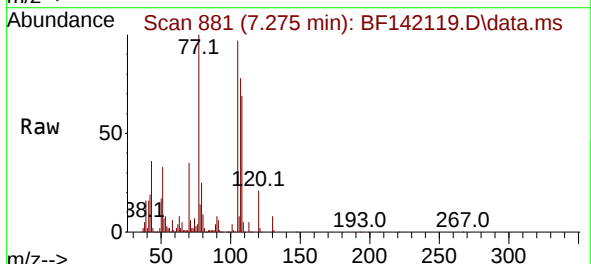
Instrument :
BNA_F
ClientSampleId :
PB167326BS

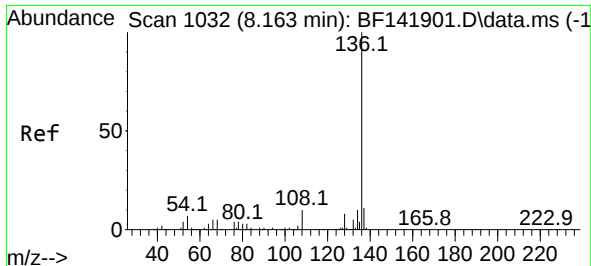
Tgt Ion:	70	Resp:	256494
Ion	Ratio	Lower	Upper
70	100		
42	52.2	41.4	62.0
101	10.4	8.2	12.2
130	23.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.440 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:	107	Resp:	388019
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.4	108.4
77	128.2	69.7	109.7#
79	31.7	11.4	51.4



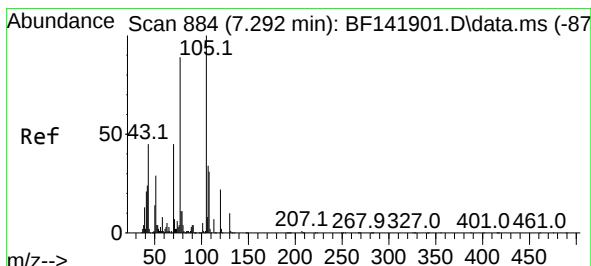
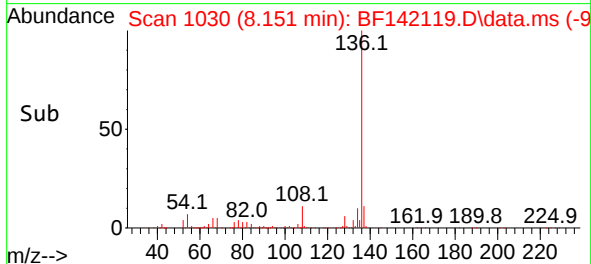
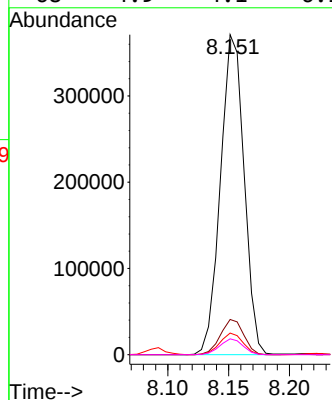
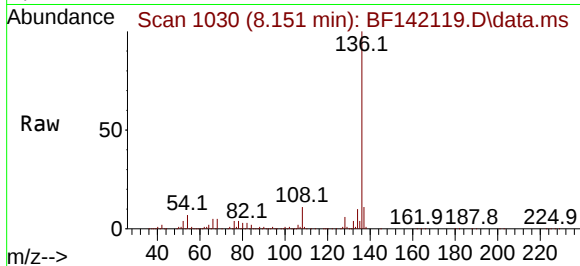


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Instrument :
BNA_F
ClientSampleId :
PB167326BS

Tgt Ion:136 Resp: 501164

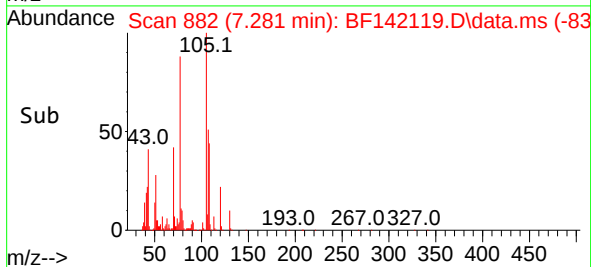
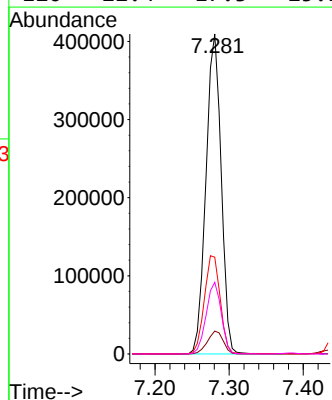
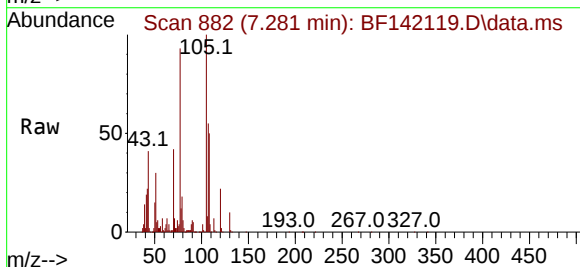
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1

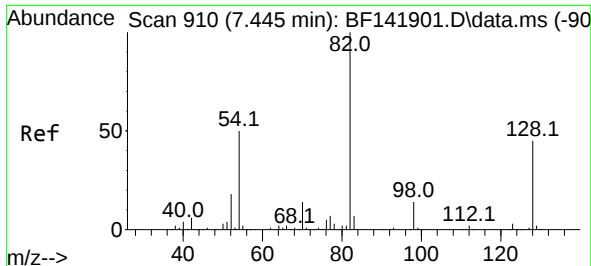


#22
Acetophenone
Concen: 48.678 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:105 Resp: 584221

Ion	Ratio	Lower	Upper
105	100		
71	7.2	5.8	8.8
51	30.2	23.4	35.0
120	22.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 97.584 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

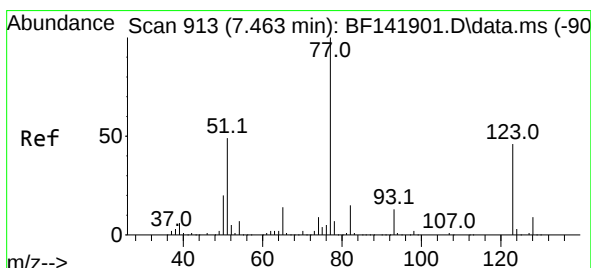
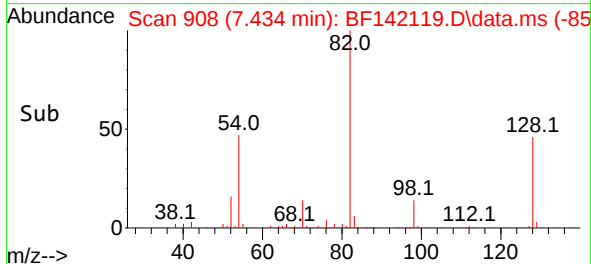
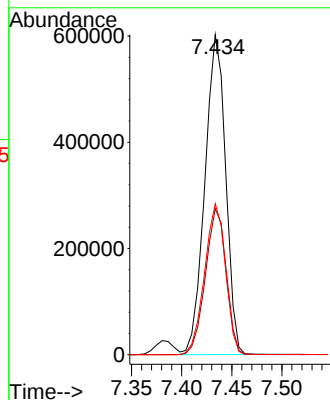
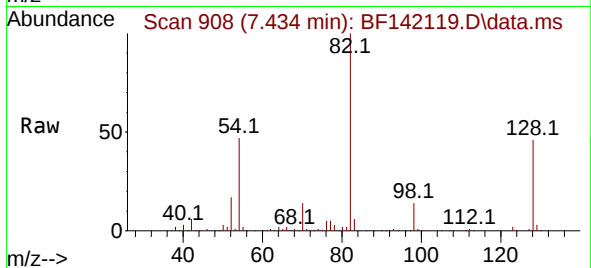
Tgt Ion: 82 Resp: 869036

Ion Ratio Lower Upper

82 100

128 45.7 36.0 54.0

54 47.2 39.6 59.4



#24

Nitrobenzene

Concen: 44.603 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

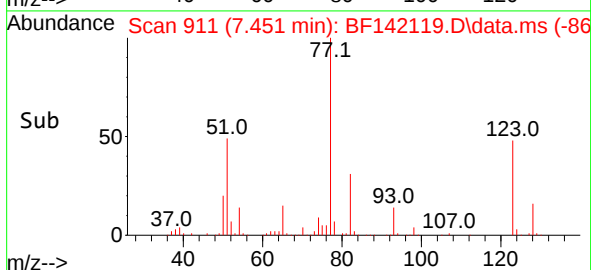
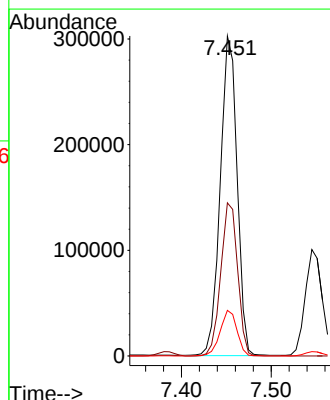
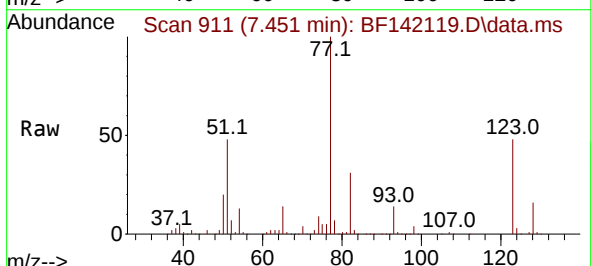
Tgt Ion: 77 Resp: 394871

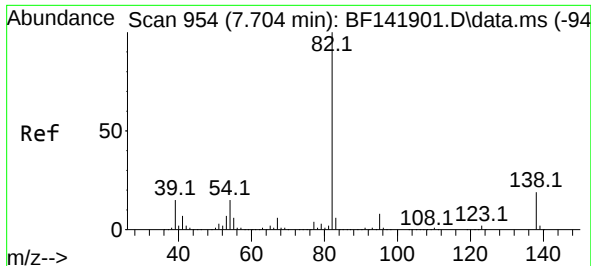
Ion Ratio Lower Upper

77 100

123 47.9 37.0 55.4

65 14.3 11.3 16.9

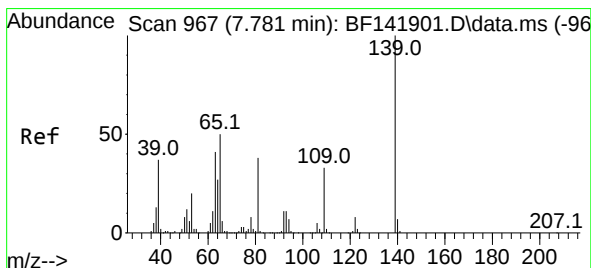
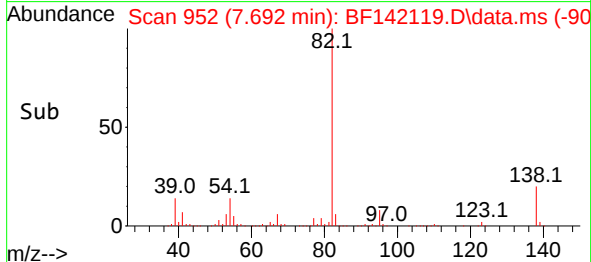
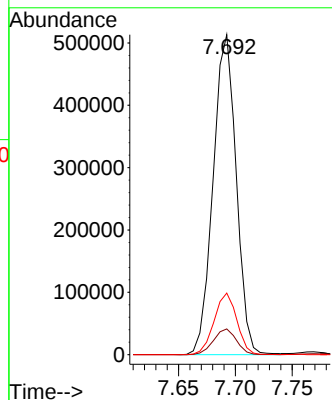
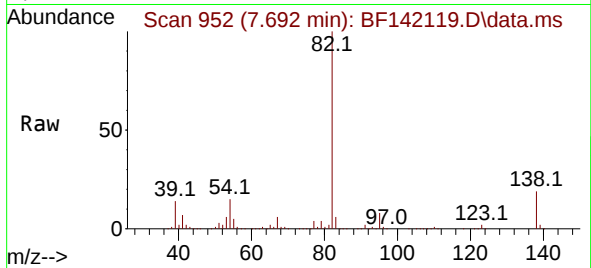




#25
Isophorone
Concen: 46.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

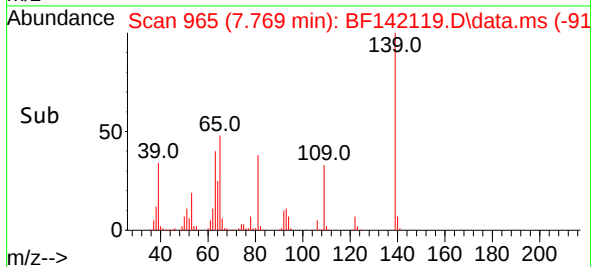
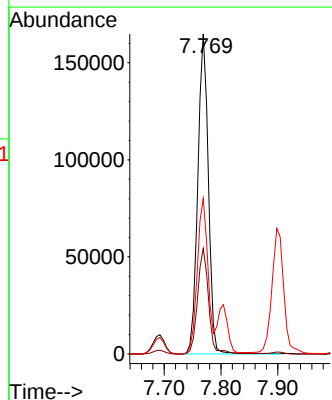
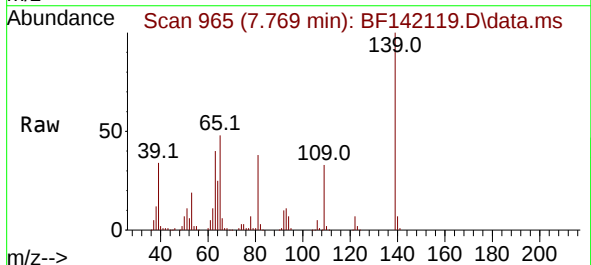
Instrument :
BNA_F
ClientSampleId :
PB167326BS

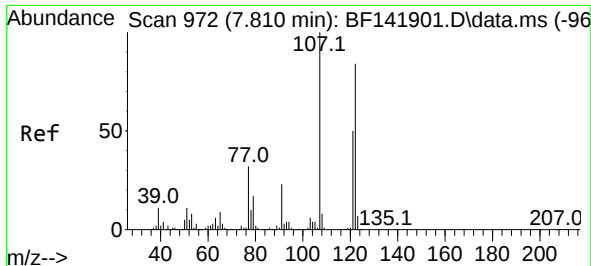
Tgt Ion: 82 Resp: 726912
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 19.3 14.9 22.3



#26
2-Nitrophenol
Concen: 49.310 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:139 Resp: 214259
Ion Ratio Lower Upper
139 100
109 32.9 26.5 39.7
65 48.5 40.3 60.5

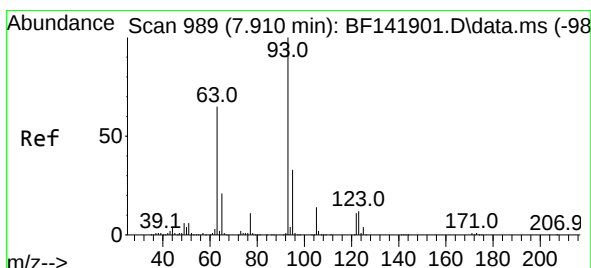
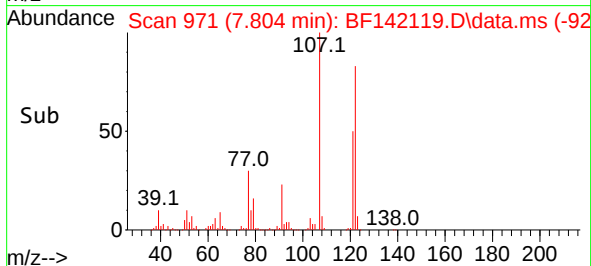
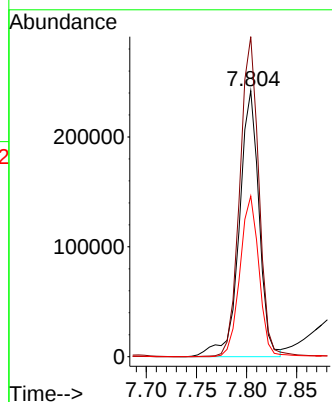
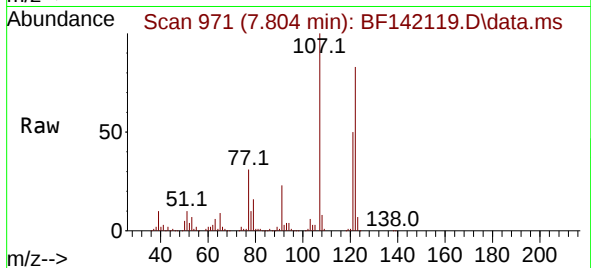




#27
2,4-Dimethylphenol
Concen: 55.626 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

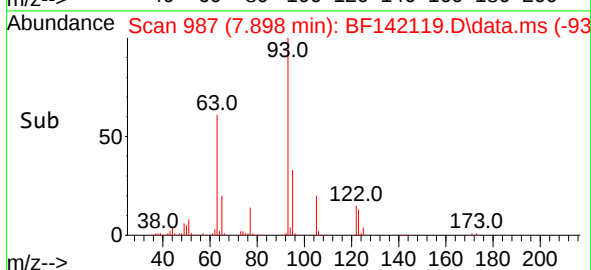
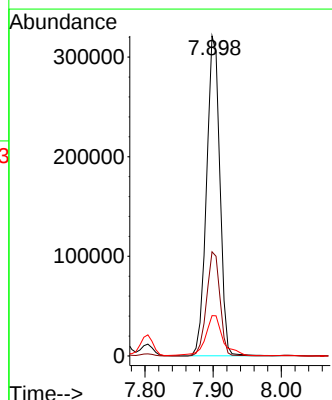
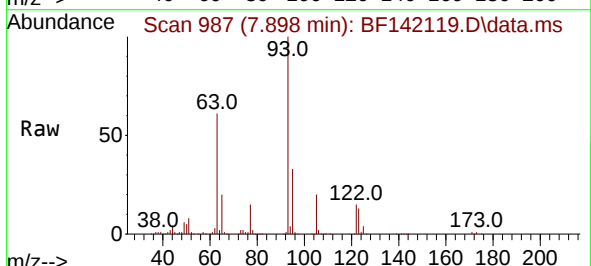
Instrument :
BNA_F
ClientSampleId :
PB167326BS

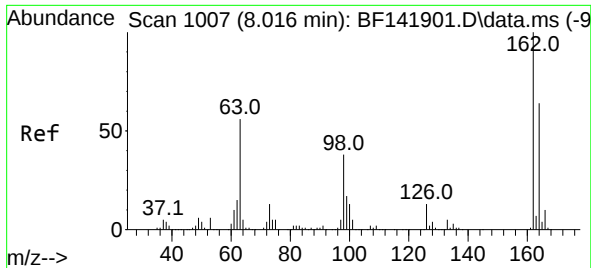
Tgt Ion:122 Resp: 332815
Ion Ratio Lower Upper
122 100
107 120.3 94.8 142.2
121 60.4 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.176 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion: 93 Resp: 436166
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.291 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

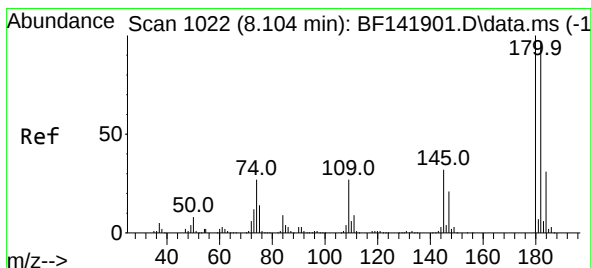
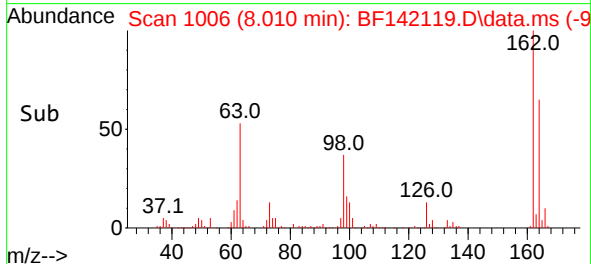
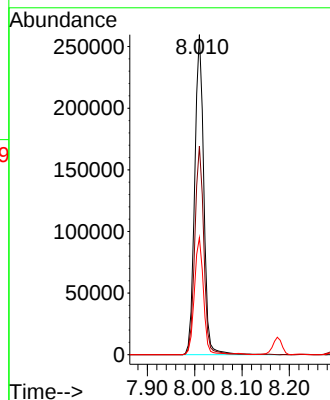
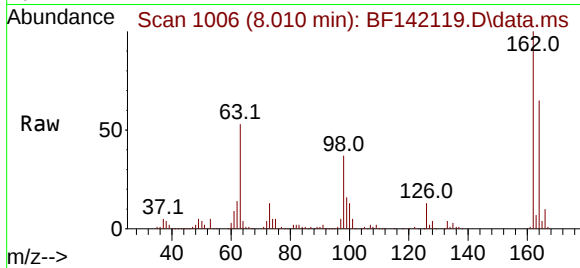
Tgt Ion:162 Resp: 343774

Ion Ratio Lower Upper

162 100

164 65.2 43.8 83.8

98 36.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.046 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

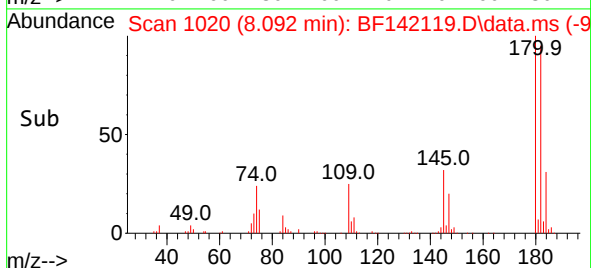
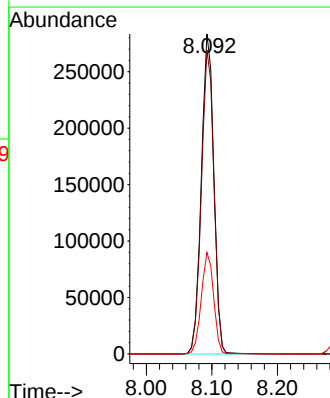
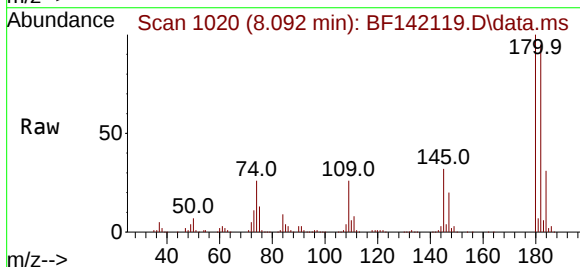
Tgt Ion:180 Resp: 376847

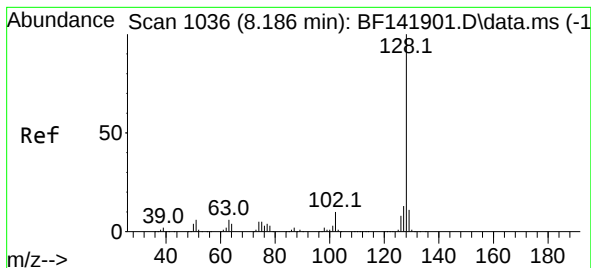
Ion Ratio Lower Upper

180 100

182 95.0 77.5 116.3

145 31.7 25.8 38.6





#31

Naphthalene

Concen: 44.327 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

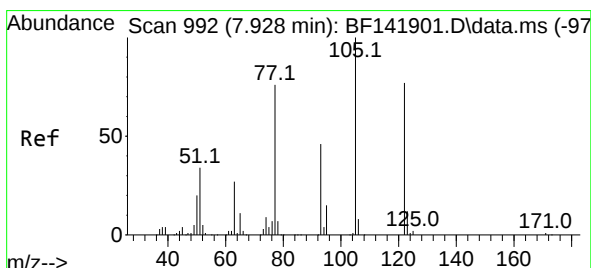
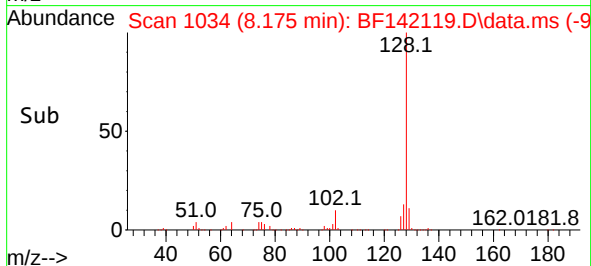
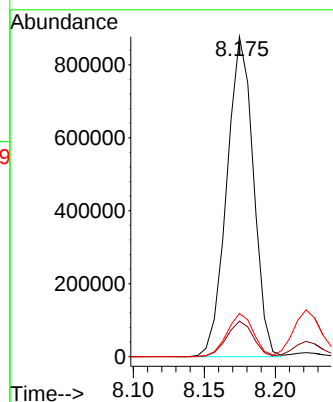
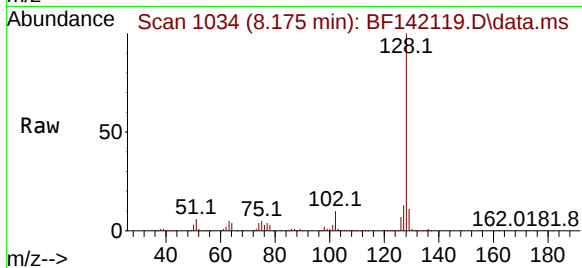
Tgt Ion:128 Resp: 1141148

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 52.150 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

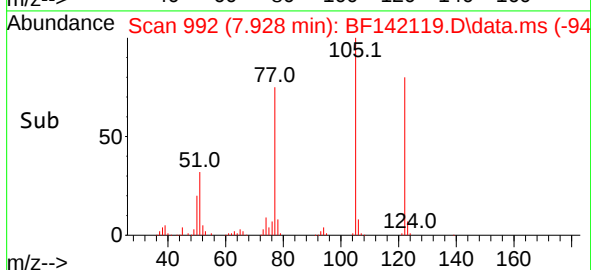
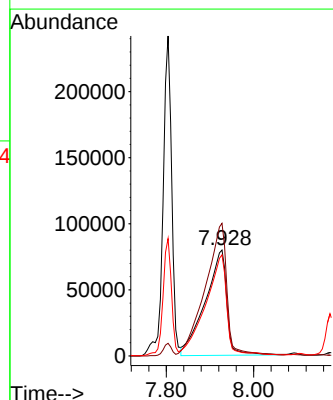
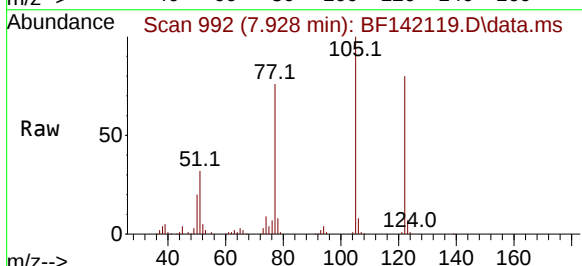
Tgt Ion:122 Resp: 274273

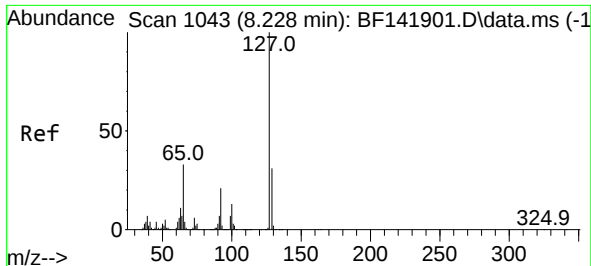
Ion Ratio Lower Upper

122 100

105 125.1 107.9 147.9

77 95.3 79.0 119.0

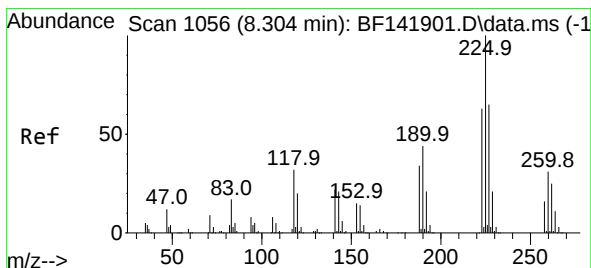
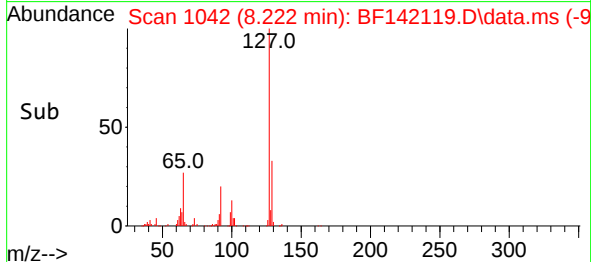
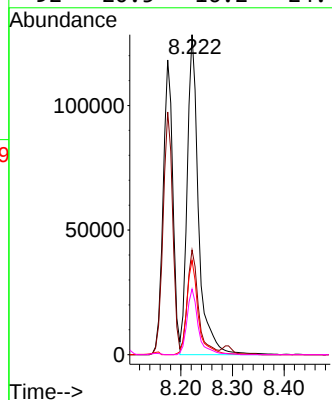
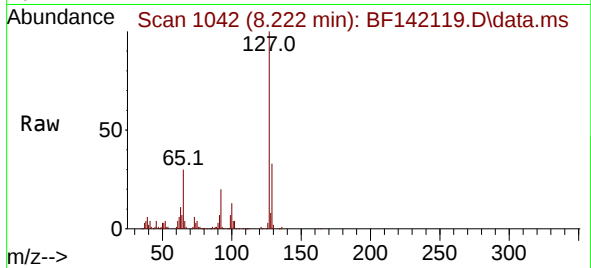




#33
4-Chloroaniline
Concen: 21.601 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

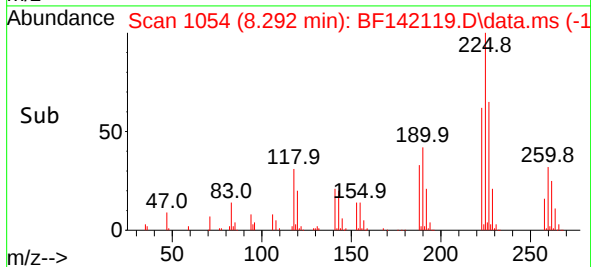
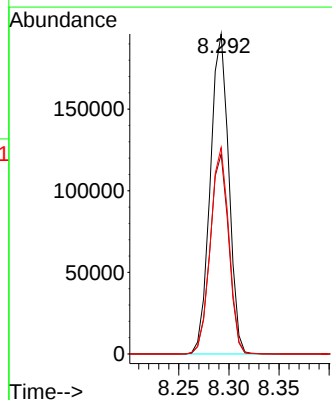
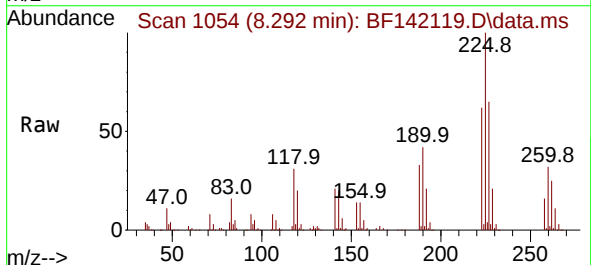
Instrument :
BNA_F
ClientSampleId :
PB167326BS

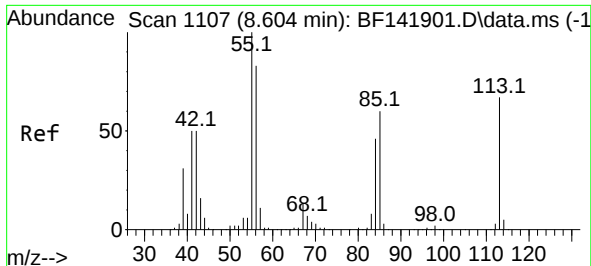
Tgt Ion:	127	Resp:	196309
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	29.5	25.4	38.2
92	20.5	16.2	24.4



#34
Hexachlorobutadiene
Concen: 47.180 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:	225	Resp:	251812
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	64.5	52.2	78.2

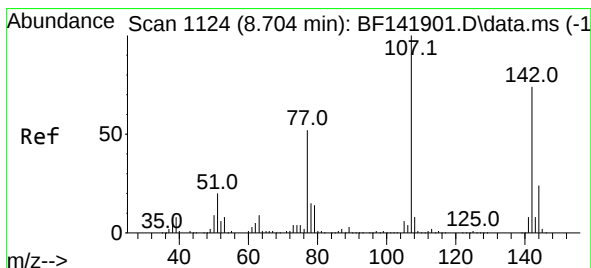
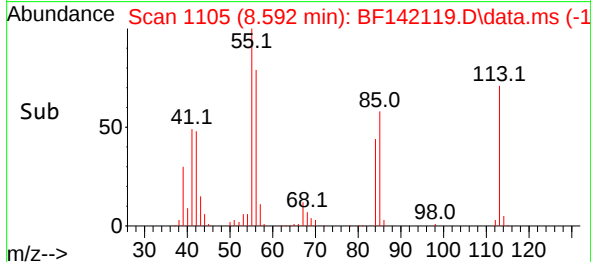
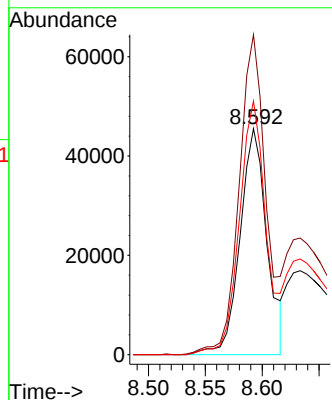
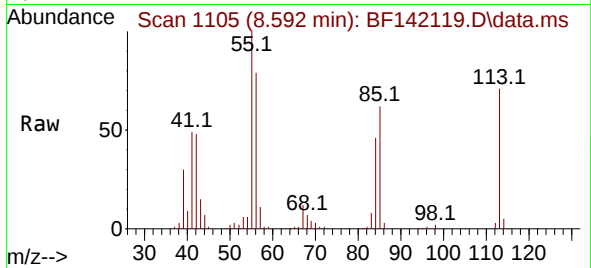




#35
 Caprolactam
 Concen: 32.973 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

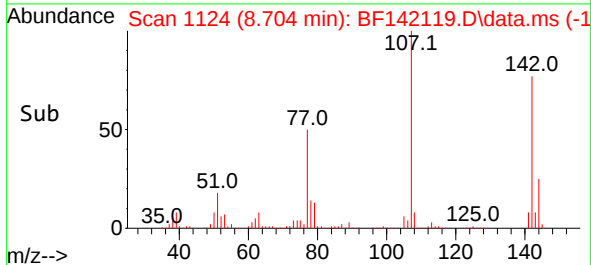
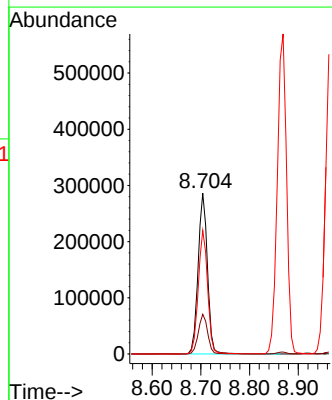
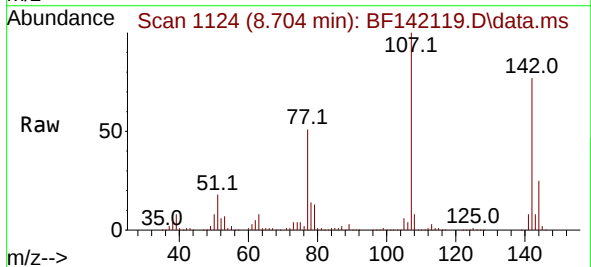
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

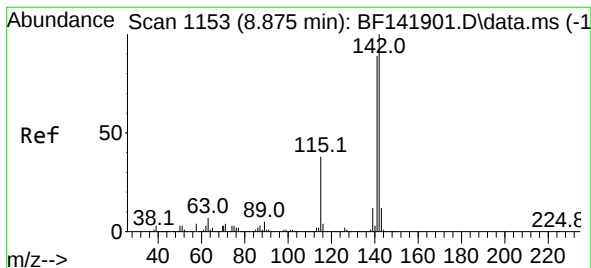
Tgt Ion:113 Resp: 74655
 Ion Ratio Lower Upper
 113 100
 55 141.5 129.6 169.6
 56 112.1 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 46.467 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Tgt Ion:107 Resp: 384941
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.0 28.6
 142 76.8 59.2 88.8

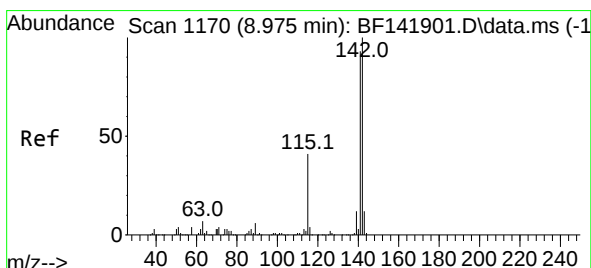
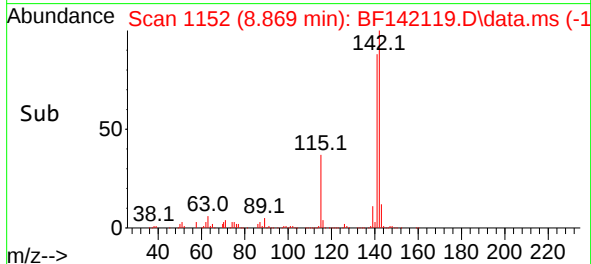
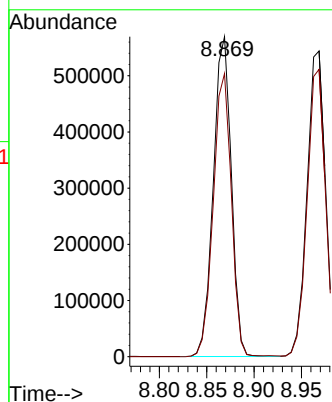
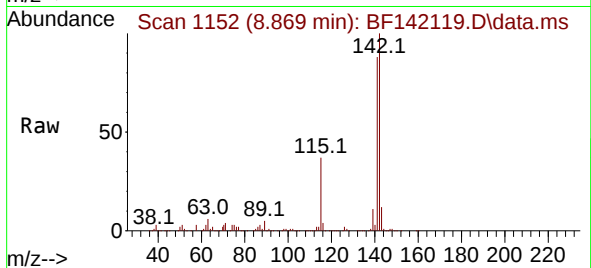




#37
2-Methylnaphthalene
Concen: 43.688 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

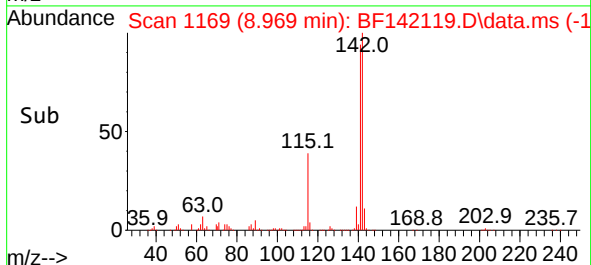
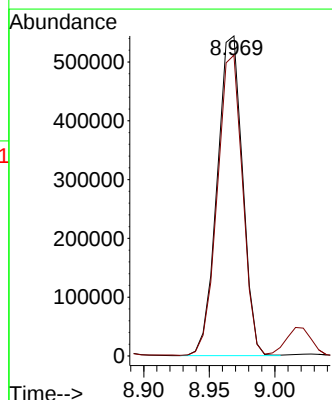
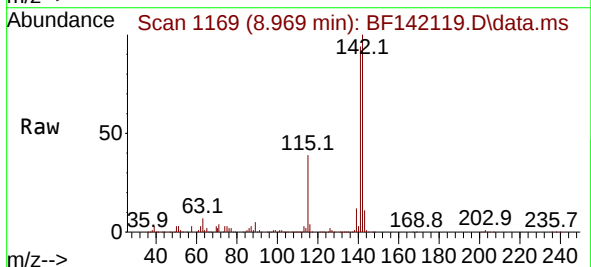
Instrument :
BNA_F
ClientSampleId :
PB167326BS

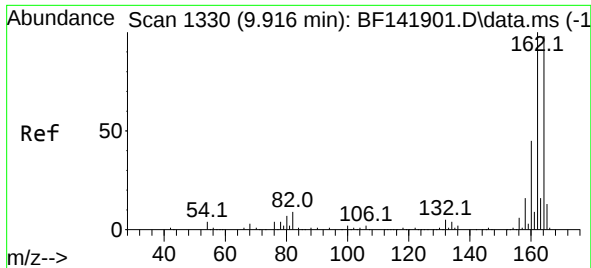
Tgt Ion:142 Resp: 751758
Ion Ratio Lower Upper
142 100
141 88.4 71.2 106.8



#38
1-Methylnaphthalene
Concen: 44.040 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:142 Resp: 731284
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.4

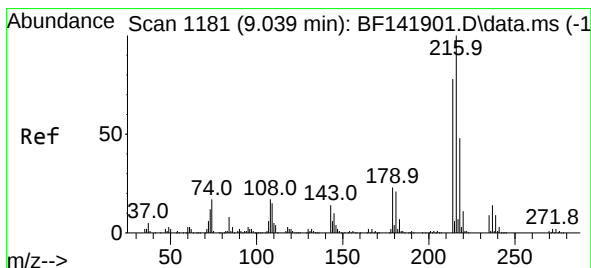
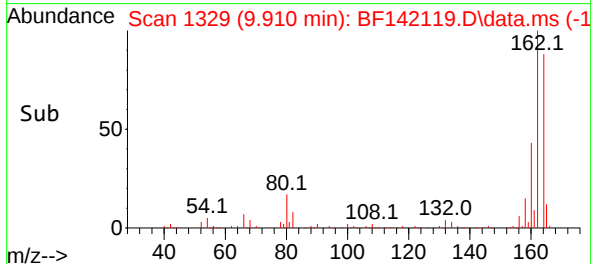
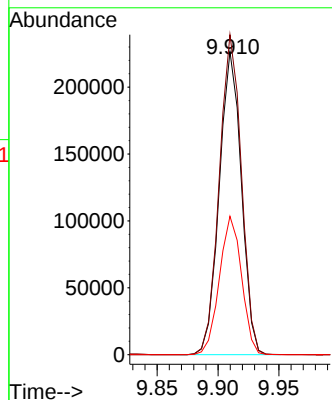
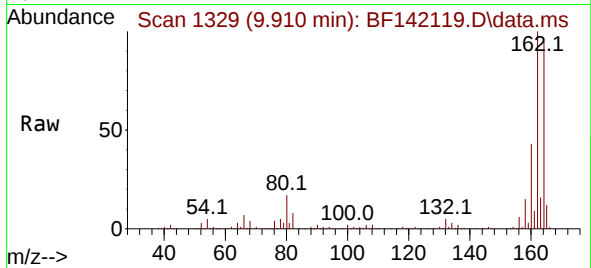




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

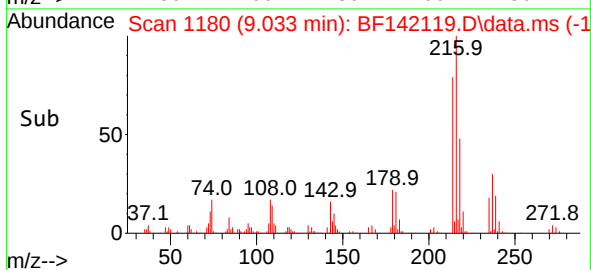
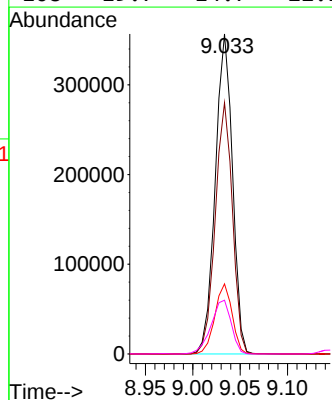
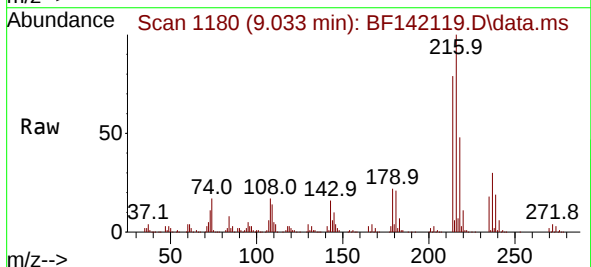
Instrument :
BNA_F
ClientSampleId :
PB167326BS

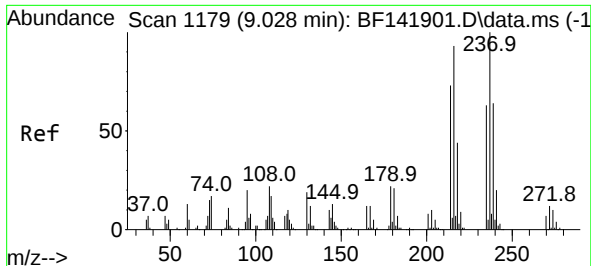
Tgt Ion:164 Resp: 285808
Ion Ratio Lower Upper
164 100
162 105.5 81.8 122.6
160 45.6 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.010 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:216 Resp: 452579
Ion Ratio Lower Upper
216 100
214 78.3 61.9 92.9
179 22.0 18.1 27.1
108 19.7 14.7 22.1

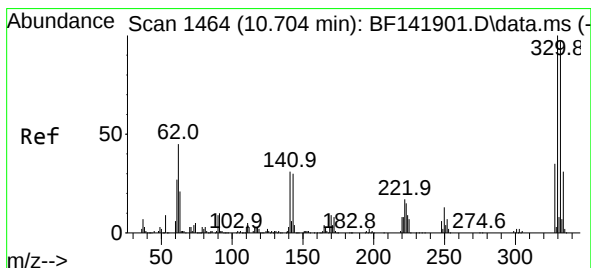
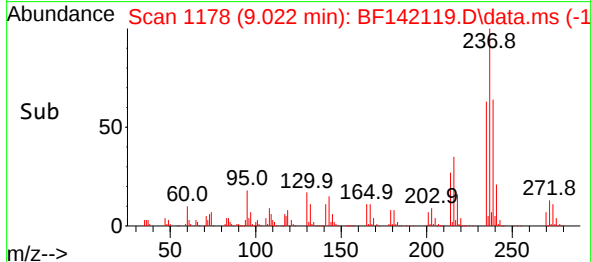
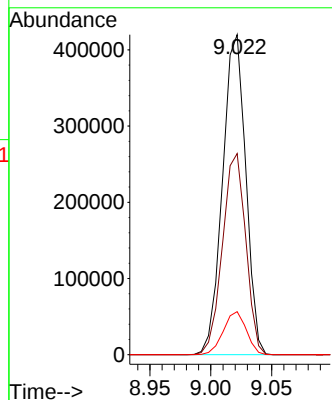
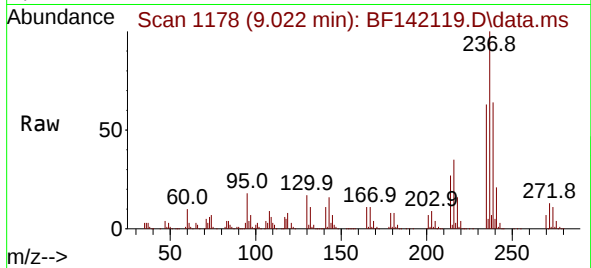




#41
Hexachlorocyclopentadiene
Concen: 163.714 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

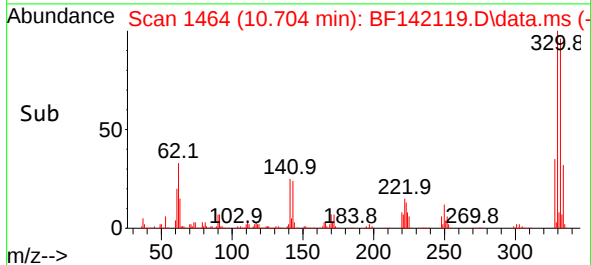
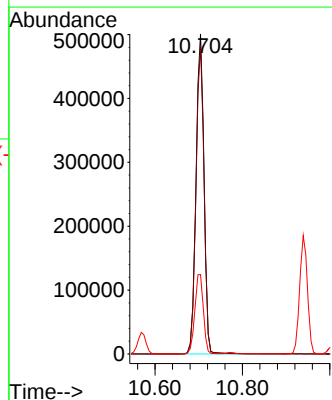
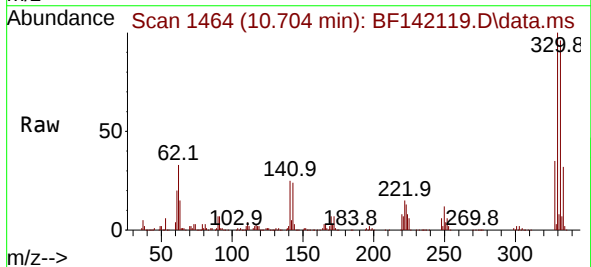
Instrument :
BNA_F
ClientSampleId :
PB167326BS

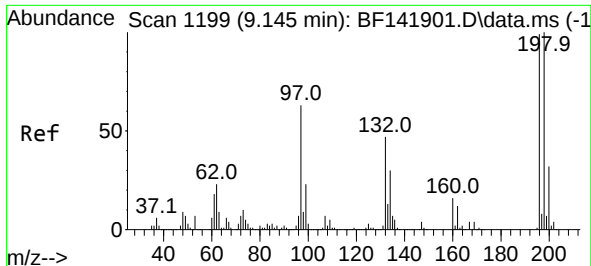
Tgt Ion:237 Resp: 557528
Ion Ratio Lower Upper
237 100
235 62.8 43.1 83.1
272 13.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 176.167 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:330 Resp: 638754
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 26.5 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 47.551 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

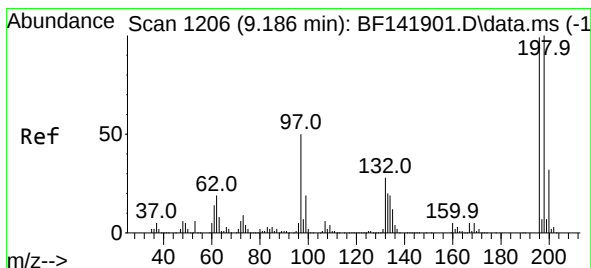
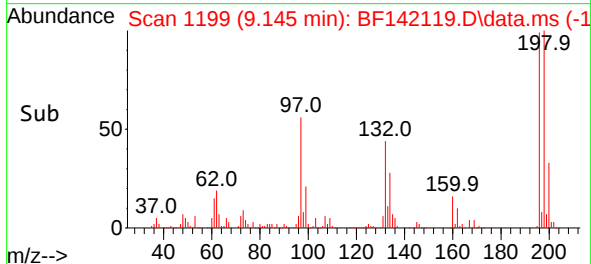
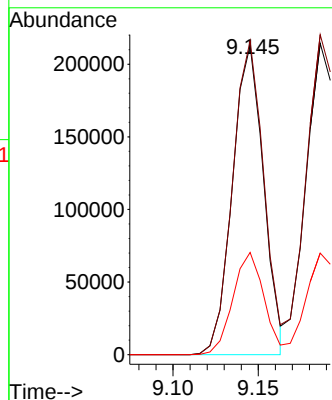
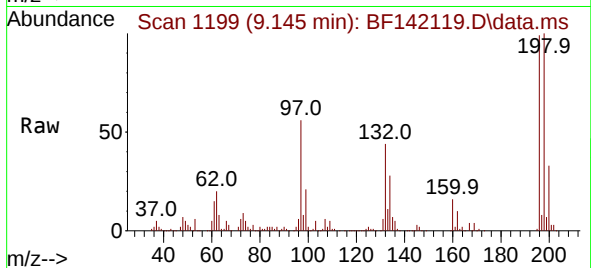
Tgt Ion:196 Resp: 270416

Ion Ratio Lower Upper

196 100

198 101.4 80.6 121.0

200 33.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 50.092 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Tgt Ion:196 Resp: 288518

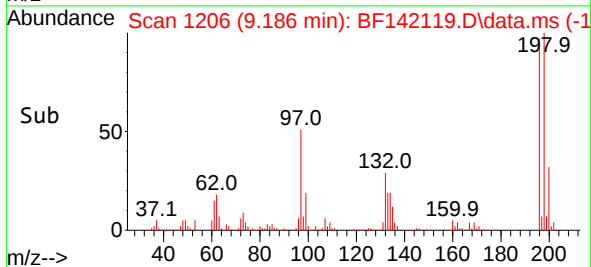
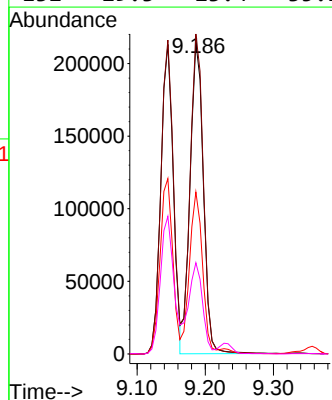
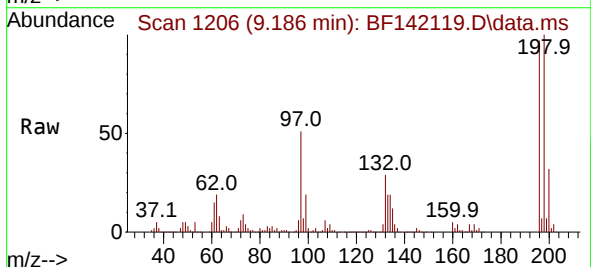
Ion Ratio Lower Upper

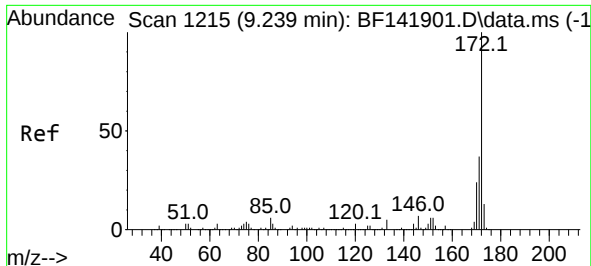
196 100

198 102.8 80.7 121.1

97 52.0 42.1 63.1

132 29.3 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 100.962 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

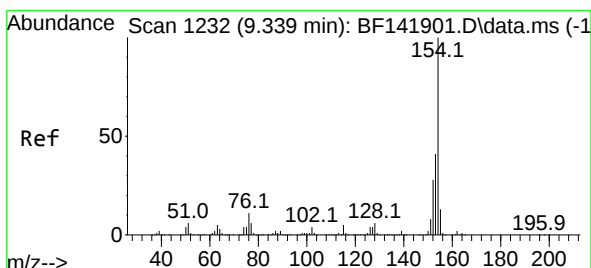
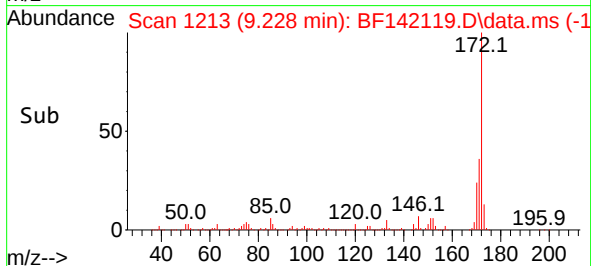
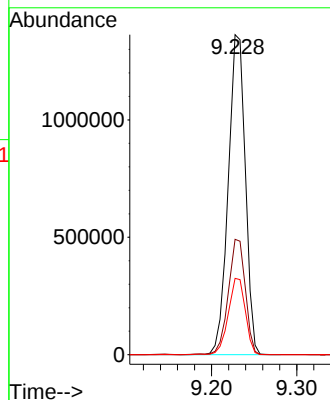
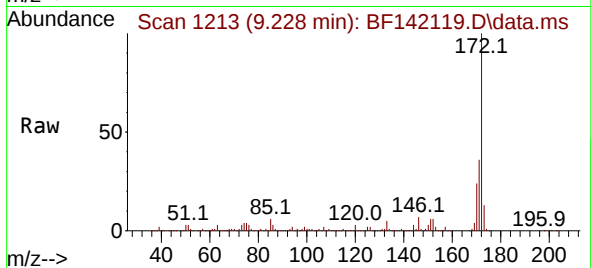
Tgt Ion:172 Resp: 1897399

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.8 19.4 29.0



#46

1,1'-Biphenyl

Concen: 51.107 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

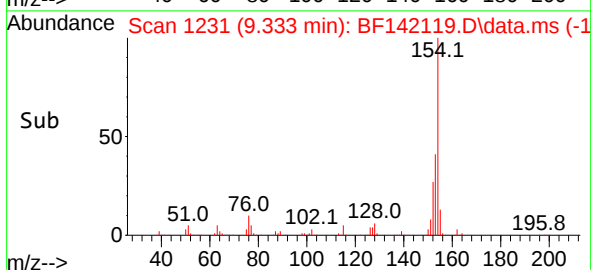
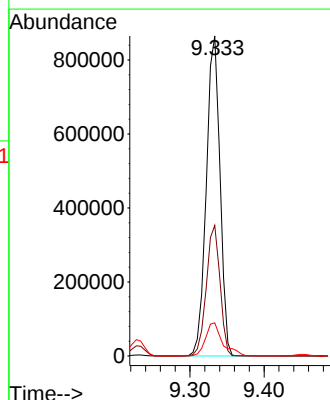
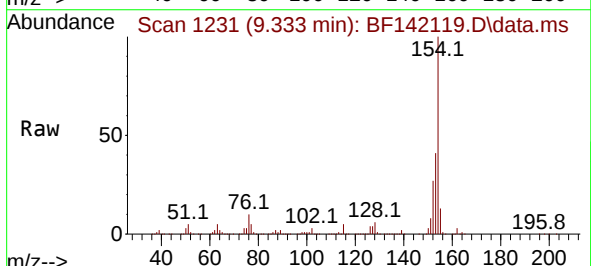
Tgt Ion:154 Resp: 1109852

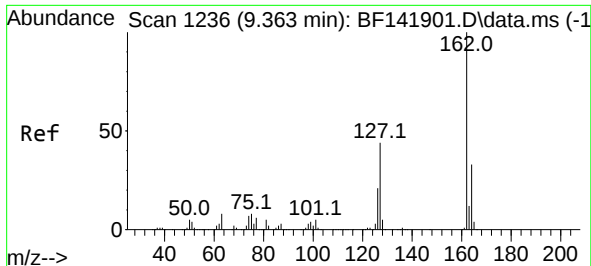
Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

76 10.4 0.0 31.3





#47

2-Chloronaphthalene

Concen: 47.573 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

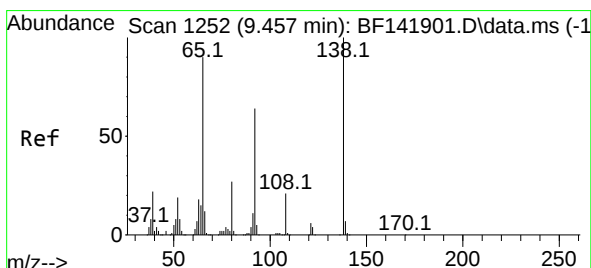
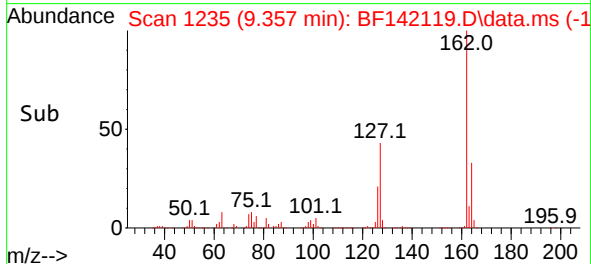
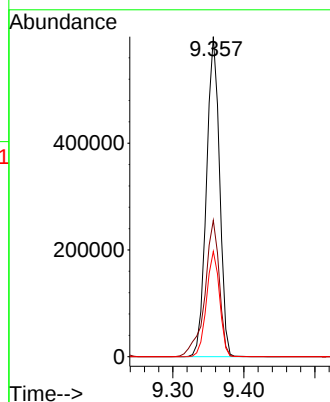
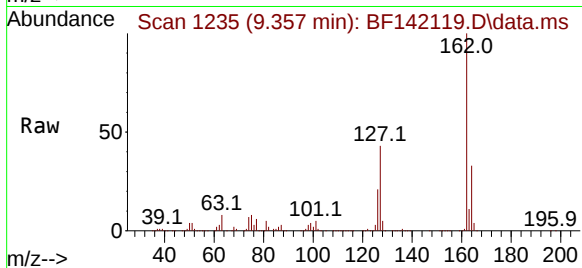
Tgt Ion:162 Resp: 770015

Ion Ratio Lower Upper

162 100

127 42.6 35.5 53.3

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 47.696 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

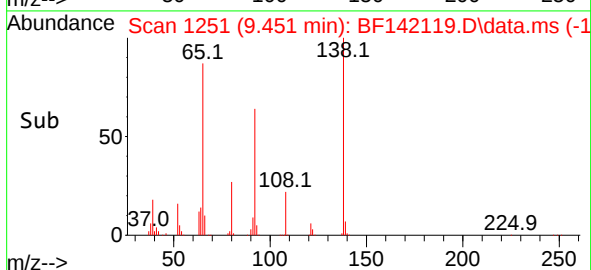
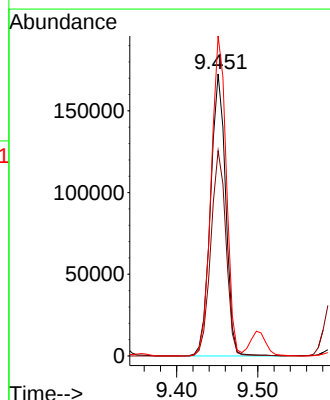
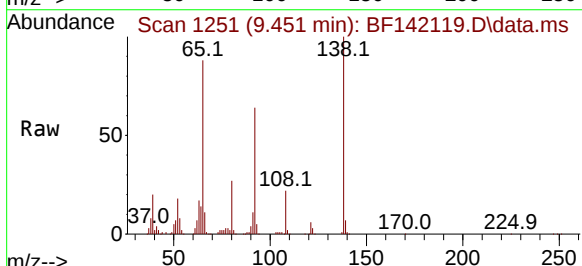
Tgt Ion: 65 Resp: 223530

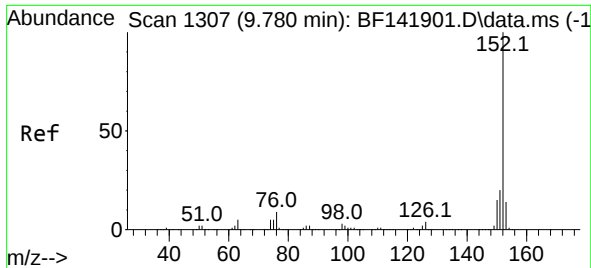
Ion Ratio Lower Upper

65 100

92 72.8 56.6 84.8

138 113.5 88.6 133.0

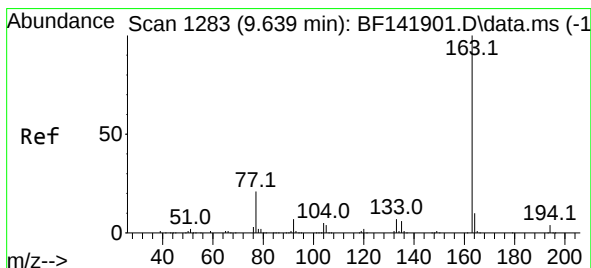
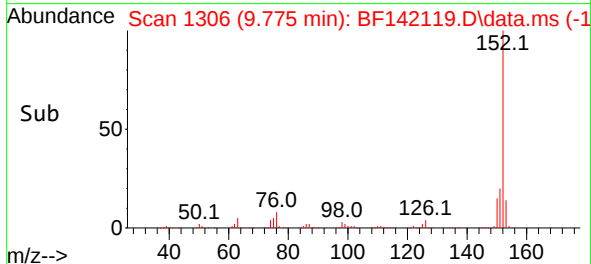
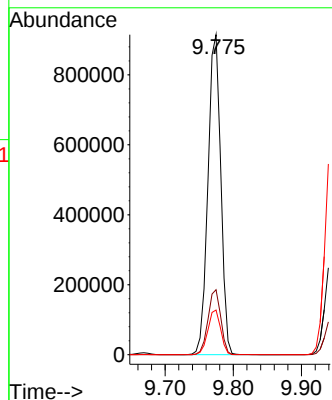
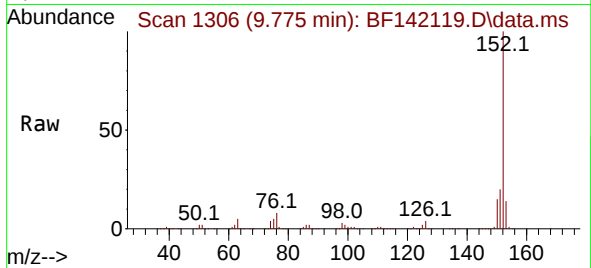




#49
Acenaphthylene
Concen: 49.706 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

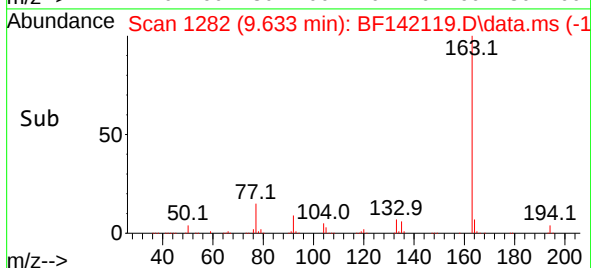
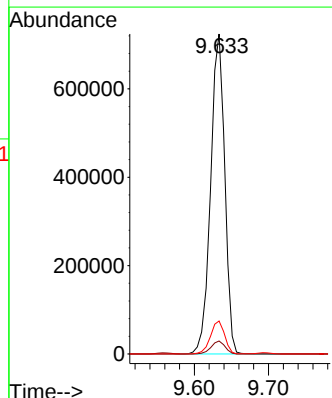
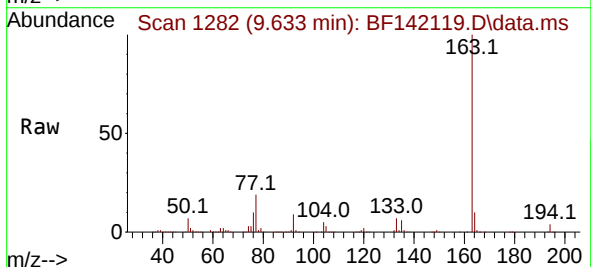
Instrument :
BNA_F
ClientSampleId :
PB167326BS

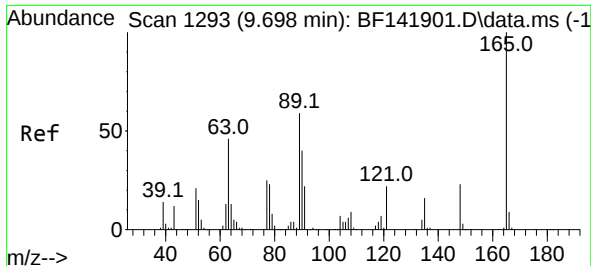
Tgt Ion:152 Resp: 1193906
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 11.1 16.7



#50
Dimethylphthalate
Concen: 47.831 ng
RT: 9.633 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:163 Resp: 957304
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.4

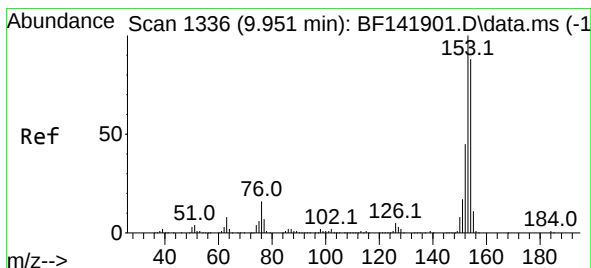
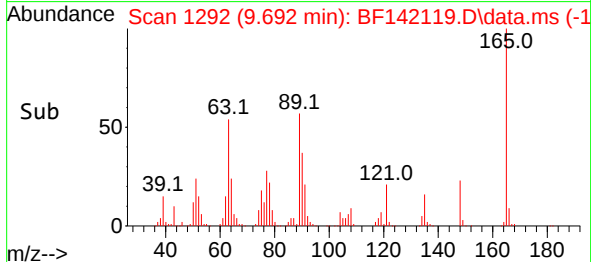
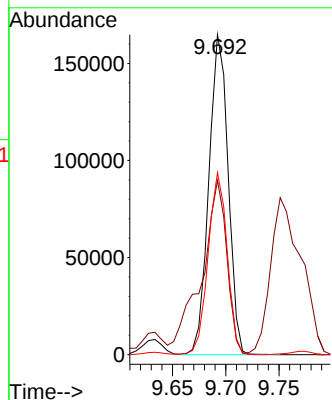
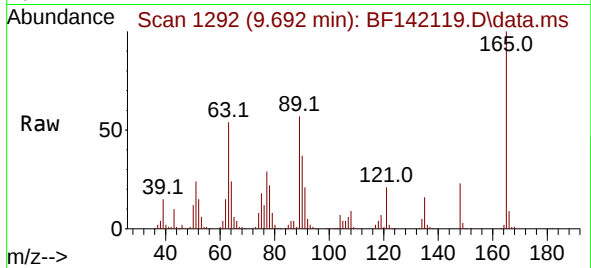




#51
2,6-Dinitrotoluene
Concen: 49.942 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

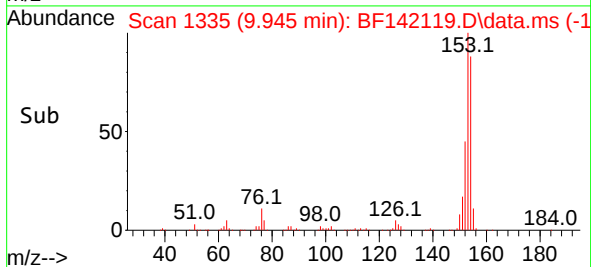
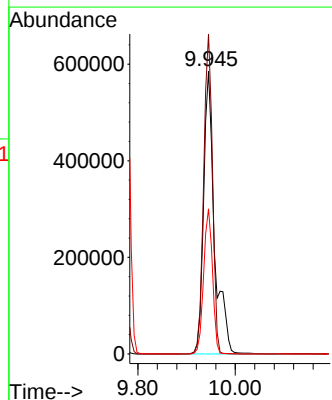
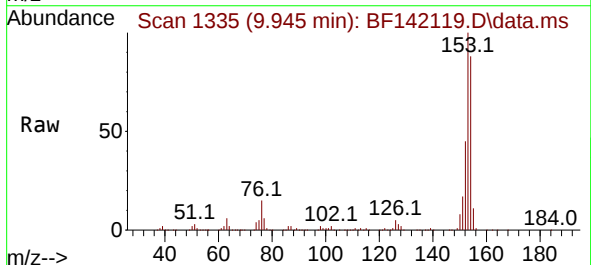
Instrument :
BNA_F
ClientSampleId :
PB167326BS

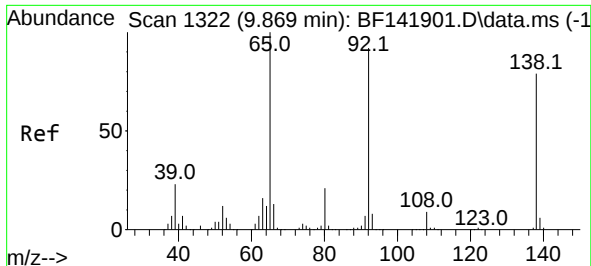
Tgt Ion:165 Resp: 208116
Ion Ratio Lower Upper
165 100
63 54.5 47.0 70.4
89 56.9 47.4 71.2



#52
Acenaphthene
Concen: 54.091 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:154 Resp: 913046
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 51.4 41.1 61.7

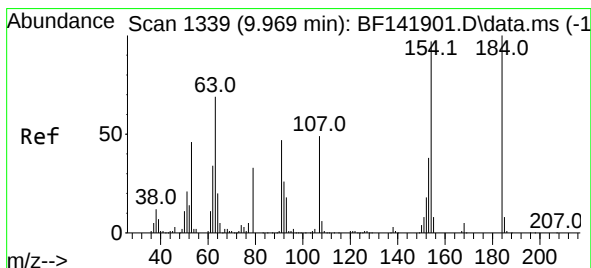
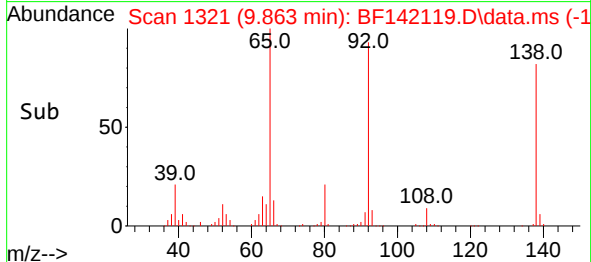
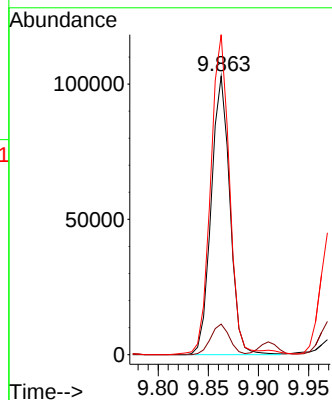
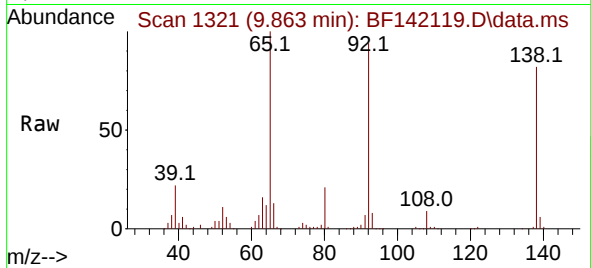




#53
3-Nitroaniline
Concen: 31.508 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

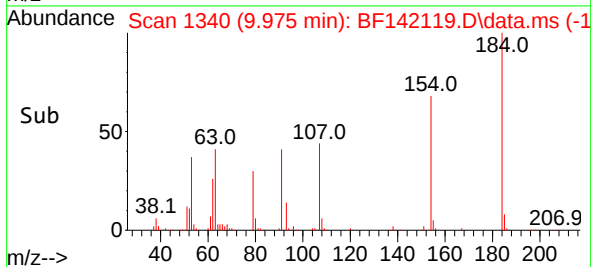
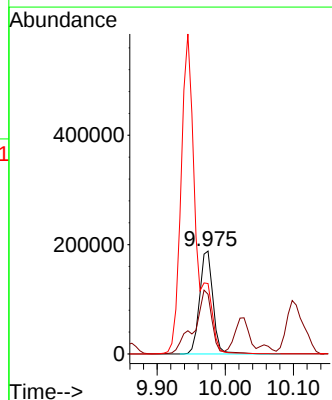
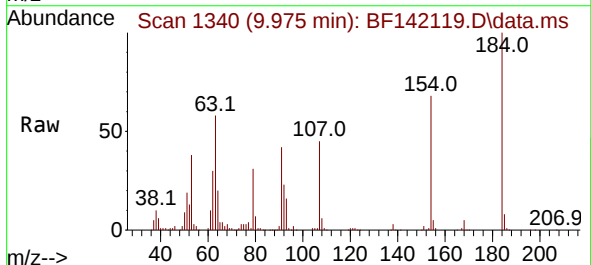
Instrument :
BNA_F
ClientSampleId :
PB167326BS

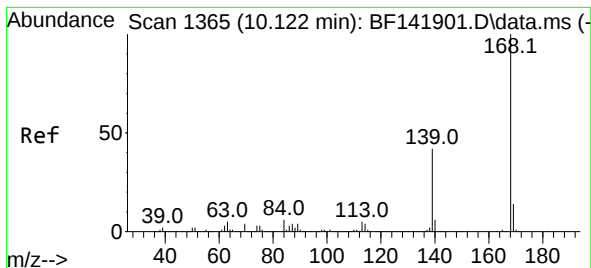
Tgt Ion:138 Resp: 133185
Ion Ratio Lower Upper
138 100
108 11.0 9.3 13.9
92 115.0 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 106.313 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:184 Resp: 257293
Ion Ratio Lower Upper
184 100
63 58.0 60.2 90.4#
154 68.4 132.9 199.3#





#55

Dibenzofuran

Concen: 45.809 ng

RT: 10.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

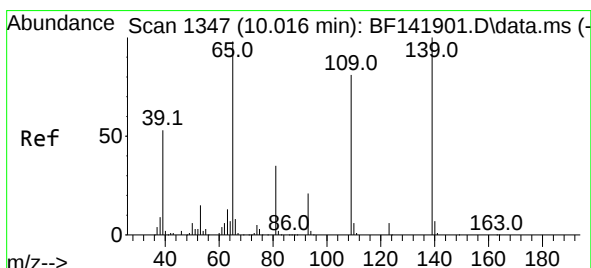
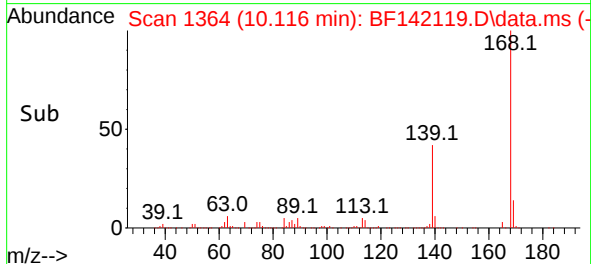
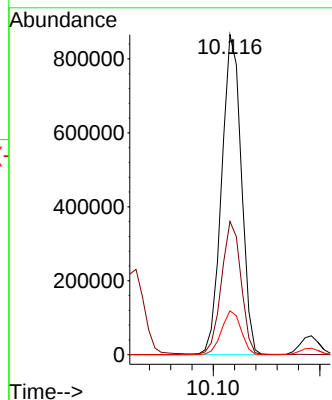
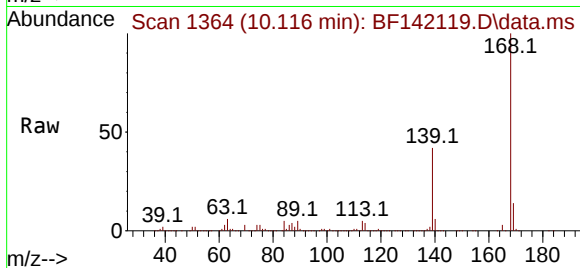
Tgt Ion:168 Resp: 1104870

Ion Ratio Lower Upper

168 100

139 41.7 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 104.814 ng

RT: 10.027 min Scan# 1349

Delta R.T. 0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

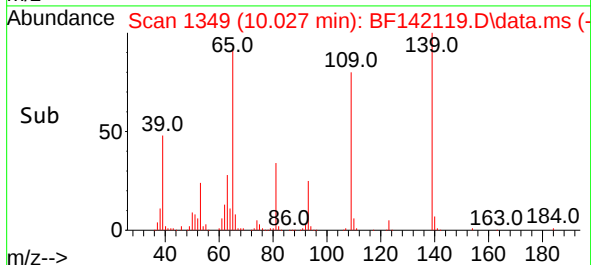
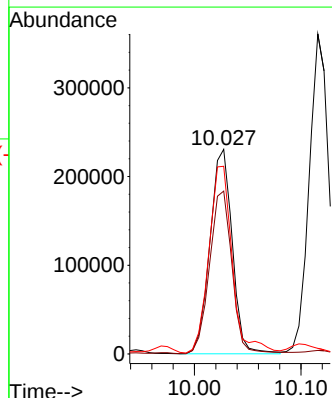
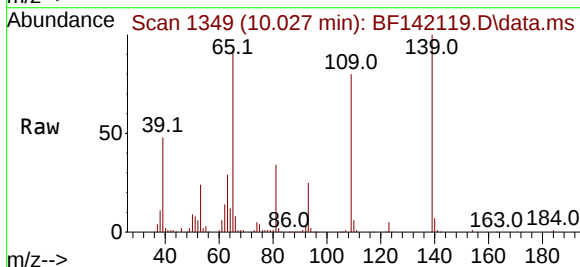
Tgt Ion:139 Resp: 334122

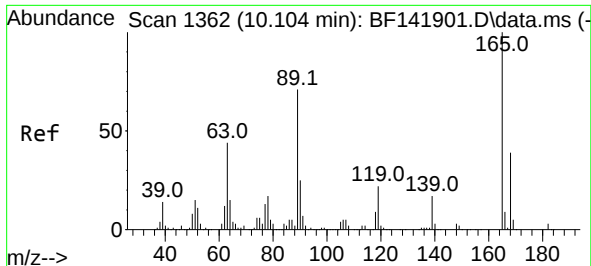
Ion Ratio Lower Upper

139 100

109 79.6 61.6 101.6

65 91.7 79.4 119.4

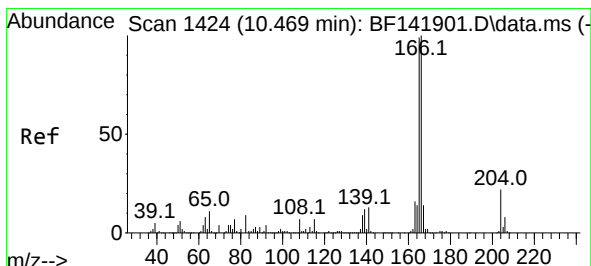
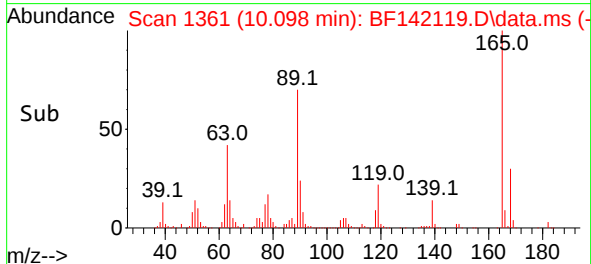
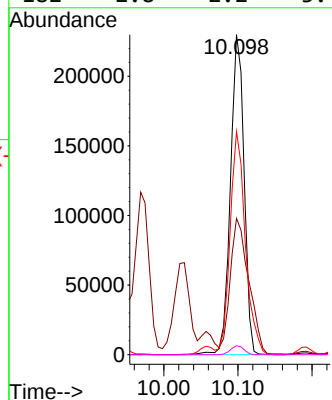
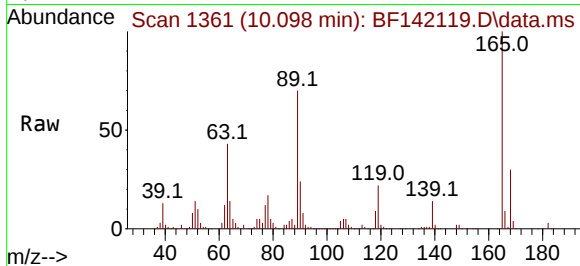




#57
2,4-Dinitrotoluene
Concen: 53.834 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

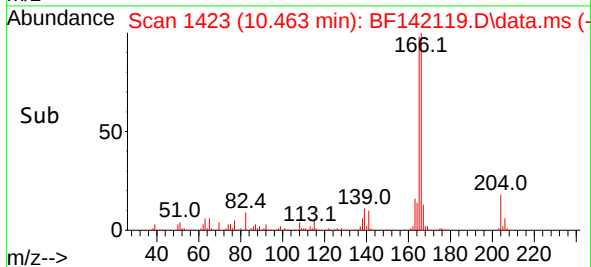
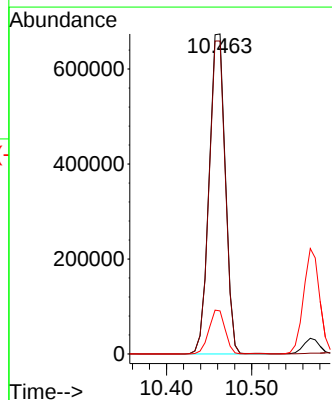
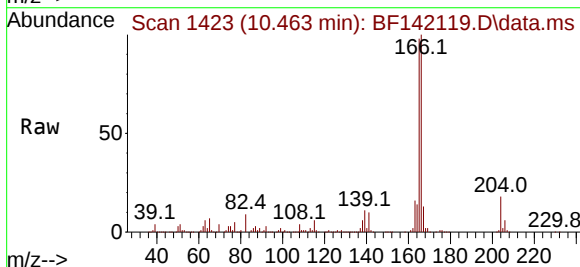
Instrument :
BNA_F
ClientSampleId :
PB167326BS

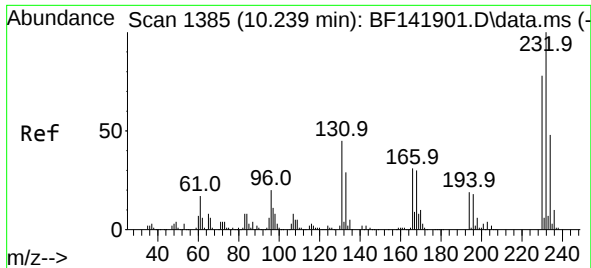
Tgt Ion:165 Resp: 293007
Ion Ratio Lower Upper
165 100
63 42.6 35.4 53.2
89 69.7 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 47.842 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:166 Resp: 889864
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.4 11.0 16.4

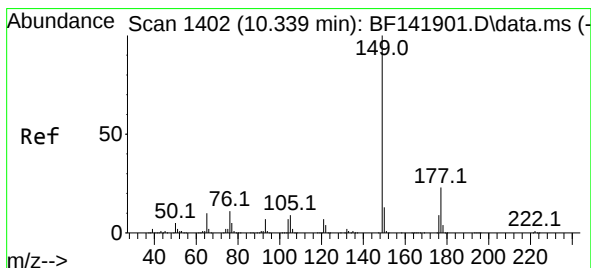
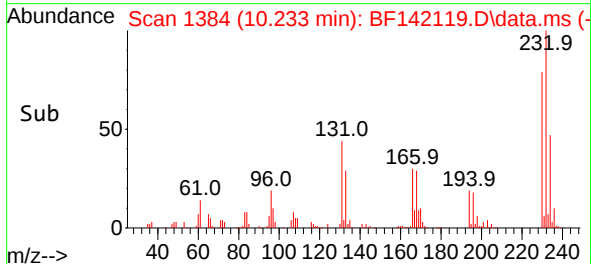
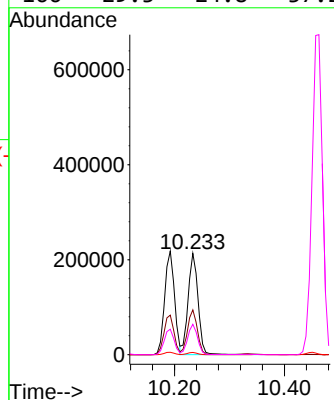
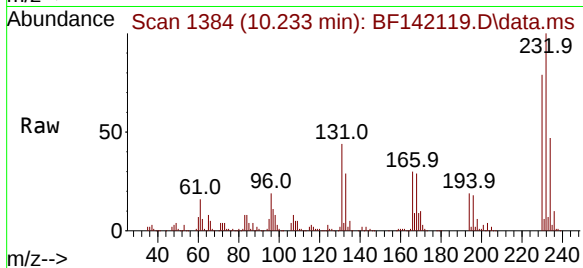




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.115 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

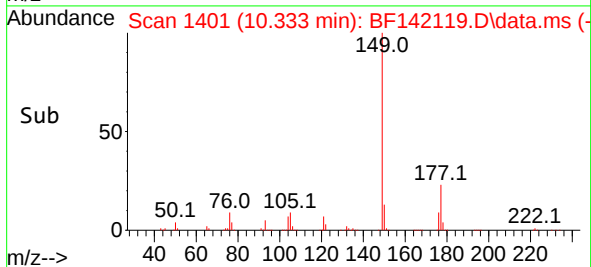
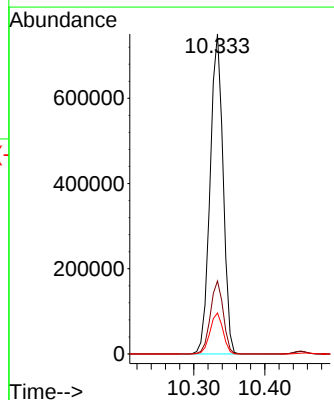
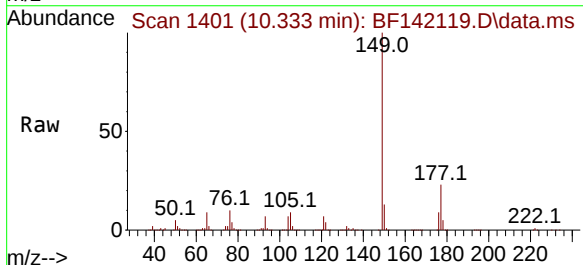
Instrument :
BNA_F
ClientSampleId :
PB167326BS

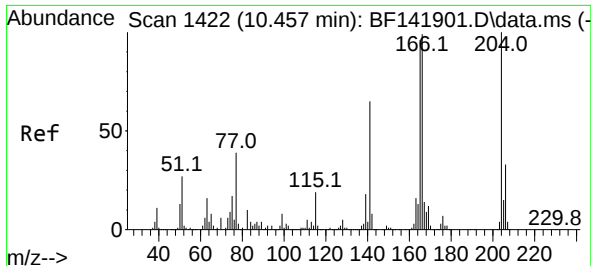
Tgt Ion:232 Resp: 267899
Ion Ratio Lower Upper
232 100
131 43.8 37.3 55.9
130 2.2 1.9 2.9
166 29.3 24.8 37.2



#60
Diethylphthalate
Concen: 47.760 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:149 Resp: 953151
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.8 10.2 15.4

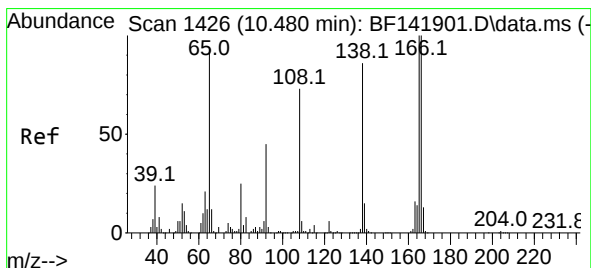
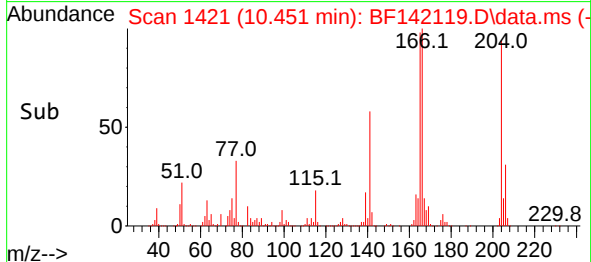
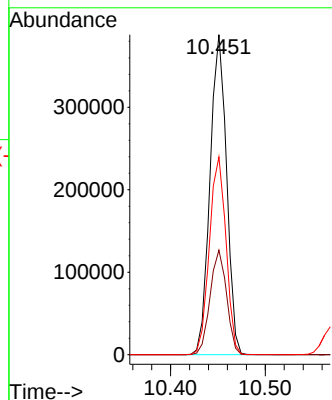
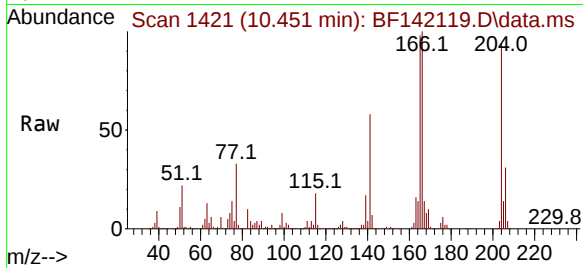




#61
4-Chlorophenyl-phenylether
Concen: 48.363 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

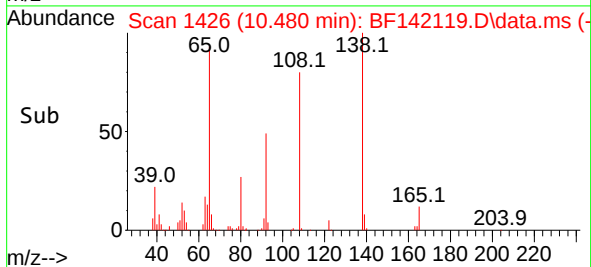
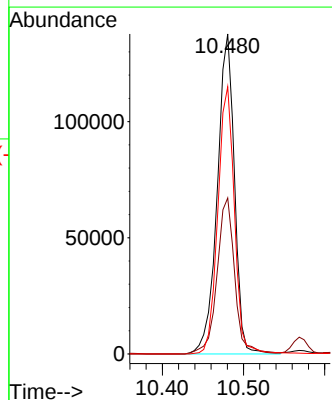
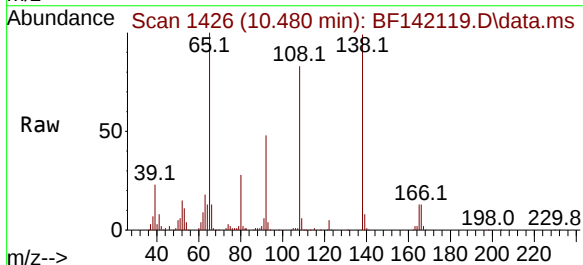
Instrument :
BNA_F
ClientSampleId :
PB167326BS

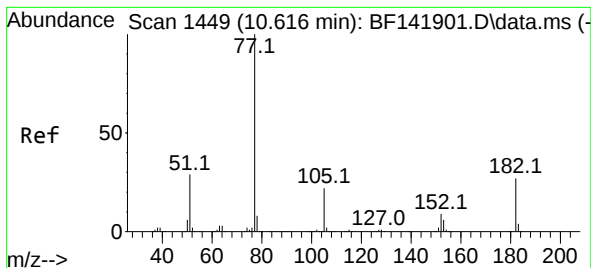
Tgt Ion:204 Resp: 468988
Ion Ratio Lower Upper
204 100
206 32.6 26.8 40.2
141 61.8 52.4 78.6



#62
4-Nitroaniline
Concen: 49.474 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:138 Resp: 203602
Ion Ratio Lower Upper
138 100
92 48.7 32.6 72.6
108 83.5 65.0 105.0





#63

Azobenzene

Concen: 44.915 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

Tgt Ion: 77 Resp: 833355

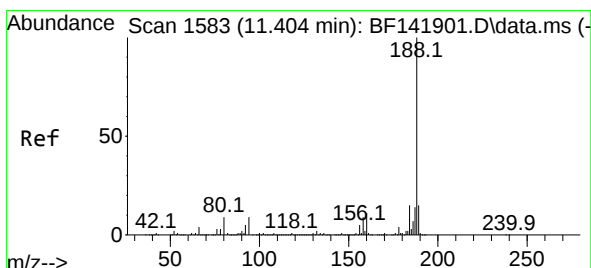
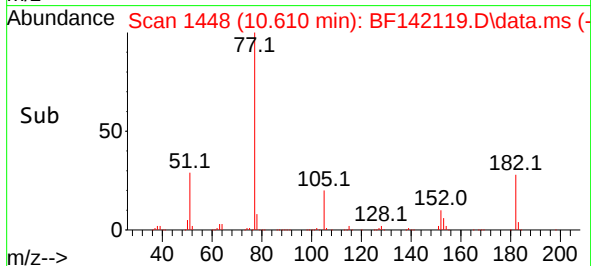
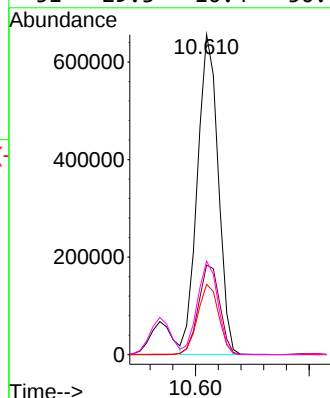
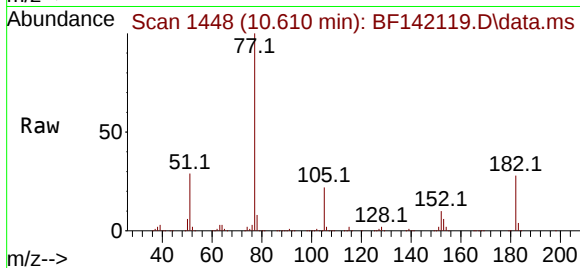
Ion Ratio Lower Upper

77 100

182 28.0 6.6 46.6

105 22.0 1.3 41.3

51 29.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

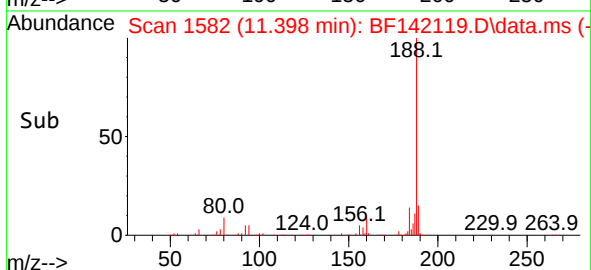
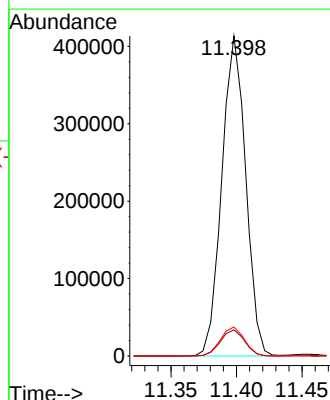
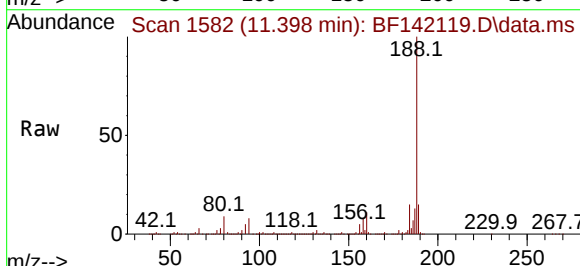
Tgt Ion: 188 Resp: 523441

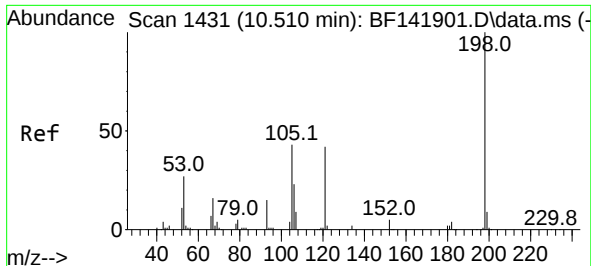
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 9.1 7.6 11.4

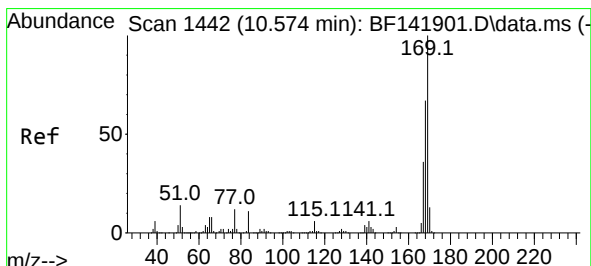
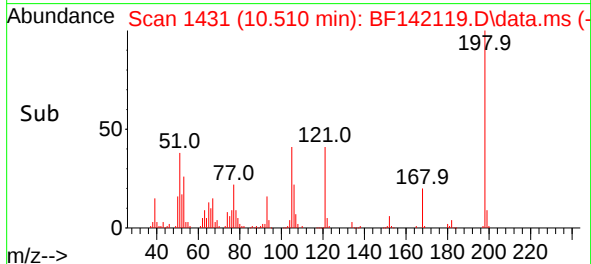
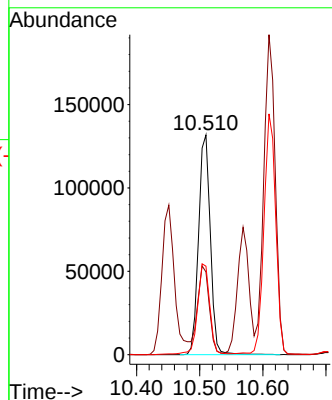
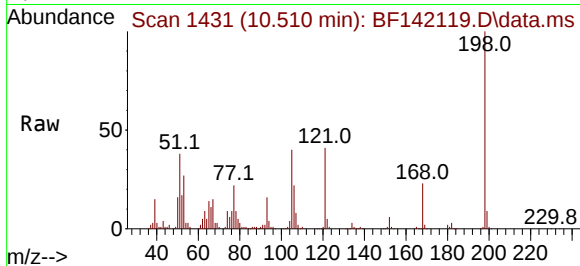




#65
4,6-Dinitro-2-methylphenol
Concen: 54.429 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

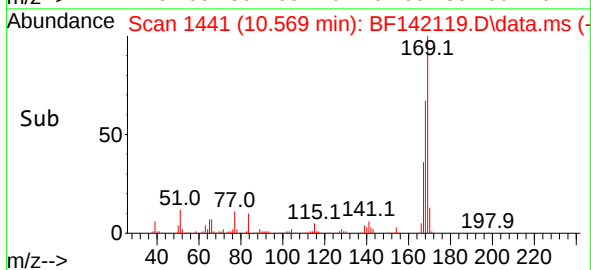
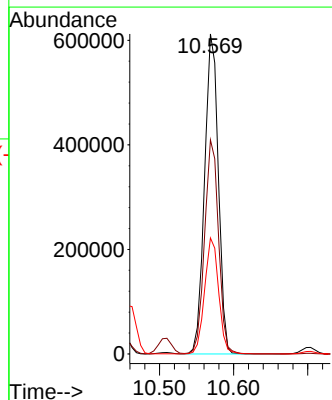
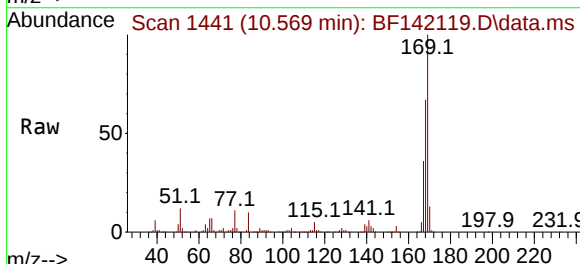
Instrument :
BNA_F
ClientSampleId :
PB167326BS

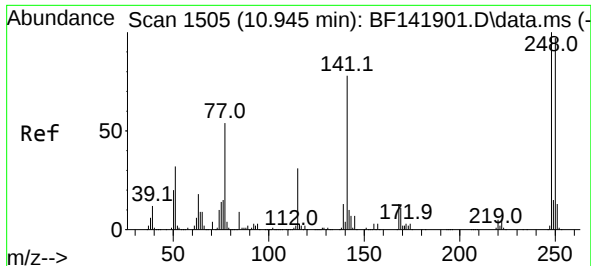
Tgt Ion:198 Resp: 169843
Ion Ratio Lower Upper
198 100
51 37.7 22.3 62.3
105 40.3 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 46.668 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:169 Resp: 790493
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.3 29.2 43.8

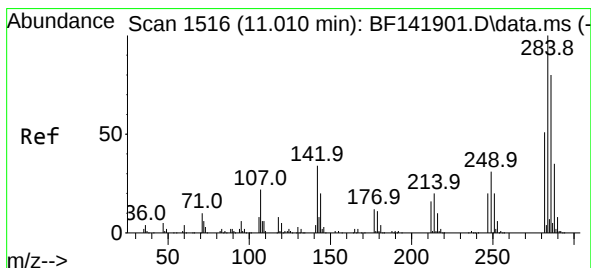
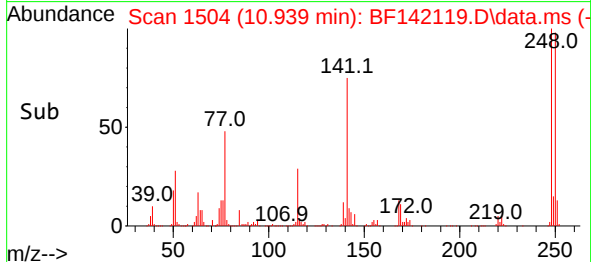
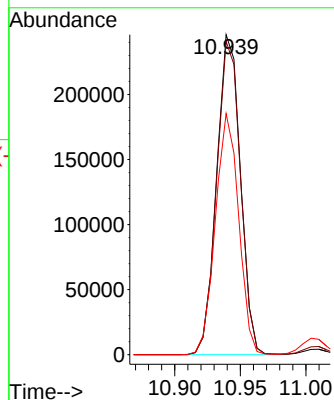
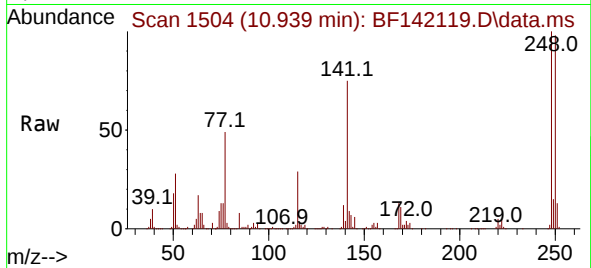




#67
4-Bromophenyl-phenylether
Concen: 47.179 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

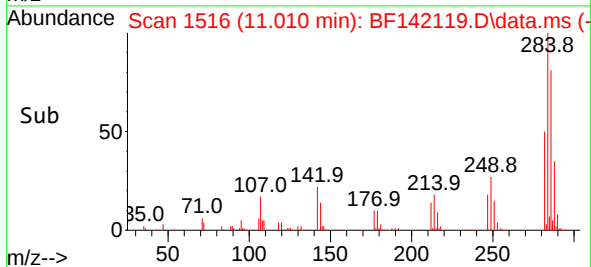
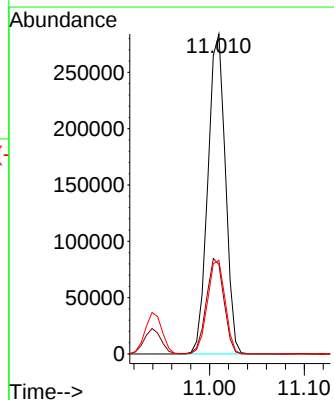
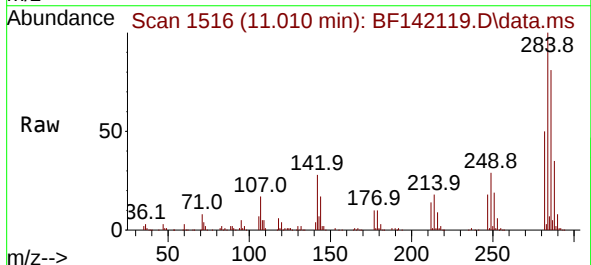
Instrument :
BNA_F
ClientSampleId :
PB167326BS

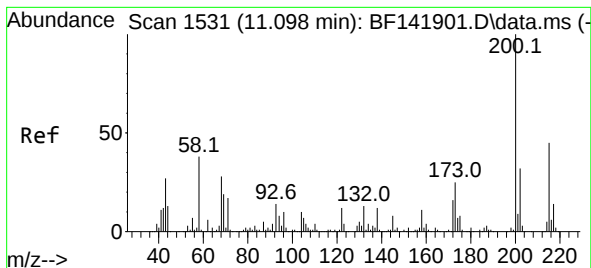
Tgt Ion:248 Resp: 310148
Ion Ratio Lower Upper
248 100
250 97.9 77.8 116.8
141 75.3 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.337 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:284 Resp: 362925
Ion Ratio Lower Upper
284 100
142 28.0 27.0 40.6
249 29.2 25.2 37.8





#69

Atrazine

Concen: 64.518 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

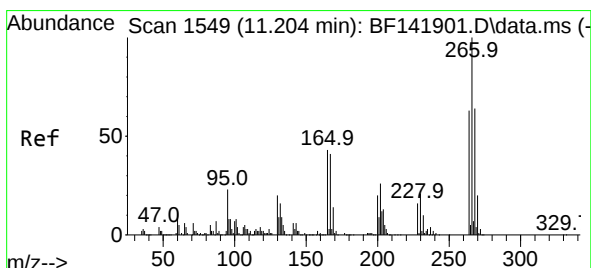
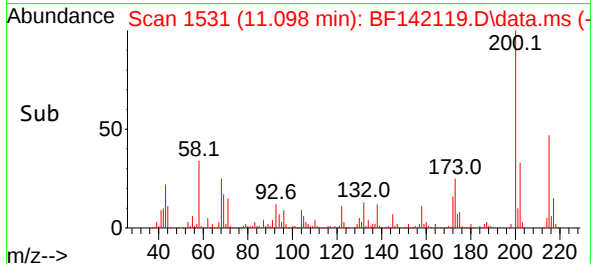
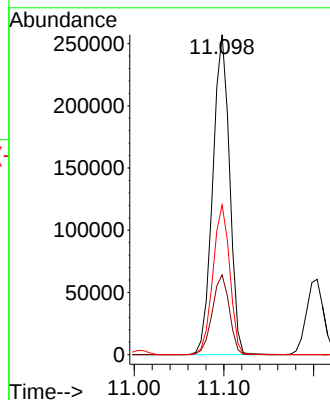
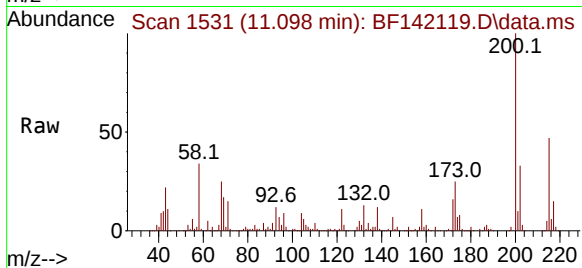
Tgt Ion:200 Resp: 335026

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 46.8 25.4 65.4



#70

Pentachlorophenol

Concen: 98.641 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

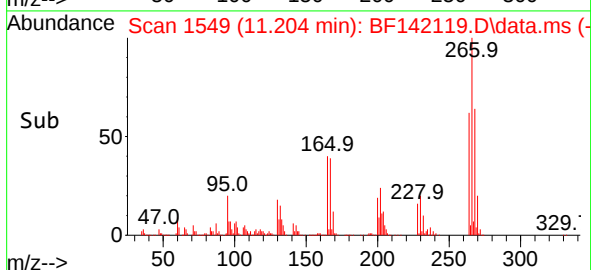
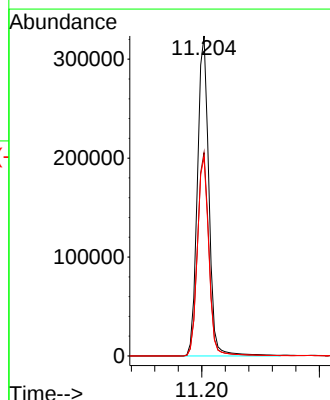
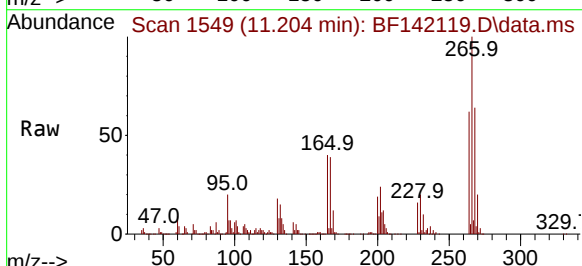
Tgt Ion:266 Resp: 438191

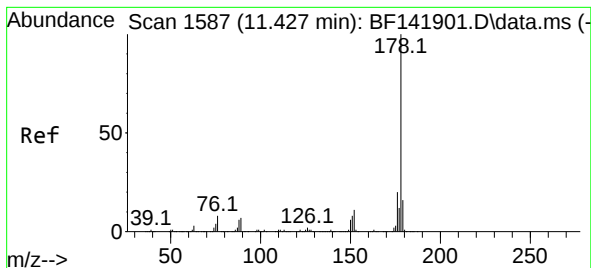
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 62.2 50.2 75.2





#71

Phenanthrene

Concen: 48.084 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

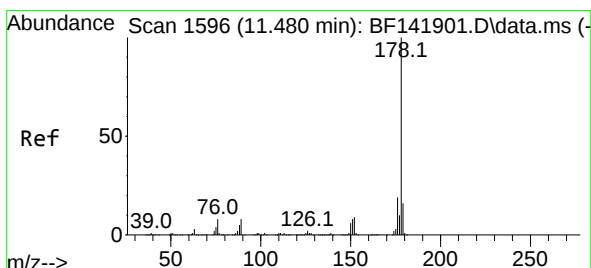
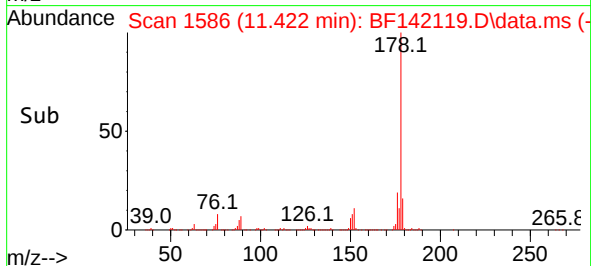
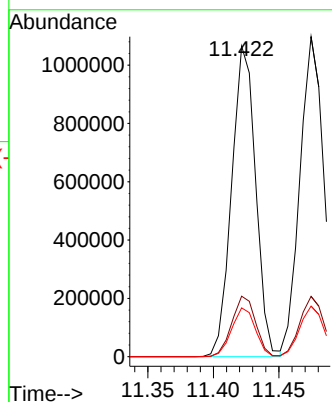
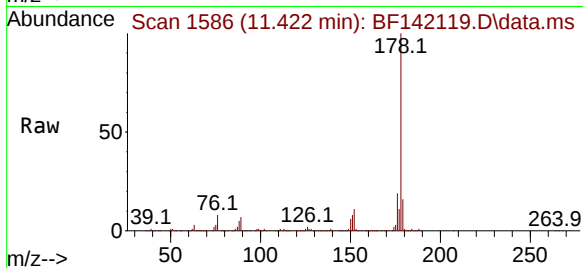
Tgt Ion:178 Resp: 1359458

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.7 12.6 19.0



#72

Anthracene

Concen: 48.807 ng

RT: 11.474 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

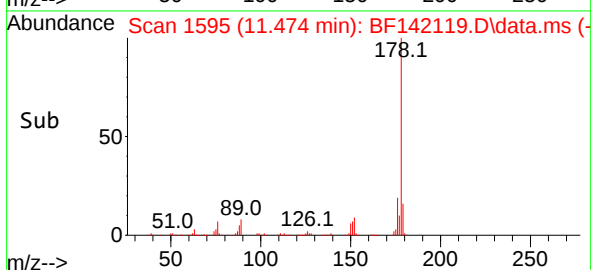
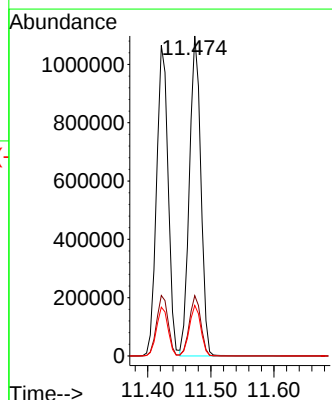
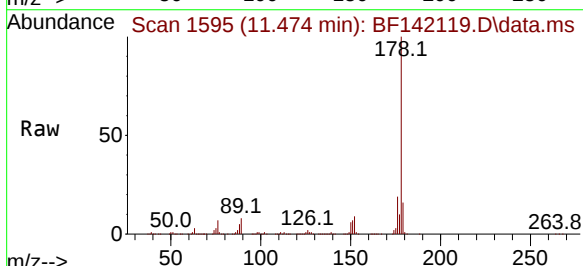
Tgt Ion:178 Resp: 1384419

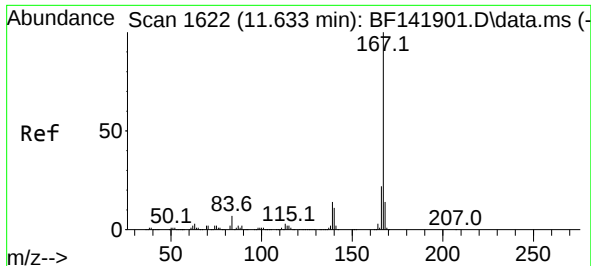
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.6 19.0

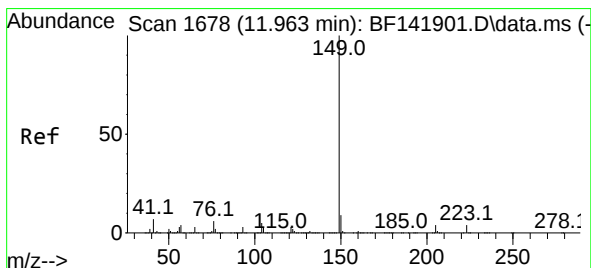
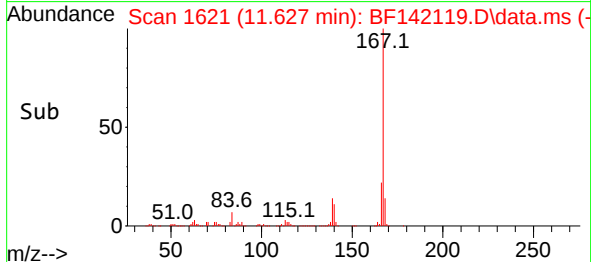
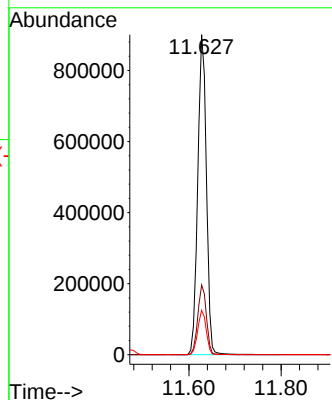
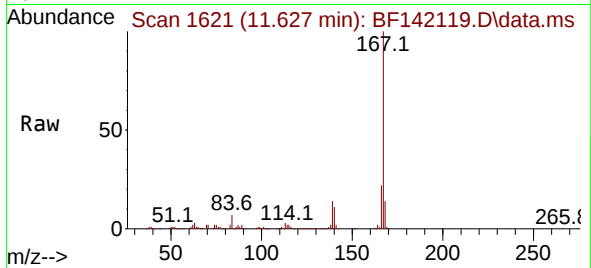




#73
 Carbazole
 Concen: 47.797 ng
 RT: 11.627 min Scan# 1621
 Delta R.T. -0.006 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

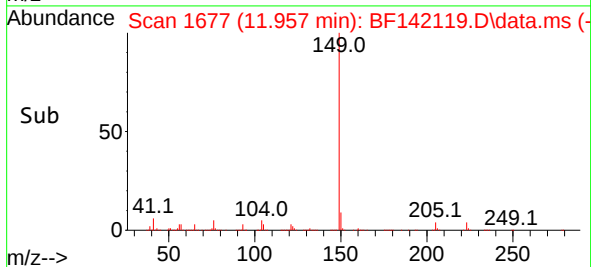
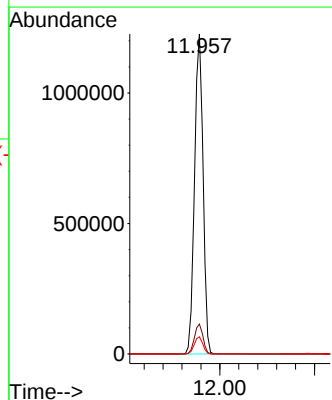
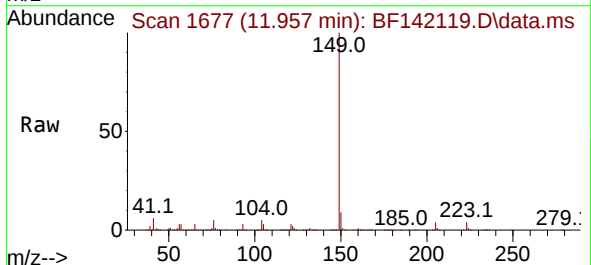
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

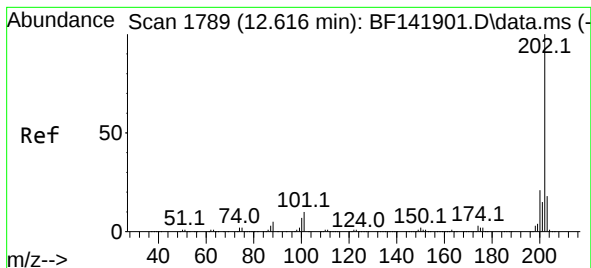
Tgt Ion:167 Resp: 1169220
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.9 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 46.903 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.006 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Tgt Ion:149 Resp: 1522408
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.3 4.4 6.6





#75

Fluoranthene

Concen: 47.043 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

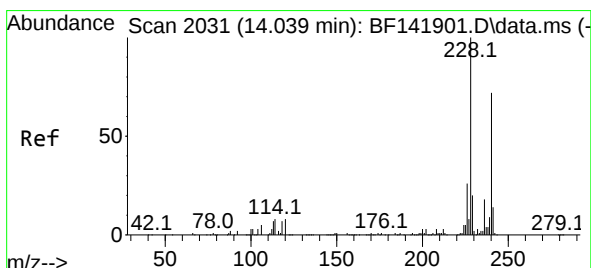
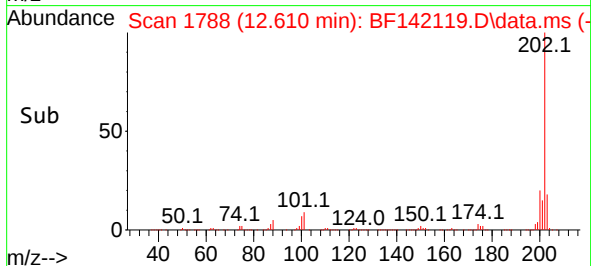
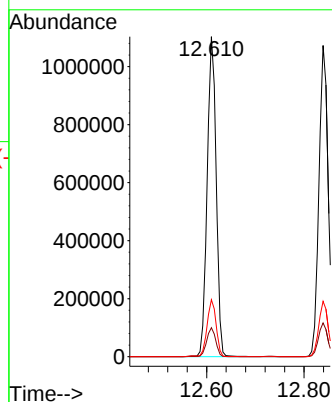
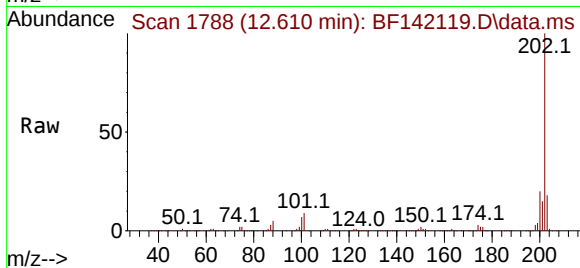
Tgt Ion:202 Resp: 1410852

Ion Ratio Lower Upper

202 100

101 9.0 0.0 29.7

203 17.8 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

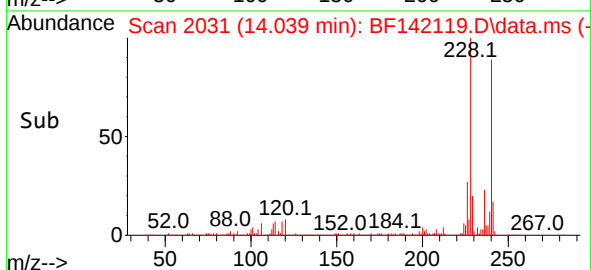
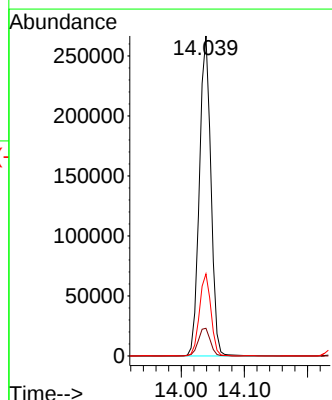
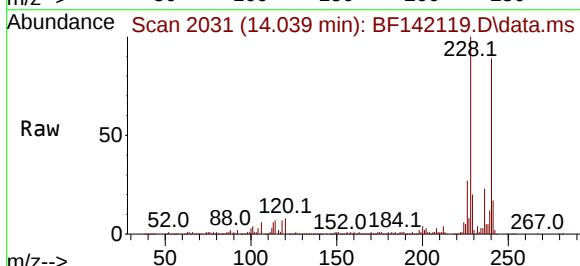
Tgt Ion:240 Resp: 335672

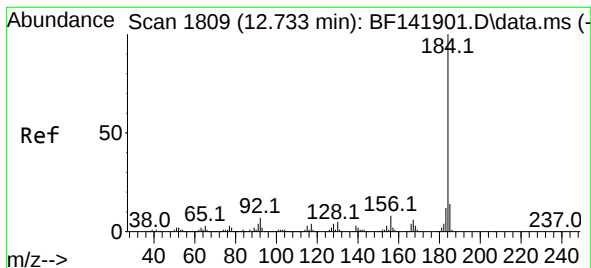
Ion Ratio Lower Upper

240 100

120 8.6 8.4 12.6

236 25.7 20.5 30.7





#77

Benzidine

Concen: 67.748 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

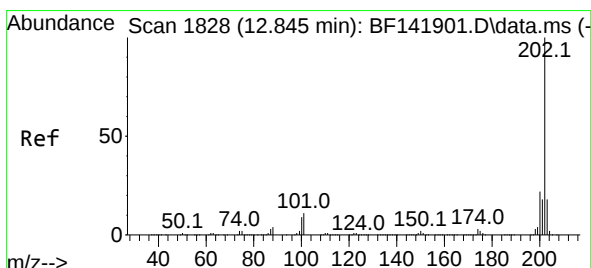
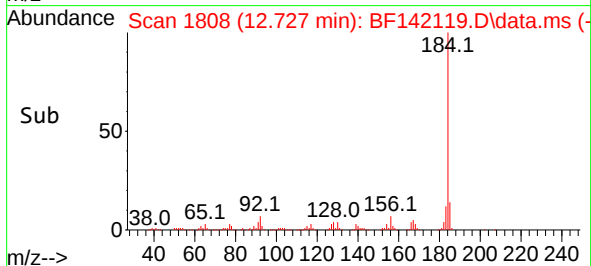
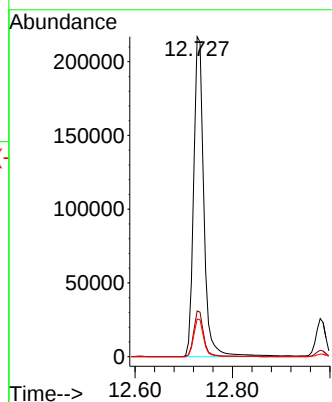
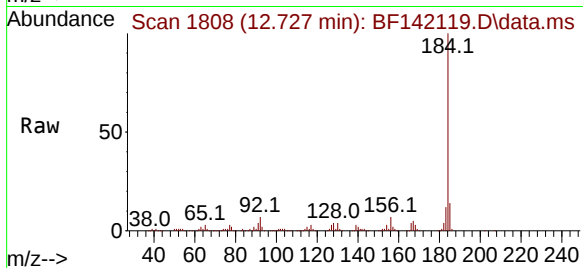
Tgt Ion:184 Resp: 317283

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.8 9.7 14.5



#78

Pyrene

Concen: 47.877 ng

RT: 12.839 min Scan# 1827

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

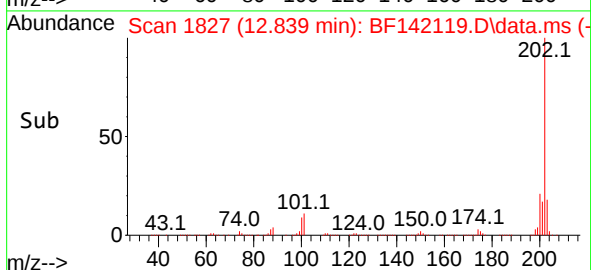
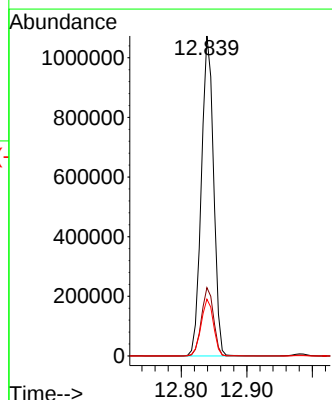
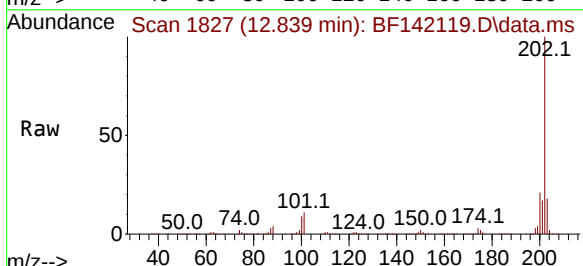
Tgt Ion:202 Resp: 1390144

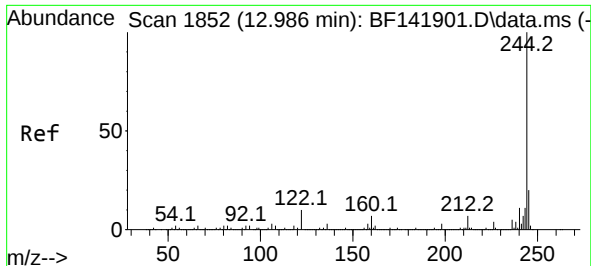
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 17.8 14.4 21.6

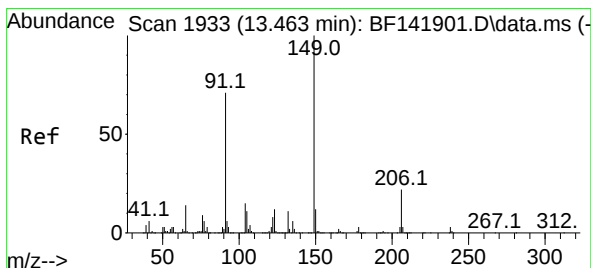
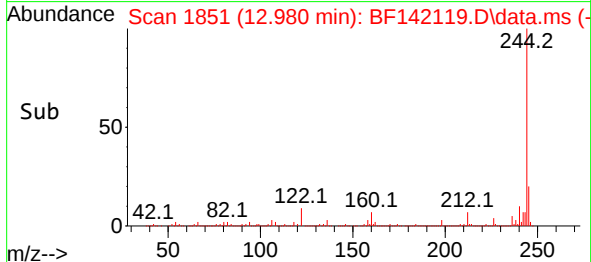
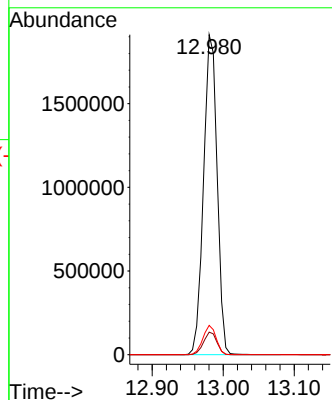
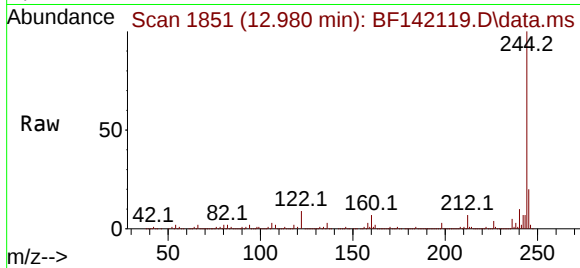




#79
 Terphenyl-d14
 Concen: 112.147 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

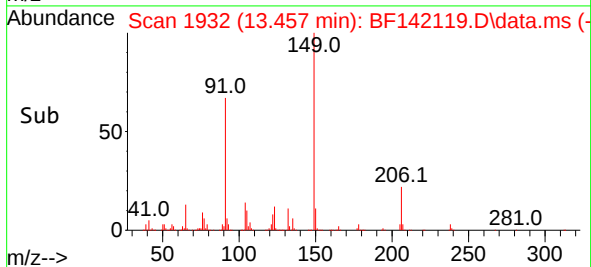
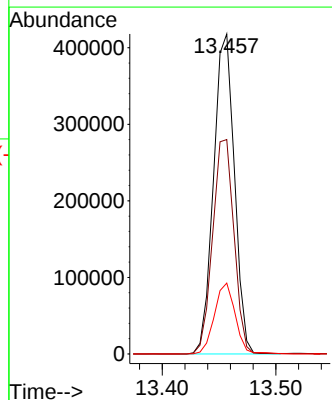
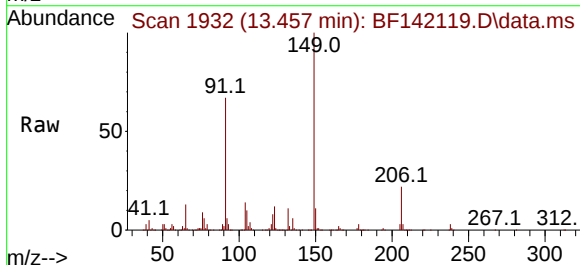
Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

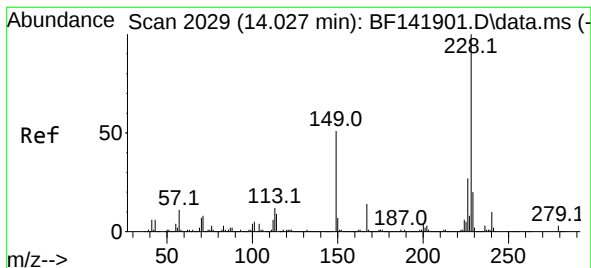
Tgt Ion:244 Resp: 2546209
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 46.960 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Tgt Ion:149 Resp: 533692
 Ion Ratio Lower Upper
 149 100
 91 67.0 56.5 84.7
 206 22.2 17.3 25.9





#81

Benzo(a)anthracene

Concen: 48.183 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

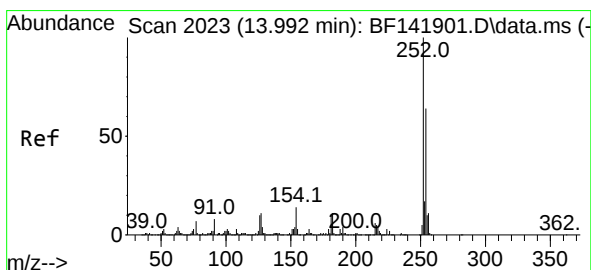
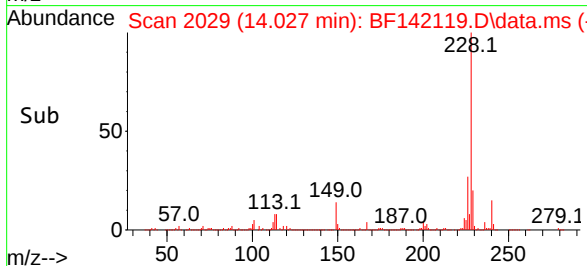
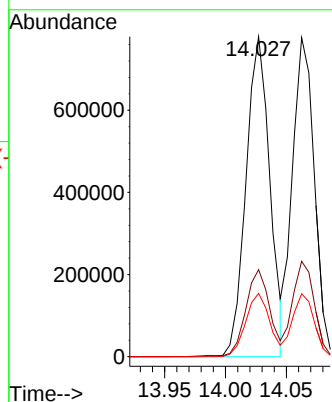
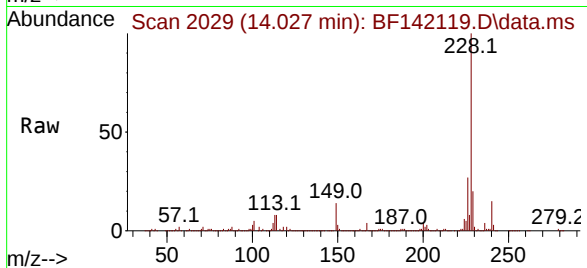
Tgt Ion:228 Resp: 1061326

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.8 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 33.927 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

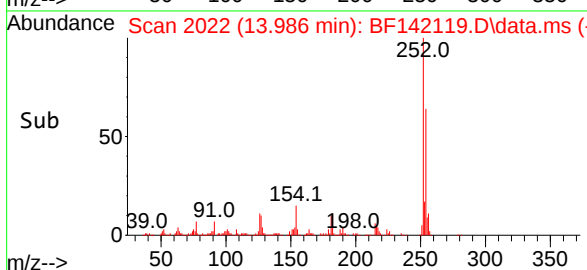
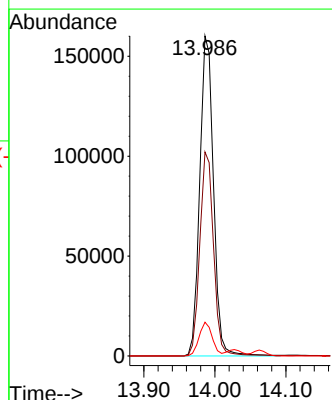
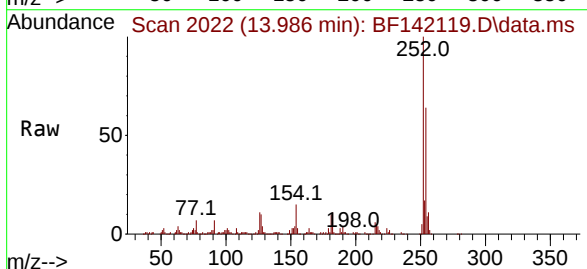
Tgt Ion:252 Resp: 215961

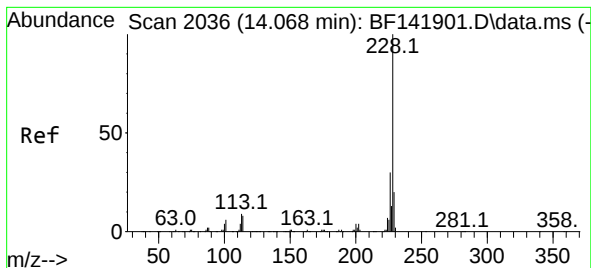
Ion Ratio Lower Upper

252 100

254 63.7 51.0 76.6

126 10.5 8.4 12.6





#83

Chrysene

Concen: 48.960 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

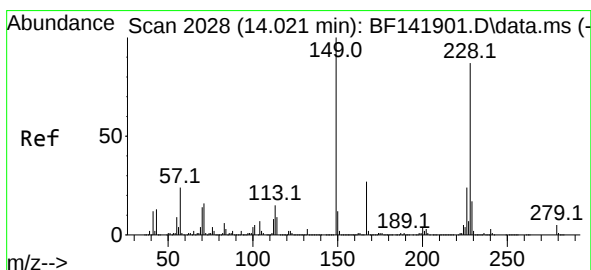
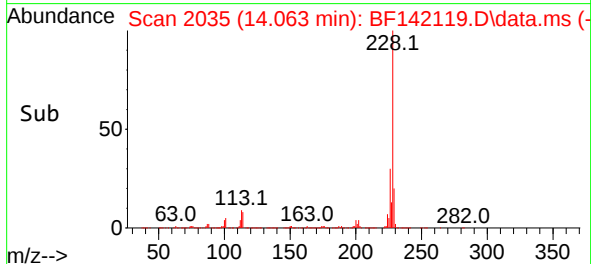
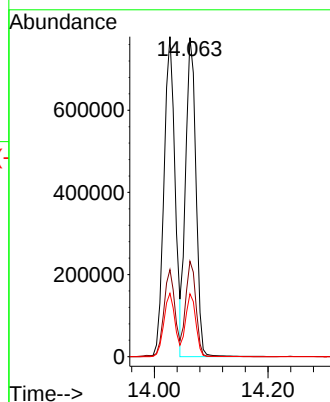
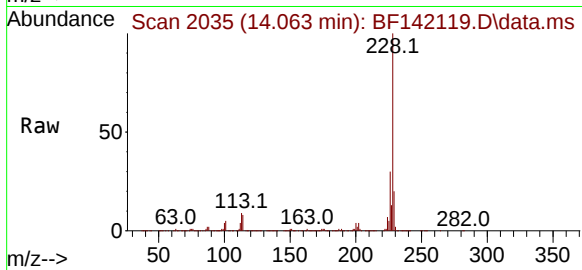
Tgt Ion:228 Resp: 977565

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.724 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

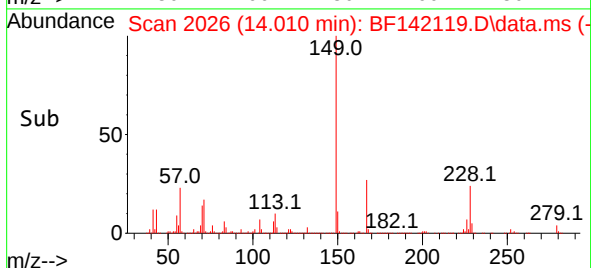
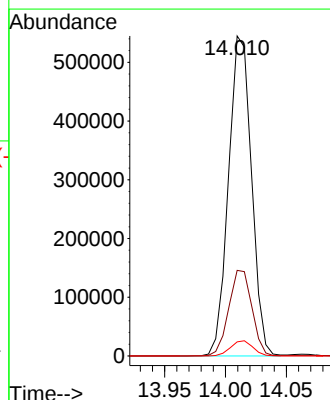
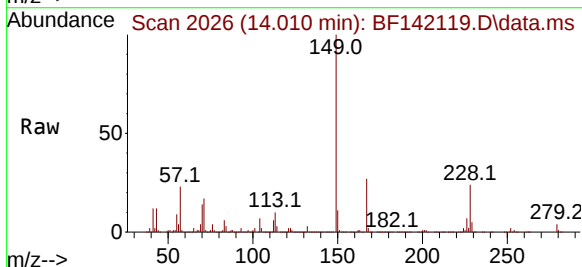
Tgt Ion:149 Resp: 716468

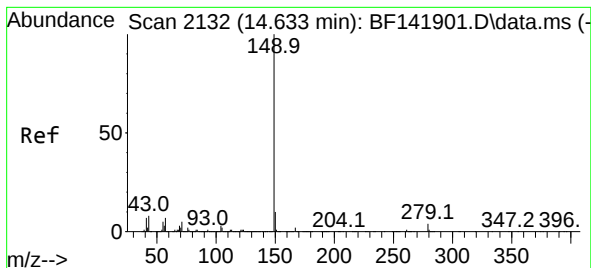
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.4 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 46.866 ng

RT: 14.627 min Scan# 2132

Delta R.T. -0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

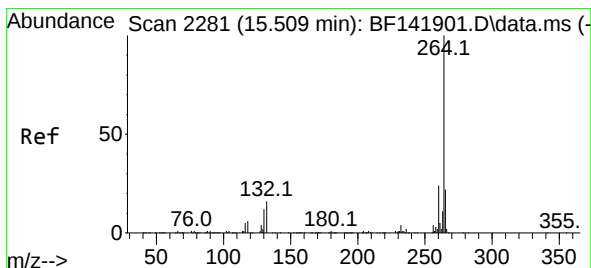
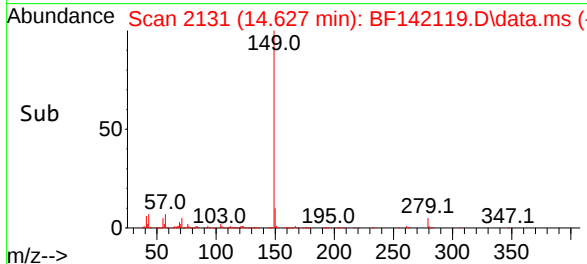
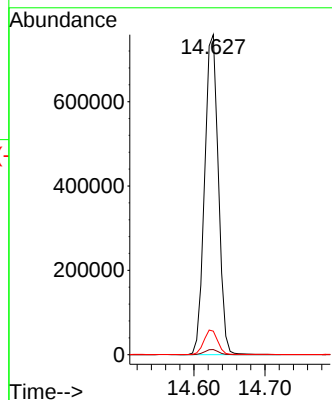
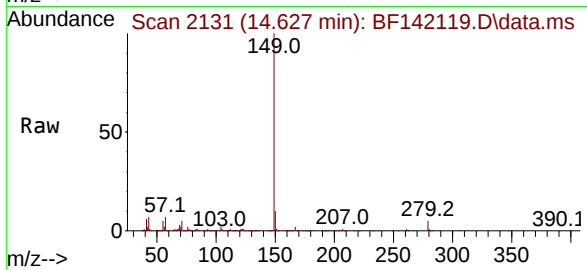
Tgt Ion:149 Resp: 1021804

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

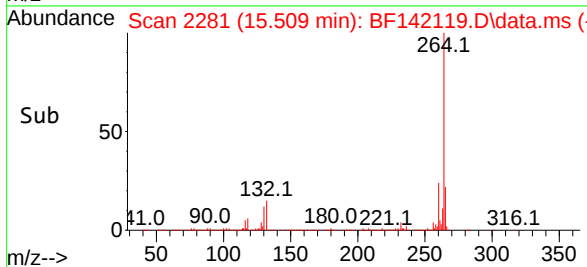
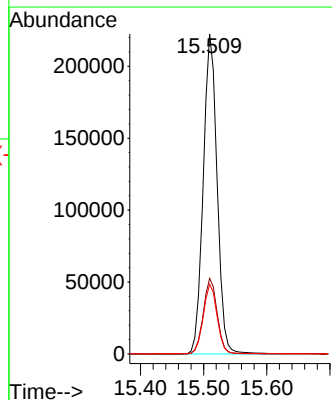
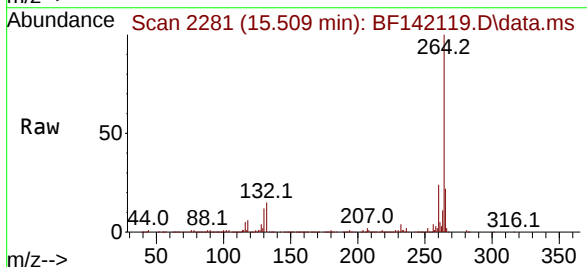
Tgt Ion:264 Resp: 340644

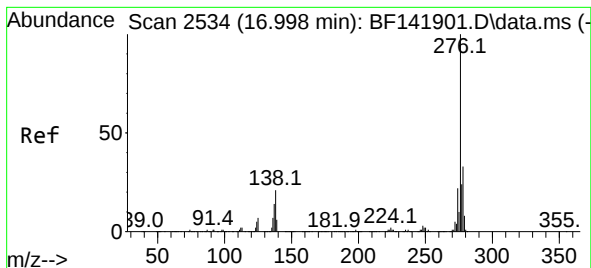
Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.149 ng

RT: 17.003 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

Instrument :

BNA_F

ClientSampleId :

PB167326BS

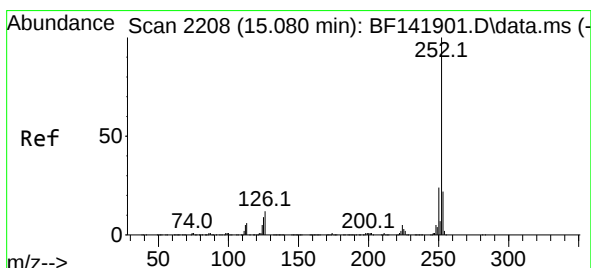
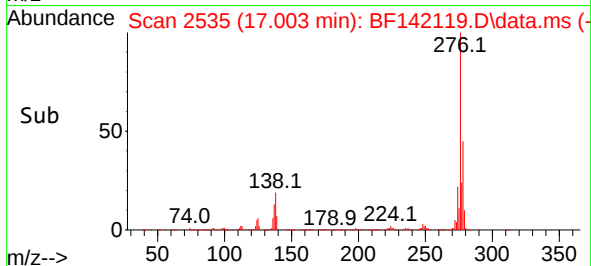
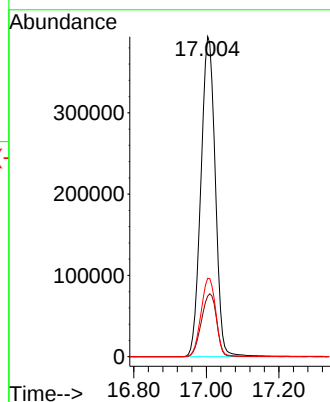
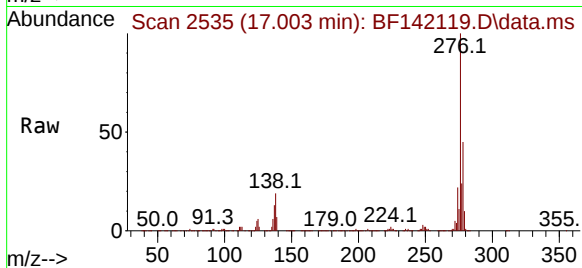
Tgt Ion:276 Resp: 1083029

Ion Ratio Lower Upper

276 100

138 20.9 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.975 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142119.D

Acq: 27 Mar 2025 11:32

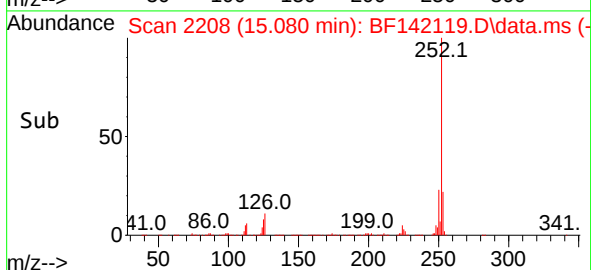
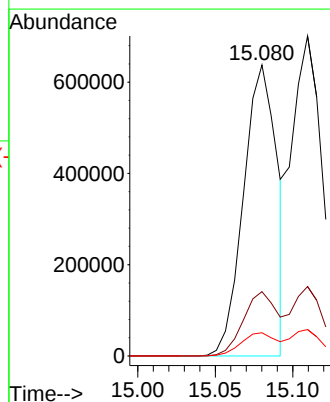
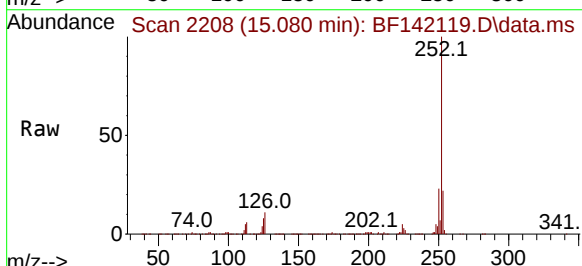
Tgt Ion:252 Resp: 956611

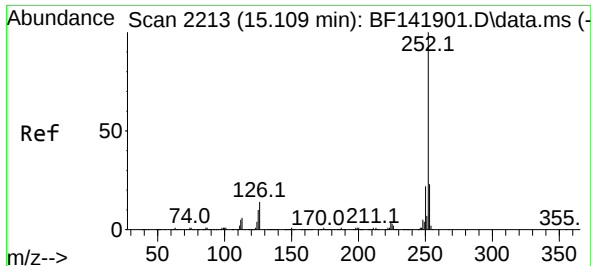
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.9 7.0 10.4

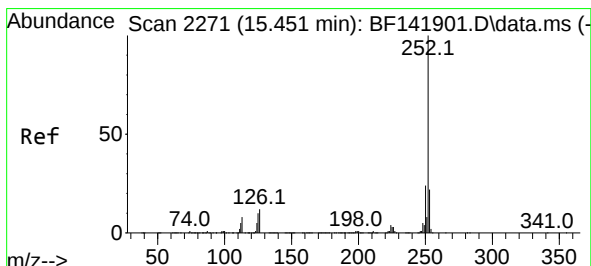
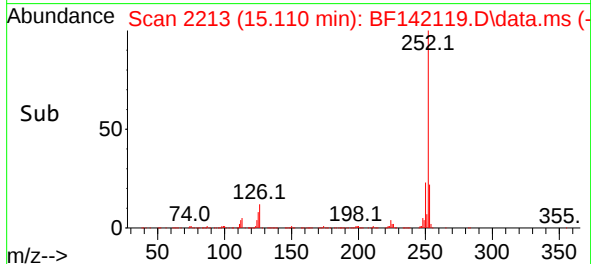
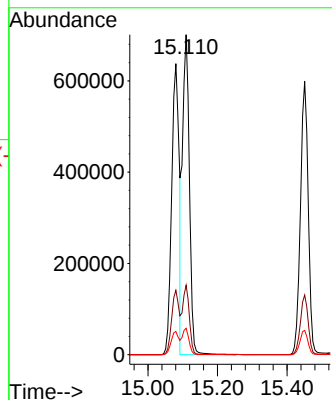
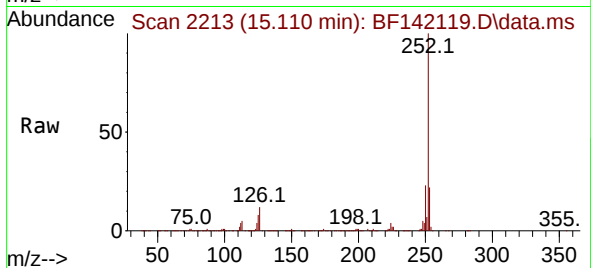




#89
Benzo(k)fluoranthene
Concen: 48.499 ng
RT: 15.110 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

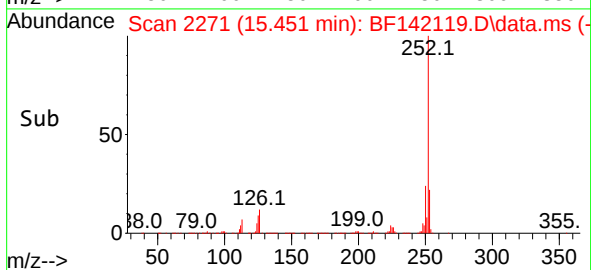
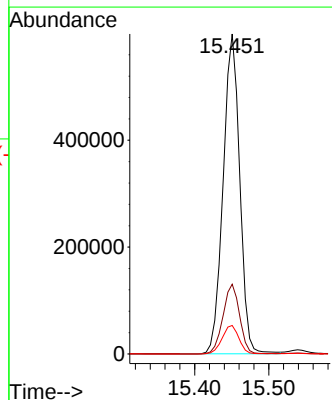
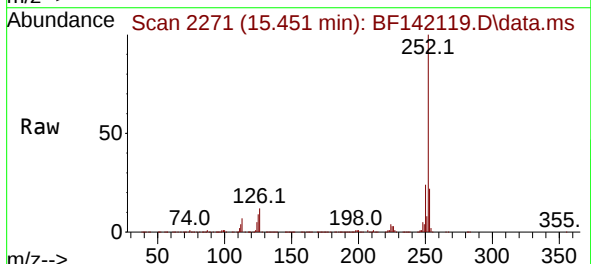
Instrument :
BNA_F
ClientSampleId :
PB167326BS

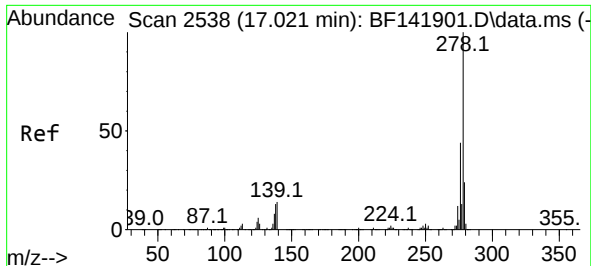
Tgt Ion:252 Resp: 968970
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.2 7.2 10.8



#90
Benzo(a)pyrene
Concen: 50.960 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142119.D
Acq: 27 Mar 2025 11:32

Tgt Ion:252 Resp: 930924
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.9 7.8 11.8

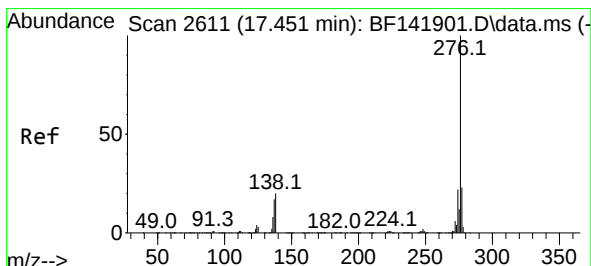
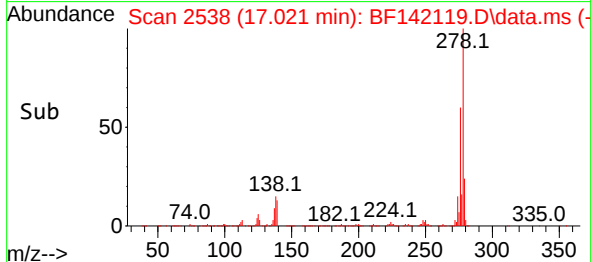
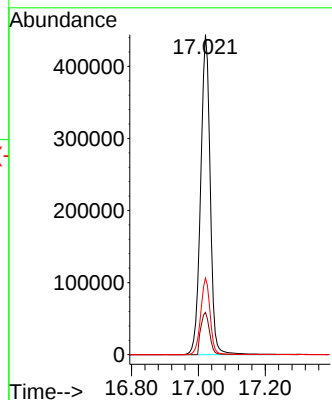
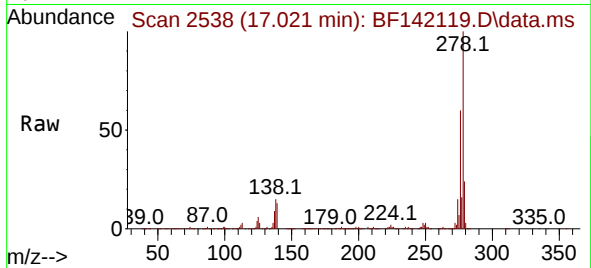




#91
 Dibenzo(a,h)anthracene
 Concen: 48.465 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB167326BS

Tgt Ion:278 Resp: 881145
 Ion Ratio Lower Upper
 278 100
 139 13.2 11.4 17.2
 279 23.9 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 44.813 ng
 RT: 17.456 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF142119.D
 Acq: 27 Mar 2025 11:32

Tgt Ion:276 Resp: 805139
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.7 28.1
 138 17.9 15.8 23.8

