

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053025\
 Data File : BF142568.D
 Acq On : 30 May 2025 14:18
 Operator : RC/JU
 Sample : PB168211BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168211BS

Quant Time: May 30 14:37:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	122043	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	476655	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	264068	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	470473	20.000	ng	0.00
76) Chrysene-d12	14.074	240	271265	20.000	ng	0.00
86) Perylene-d12	15.568	264	242037	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	852680	117.709	ng	0.01
7) Phenol-d6	6.528	99	1047774	120.158	ng	0.00
23) Nitrobenzene-d5	7.463	82	640818	73.309	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	372617	127.137	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1387067	70.484	ng	0.00
79) Terphenyl-d14	13.015	244	1462423	73.672	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.769	88	103387	35.666	ng	99
3) Pyridine	3.528	79	287654	38.968	ng	98
4) n-Nitrosodimethylamine	3.481	42	153912	40.157	ng	93
6) Aniline	6.563	93	386546	32.968	ng	100
8) 2-Chlorophenol	6.681	128	334430	42.385	ng	98
9) Benzaldehyde	6.451	77	176933	33.735	ng	99
10) Phenol	6.545	94	407345	41.516	ng	94
11) bis(2-Chloroethyl)ether	6.634	93	294278	41.665	ng	99
12) 1,3-Dichlorobenzene	6.839	146	348789	39.616	ng	99
13) 1,4-Dichlorobenzene	6.916	146	351735	39.660	ng	98
14) 1,2-Dichlorobenzene	7.069	146	345320	40.692	ng	99
15) Benzyl Alcohol	7.039	79	276133	42.851	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	478931	40.378	ng	99
17) 2-Methylphenol	7.151	107	265099	43.034	ng	99
18) Hexachloroethane	7.410	117	124413	40.175	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	216777	40.112	ng	99
20) 3+4-Methylphenols	7.304	107	331352	42.003	ng	98
22) Acetophenone	7.310	105	431045	40.851	ng	99
24) Nitrobenzene	7.481	77	327349	41.521	ng	98
25) Isophorone	7.722	82	603262	41.277	ng	98
26) 2-Nitrophenol	7.798	139	184515	43.800	ng	96
27) 2,4-Dimethylphenol	7.833	122	319426	42.997	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	377464	41.345	ng	99
29) 2,4-Dichlorophenol	8.039	162	294165	43.541	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	297631	40.592	ng	98
31) Naphthalene	8.204	128	964027	41.074	ng	100
32) Benzoic acid	7.957	122	216728	47.925	ng	95
33) 4-Chloroaniline	8.251	127	199850	21.014	ng	98
34) Hexachlorobutadiene	8.322	225	179561	39.221	ng	99
35) Caprolactam	8.622	113	51955	27.381	ng	98
36) 4-Chloro-3-methylphenol	8.733	107	307511	44.413	ng	99
37) 2-Methylnaphthalene	8.898	142	603358	40.862	ng	100
38) 1-Methylnaphthalene	8.998	142	628687	41.163	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	306920	40.489	ng	99
41) Hexachlorocyclopentadiene	9.051	237	409386	80.059	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	218158	42.680	ng	98

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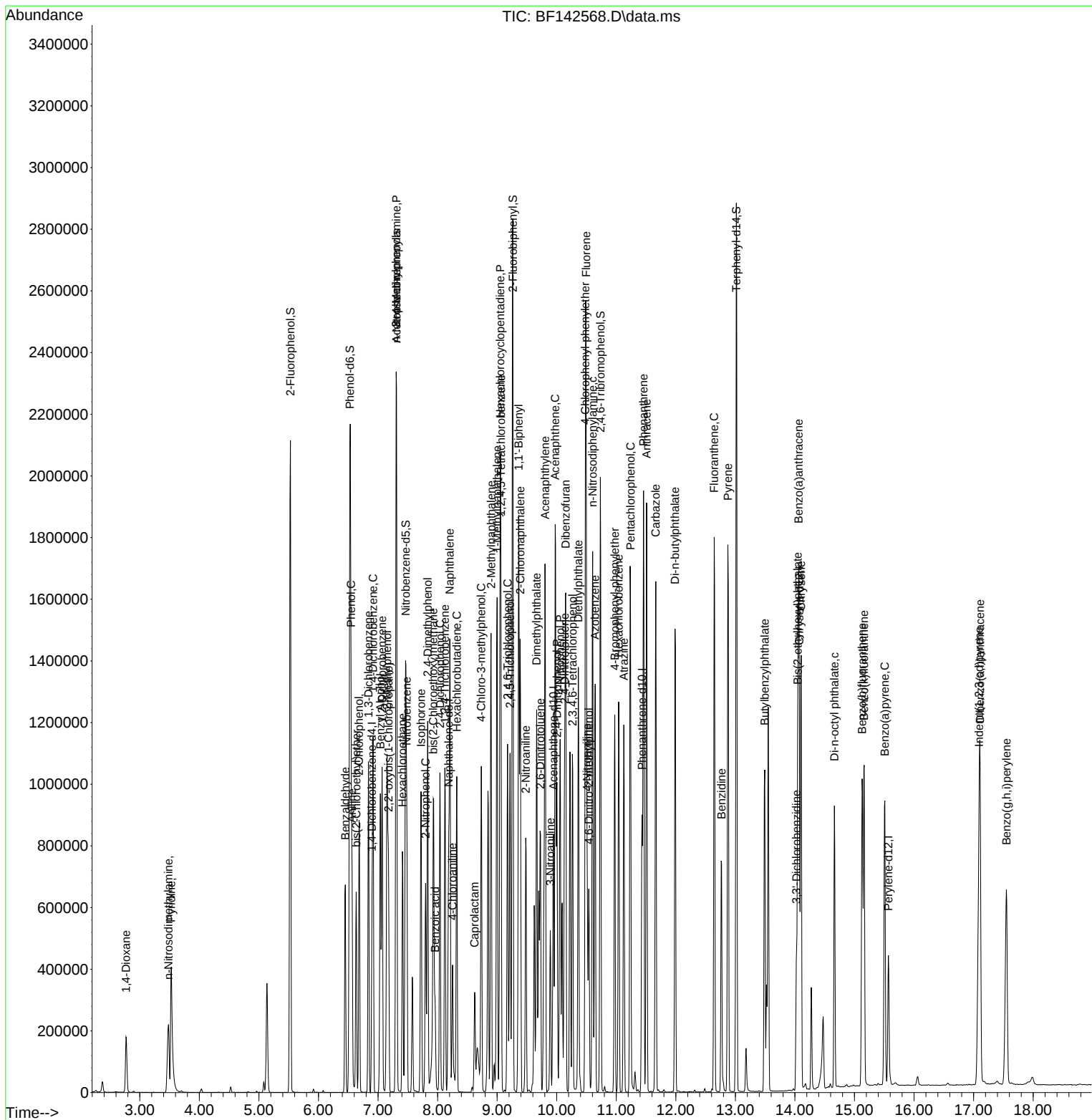
Instrument :
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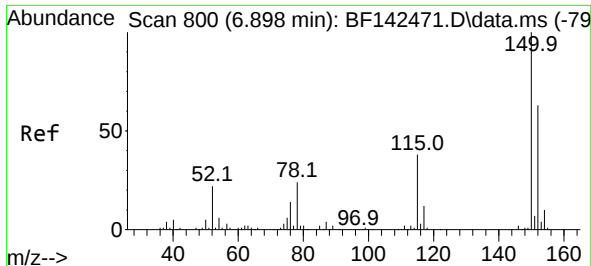
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	237861	44.123	ng	98
46) 1,1'-Biphenyl	9.363	154	838760	40.941	ng	99
47) 2-Chloronaphthalene	9.386	162	621764	41.077	ng	99
48) 2-Nitroaniline	9.480	65	194996	44.570	ng	99
49) Acenaphthylene	9.804	152	1077928	42.174	ng	100
50) Dimethylphthalate	9.663	163	767183	44.030	ng	100
51) 2,6-Dinitrotoluene	9.727	165	170243	45.269	ng	96
52) Acenaphthene	9.974	154	726019	46.519	ng	99
53) 3-Nitroaniline	9.892	138	122177	29.745	ng	99
54) 2,4-Dinitrophenol	10.004	184	208199	107.159	ng	92
55) Dibenzofuran	10.151	168	943056	41.990	ng	99
56) 4-Nitrophenol	10.057	139	297298	98.094	ng	99
57) 2,4-Dinitrotoluene	10.133	165	232579	47.356	ng	98
58) Fluorene	10.492	166	737241	42.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	200089	44.461	ng	99
60) Diethylphthalate	10.363	149	750725	44.116	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	360489	42.294	ng	98
62) 4-Nitroaniline	10.510	138	183943	49.377	ng	97
63) Azobenzene	10.645	77	661165	43.257	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	131023	49.902	ng	100
66) n-Nitrosodiphenylamine	10.604	169	657232	40.832	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	229459	41.247	ng	98
68) Hexachlorobenzene	11.039	284	253935	41.271	ng	99
69) Atrazine	11.127	200	207887	48.633	ng	99
70) Pentachlorophenol	11.239	266	304411	87.631	ng	99
71) Phenanthrene	11.457	178	1049379	41.736	ng	99
72) Anthracene	11.510	178	1083954	42.242	ng	99
73) Carbazole	11.663	167	987084	44.996	ng	100
74) Di-n-butylphthalate	11.986	149	1125656	46.879	ng	99
75) Fluoranthene	12.645	202	1074252	45.725	ng	98
77) Benzidine	12.768	184	437383	43.328	ng	99
78) Pyrene	12.874	202	1070790	42.315	ng	99
80) Butylbenzylphthalate	13.492	149	358852	51.321	ng	97
81) Benzo(a)anthracene	14.062	228	811376	44.793	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	131683	23.968	ng	99
83) Chrysene	14.104	228	682489	41.931	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	409441	45.742	ng	99
85) Di-n-octyl phthalate	14.662	149	624867	35.702	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	748803	41.209	ng	99
88) Benzo(b)fluoranthene	15.127	252	663382	46.310	ng	98
89) Benzo(k)fluoranthene	15.162	252	589241	43.918	ng	99
90) Benzo(a)pyrene	15.509	252	605231	44.823	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	612544	41.564	ng	100
92) Benzo(g,h,i)perylene	17.550	276	603462	40.939	ng	98

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

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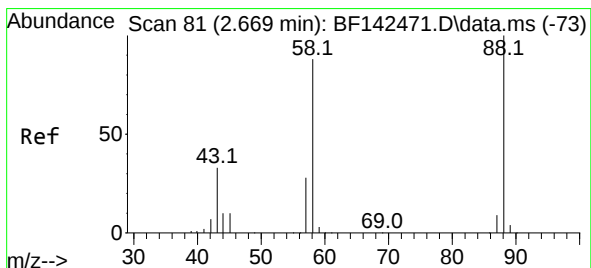
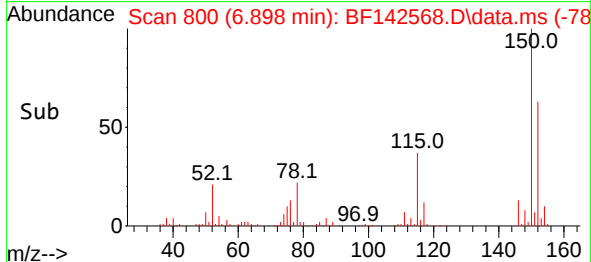
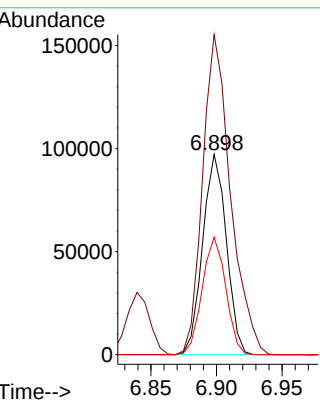
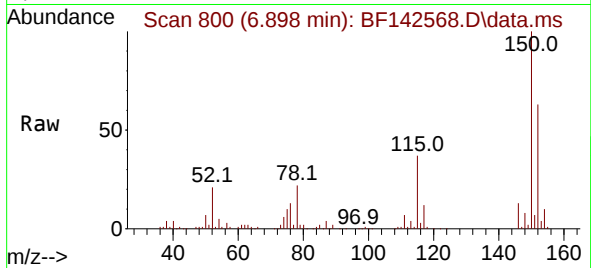




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142568.D
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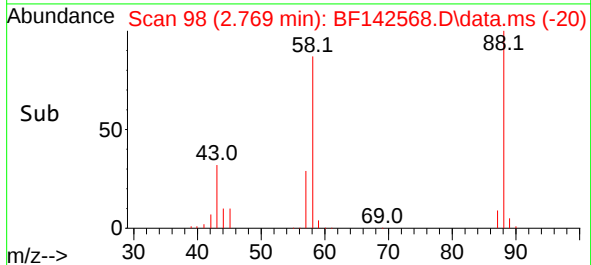
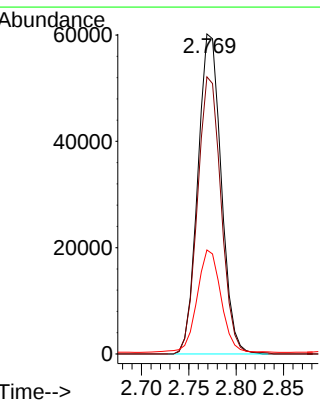
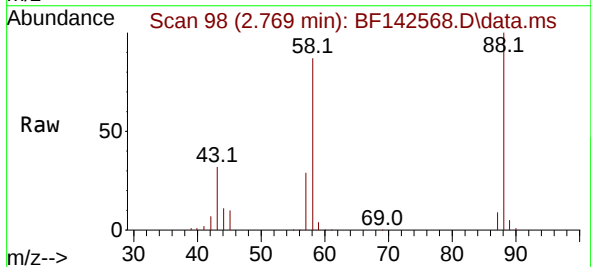
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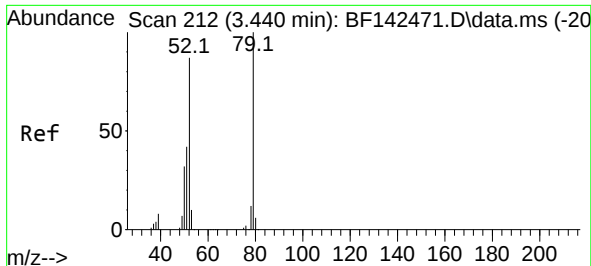
Tgt Ion:152 Resp: 122043
 Ion Ratio Lower Upper
 152 100
 150 159.8 128.2 192.4
 115 58.6 48.3 72.5



#2
 1,4-Dioxane
 Concen: 35.666 ng
 RT: 2.769 min Scan# 98
 Delta R.T. 0.106 min
 Lab File: BF142568.D
 Acq: 30 May 2025 14:18

Tgt Ion: 88 Resp: 103387
 Ion Ratio Lower Upper
 88 100
 58 87.5 70.8 106.2
 43 32.9 26.6 40.0





#3

Pyridine

Concen: 38.968 ng

RT: 3.528 min Scan# 21

Delta R.T. 0.088 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

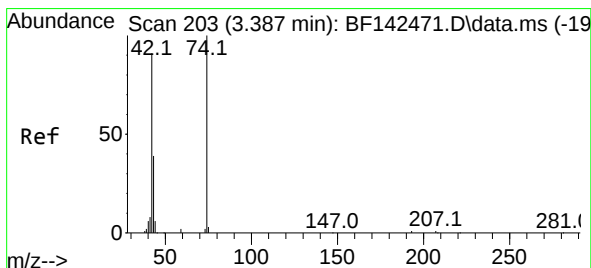
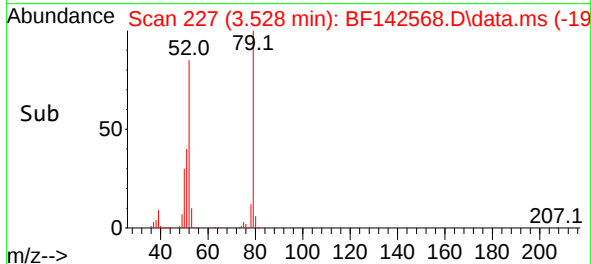
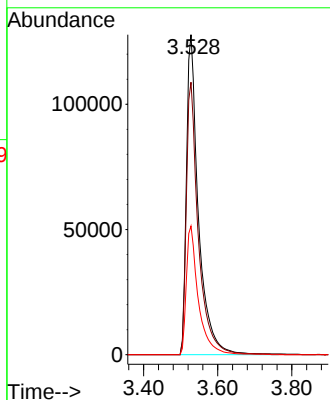
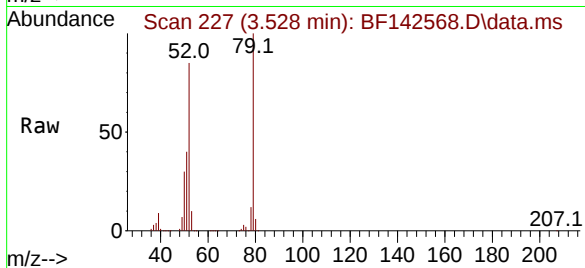
Tgt Ion: 79 Resp: 287654

Ion Ratio Lower Upper

79 100

52 85.2 69.2 103.8

51 40.2 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 40.157 ng

RT: 3.481 min Scan# 219

Delta R.T. 0.076 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

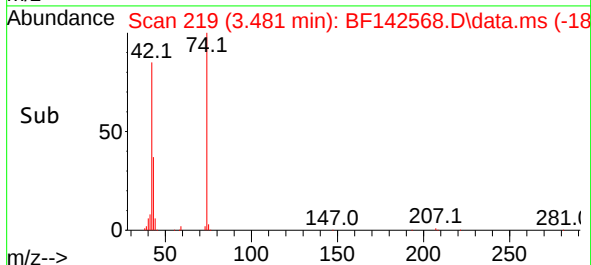
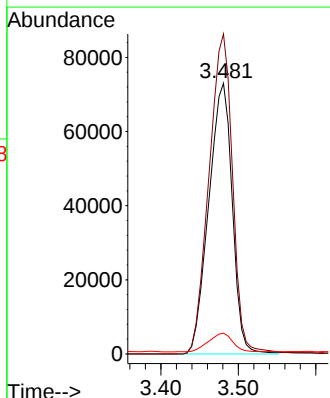
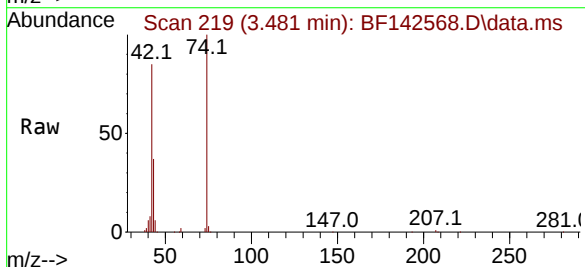
Tgt Ion: 42 Resp: 153912

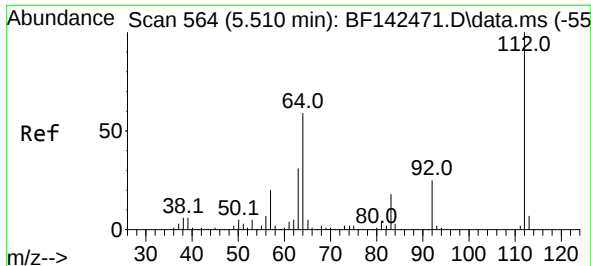
Ion Ratio Lower Upper

42 100

74 118.2 88.2 132.4

44 7.7 5.4 8.2

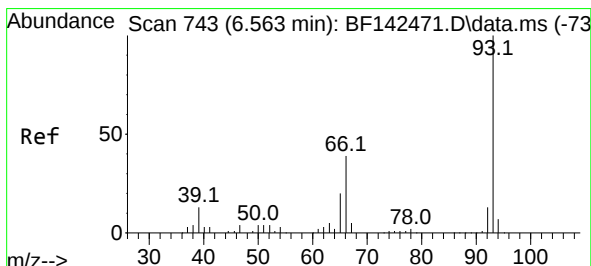
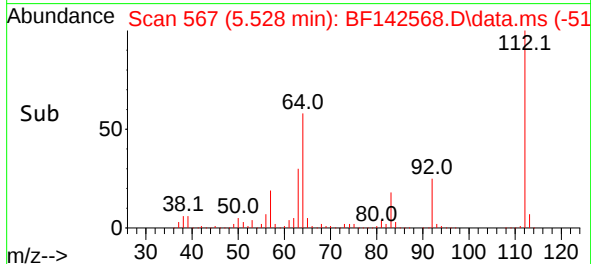
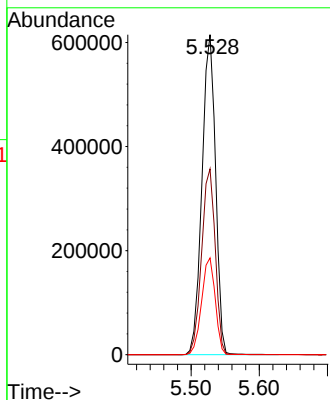
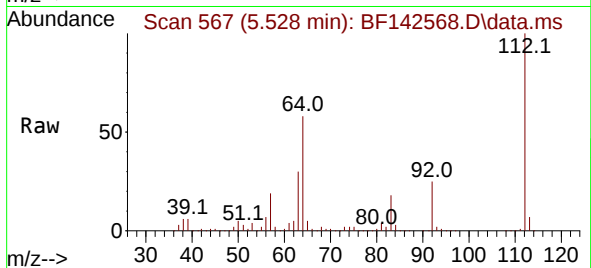




#5
2-Fluorophenol
Concen: 117.709 ng
RT: 5.528 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

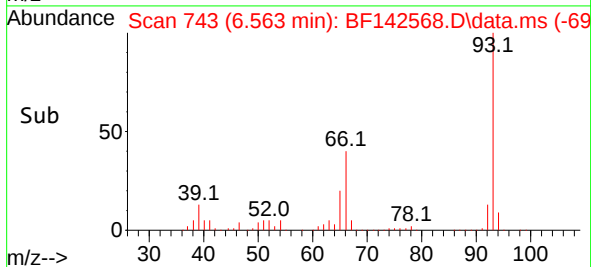
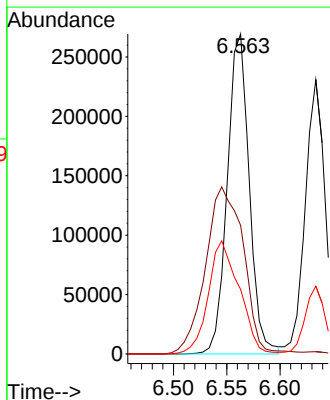
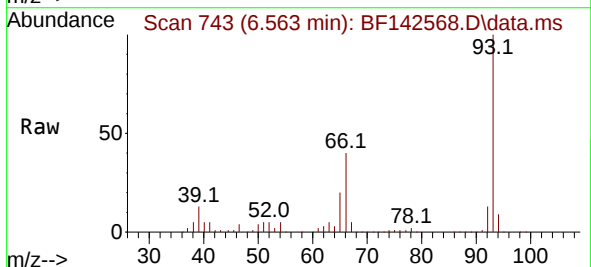
Instrument :
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ClientSampleId :
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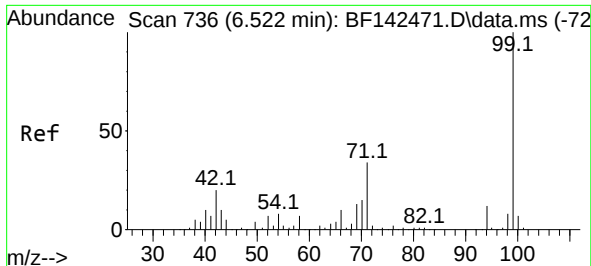
Tgt Ion:112 Resp: 852680
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.2 24.9 37.3



#6
Aniline
Concen: 32.968 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion: 93 Resp: 386546
Ion Ratio Lower Upper
93 100
66 40.2 32.0 48.0
65 20.2 16.1 24.1





#7

Phenol-d6

Concen: 120.158 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

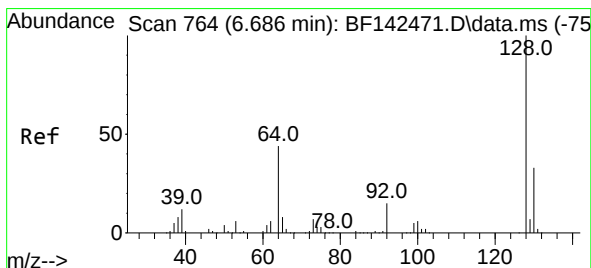
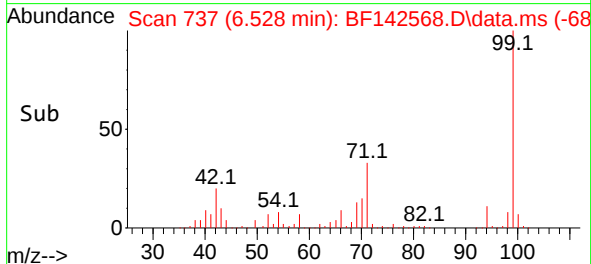
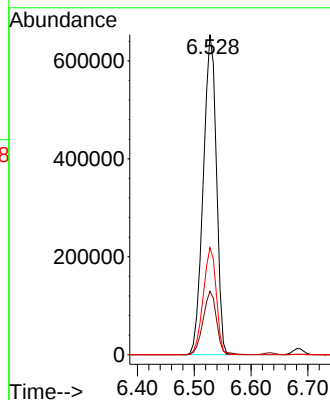
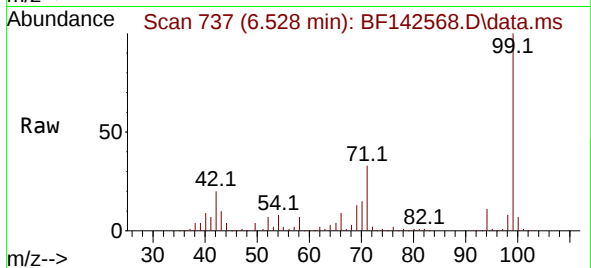
BNA_F

ClientSampleId :

PB168211BS

Tgt Ion: 99 Resp: 1047774

Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.2	24.2
71	33.4	27.3	40.9



#8

2-Chlorophenol

Concen: 42.385 ng

RT: 6.681 min Scan# 763

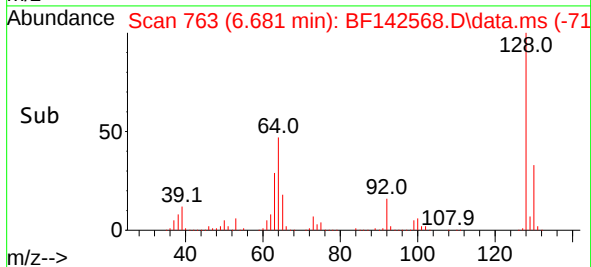
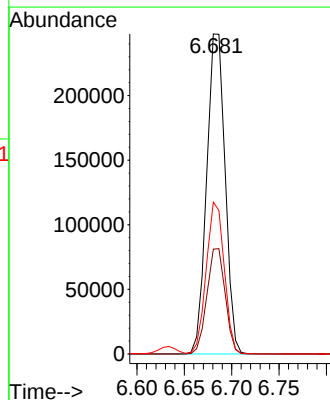
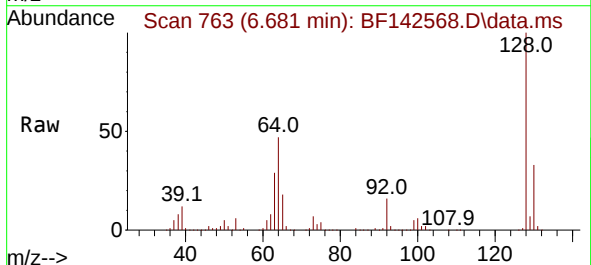
Delta R.T. -0.006 min

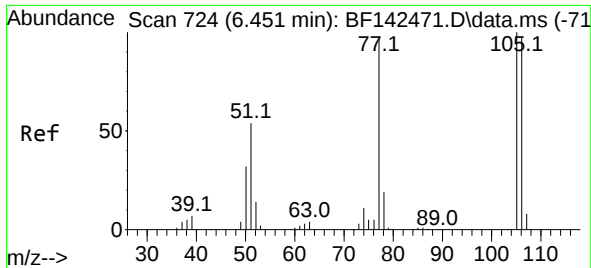
Lab File: BF142568.D

Acq: 30 May 2025 14:18

Tgt Ion:128 Resp: 334430

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.6	52.6
64	47.5	25.1	65.1

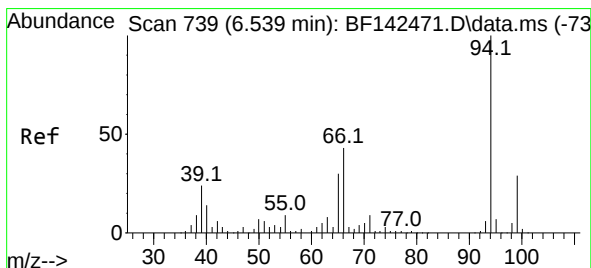
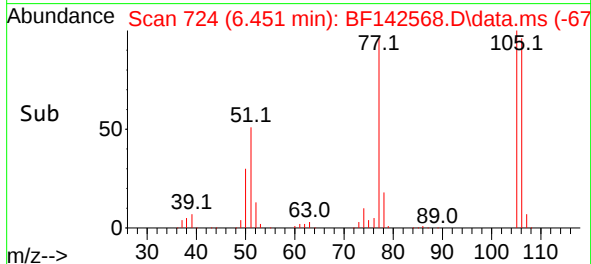
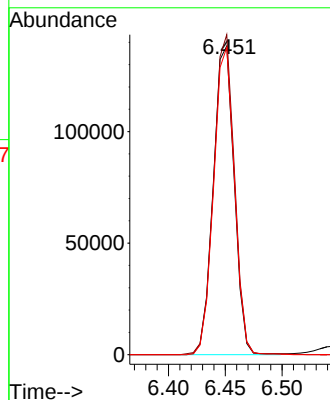
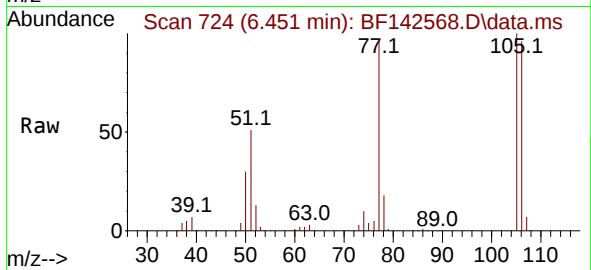




#9
Benzaldehyde
Concen: 33.735 ng
RT: 6.451 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142568.D
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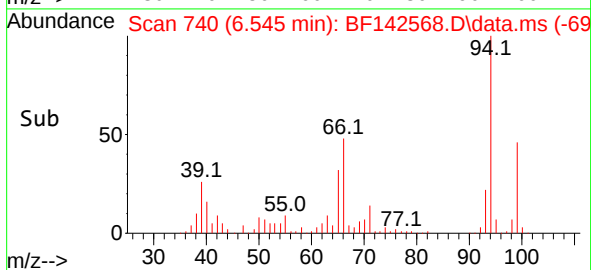
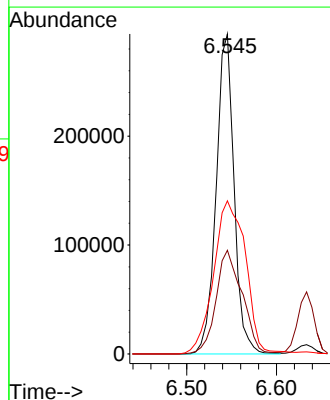
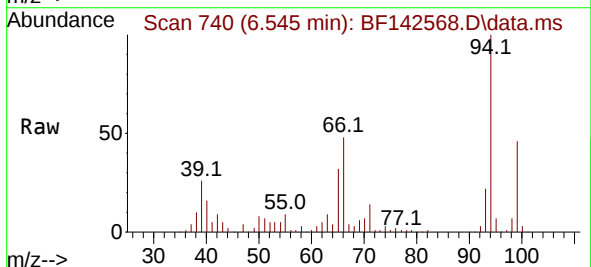
Instrument :
BNA_F
ClientSampleId :
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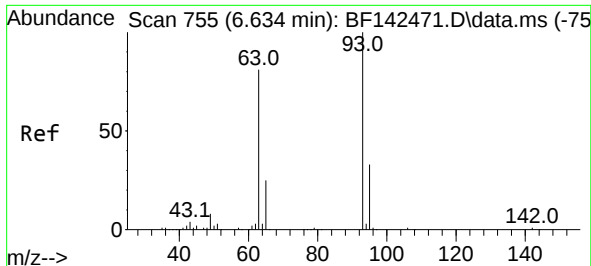
Tgt Ion: 77 Resp: 176933
Ion Ratio Lower Upper
77 100
105 103.7 82.5 122.5
106 99.5 80.0 120.0



#10
Phenol
Concen: 41.516 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion: 94 Resp: 407345
Ion Ratio Lower Upper
94 100
65 32.4 10.3 50.3
66 47.9 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 41.665 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

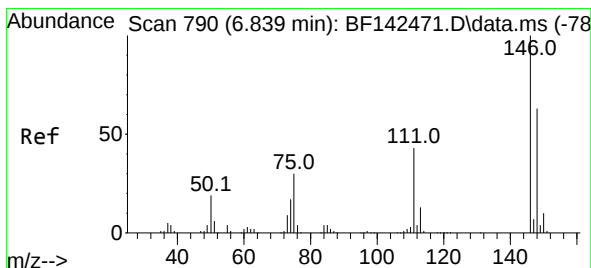
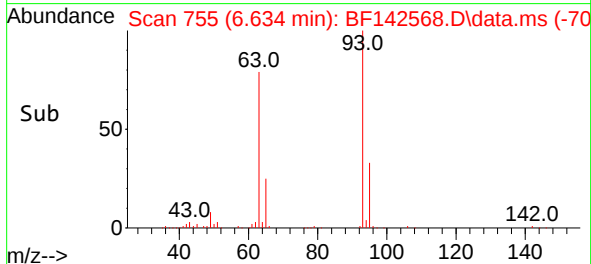
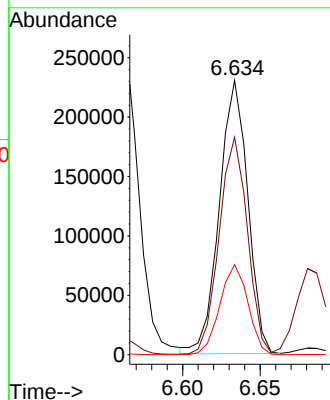
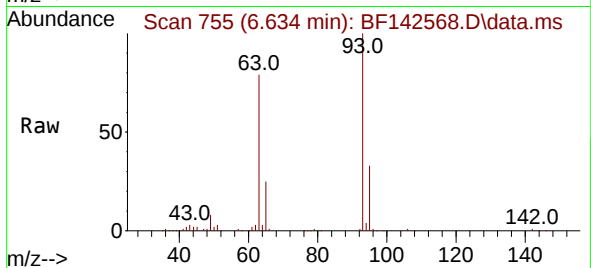
Tgt Ion: 93 Resp: 294278

Ion Ratio Lower Upper

93 100

63 79.3 60.2 100.2

95 32.9 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.616 ng

RT: 6.839 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

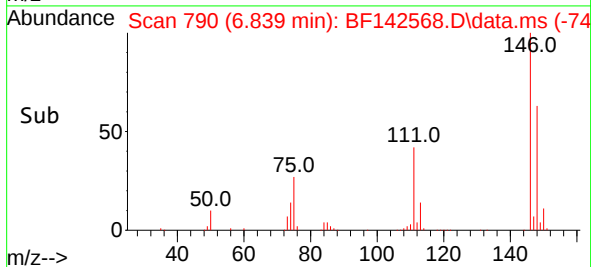
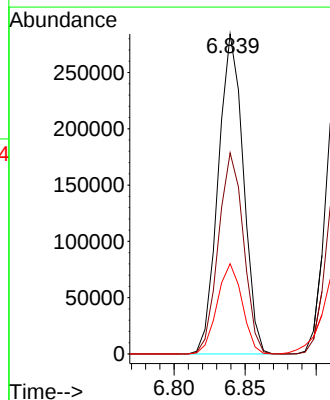
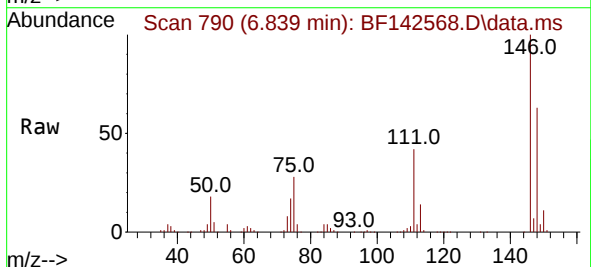
Tgt Ion:146 Resp: 348789

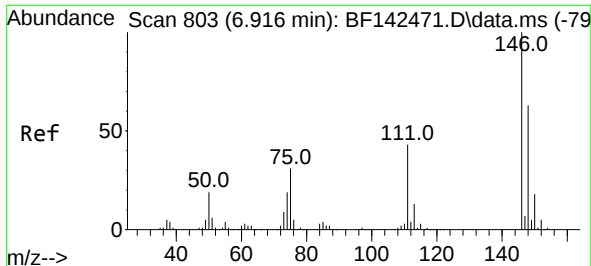
Ion Ratio Lower Upper

146 100

148 62.8 50.6 75.8

75 28.2 23.8 35.6

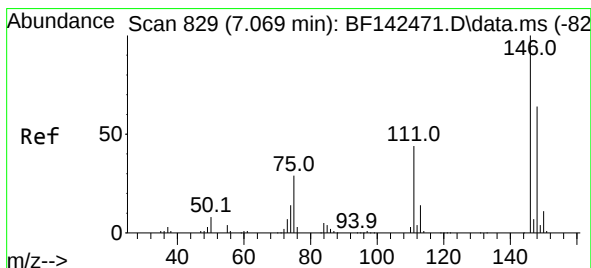
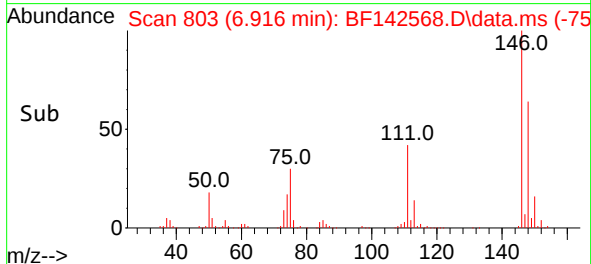
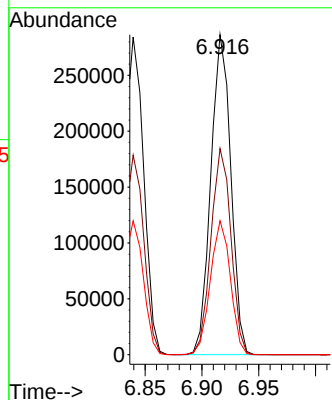
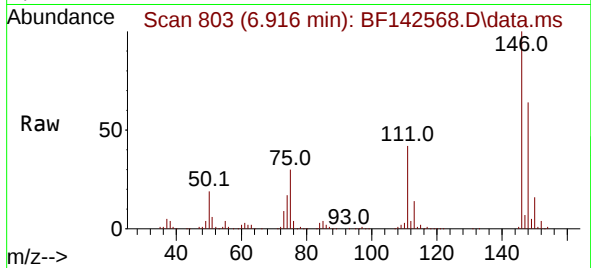




#13
1,4-Dichlorobenzene
Concen: 39.660 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

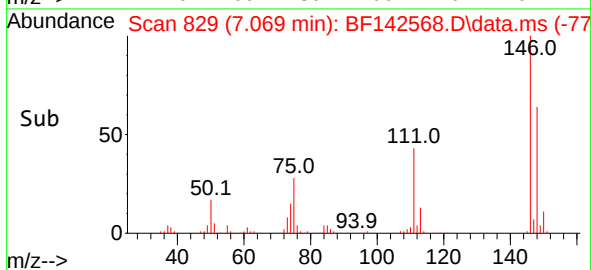
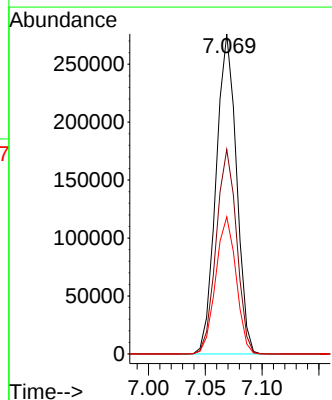
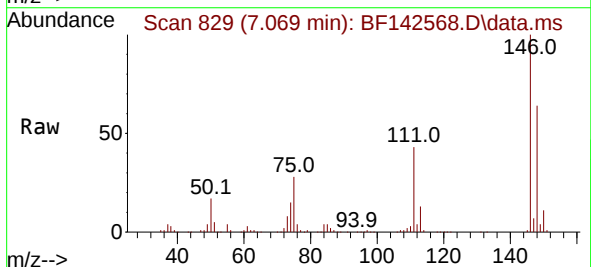
Instrument :
BNA_F
ClientSampleId :
PB168211BS

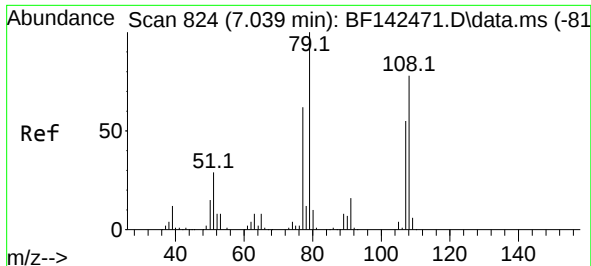
Tgt Ion:146 Resp: 351735
Ion Ratio Lower Upper
146 100
148 64.4 50.4 75.6
111 41.8 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 40.692 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:146 Resp: 345320
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.4
111 42.9 35.0 52.6

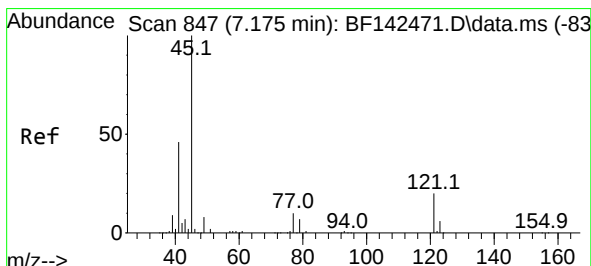
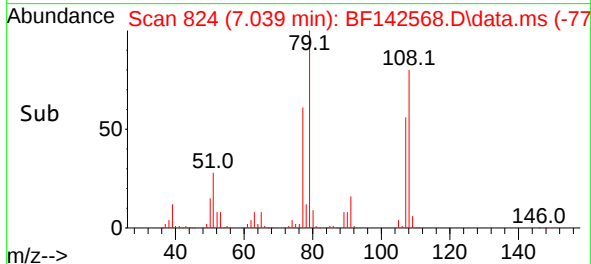
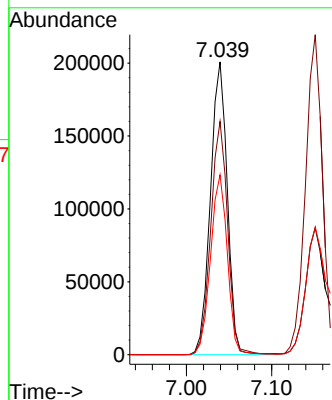
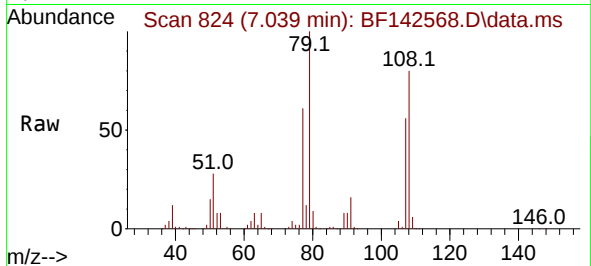




#15
Benzyl Alcohol
Concen: 42.851 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

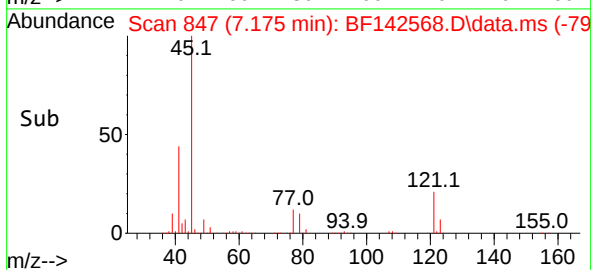
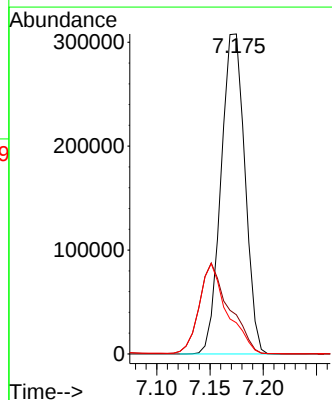
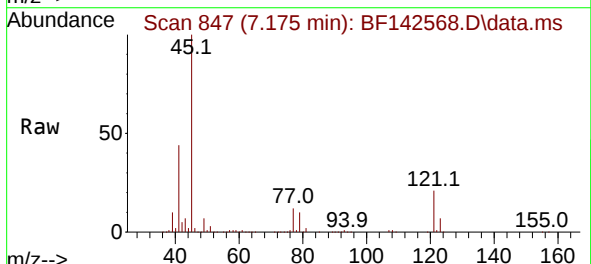
Instrument :
BNA_F
ClientSampleId :
PB168211BS

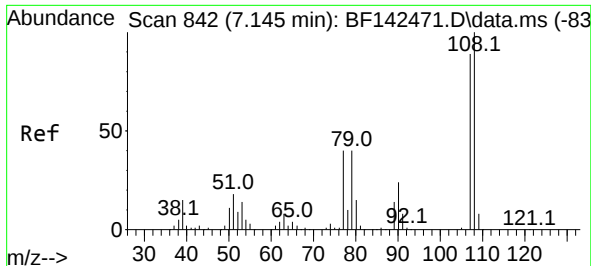
Tgt Ion: 79 Resp: 276133
Ion Ratio Lower Upper
79 100
108 79.6 62.1 93.1
77 61.4 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.378 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion: 45 Resp: 478931
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.7 0.0 29.2

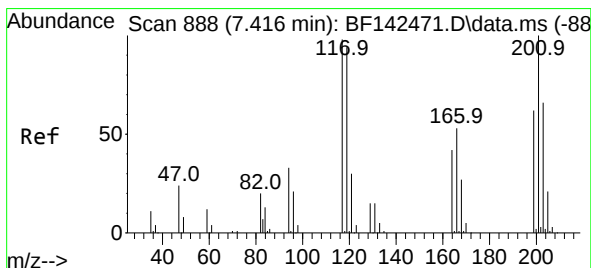
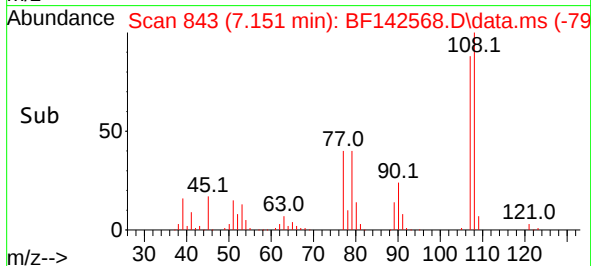
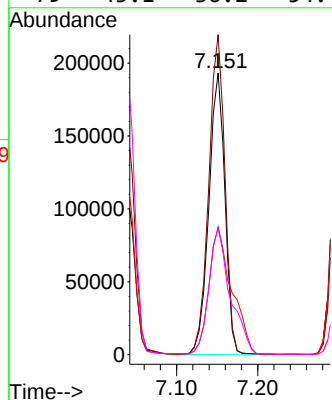
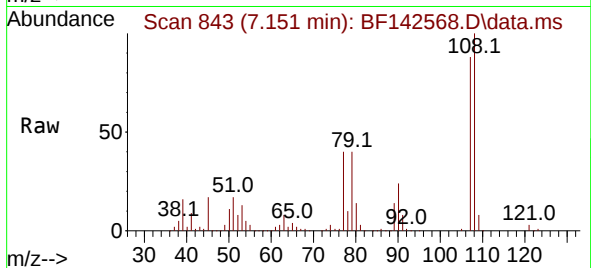




#17
2-Methylphenol
Concen: 43.034 ng
RT: 7.151 min Scan# 842
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

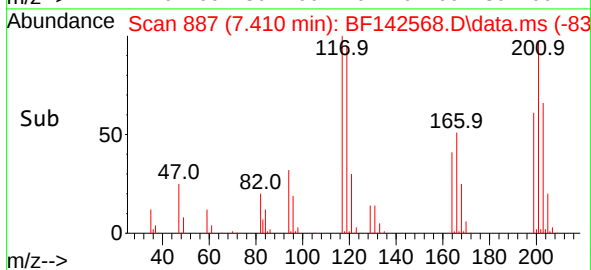
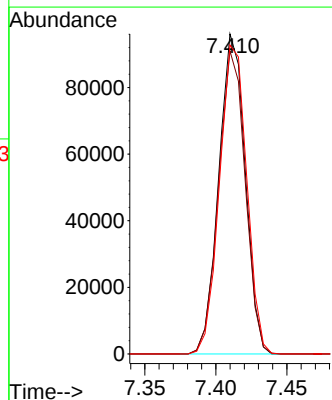
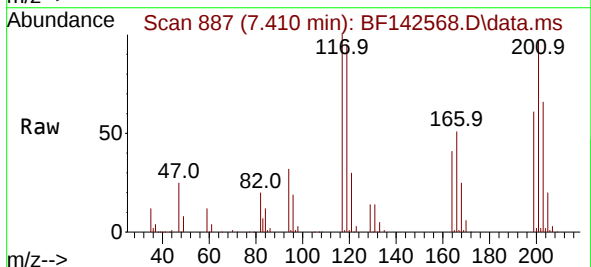
Instrument :
BNA_F
ClientSampleId :
PB168211BS

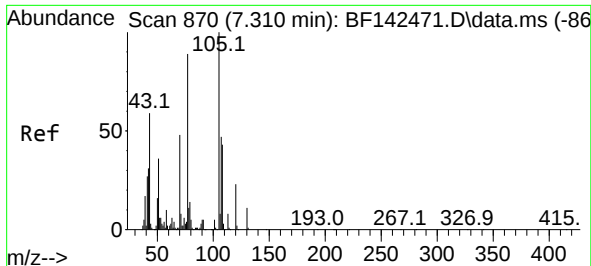
Tgt Ion:107 Resp: 265099
Ion Ratio Lower Upper
107 100
108 113.7 90.2 135.2
77 45.4 36.1 54.1
79 45.1 36.2 54.4



#18
Hexachloroethane
Concen: 40.175 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:117 Resp: 124413
Ion Ratio Lower Upper
117 100
119 94.7 76.6 114.8
201 96.6 81.3 121.9



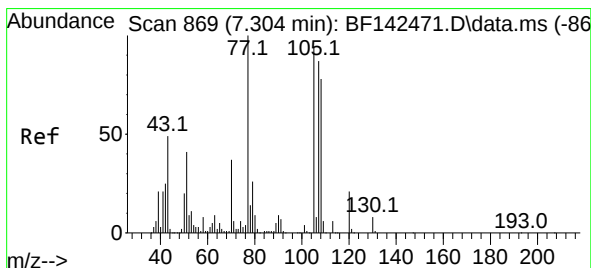
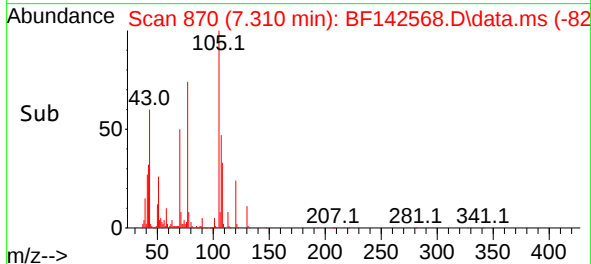
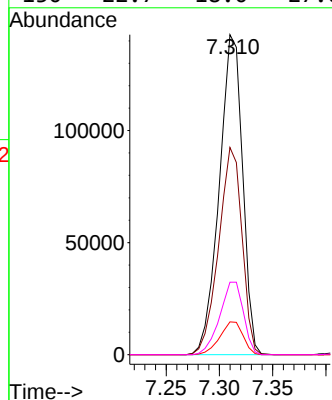
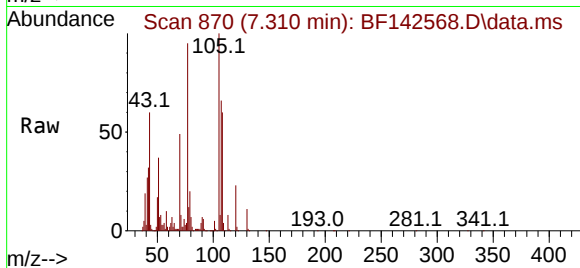


#19
n-Nitroso-di-n-propylamine
Concen: 40.112 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Instrument :
BNA_F
ClientSampleId :
PB168211BS

Tgt Ion: 70 Resp: 216777

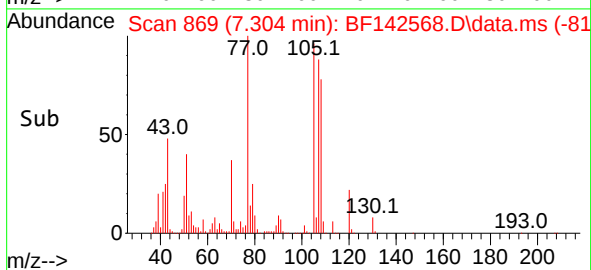
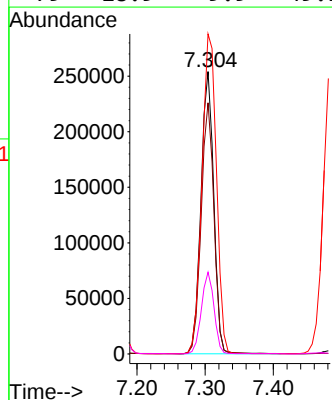
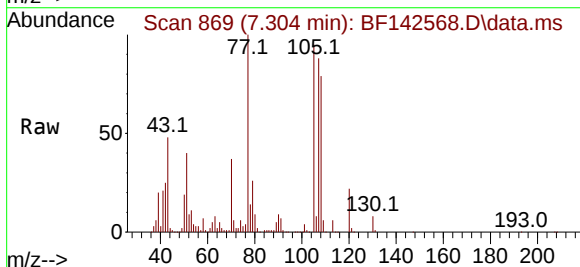
Ion	Ratio	Lower	Upper
70	100		
42	64.8	52.4	78.6
101	10.3	7.8	11.8
130	22.7	18.0	27.0

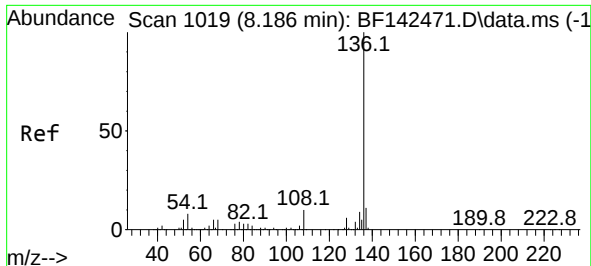


#20
3+4-Methylphenols
Concen: 42.003 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion: 107 Resp: 331352

Ion	Ratio	Lower	Upper
107	100		
108	88.9	70.4	110.4
77	113.3	95.4	135.4
79	28.9	9.9	49.9

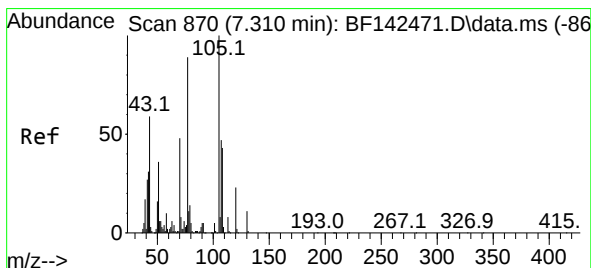
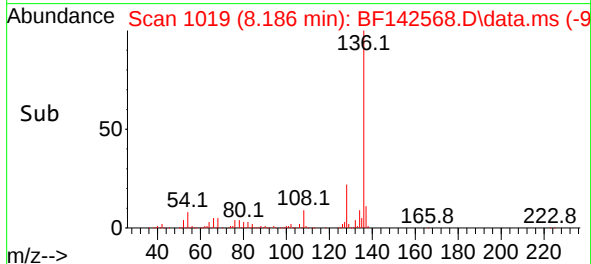
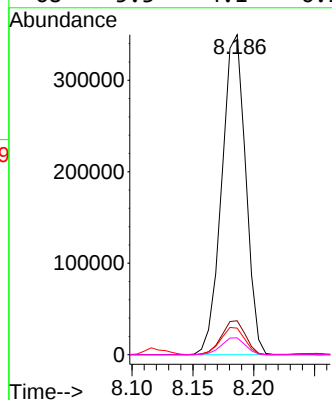
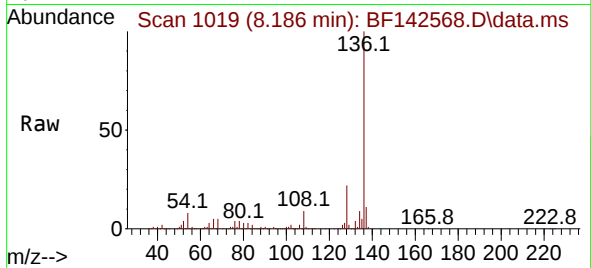




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

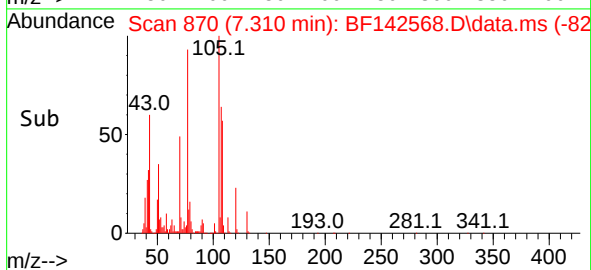
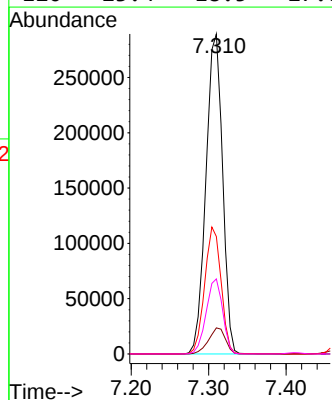
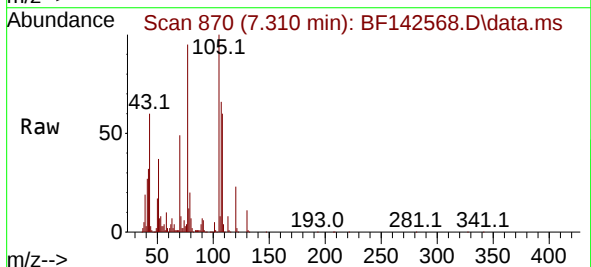
Instrument :
BNA_F
ClientSampleId :
PB168211BS

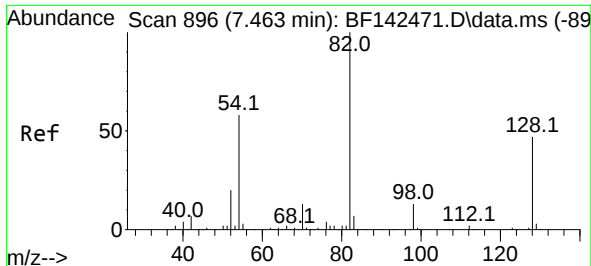
Tgt Ion:136 Resp: 476655
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.3 6.6 10.0
68 5.3 4.1 6.1



#22
Acetophenone
Concen: 40.851 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:105 Resp: 431045
Ion Ratio Lower Upper
105 100
71 8.2 6.4 9.6
51 36.7 28.6 42.8
120 23.4 18.5 27.7

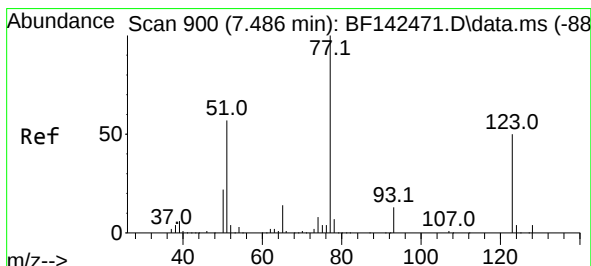
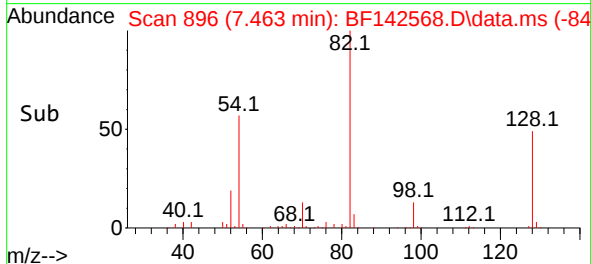
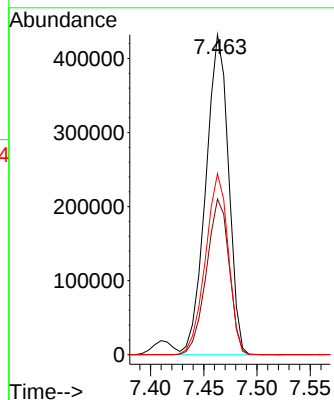
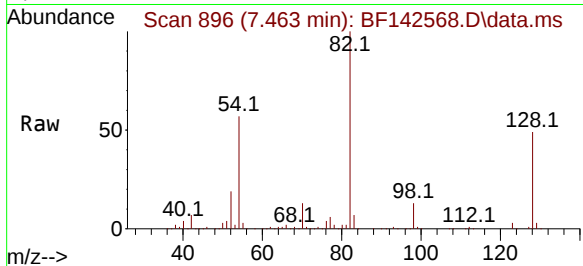




#23
 Nitrobenzene-d5
 Concen: 73.309 ng
 RT: 7.463 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BF142568.D
 Acq: 30 May 2025 14:18

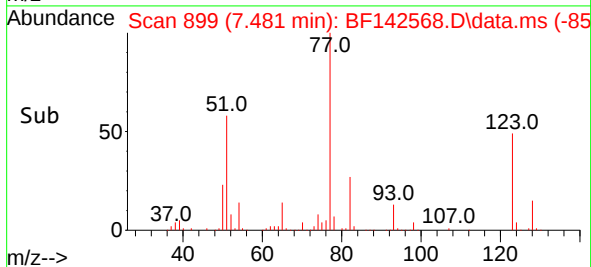
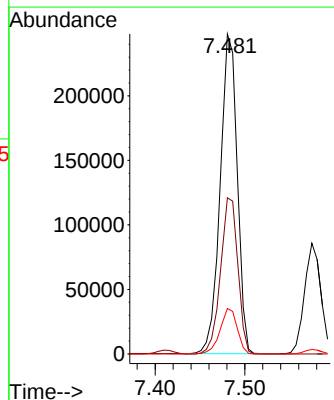
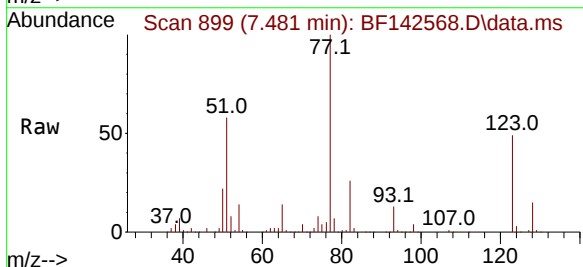
Instrument :
 BNA_F
 ClientSampleId :
 PB168211BS

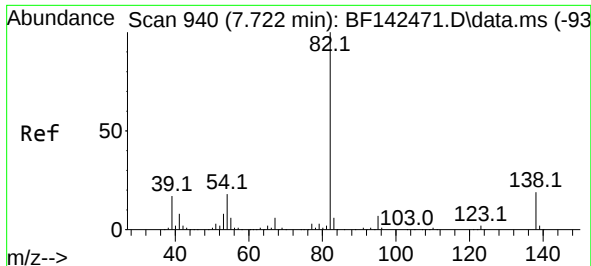
Tgt Ion: 82 Resp: 640818
 Ion Ratio Lower Upper
 82 100
 128 48.7 37.4 56.2
 54 56.6 46.6 70.0



#24
 Nitrobenzene
 Concen: 41.521 ng
 RT: 7.481 min Scan# 899
 Delta R.T. -0.012 min
 Lab File: BF142568.D
 Acq: 30 May 2025 14:18

Tgt Ion: 77 Resp: 327349
 Ion Ratio Lower Upper
 77 100
 123 48.8 40.6 61.0
 65 14.2 11.4 17.2

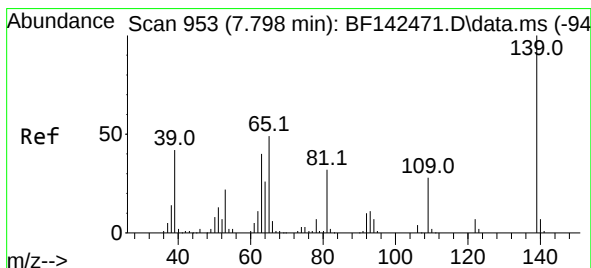
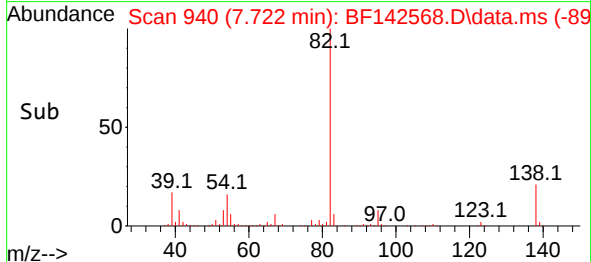
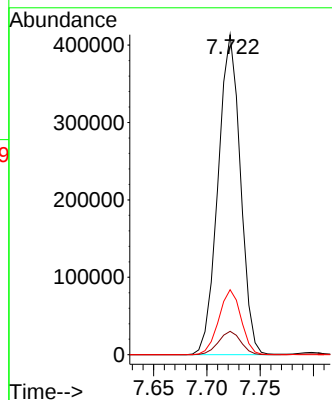
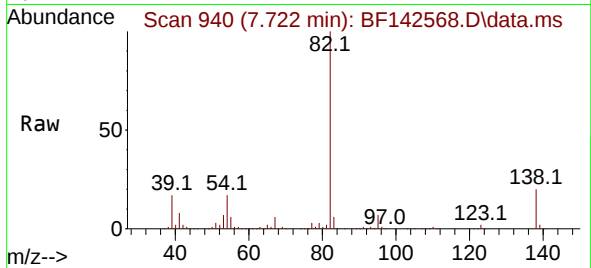




#25
Isophorone
Concen: 41.277 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

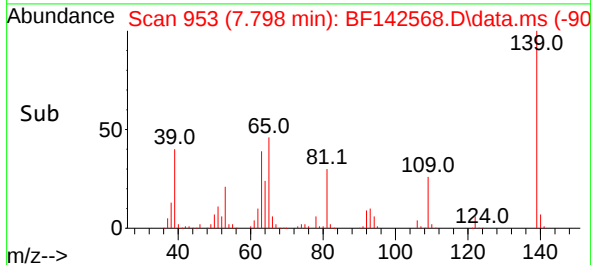
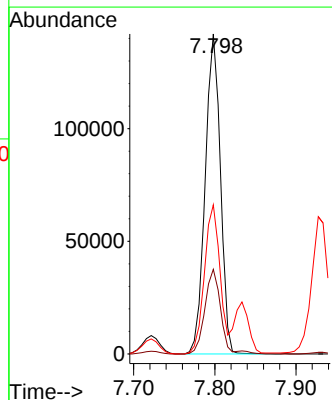
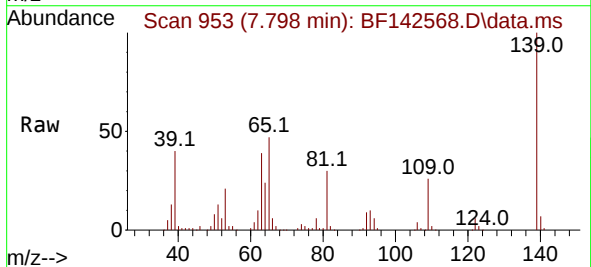
Instrument :
BNA_F
ClientSampleId :
PB168211BS

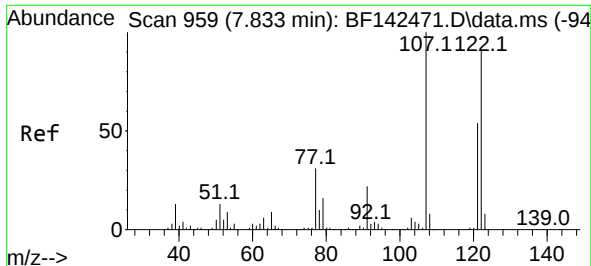
Tgt Ion: 82 Resp: 603262
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 20.3 15.5 23.3



#26
2-Nitrophenol
Concen: 43.800 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:139 Resp: 184515
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 46.6 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.997 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

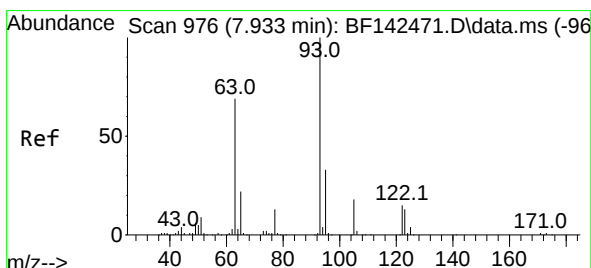
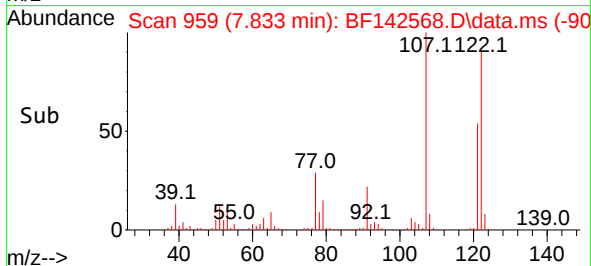
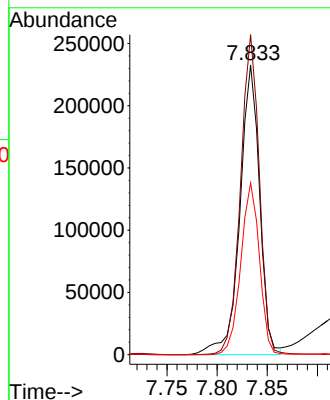
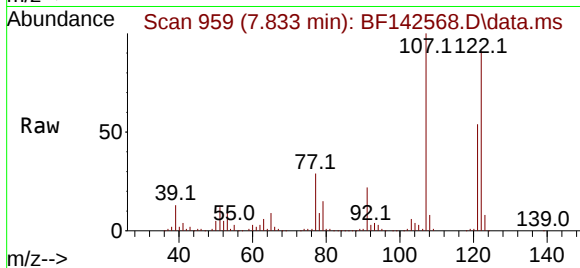
Tgt Ion:122 Resp: 319426

Ion Ratio Lower Upper

122 100

107 110.4 88.1 132.1

121 59.3 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.345 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

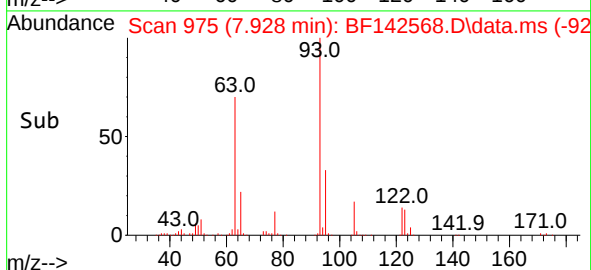
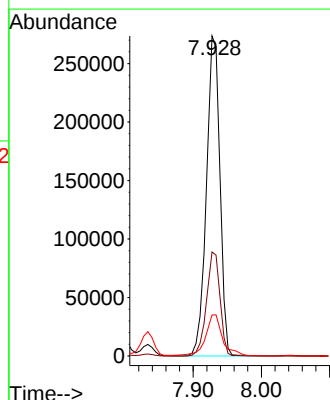
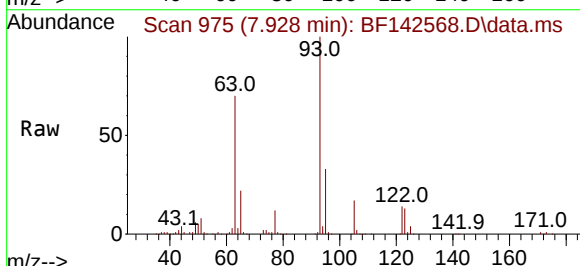
Tgt Ion: 93 Resp: 377464

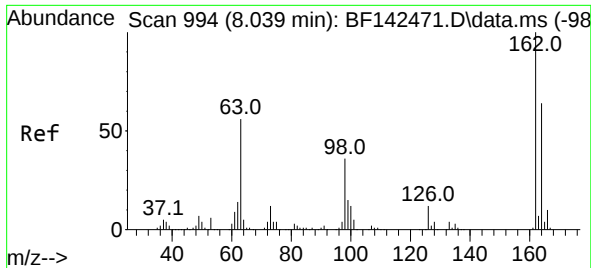
Ion Ratio Lower Upper

93 100

95 32.5 26.4 39.6

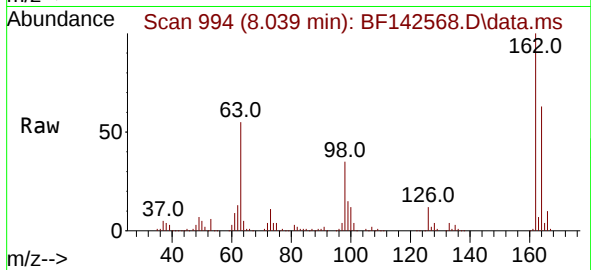
123 12.8 10.6 15.8



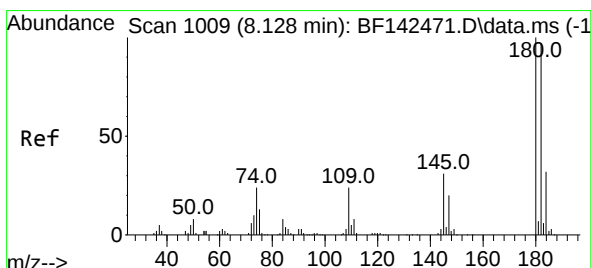
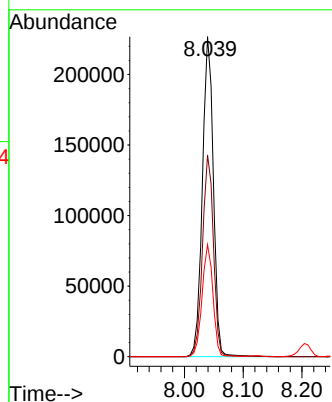
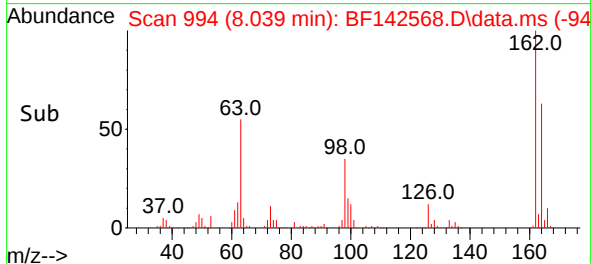


#29
2,4-Dichlorophenol
Concen: 43.541 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

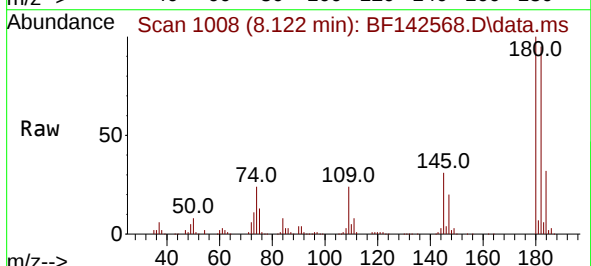
Instrument :
BNA_F
ClientSampleId :
PB168211BS



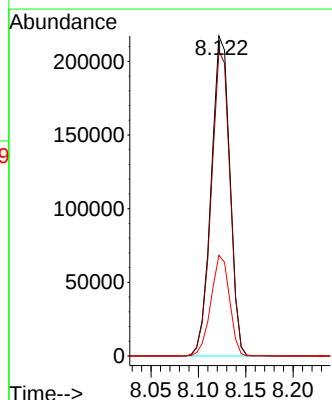
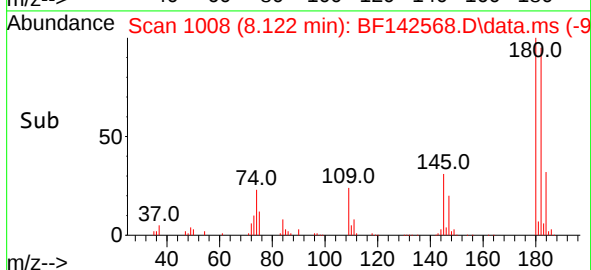
Tgt Ion:162 Resp: 294165
Ion Ratio Lower Upper
162 100
164 63.0 43.7 83.7
98 35.0 15.5 55.5

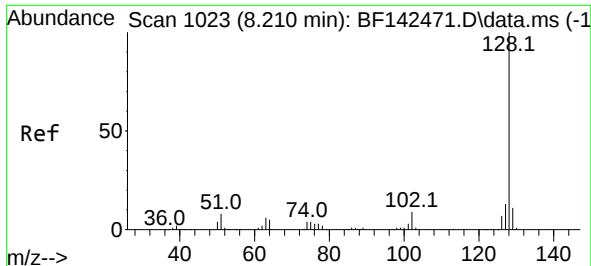


#30
1,2,4-Trichlorobenzene
Concen: 40.592 ng
RT: 8.122 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18



Tgt Ion:180 Resp: 297631
Ion Ratio Lower Upper
180 100
182 95.2 78.0 117.0
145 31.4 25.0 37.6

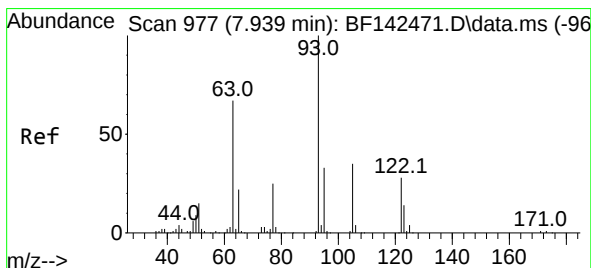
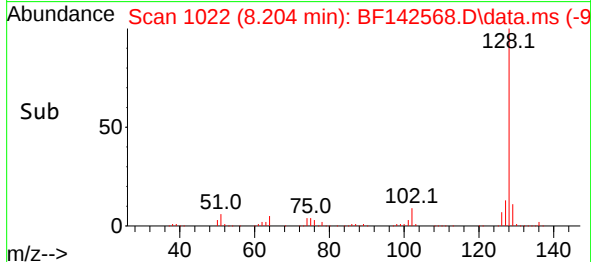
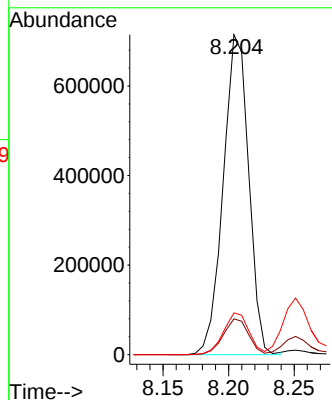
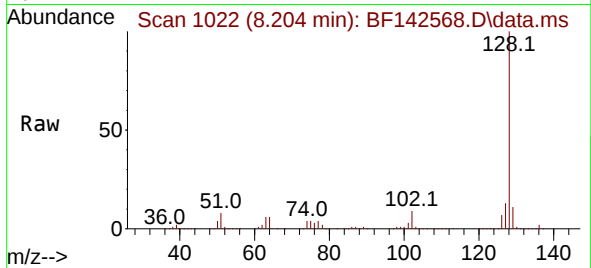




#31
Naphthalene
Concen: 41.074 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

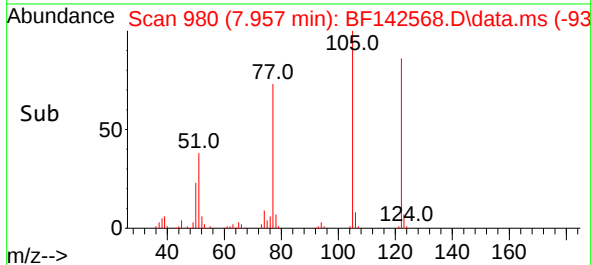
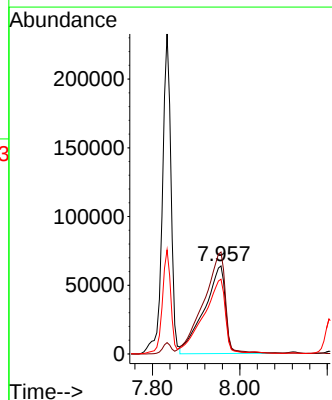
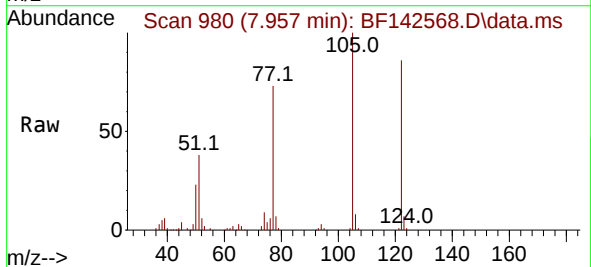
Instrument :
BNA_F
ClientSampleId :
PB168211BS

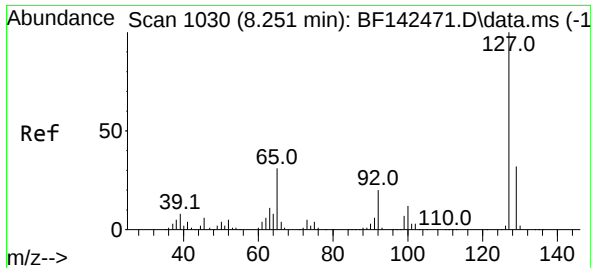
Tgt Ion:128 Resp: 964027
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 47.925 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.018 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:122 Resp: 216728
Ion Ratio Lower Upper
122 100
105 115.8 101.7 141.7
77 84.9 69.5 109.5

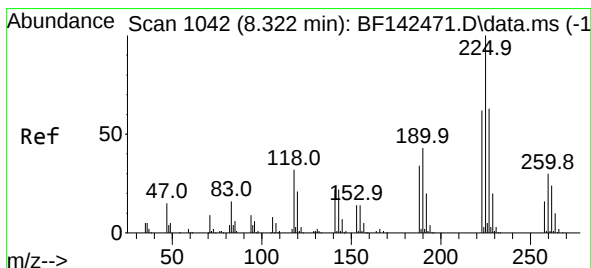
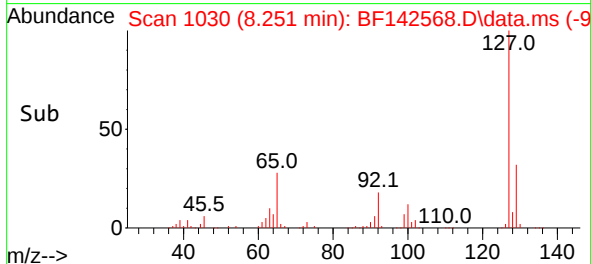
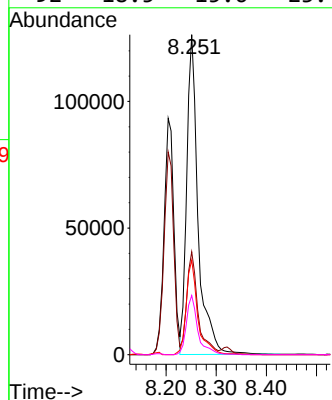
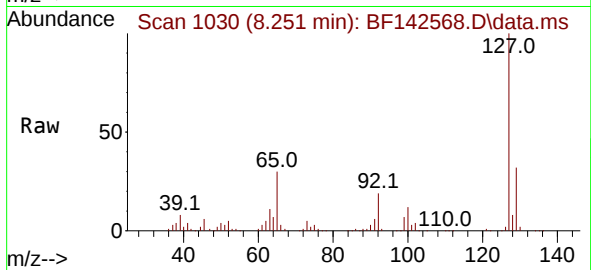




#33
4-Chloroaniline
Concen: 21.014 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

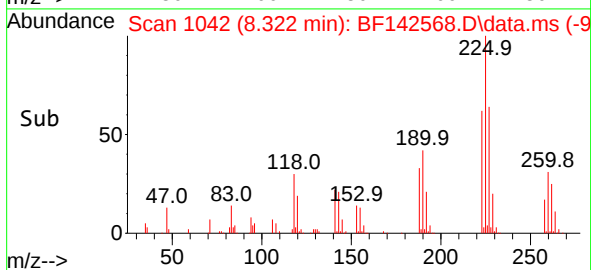
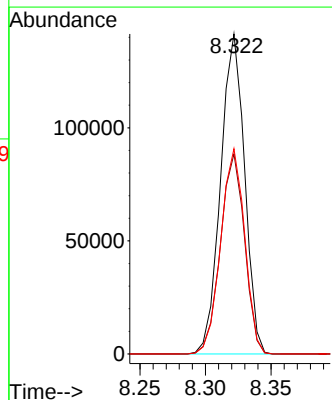
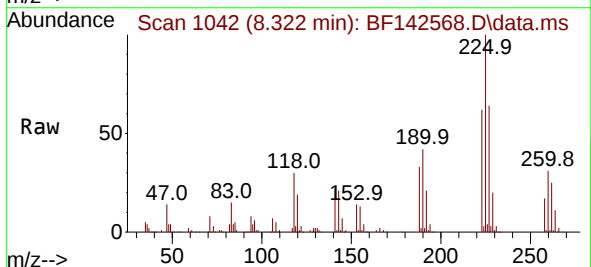
Instrument :
BNA_F
ClientSampleId :
PB168211BS

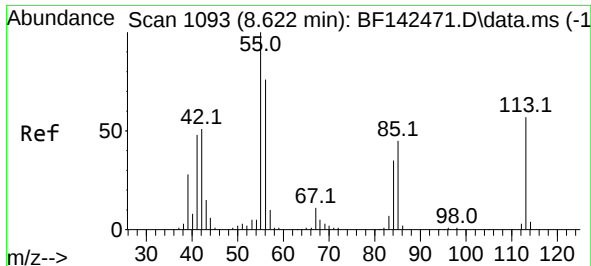
Tgt Ion:	127	Resp:	199850
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	29.6	24.9	37.3
92	18.5	15.6	23.4



#34
Hexachlorobutadiene
Concen: 39.221 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:	225	Resp:	179561
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.1	50.3	75.5

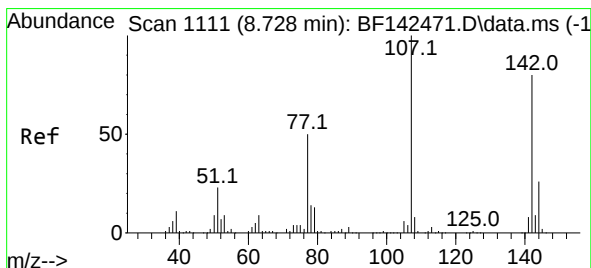
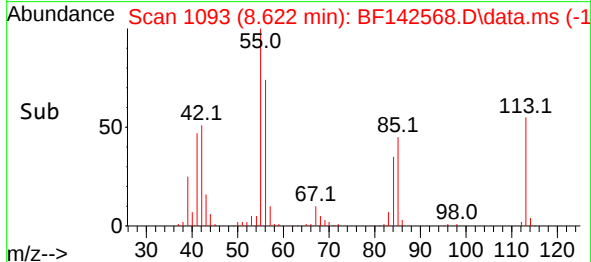
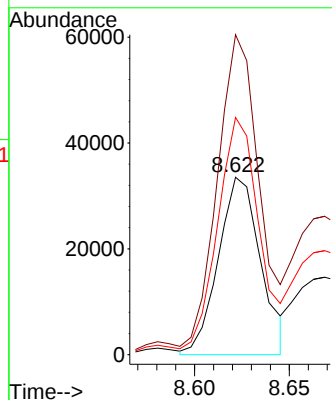
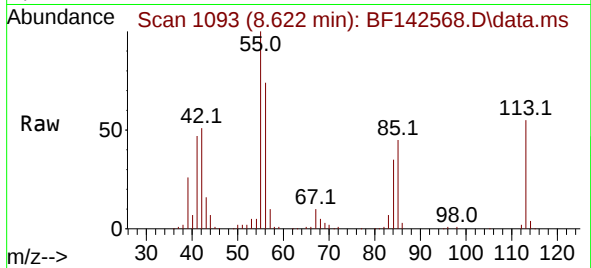




#35
Caprolactam
Concen: 27.381 ng
RT: 8.622 min Scan# 1093
Delta R.T. -0.024 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

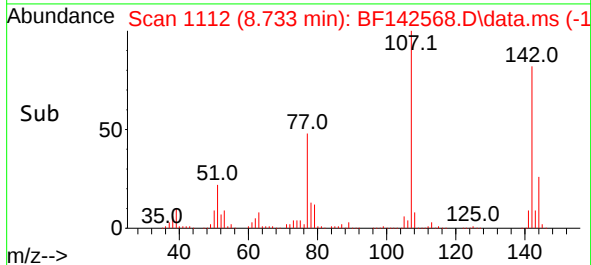
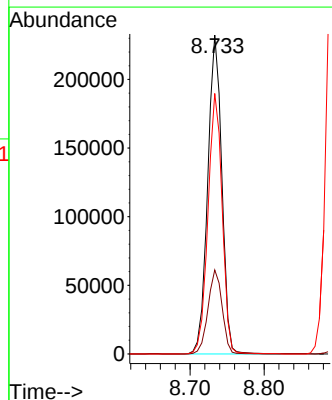
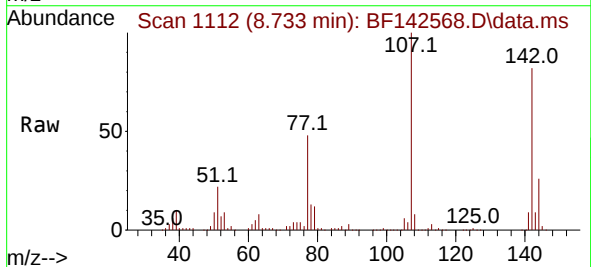
Instrument :
BNA_F
ClientSampleId :
PB168211BS

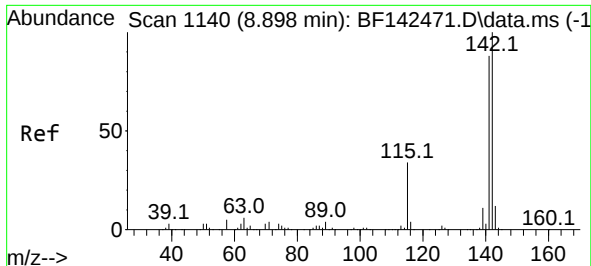
Tgt Ion:113 Resp: 51955
Ion Ratio Lower Upper
113 100
55 180.3 154.7 194.7
56 133.7 113.2 153.2



#36
4-Chloro-3-methylphenol
Concen: 44.413 ng
RT: 8.733 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:107 Resp: 307511
Ion Ratio Lower Upper
107 100
144 26.4 20.9 31.3
142 81.7 64.2 96.2

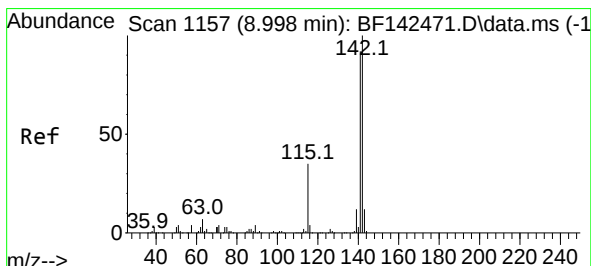
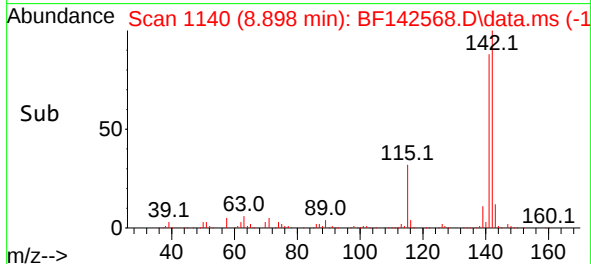
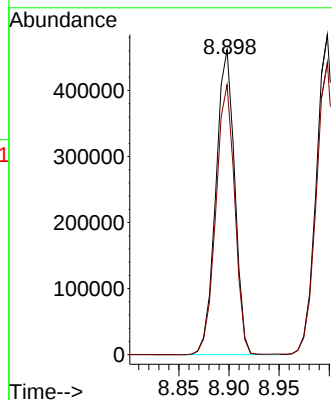
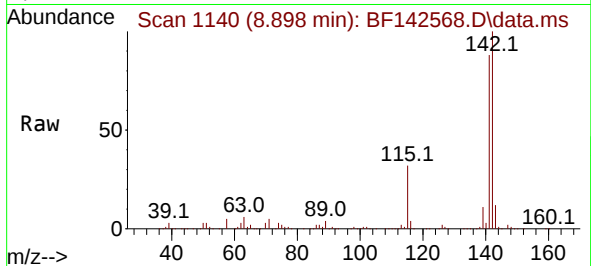




#37
2-Methylnaphthalene
Concen: 40.862 ng
RT: 8.898 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

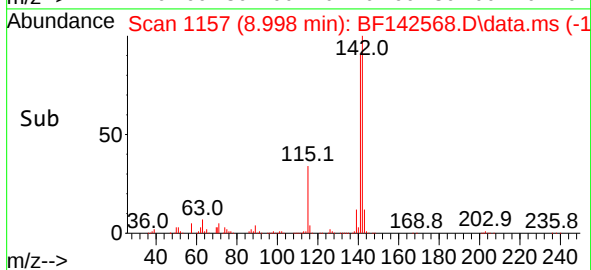
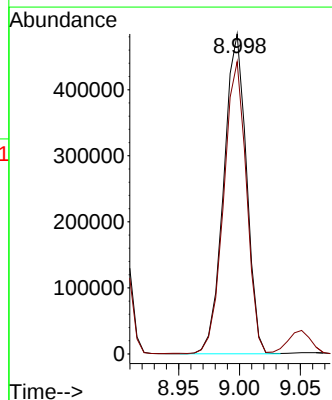
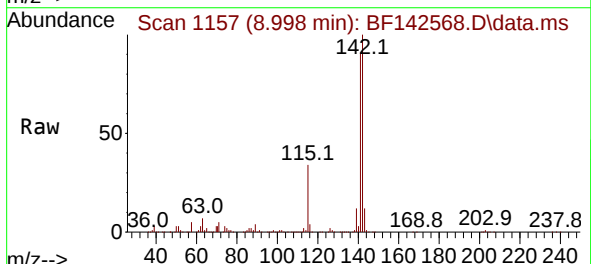
Instrument :
BNA_F
ClientSampleId :
PB168211BS

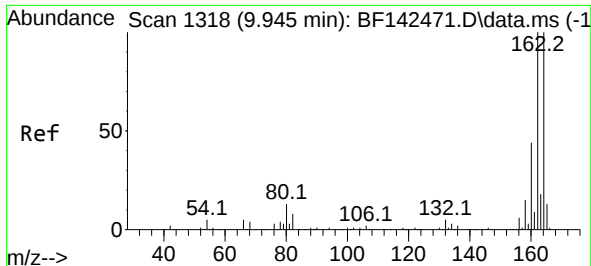
Tgt Ion:142 Resp: 603358
Ion Ratio Lower Upper
142 100
141 88.5 70.7 106.1



#38
1-Methylnaphthalene
Concen: 41.163 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:142 Resp: 628687
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF142568.D

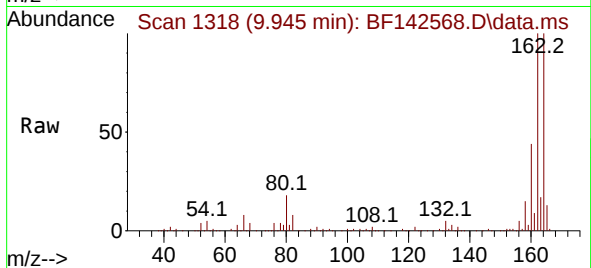
Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS



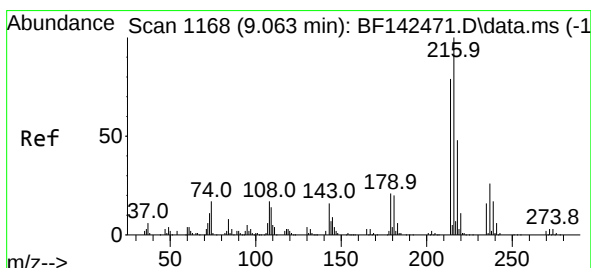
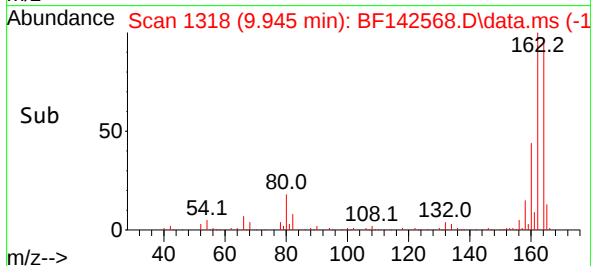
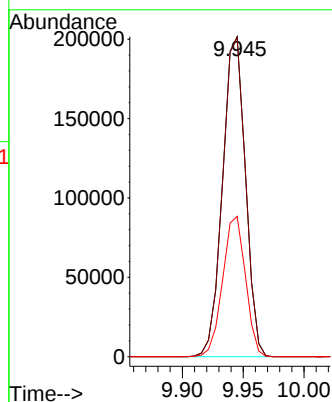
Tgt Ion:164 Resp: 264068

Ion Ratio Lower Upper

164 100

162 99.7 80.2 120.4

160 43.8 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.489 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Tgt Ion:216 Resp: 306920

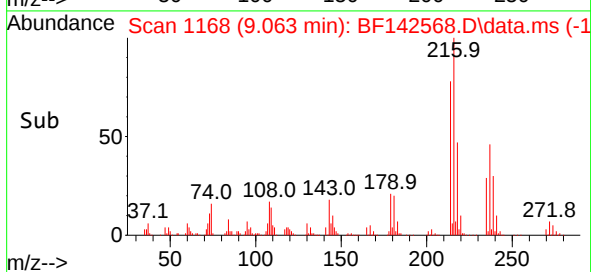
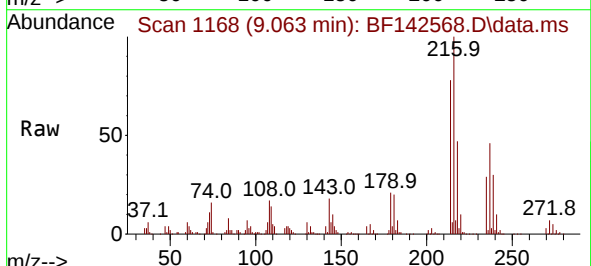
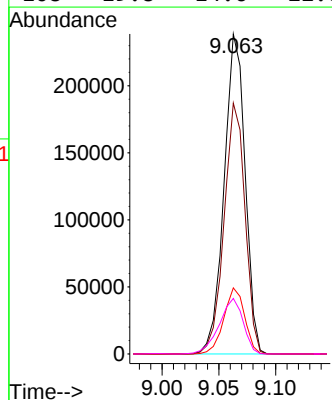
Ion Ratio Lower Upper

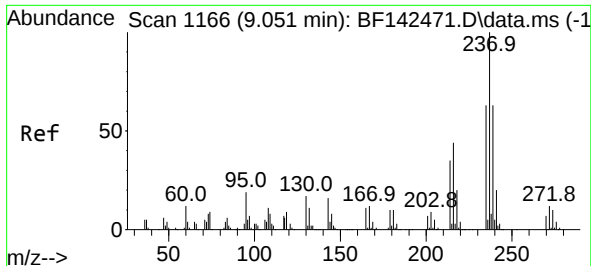
216 100

214 78.1 62.9 94.3

179 20.5 16.9 25.3

108 19.8 14.6 22.0

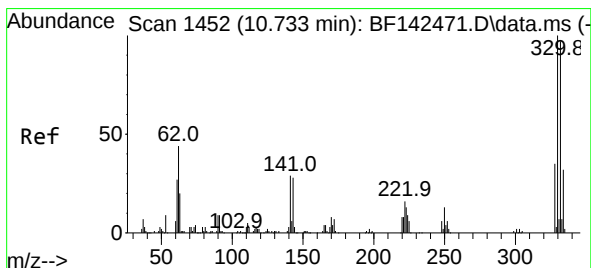
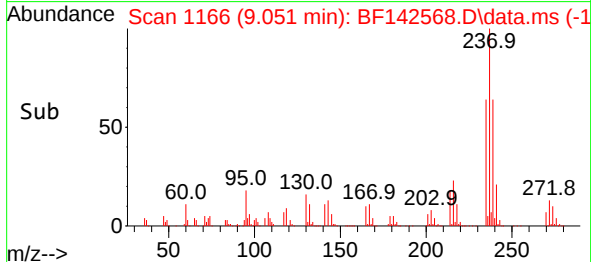
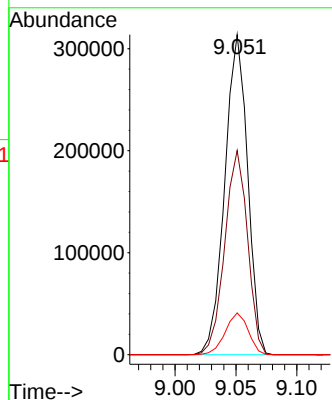
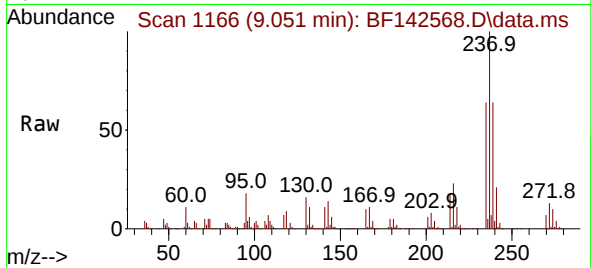




#41
Hexachlorocyclopentadiene
Concen: 80.059 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

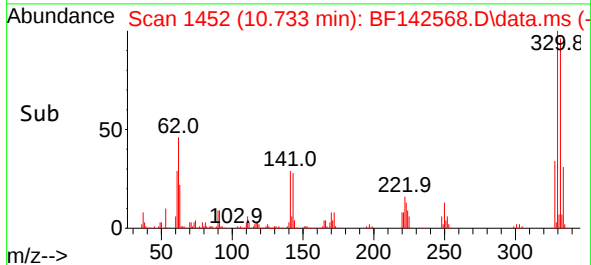
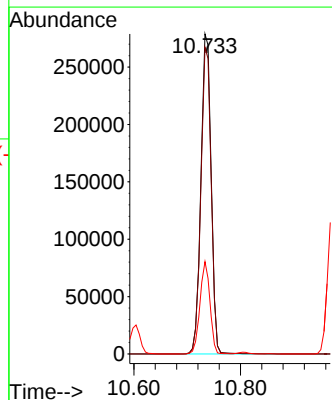
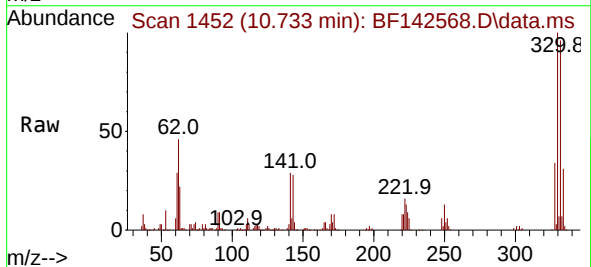
Instrument :
BNA_F
ClientSampleId :
PB168211BS

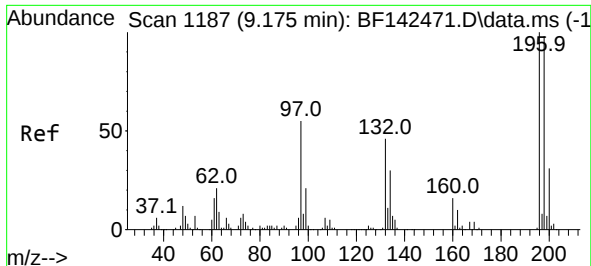
Tgt Ion:237 Resp: 409386
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 13.1 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 127.137 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:330 Resp: 372617
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 28.2 24.6 36.8

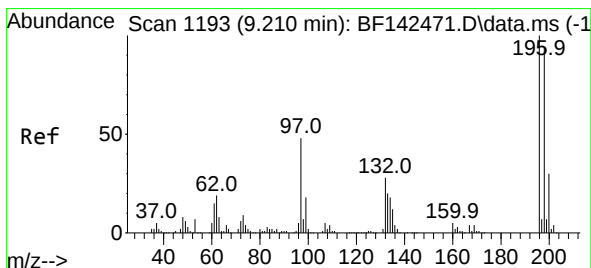
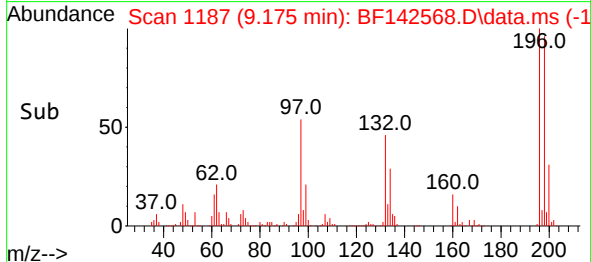
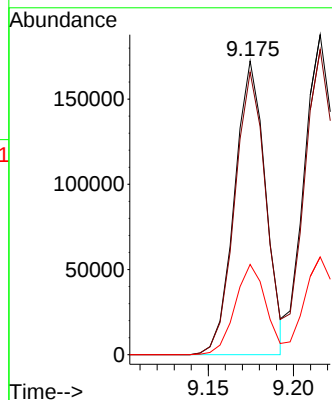
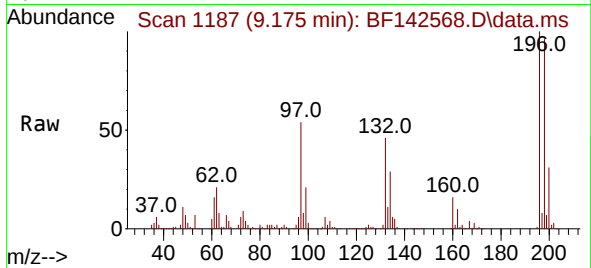




#43
2,4,6-Trichlorophenol
Concen: 42.680 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

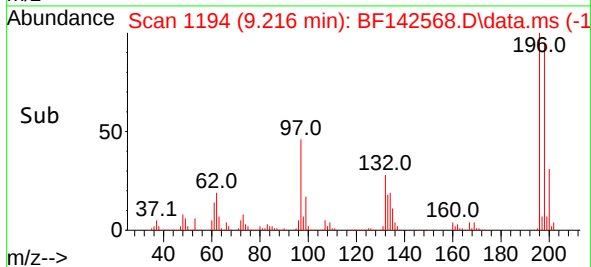
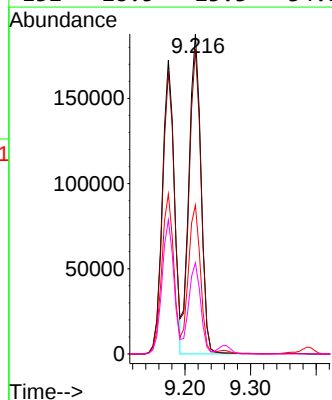
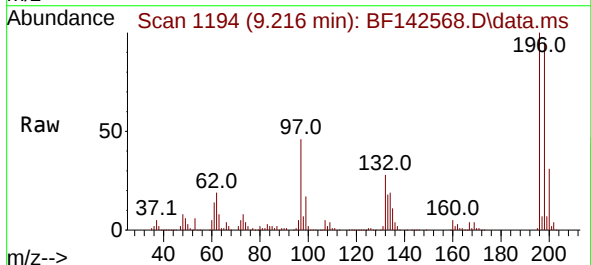
Instrument :
BNA_F
ClientSampleId :
PB168211BS

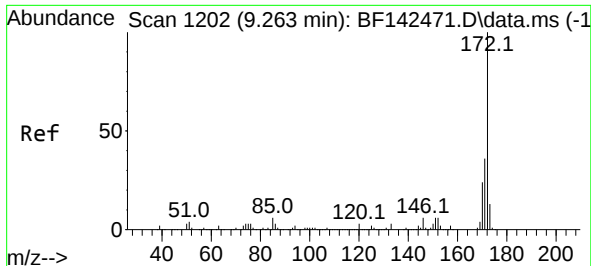
Tgt Ion:196 Resp: 218158
Ion Ratio Lower Upper
196 100
198 96.1 78.8 118.2
200 30.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 44.123 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:196 Resp: 237861
Ion Ratio Lower Upper
196 100
198 95.3 75.5 113.3
97 46.5 39.3 58.9
132 28.5 23.3 34.9

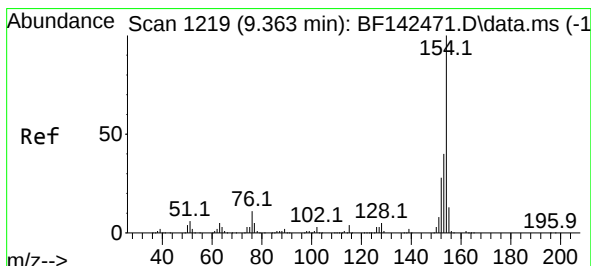
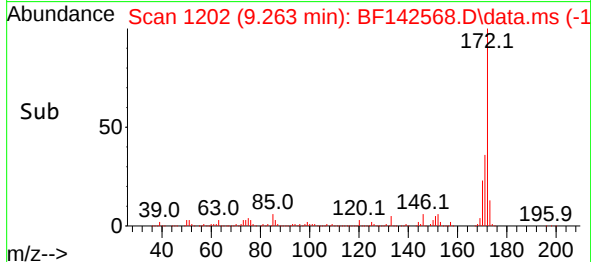
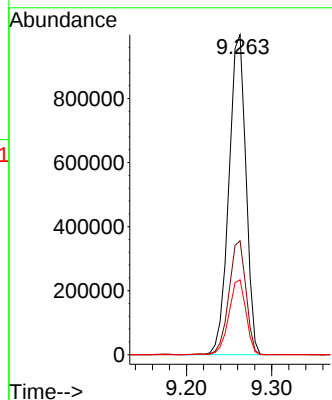
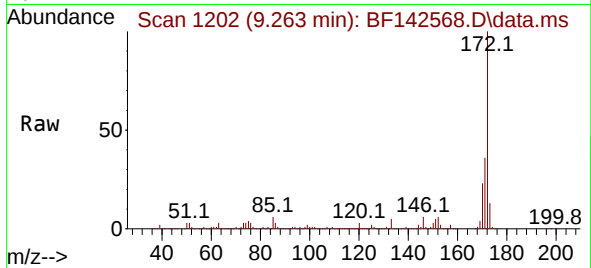




#45
2-Fluorobiphenyl
Concen: 70.484 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

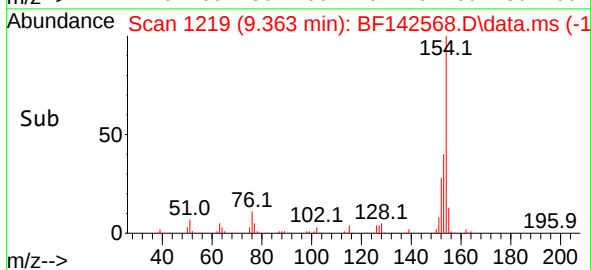
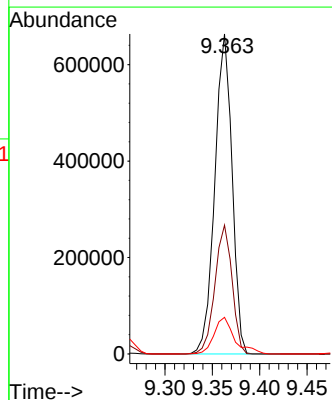
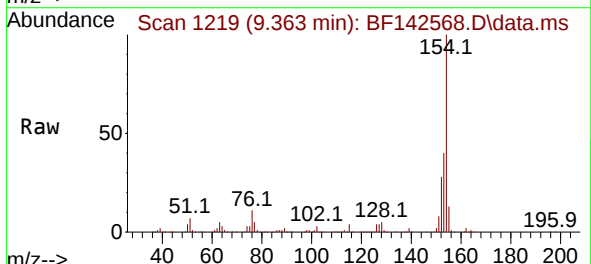
Instrument :
BNA_F
ClientSampleId :
PB168211BS

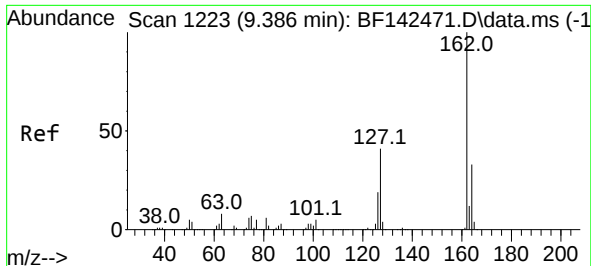
Tgt Ion:172 Resp: 1387067
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 40.941 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

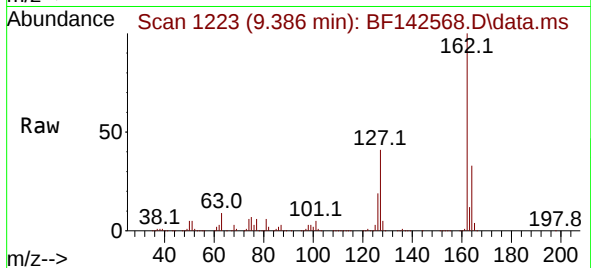
Tgt Ion:154 Resp: 838760
Ion Ratio Lower Upper
154 100
153 40.3 20.4 60.4
76 11.5 0.0 30.8



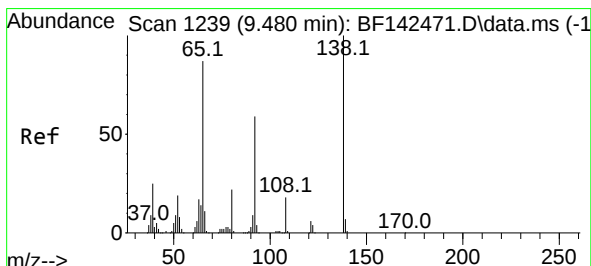
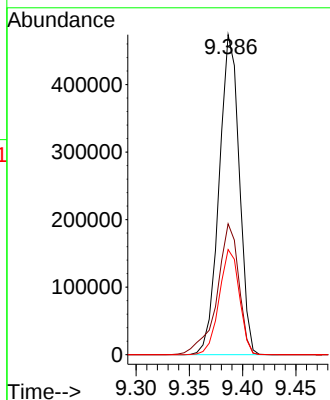
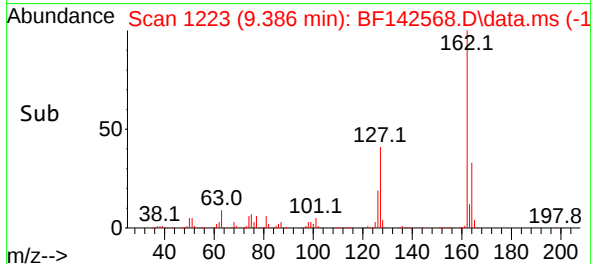


#47
2-Chloronaphthalene
Concen: 41.077 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

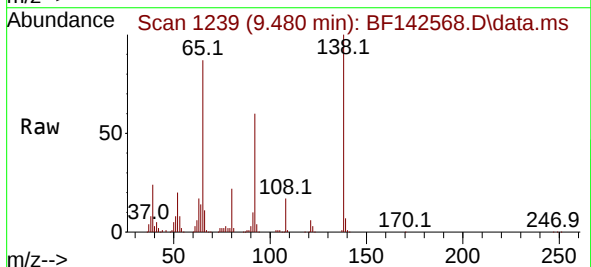
Instrument :
BNA_F
ClientSampleId :
PB168211BS



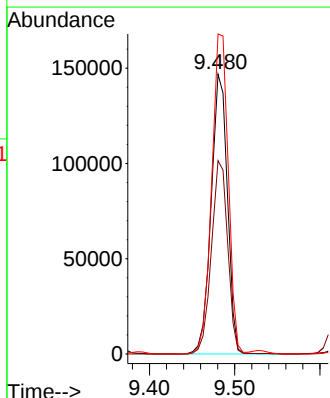
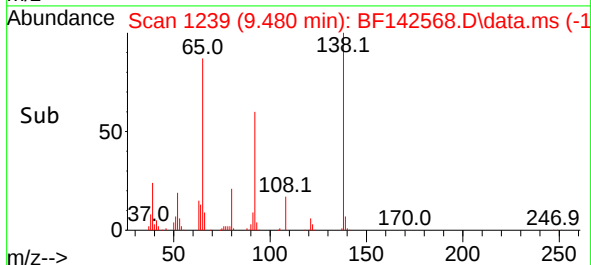
Tgt Ion:162 Resp: 621764
Ion Ratio Lower Upper
162 100
127 40.9 33.5 50.3
164 32.9 26.1 39.1

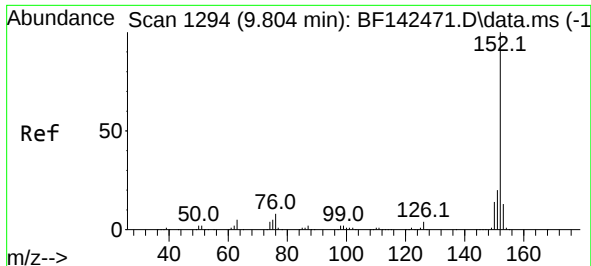


#48
2-Nitroaniline
Concen: 44.570 ng
RT: 9.480 min Scan# 1239
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18



Tgt Ion: 65 Resp: 194996
Ion Ratio Lower Upper
65 100
92 69.1 54.4 81.6
138 114.4 91.4 137.2





#49

Acenaphthylene

Concen: 42.174 ng

RT: 9.804 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

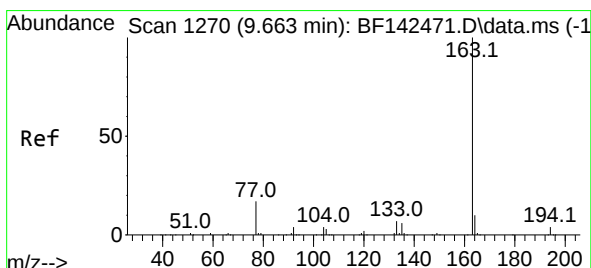
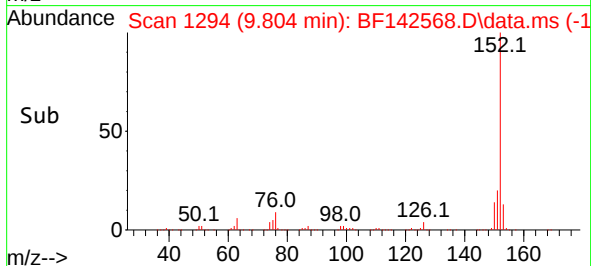
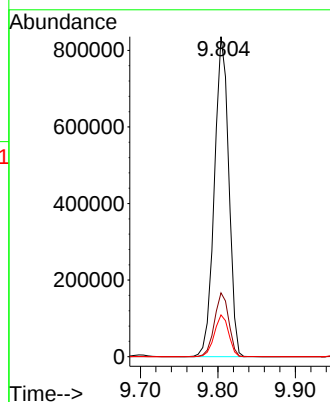
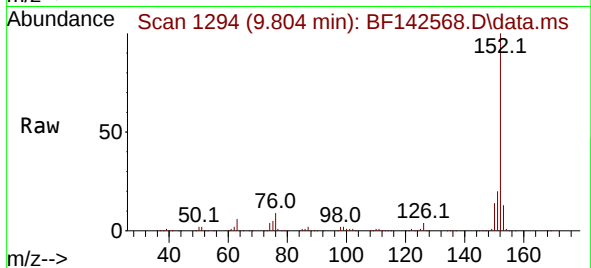
Tgt Ion:152 Resp: 1077928

Ion Ratio Lower Upper

152 100

151 19.9 15.8 23.8

153 13.0 10.6 15.8



#50

Dimethylphthalate

Concen: 44.030 ng

RT: 9.663 min Scan# 1270

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

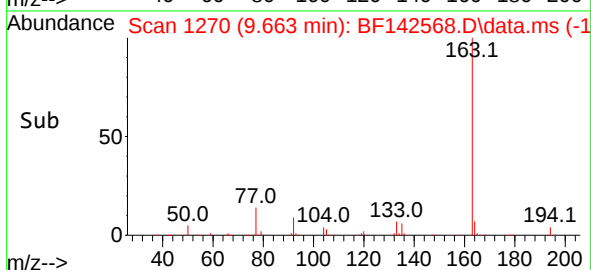
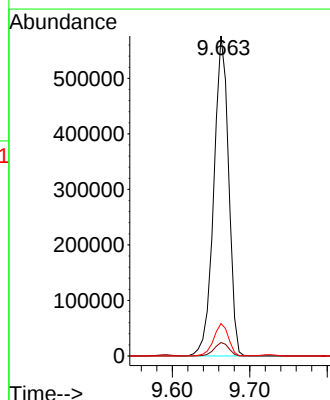
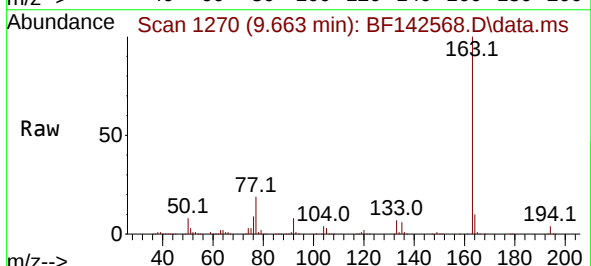
Tgt Ion:163 Resp: 767183

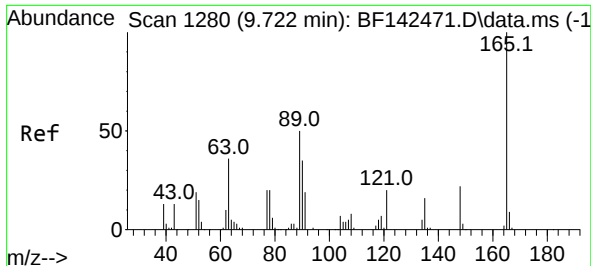
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.2 12.4

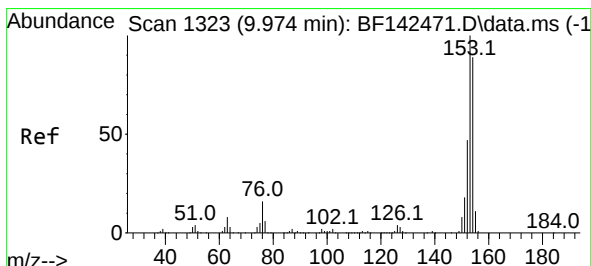
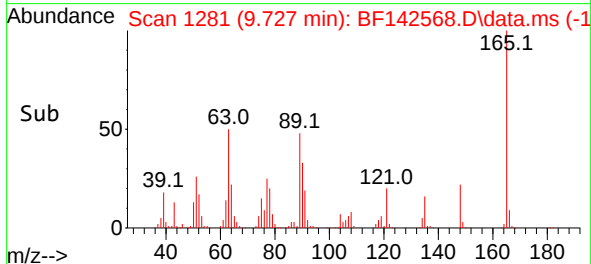
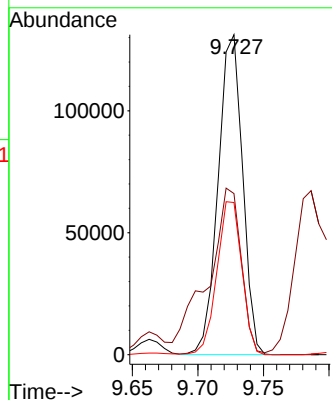
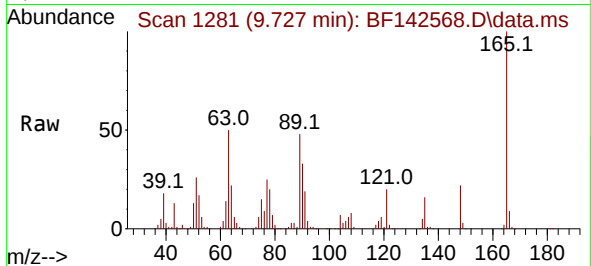




#51
2,6-Dinitrotoluene
Concen: 45.269 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

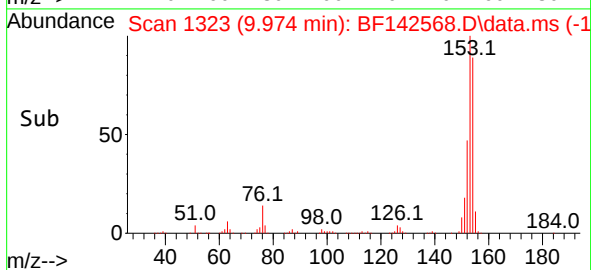
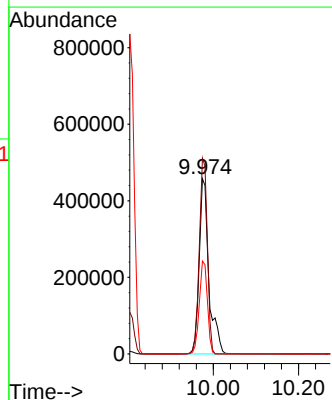
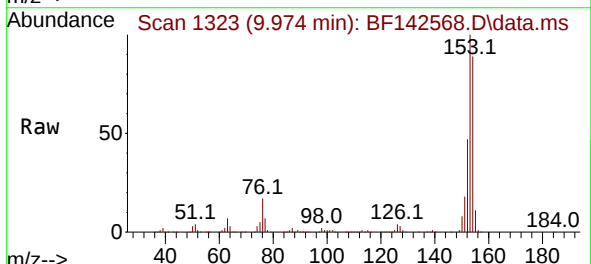
Instrument :
BNA_F
ClientSampleId :
PB168211BS

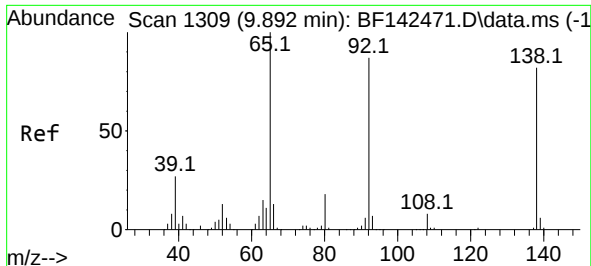
Tgt Ion:165 Resp: 170243
Ion Ratio Lower Upper
165 100
63 50.4 42.9 64.3
89 47.5 40.2 60.4



#52
Acenaphthene
Concen: 46.519 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:154 Resp: 726019
Ion Ratio Lower Upper
154 100
153 111.7 90.0 135.0
152 53.0 42.6 64.0

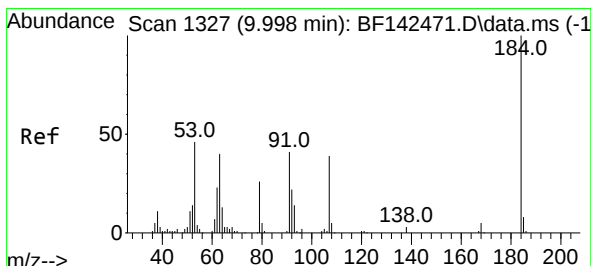
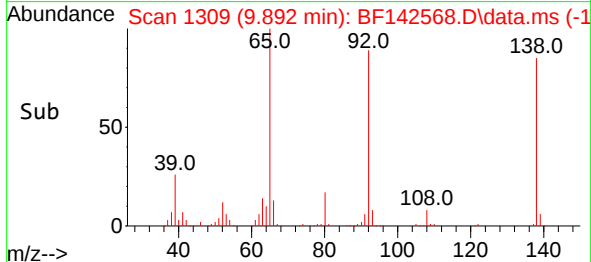
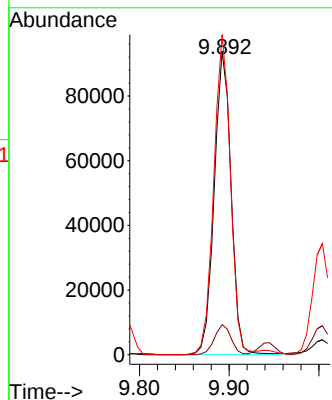
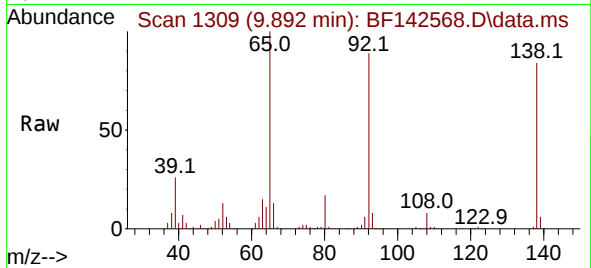




#53
3-Nitroaniline
Concen: 29.745 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

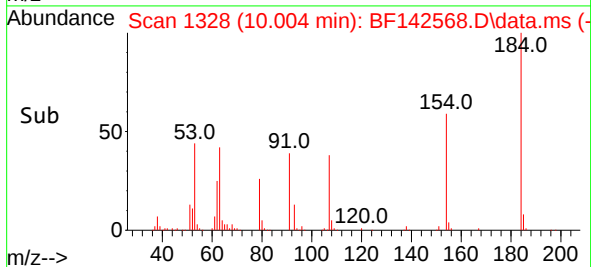
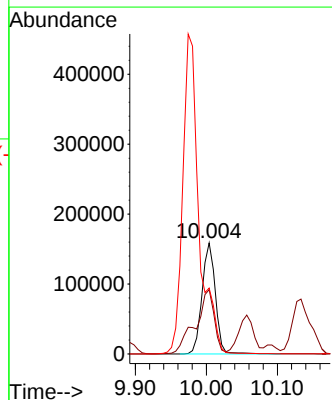
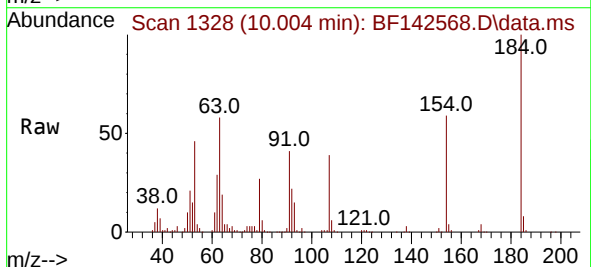
Instrument :
BNA_F
ClientSampleId :
PB168211BS

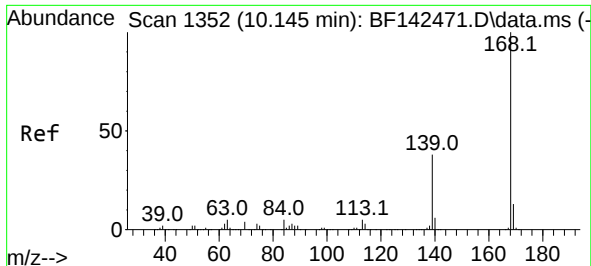
Tgt Ion:138 Resp: 122177
Ion Ratio Lower Upper
138 100
108 9.9 8.1 12.1
92 105.4 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 107.159 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:184 Resp: 208199
Ion Ratio Lower Upper
184 100
63 57.9 46.3 69.5
154 59.3 56.8 85.2

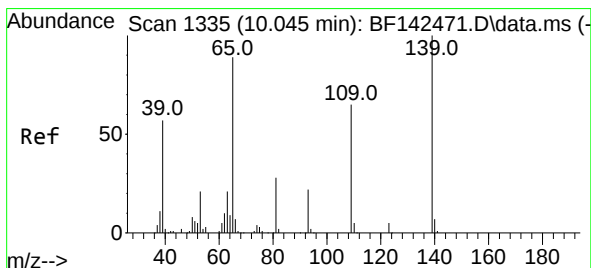
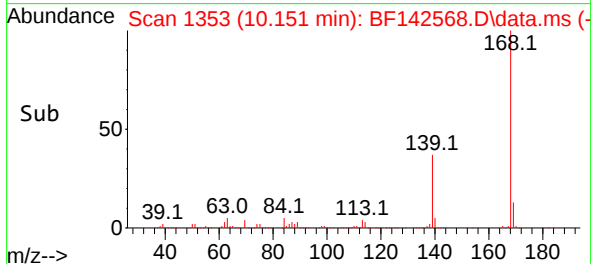
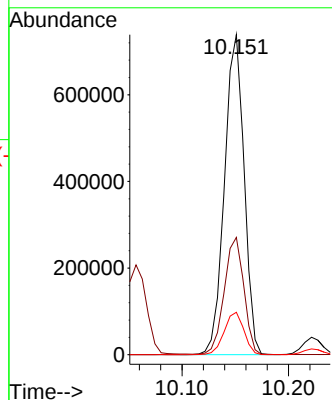
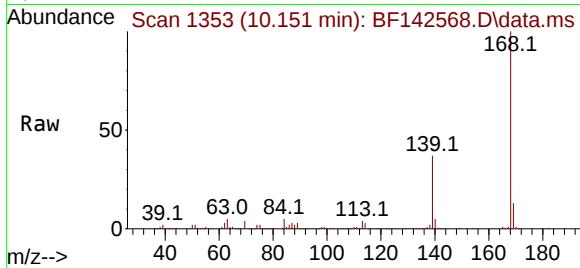




#55
Dibenzofuran
Concen: 41.990 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

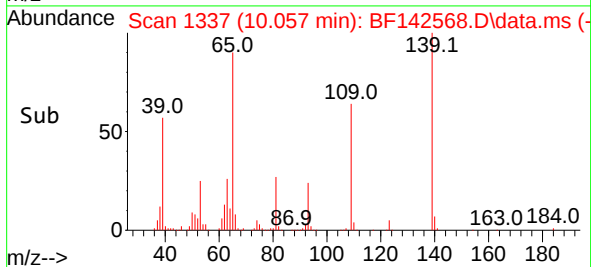
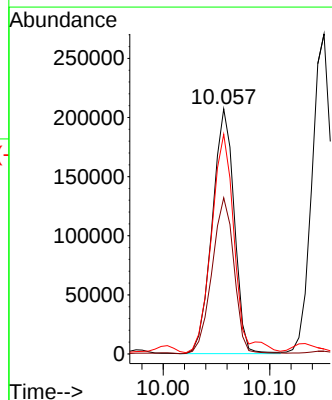
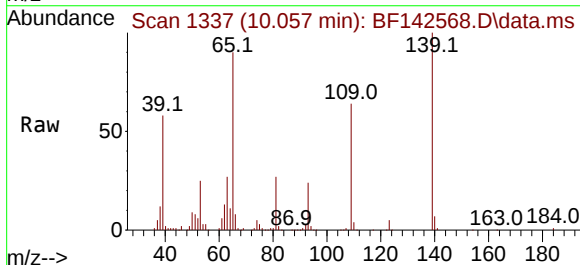
Instrument :
BNA_F
ClientSampleId :
PB168211BS

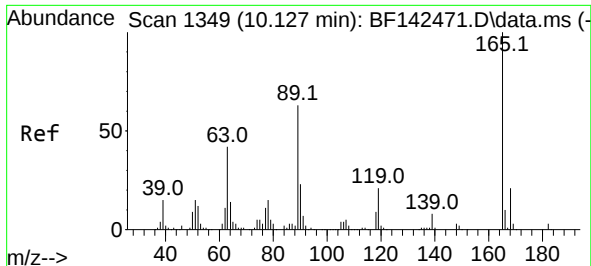
Tgt Ion:168 Resp: 943056
Ion Ratio Lower Upper
168 100
139 36.6 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 98.094 ng
RT: 10.057 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:139 Resp: 297298
Ion Ratio Lower Upper
139 100
109 63.7 45.1 85.1
65 89.6 69.7 109.7

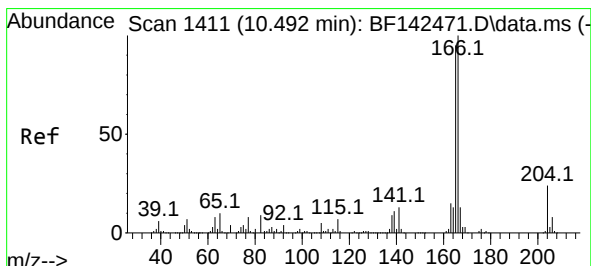
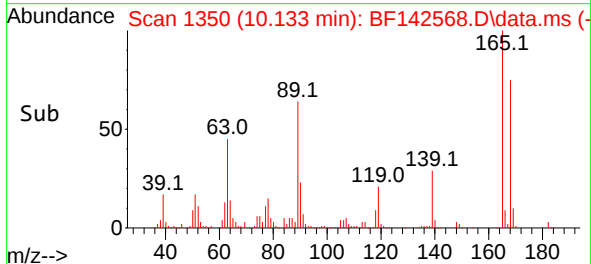
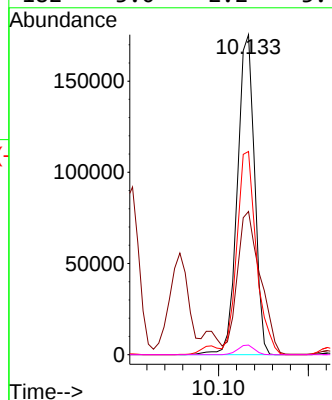
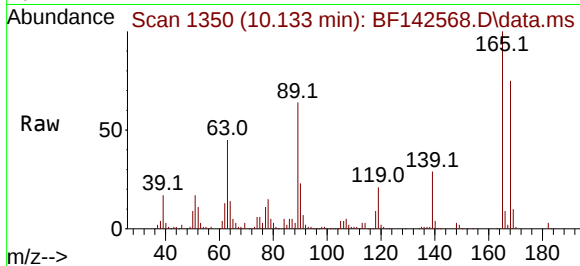




#57
2,4-Dinitrotoluene
Concen: 47.356 ng
RT: 10.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

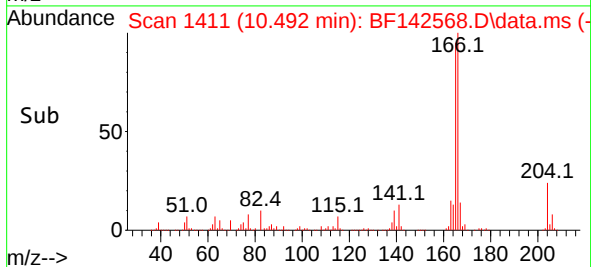
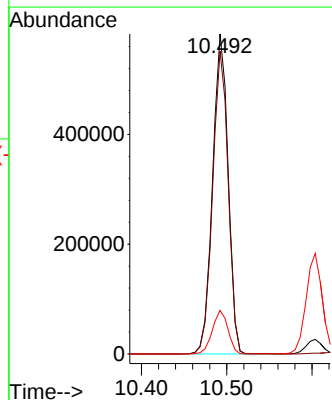
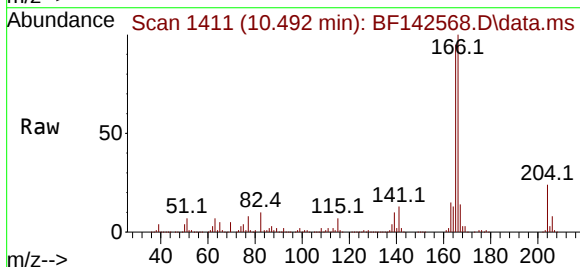
Instrument :
BNA_F
ClientSampleId :
PB168211BS

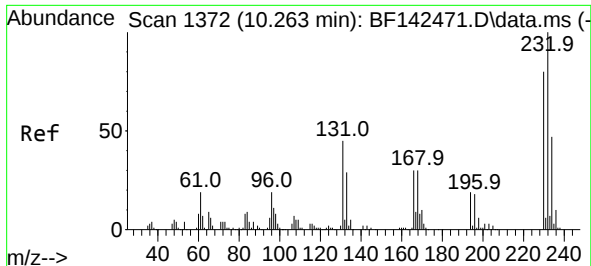
Tgt Ion:165 Resp: 232579
Ion Ratio Lower Upper
165 100
63 44.8 33.6 50.4
89 63.5 50.2 75.4
182 3.0 2.2 3.4



#58
Fluorene
Concen: 42.491 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:166 Resp: 737241
Ion Ratio Lower Upper
166 100
165 94.7 75.8 113.8
167 13.6 10.6 16.0

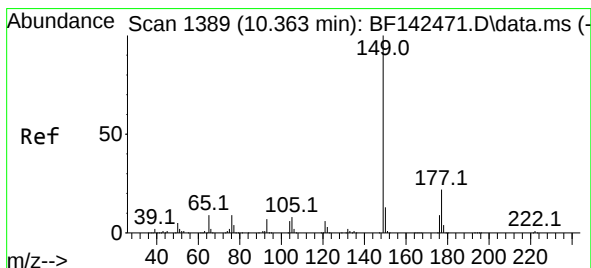
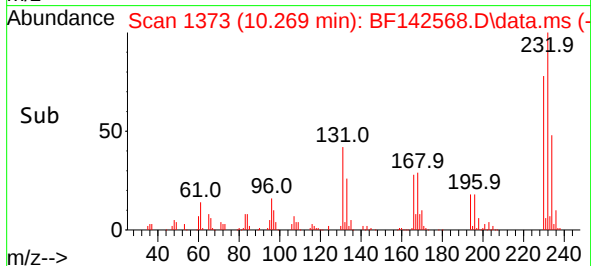
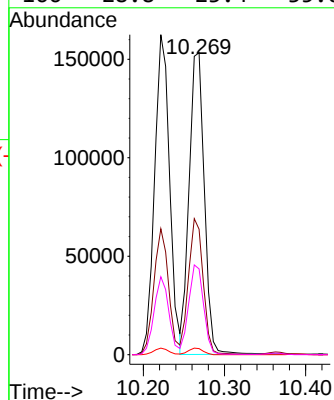
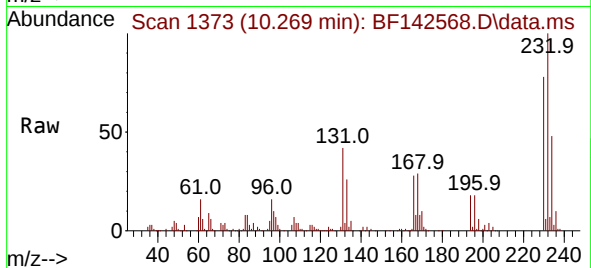




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.461 ng
RT: 10.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

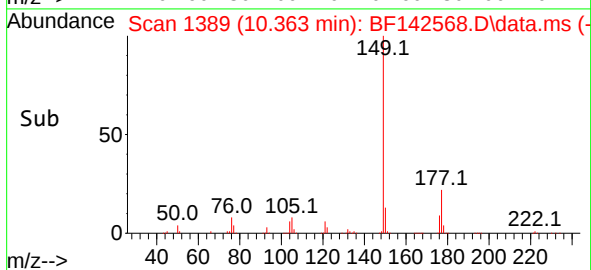
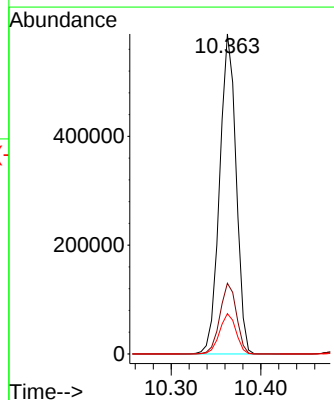
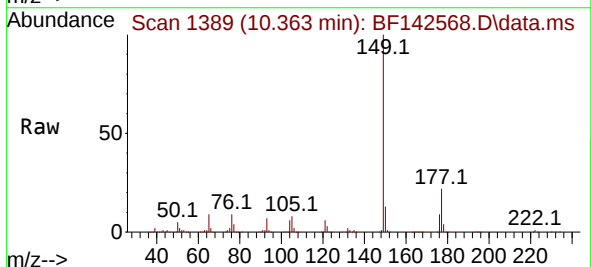
Instrument :
BNA_F
ClientSampleId :
PB168211BS

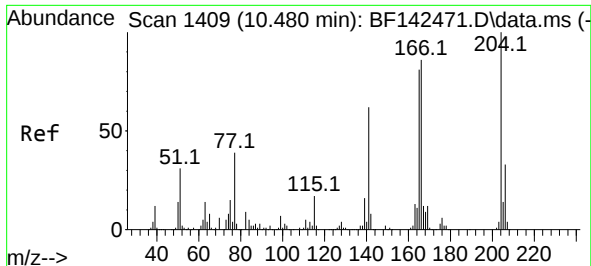
Tgt Ion:232 Resp: 200089
Ion Ratio Lower Upper
232 100
131 43.6 35.2 52.8
130 2.1 1.7 2.5
166 28.8 23.4 35.0



#60
Diethylphthalate
Concen: 44.116 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:149 Resp: 750725
Ion Ratio Lower Upper
149 100
177 22.1 17.6 26.4
150 12.6 10.1 15.1

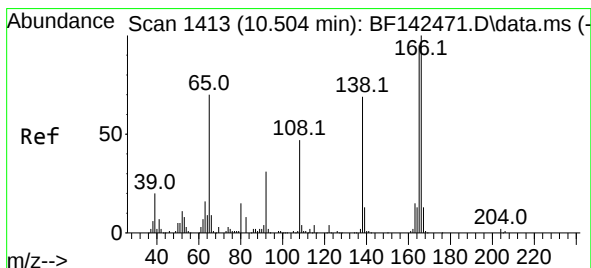
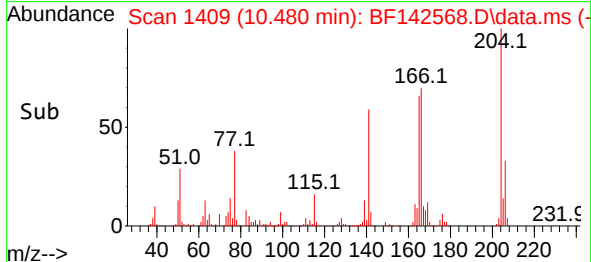
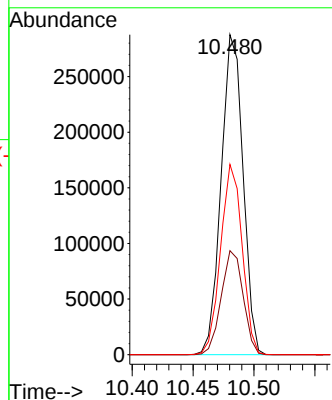
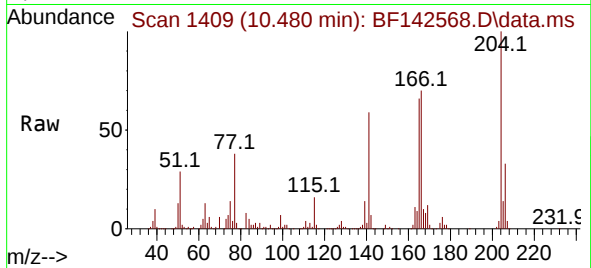




#61
4-Chlorophenyl-phenylether
Concen: 42.294 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

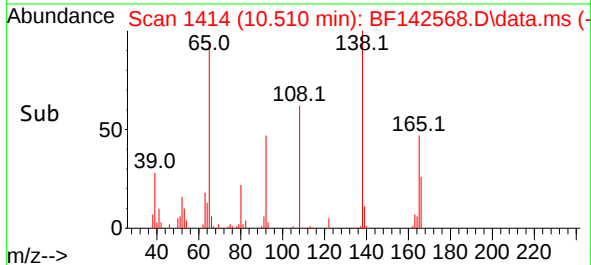
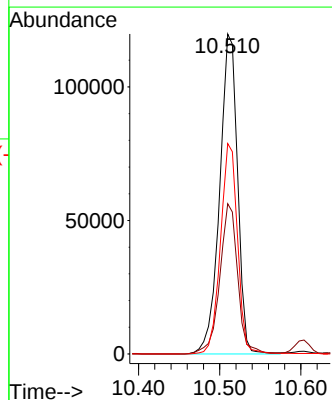
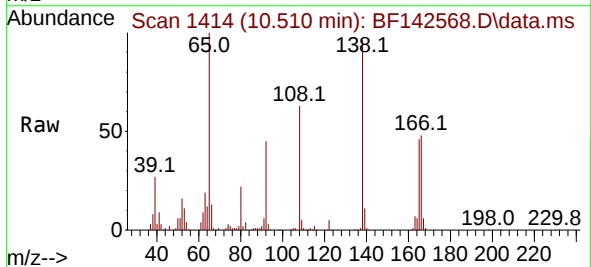
Instrument :
BNA_F
ClientSampleId :
PB168211BS

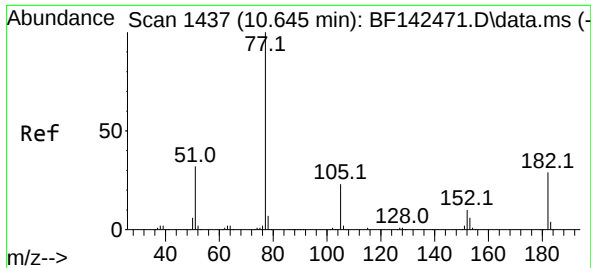
Tgt Ion:204 Resp: 360489
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.5 49.5 74.3



#62
4-Nitroaniline
Concen: 49.377 ng
RT: 10.510 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:138 Resp: 183943
Ion Ratio Lower Upper
138 100
92 47.0 26.0 66.0
108 65.7 48.4 88.4

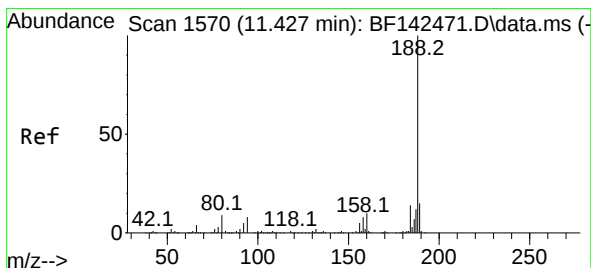
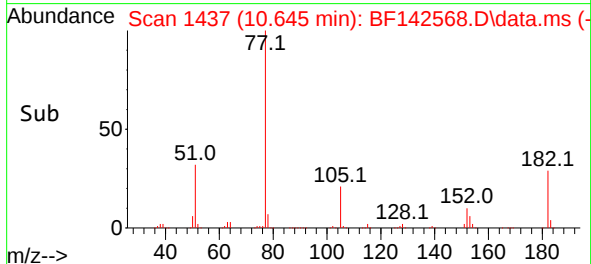
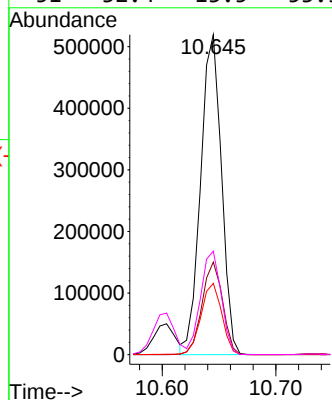
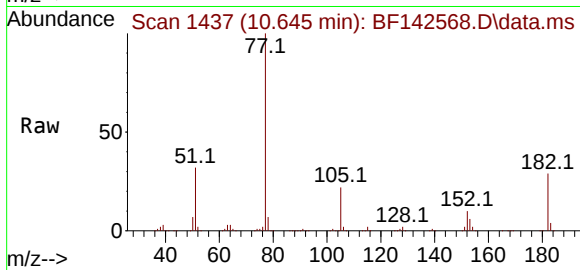




#63
 Azobenzene
 Concen: 43.257 ng
 RT: 10.645 min Scan# 1437
 Delta R.T. -0.000 min
 Lab File: BF142568.D
 Acq: 30 May 2025 14:18

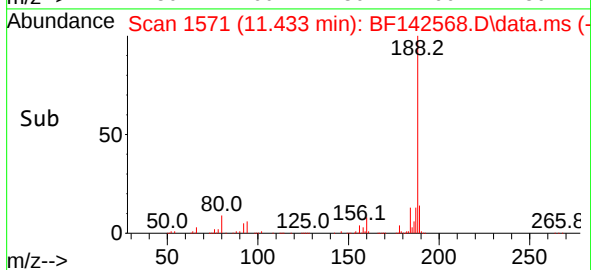
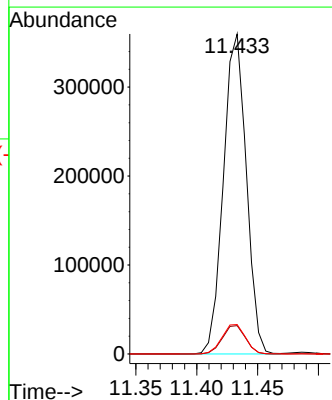
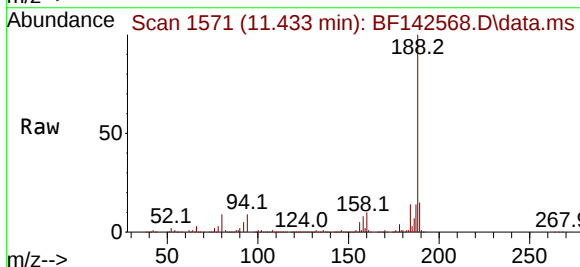
Instrument :
 BNA_F
 ClientSampleId :
 PB168211BS

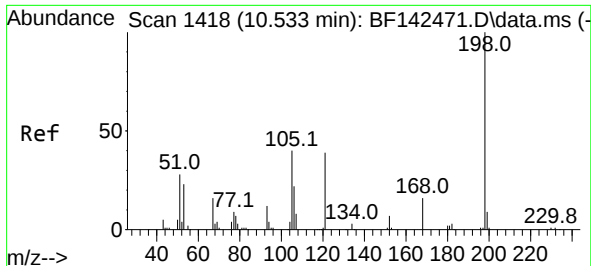
Tgt Ion: 77	Resp: 661165
Ion Ratio	Lower Upper
77 100	
182 29.0	9.0 49.0
105 22.3	2.4 42.4
51 32.4	13.5 53.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.433 min Scan# 1571
 Delta R.T. -0.000 min
 Lab File: BF142568.D
 Acq: 30 May 2025 14:18

Tgt Ion:188	Resp: 470473
Ion Ratio	Lower Upper
188 100	
94 8.9	6.6 10.0
80 9.2	7.4 11.0

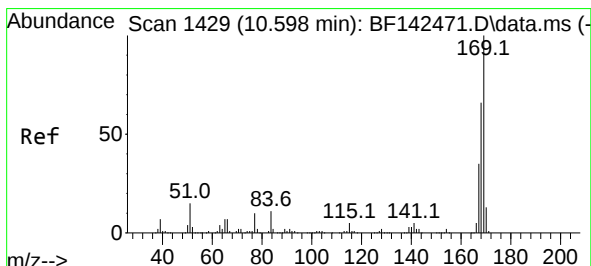
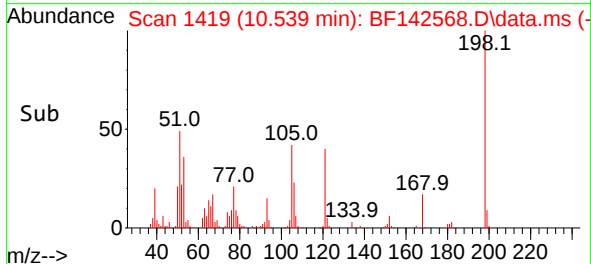
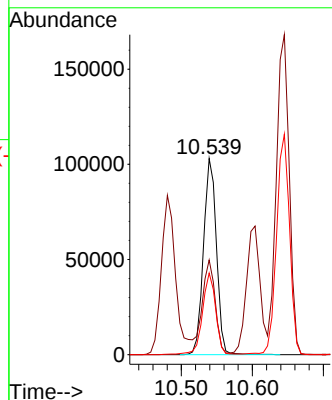
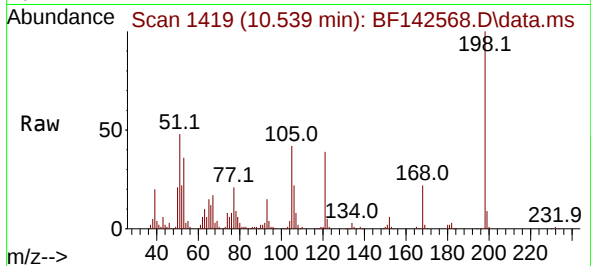




#65
4,6-Dinitro-2-methylphenol
Concen: 49.902 ng
RT: 10.539 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

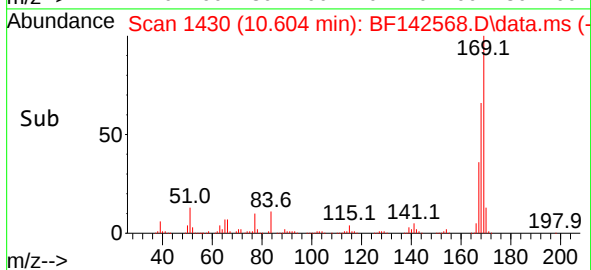
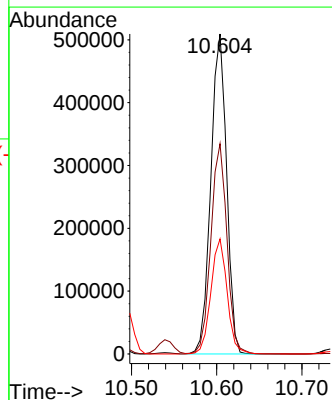
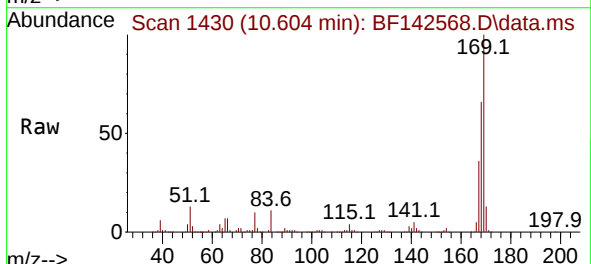
Instrument :
BNA_F
ClientSampleId :
PB168211BS

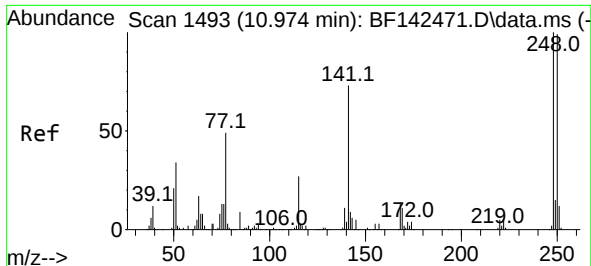
Tgt Ion:198 Resp: 131023
Ion Ratio Lower Upper
198 100
51 48.2 28.3 68.3
105 41.6 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 40.832 ng
RT: 10.604 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:169 Resp: 657232
Ion Ratio Lower Upper
169 100
168 65.7 52.7 79.1
167 36.0 28.3 42.5

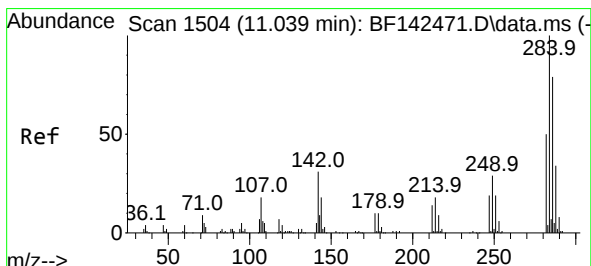
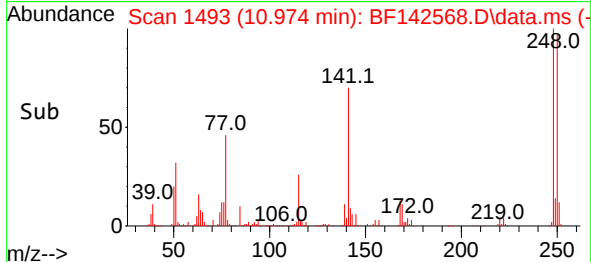
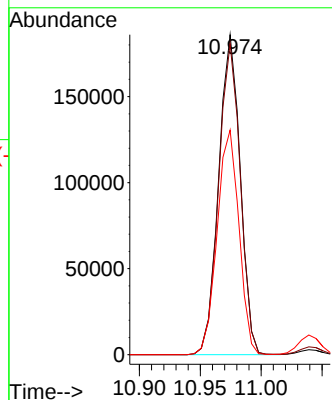
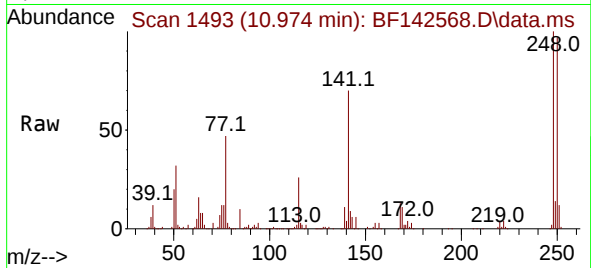




#67
4-Bromophenyl-phenylether
Concen: 41.247 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

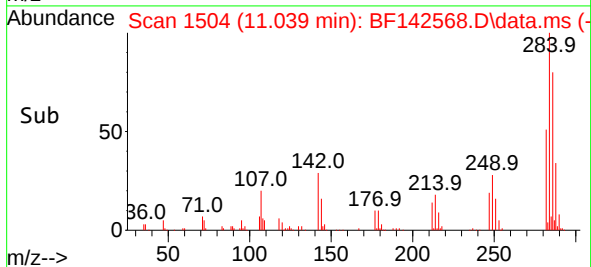
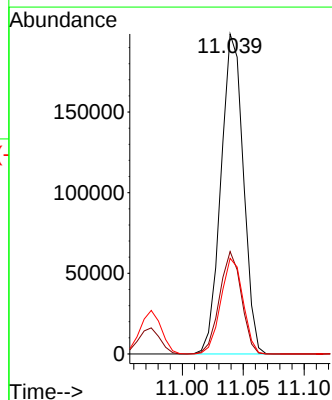
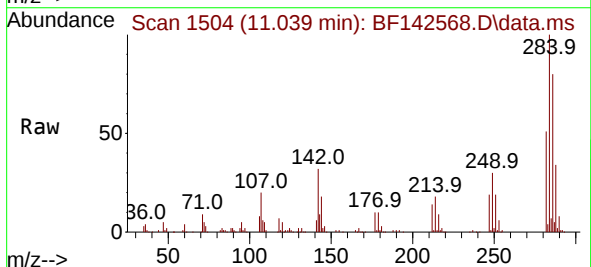
Instrument :
BNA_F
ClientSampleId :
PB168211BS

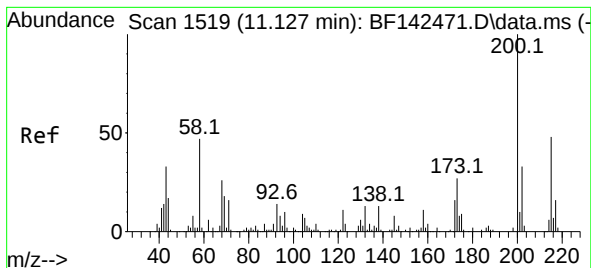
Tgt Ion:248 Resp: 229459
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 70.2 58.4 87.6



#68
Hexachlorobenzene
Concen: 41.271 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:284 Resp: 253935
Ion Ratio Lower Upper
284 100
142 32.0 24.8 37.2
249 29.9 23.6 35.4





#69

Atrazine

Concen: 48.633 ng

RT: 11.127 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

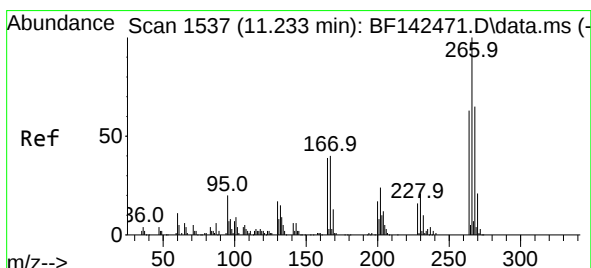
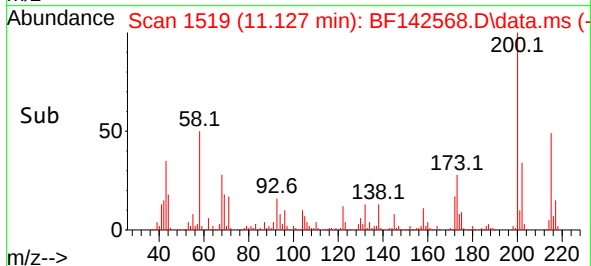
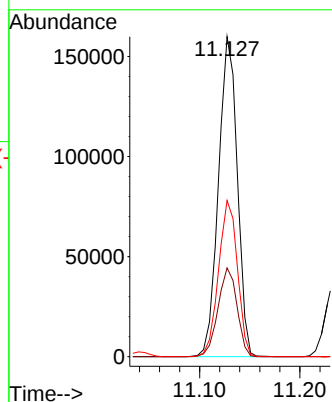
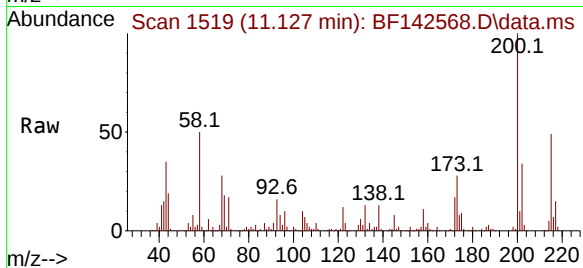
Tgt Ion:200 Resp: 207887

Ion Ratio Lower Upper

200 100

173 27.7 7.4 47.4

215 48.8 28.5 68.5



#70

Pentachlorophenol

Concen: 87.631 ng

RT: 11.239 min Scan# 1538

Delta R.T. 0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

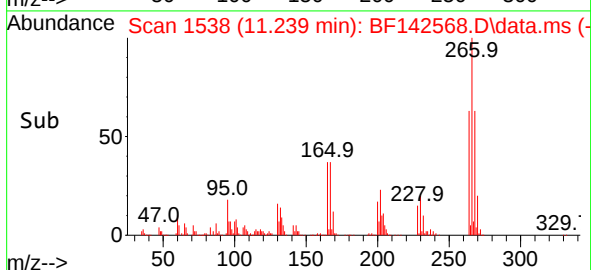
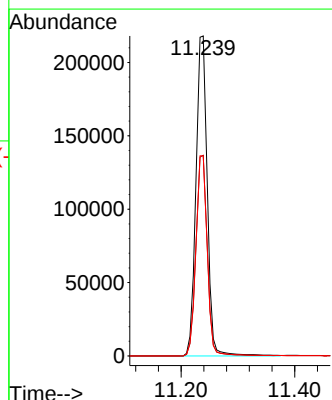
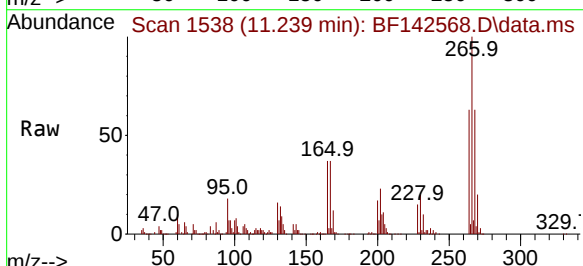
Tgt Ion:266 Resp: 304411

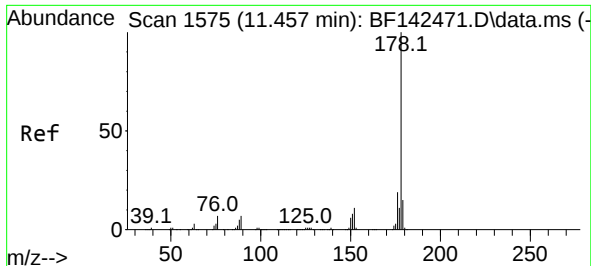
Ion Ratio Lower Upper

266 100

268 62.7 51.7 77.5

264 62.6 50.4 75.6

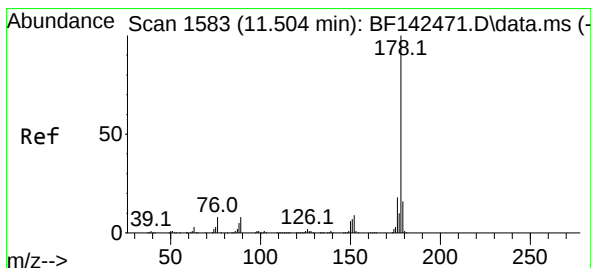
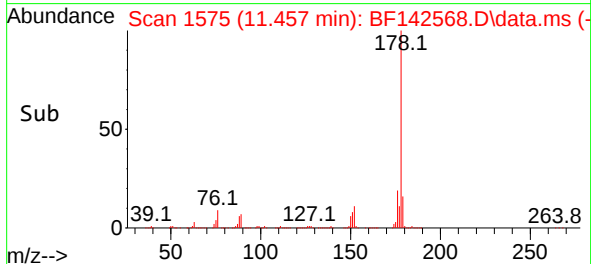
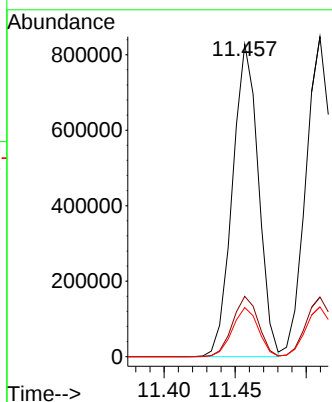
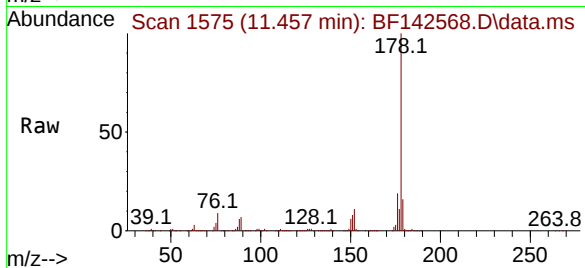




#71
Phenanthrene
Concen: 41.736 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

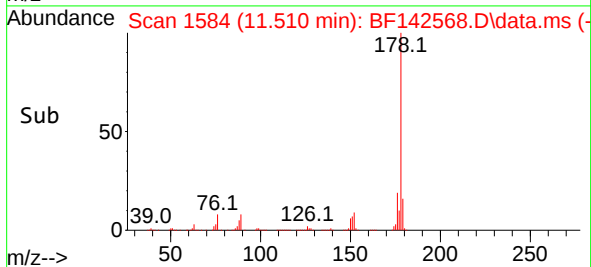
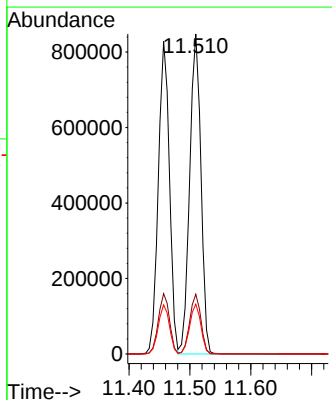
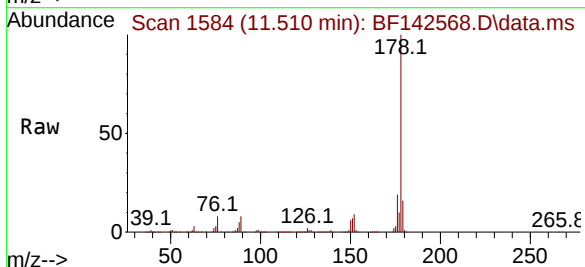
Instrument :
BNA_F
ClientSampleId :
PB168211BS

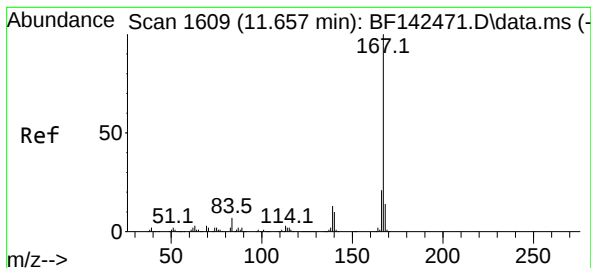
Tgt Ion:178 Resp: 1049379
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 12.3 18.5



#72
Anthracene
Concen: 42.242 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:178 Resp: 1083954
Ion Ratio Lower Upper
178 100
176 18.6 14.6 21.8
179 15.6 12.4 18.6





#73

Carbazole

Concen: 44.996 ng

RT: 11.663 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

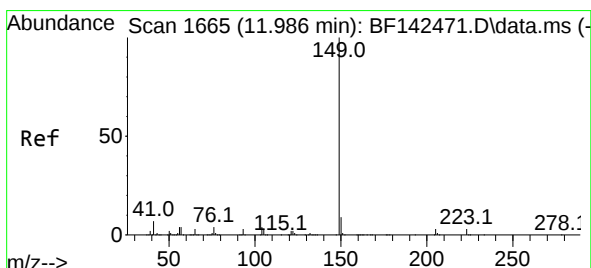
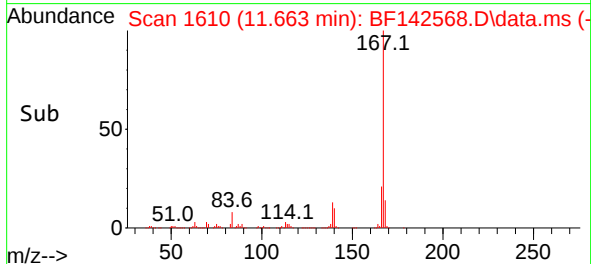
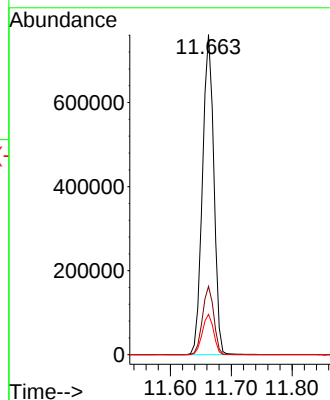
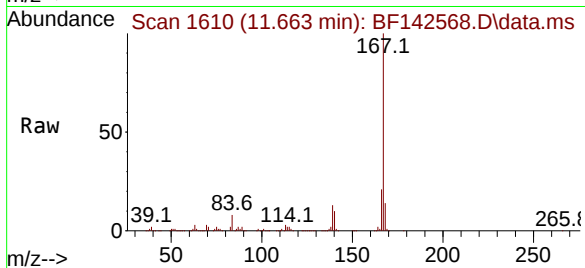
Tgt Ion:167 Resp: 987084

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.6 10.2 15.4



#74

Di-n-butylphthalate

Concen: 46.879 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

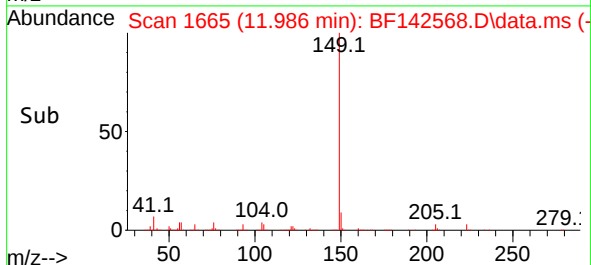
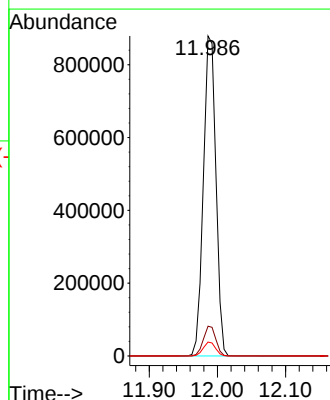
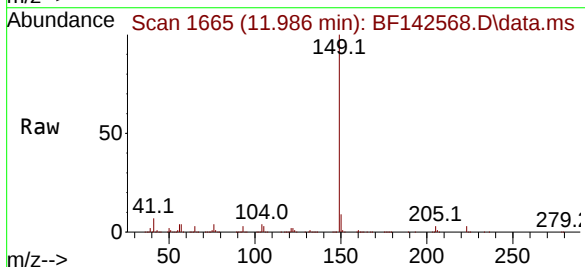
Tgt Ion:149 Resp: 1125656

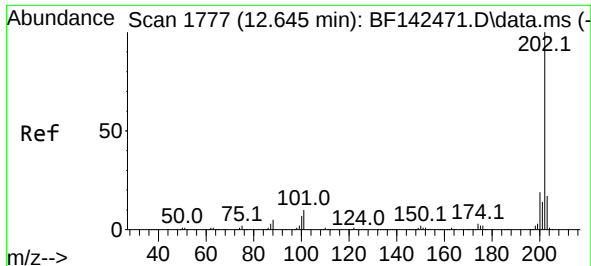
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 4.3 3.6 5.4

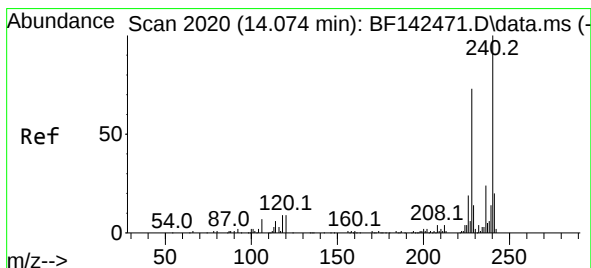
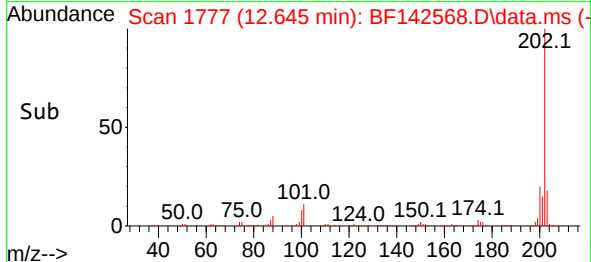
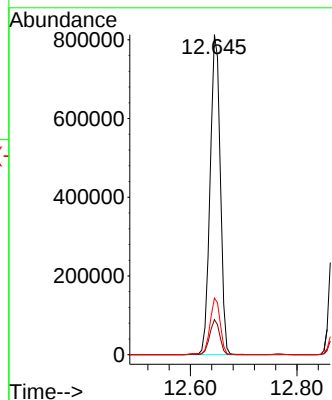
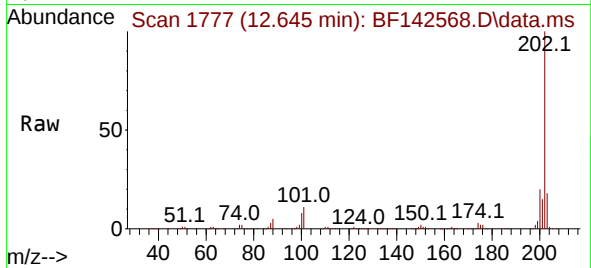




#75
Fluoranthene
Concen: 45.725 ng
RT: 12.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

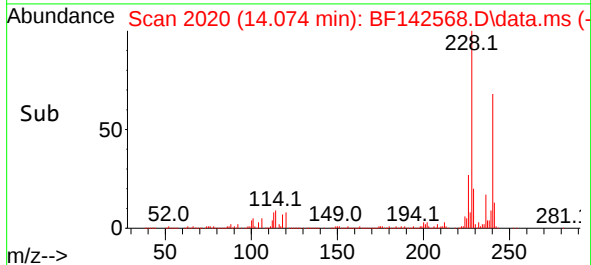
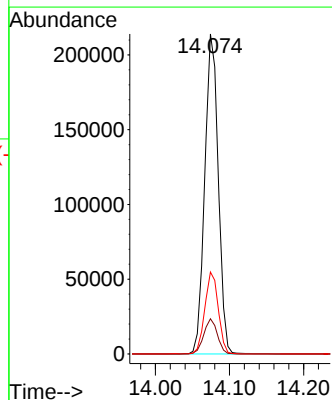
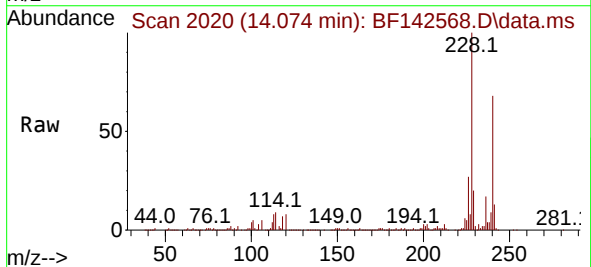
Instrument :
BNA_F
ClientSampleId :
PB168211BS

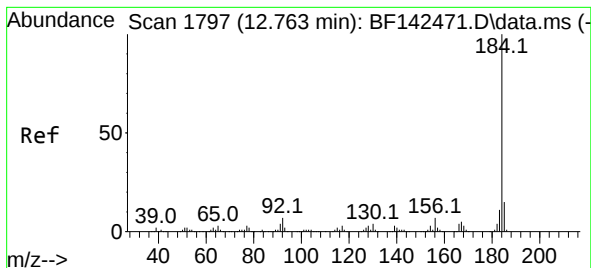
Tgt Ion:202 Resp: 1074252
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.6
203 17.7 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:240 Resp: 271265
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.6 19.6 29.4





#77

Benzidine

Concen: 43.328 ng

RT: 12.768 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

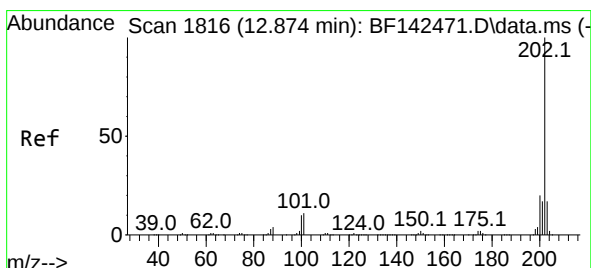
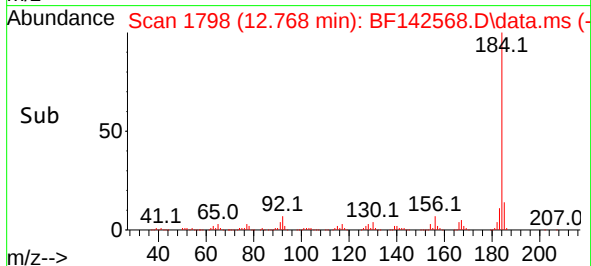
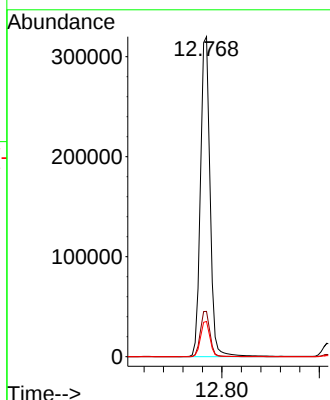
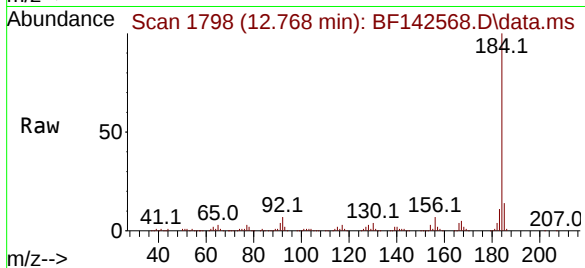
Tgt Ion:184 Resp: 437383

Ion Ratio Lower Upper

184 100

185 14.1 11.6 17.4

183 11.0 9.0 13.4



#78

Pyrene

Concen: 42.315 ng

RT: 12.874 min Scan# 1816

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

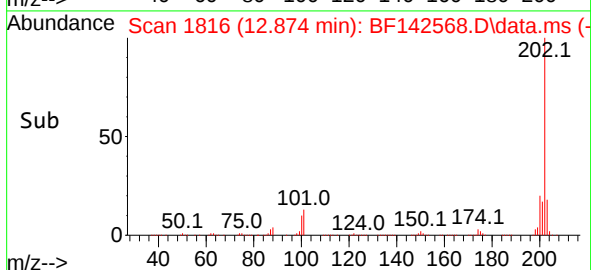
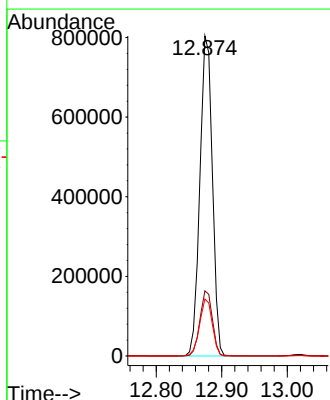
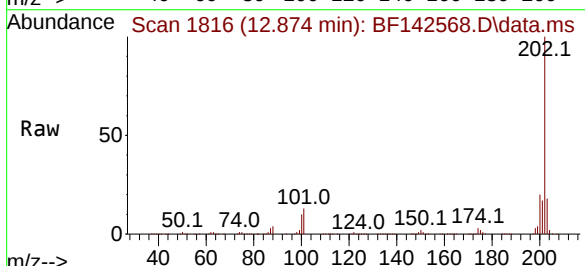
Tgt Ion:202 Resp: 1070790

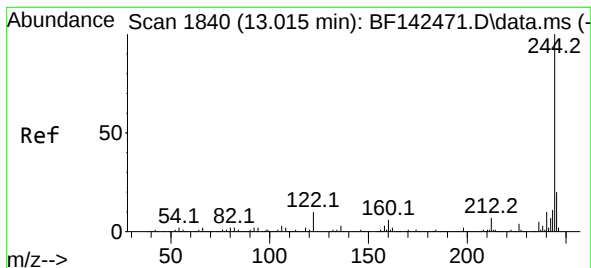
Ion Ratio Lower Upper

202 100

200 20.4 16.1 24.1

203 17.8 13.9 20.9





#79

Terphenyl-d14

Concen: 73.672 ng

RT: 13.015 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

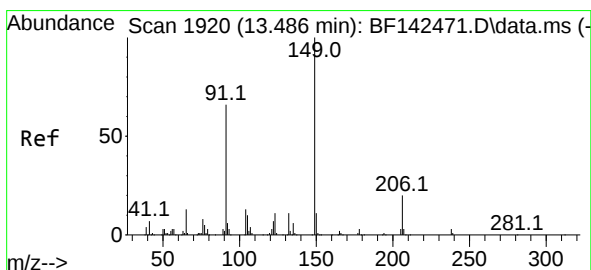
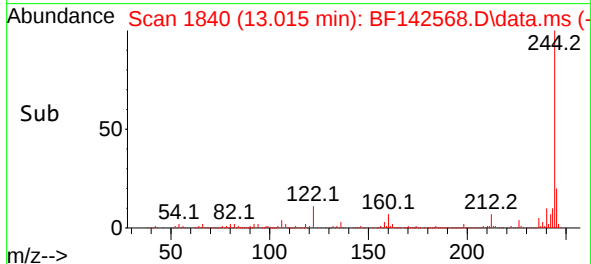
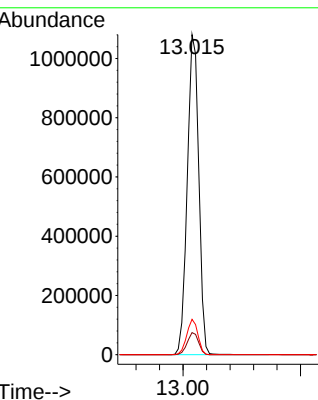
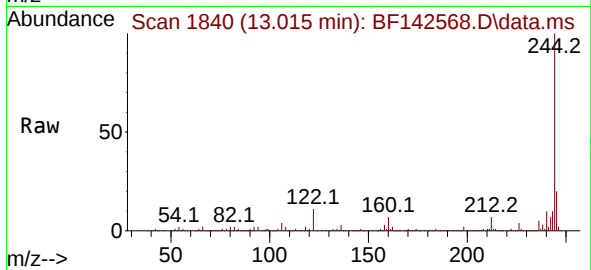
Tgt Ion:244 Resp: 1462423

Ion Ratio Lower Upper

244 100

212 6.9 5.3 7.9

122 11.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 51.321 ng

RT: 13.492 min Scan# 1921

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

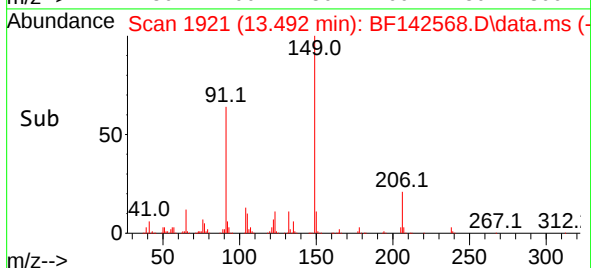
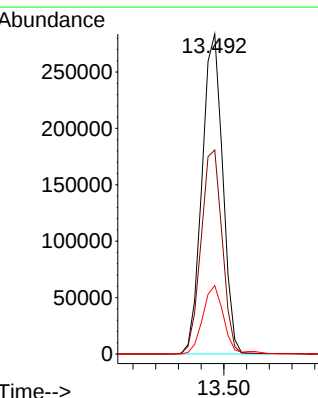
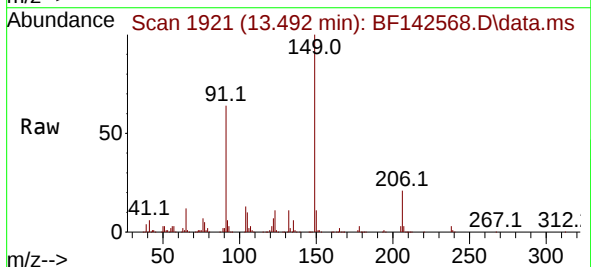
Tgt Ion:149 Resp: 358852

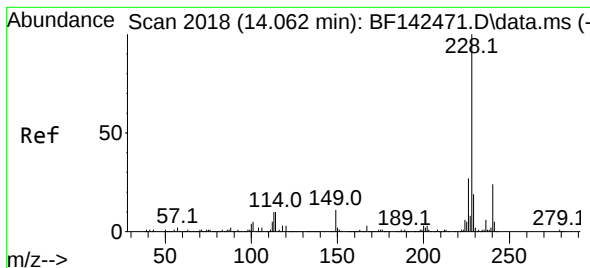
Ion Ratio Lower Upper

149 100

91 63.8 52.9 79.3

206 21.4 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.793 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

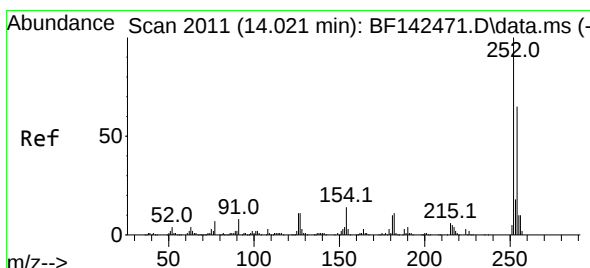
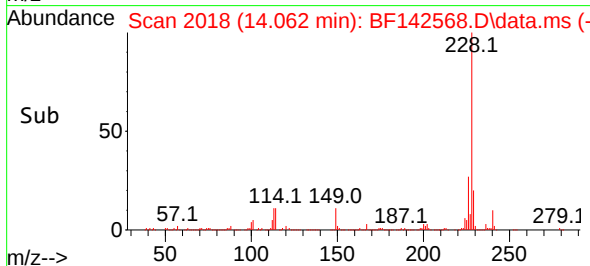
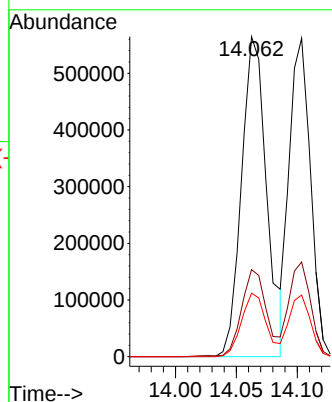
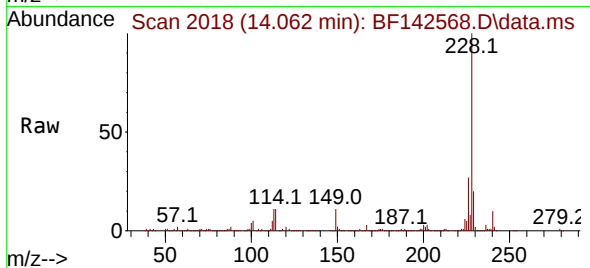
Tgt Ion:228 Resp: 811376

Ion Ratio Lower Upper

228 100

226 27.2 21.2 31.8

229 19.8 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 23.968 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

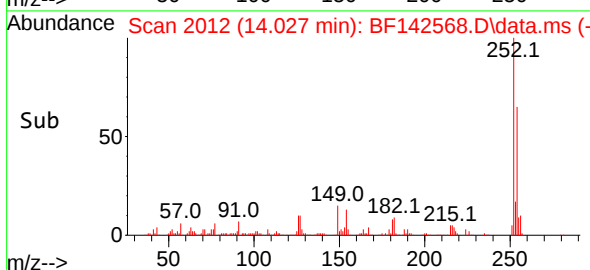
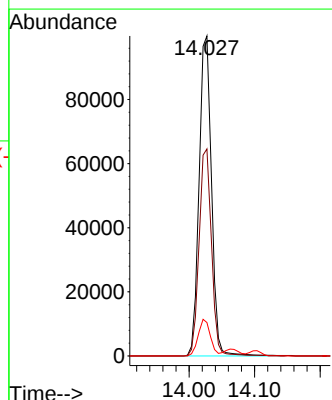
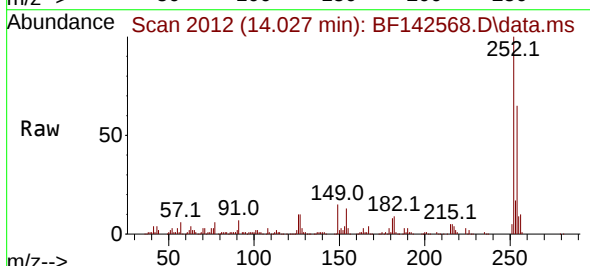
Tgt Ion:252 Resp: 131683

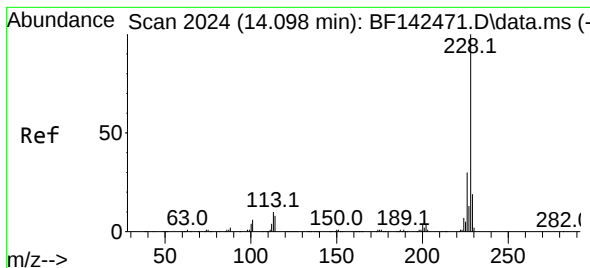
Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

126 10.4 8.9 13.3





#83

Chrysene

Concen: 41.931 ng

RT: 14.104 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

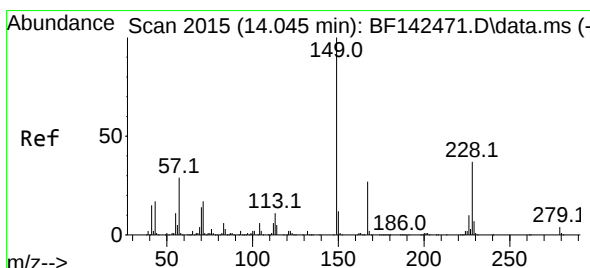
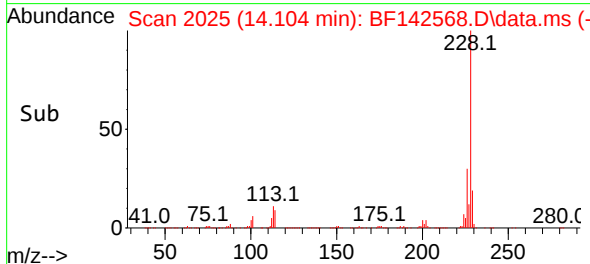
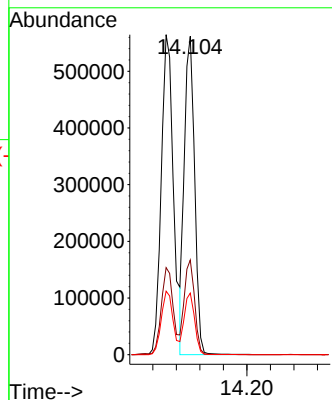
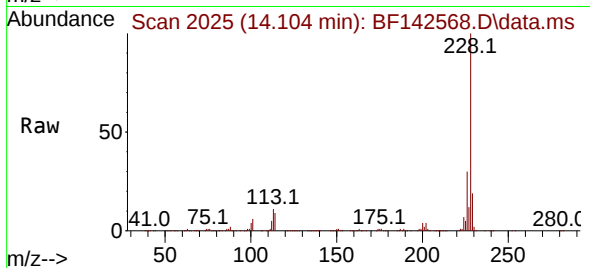
Tgt Ion:228 Resp: 682489

Ion Ratio Lower Upper

228 100

226 29.7 23.8 35.6

229 19.3 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.742 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

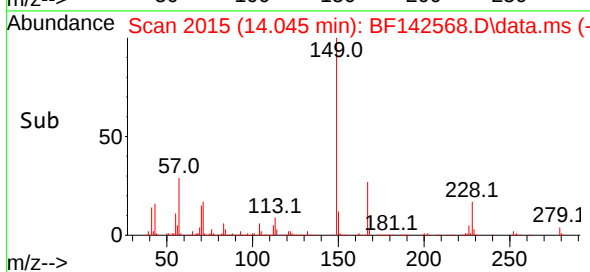
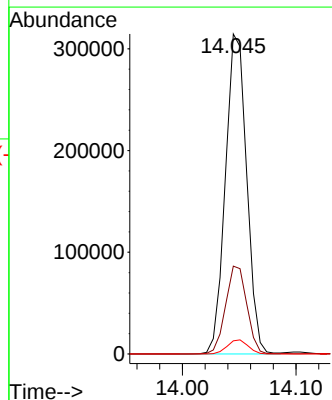
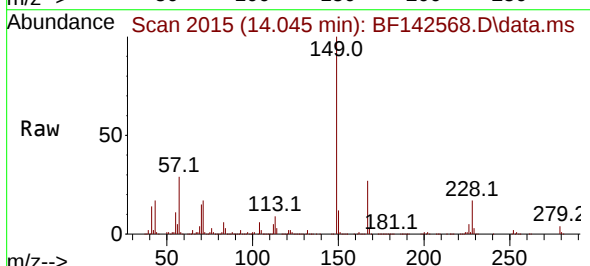
Tgt Ion:149 Resp: 409441

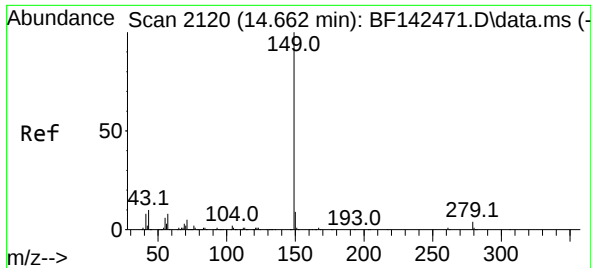
Ion Ratio Lower Upper

149 100

167 27.5 21.5 32.3

279 4.1 3.2 4.8

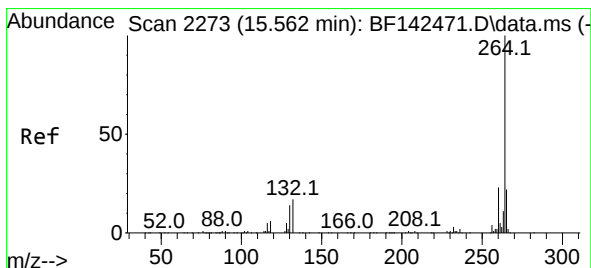
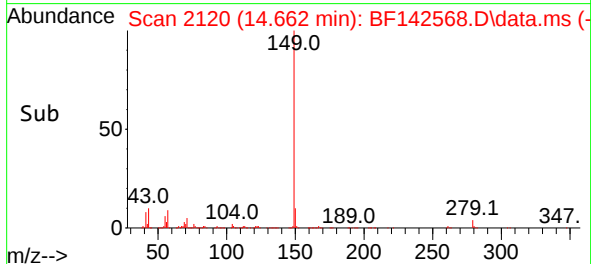
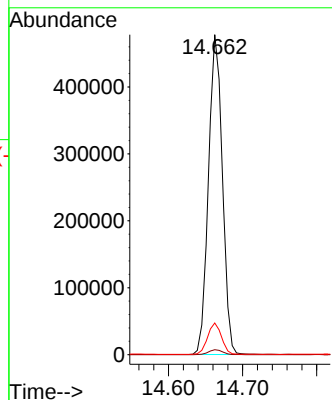
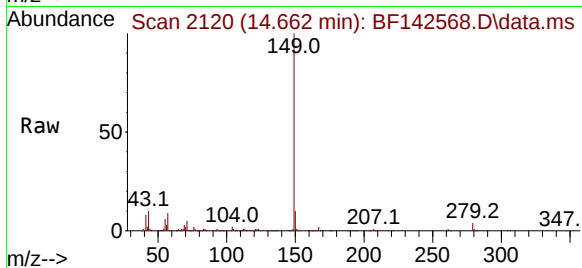




#85
Di-n-octyl phthalate
Concen: 35.702 ng
RT: 14.662 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

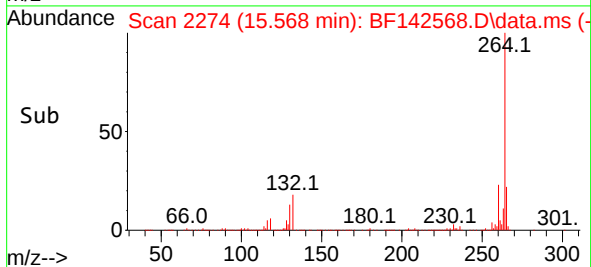
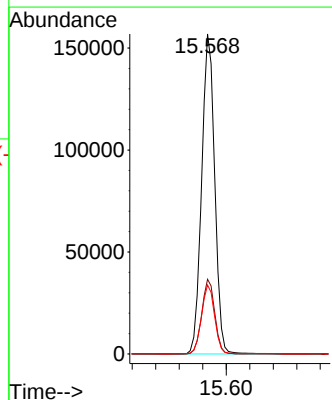
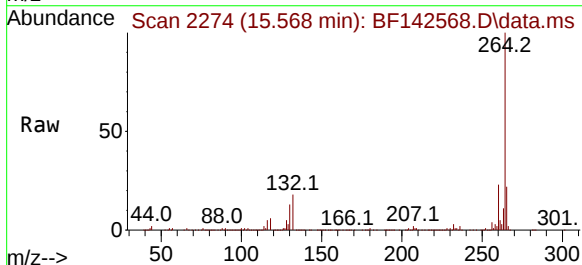
Instrument :
BNA_F
ClientSampleId :
PB168211BS

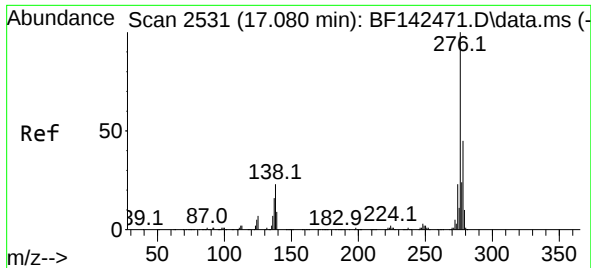
Tgt Ion:149 Resp: 624867
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.7 7.9 11.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:264 Resp: 242037
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.6 17.7 26.5

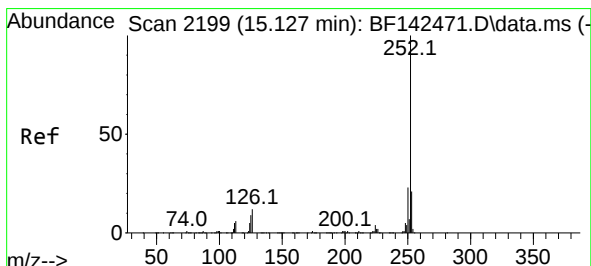
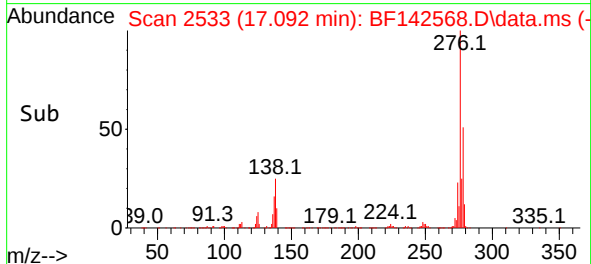
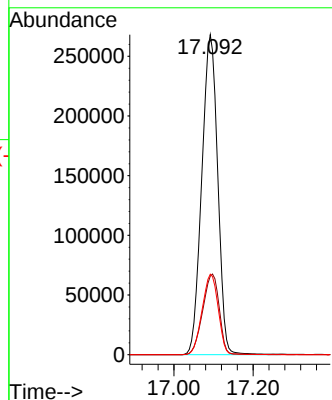
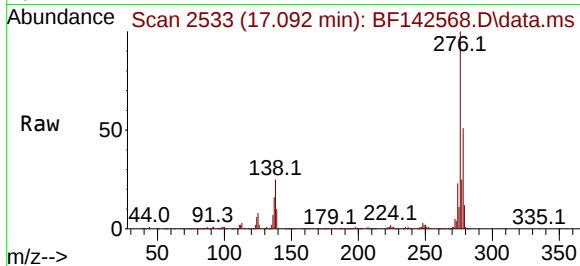




#87
Indeno(1,2,3-cd)pyrene
Concen: 41.209 ng
RT: 17.092 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

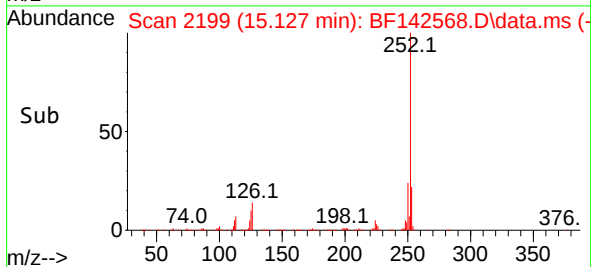
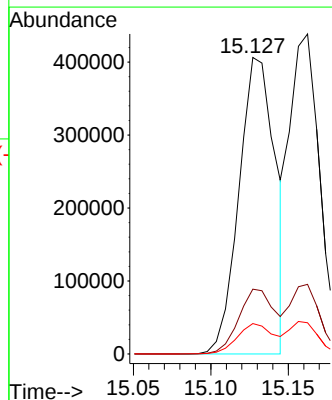
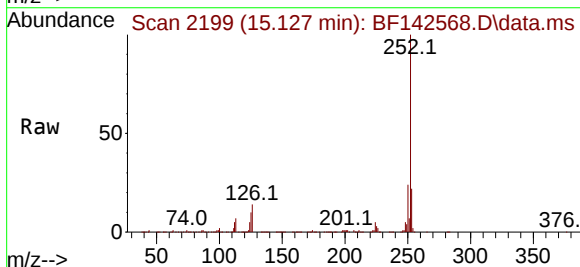
Instrument :
BNA_F
ClientSampleId :
PB168211BS

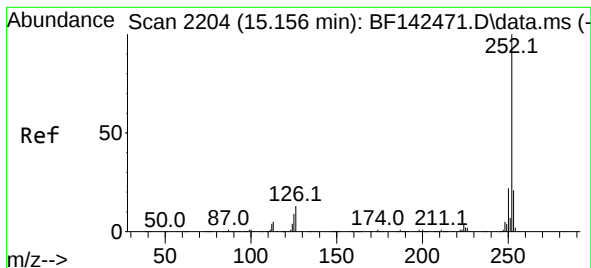
Tgt Ion:276 Resp: 748803
Ion Ratio Lower Upper
276 100
138 26.1 19.9 29.9
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.310 ng
RT: 15.127 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:252 Resp: 663382
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.4
125 10.3 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 43.918 ng

RT: 15.162 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

Instrument :

BNA_F

ClientSampleId :

PB168211BS

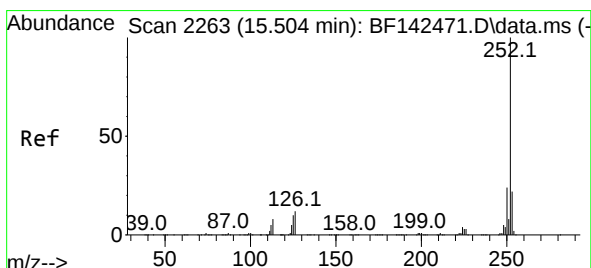
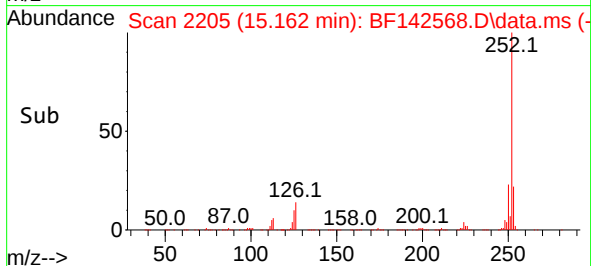
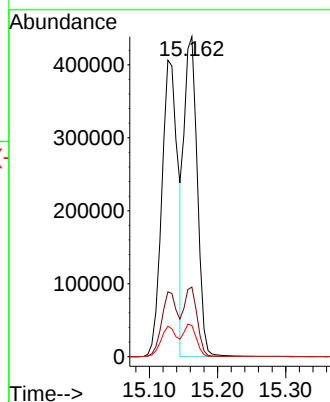
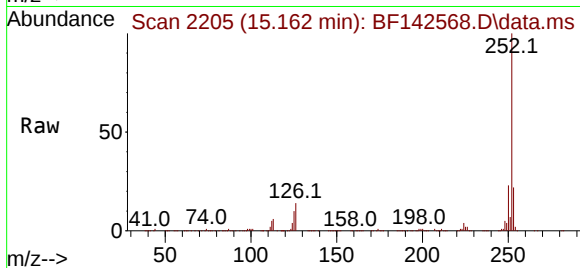
Tgt Ion:252 Resp: 589241

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.4

125 9.7 7.3 10.9



#90

Benzo(a)pyrene

Concen: 44.823 ng

RT: 15.509 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF142568.D

Acq: 30 May 2025 14:18

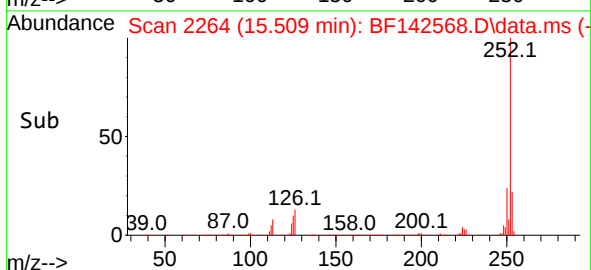
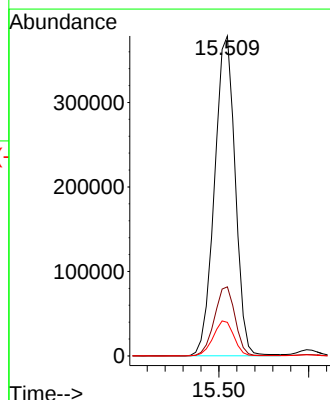
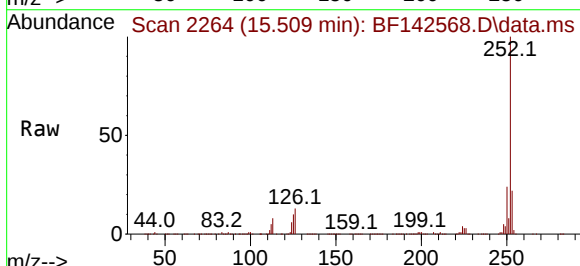
Tgt Ion:252 Resp: 605231

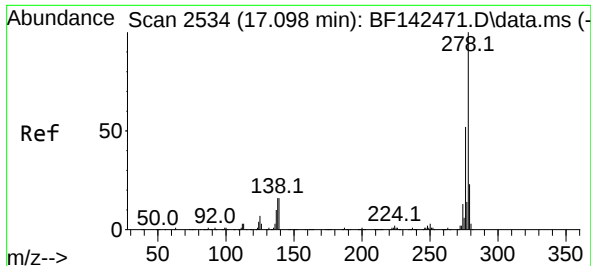
Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

125 10.5 7.9 11.9

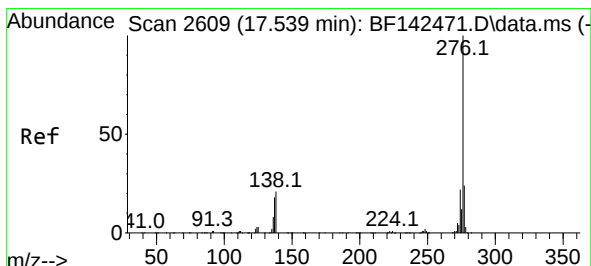
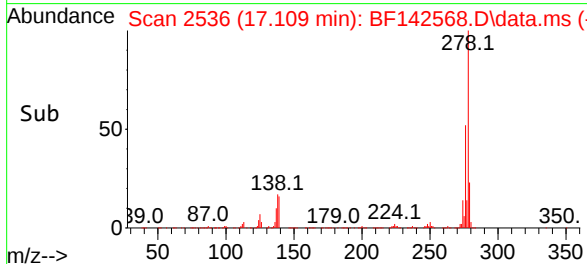
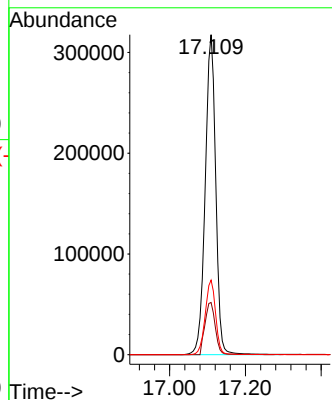
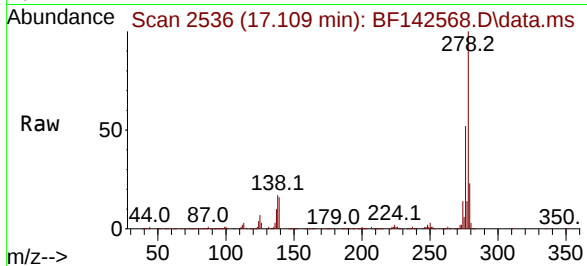




#91
Dibenzo(a,h)anthracene
Concen: 41.564 ng
RT: 17.109 min Scan# 211
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Instrument :
BNA_F
ClientSampleId :
PB168211BS

Tgt Ion:278 Resp: 612544
Ion Ratio Lower Upper
278 100
139 16.3 12.8 19.2
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 40.939 ng
RT: 17.550 min Scan# 2611
Delta R.T. -0.006 min
Lab File: BF142568.D
Acq: 30 May 2025 14:18

Tgt Ion:276 Resp: 603462
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 22.9 16.8 25.2

