

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141988.D
 Acq On : 18 Mar 2025 10:59
 Operator : RC/JU
 Sample : PB167168BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167168BS

Quant Time: Mar 18 11:46:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	153624	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	605121	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	333256	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	550204	20.000	ng	0.00
76) Chrysene-d12	14.045	240	364178	20.000	ng	0.00
86) Perylene-d12	15.515	264	375705	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1289349	140.074	ng	0.02
7) Phenol-d6	6.510	99	1576383	134.507	ng	0.00
23) Nitrobenzene-d5	7.445	82	1043365	97.032	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	634270	150.024	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2139796	97.649	ng	0.00
79) Terphenyl-d14	12.986	244	2369251	96.185	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.751	88	160315	41.567	ng 97
3) Pyridine	3.510	79	378424	40.000	ng 98
4) n-Nitrosodimethylamine	3.457	42	191144	42.385	ng 98
6) Aniline	6.545	93	467295	40.418	ng 99
8) 2-Chlorophenol	6.663	128	473450	46.377	ng 99
9) Benzaldehyde	6.428	77	131199	20.017	ng 99
10) Phenol	6.522	94	547930	44.441	ng 97
11) bis(2-Chloroethyl)ether	6.616	93	410827	44.375	ng 99
12) 1,3-Dichlorobenzene	6.822	146	496621	45.059	ng 98
13) 1,4-Dichlorobenzene	6.898	146	507150	45.478	ng 99
14) 1,2-Dichlorobenzene	7.051	146	484885	46.164	ng 98
15) Benzyl Alcohol	7.022	79	412918	43.581	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	462263	41.359	ng 98
17) 2-Methylphenol	7.128	107	371351	45.750	ng 100
18) Hexachloroethane	7.392	117	186696	44.646	ng 96
19) n-Nitroso-di-n-propyla...	7.292	70	315123	41.846	ng 100
20) 3+4-Methylphenols	7.281	107	464568	44.683	ng # 90
22) Acetophenone	7.286	105	703789	48.567	ng 96
24) Nitrobenzene	7.463	77	476326	44.560	ng 99
25) Isophorone	7.698	82	861775	45.339	ng 99
26) 2-Nitrophenol	7.775	139	250549	47.756	ng 99
27) 2,4-Dimethylphenol	7.810	122	398959	55.226	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	517502	43.409	ng 99
29) 2,4-Dichlorophenol	8.016	162	403105	44.955	ng 100
30) 1,2,4-Trichlorobenzene	8.104	180	442720	44.802	ng 98
31) Naphthalene	8.186	128	1349583	43.417	ng 100
32) Benzoic acid	7.928	122	318732	50.192	ng 98
33) 4-Chloroaniline	8.228	127	225971	20.593	ng 98
34) Hexachlorobutadiene	8.298	225	297040	46.093	ng 99
35) Caprolactam	8.598	113	87663	32.067	ng 92
36) 4-Chloro-3-methylphenol	8.710	107	431630	43.152	ng 99
37) 2-Methylnaphthalene	8.875	142	876224	42.173	ng 100
38) 1-Methylnaphthalene	8.975	142	843623	42.077	ng 100
40) 1,2,4,5-Tetrachloroben...	9.039	216	524826	51.726	ng 98
41) Hexachlorocyclopentadiene	9.028	237	668256	168.290	ng 99
43) 2,4,6-Trichlorophenol	9.151	196	301417	45.456	ng 100

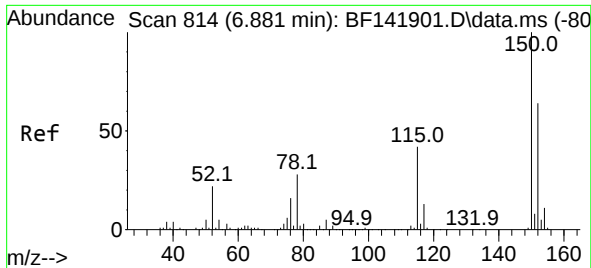
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	314799	46.874	ng	99
46) 1,1'-Biphenyl	9.339	154	1251387	49.420	ng	100
47) 2-Chloronaphthalene	9.363	162	859555	45.544	ng	99
48) 2-Nitroaniline	9.457	65	243726	44.601	ng	97
49) Acenaphthylene	9.780	152	1335434	47.682	ng	100
50) Dimethylphthalate	9.639	163	1015664	43.521	ng	100
51) 2,6-Dinitrotoluene	9.698	165	221617	45.610	ng	95
52) Acenaphthene	9.951	154	991021	50.351	ng	99
53) 3-Nitroaniline	9.869	138	137483	27.894	ng	97
54) 2,4-Dinitrophenol	9.975	184	261502	93.511	ng	# 47
55) Dibenzofuran	10.122	168	1217099	43.277	ng	99
56) 4-Nitrophenol	10.027	139	367609	98.900	ng	96
57) 2,4-Dinitrotoluene	10.104	165	301837	47.561	ng	98
58) Fluorene	10.469	166	954715	44.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	278073	45.502	ng	98
60) Diethylphthalate	10.339	149	990323	42.558	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	494016	43.691	ng	98
62) 4-Nitroaniline	10.480	138	209808	43.724	ng	98
63) Azobenzene	10.616	77	894901	41.365	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	162385	49.508	ng	100
66) n-Nitrosodiphenylamine	10.575	169	827044	46.450	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	317766	45.987	ng	100
68) Hexachlorobenzene	11.016	284	366094	48.306	ng	94
69) Atrazine	11.104	200	322158	59.022	ng	99
70) Pentachlorophenol	11.210	266	435894	93.351	ng	99
71) Phenanthrene	11.427	178	1374452	46.249	ng	100
72) Anthracene	11.480	178	1412854	47.387	ng	100
73) Carbazole	11.633	167	1155342	44.932	ng	100
74) Di-n-butylphthalate	11.963	149	1479834	43.374	ng	99
75) Fluoranthene	12.616	202	1339128	42.479	ng	99
77) Benzidine	12.733	184	367890	72.405	ng	99
78) Pyrene	12.845	202	1330654	42.241	ng	99
80) Butylbenzylphthalate	13.463	149	514197	41.703	ng	97
81) Benzo(a)anthracene	14.033	228	1117238	46.751	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	265251	38.409	ng	99
83) Chrysene	14.068	228	998209	46.080	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	728315	42.841	ng	100
85) Di-n-octyl phthalate	14.633	149	1189008	50.266	ng	98
87) Indeno(1,2,3-cd)pyrene	17.015	276	1215297	50.004	ng	98
88) Benzo(b)fluoranthene	15.086	252	1022729	39.719	ng	99
89) Benzo(k)fluoranthene	15.115	252	1001088	45.431	ng	99
90) Benzo(a)pyrene	15.457	252	970694	48.179	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	988318	49.287	ng	99
92) Benzo(g,h,i)perylene	17.462	276	923868	46.622	ng	98

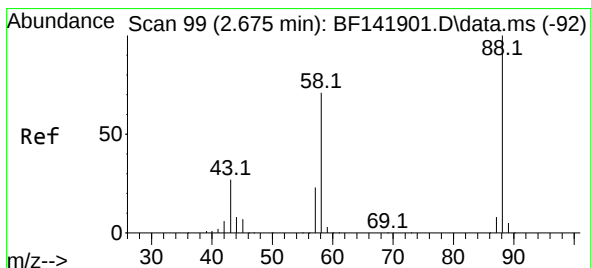
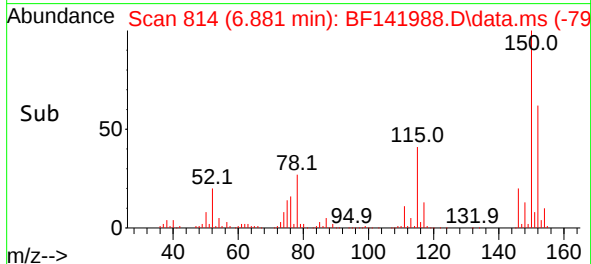
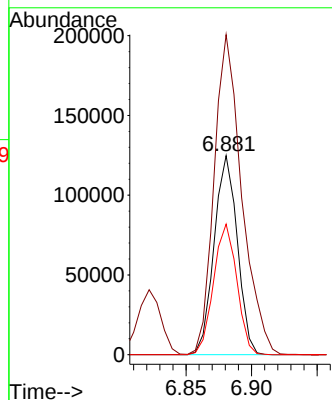
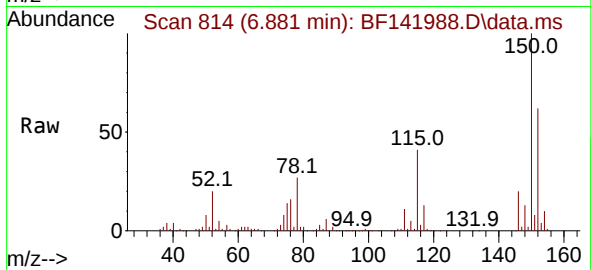
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141988.D
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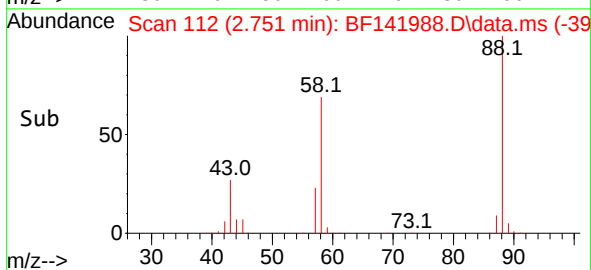
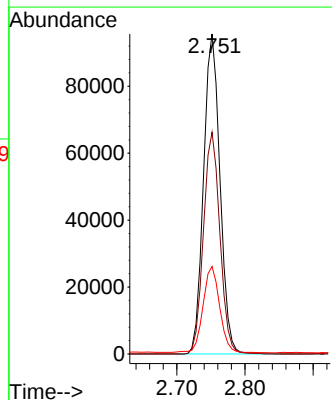
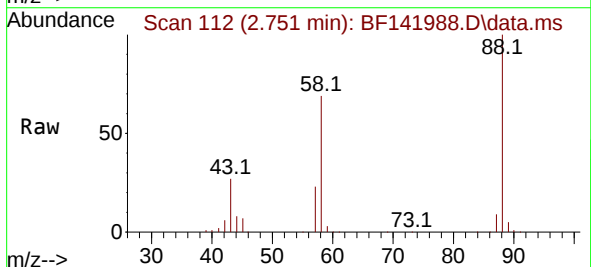
Instrument :
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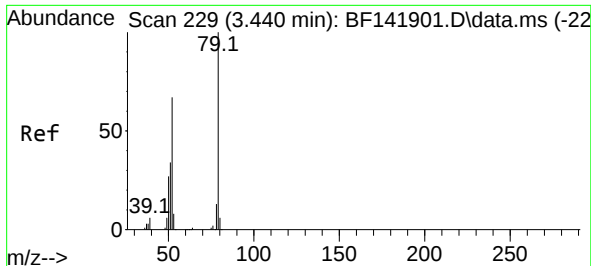
Tgt Ion:152 Resp: 153624
 Ion Ratio Lower Upper
 152 100
 150 160.7 127.4 191.2
 115 65.6 51.9 77.9



#2
 1,4-Dioxane
 Concen: 41.567 ng
 RT: 2.751 min Scan# 112
 Delta R.T. 0.076 min
 Lab File: BF141988.D
 Acq: 18 Mar 2025 10:59

Tgt Ion: 88 Resp: 160315
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 27.7 21.5 32.3





#3

Pyridine

Concen: 40.000 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.071 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

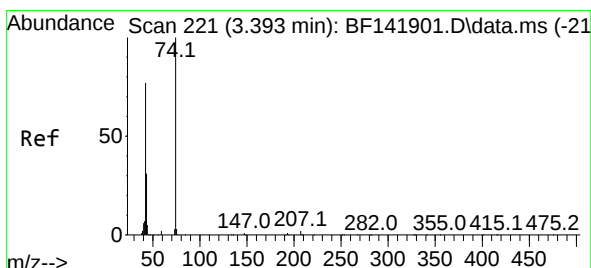
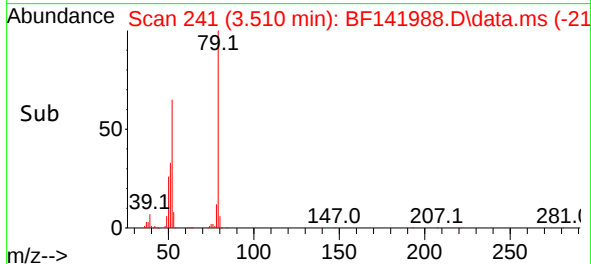
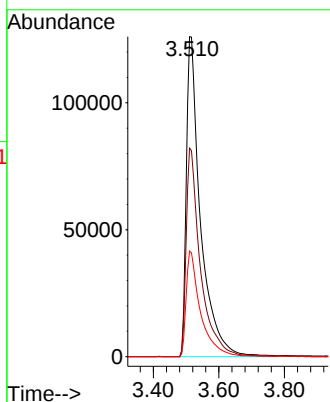
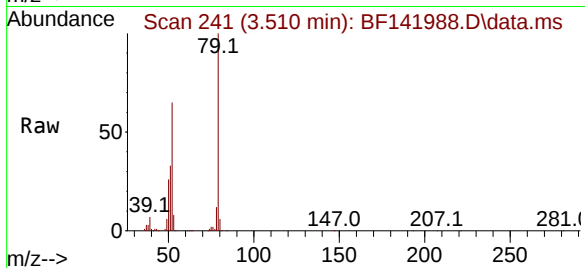
Tgt Ion: 79 Resp: 378424

Ion Ratio Lower Upper

79 100

52 65.2 53.3 79.9

51 33.0 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 42.385 ng

RT: 3.457 min Scan# 232

Delta R.T. 0.065 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

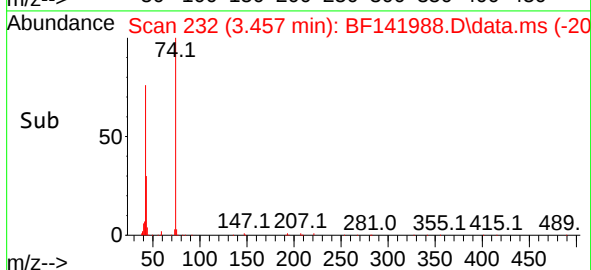
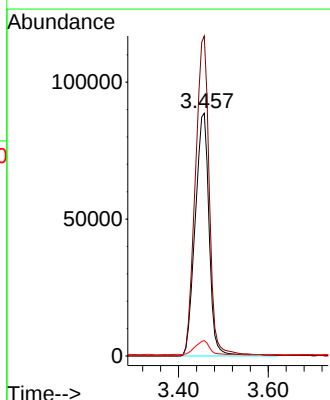
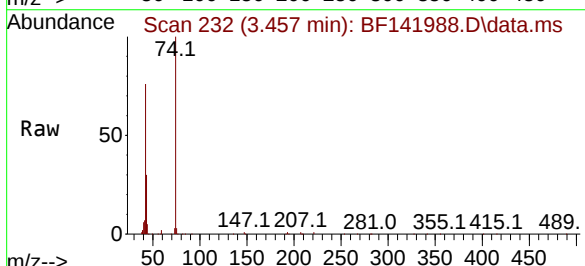
Tgt Ion: 42 Resp: 191144

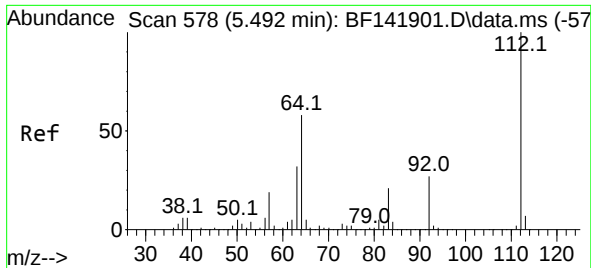
Ion Ratio Lower Upper

42 100

74 131.8 103.4 155.0

44 6.3 5.0 7.4

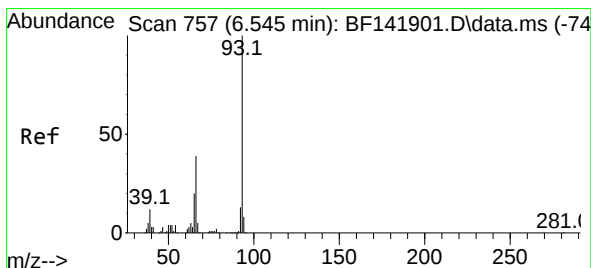
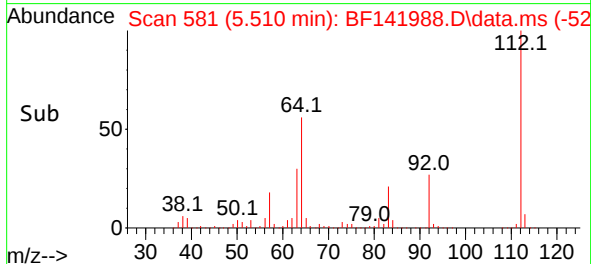
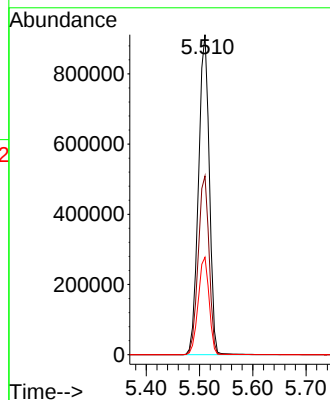
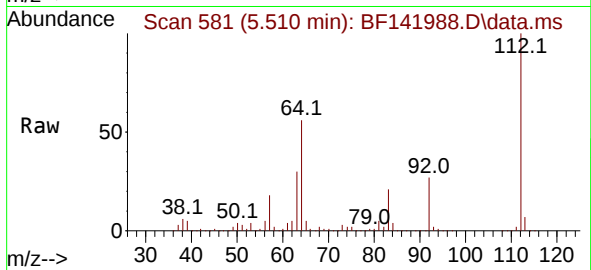




#5
2-Fluorophenol
Concen: 140.074 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

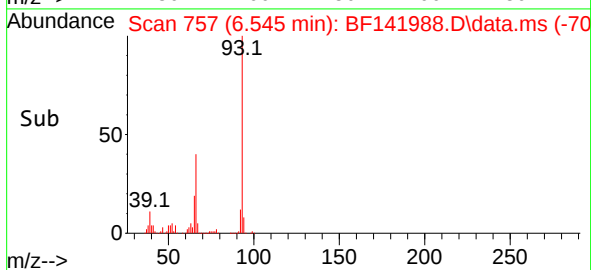
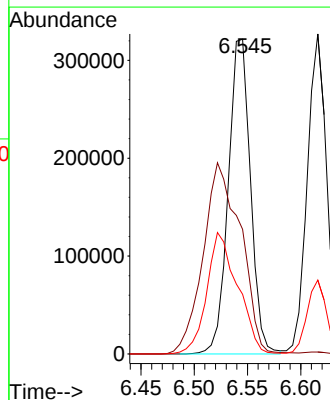
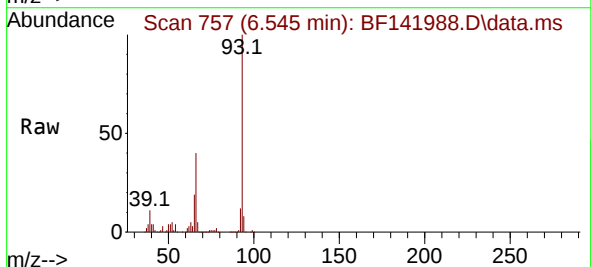
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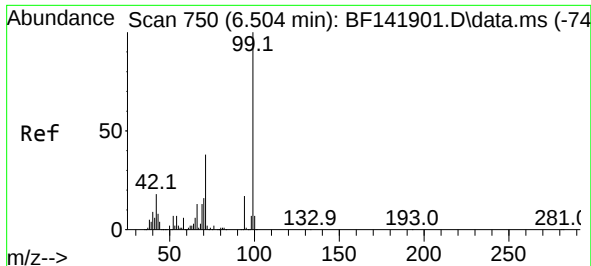
Tgt Ion:112 Resp: 1289349
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 30.5 25.4 38.2



#6
Aniline
Concen: 40.418 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion: 93 Resp: 467295
Ion Ratio Lower Upper
93 100
66 39.6 31.9 47.9
65 19.0 15.8 23.6

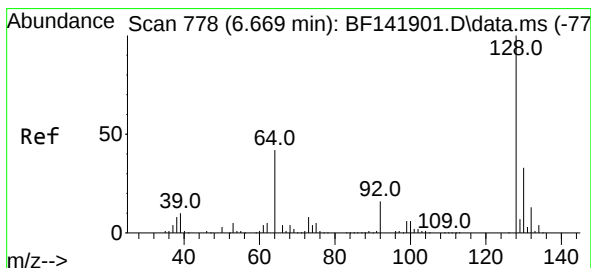
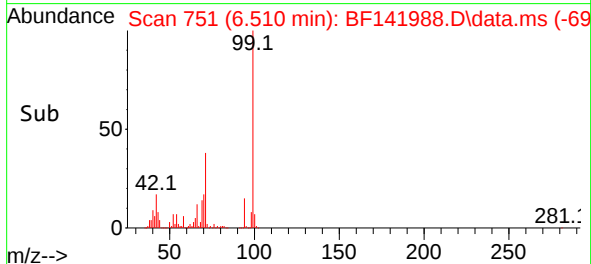
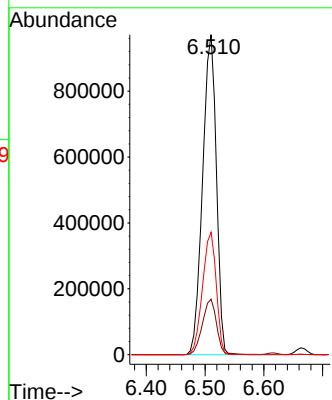
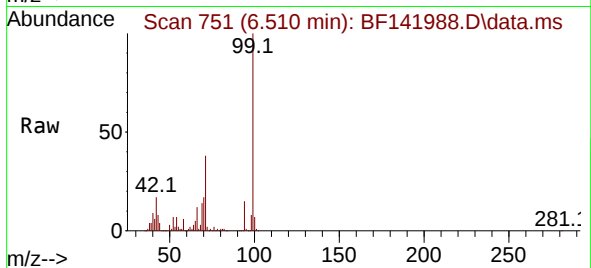




#7
Phenol-d6
Concen: 134.507 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

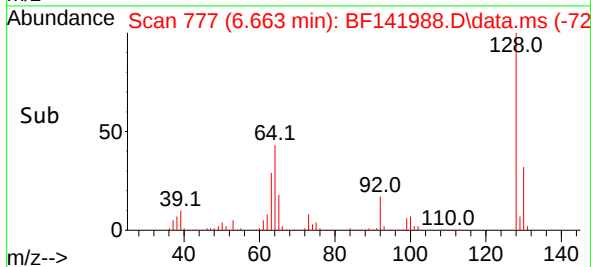
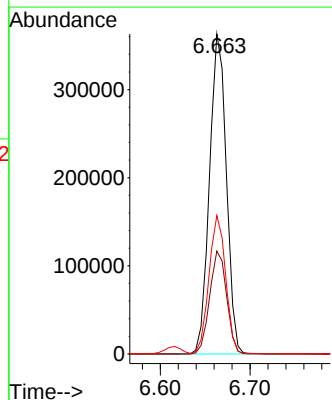
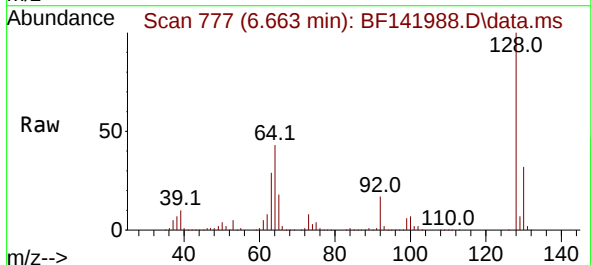
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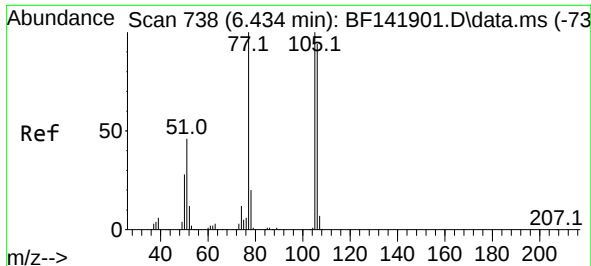
Tgt Ion: 99 Resp: 1576383
Ion Ratio Lower Upper
99 100
42 17.4 14.6 21.8
71 38.3 30.8 46.2



#8
2-Chlorophenol
Concen: 46.377 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion: 128 Resp: 473450
Ion Ratio Lower Upper
128 100
130 32.1 12.8 52.8
64 43.3 24.4 64.4

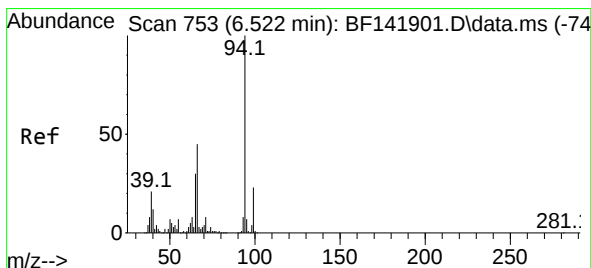
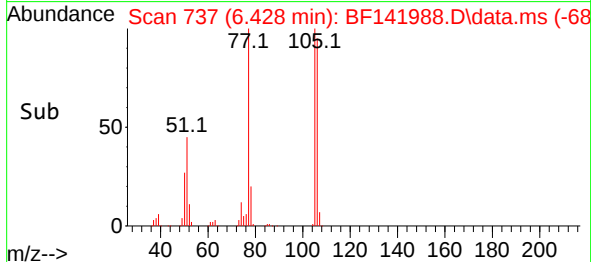
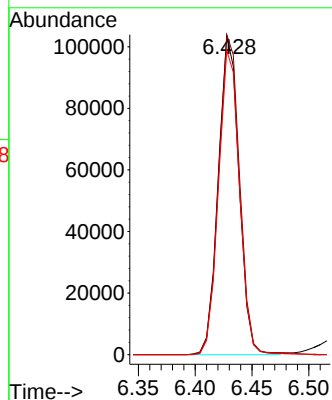
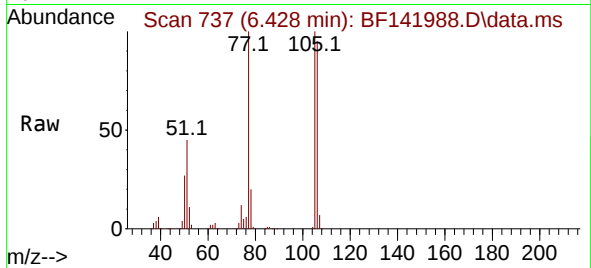




#9
Benzaldehyde
Concen: 20.017 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

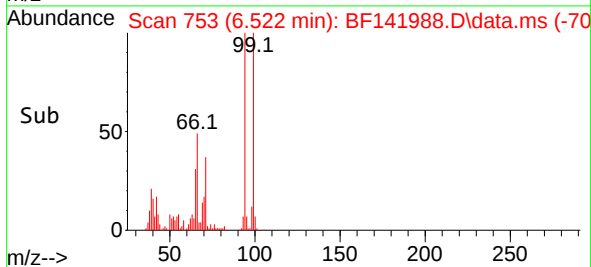
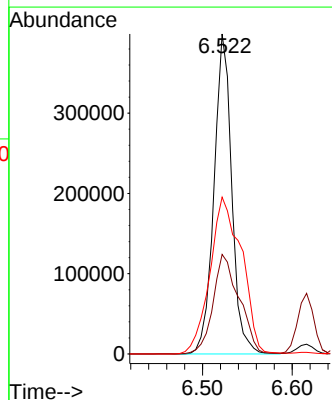
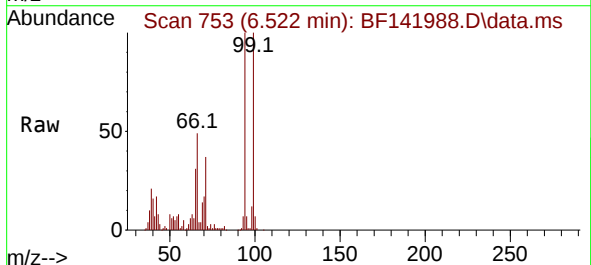
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ClientSampleId :
PB167168BS

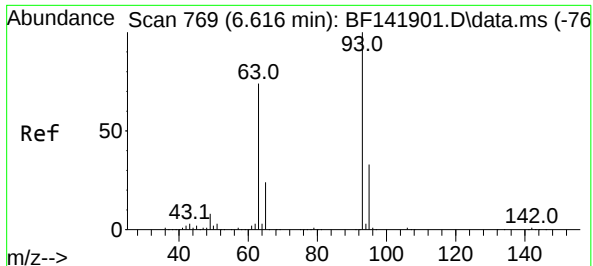
Tgt Ion: 77 Resp: 131199
Ion Ratio Lower Upper
77 100
105 100.5 80.0 120.0
106 95.6 74.5 114.5



#10
Phenol
Concen: 44.441 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion: 94 Resp: 547930
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 49.0 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 44.375 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

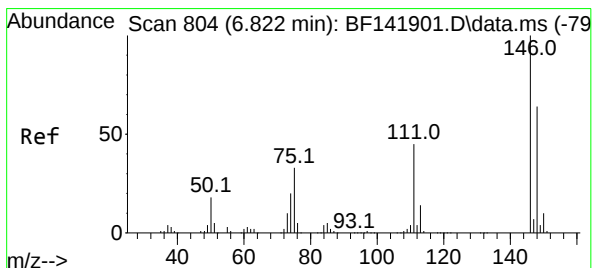
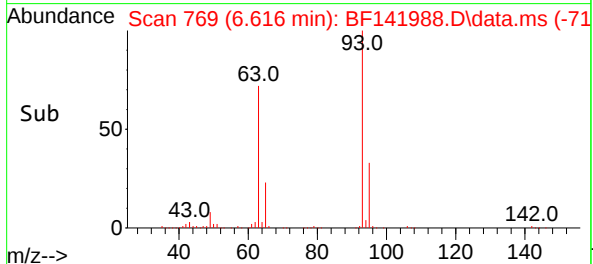
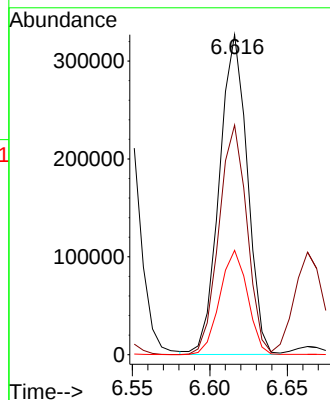
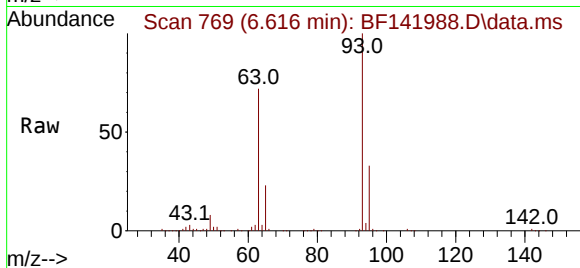
BNA_F

ClientSampleId :

PB167168BS

Tgt Ion: 93 Resp: 410827

Ion	Ratio	Lower	Upper
93	100		
63	71.8	53.0	93.0
95	32.6	12.9	52.9



#12

1,3-Dichlorobenzene

Concen: 45.059 ng

RT: 6.822 min Scan# 804

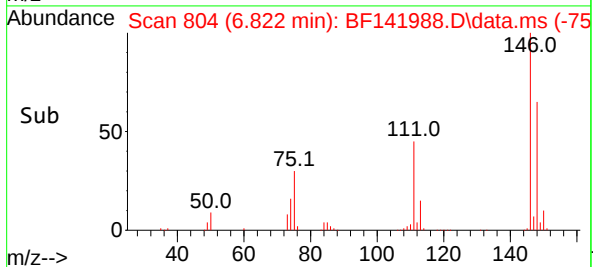
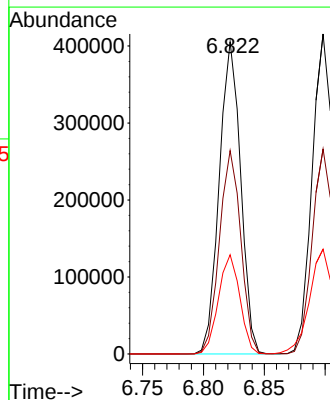
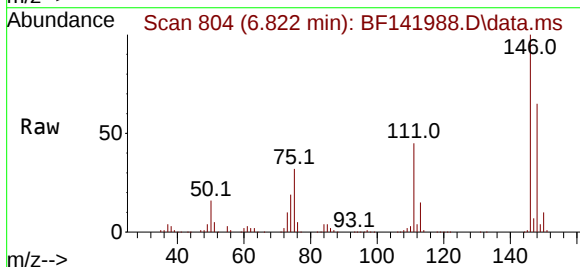
Delta R.T. 0.000 min

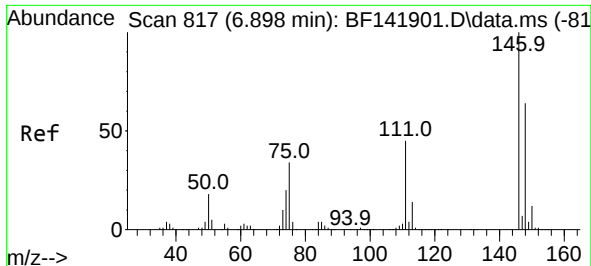
Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Tgt Ion: 146 Resp: 496621

Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.3	76.9
75	31.8	26.6	40.0

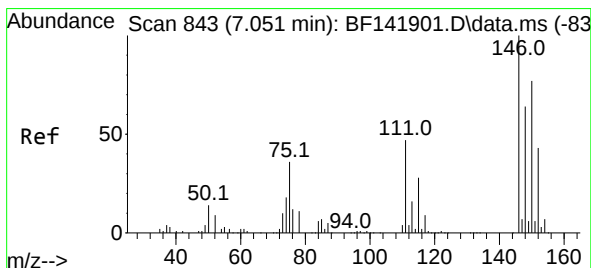
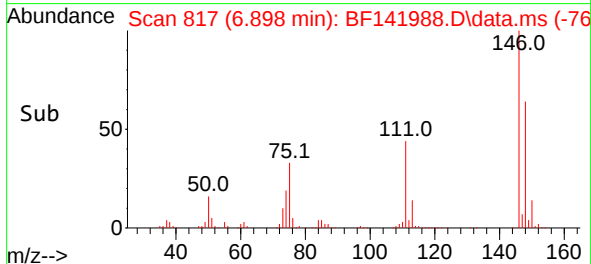
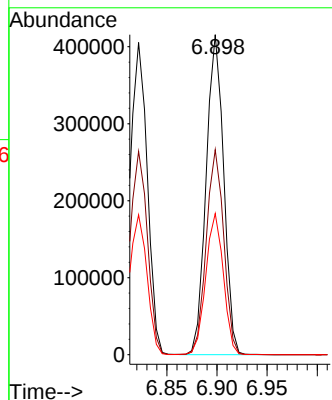
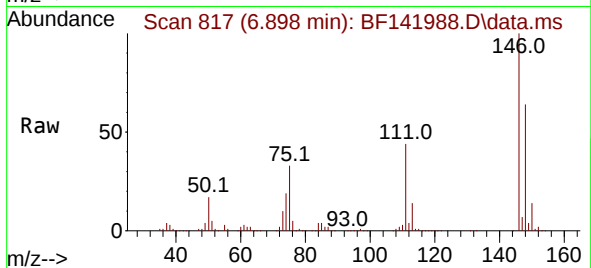




#13
1,4-Dichlorobenzene
Concen: 45.478 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

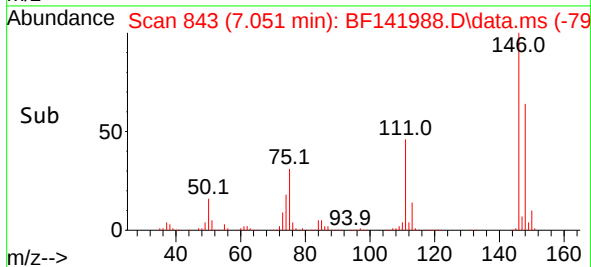
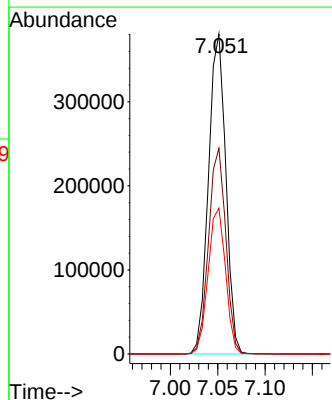
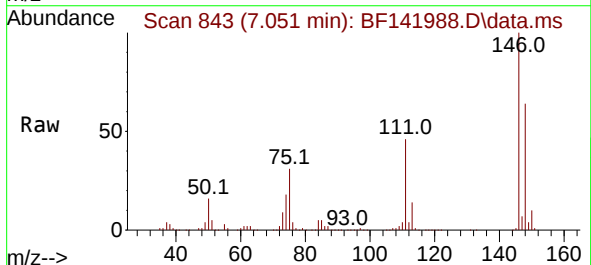
Instrument :
BNA_F
ClientSampleId :
PB167168BS

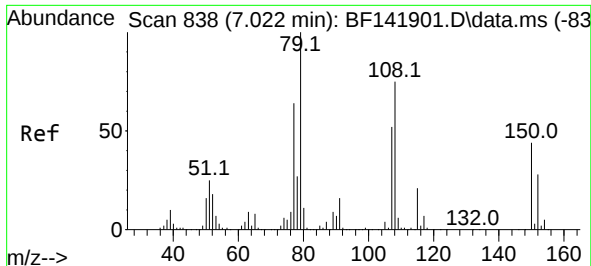
Tgt Ion:146 Resp: 507150
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.1 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 46.164 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:146 Resp: 484885
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 45.6 38.0 57.0

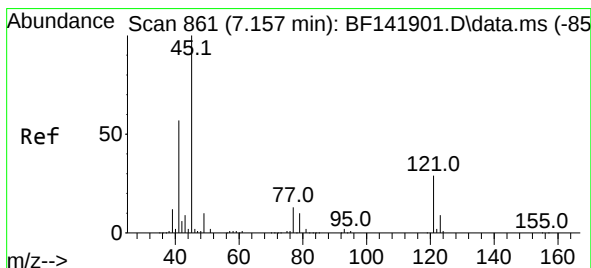
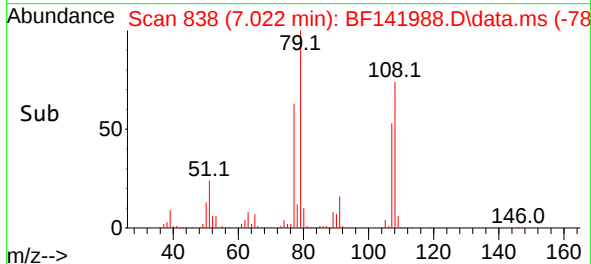
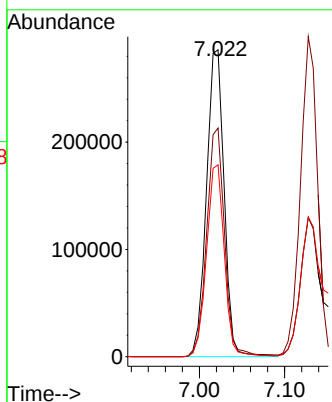
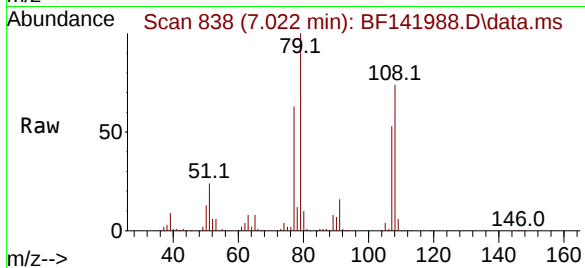




#15
Benzyl Alcohol
Concen: 43.581 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

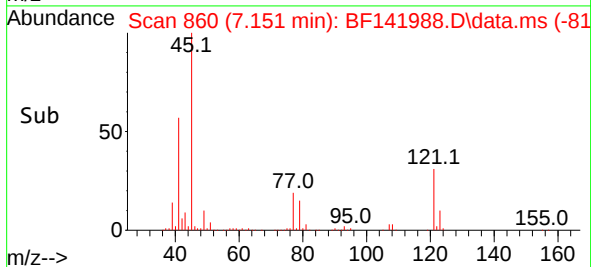
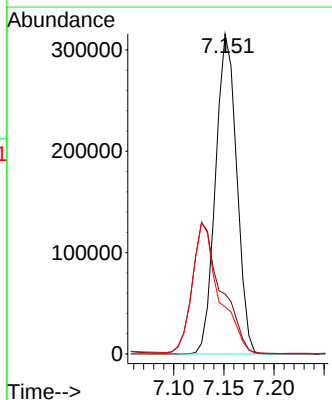
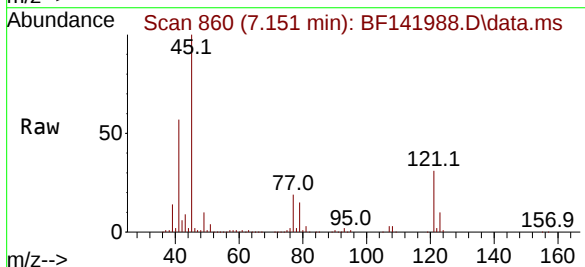
Instrument :
BNA_F
ClientSampleId :
PB167168BS

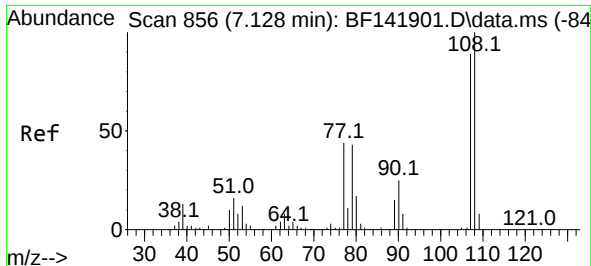
Tgt Ion: 79 Resp: 412918
Ion Ratio Lower Upper
79 100
108 74.5 59.7 89.5
77 62.5 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.359 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion: 45 Resp: 462263
Ion Ratio Lower Upper
45 100
77 18.8 0.0 37.8
79 14.8 0.0 34.2

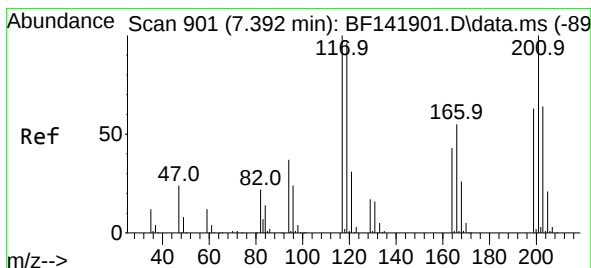
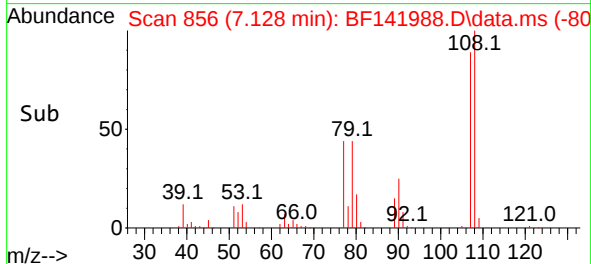
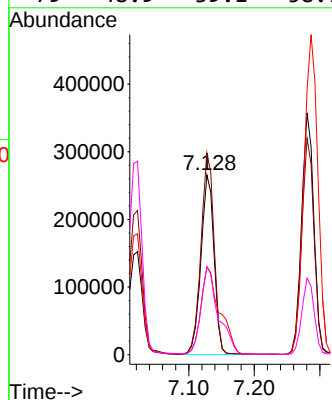
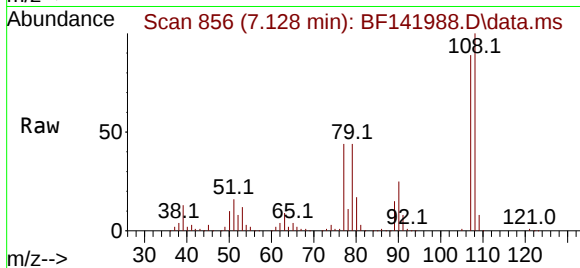




#17
2-Methylphenol
Concen: 45.750 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

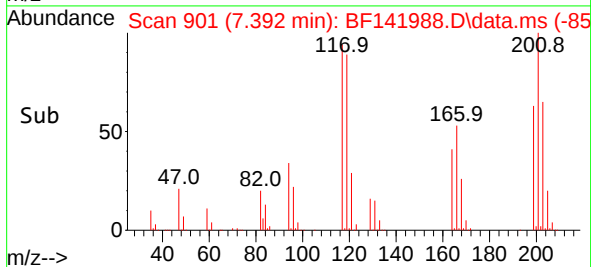
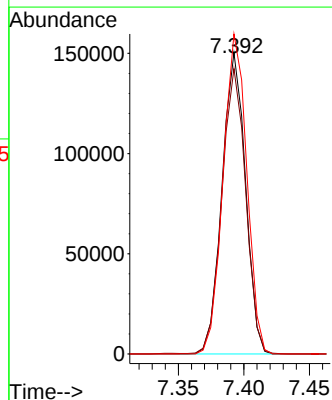
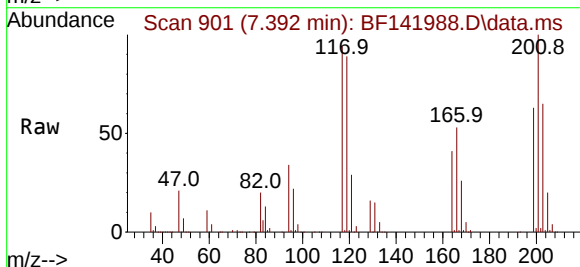
Instrument :
BNA_F
ClientSampleId :
PB167168BS

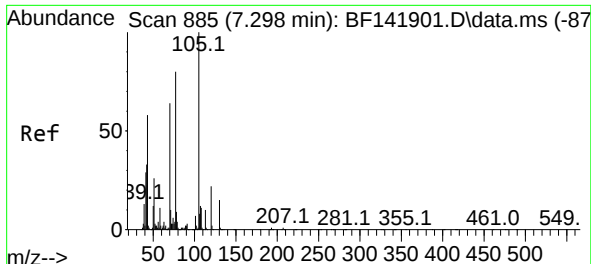
Tgt Ion:	107	Resp:	371351
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.2	135.2
77	48.9	39.6	59.4
79	48.9	39.1	58.7



#18
Hexachloroethane
Concen: 44.646 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:	117	Resp:	186696
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.9	115.3
201	106.3	79.9	119.9

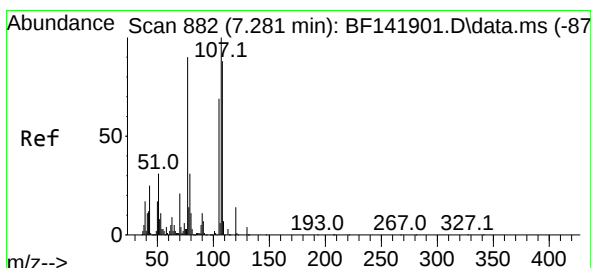
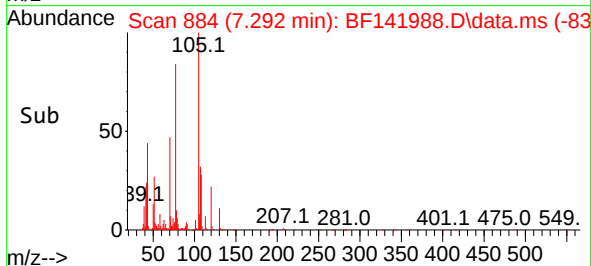
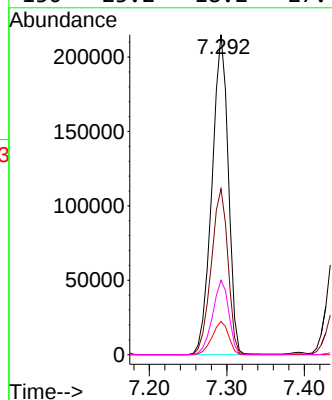
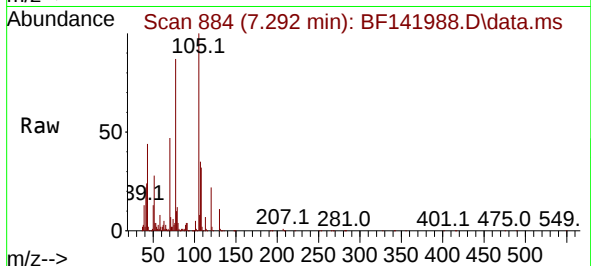




#19
n-Nitroso-di-n-propylamine
Concen: 41.846 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

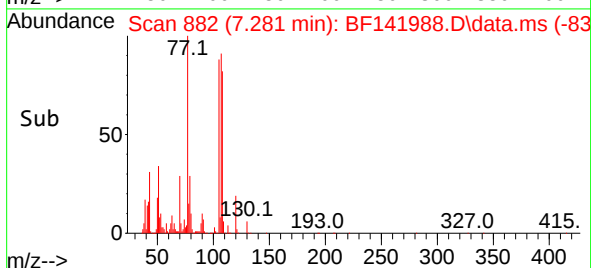
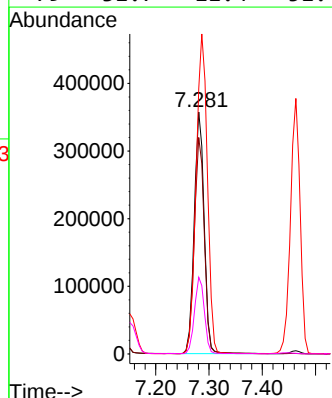
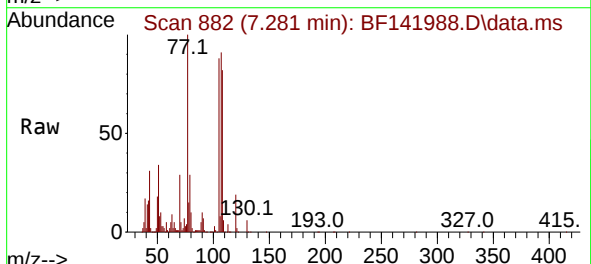
Instrument :
BNA_F
ClientSampleId :
PB167168BS

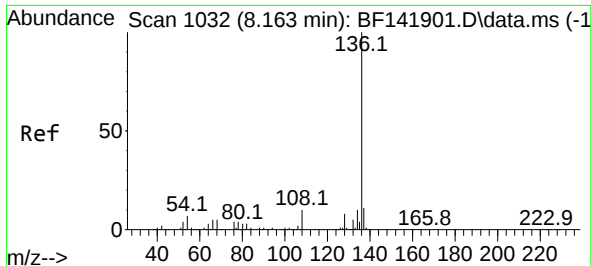
Tgt Ion: 70 Resp: 315123
Ion Ratio Lower Upper
70 100
42 51.9 41.4 62.0
101 10.4 8.2 12.2
130 23.2 18.2 27.4



#20
3+4-Methylphenols
Concen: 44.683 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:107 Resp: 464568
Ion Ratio Lower Upper
107 100
108 89.5 68.4 108.4
77 109.7 69.7 109.7#
79 31.7 11.4 51.4

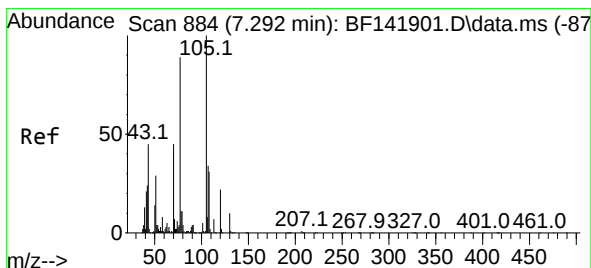
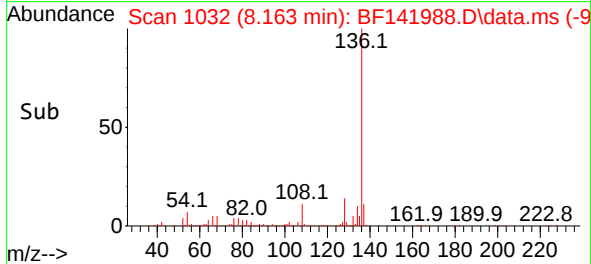
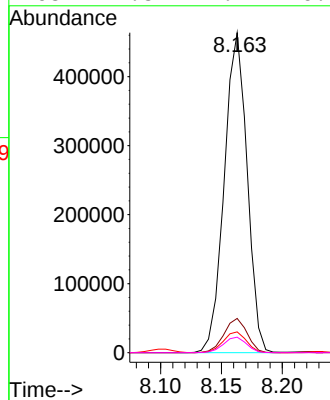
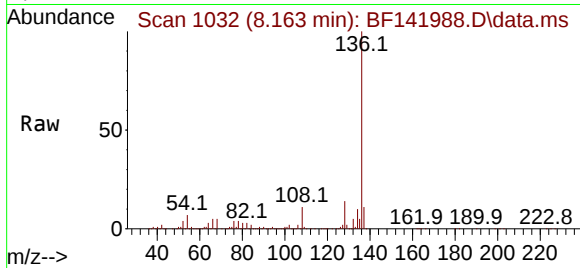




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

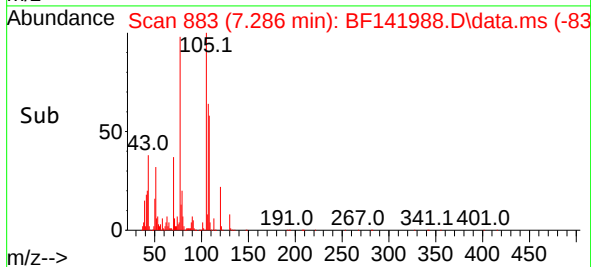
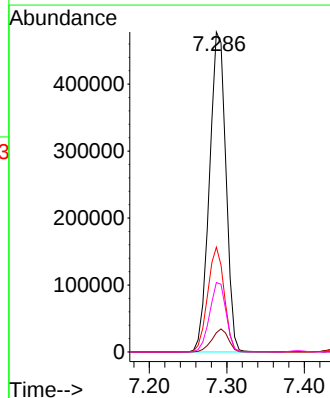
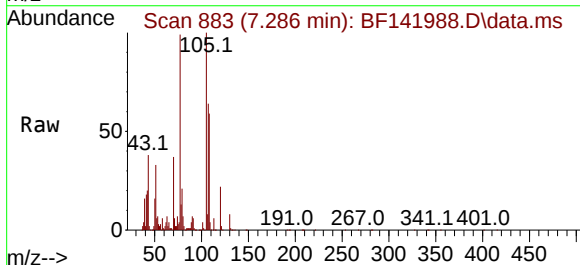
Instrument :
BNA_F
ClientSampleId :
PB167168BS

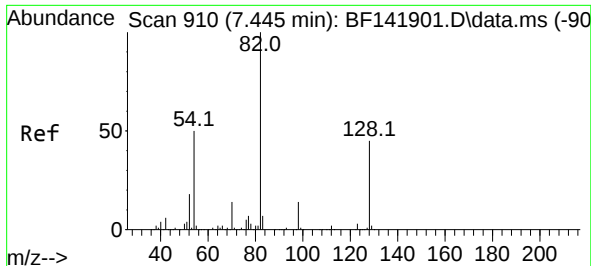
Tgt Ion:136	Resp: 605121
Ion Ratio	Lower Upper
136 100	
137 10.7	8.8 13.2
54 6.5	5.8 8.8
68 4.8	4.1 6.1



#22
Acetophenone
Concen: 48.567 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt	Ion:105	Resp:	703789
Ion	Ratio	Lower	Upper
105	100		
71	6.0	5.8	8.8
51	32.7	23.4	35.0
120	21.7	17.3	25.9





#23

Nitrobenzene-d5

Concen: 97.032 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

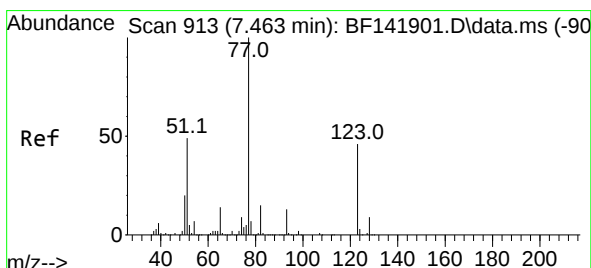
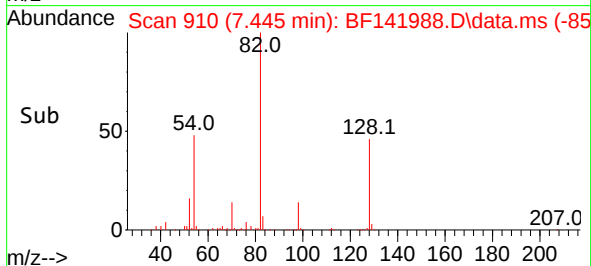
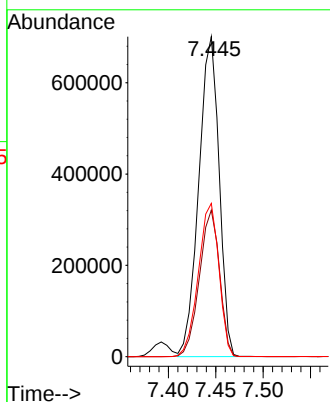
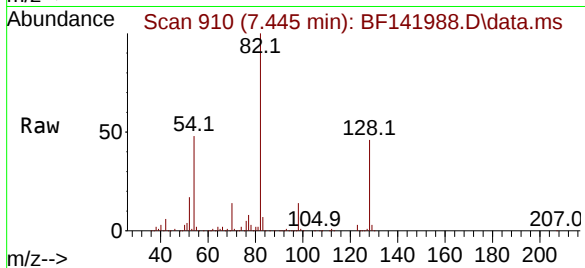
Tgt Ion: 82 Resp: 1043365

Ion Ratio Lower Upper

82 100

128 45.8 36.0 54.0

54 47.9 39.6 59.4



#24

Nitrobenzene

Concen: 44.560 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

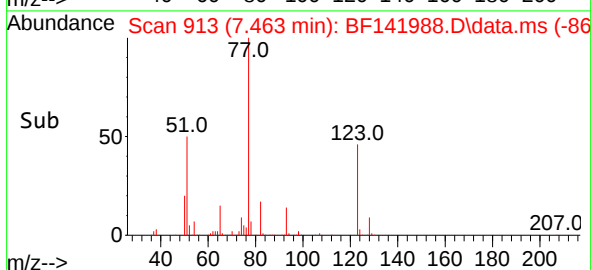
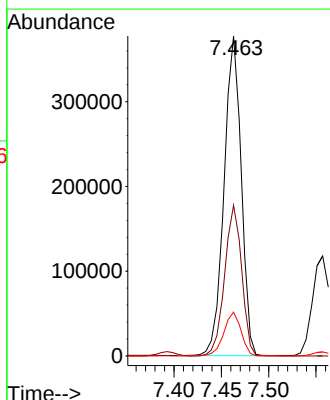
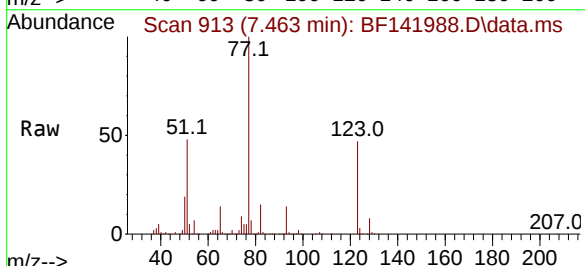
Tgt Ion: 77 Resp: 476326

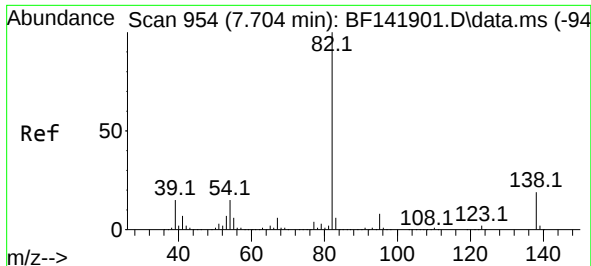
Ion Ratio Lower Upper

77 100

123 47.1 37.0 55.4

65 13.7 11.3 16.9

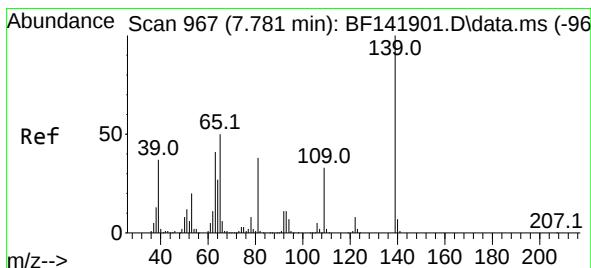
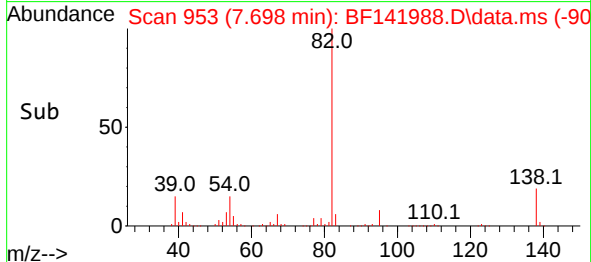
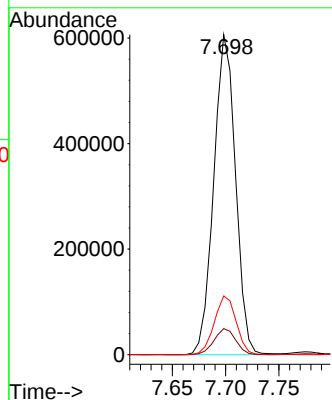
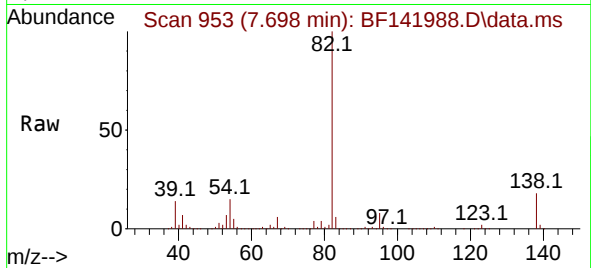




#25
Isophorone
Concen: 45.339 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

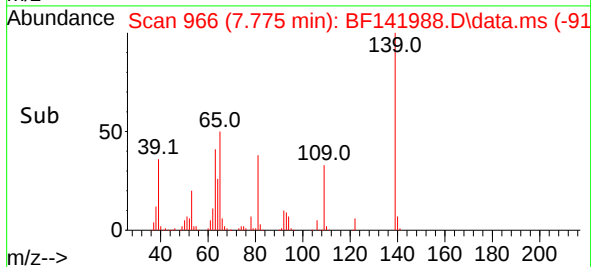
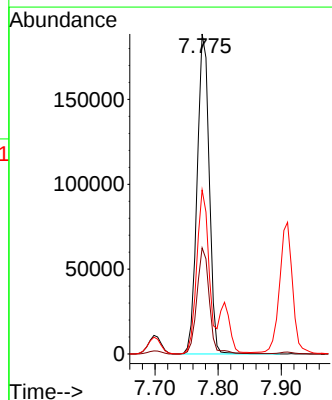
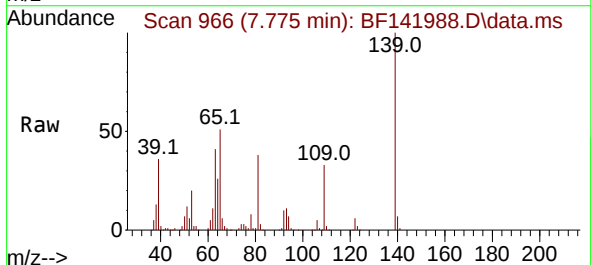
Instrument :
BNA_F
ClientSampleId :
PB167168BS

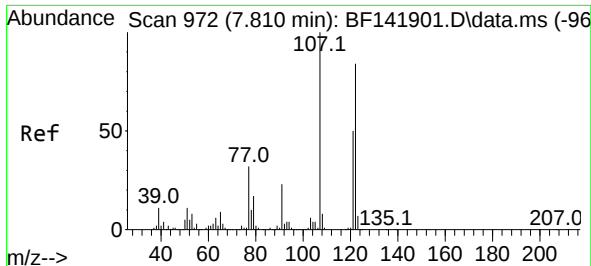
Tgt Ion: 82 Resp: 861775
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.3 14.9 22.3



#26
2-Nitrophenol
Concen: 47.756 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:139 Resp: 250549
Ion Ratio Lower Upper
139 100
109 33.1 26.5 39.7
65 51.2 40.3 60.5

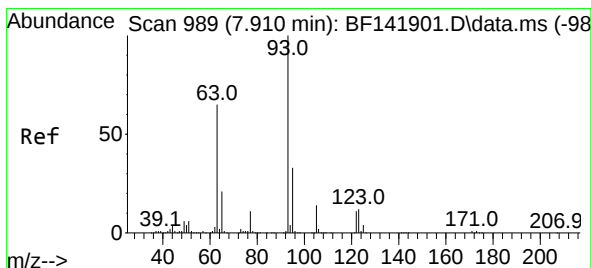
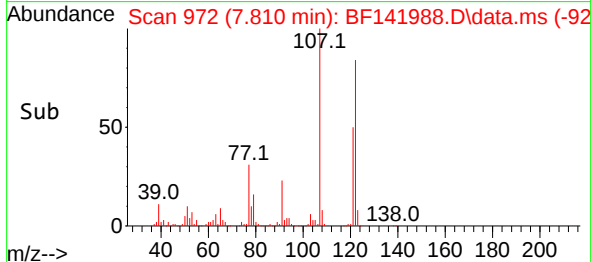
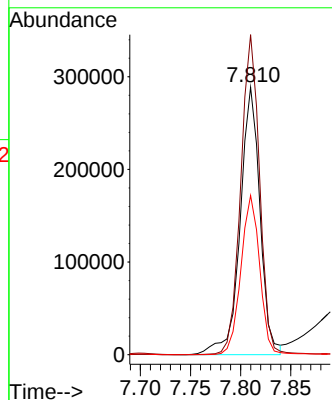
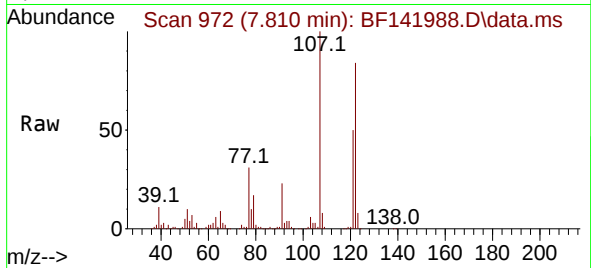




#27
2,4-Dimethylphenol
Concen: 55.226 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

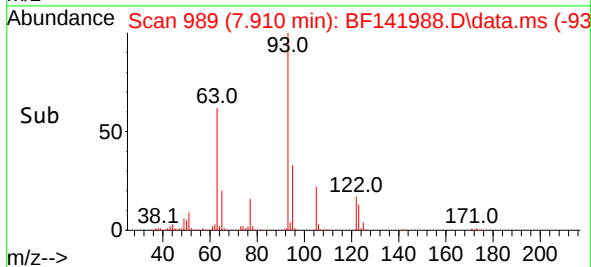
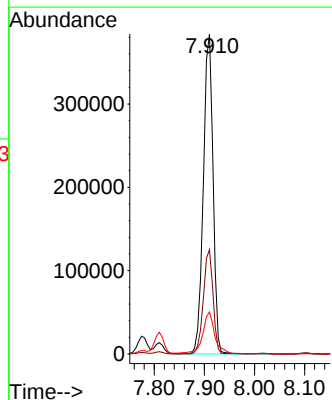
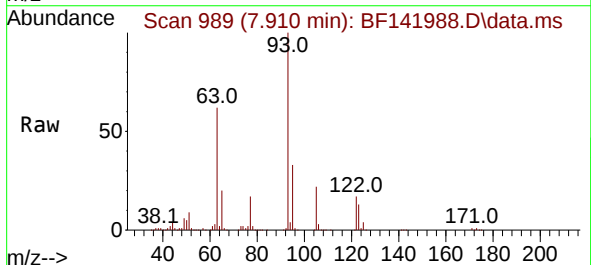
Instrument :
BNA_F
ClientSampleId :
PB167168BS

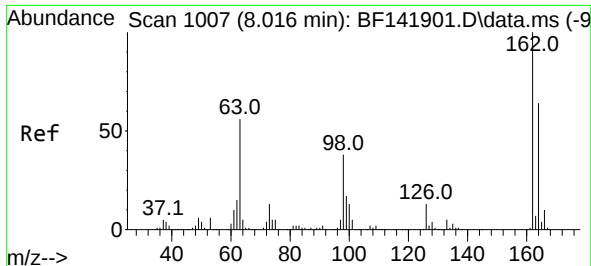
Tgt Ion:122 Resp: 398959
Ion Ratio Lower Upper
122 100
107 119.6 94.8 142.2
121 59.5 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.409 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion: 93 Resp: 517502
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.955 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

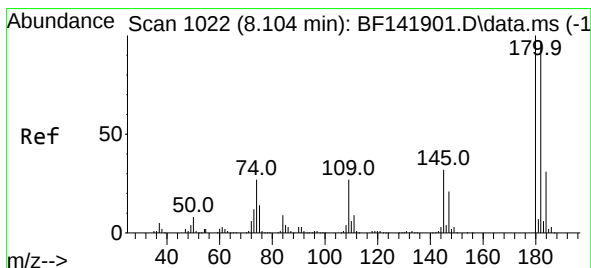
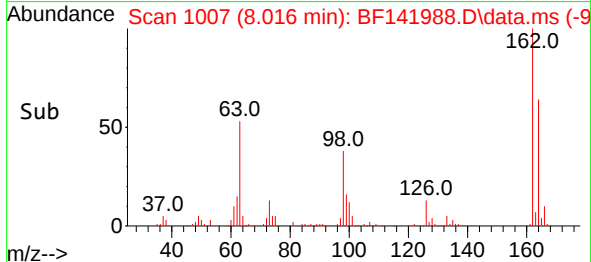
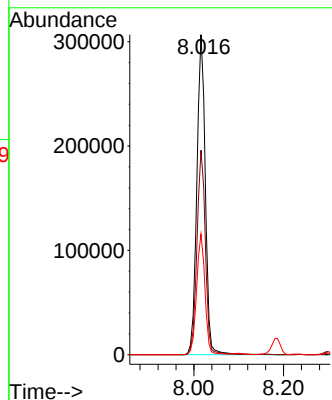
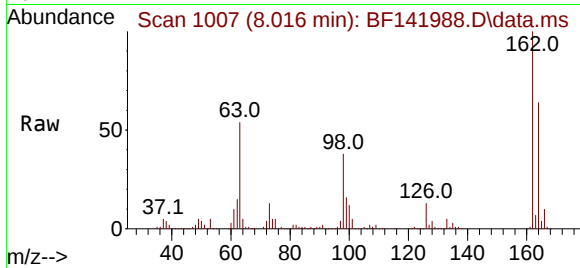
Tgt Ion:162 Resp: 403105

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 37.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.802 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

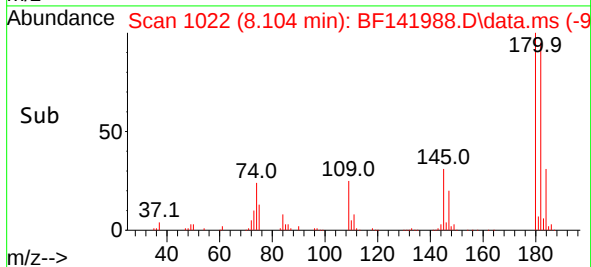
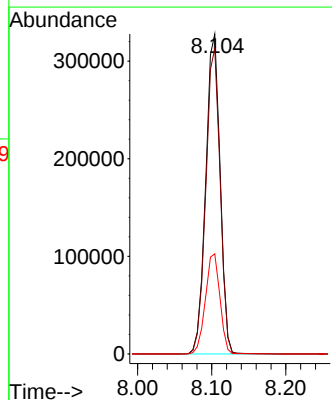
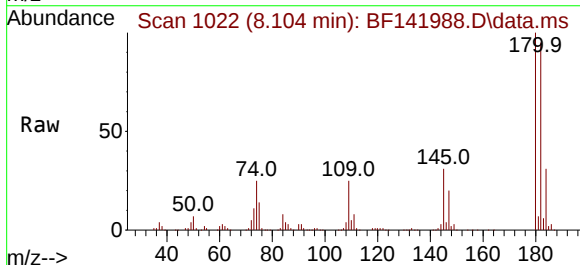
Tgt Ion:180 Resp: 442720

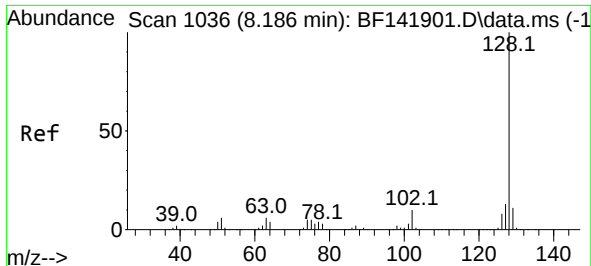
Ion Ratio Lower Upper

180 100

182 95.4 77.5 116.3

145 31.3 25.8 38.6

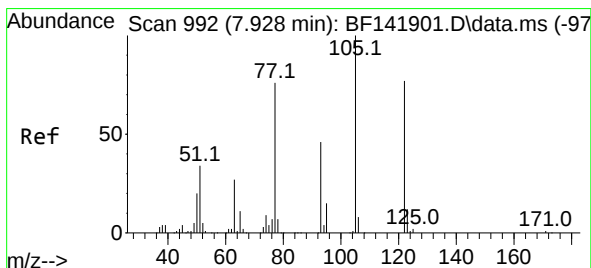
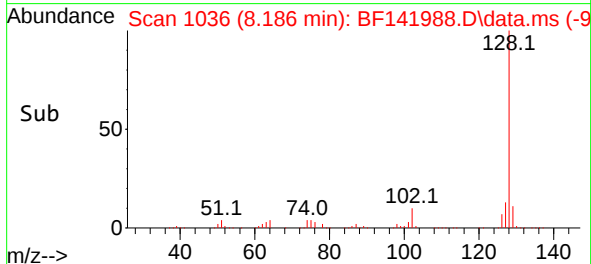
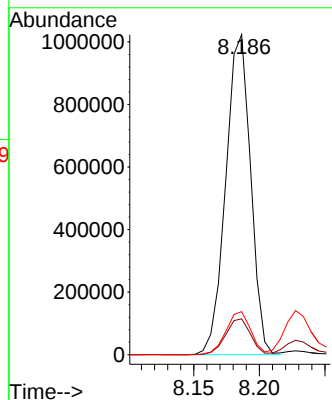
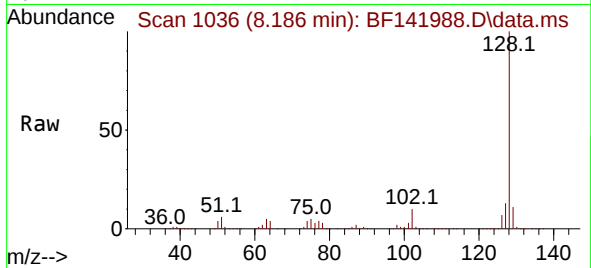




#31
Naphthalene
Concen: 43.417 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

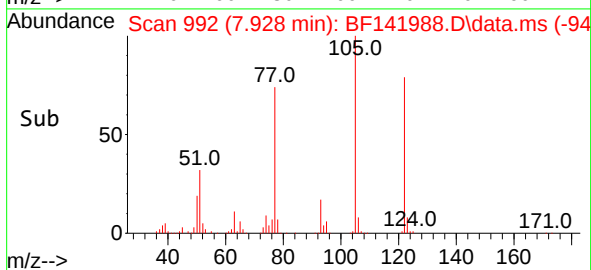
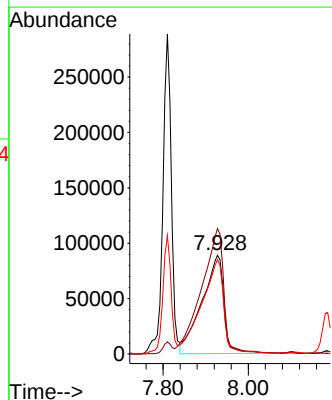
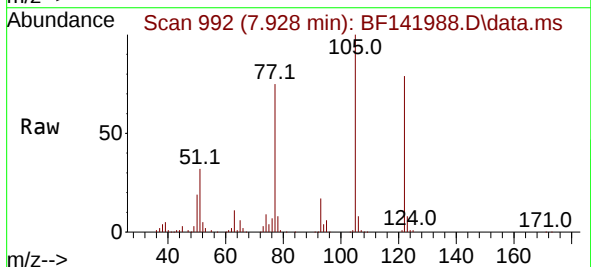
Instrument :
BNA_F
ClientSampleId :
PB167168BS

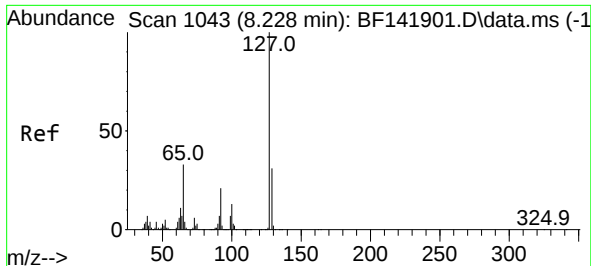
Tgt Ion:128 Resp: 1349583
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 50.192 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:122 Resp: 318732
Ion Ratio Lower Upper
122 100
105 126.9 107.9 147.9
77 95.4 79.0 119.0

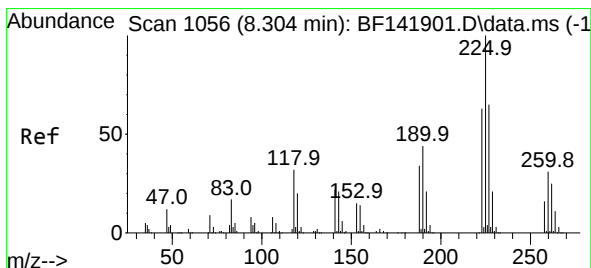
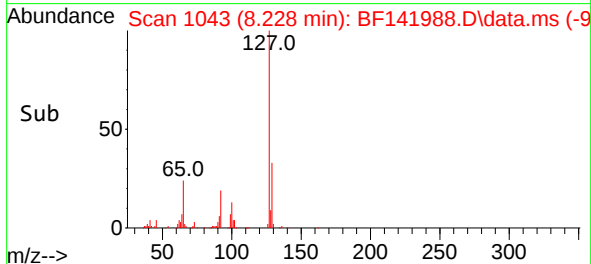
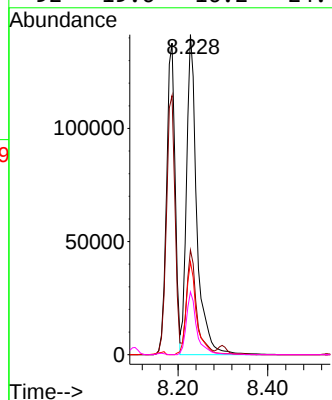
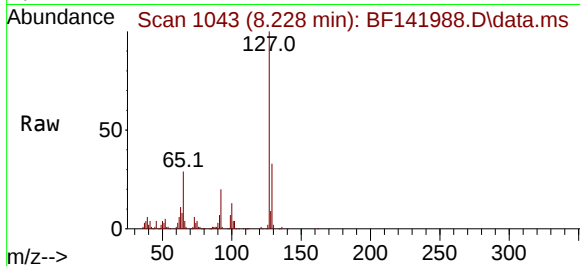




#33
4-Chloroaniline
Concen: 20.593 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

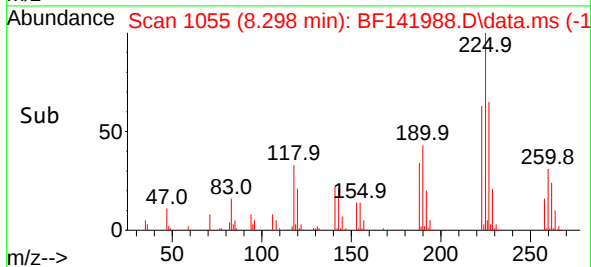
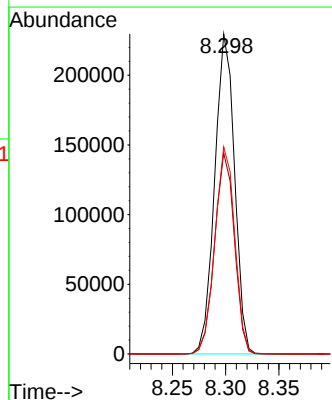
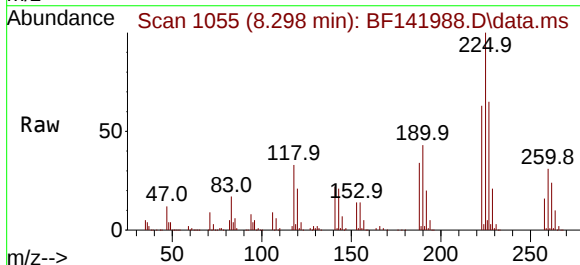
Instrument :
BNA_F
ClientSampleId :
PB167168BS

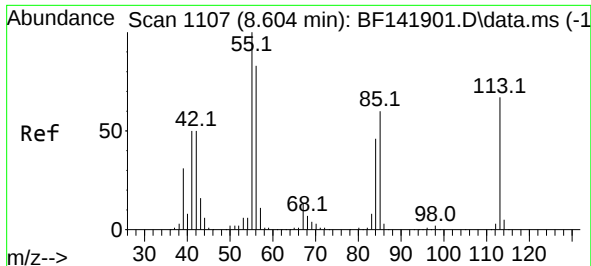
Tgt Ion:	127	Resp:	225971
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.4
65	29.0	25.4	38.2
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 46.093 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:	225	Resp:	297040
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	64.7	52.2	78.2

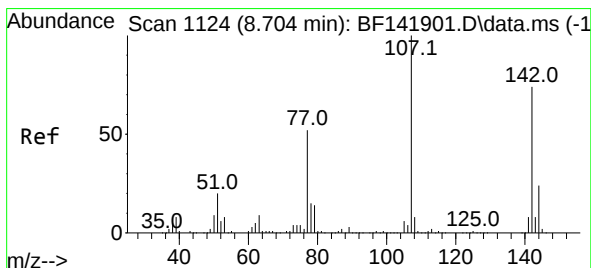
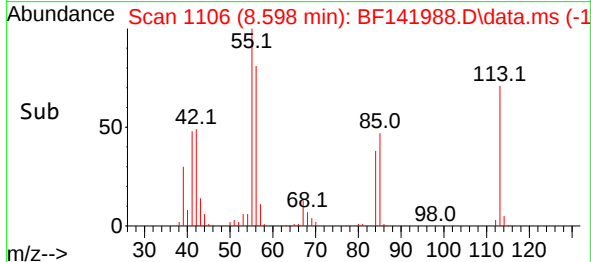
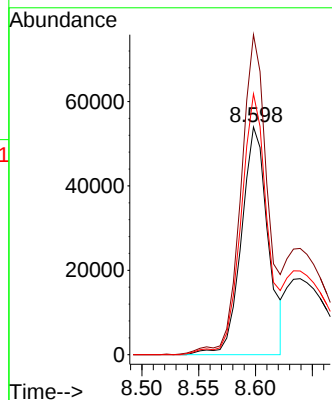
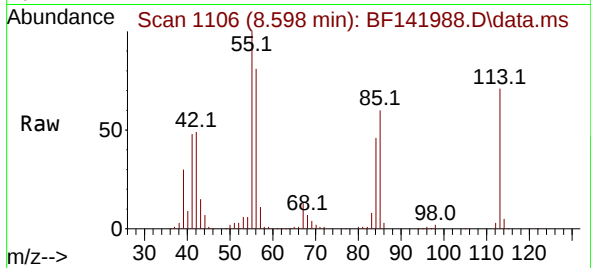




#35
Caprolactam
Concen: 32.067 ng
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

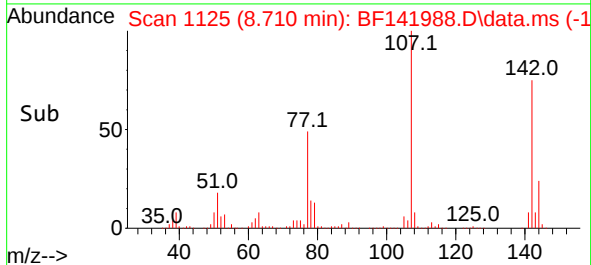
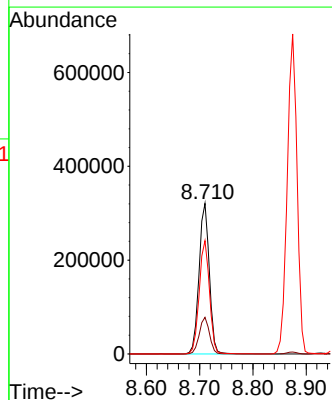
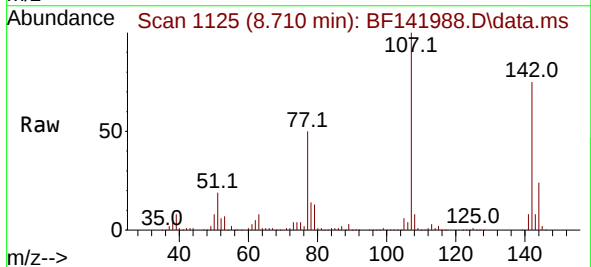
Instrument :
BNA_F
ClientSampleId :
PB167168BS

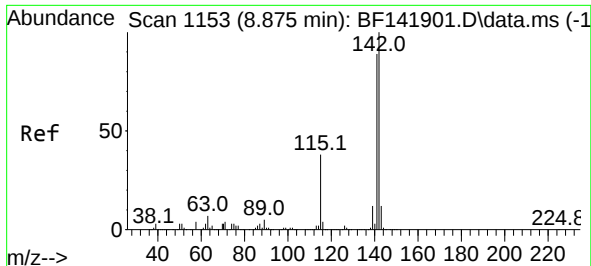
Tgt Ion:113 Resp: 87663
Ion Ratio Lower Upper
113 100
55 140.5 129.6 169.6
56 114.5 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 43.152 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:107 Resp: 431630
Ion Ratio Lower Upper
107 100
144 24.3 19.0 28.6
142 75.2 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.173 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

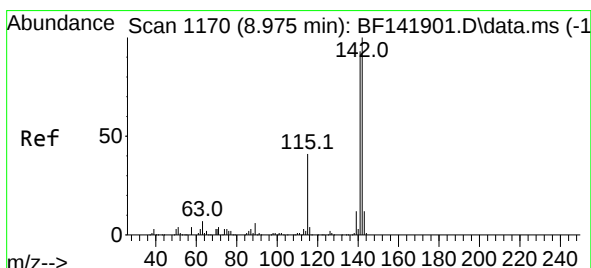
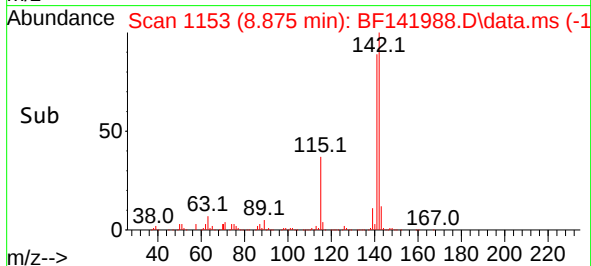
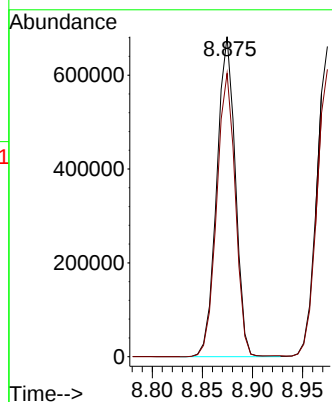
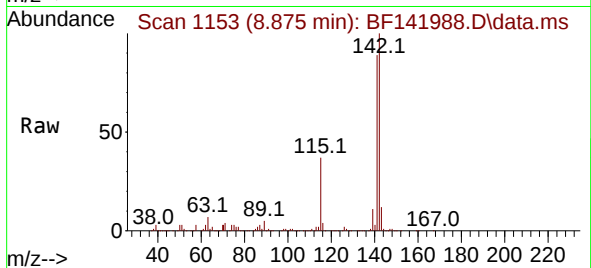
PB167168BS

Tgt Ion:142 Resp: 876224

Ion Ratio Lower Upper

142 100

141 88.6 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.077 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141988.D

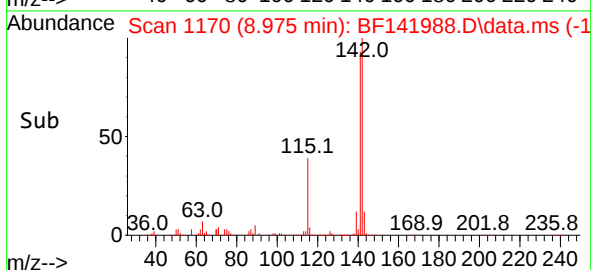
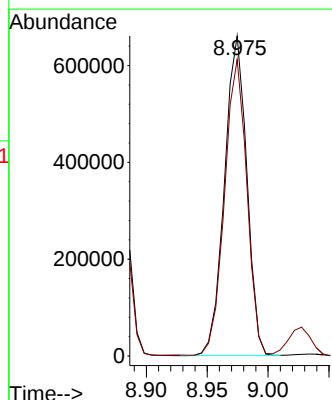
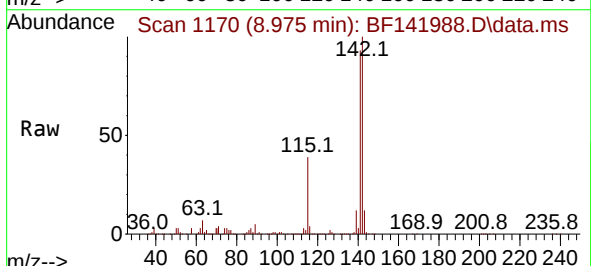
Acq: 18 Mar 2025 10:59

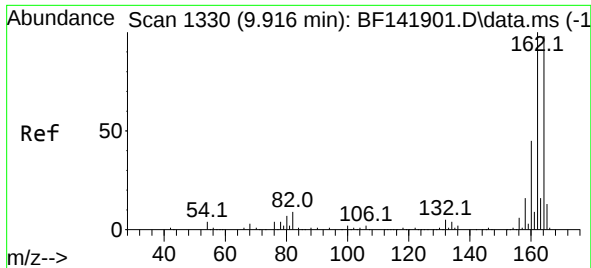
Tgt Ion:142 Resp: 843623

Ion Ratio Lower Upper

142 100

141 92.6 74.2 111.4

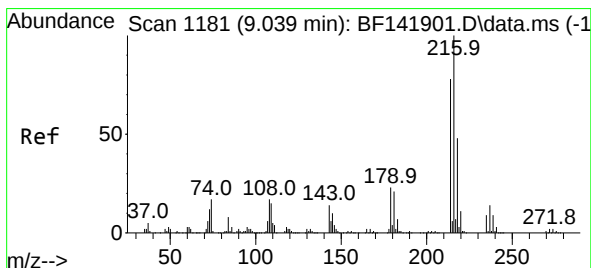
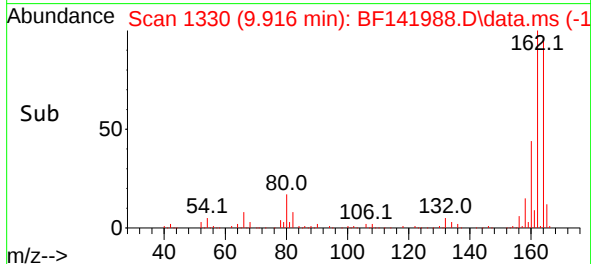
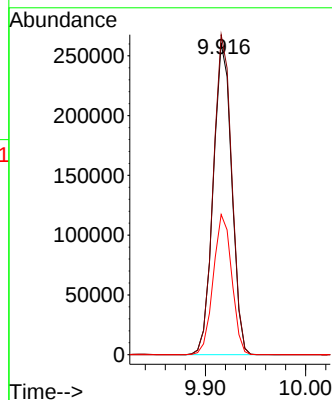
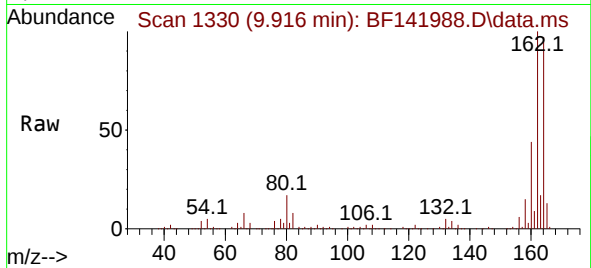




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

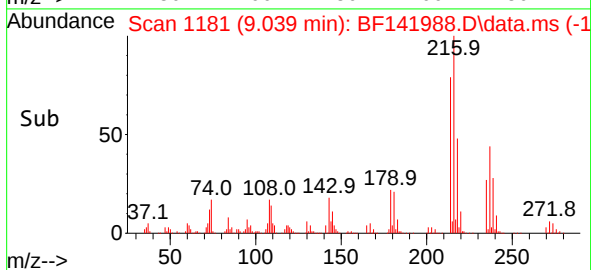
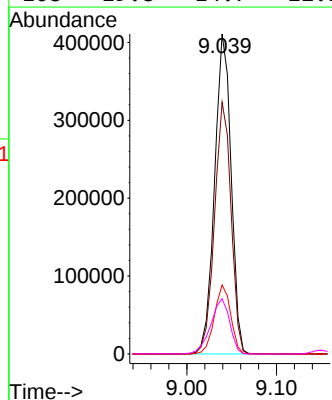
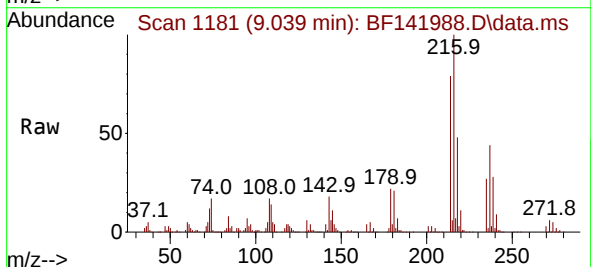
Instrument :
BNA_F
ClientSampleId :
PB167168BS

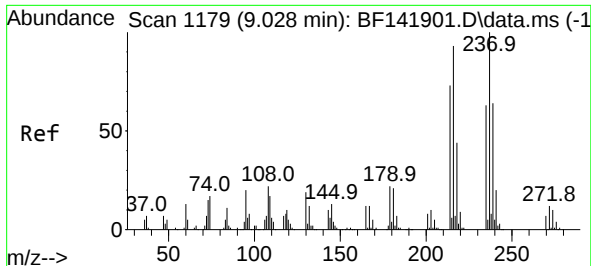
Tgt Ion:164 Resp: 333256
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 45.0 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.726 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:216 Resp: 524826
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 21.4 18.1 27.1
108 19.8 14.7 22.1

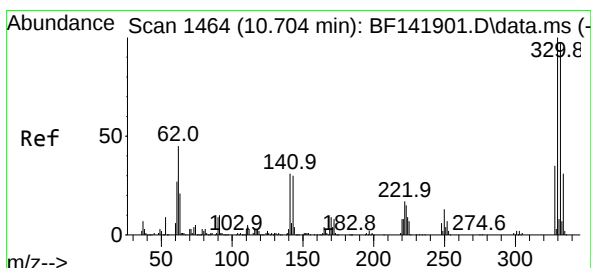
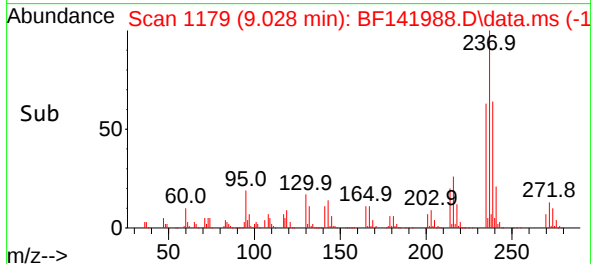
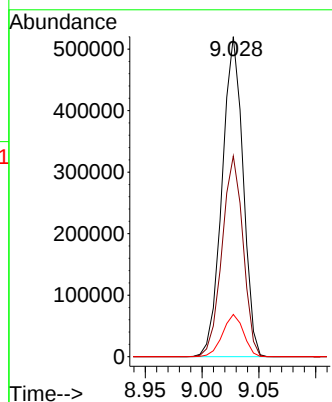
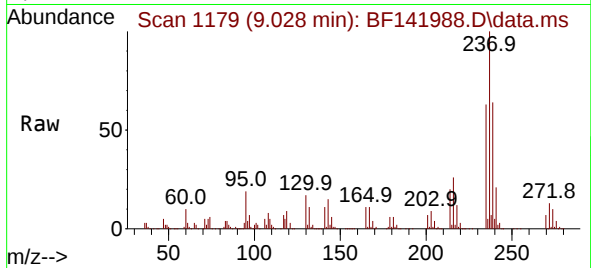




#41
Hexachlorocyclopentadiene
Concen: 168.290 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

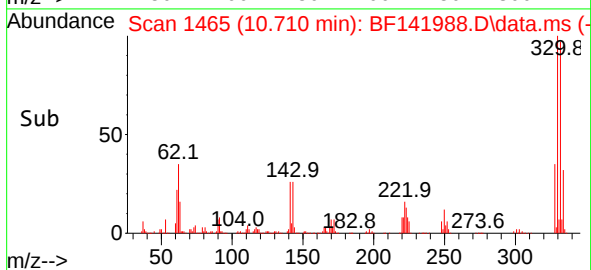
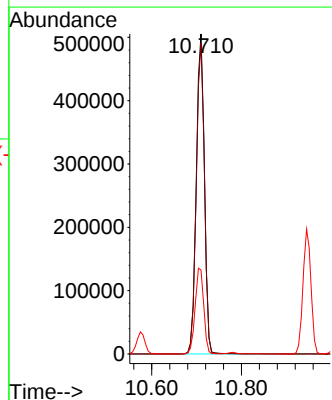
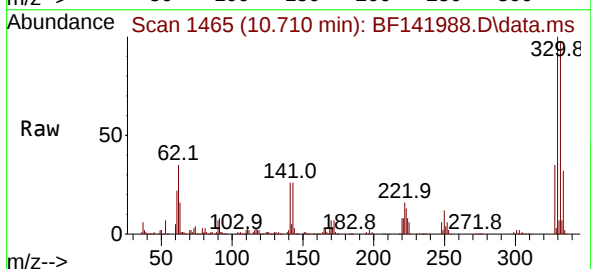
Instrument :
BNA_F
ClientSampleId :
PB167168BS

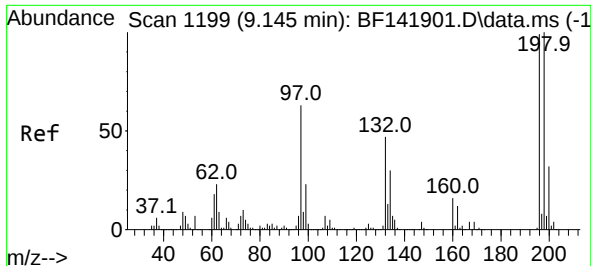
Tgt Ion:237 Resp: 668256
Ion Ratio Lower Upper
237 100
235 62.7 43.1 83.1
272 13.2 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 150.024 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:330 Resp: 634270
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 28.4 24.7 37.1

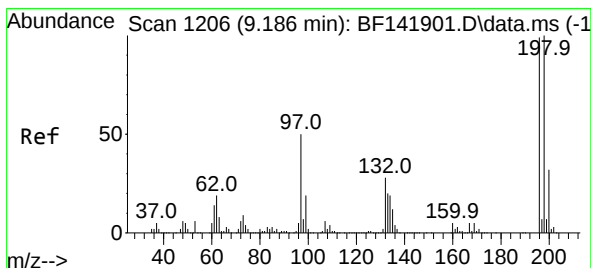
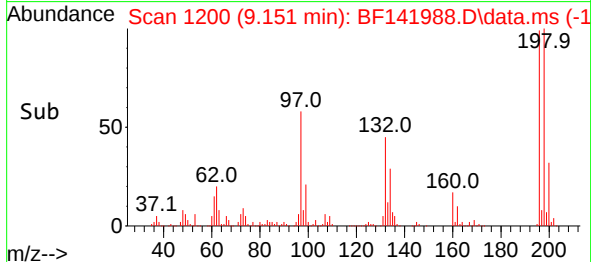
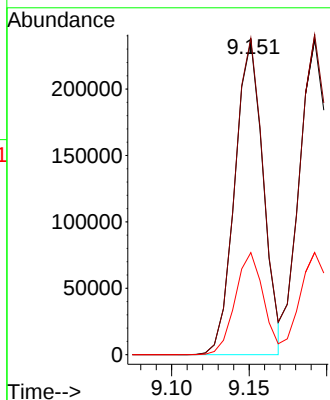
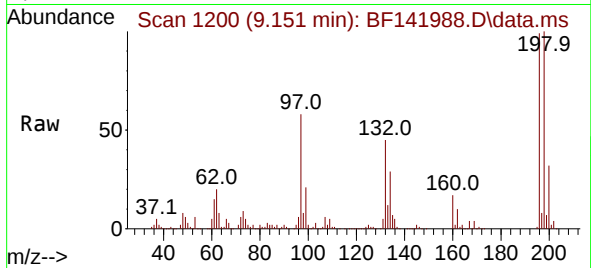




#43
2,4,6-Trichlorophenol
Concen: 45.456 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

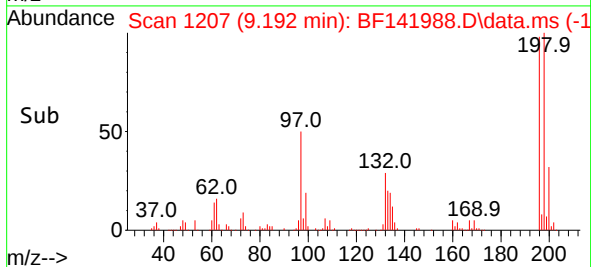
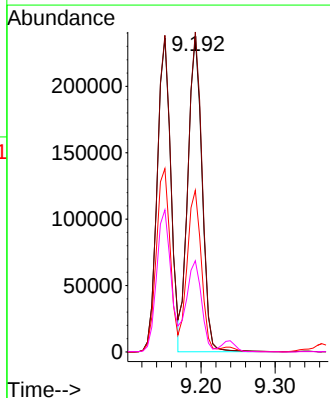
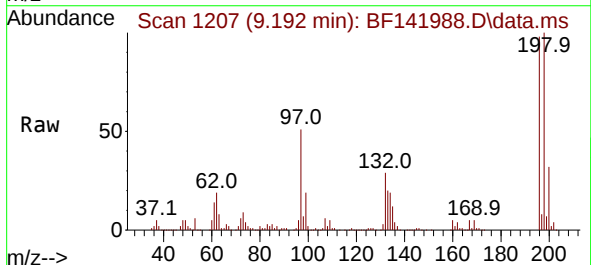
Instrument :
BNA_F
ClientSampleId :
PB167168BS

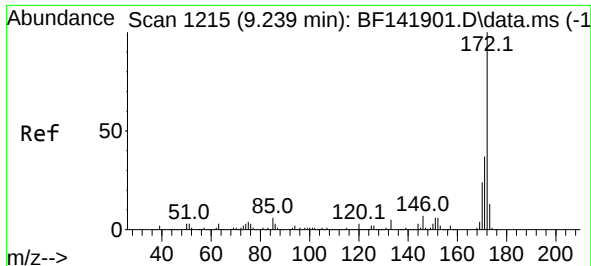
Tgt Ion:196 Resp: 301417
Ion Ratio Lower Upper
196 100
198 100.9 80.6 121.0
200 32.5 25.8 38.6



#44
2,4,5-Trichlorophenol
Concen: 46.874 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:196 Resp: 314799
Ion Ratio Lower Upper
196 100
198 101.5 80.7 121.1
97 51.3 42.1 63.1
132 29.0 23.4 35.2

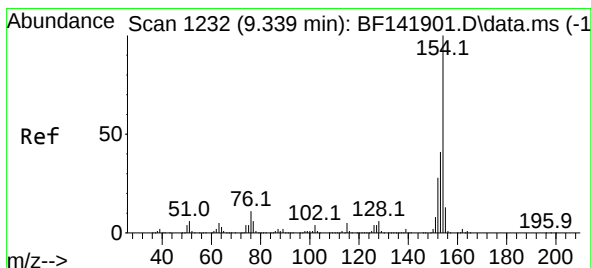
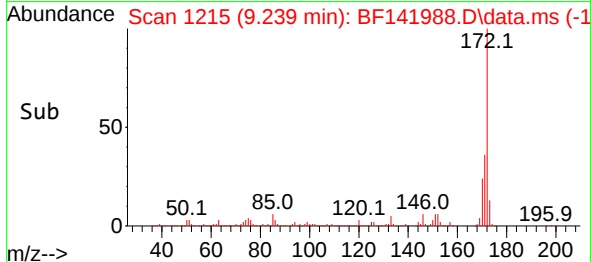
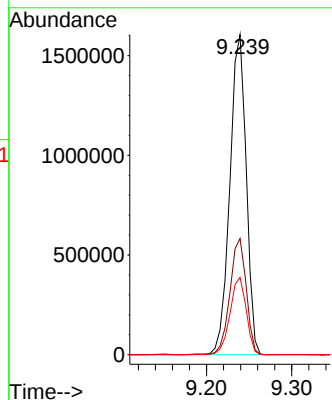
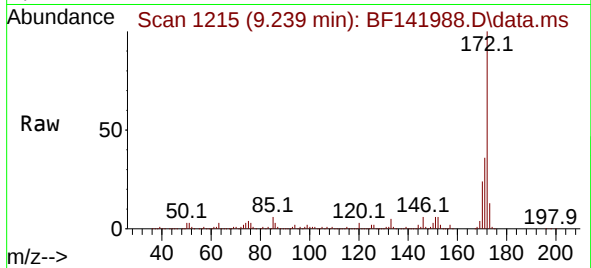




#45
2-Fluorobiphenyl
Concen: 97.649 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

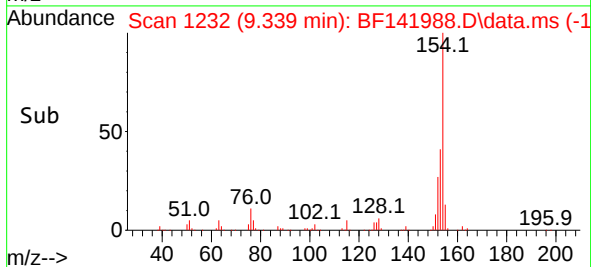
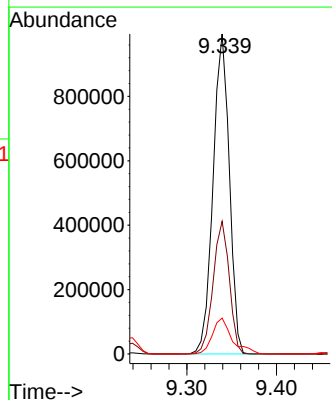
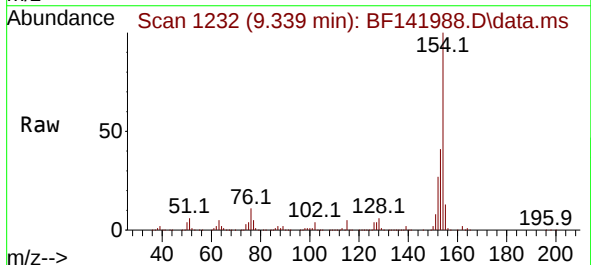
Instrument :
BNA_F
ClientSampleId :
PB167168BS

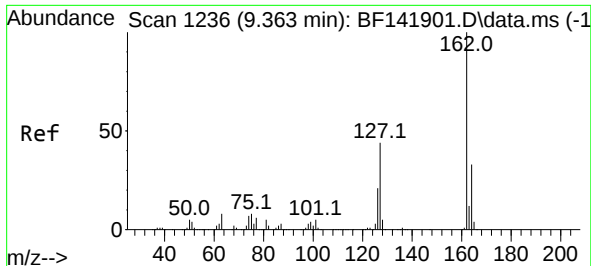
Tgt Ion:172 Resp: 2139796
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 24.1 19.4 29.0



#46
1,1'-Biphenyl
Concen: 49.420 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:154 Resp: 1251387
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 11.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 45.544 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

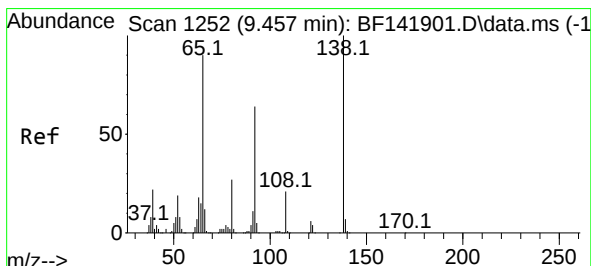
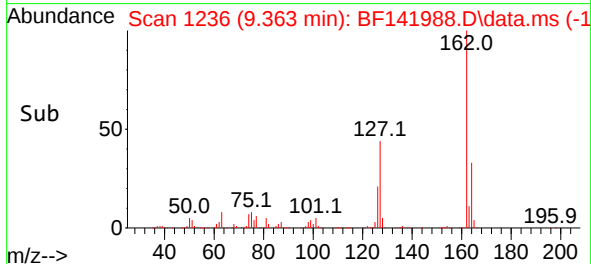
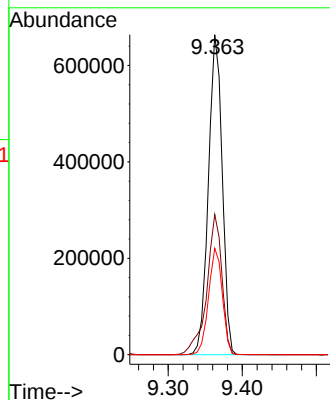
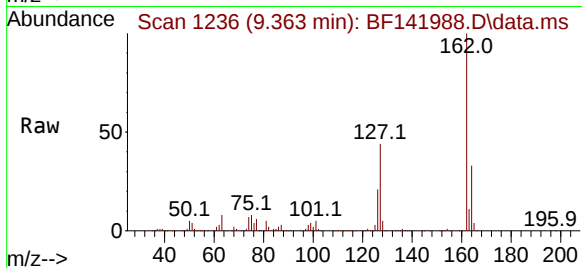
Tgt Ion:162 Resp: 859555

Ion Ratio Lower Upper

162 100

127 43.8 35.5 53.3

164 33.2 26.6 40.0



#48

2-Nitroaniline

Concen: 44.601 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

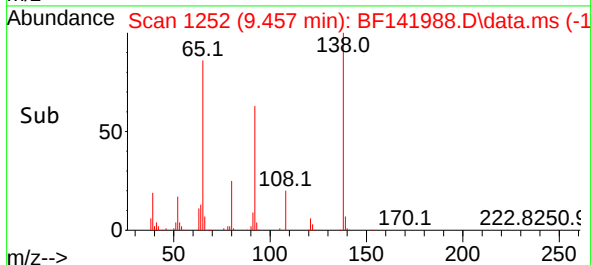
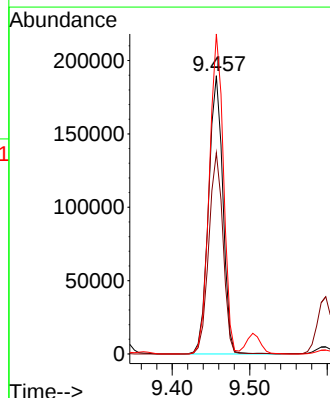
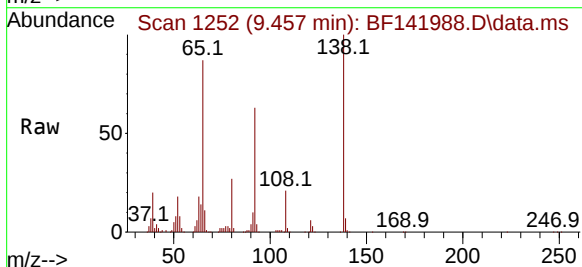
Tgt Ion: 65 Resp: 243726

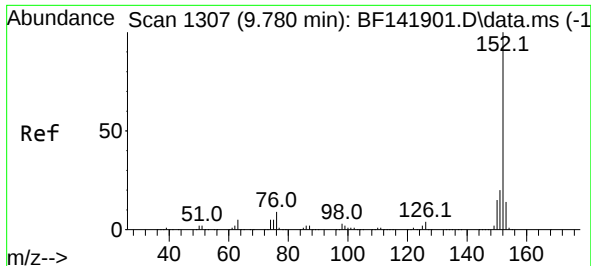
Ion Ratio Lower Upper

65 100

92 72.3 56.6 84.8

138 115.0 88.6 133.0

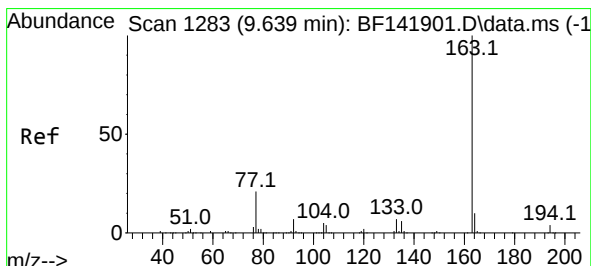
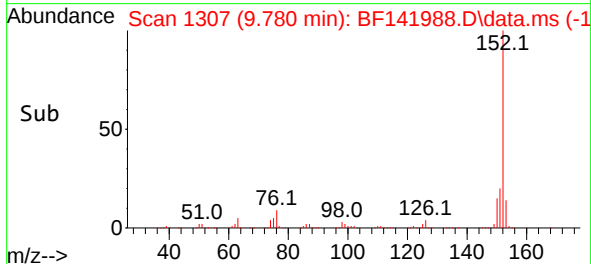
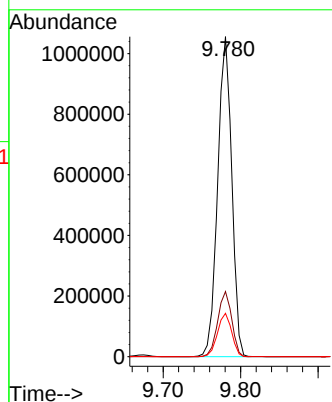
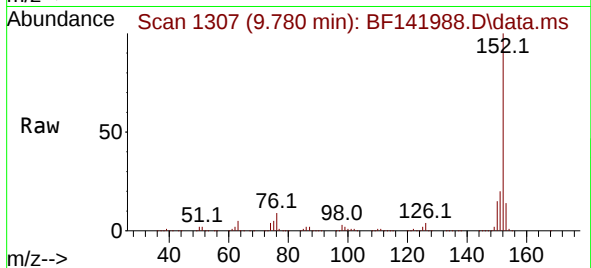




#49
Acenaphthylene
Concen: 47.682 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

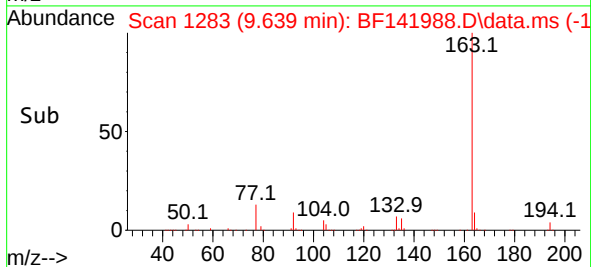
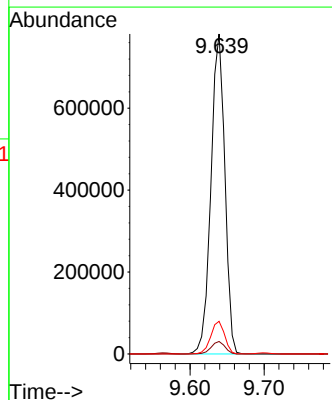
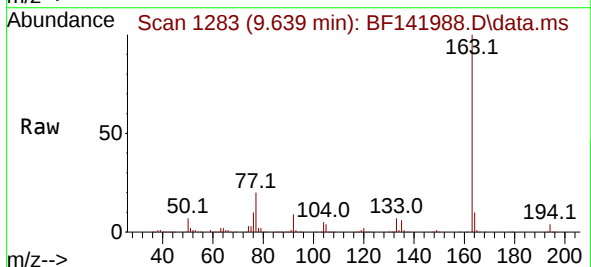
Instrument :
BNA_F
ClientSampleId :
PB167168BS

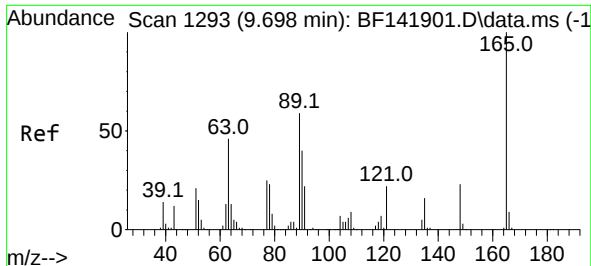
Tgt Ion:152 Resp: 1335434
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.5 11.1 16.7



#50
Dimethylphthalate
Concen: 43.521 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:163 Resp: 1015664
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4

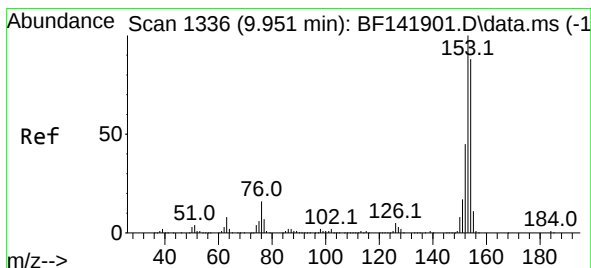
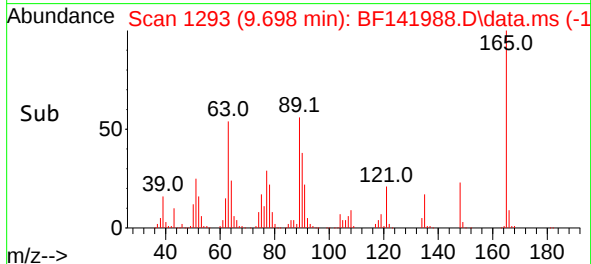
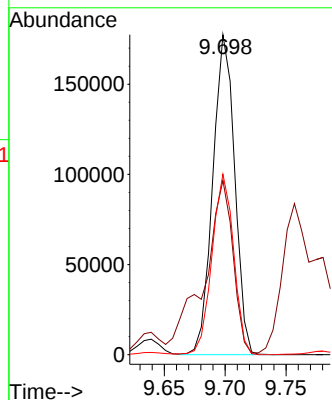
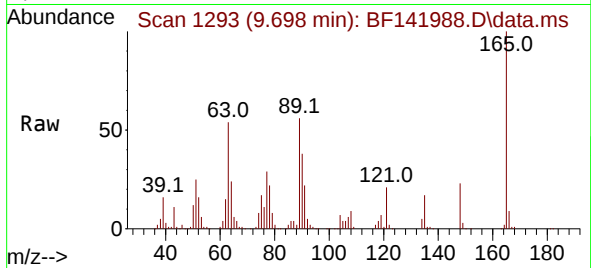




#51
2,6-Dinitrotoluene
Concen: 45.610 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

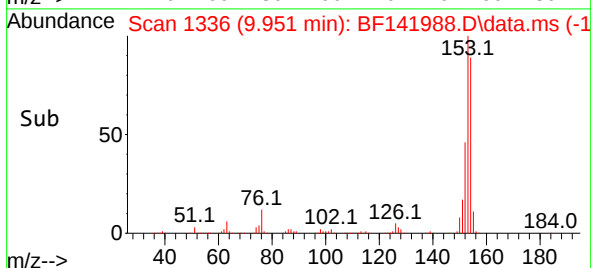
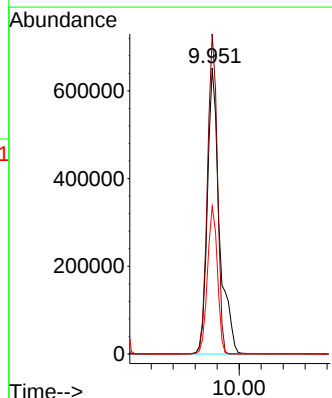
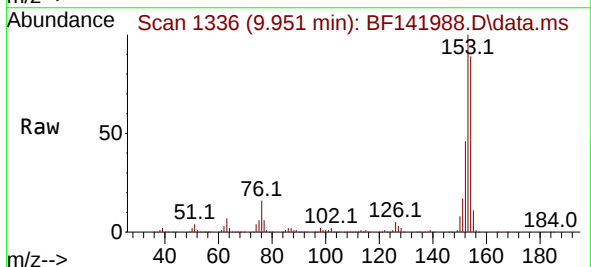
Instrument :
BNA_F
ClientSampleId :
PB167168BS

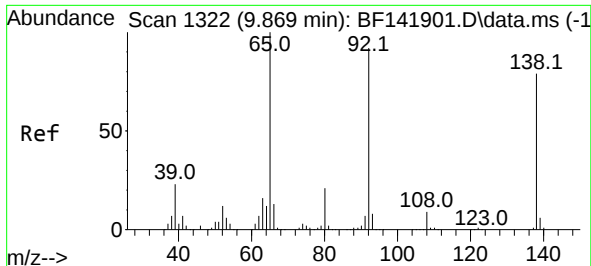
Tgt Ion:165 Resp: 221617
Ion Ratio Lower Upper
165 100
63 54.5 47.0 70.4
89 56.4 47.4 71.2



#52
Acenaphthene
Concen: 50.351 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:154 Resp: 991021
Ion Ratio Lower Upper
154 100
153 111.9 90.7 136.1
152 51.7 41.1 61.7

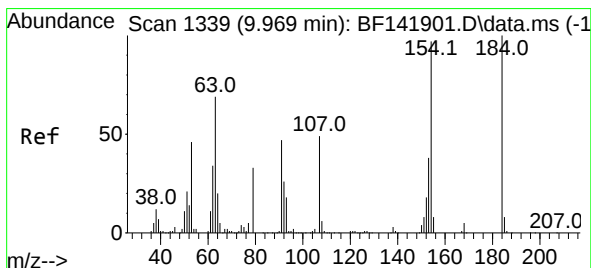
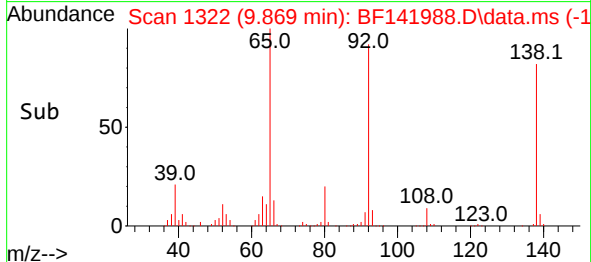
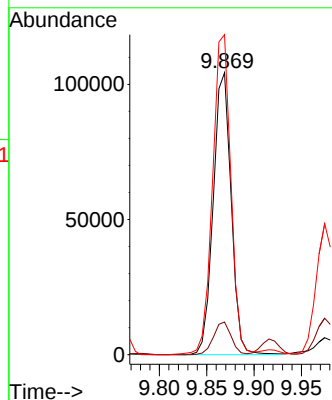
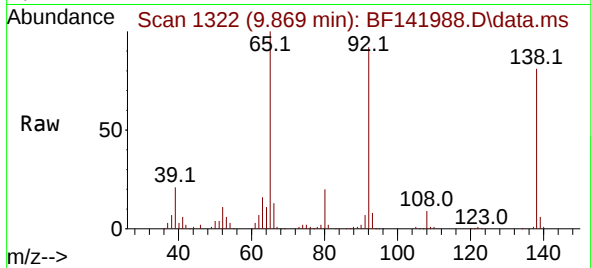




#53
3-Nitroaniline
Concen: 27.894 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

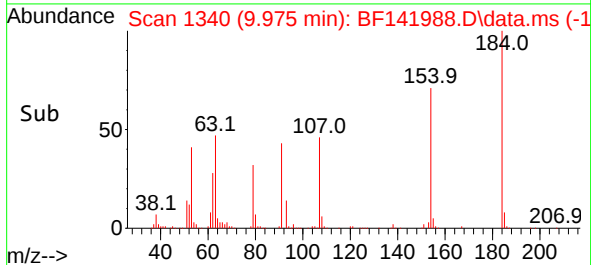
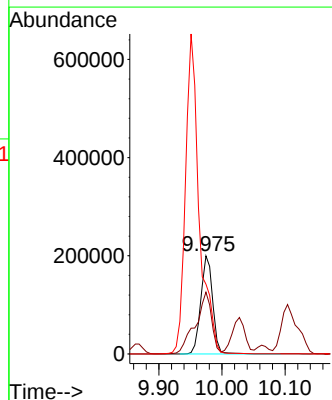
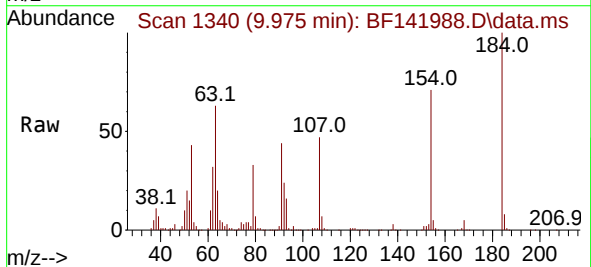
Instrument :
BNA_F
ClientSampleId :
PB167168BS

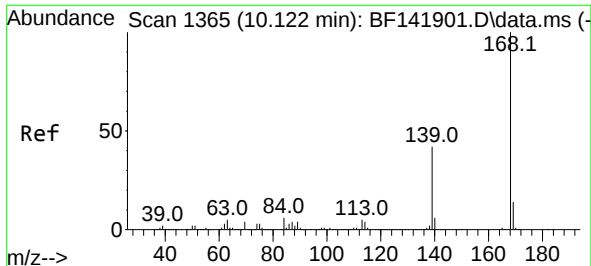
Tgt Ion:138 Resp: 137483
Ion Ratio Lower Upper
138 100
108 11.6 9.3 13.9
92 113.5 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 93.511 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:184 Resp: 261502
Ion Ratio Lower Upper
184 100
63 63.0 60.2 90.4
154 71.1 132.9 199.3#

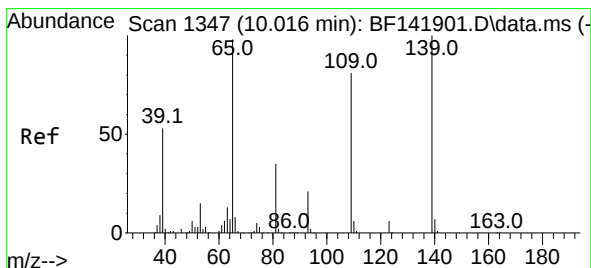
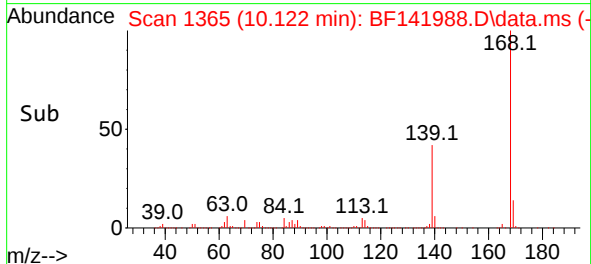
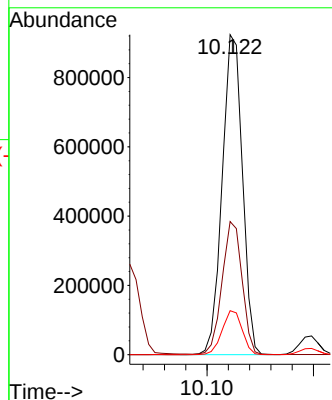
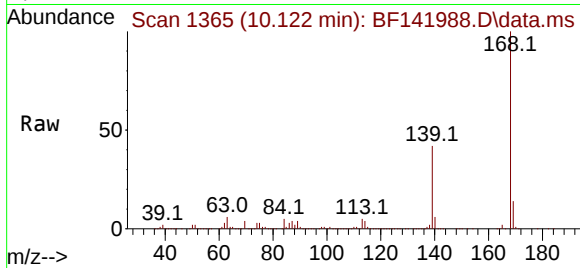




#55
Dibenzenofuran
Concen: 43.277 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

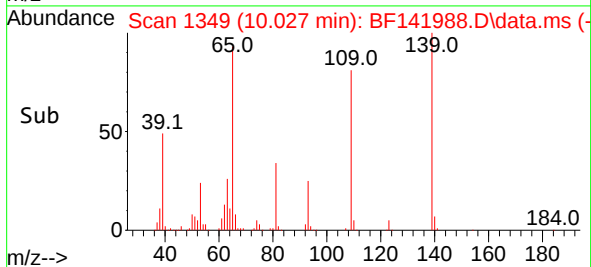
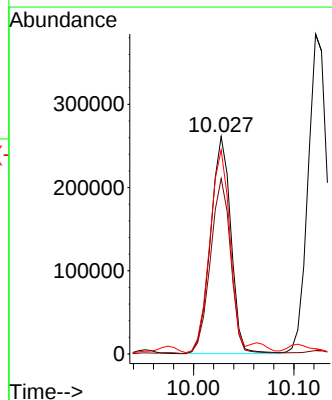
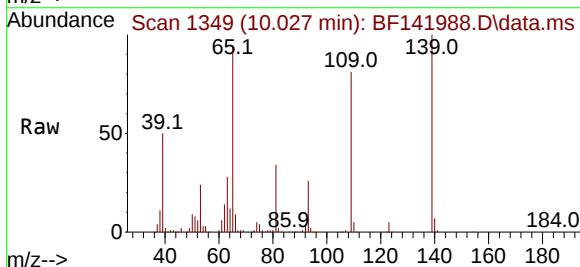
Instrument :
BNA_F
ClientSampleId :
PB167168BS

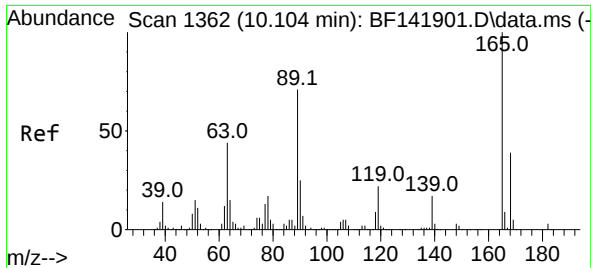
Tgt Ion:168 Resp: 1217099
Ion Ratio Lower Upper
168 100
139 41.6 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 98.900 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:139 Resp: 367609
Ion Ratio Lower Upper
139 100
109 80.7 61.6 101.6
65 93.8 79.4 119.4

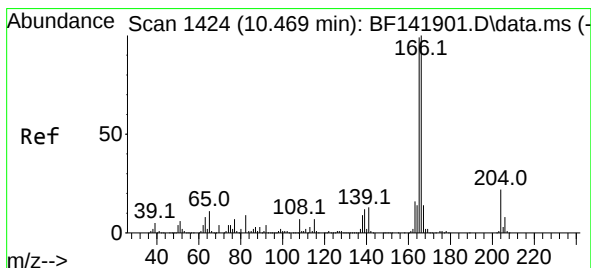
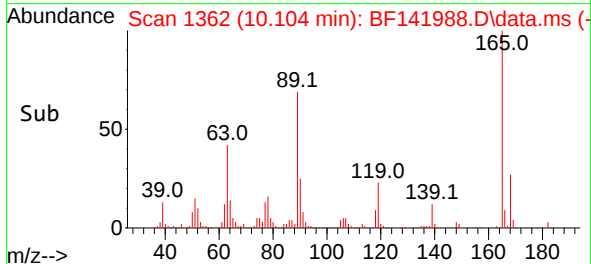
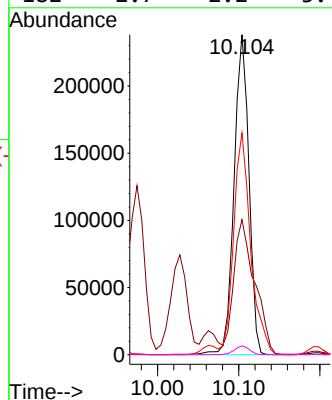
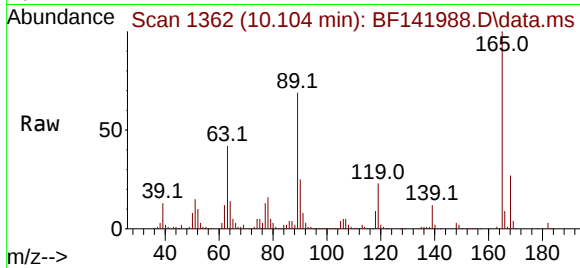




#57
2,4-Dinitrotoluene
Concen: 47.561 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

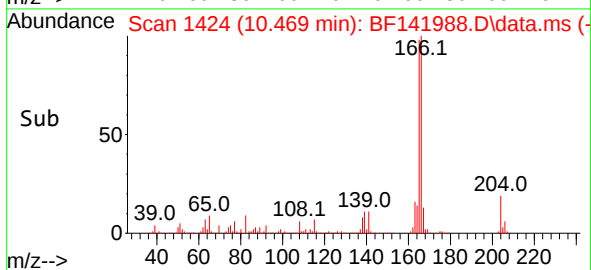
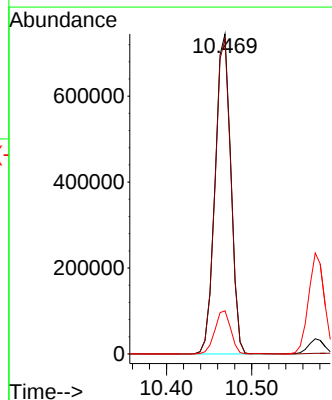
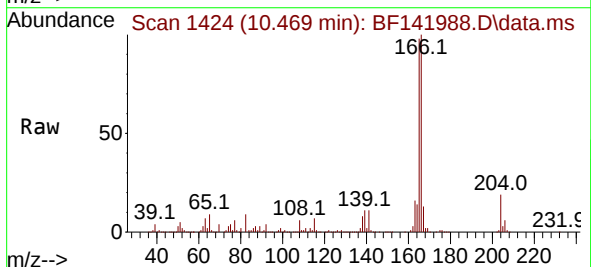
Instrument :
BNA_F
ClientSampleId :
PB167168BS

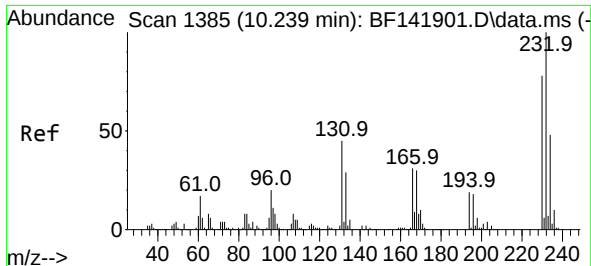
Tgt Ion:165 Resp: 301837
Ion Ratio Lower Upper
165 100
63 42.2 35.4 53.2
89 69.3 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 44.021 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:166 Resp: 954715
Ion Ratio Lower Upper
166 100
165 98.4 79.0 118.4
167 13.5 11.0 16.4

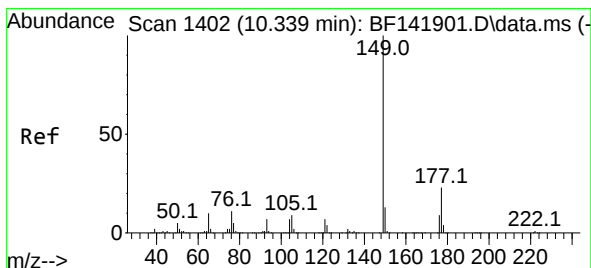
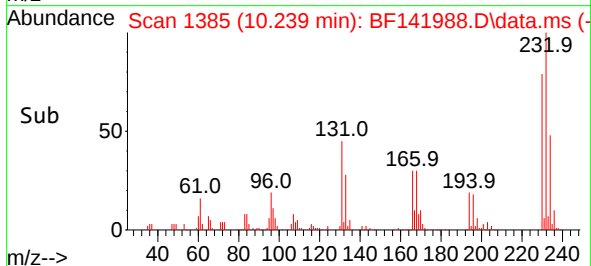
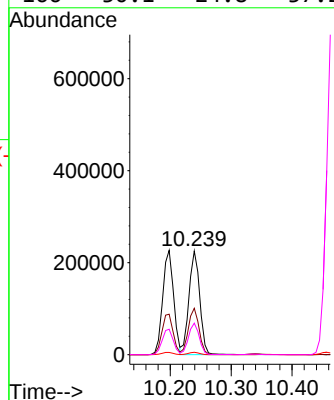
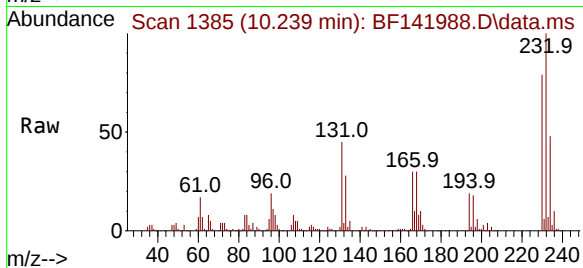




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.502 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

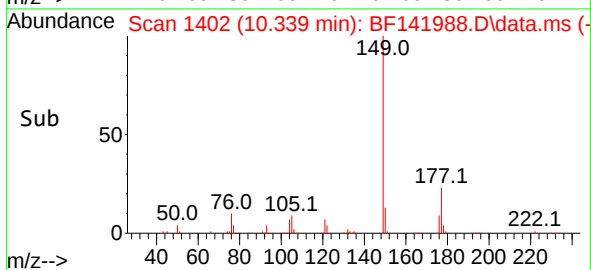
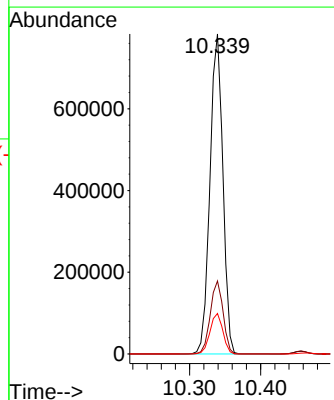
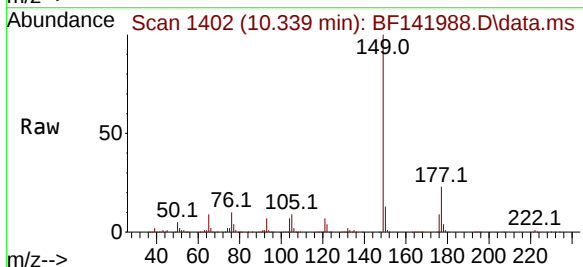
Instrument :
BNA_F
ClientSampleId :
PB167168BS

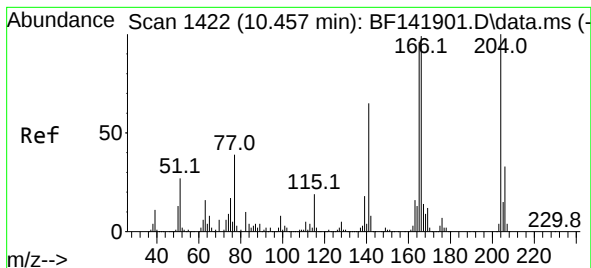
Tgt Ion:232 Resp: 278073
Ion Ratio Lower Upper
232 100
131 44.8 37.3 55.9
130 2.3 1.9 2.9
166 30.1 24.8 37.2



#60
Diethylphthalate
Concen: 42.558 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:149 Resp: 990323
Ion Ratio Lower Upper
149 100
177 22.8 18.0 27.0
150 12.7 10.2 15.4

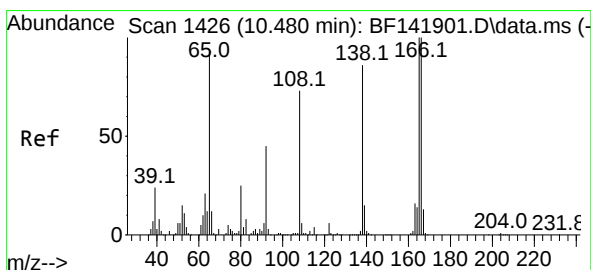
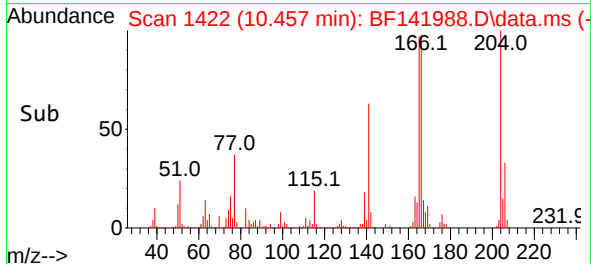
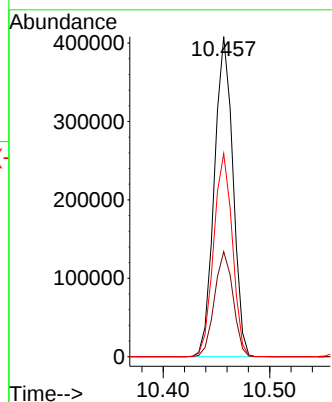
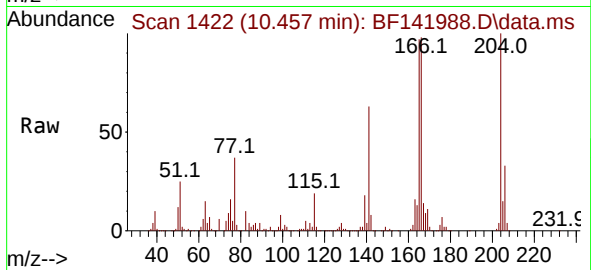




#61
4-Chlorophenyl-phenylether
Concen: 43.691 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

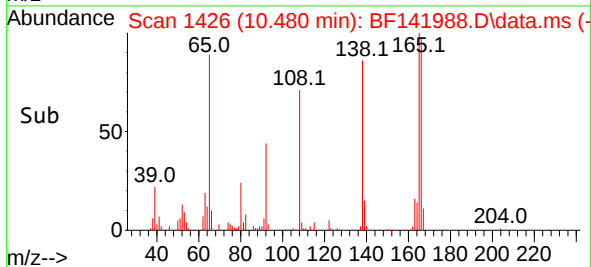
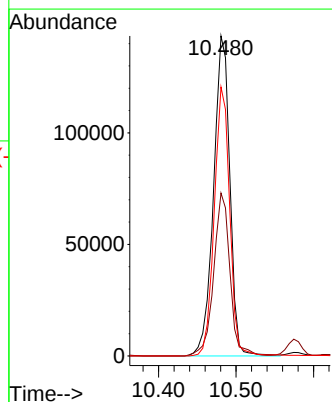
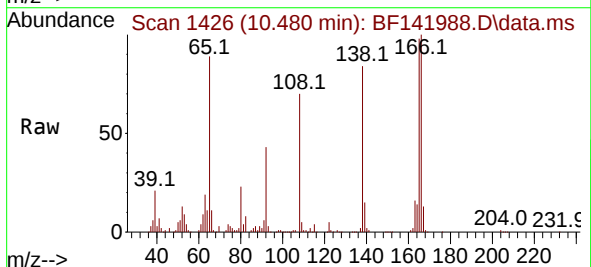
Instrument :
BNA_F
ClientSampleId :
PB167168BS

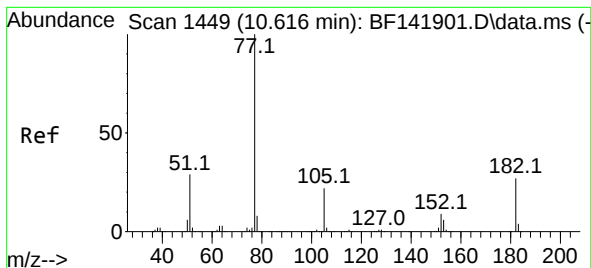
Tgt Ion:204 Resp: 494016
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 63.5 52.4 78.6



#62
4-Nitroaniline
Concen: 43.724 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:138 Resp: 209808
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 84.1 65.0 105.0





#63

Azobenzene

Concen: 41.365 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

Tgt Ion: 77 Resp: 894901

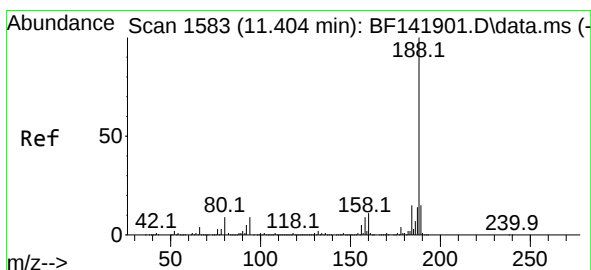
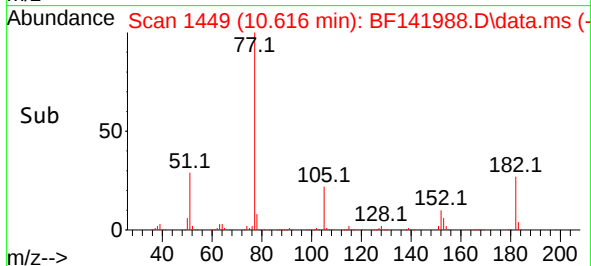
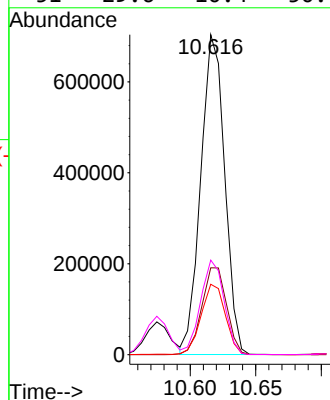
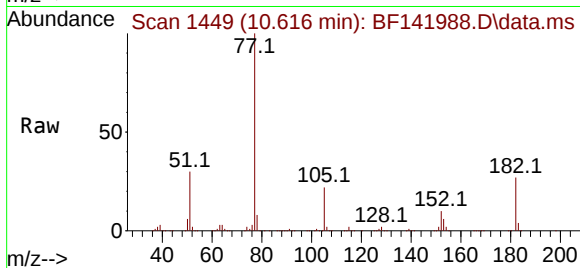
Ion Ratio Lower Upper

77 100

182 27.2 6.6 46.6

105 22.0 1.3 41.3

51 29.6 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

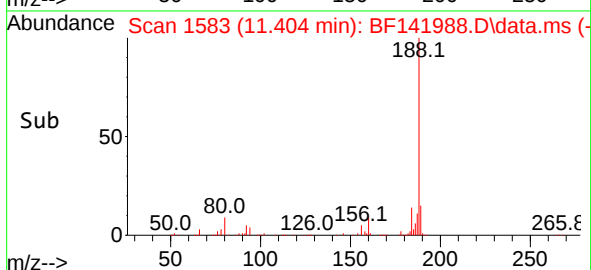
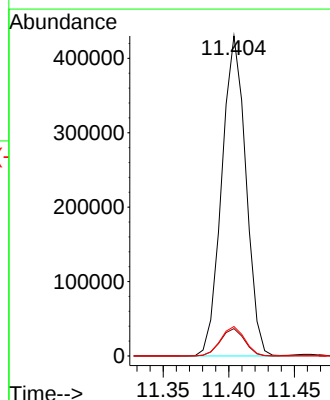
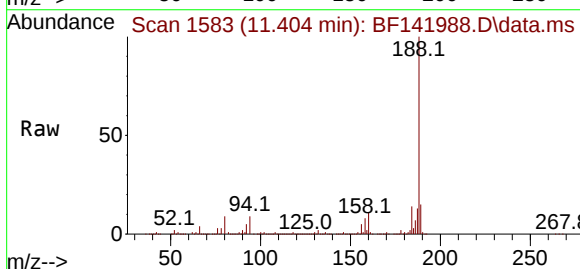
Tgt Ion: 188 Resp: 550204

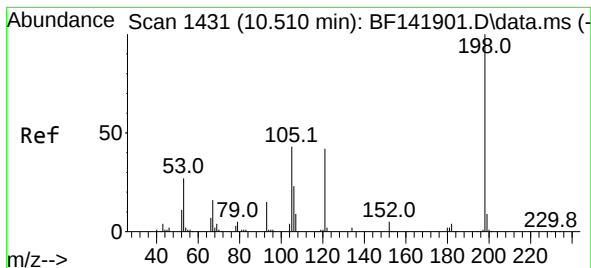
Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.2 7.6 11.4

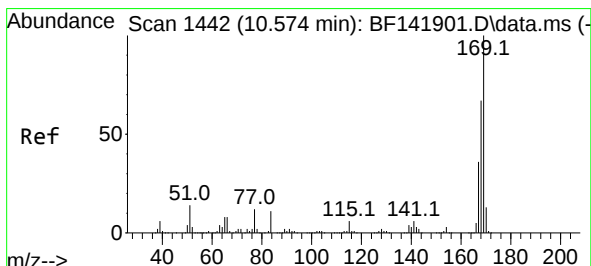
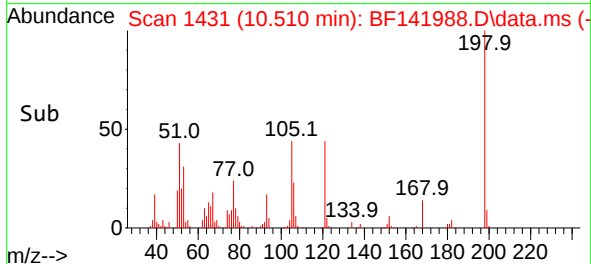
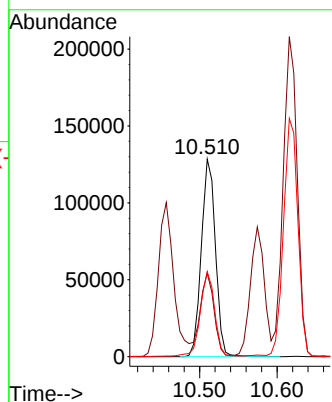
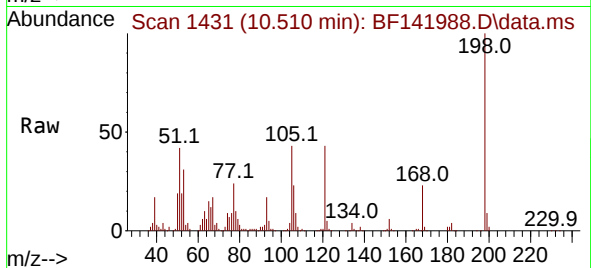




#65
4,6-Dinitro-2-methylphenol
Concen: 49.508 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

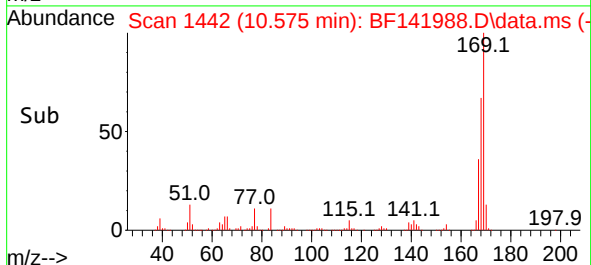
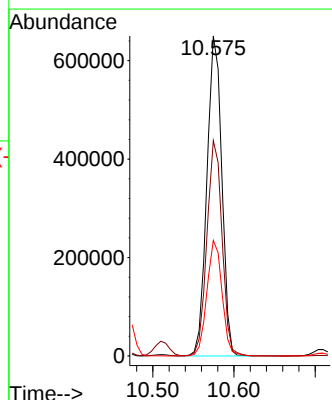
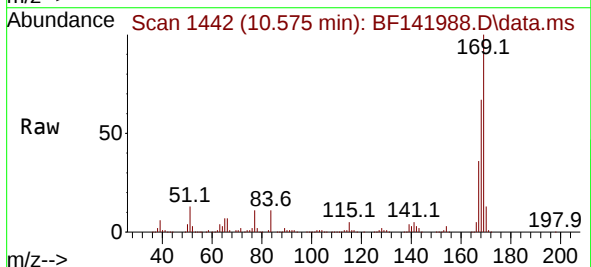
Instrument :
BNA_F
ClientSampleId :
PB167168BS

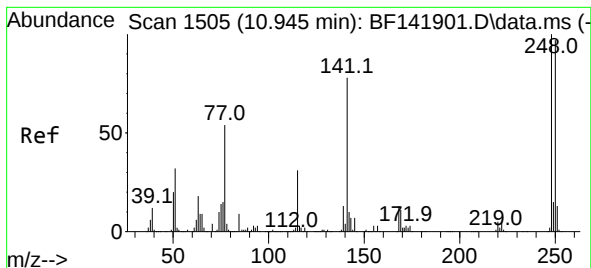
Tgt Ion:198 Resp: 162385
Ion Ratio Lower Upper
198 100
51 42.3 22.3 62.3
105 43.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 46.450 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:169 Resp: 827044
Ion Ratio Lower Upper
169 100
168 67.3 53.7 80.5
167 36.1 29.2 43.8

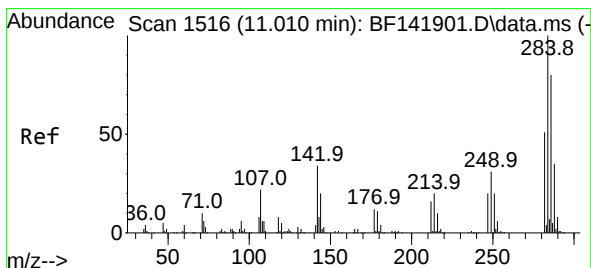
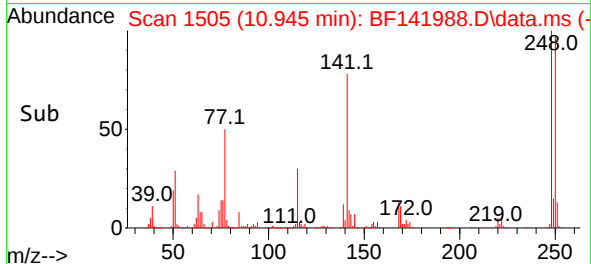
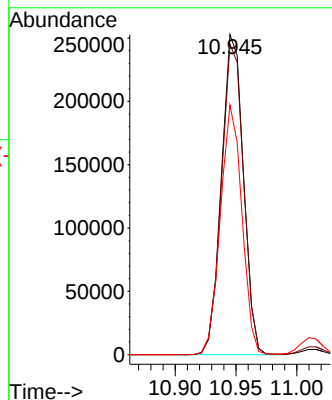
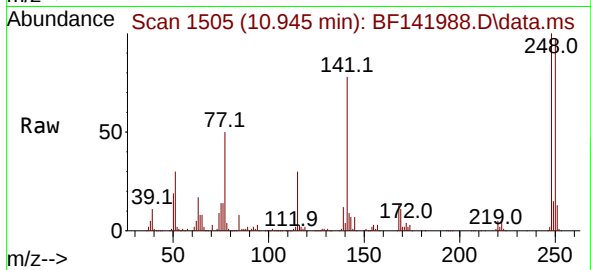




#67
4-Bromophenyl-phenylether
Concen: 45.987 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

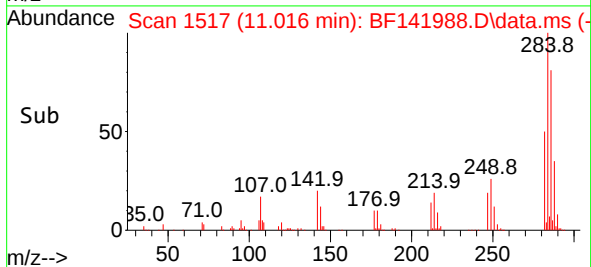
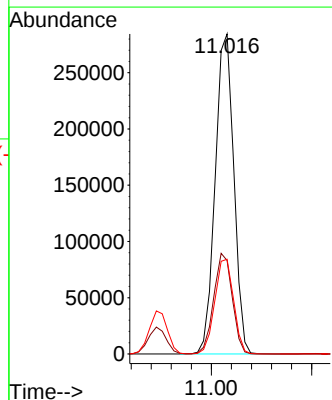
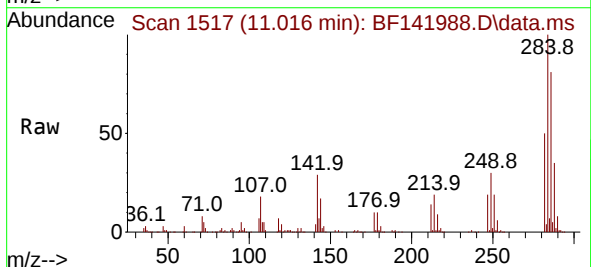
Instrument :
BNA_F
ClientSampleId :
PB167168BS

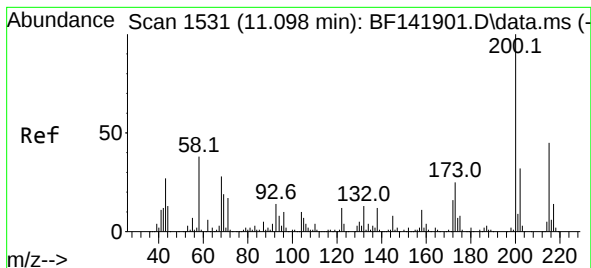
Tgt Ion:248 Resp: 317766
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 78.0 62.6 93.8



#68
Hexachlorobenzene
Concen: 48.306 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:284 Resp: 366094
Ion Ratio Lower Upper
284 100
142 29.2 27.0 40.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 59.022 ng

RT: 11.104 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

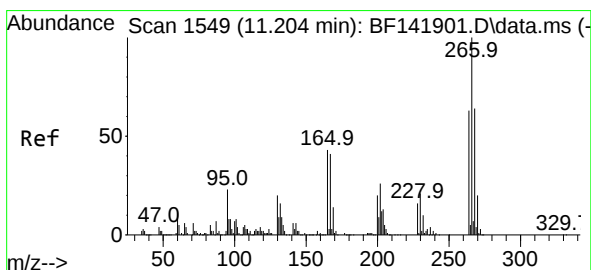
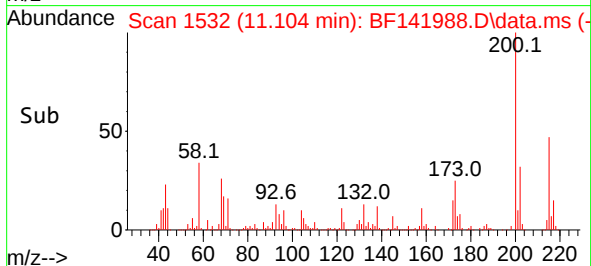
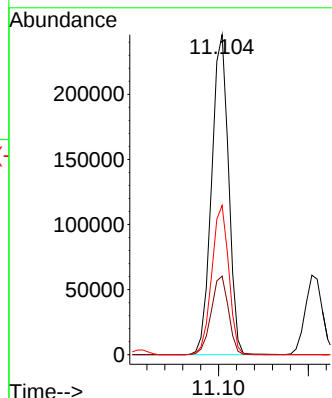
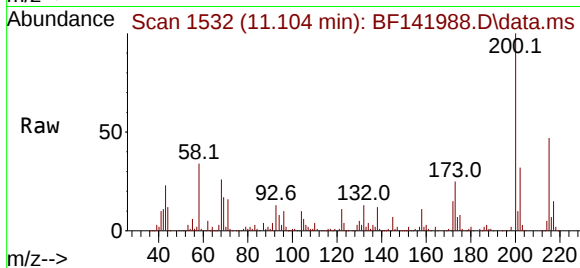
Tgt Ion:200 Resp: 322158

Ion Ratio Lower Upper

200 100

173 24.6 4.7 44.7

215 46.7 25.4 65.4



#70

Pentachlorophenol

Concen: 93.351 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

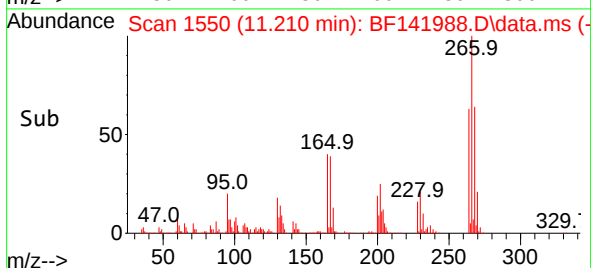
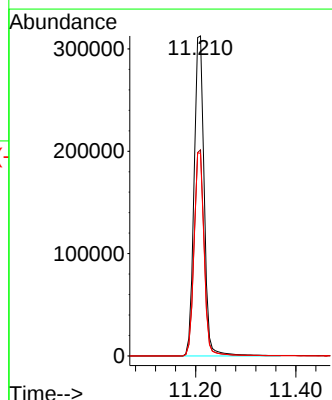
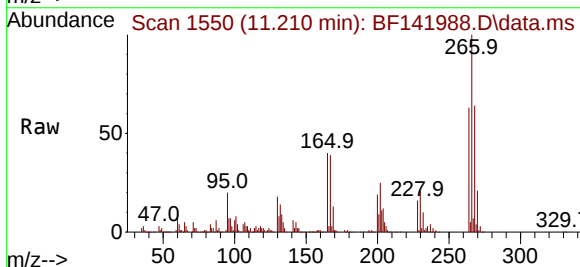
Tgt Ion:266 Resp: 435894

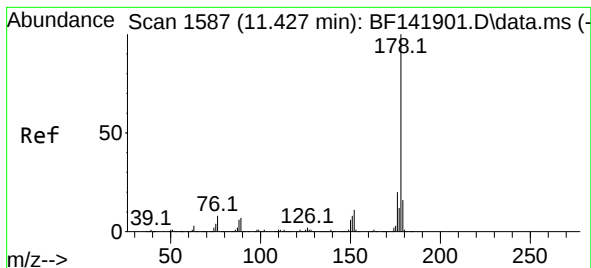
Ion Ratio Lower Upper

266 100

268 64.4 51.0 76.6

264 63.3 50.2 75.2





#71

Phenanthrene

Concen: 46.249 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

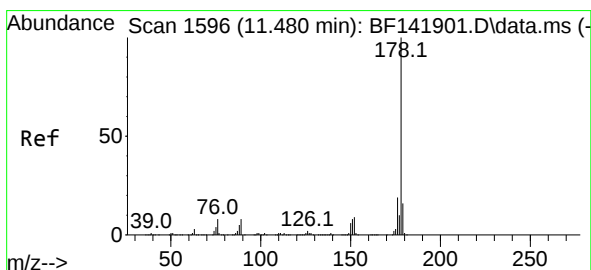
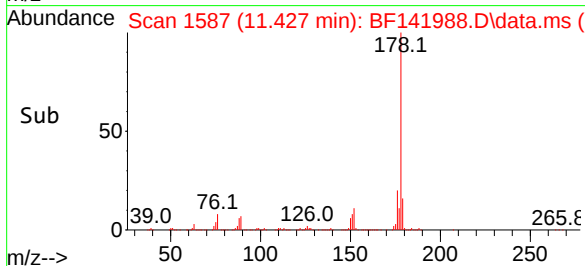
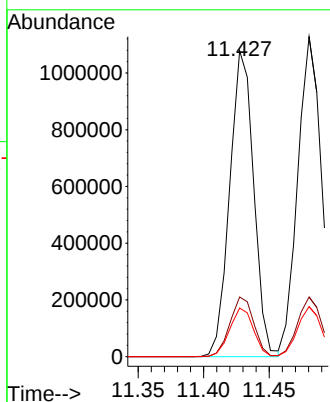
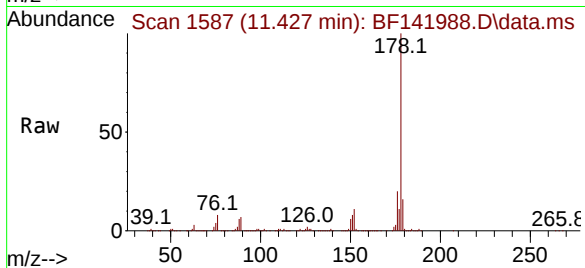
Tgt Ion:178 Resp: 1374452

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.9 12.6 19.0



#72

Anthracene

Concen: 47.387 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

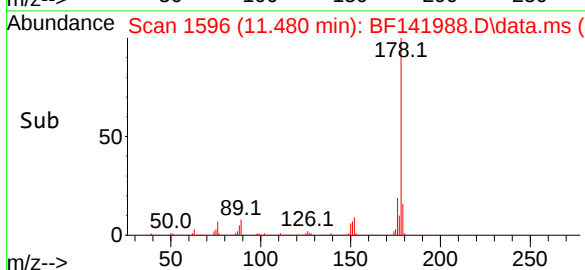
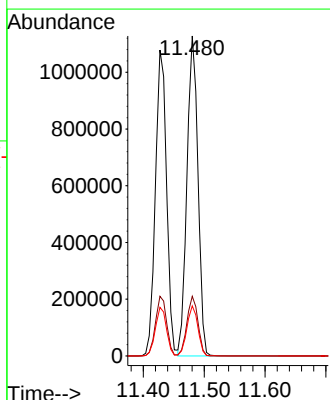
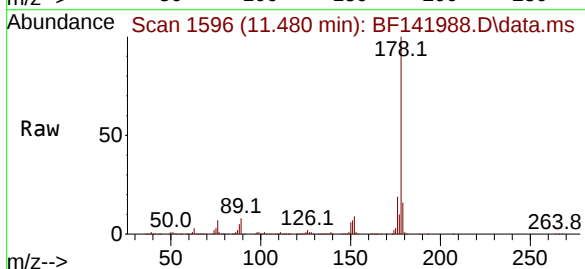
Tgt Ion:178 Resp: 1412854

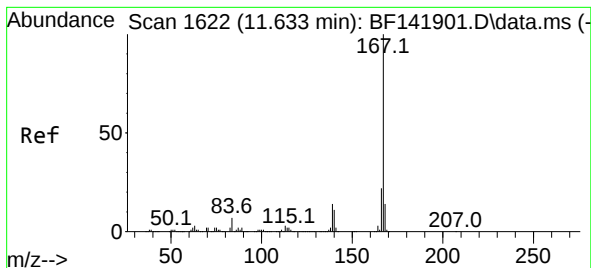
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 15.7 12.6 19.0





#73

Carbazole

Concen: 44.932 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

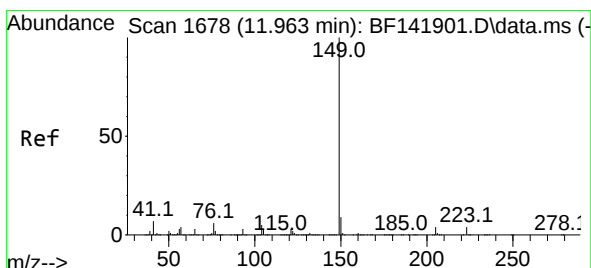
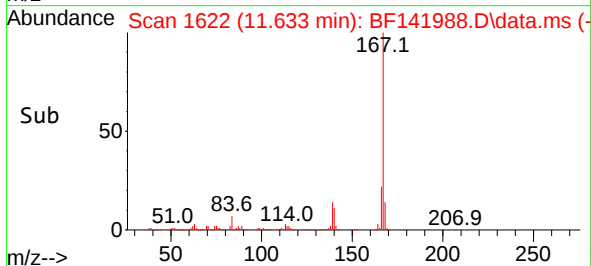
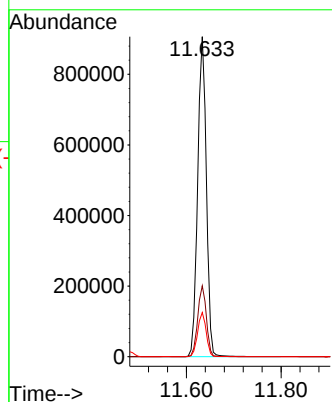
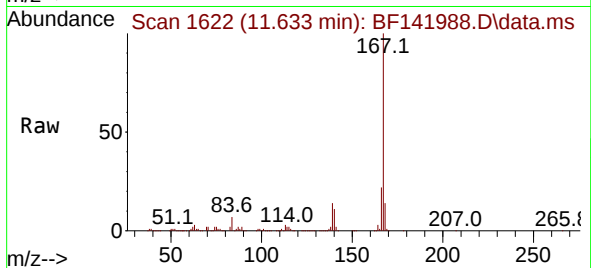
Tgt Ion:167 Resp: 1155342

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.2

139 13.8 11.0 16.6



#74

Di-n-butylphthalate

Concen: 43.374 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

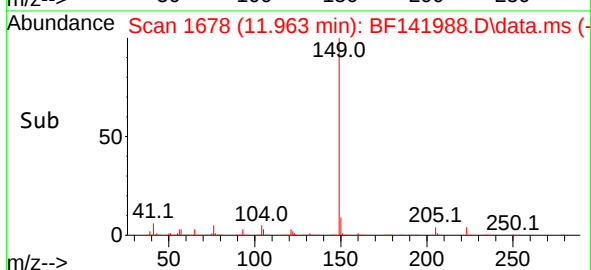
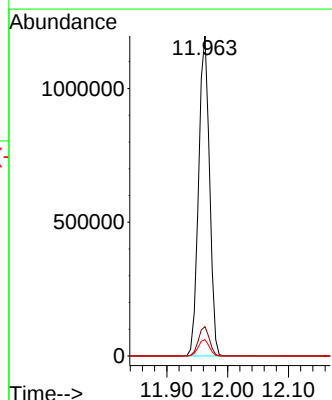
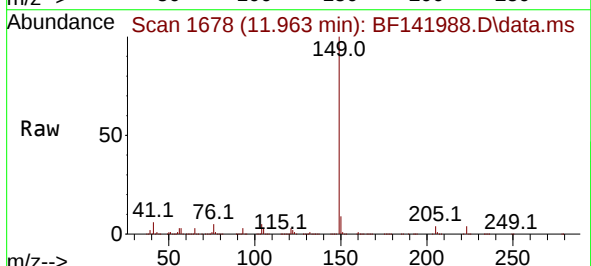
Tgt Ion:149 Resp: 1479834

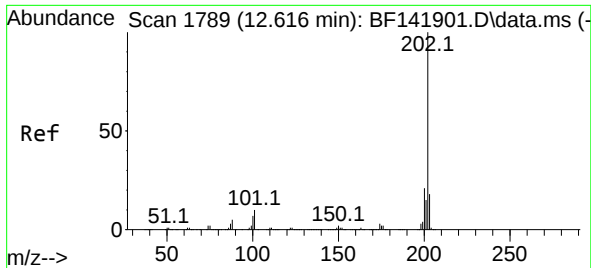
Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

104 5.1 4.4 6.6

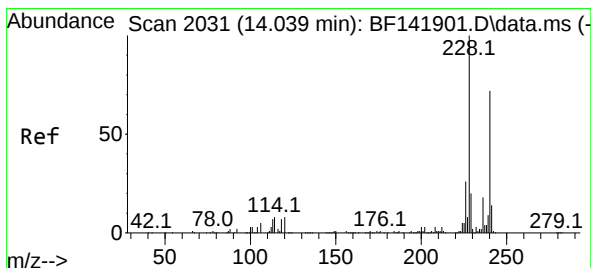
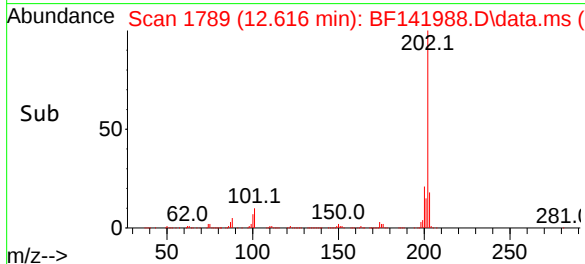
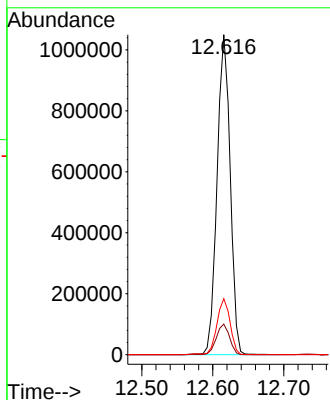
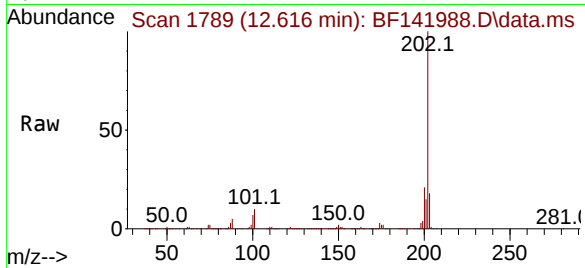




#75
Fluoranthene
Concen: 42.479 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

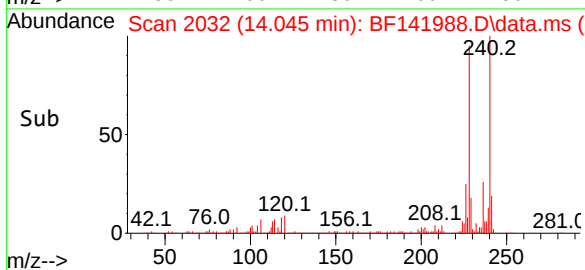
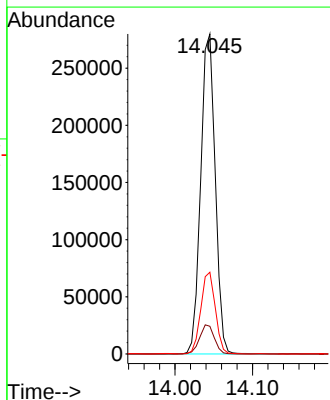
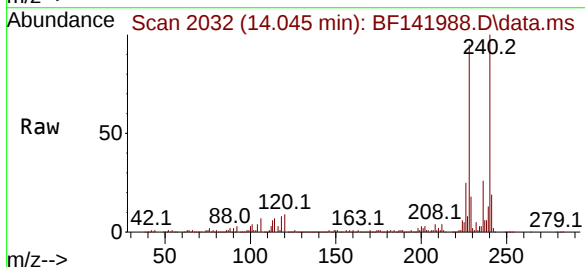
Instrument :
BNA_F
ClientSampleId :
PB167168BS

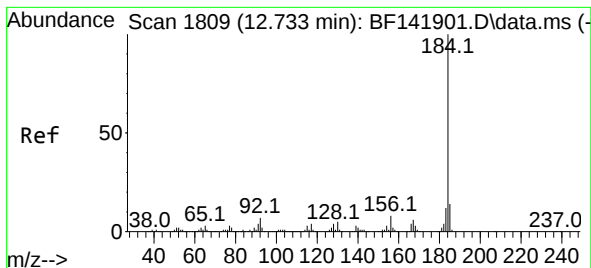
Tgt Ion:202 Resp: 1339128
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:240 Resp: 364178
Ion Ratio Lower Upper
240 100
120 8.6 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 72.405 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

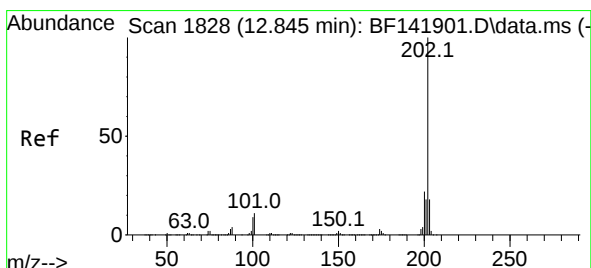
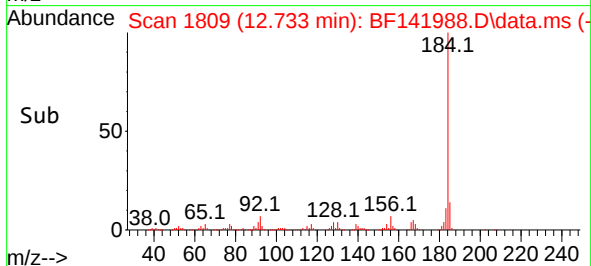
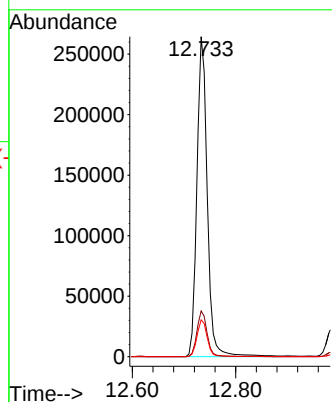
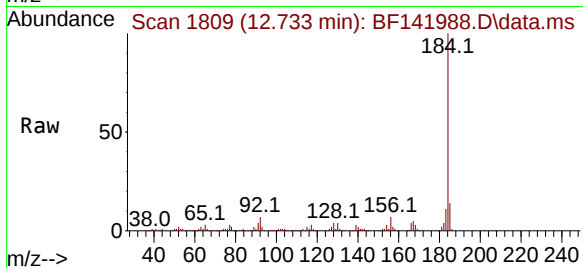
Tgt Ion:184 Resp: 367890

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 11.5 9.7 14.5



#78

Pyrene

Concen: 42.241 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

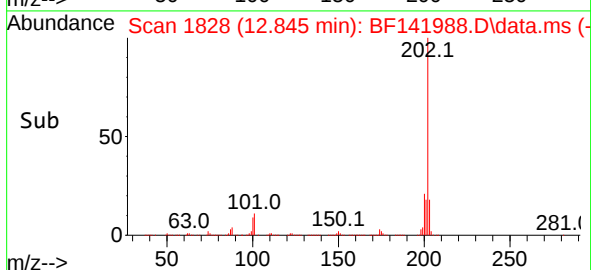
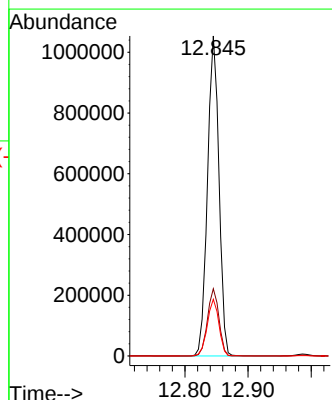
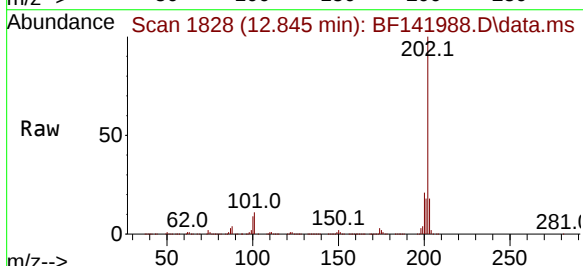
Tgt Ion:202 Resp: 1330654

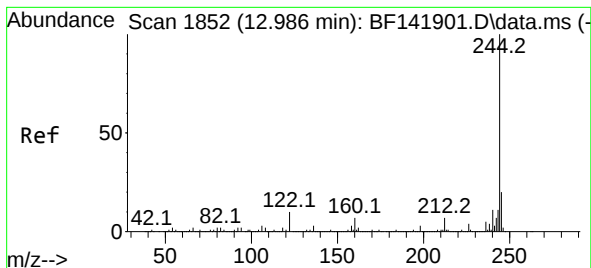
Ion Ratio Lower Upper

202 100

200 21.0 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 96.185 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

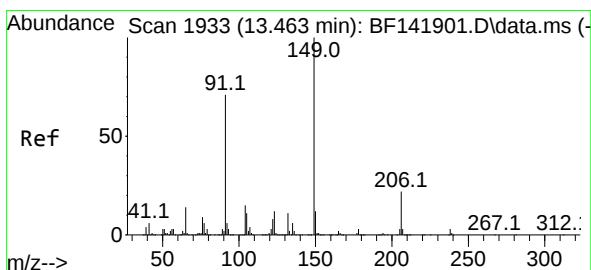
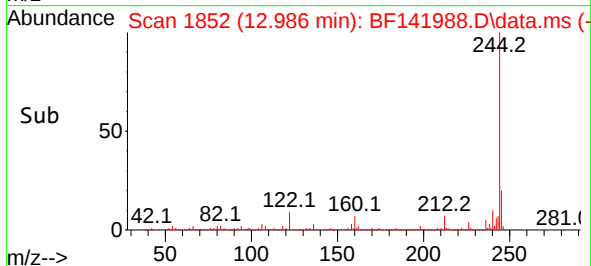
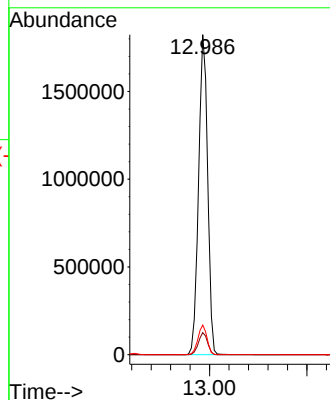
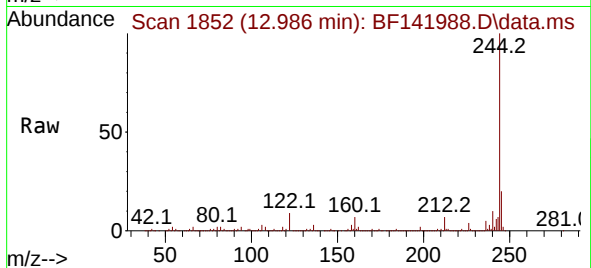
Tgt Ion:244 Resp: 2369251

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 9.2 7.7 11.5



#80

Butylbenzylphthalate

Concen: 41.703 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

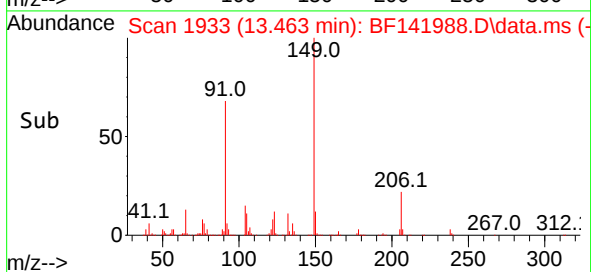
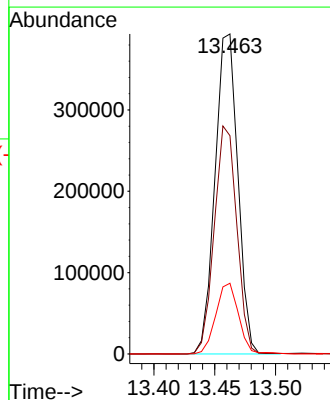
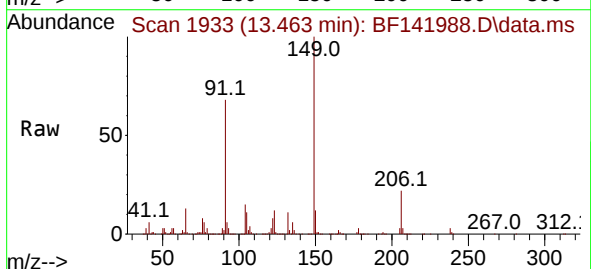
Tgt Ion:149 Resp: 514197

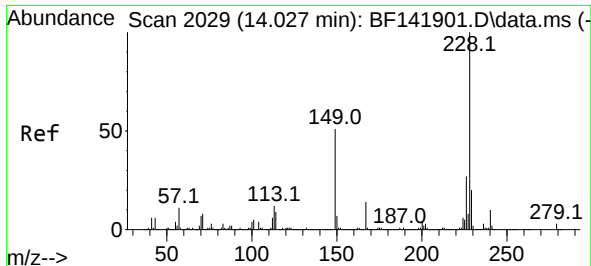
Ion Ratio Lower Upper

149 100

91 68.2 56.5 84.7

206 22.1 17.3 25.9

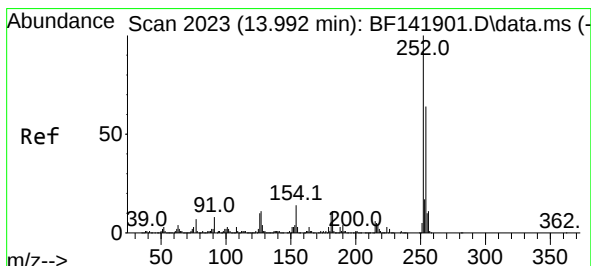
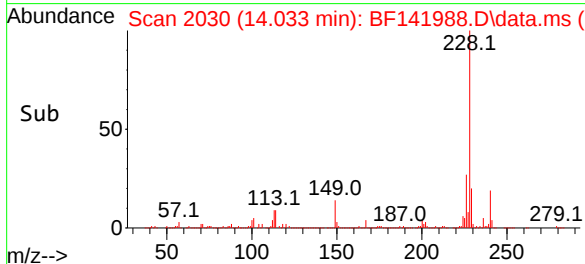
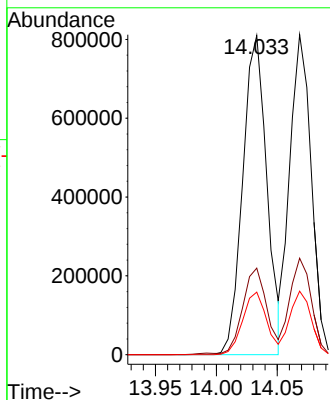
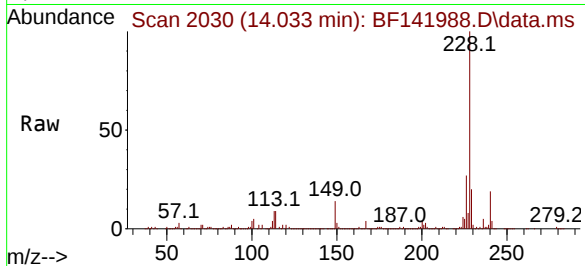




#81
Benzo(a)anthracene
Concen: 46.751 ng
RT: 14.033 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

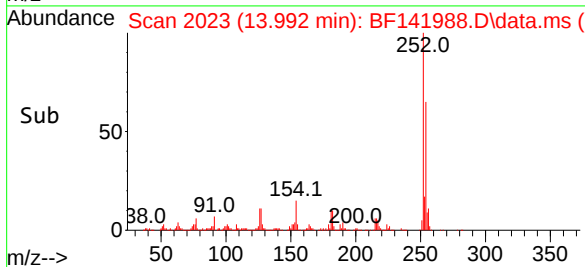
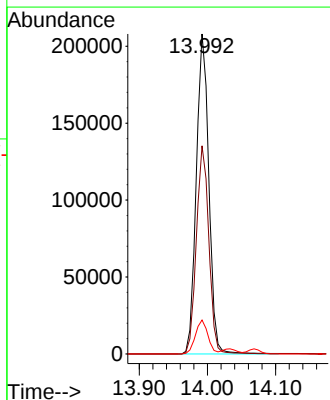
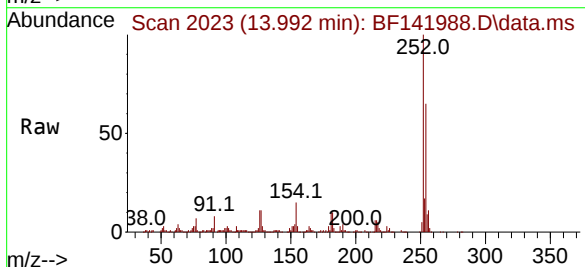
Instrument :
BNA_F
ClientSampleId :
PB167168BS

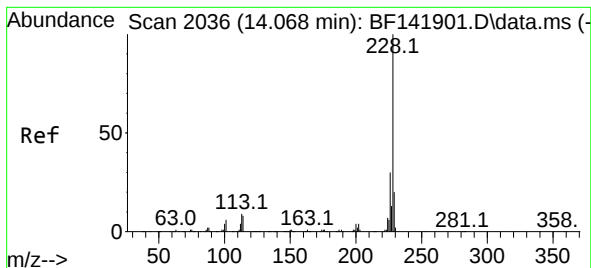
Tgt Ion:228 Resp: 1117238
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.409 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:252 Resp: 265251
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 10.6 8.4 12.6





#83

Chrysene

Concen: 46.080 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

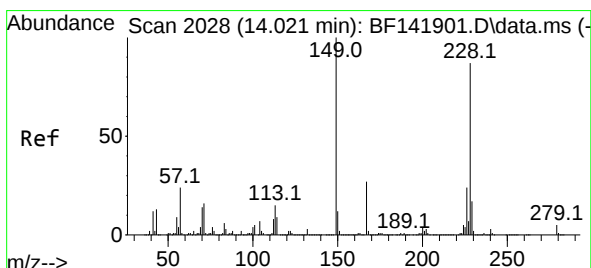
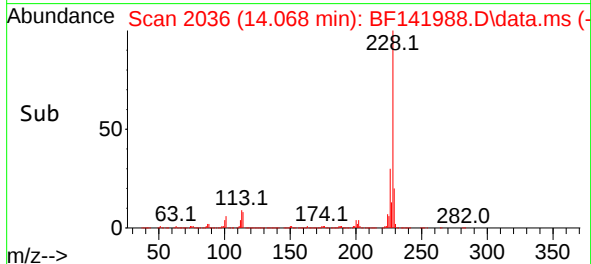
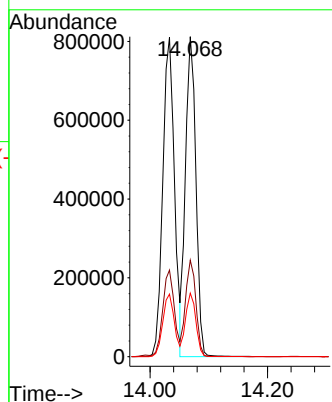
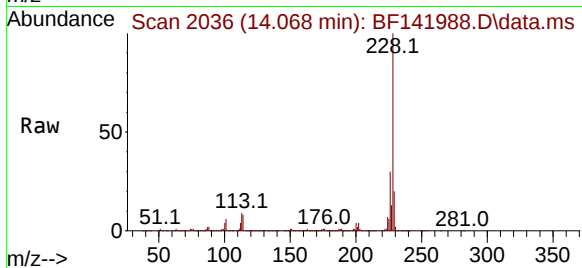
Tgt Ion:228 Resp: 998209

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.841 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

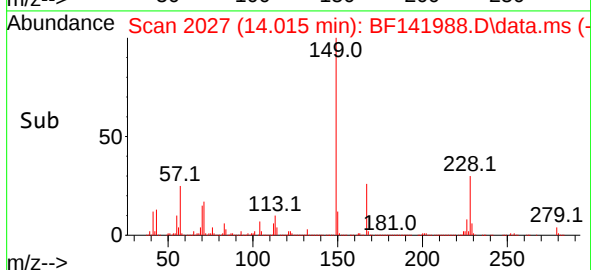
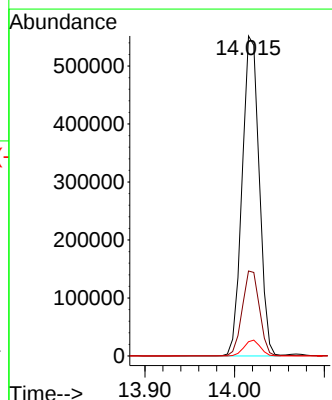
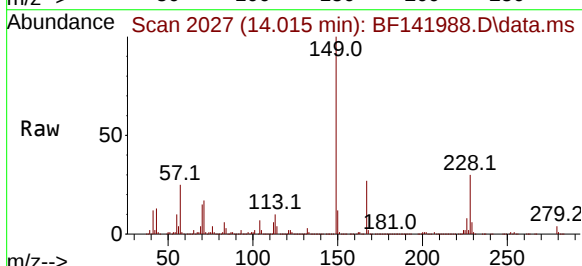
Tgt Ion:149 Resp: 728315

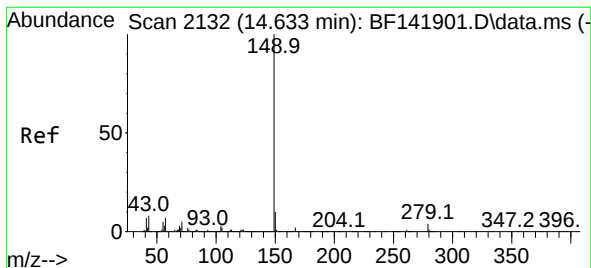
Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.0

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 50.266 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

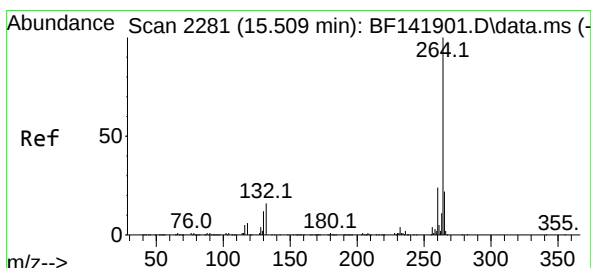
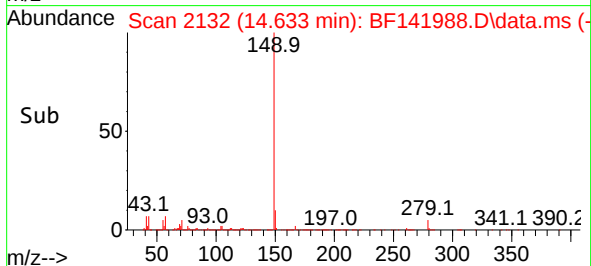
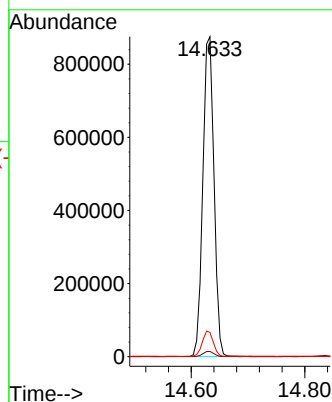
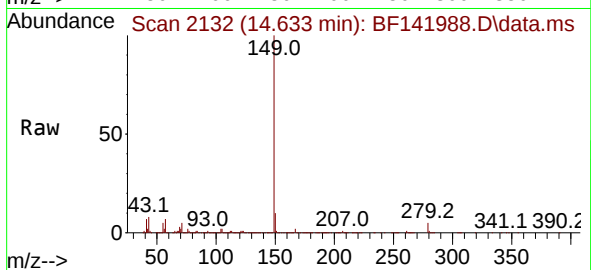
Tgt Ion:149 Resp: 1189008

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

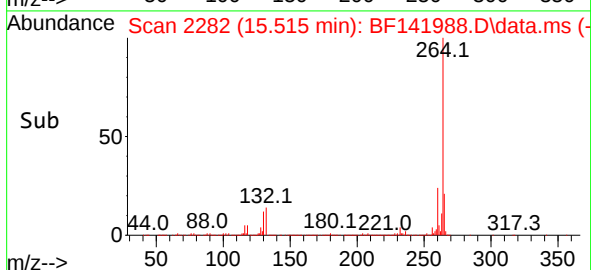
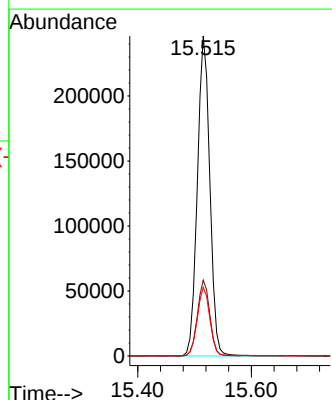
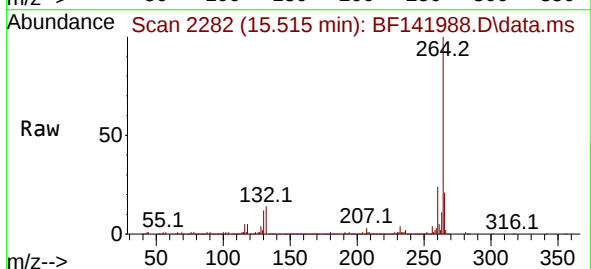
Tgt Ion:264 Resp: 375705

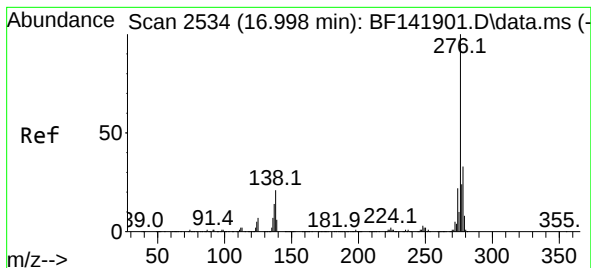
Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.004 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

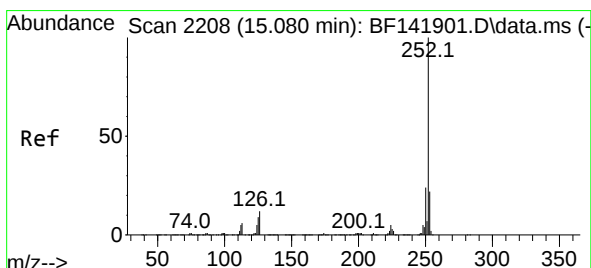
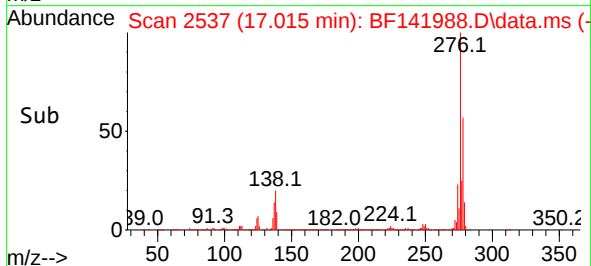
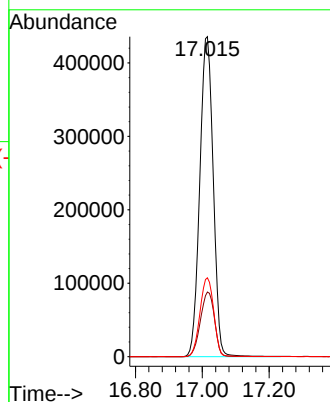
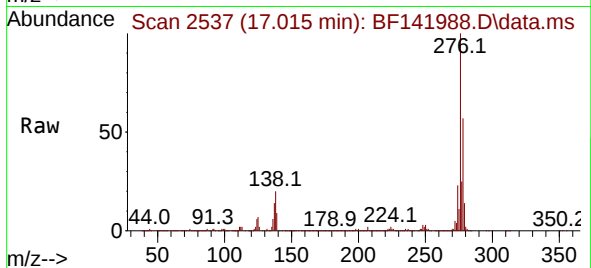
Tgt Ion:276 Resp: 1215297

Ion Ratio Lower Upper

276 100

138 21.2 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 39.719 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

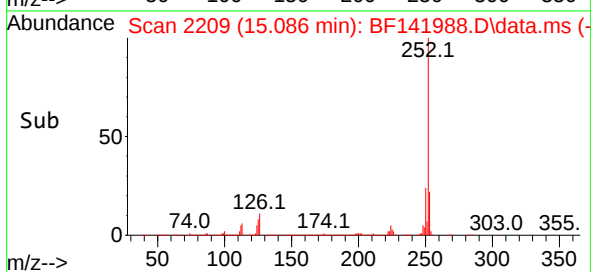
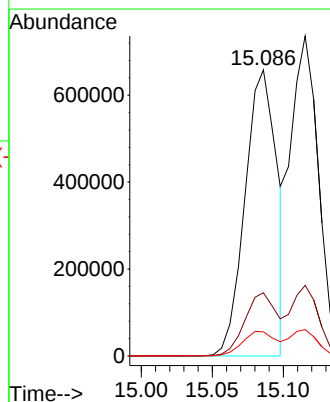
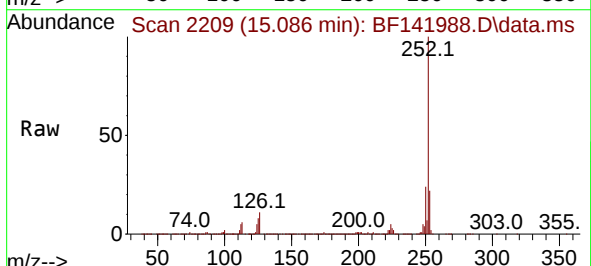
Tgt Ion:252 Resp: 1022729

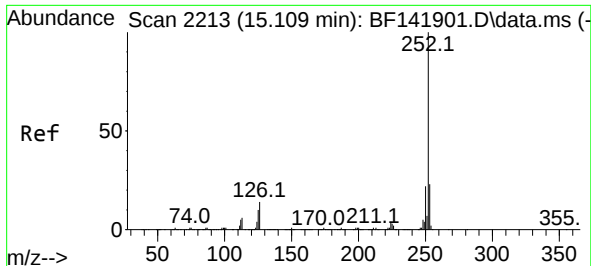
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 8.5 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 45.431 ng

RT: 15.115 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

Instrument :

BNA_F

ClientSampleId :

PB167168BS

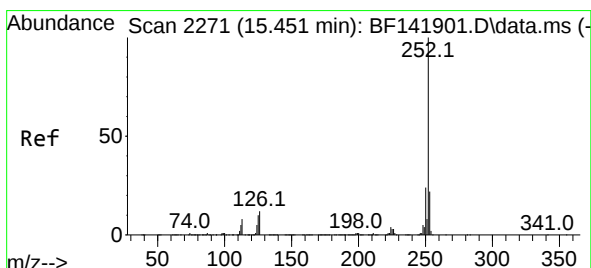
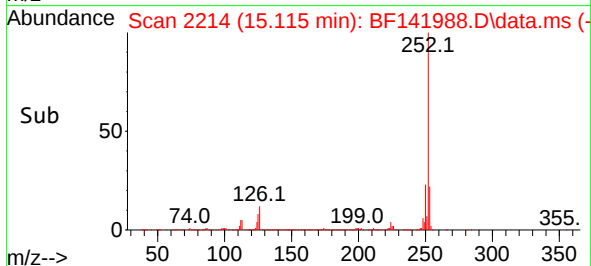
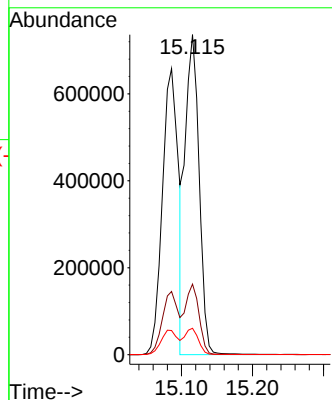
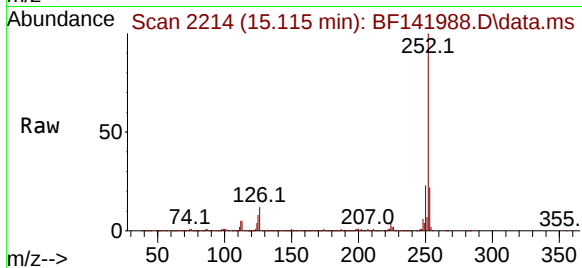
Tgt Ion:252 Resp: 1001088

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.2 7.2 10.8



#90

Benzo(a)pyrene

Concen: 48.179 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141988.D

Acq: 18 Mar 2025 10:59

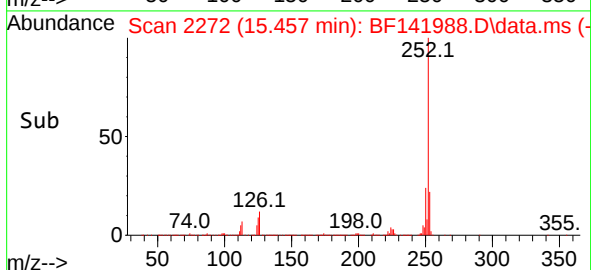
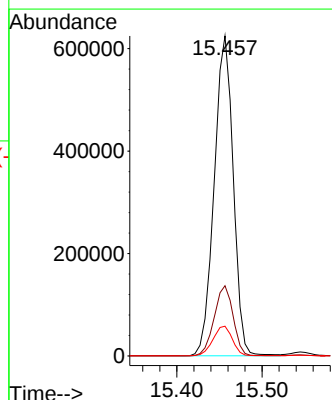
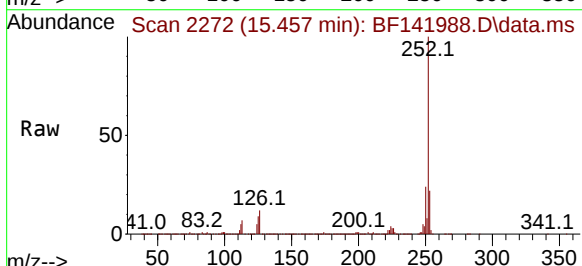
Tgt Ion:252 Resp: 970694

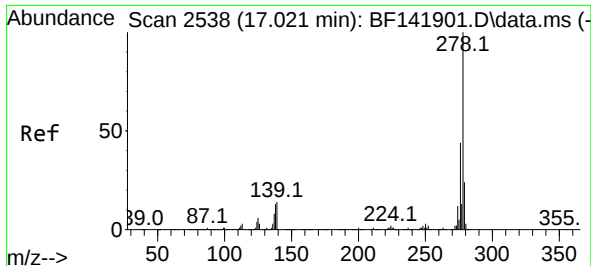
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.3 7.8 11.8

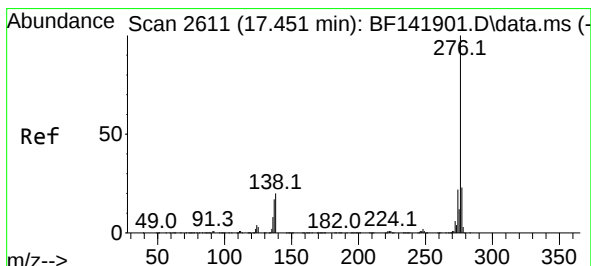
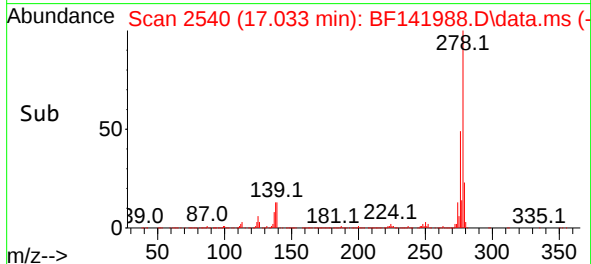
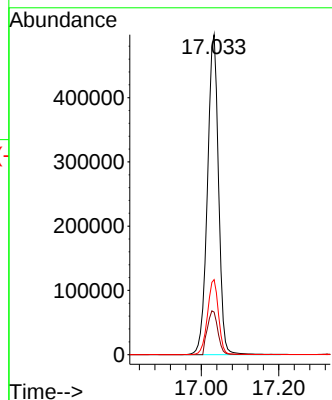
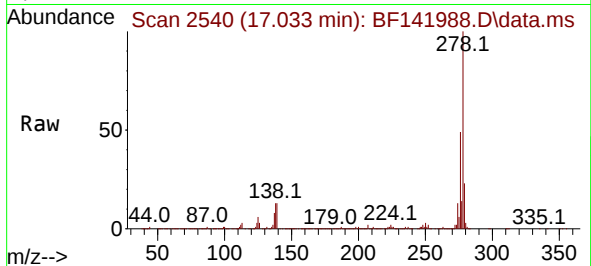




#91
Dibenzo(a,h)anthracene
Concen: 49.287 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Instrument :
BNA_F
ClientSampleId :
PB167168BS

Tgt Ion:278 Resp: 988318
Ion Ratio Lower Upper
278 100
139 13.3 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.622 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF141988.D
Acq: 18 Mar 2025 10:59

Tgt Ion:276 Resp: 923868
Ion Ratio Lower Upper
276 100
277 24.2 18.7 28.1
138 19.1 15.8 23.8

