

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031125\
 Data File : BF141914.D
 Acq On : 11 Mar 2025 13:50
 Operator : RC/JU
 Sample : PB167078BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167078BS

Quant Time: Mar 11 14:13:17 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	194258	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	783150	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	458173	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	794152	20.000	ng	0.00
76) Chrysene-d12	14.039	240	514358	20.000	ng	0.00
86) Perylene-d12	15.510	264	432890	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1579224	135.678	ng	0.02
7) Phenol-d6	6.510	99	1976302	133.357	ng	0.00
23) Nitrobenzene-d5	7.445	82	1325808	95.270	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	879814	151.365	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2796909	92.838	ng	0.00
79) Terphenyl-d14	12.986	244	3415405	98.171	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	202109	41.442	ng	99
3) Pyridine	3.534	79	477176	39.888	ng	99
4) n-Nitrosodimethylamine	3.481	42	247377	43.380	ng	99
6) Aniline	6.545	93	584885	40.007	ng	100
8) 2-Chlorophenol	6.663	128	593300	45.960	ng	99
9) Benzaldehyde	6.428	77	178499	21.536	ng	99
10) Phenol	6.522	94	696343	44.664	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	516428	44.114	ng	100
12) 1,3-Dichlorobenzene	6.822	146	609944	43.765	ng	99
13) 1,4-Dichlorobenzene	6.898	146	617424	43.786	ng	99
14) 1,2-Dichlorobenzene	7.051	146	595686	44.850	ng	98
15) Benzyl Alcohol	7.022	79	530822	44.306	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	608617	43.063	ng	98
17) 2-Methylphenol	7.128	107	480905	46.853	ng	99
18) Hexachloroethane	7.392	117	233956	44.245	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	408883	42.939	ng	98
20) 3+4-Methylphenols	7.281	107	610634	46.447	ng	92
22) Acetophenone	7.292	105	895615	47.754	ng	99
24) Nitrobenzene	7.463	77	618481	44.706	ng	100
25) Isophorone	7.698	82	1157530	47.056	ng	99
26) 2-Nitrophenol	7.775	139	316216	46.571	ng	98
27) 2,4-Dimethylphenol	7.810	122	537084	57.445	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	678927	44.004	ng	100
29) 2,4-Dichlorophenol	8.016	162	527921	45.491	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	552443	43.197	ng	99
31) Naphthalene	8.187	128	1707983	42.456	ng	100
32) Benzoic acid	7.934	122	416051	50.624	ng	99
33) 4-Chloroaniline	8.228	127	249925	17.599	ng	99
34) Hexachlorobutadiene	8.298	225	366710	43.968	ng	99
35) Caprolactam	8.604	113	96838	27.370	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	588497	45.460	ng	98
37) 2-Methylnaphthalene	8.875	142	1130180	42.030	ng	100
38) 1-Methylnaphthalene	8.975	142	1110213	42.786	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	669756	48.013	ng	98
41) Hexachlorocyclopentadiene	9.028	237	868792	159.141	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	420307	46.104	ng	100

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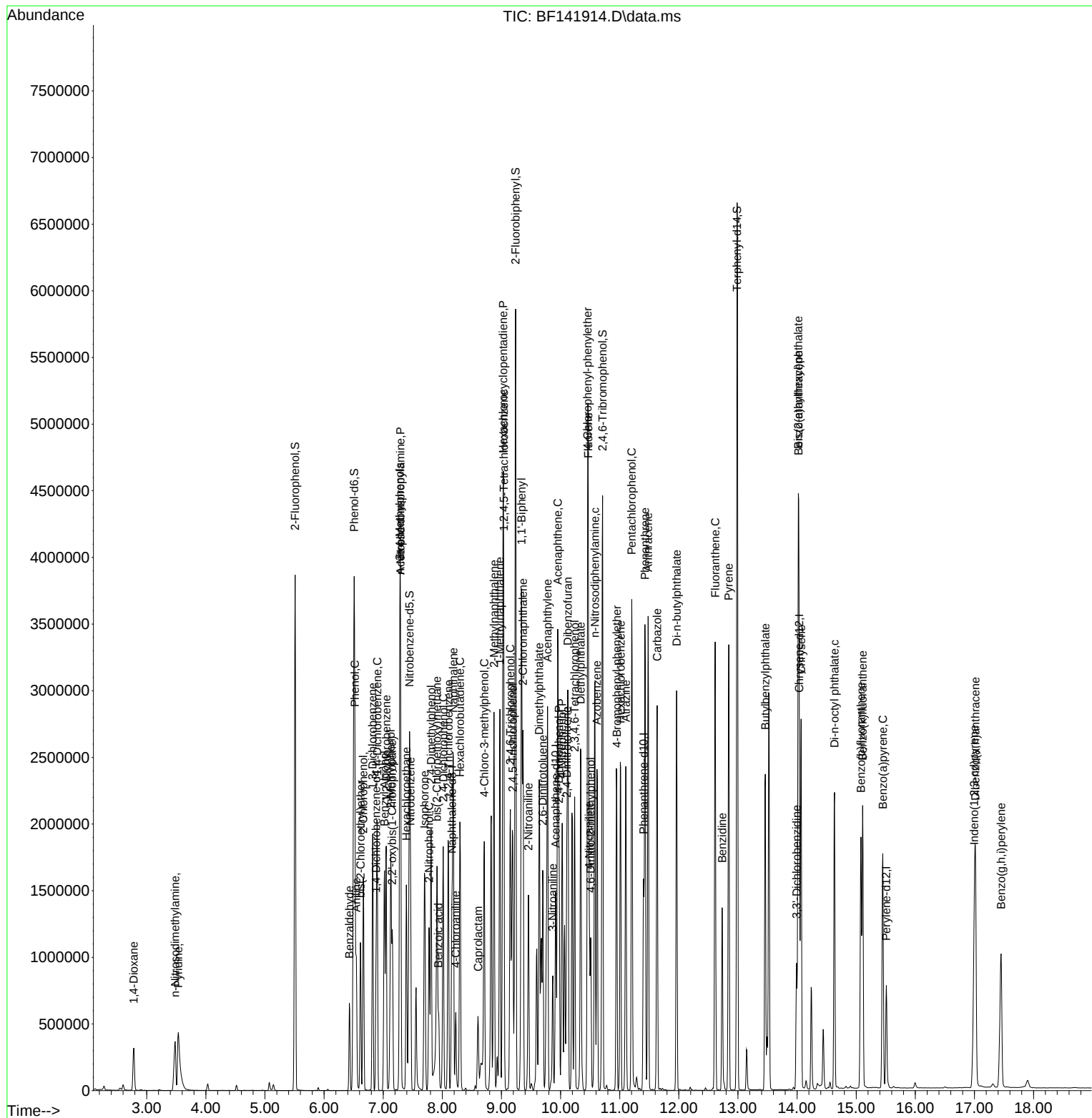
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	425631	46.097	ng	99
46) 1,1'-Biphenyl	9.339	154	1663681	47.790	ng	100
47) 2-Chloronaphthalene	9.363	162	1152083	44.400	ng	99
48) 2-Nitroaniline	9.457	65	347407	46.241	ng	99
49) Acenaphthylene	9.781	152	1790023	46.488	ng	100
50) Dimethylphthalate	9.639	163	1429251	44.546	ng	100
51) 2,6-Dinitrotoluene	9.698	165	311261	46.594	ng	99
52) Acenaphthene	9.951	154	1333159	49.267	ng	99
53) 3-Nitroaniline	9.869	138	188775	27.858	ng	100
54) 2,4-Dinitrophenol	9.975	184	342063	89.289	ng	# 49
55) Dibenzofuran	10.122	168	1646514	42.584	ng	100
56) 4-Nitrophenol	10.028	139	498909	97.630	ng	99
57) 2,4-Dinitrotoluene	10.104	165	429552	49.231	ng	98
58) Fluorene	10.469	166	1303431	43.714	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	386656	46.020	ng	99
60) Diethylphthalate	10.339	149	1404991	43.916	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	696298	44.791	ng	98
62) 4-Nitroaniline	10.486	138	299324	45.372	ng	99
63) Azobenzene	10.616	77	1278150	42.972	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	223563	47.222	ng	97
66) n-Nitrosodiphenylamine	10.580	169	1157992	45.060	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	449275	45.046	ng	96
68) Hexachlorobenzene	11.016	284	507178	46.365	ng	96
69) Atrazine	11.104	200	473746	60.133	ng	99
70) Pentachlorophenol	11.204	266	619482	91.915	ng	100
71) Phenanthrene	11.427	178	1900919	44.316	ng	100
72) Anthracene	11.480	178	1968715	45.747	ng	100
73) Carbazole	11.633	167	1655981	44.619	ng	100
74) Di-n-butylphthalate	11.963	149	2132173	43.297	ng	100
75) Fluoranthene	12.616	202	1952826	42.918	ng	100
77) Benzidine	12.733	184	713921	99.484	ng	99
78) Pyrene	12.845	202	1970904	44.297	ng	100
80) Butylbenzylphthalate	13.463	149	786731	45.177	ng	99
81) Benzo(a)anthracene	14.027	228	1583333	46.910	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	275985	28.295	ng	99
83) Chrysene	14.068	228	1338370	43.744	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1085134	45.193	ng	100
85) Di-n-octyl phthalate	14.633	149	1567440	46.917	ng	99
87) Indeno(1,2,3-cd)pyrene	16.998	276	1304868	46.597	ng	99
88) Benzo(b)fluoranthene	15.080	252	1194594	40.265	ng	100
89) Benzo(k)fluoranthene	15.110	252	1232203	48.532	ng	100
90) Benzo(a)pyrene	15.451	252	1122154	48.339	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	1068785	46.258	ng	100
92) Benzo(g,h,i)perylene	17.451	276	971052	42.530	ng	99

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

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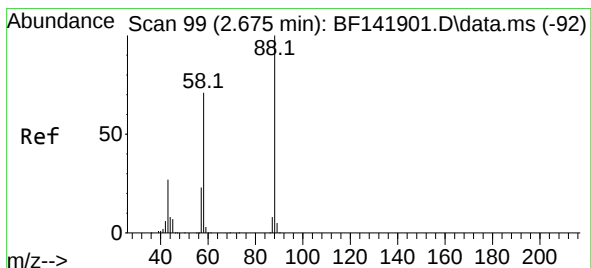
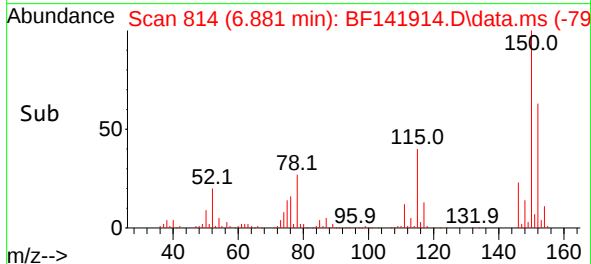
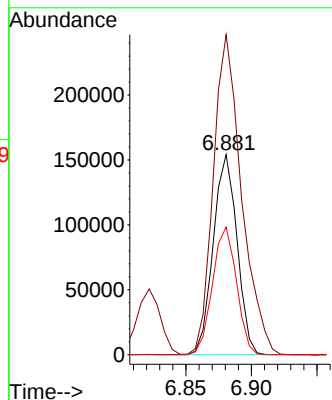
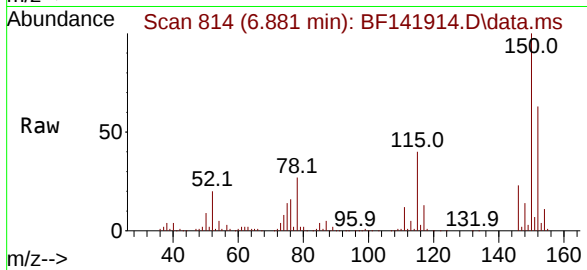




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

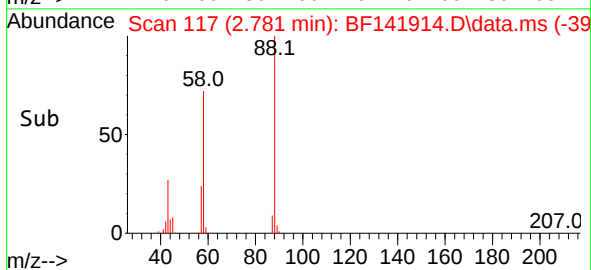
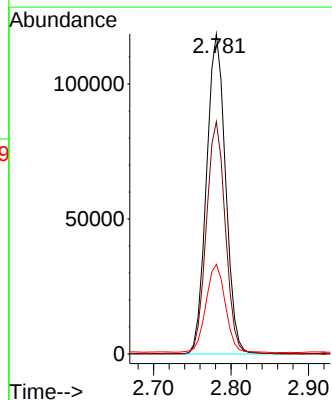
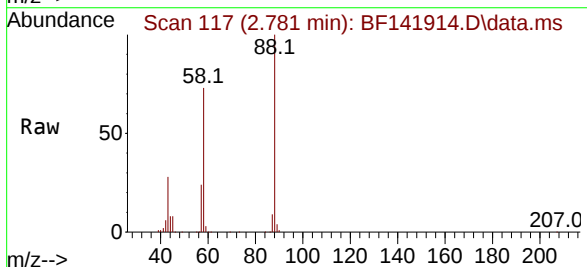
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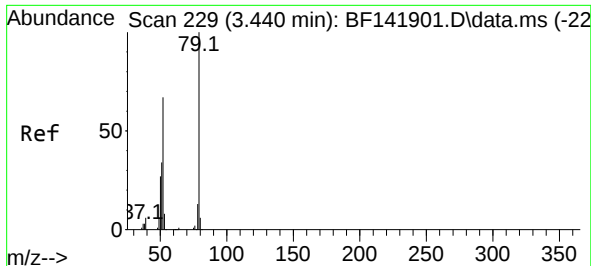
Tgt Ion:152 Resp: 194258
 Ion Ratio Lower Upper
 152 100
 150 160.0 127.4 191.2
 115 63.8 51.9 77.9



#2
 1,4-Dioxane
 Concen: 41.442 ng
 RT: 2.781 min Scan# 117
 Delta R.T. 0.106 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

Tgt Ion: 88 Resp: 202109
 Ion Ratio Lower Upper
 88 100
 58 71.9 57.4 86.2
 43 28.3 21.5 32.3





#3

Pyridine

Concen: 39.888 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

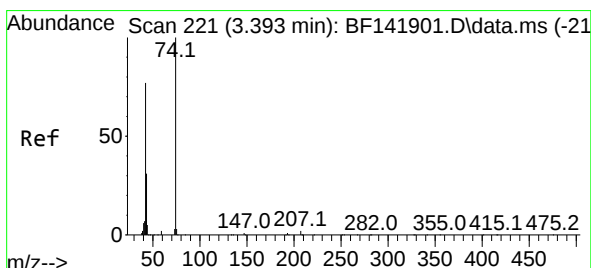
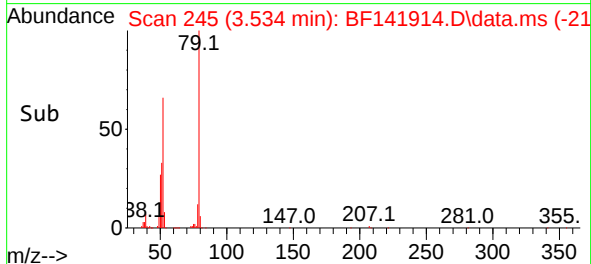
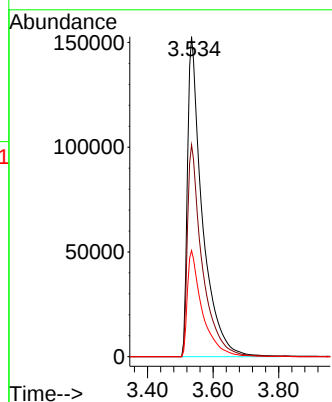
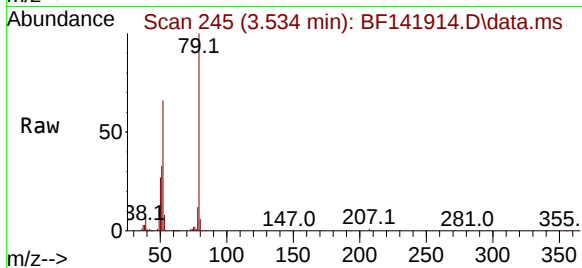
Tgt Ion: 79 Resp: 477176

Ion Ratio Lower Upper

79 100

52 66.2 53.3 79.9

51 33.1 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 43.380 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.088 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

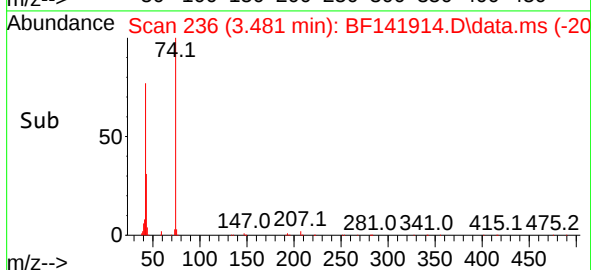
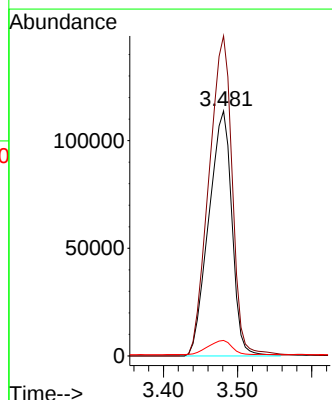
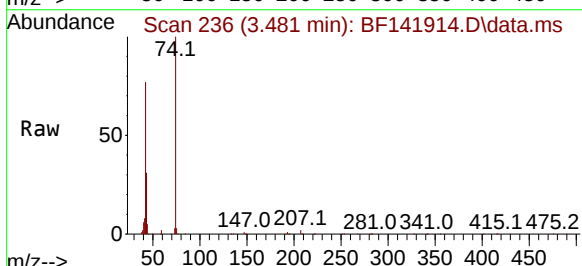
Tgt Ion: 42 Resp: 247377

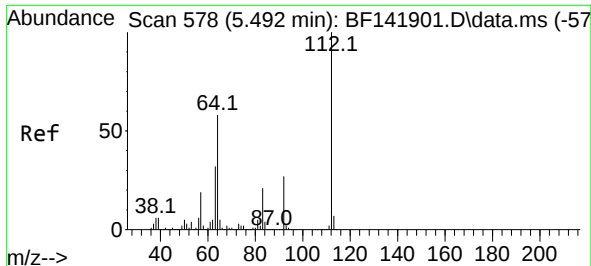
Ion Ratio Lower Upper

42 100

74 130.7 103.4 155.0

44 6.3 5.0 7.4

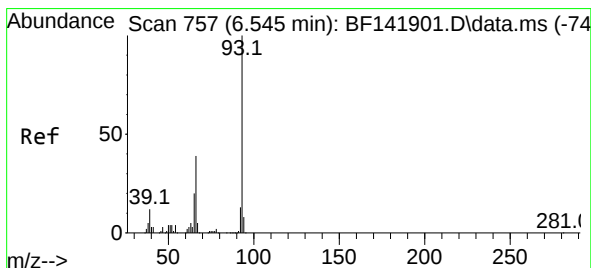
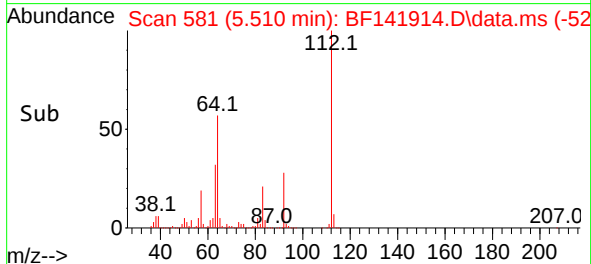
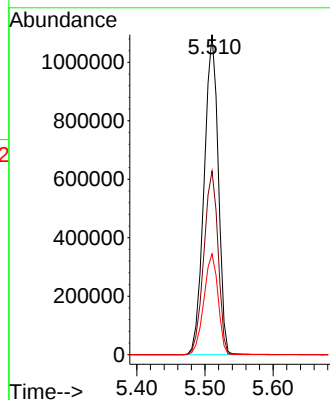
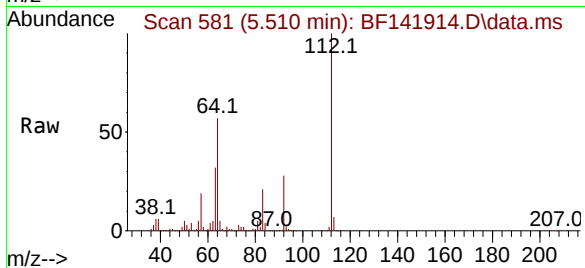




#5
2-Fluorophenol
Concen: 135.678 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

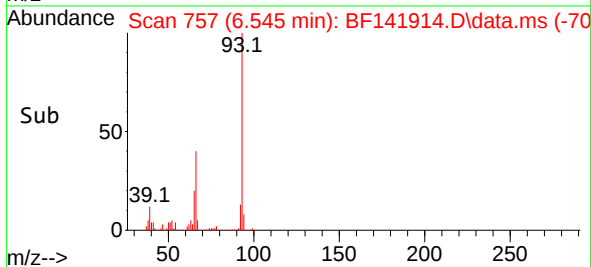
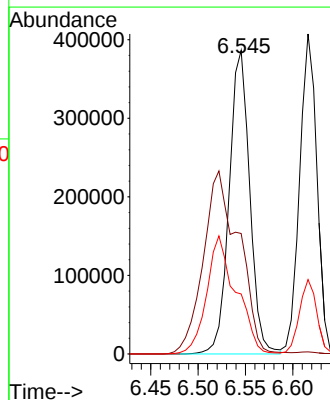
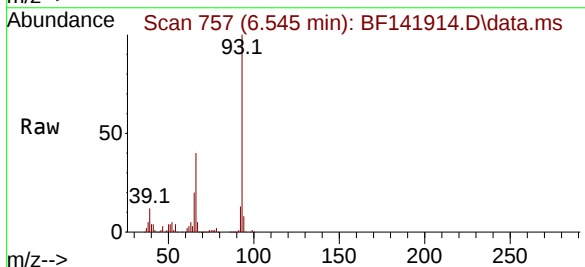
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Tgt Ion:112 Resp: 1579224
Ion Ratio Lower Upper
112 100
64 57.4 46.5 69.7
63 31.5 25.4 38.2



#6
Aniline
Concen: 40.007 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion: 93 Resp: 584885
Ion Ratio Lower Upper
93 100
66 39.7 31.9 47.9
65 19.8 15.8 23.6



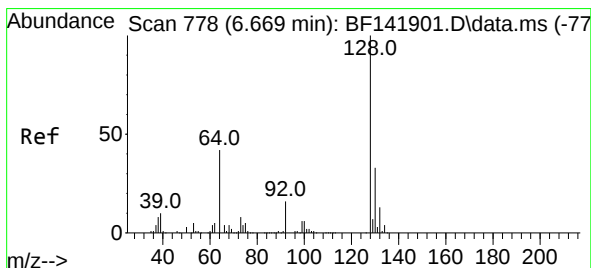
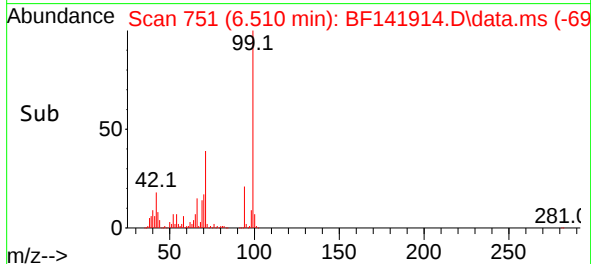
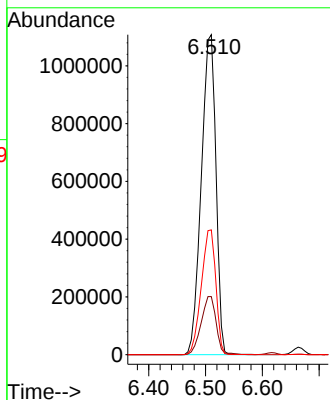
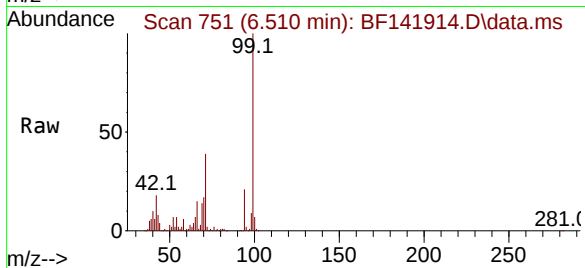


#7
Phenol-d6
Concen: 133.357 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion: 99 Resp: 1976302

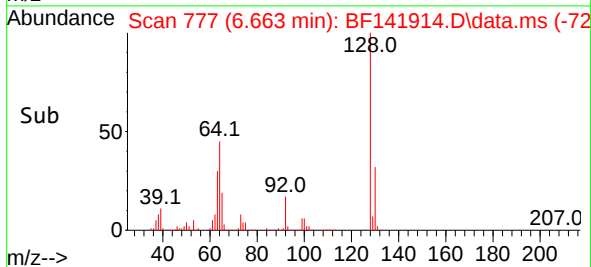
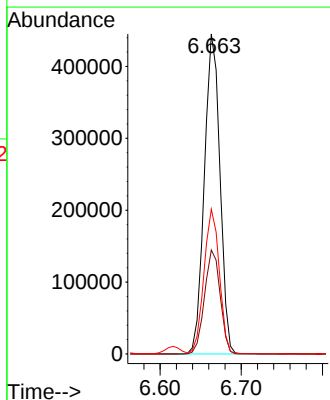
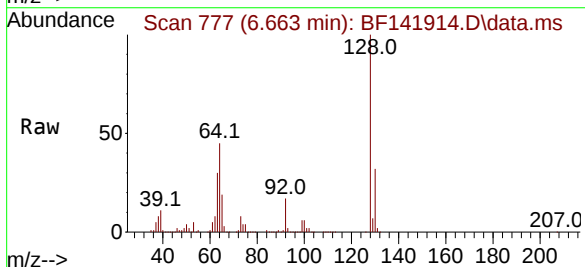
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	21.8
71	39.0	30.8	46.2



#8
2-Chlorophenol
Concen: 45.960 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF141914.D
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Tgt Ion: 128 Resp: 593300

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.8	52.8
64	45.2	24.4	64.4

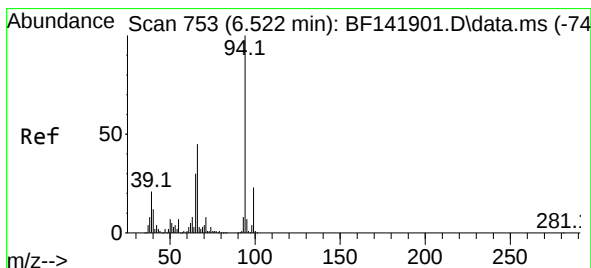
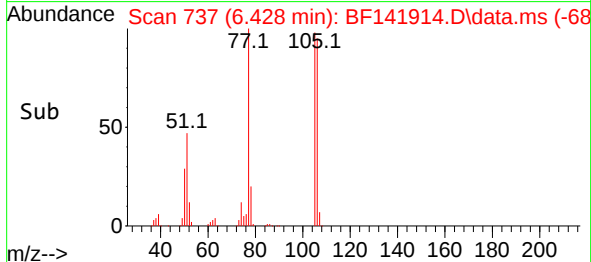
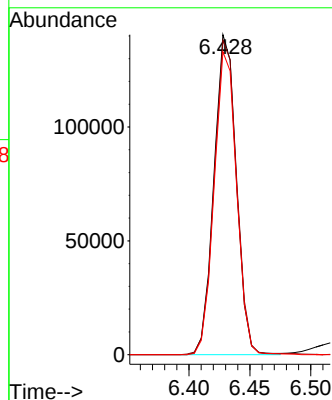
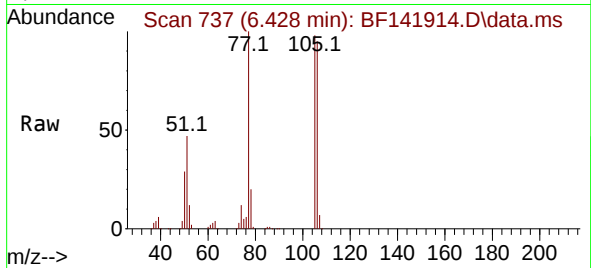




#9
Benzaldehyde
Concen: 21.536 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

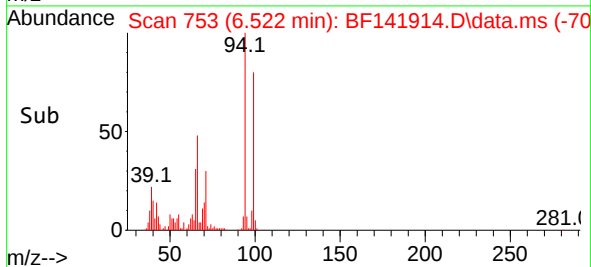
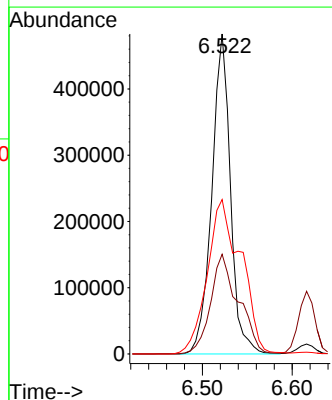
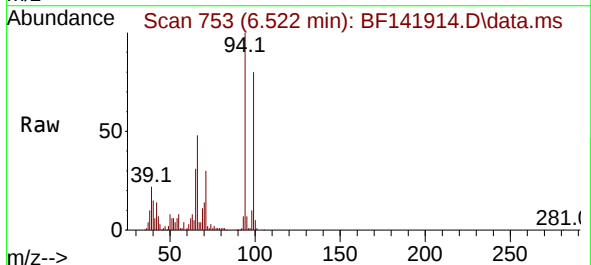
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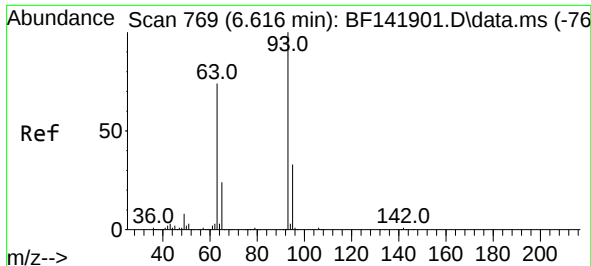
Tgt Ion: 77 Resp: 178499
Ion Ratio Lower Upper
77 100
105 98.2 80.0 120.0
106 94.6 74.5 114.5



#10
Phenol
Concen: 44.664 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 696343
Ion Ratio Lower Upper
94 100
65 31.1 10.5 50.5
66 48.2 25.8 65.8

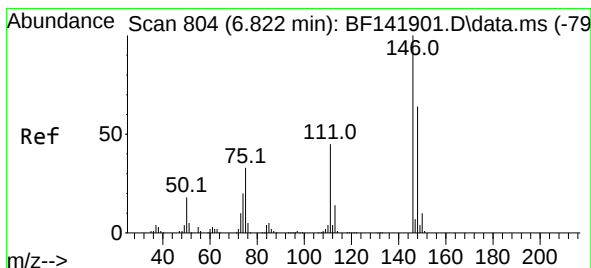
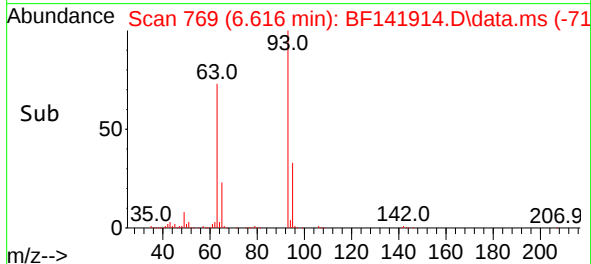
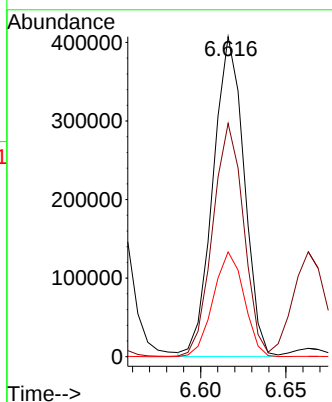
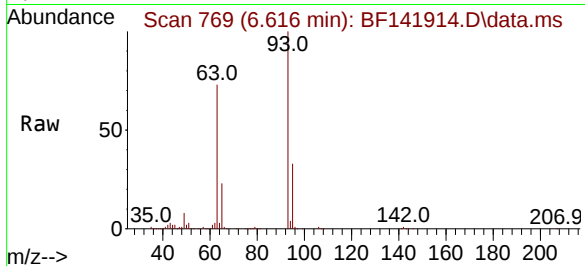




#11
bis(2-Chloroethyl)ether
Concen: 44.114 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

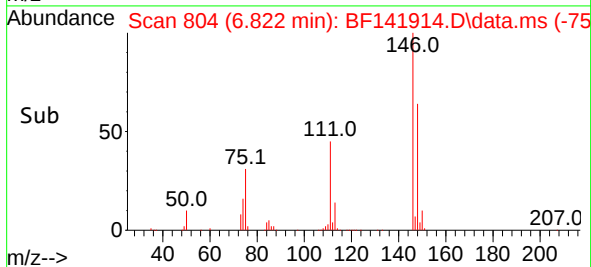
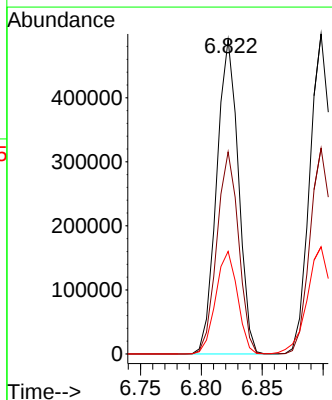
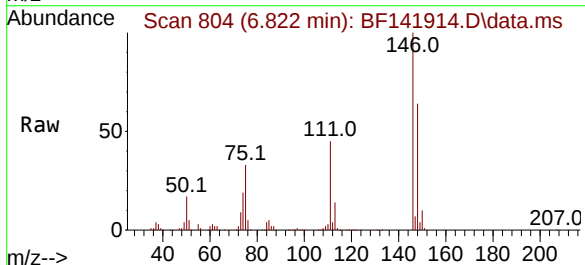
Instrument :
BNA_F
ClientSampleId :
PB167078BS

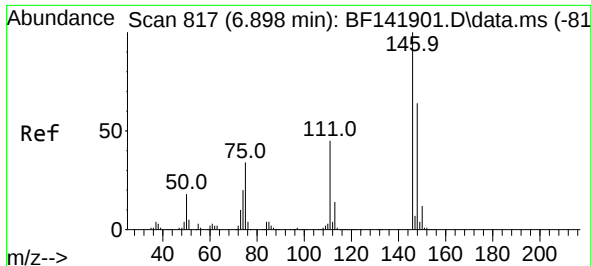
Tgt Ion: 93 Resp: 516428
Ion Ratio Lower Upper
93 100
63 72.9 53.0 93.0
95 32.7 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 43.765 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion: 146 Resp: 609944
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 32.6 26.6 40.0

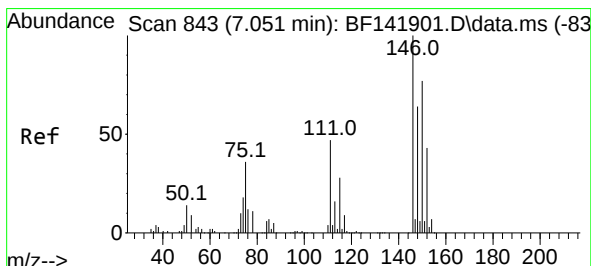
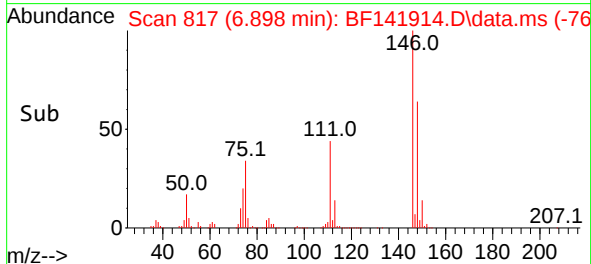
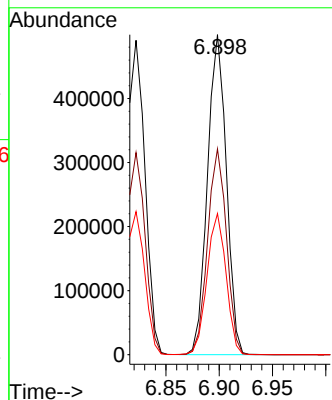
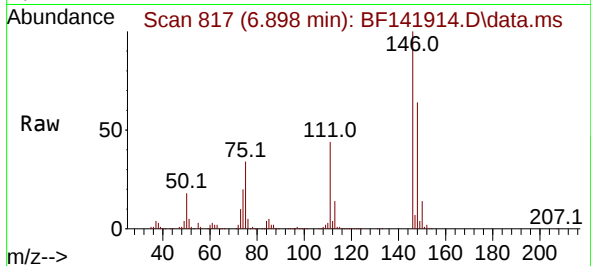




#13
1,4-Dichlorobenzene
Concen: 43.786 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

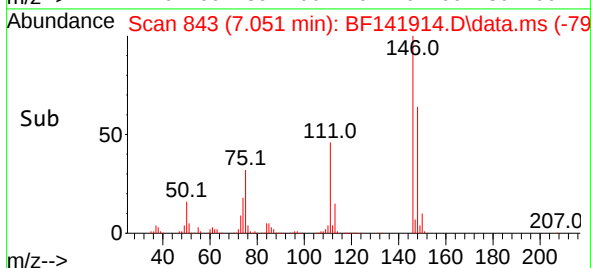
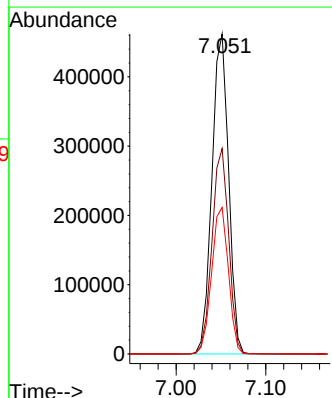
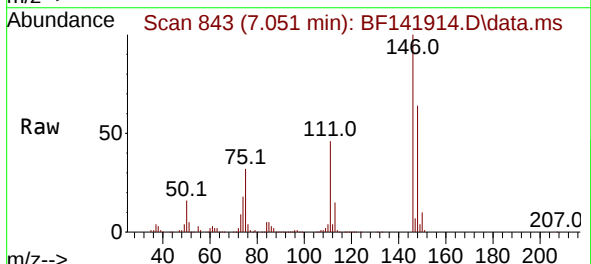
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:146 Resp: 617424
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 44.1 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 44.850 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:146 Resp: 595686
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 45.8 38.0 57.0

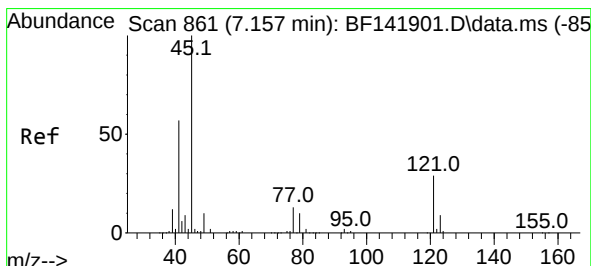
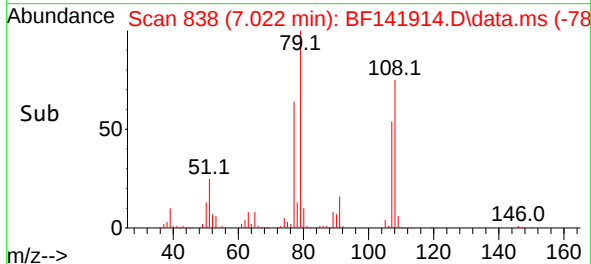
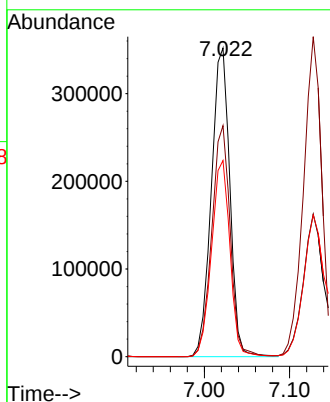
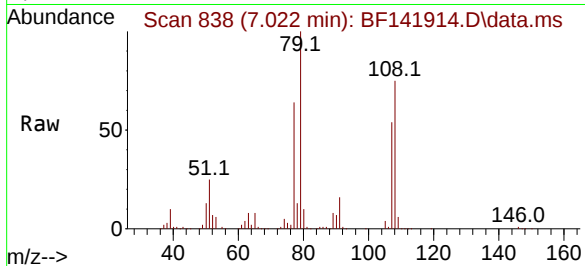




#15
Benzyl Alcohol
Concen: 44.306 ng
RT: 7.022 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

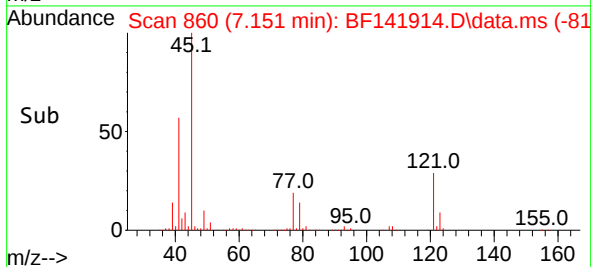
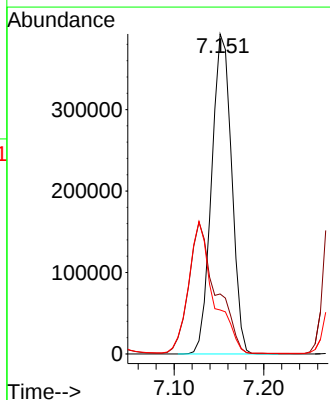
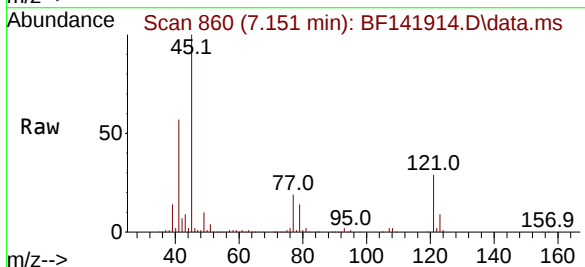
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion: 79 Resp: 530822
Ion Ratio Lower Upper
79 100
108 74.9 59.7 89.5
77 63.6 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.063 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion: 45 Resp: 608617
Ion Ratio Lower Upper
45 100
77 18.8 0.0 37.8
79 13.8 0.0 34.2

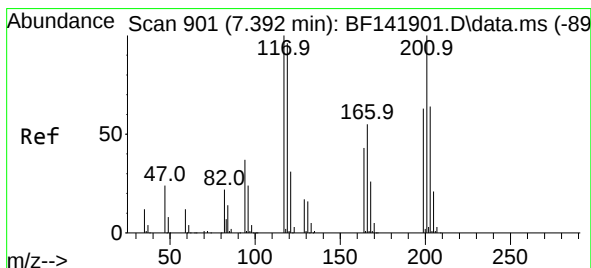
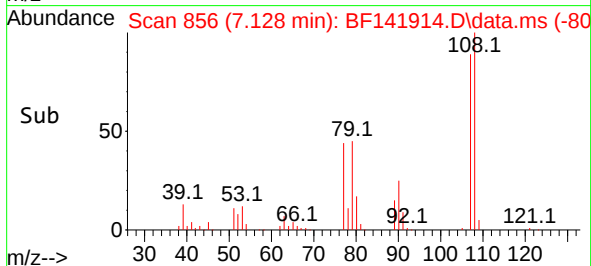
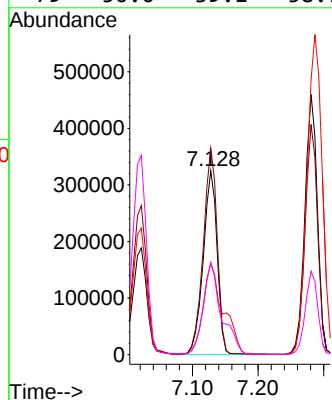
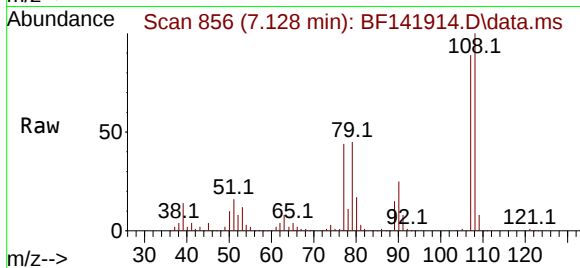




#17
2-Methylphenol
Concen: 46.853 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

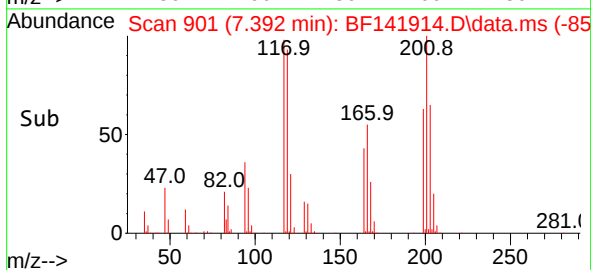
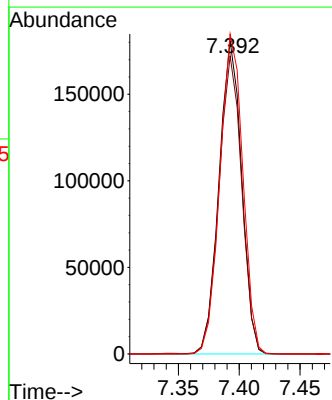
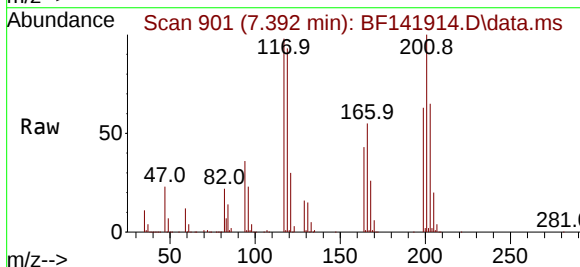
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:	107	Resp:	480905
Ion	Ratio	Lower	Upper
107	100		
108	112.2	90.2	135.2
77	49.8	39.6	59.4
79	50.0	39.1	58.7



#18
Hexachloroethane
Concen: 44.245 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

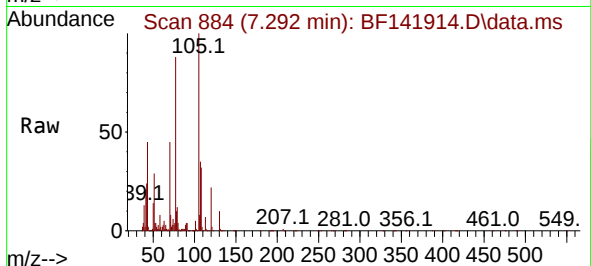
Tgt Ion:	117	Resp:	233956
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.9	115.3
201	102.2	79.9	119.9



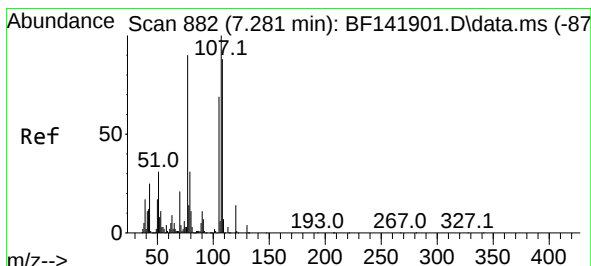
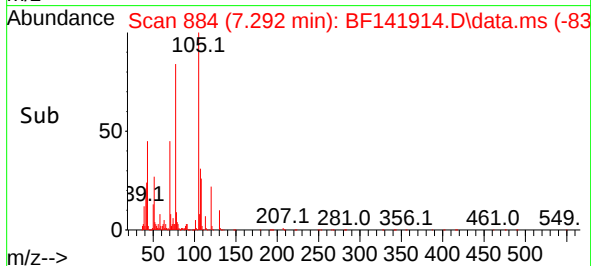
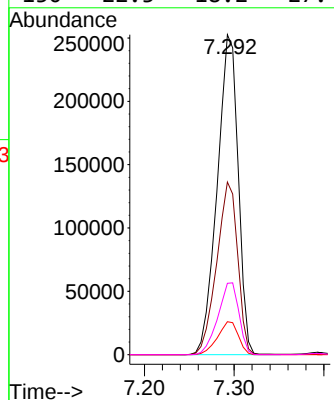


#19
n-Nitroso-di-n-propylamine
Concen: 42.939 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Instrument :
BNA_F
ClientSampleId :
PB167078BS

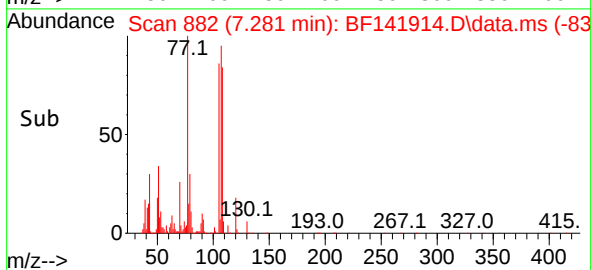
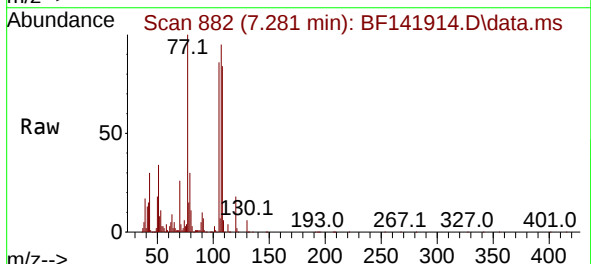
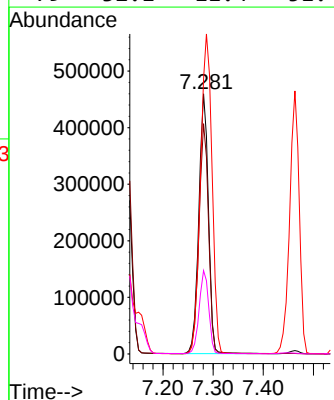


Tgt Ion: 70 Resp: 408883
Ion Ratio Lower Upper
70 100
42 53.9 41.4 62.0
101 10.3 8.2 12.2
130 22.3 18.2 27.4



#20
3+4-Methylphenols
Concen: 46.447 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion: 107 Resp: 610634
Ion Ratio Lower Upper
107 100
108 88.5 68.4 108.4
77 105.7 69.7 109.7
79 32.1 11.4 51.4

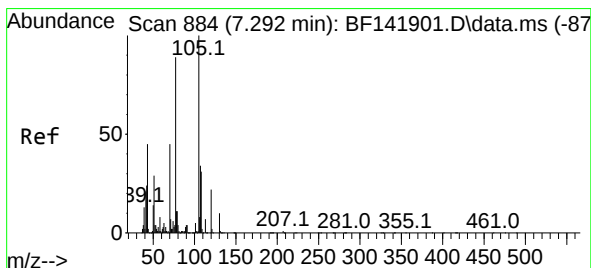
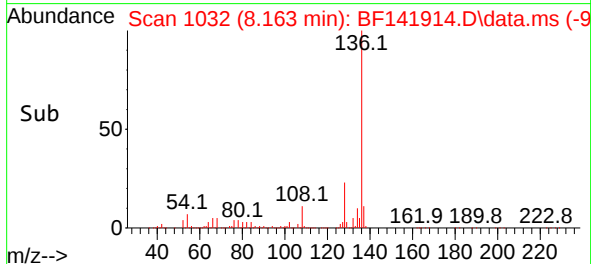
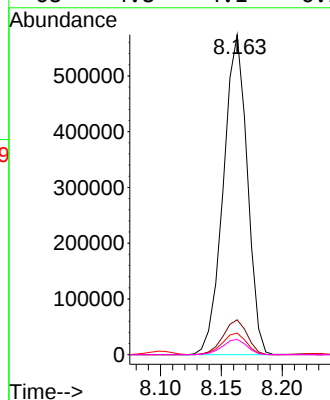
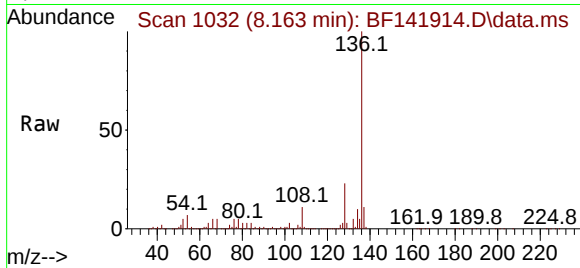




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

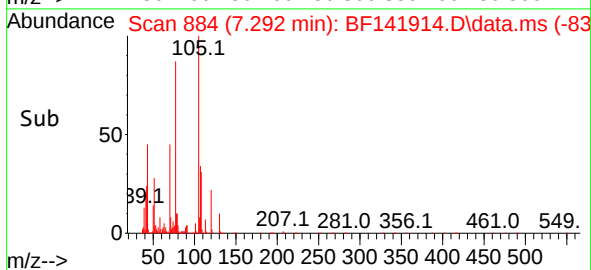
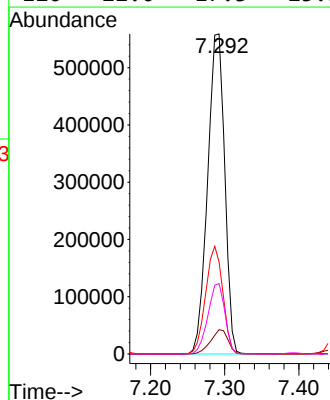
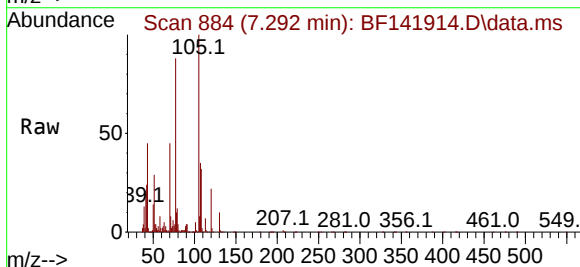
Instrument :
BNA_F
ClientSampleId :
PB167078BS

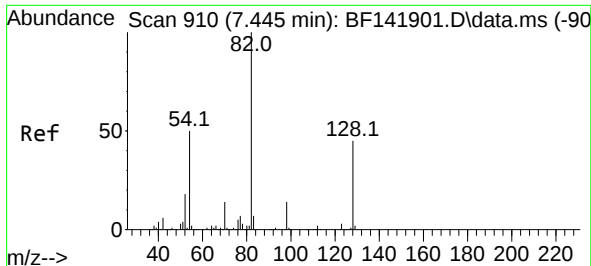
Tgt Ion:136 Resp: 783150
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.8 8.8
68 4.8 4.1 6.1



#22
Acetophenone
Concen: 47.754 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:105 Resp: 895615
Ion Ratio Lower Upper
105 100
71 7.6 5.8 8.8
51 28.8 23.4 35.0
120 22.0 17.3 25.9





#23

Nitrobenzene-d5

Concen: 95.270 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

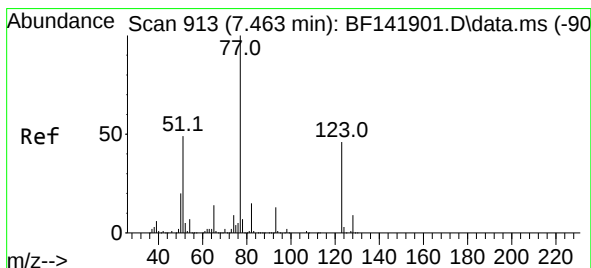
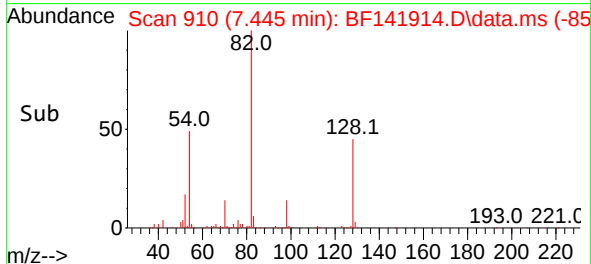
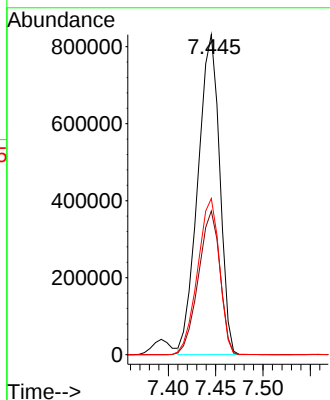
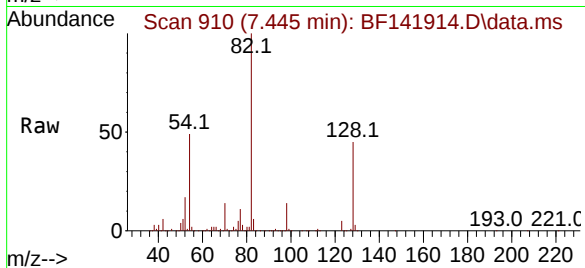
Tgt Ion: 82 Resp: 1325808

Ion Ratio Lower Upper

82 100

128 44.9 36.0 54.0

54 48.8 39.6 59.4



#24

Nitrobenzene

Concen: 44.706 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

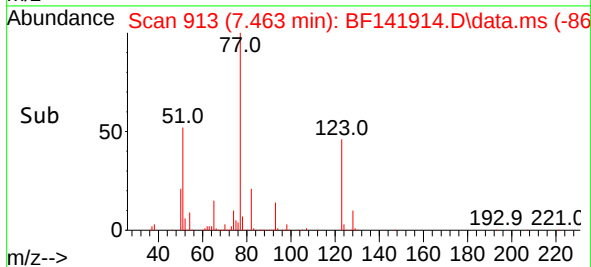
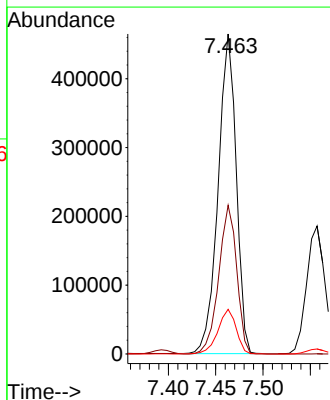
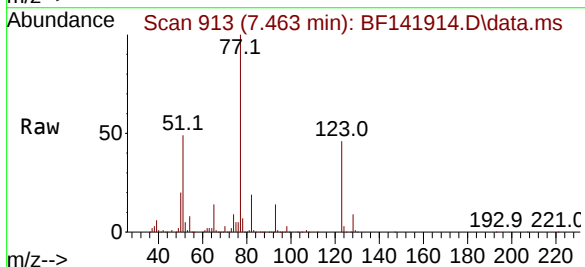
Tgt Ion: 77 Resp: 618481

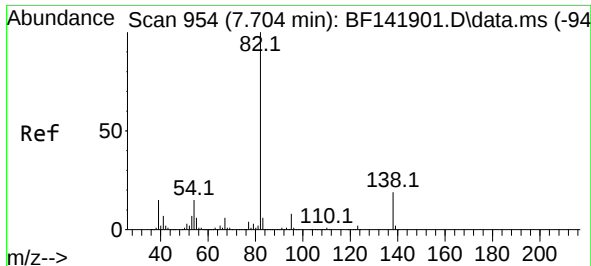
Ion Ratio Lower Upper

77 100

123 46.4 37.0 55.4

65 14.0 11.3 16.9

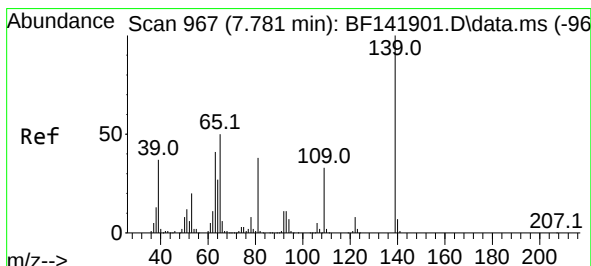
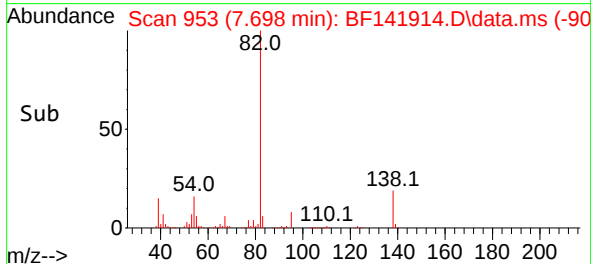
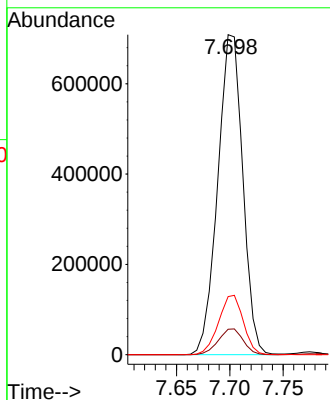
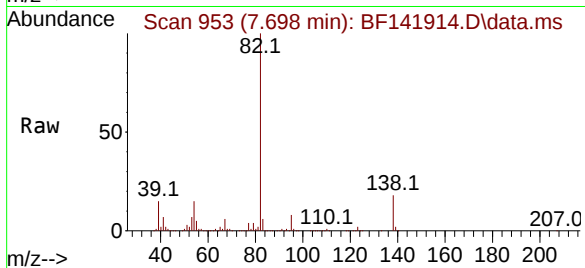




#25
Isophorone
Concen: 47.056 ng
RT: 7.698 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

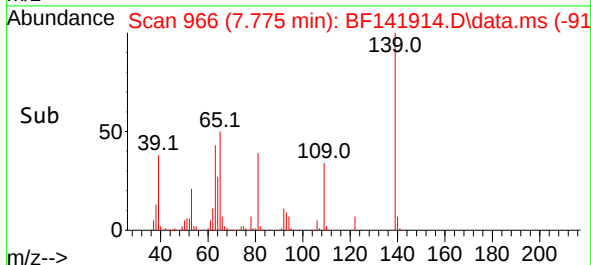
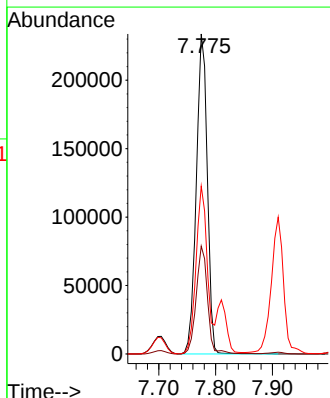
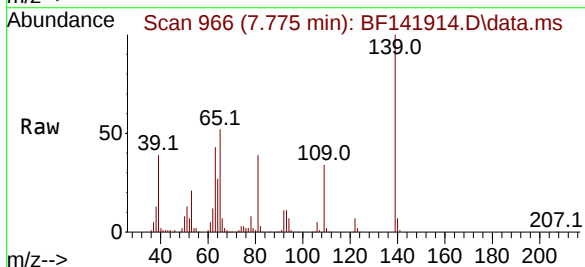
Instrument :
BNA_F
ClientSampleId :
PB167078BS

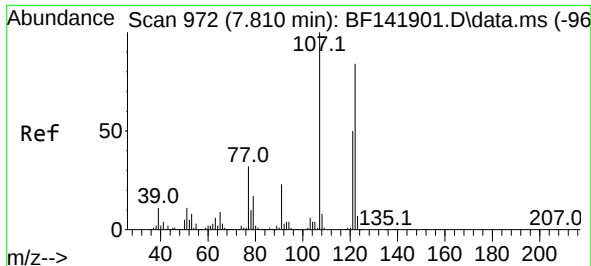
Tgt Ion: 82 Resp: 1157530
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.2 14.9 22.3



#26
2-Nitrophenol
Concen: 46.571 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:139 Resp: 316216
Ion Ratio Lower Upper
139 100
109 33.7 26.5 39.7
65 52.4 40.3 60.5

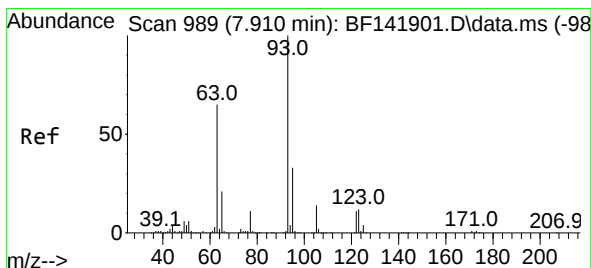
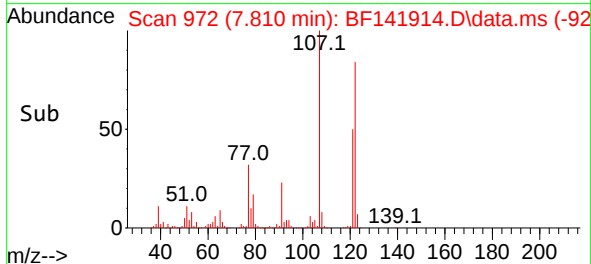
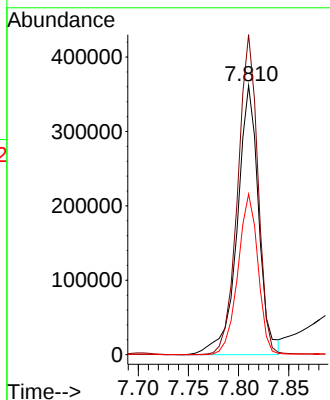
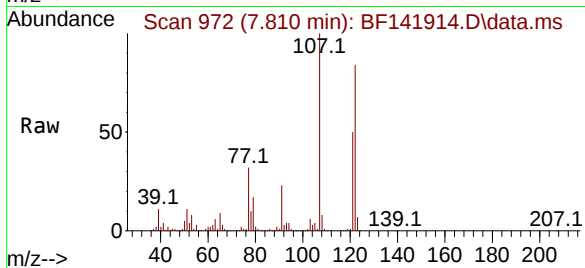




#27
2,4-Dimethylphenol
Concen: 57.445 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

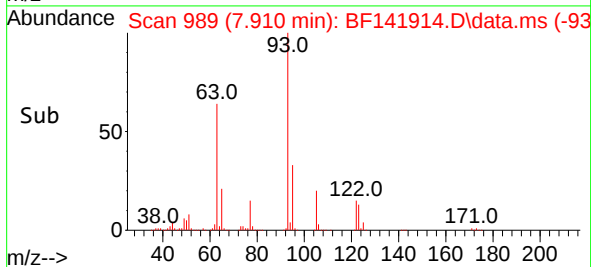
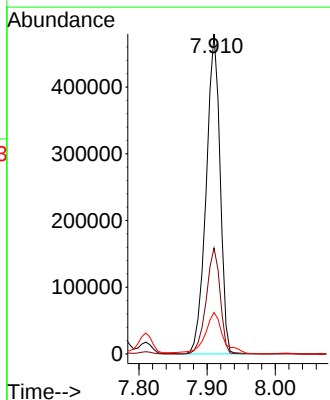
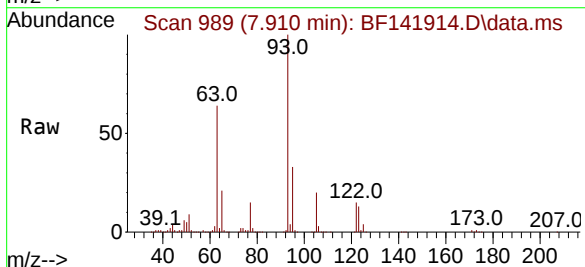
Instrument :
BNA_F
ClientSampleId :
PB167078BS

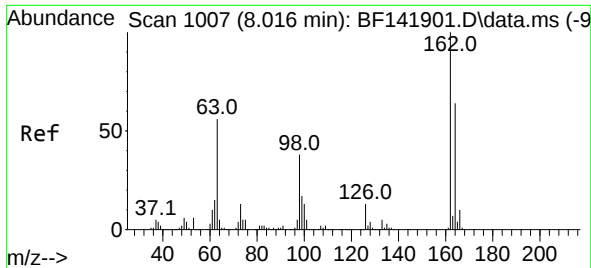
Tgt Ion:122 Resp: 537084
Ion Ratio Lower Upper
122 100
107 118.9 94.8 142.2
121 59.7 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.004 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion: 93 Resp: 678927
Ion Ratio Lower Upper
93 100
95 33.1 26.6 40.0
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.491 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

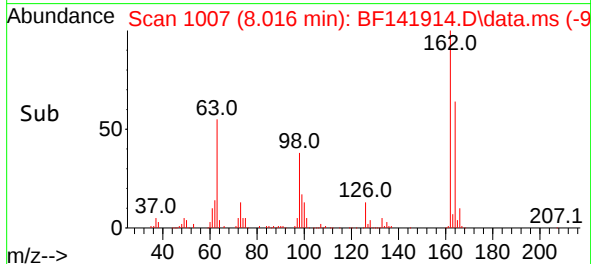
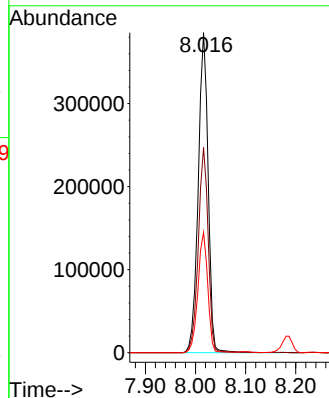
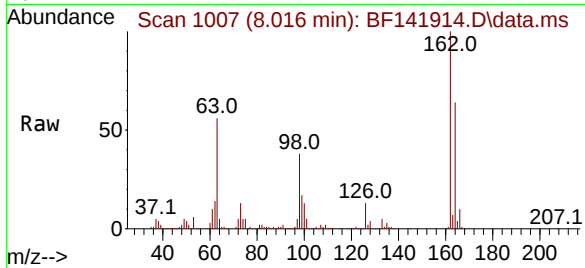
Tgt Ion:162 Resp: 527921

Ion Ratio Lower Upper

162 100

164 64.1 43.8 83.8

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 43.197 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

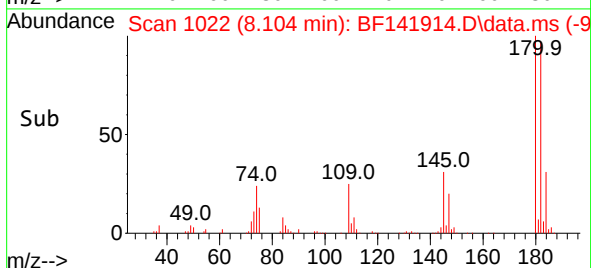
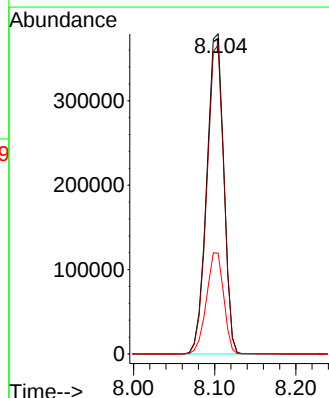
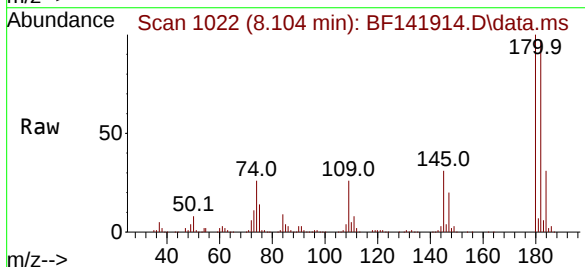
Tgt Ion:180 Resp: 552443

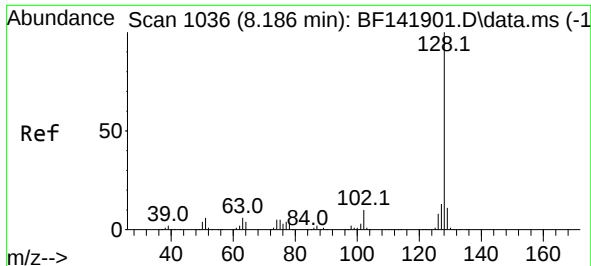
Ion Ratio Lower Upper

180 100

182 96.5 77.5 116.3

145 31.5 25.8 38.6

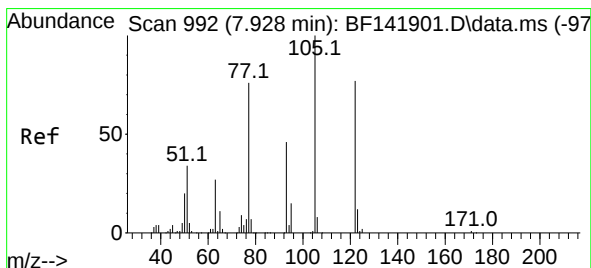
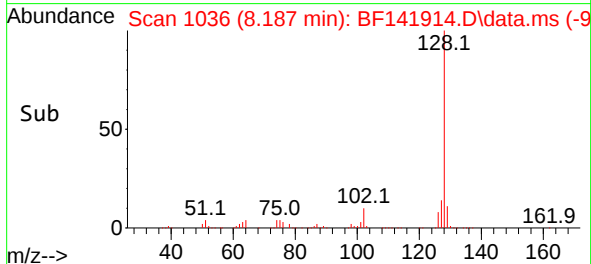
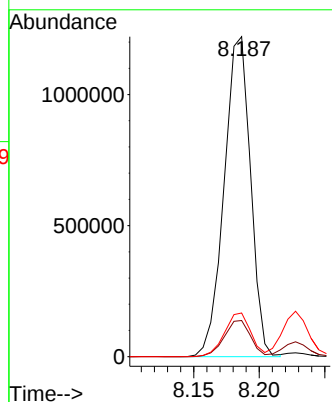
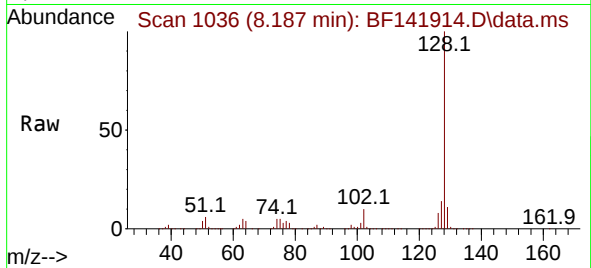




#31
Naphthalene
Concen: 42.456 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

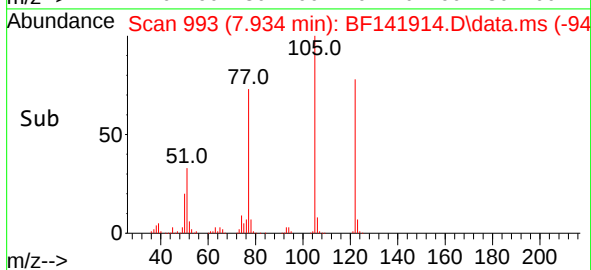
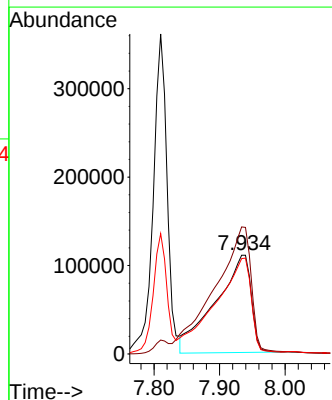
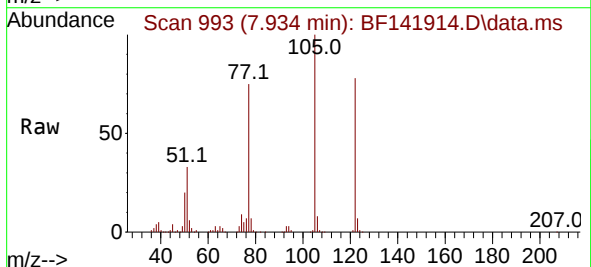
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:128 Resp: 1707983
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 50.624 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:122 Resp: 416051
Ion Ratio Lower Upper
122 100
105 128.6 107.9 147.9
77 96.6 79.0 119.0

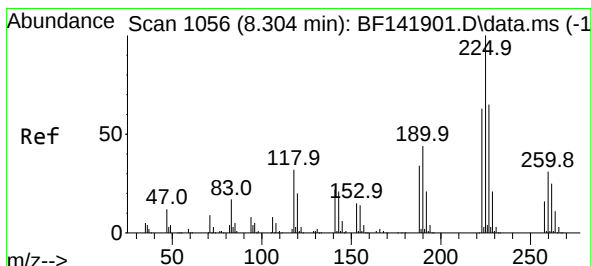
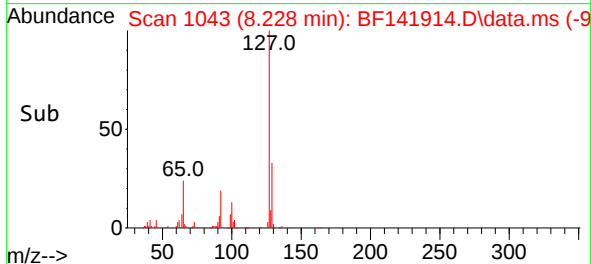
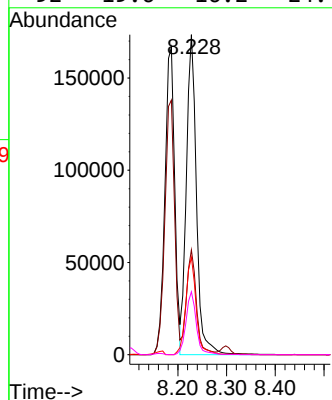
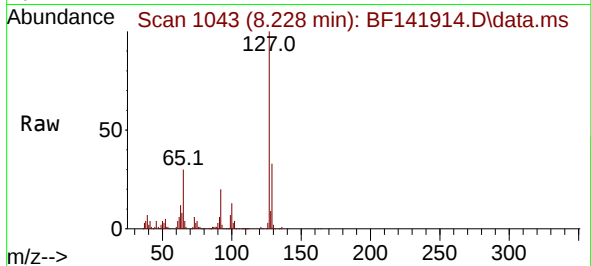




#33
4-Chloroaniline
Concen: 17.599 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

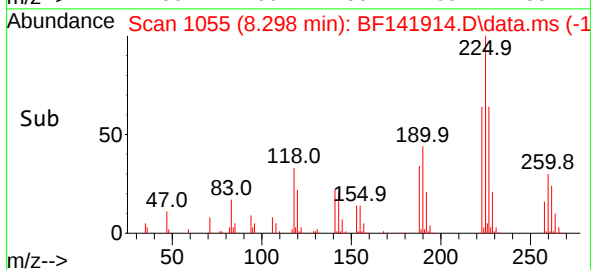
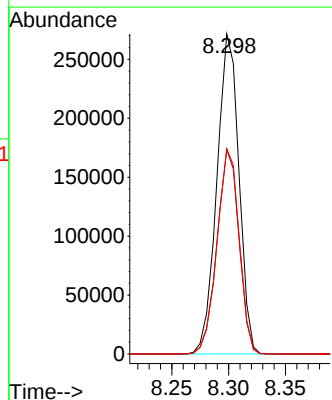
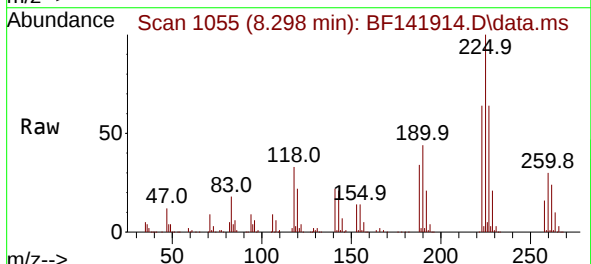
Instrument :
BNA_F
ClientSampleId :
PB167078BS

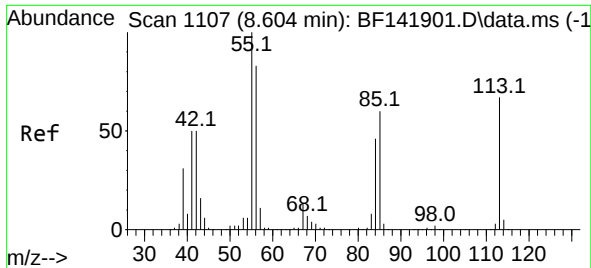
Tgt Ion:	127	Resp:	249925
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	30.5	25.4	38.2
92	19.6	16.2	24.4



#34
Hexachlorobutadiene
Concen: 43.968 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:	225	Resp:	366710
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.6	75.8
227	64.2	52.2	78.2

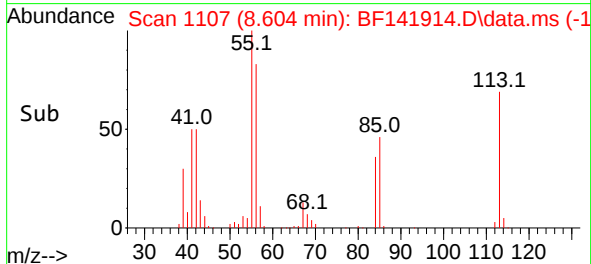
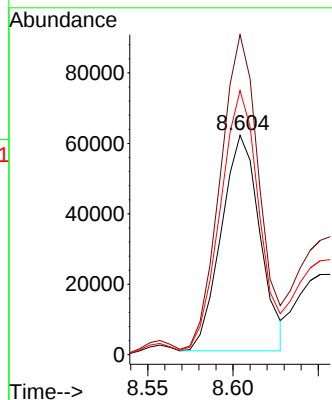
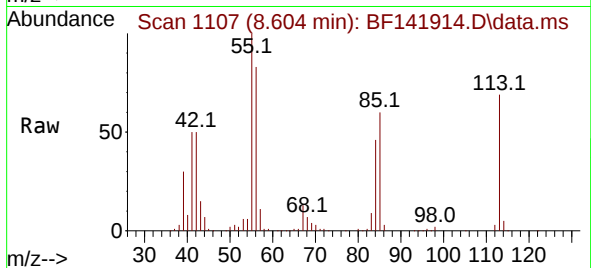




#35
Caprolactam
Concen: 27.370 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

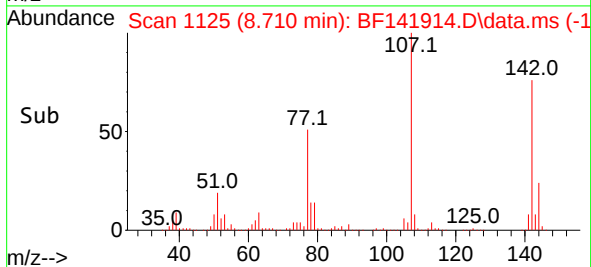
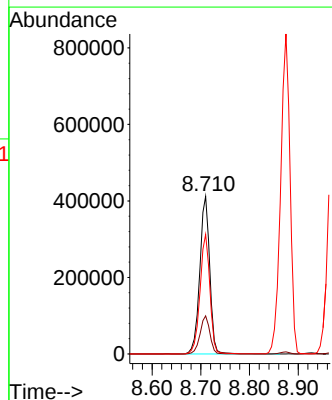
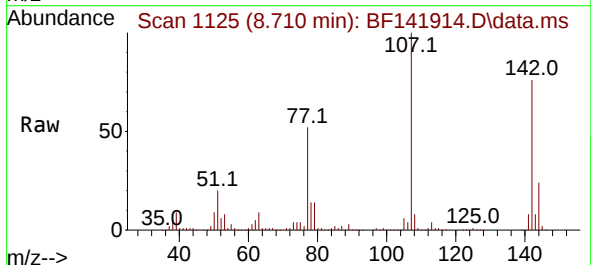
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:113 Resp: 96838
Ion Ratio Lower Upper
113 100
55 145.9 129.6 169.6
56 120.4 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 45.460 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:107 Resp: 588497
Ion Ratio Lower Upper
107 100
144 24.2 19.0 28.6
142 75.8 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.030 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

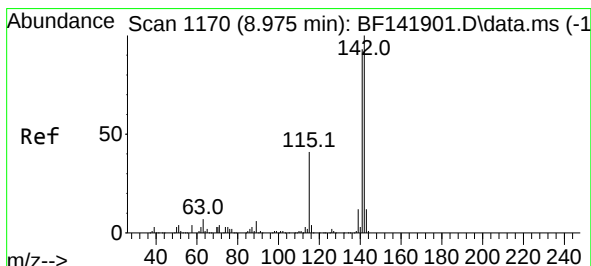
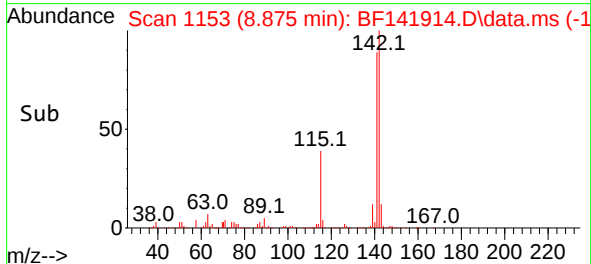
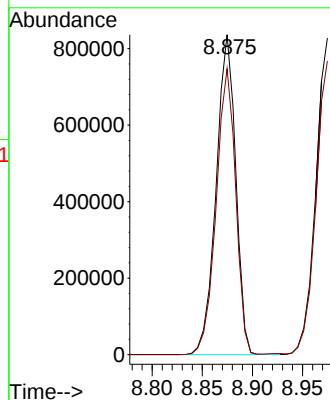
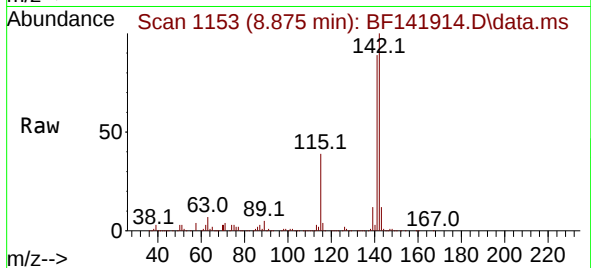
PB167078BS

Tgt Ion:142 Resp: 1130180

Ion Ratio Lower Upper

142 100

141 89.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.786 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141914.D

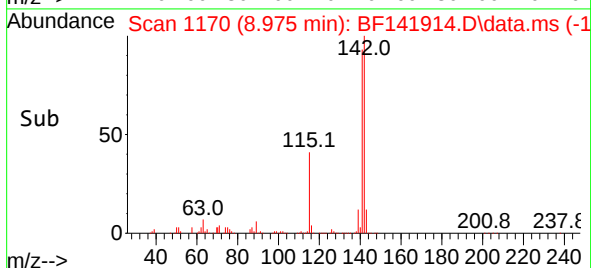
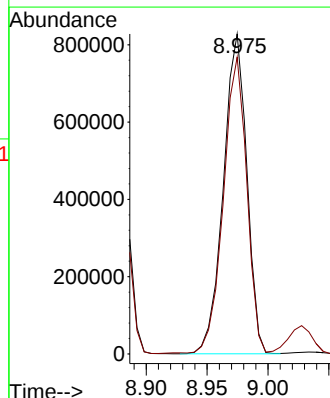
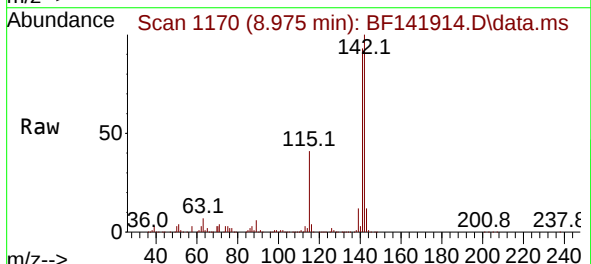
Acq: 11 Mar 2025 13:50

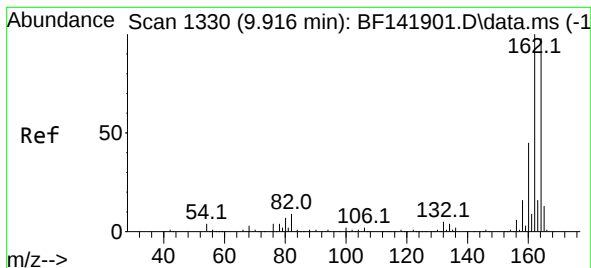
Tgt Ion:142 Resp: 1110213

Ion Ratio Lower Upper

142 100

141 92.7 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: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

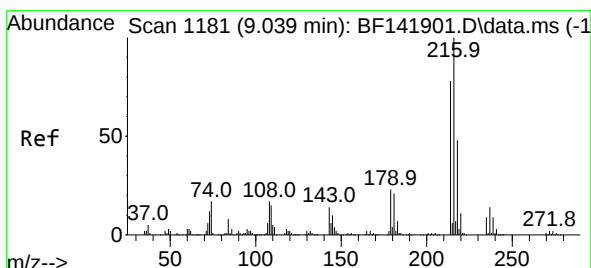
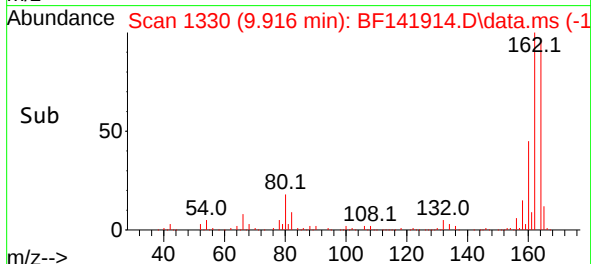
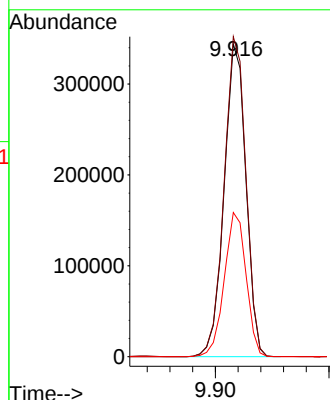
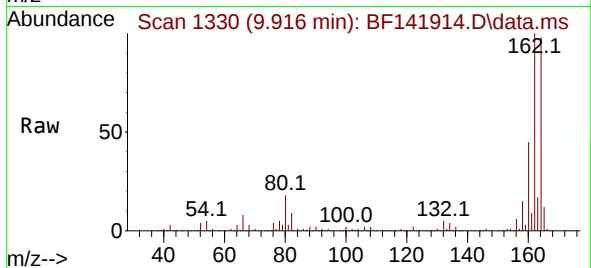
Tgt Ion:164 Resp: 458173

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 46.1 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.013 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Tgt Ion:216 Resp: 669756

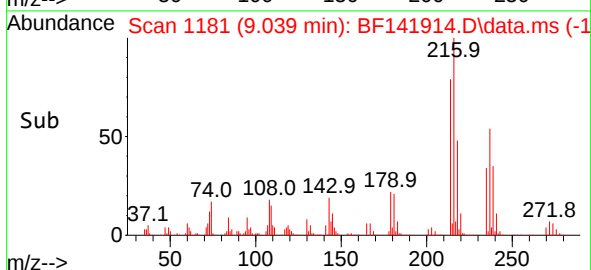
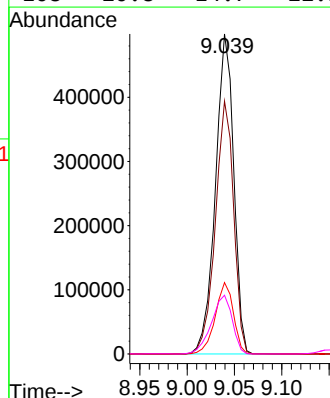
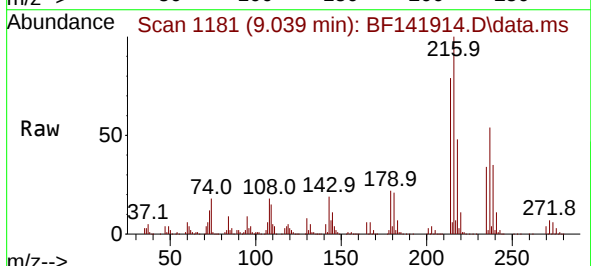
Ion Ratio Lower Upper

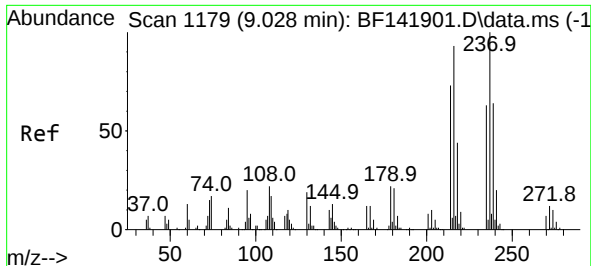
216 100

214 78.9 61.9 92.9

179 22.2 18.1 27.1

108 20.8 14.7 22.1

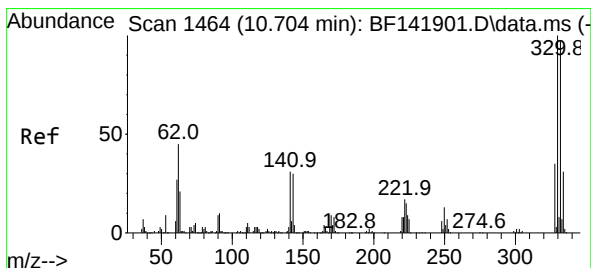
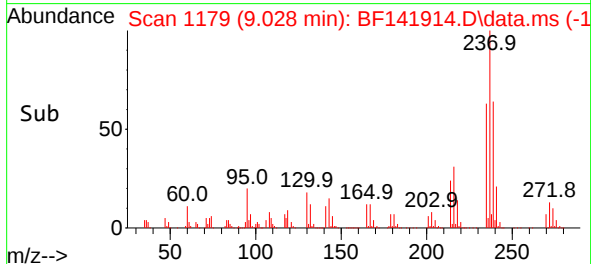
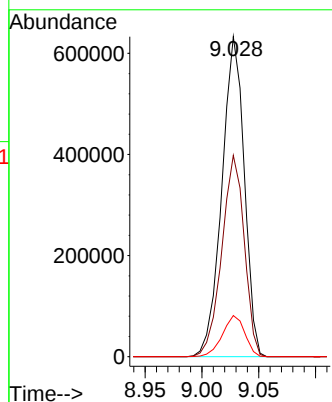
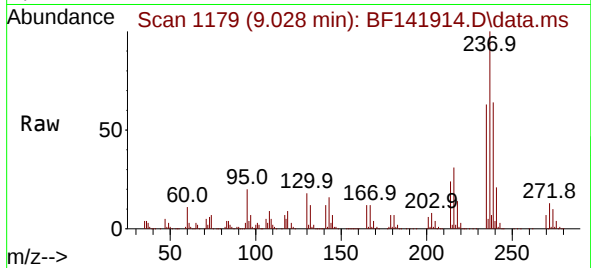




#41
Hexachlorocyclopentadiene
Concen: 159.141 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

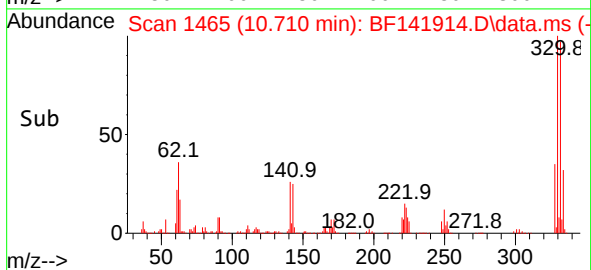
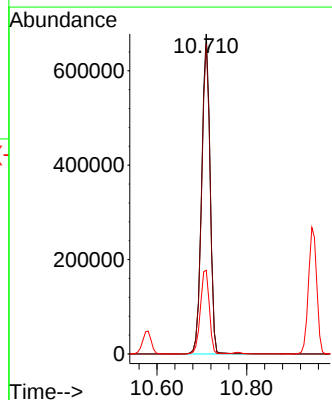
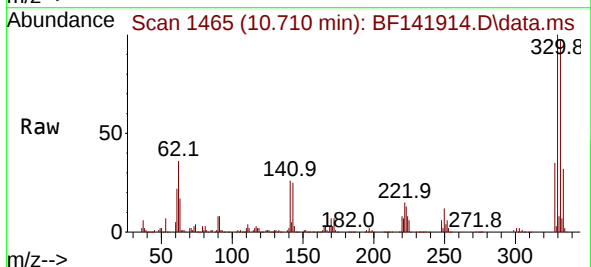
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:237 Resp: 868792
Ion Ratio Lower Upper
237 100
235 62.9 43.1 83.1
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 151.365 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:330 Resp: 879814
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 27.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 46.104 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

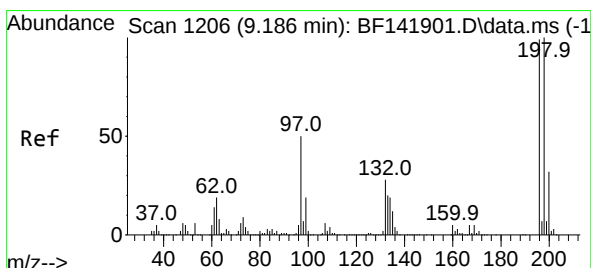
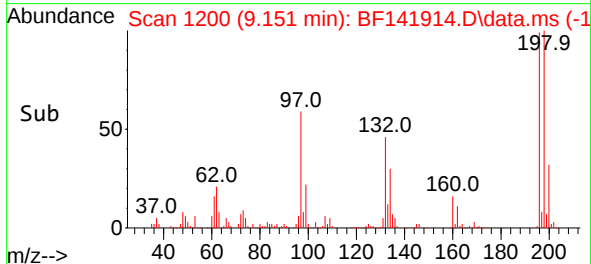
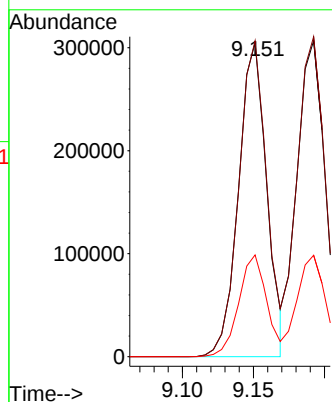
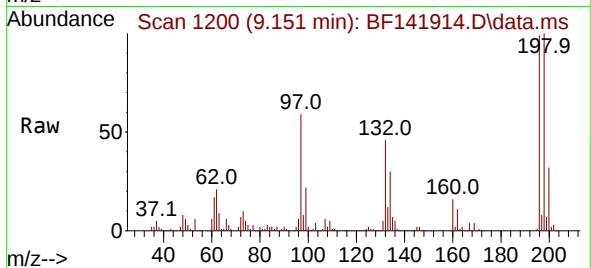
Tgt Ion:196 Resp: 420307

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.4 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 46.097 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Tgt Ion:196 Resp: 425631

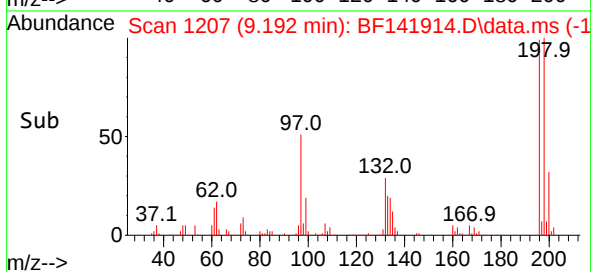
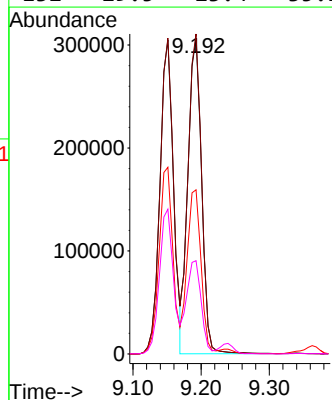
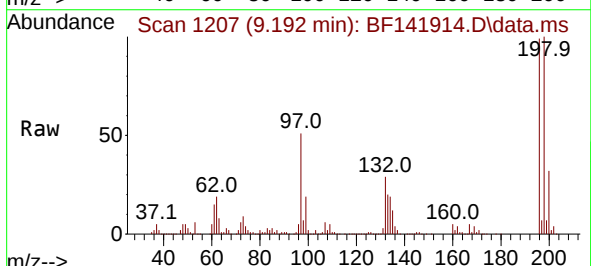
Ion Ratio Lower Upper

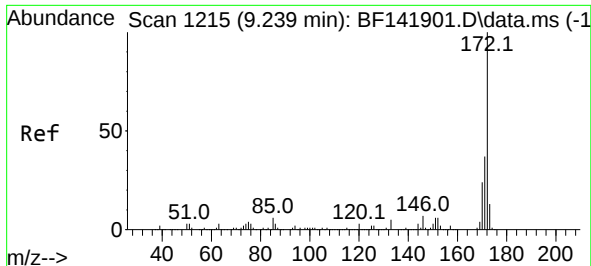
196 100

198 101.3 80.7 121.1

97 51.9 42.1 63.1

132 29.5 23.4 35.2

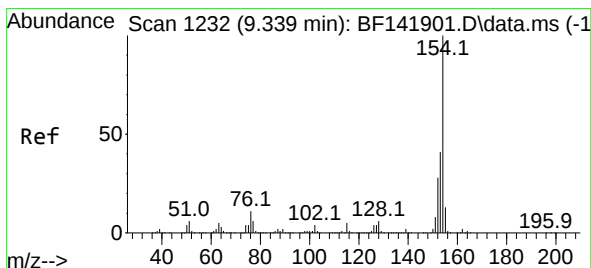
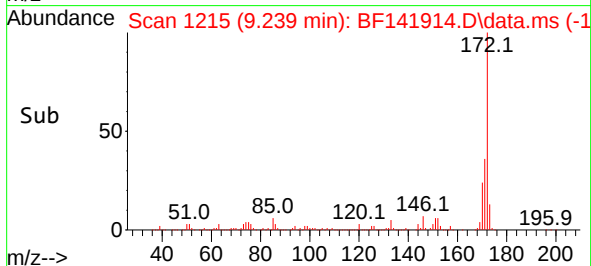
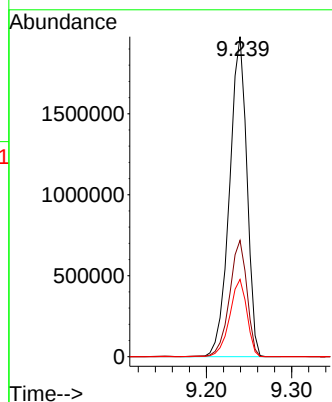
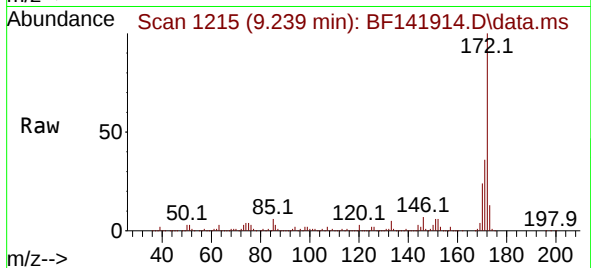




#45
2-Fluorobiphenyl
Concen: 92.838 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

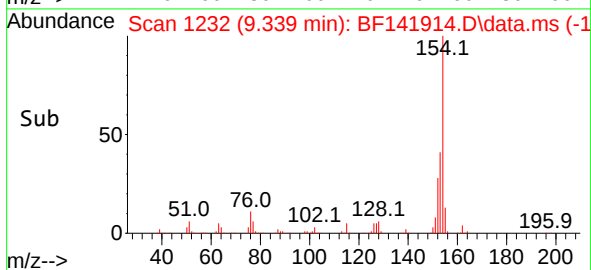
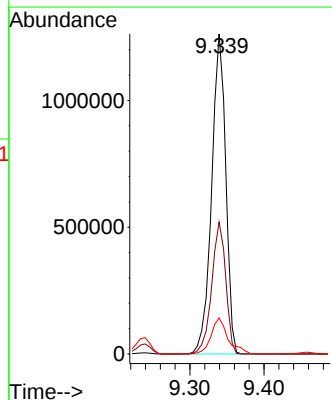
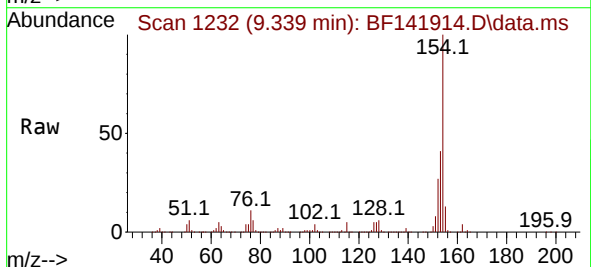
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:172 Resp: 2796909
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.2 19.4 29.0



#46
1,1'-Biphenyl
Concen: 47.790 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:154 Resp: 1663681
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 11.3 0.0 31.3





#47

2-Chloronaphthalene

Concen: 44.400 ng

RT: 9.363 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

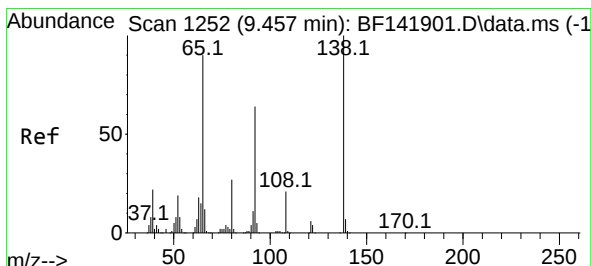
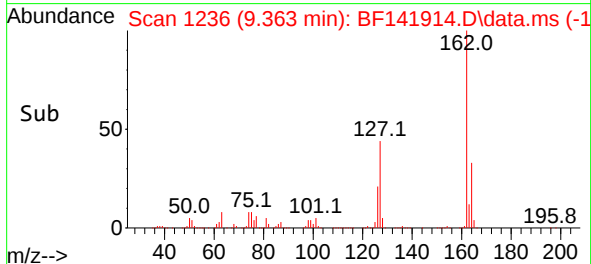
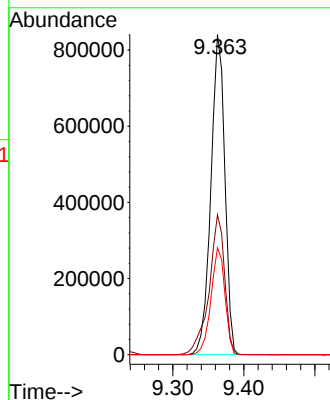
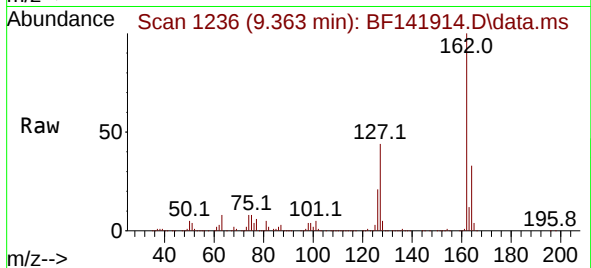
Tgt Ion:162 Resp: 1152083

Ion Ratio Lower Upper

162 100

127 43.8 35.5 53.3

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 46.241 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

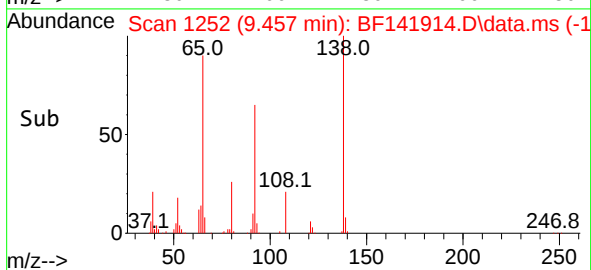
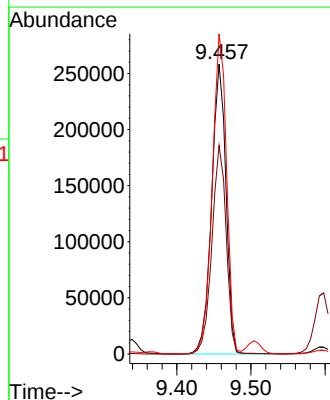
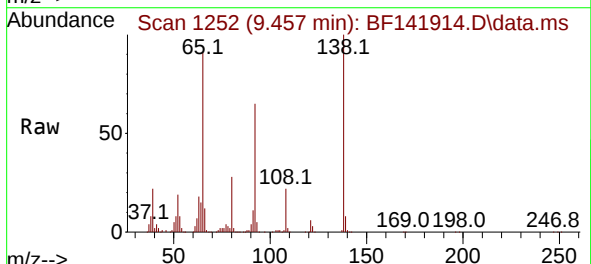
Tgt Ion: 65 Resp: 347407

Ion Ratio Lower Upper

65 100

92 72.0 56.6 84.8

138 110.5 88.6 133.0





#49

Acenaphthylene

Concen: 46.488 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

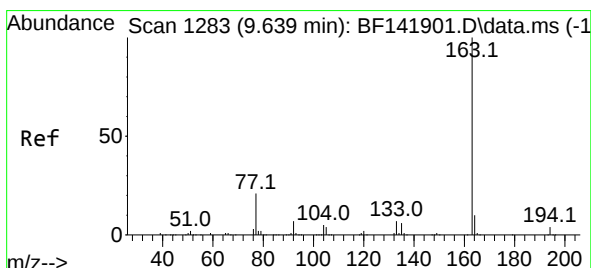
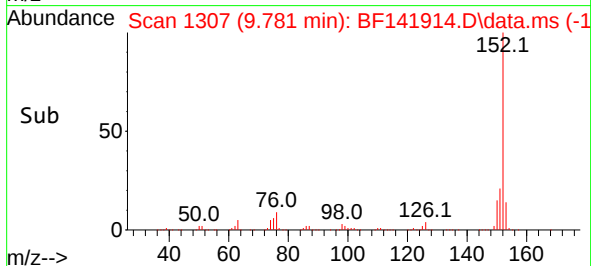
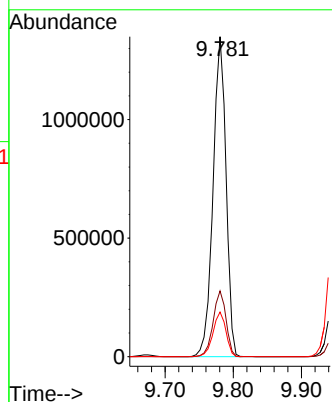
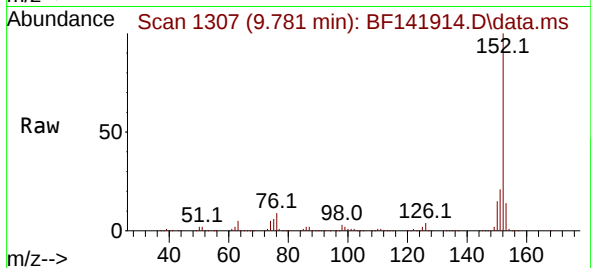
Tgt Ion:152 Resp: 1790023

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 44.546 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

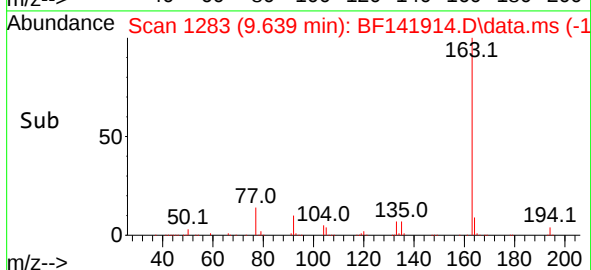
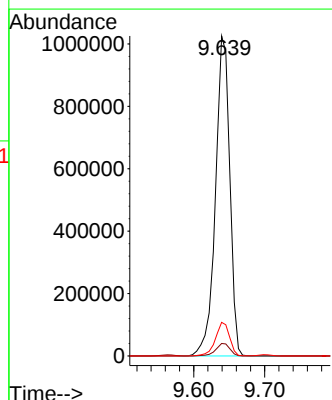
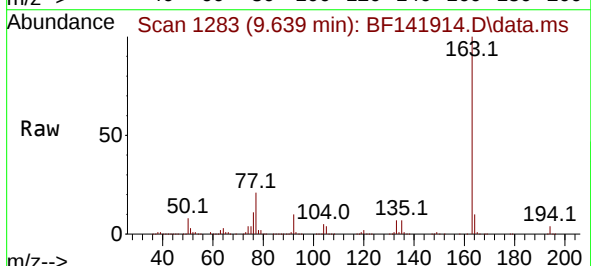
Tgt Ion:163 Resp: 1429251

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.5 8.2 12.4

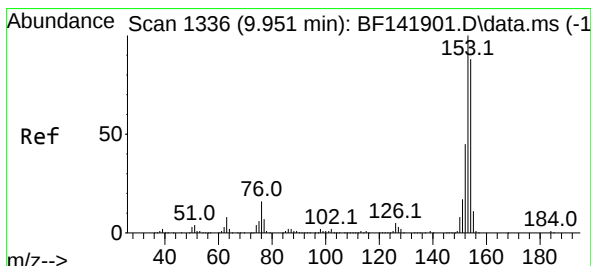
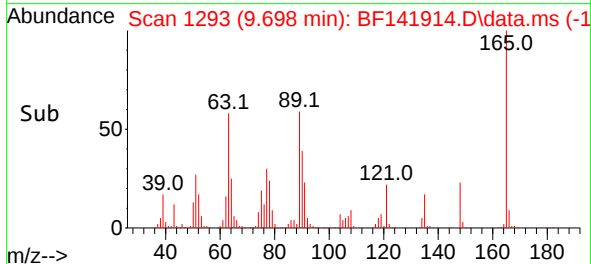
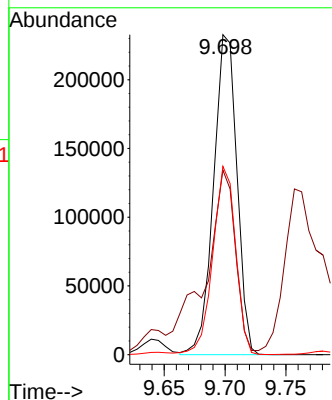
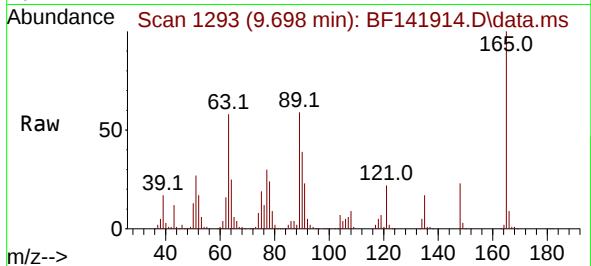




#51
2,6-Dinitrotoluene
Concen: 46.594 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

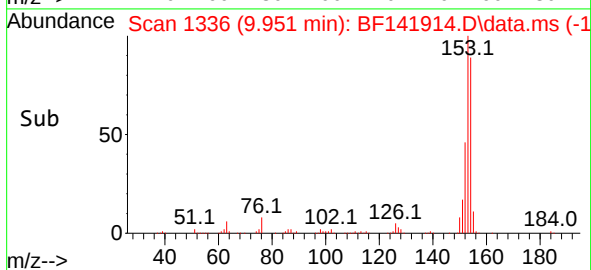
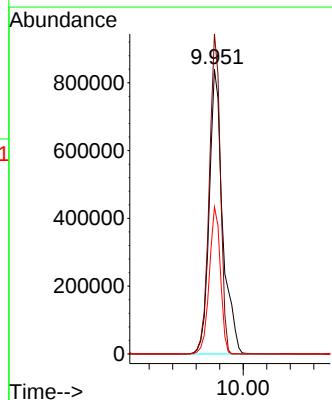
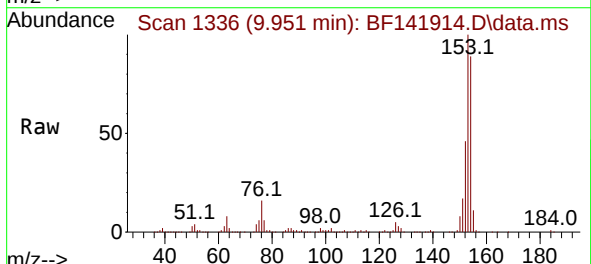
Instrument :
BNA_F
ClientSampleId :
PB167078BS

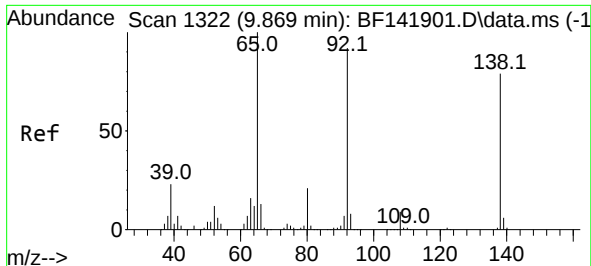
Tgt Ion:165 Resp: 311261
Ion Ratio Lower Upper
165 100
63 57.7 47.0 70.4
89 58.8 47.4 71.2



#52
Acenaphthene
Concen: 49.267 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:154 Resp: 1333159
Ion Ratio Lower Upper
154 100
153 112.4 90.7 136.1
152 51.7 41.1 61.7

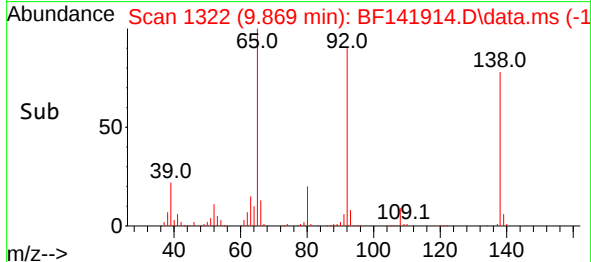
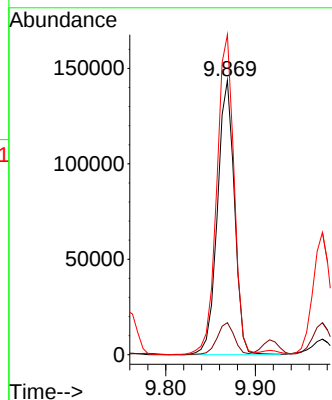
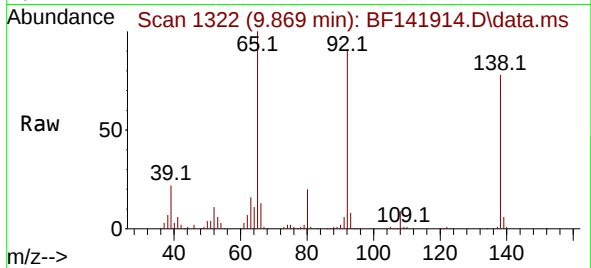




#53
3-Nitroaniline
Concen: 27.858 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

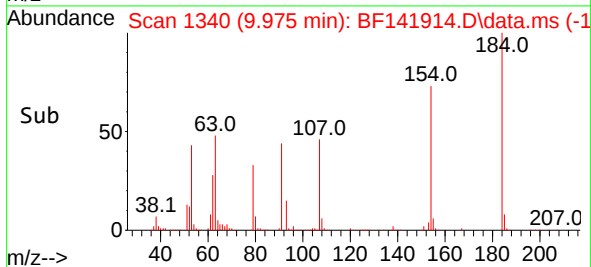
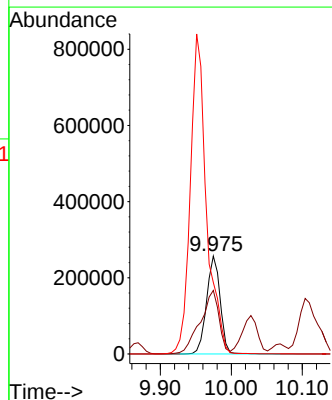
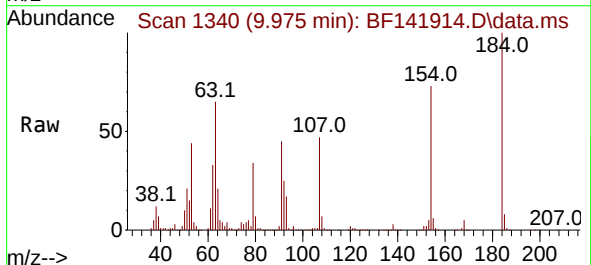
Instrument :
BNA_F
ClientSampleId :
PB167078BS

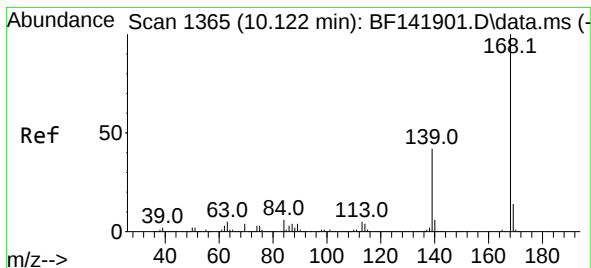
Tgt Ion:138 Resp: 188775
Ion Ratio Lower Upper
138 100
108 11.7 9.3 13.9
92 116.7 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 89.289 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:184 Resp: 342063
Ion Ratio Lower Upper
184 100
63 64.8 60.2 90.4
154 73.0 132.9 199.3#

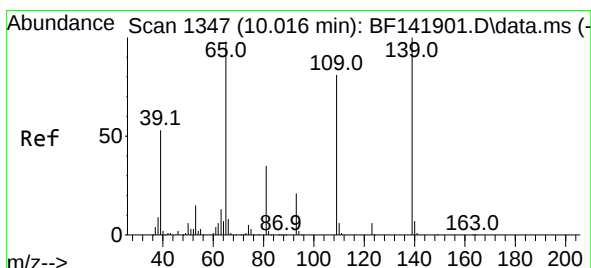
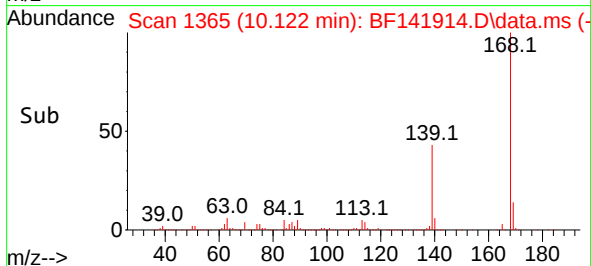
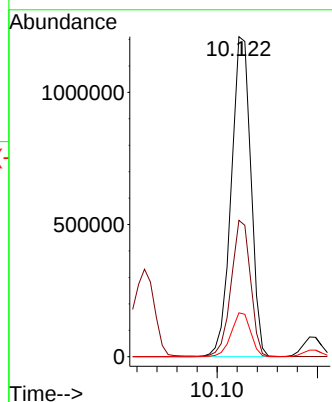
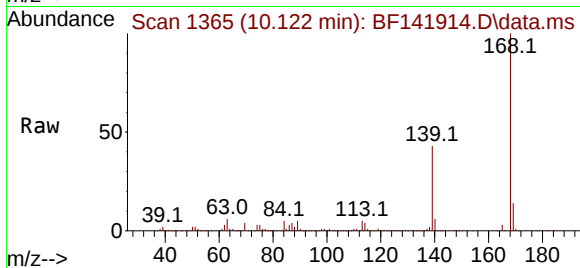




#55
Dibenzenofuran
Concen: 42.584 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

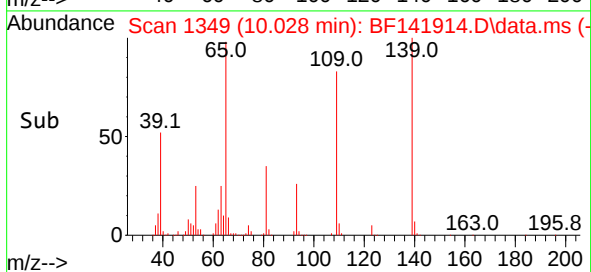
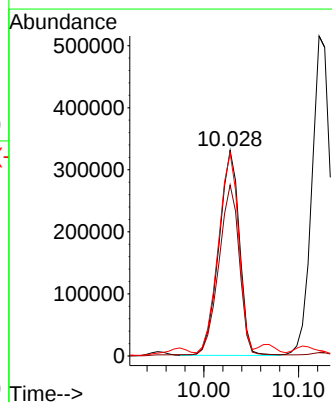
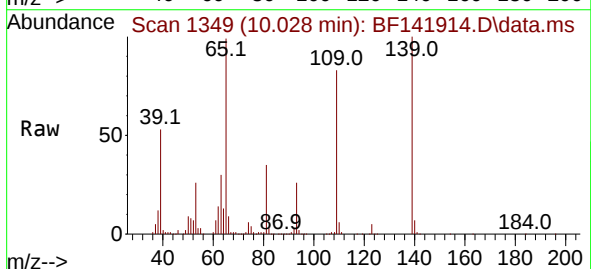
Instrument :
BNA_F
ClientSampleId :
PB167078BS

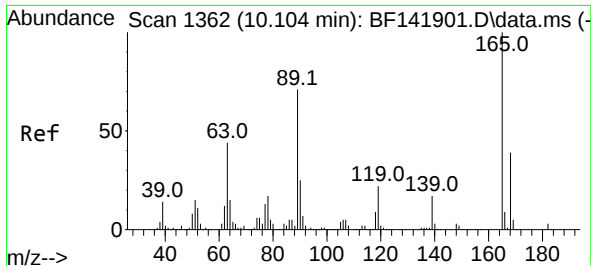
Tgt Ion:168 Resp: 1646514
Ion Ratio Lower Upper
168 100
139 42.6 33.9 50.9
169 13.7 11.0 16.4



#56
4-Nitrophenol
Concen: 97.630 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:139 Resp: 498909
Ion Ratio Lower Upper
139 100
109 83.2 61.6 101.6
65 98.7 79.4 119.4

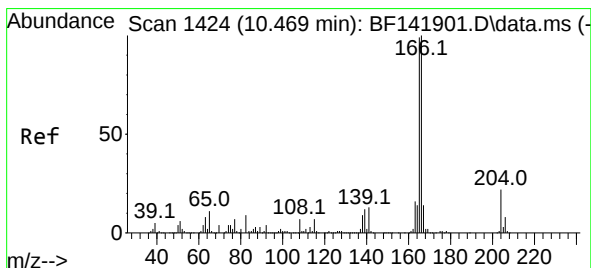
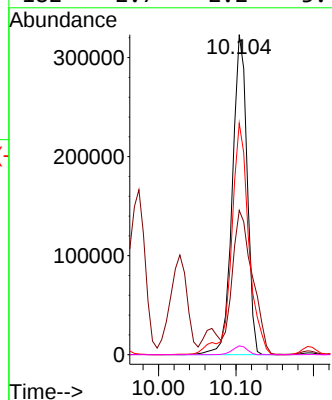
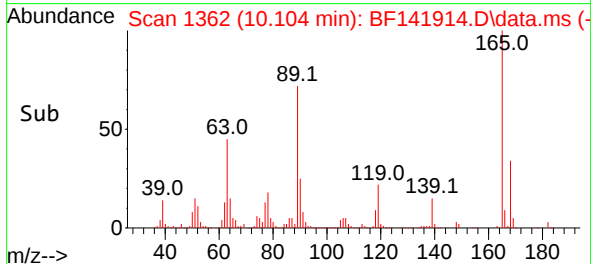
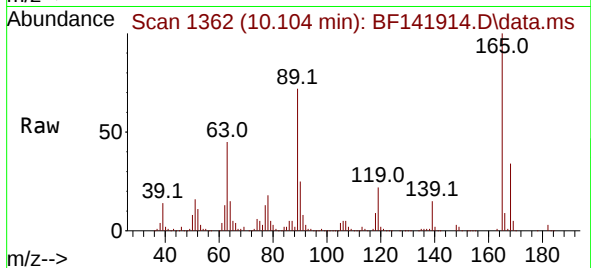




#57
2,4-Dinitrotoluene
Concen: 49.231 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

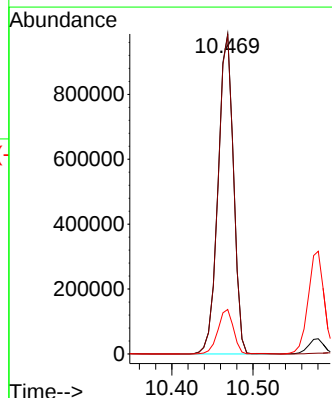
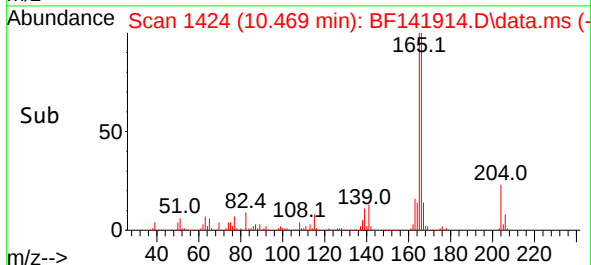
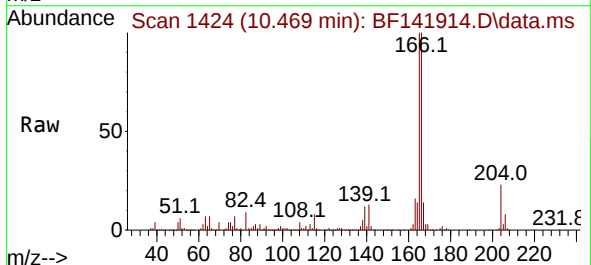
Instrument :
BNA_F
ClientSampleId :
PB167078BS

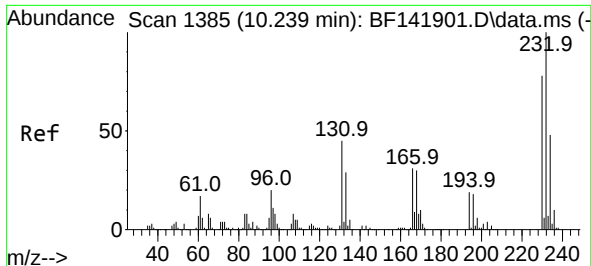
Tgt Ion:165 Resp: 429552
Ion Ratio Lower Upper
165 100
63 45.1 35.4 53.2
89 72.3 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 43.714 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:166 Resp: 1303431
Ion Ratio Lower Upper
166 100
165 99.6 79.0 118.4
167 13.9 11.0 16.4

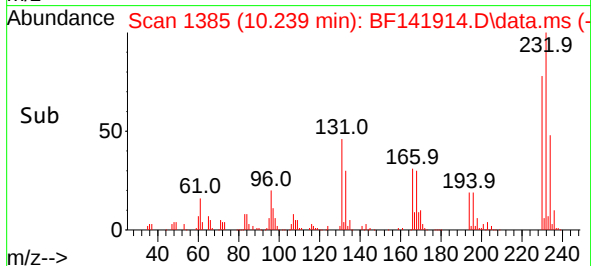
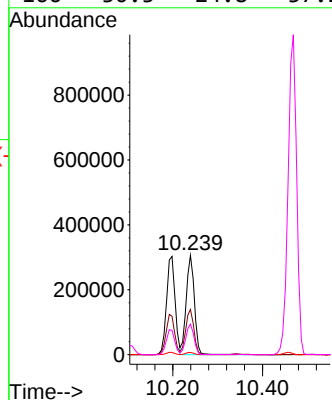
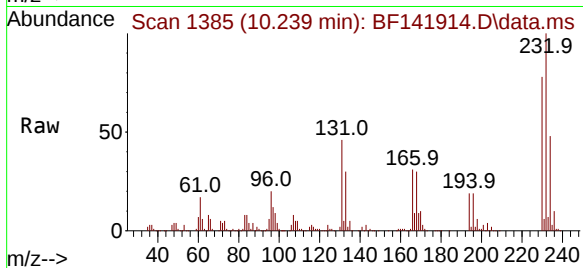




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.020 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

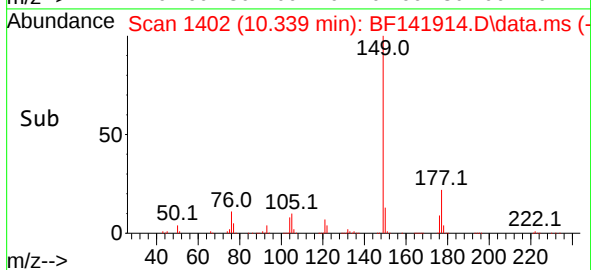
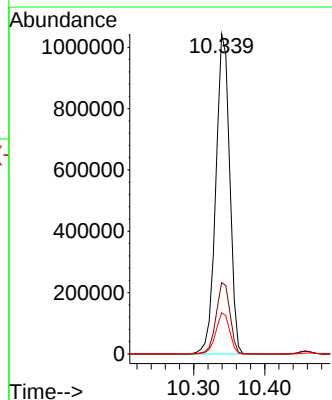
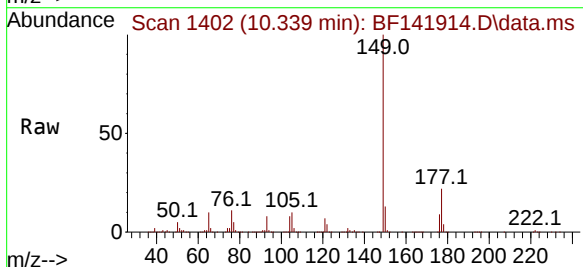
Instrument :
BNA_F
ClientSampleId :
PB167078BS

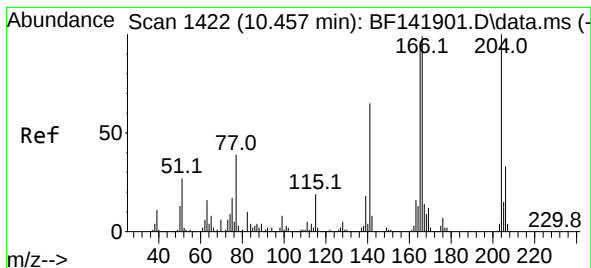
Tgt Ion:232 Resp: 386656
Ion Ratio Lower Upper
232 100
131 45.7 37.3 55.9
130 2.3 1.9 2.9
166 30.3 24.8 37.2



#60
Diethylphthalate
Concen: 43.916 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:149 Resp: 1404991
Ion Ratio Lower Upper
149 100
177 22.3 18.0 27.0
150 12.9 10.2 15.4

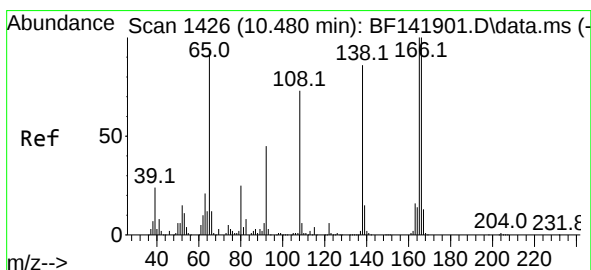
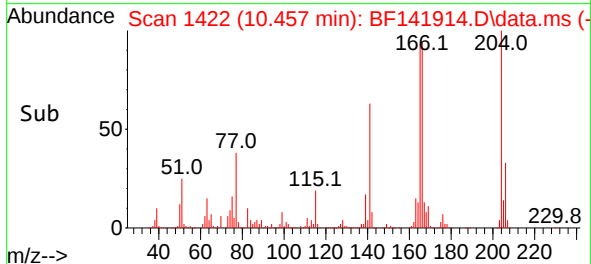
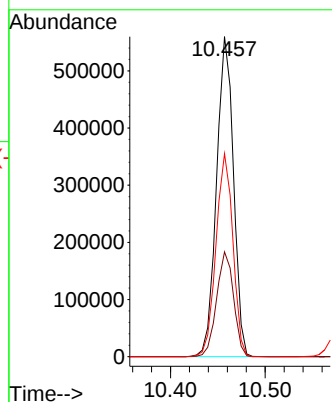
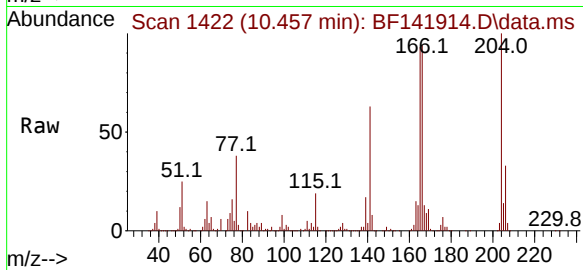




#61
4-Chlorophenyl-phenylether
Concen: 44.791 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

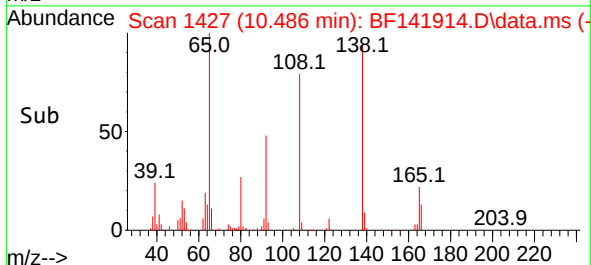
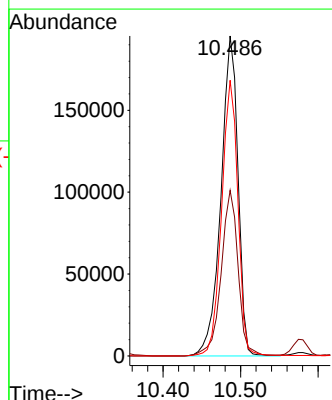
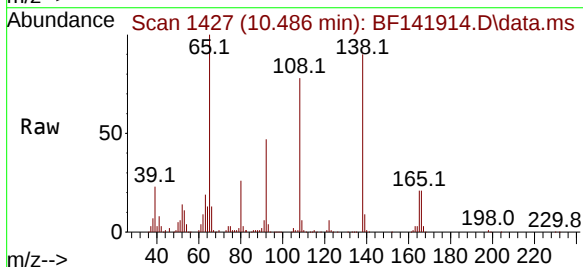
Instrument :
BNA_F
ClientSampleId :
PB167078BS

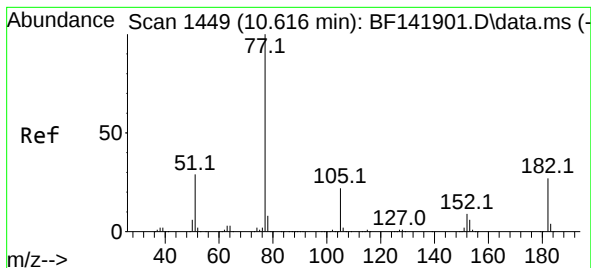
Tgt Ion:204 Resp: 696298
Ion Ratio Lower Upper
204 100
206 32.8 26.8 40.2
141 63.4 52.4 78.6



#62
4-Nitroaniline
Concen: 45.372 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:138 Resp: 299324
Ion Ratio Lower Upper
138 100
92 51.8 32.6 72.6
108 86.1 65.0 105.0





#63

Azobenzene

Concen: 42.972 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

Tgt Ion: 77 Resp: 1278150

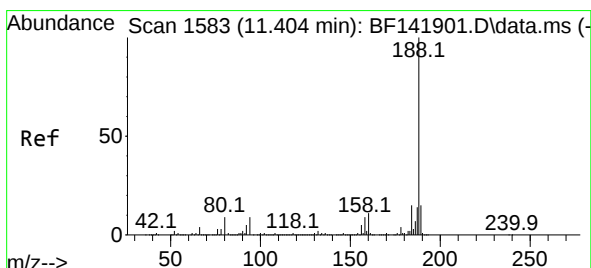
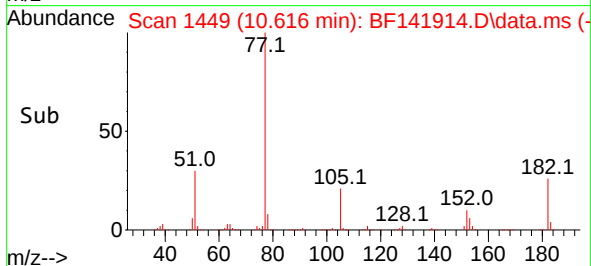
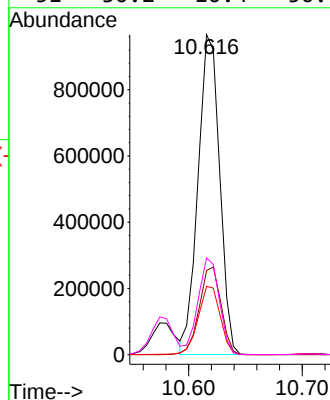
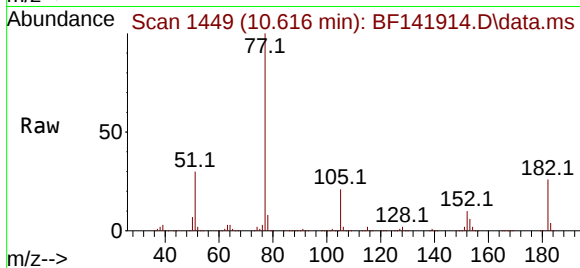
Ion Ratio Lower Upper

77 100

182 26.3 6.6 46.6

105 21.4 1.3 41.3

51 30.2 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: BF141914.D

Acq: 11 Mar 2025 13:50

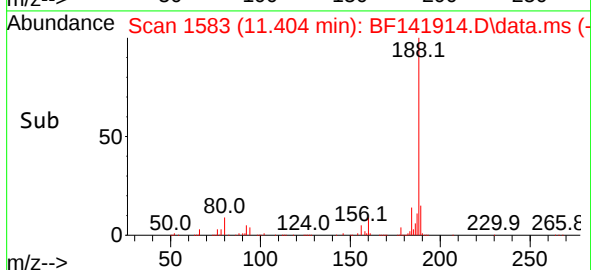
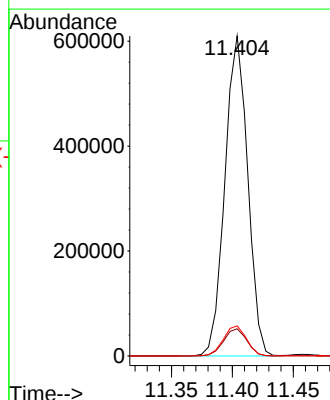
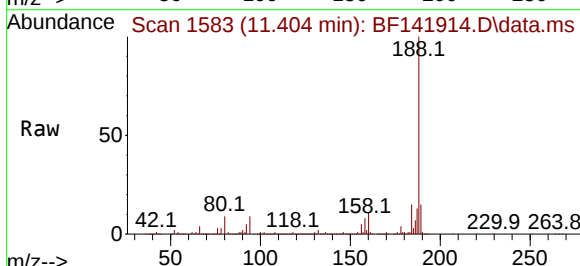
Tgt Ion: 188 Resp: 794152

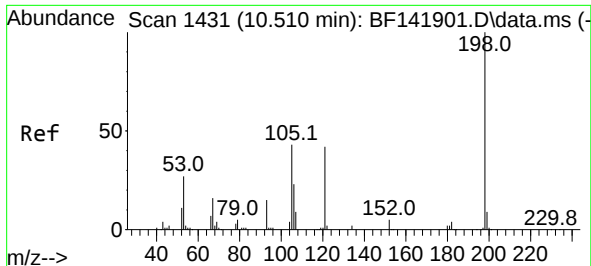
Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.4 7.6 11.4

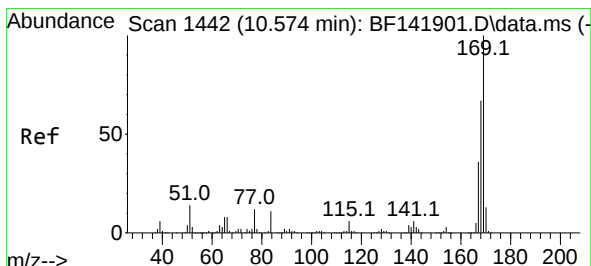
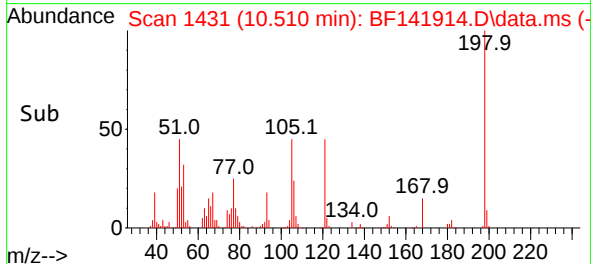
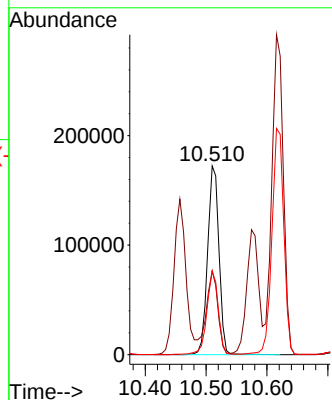
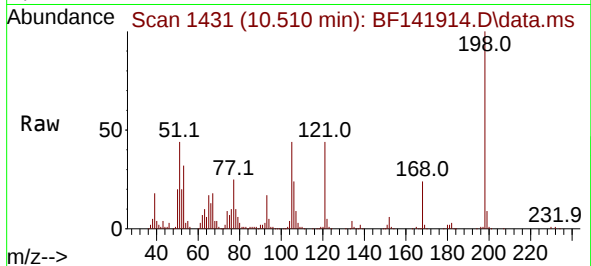




#65
4,6-Dinitro-2-methylphenol
Concen: 47.222 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

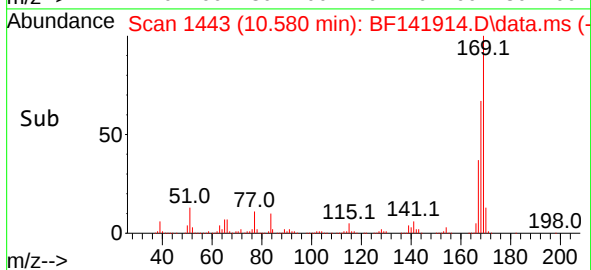
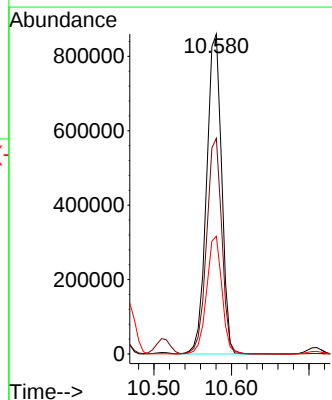
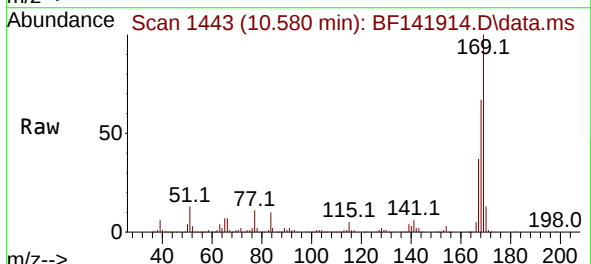
Instrument :
BNA_F
ClientSampleId :
PB167078BS

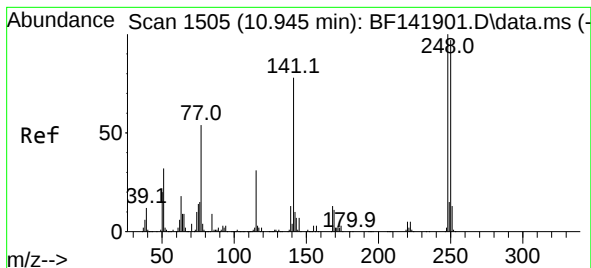
Tgt Ion:198 Resp: 223563
Ion Ratio Lower Upper
198 100
51 44.4 22.3 62.3
105 44.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 45.060 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:169 Resp: 1157992
Ion Ratio Lower Upper
169 100
168 67.4 53.7 80.5
167 36.8 29.2 43.8

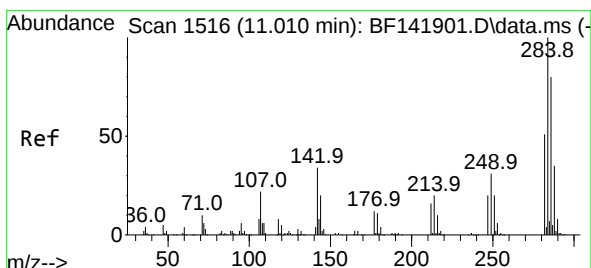
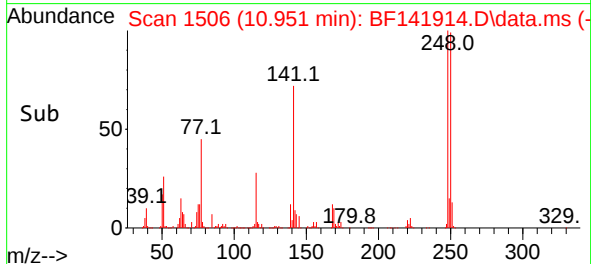
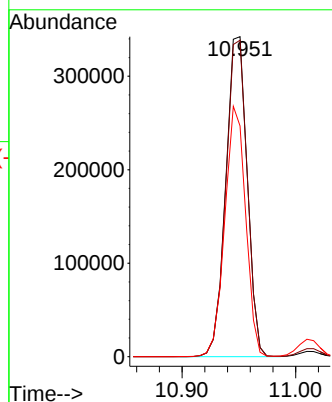
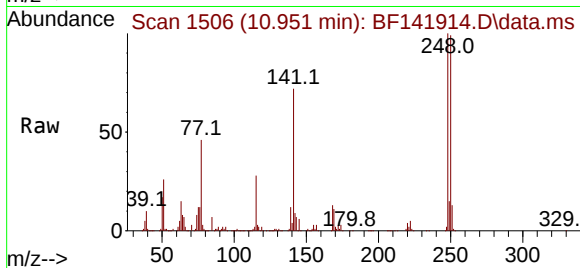




#67
4-Bromophenyl-phenylether
Concen: 45.046 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

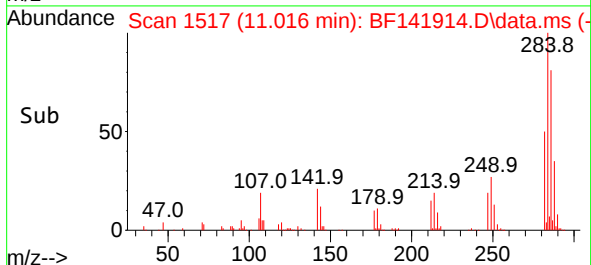
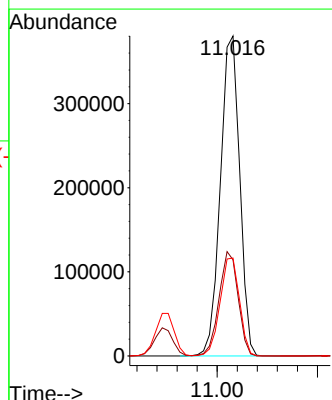
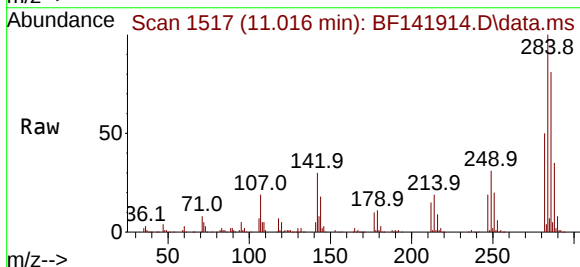
Instrument :
BNA_F
ClientSampleId :
PB167078BS

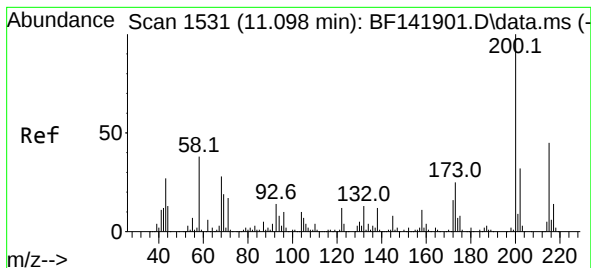
Tgt Ion:248 Resp: 449275
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.8
141 72.1 62.6 93.8



#68
Hexachlorobenzene
Concen: 46.365 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:284 Resp: 507178
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.6
249 30.6 25.2 37.8





#69

Atrazine

Concen: 60.133 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.006 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

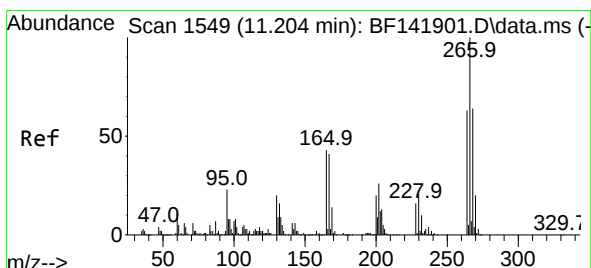
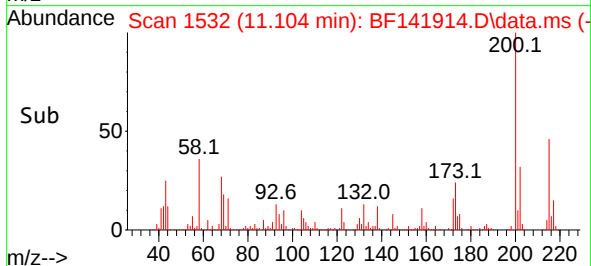
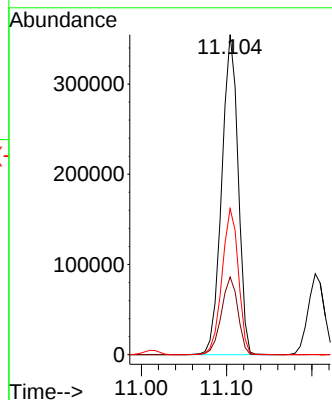
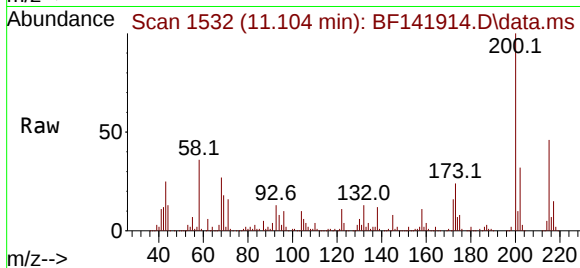
Tgt Ion:200 Resp: 473746

Ion Ratio Lower Upper

200 100

173 24.3 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 91.915 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

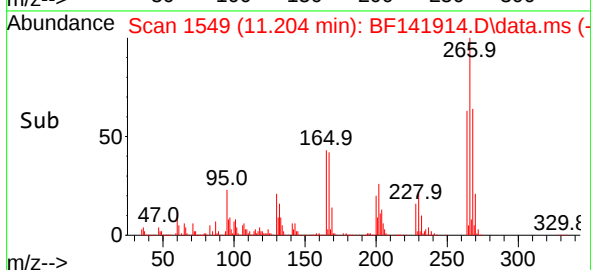
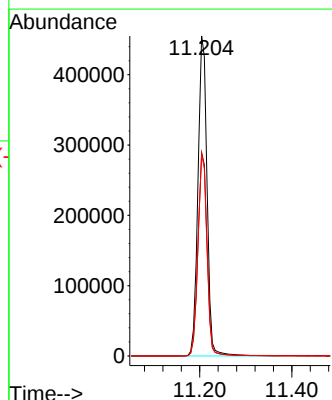
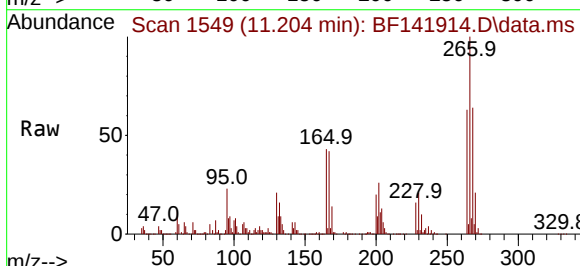
Tgt Ion:266 Resp: 619482

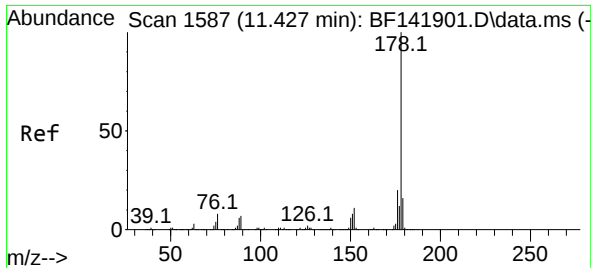
Ion Ratio Lower Upper

266 100

268 63.5 51.0 76.6

264 63.1 50.2 75.2

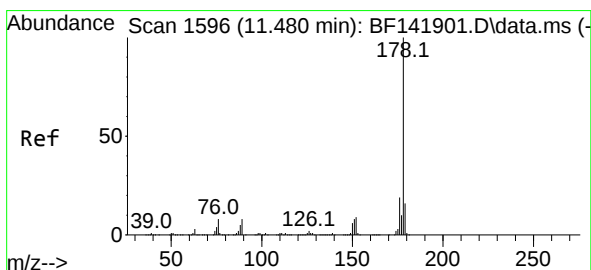
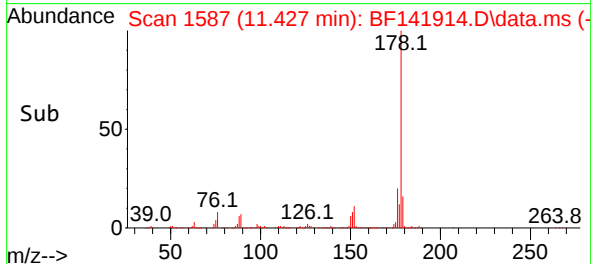
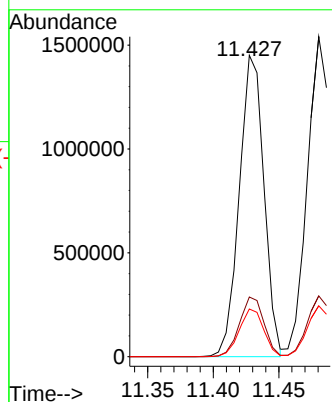
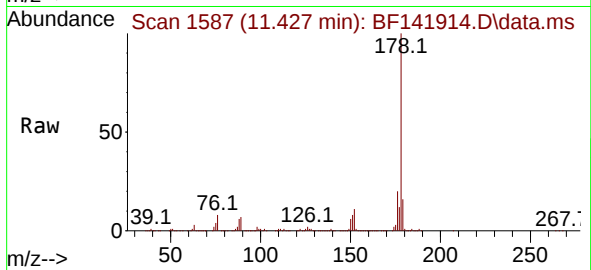




#71
Phenanthrene
Concen: 44.316 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

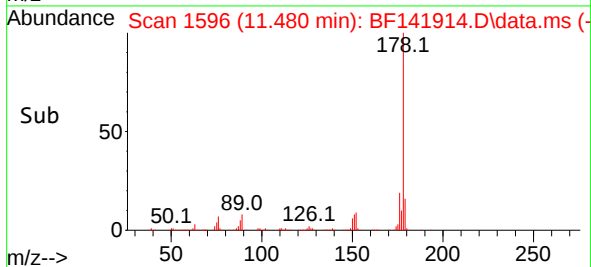
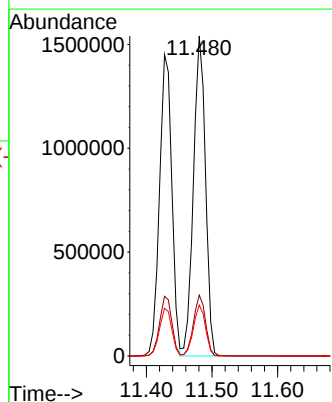
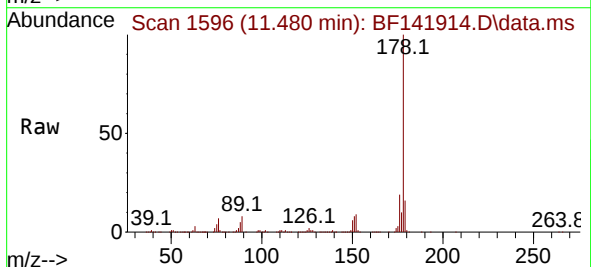
Instrument :
BNA_F
ClientSampleId :
PB167078BS

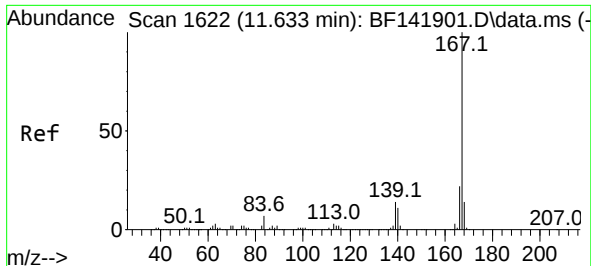
Tgt Ion:178 Resp: 1900919
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.8 12.6 19.0



#72
Anthracene
Concen: 45.747 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:178 Resp: 1968715
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.9 12.6 19.0

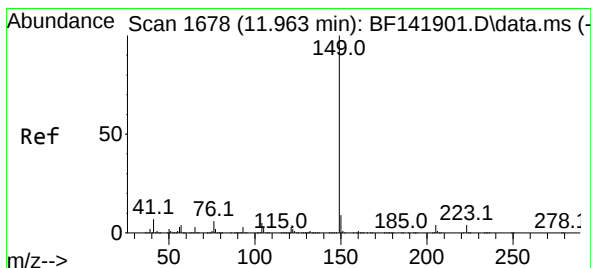
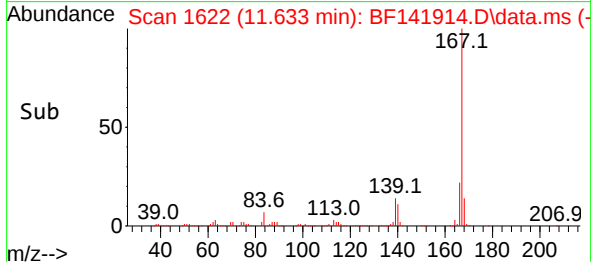
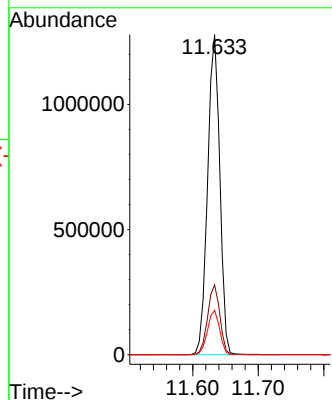
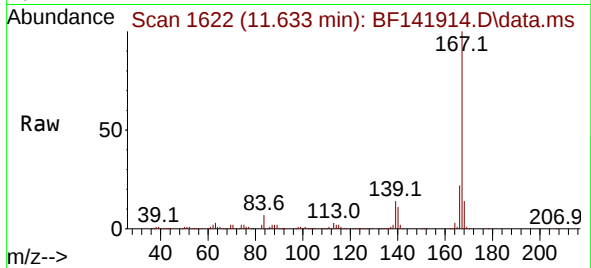




#73
 Carbazole
 Concen: 44.619 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

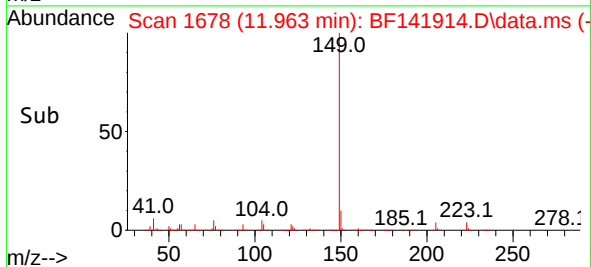
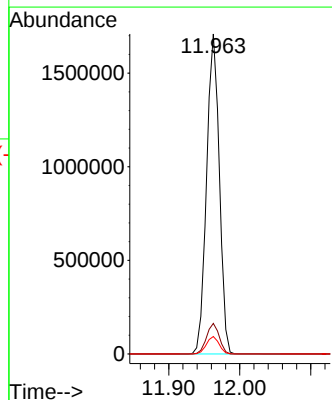
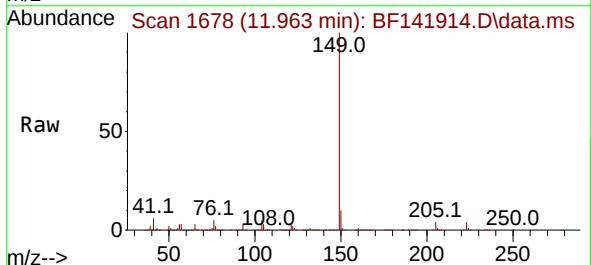
Instrument :
 BNA_F
 ClientSampleId :
 PB167078BS

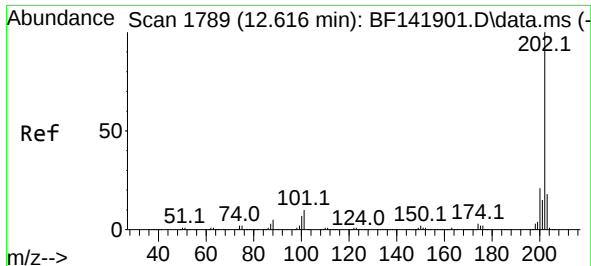
Tgt Ion:167 Resp: 1655981
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.8 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 43.297 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

Tgt Ion:149 Resp: 2132173
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.5 4.4 6.6

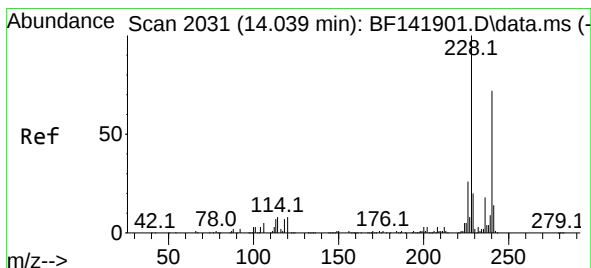
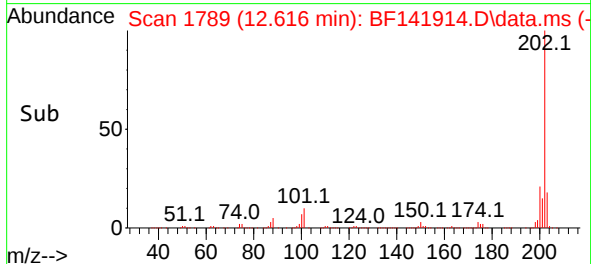
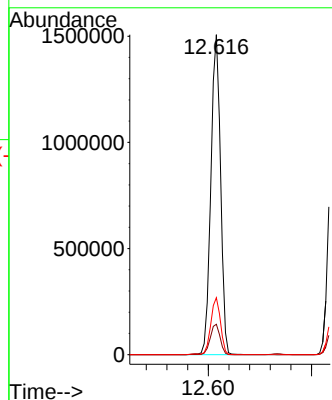
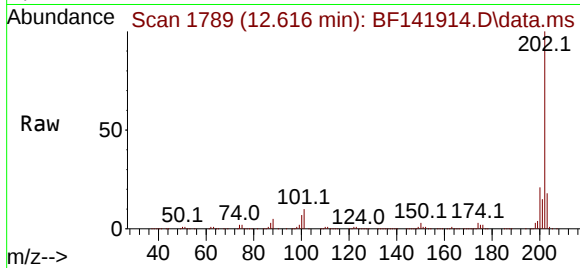




#75
Fluoranthene
Concen: 42.918 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

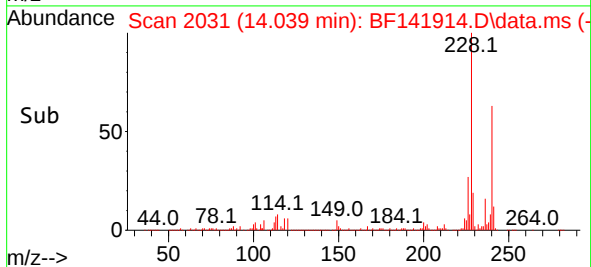
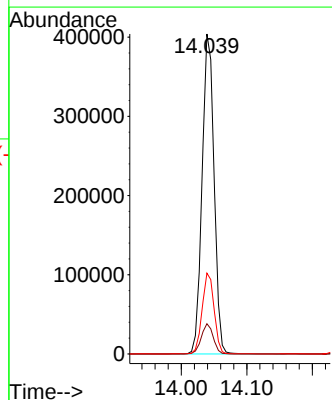
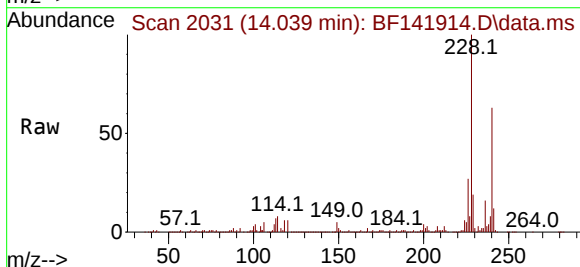
Instrument :
BNA_F
ClientSampleId :
PB167078BS

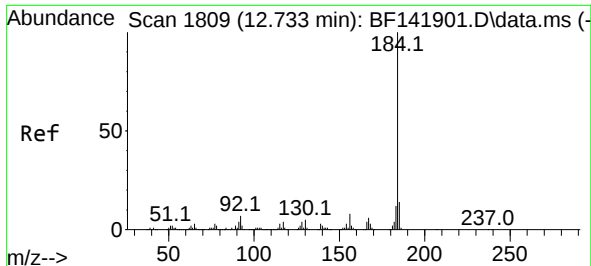
Tgt Ion:202 Resp: 1952826
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:240 Resp: 514358
Ion Ratio Lower Upper
240 100
120 9.5 8.4 12.6
236 25.3 20.5 30.7

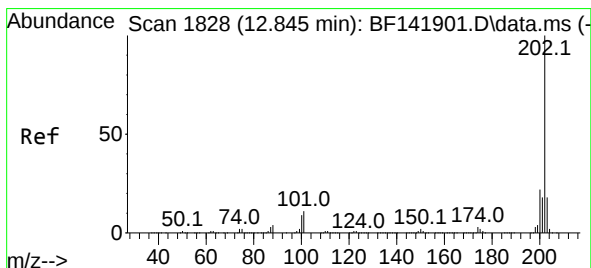
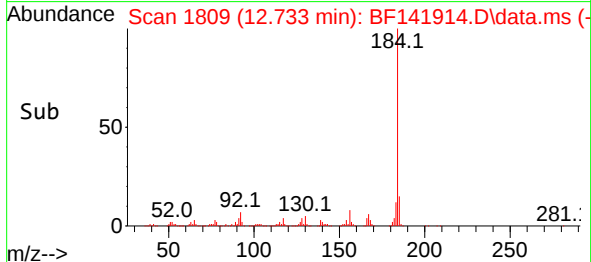
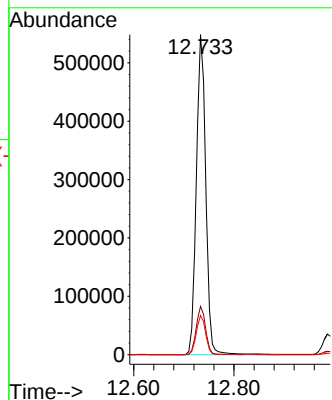
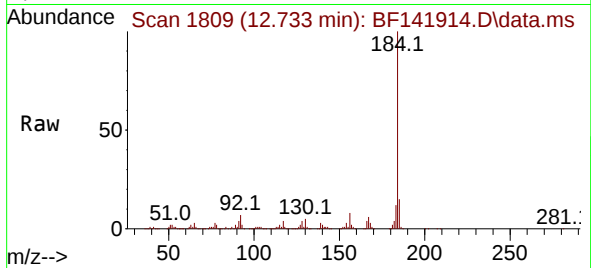




#77
Benzidine
Concen: 99.484 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

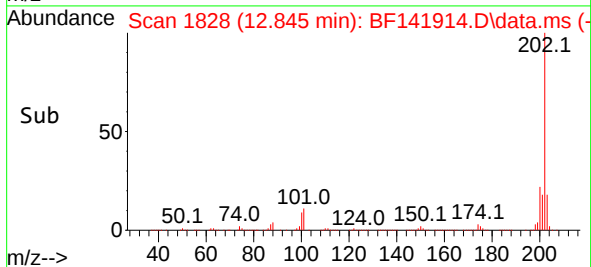
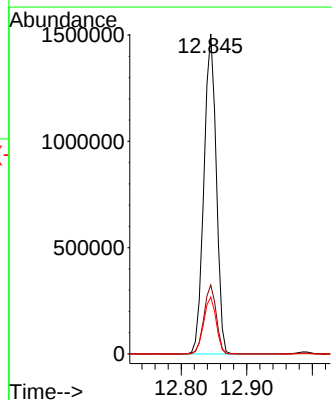
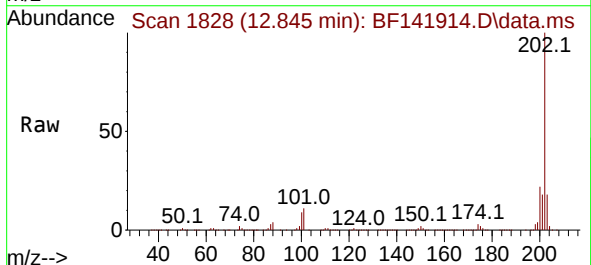
Instrument :
BNA_F
ClientSampleId :
PB167078BS

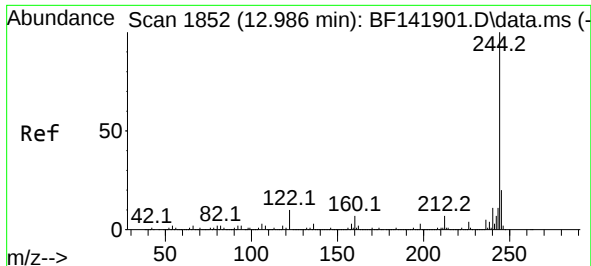
Tgt Ion:184 Resp: 713921
Ion Ratio Lower Upper
184 100
185 15.1 11.5 17.3
183 12.2 9.7 14.5



#78
Pyrene
Concen: 44.297 ng
RT: 12.845 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:202 Resp: 1970904
Ion Ratio Lower Upper
202 100
200 21.5 17.3 25.9
203 17.8 14.4 21.6

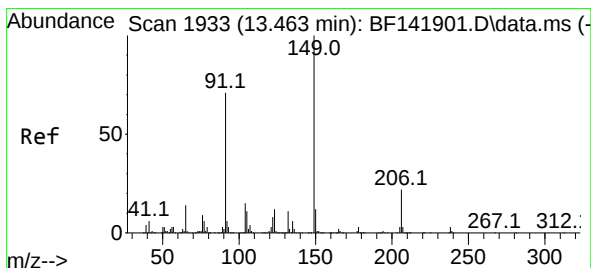
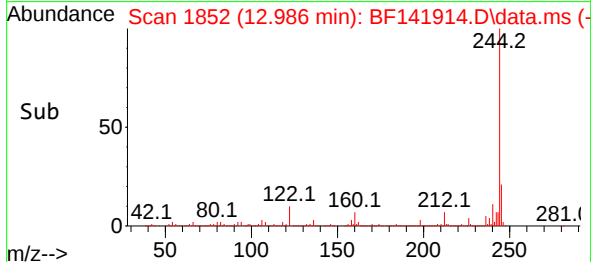
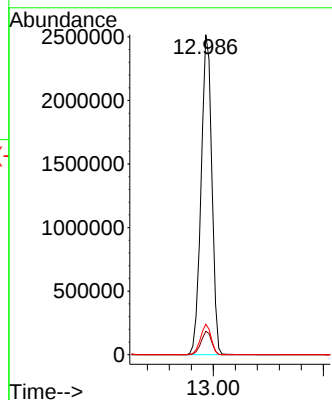
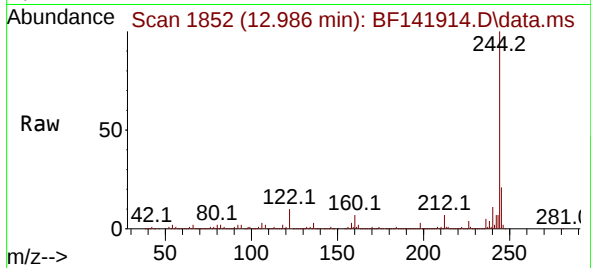




#79
 Terphenyl-d14
 Concen: 98.171 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

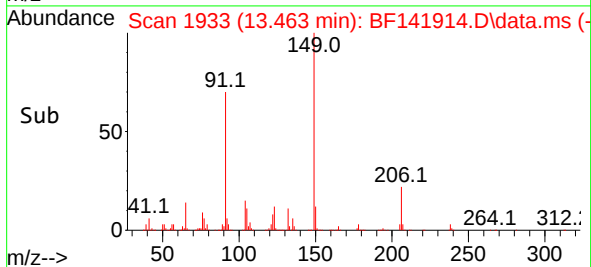
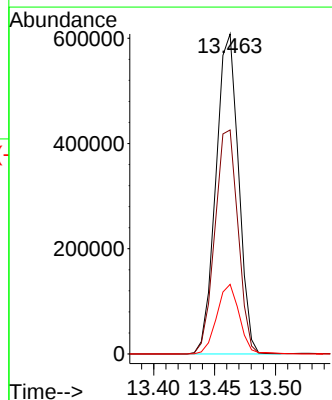
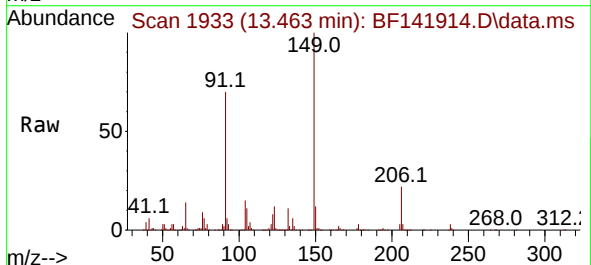
Instrument :
 BNA_F
 ClientSampleId :
 PB167078BS

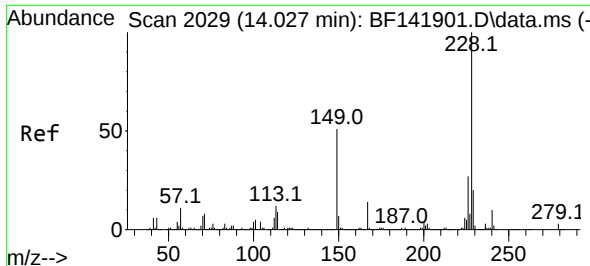
Tgt Ion:244 Resp: 3415405
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 45.177 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

Tgt Ion:149 Resp: 786731
 Ion Ratio Lower Upper
 149 100
 91 70.0 56.5 84.7
 206 21.7 17.3 25.9

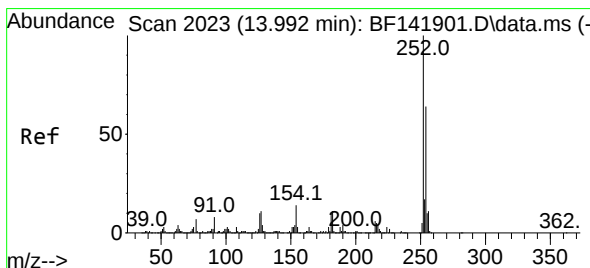
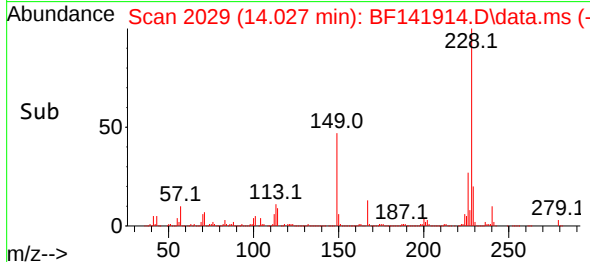
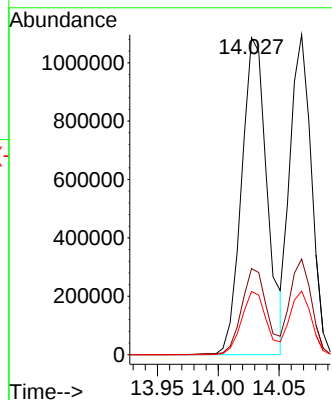
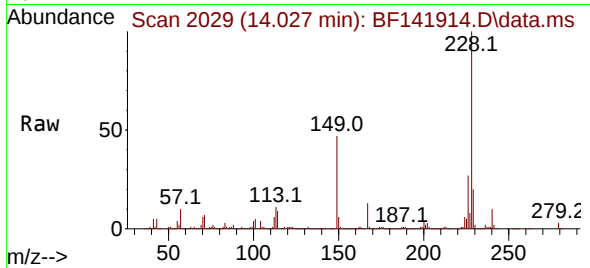




#81
Benzo(a)anthracene
Concen: 46.910 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

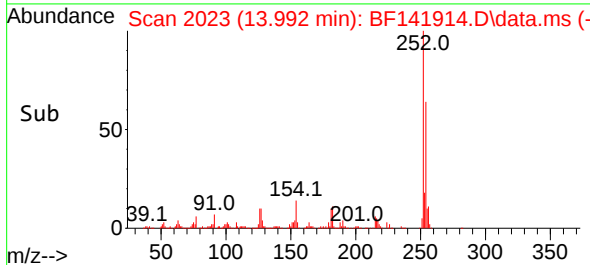
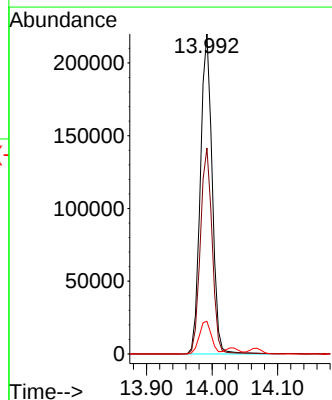
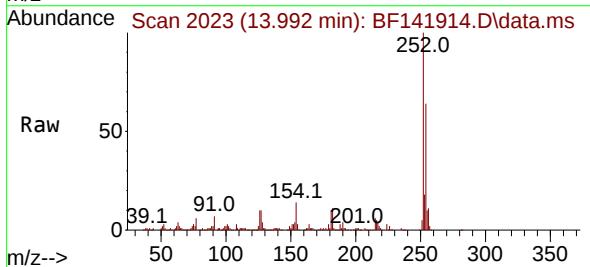
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:228 Resp: 1583333
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 28.295 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:252 Resp: 275985
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 10.2 8.4 12.6





#83

Chrysene

Concen: 43.744 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

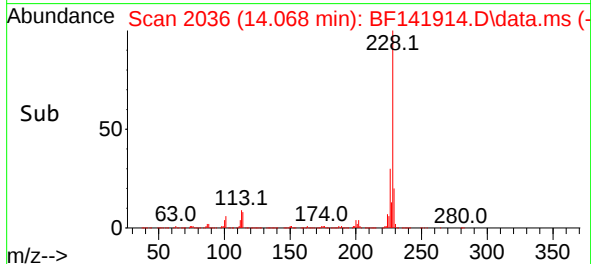
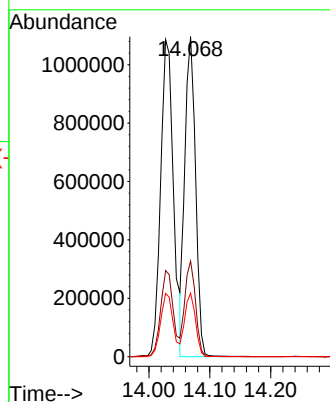
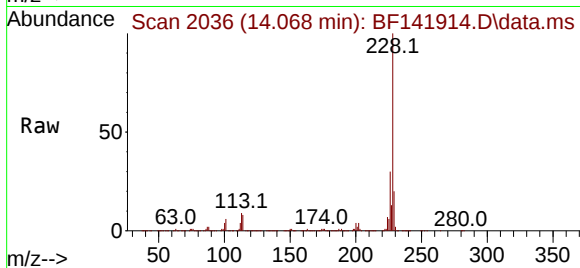
Tgt Ion:228 Resp: 1338370

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.193 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

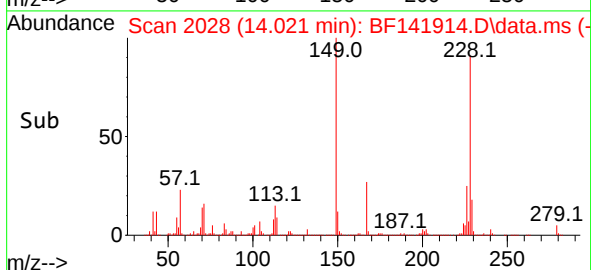
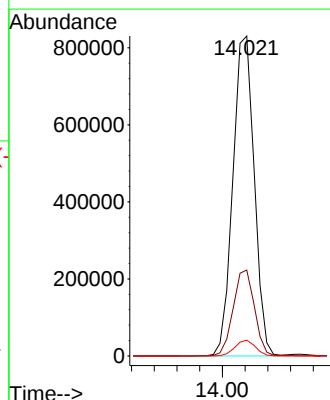
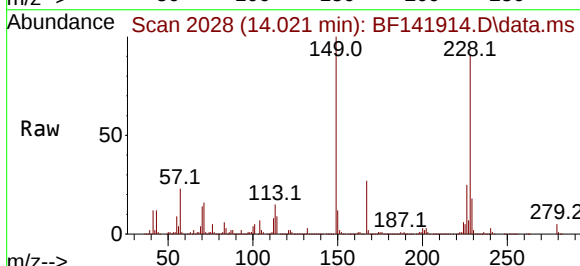
Tgt Ion:149 Resp: 1085134

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

279 4.9 3.8 5.6

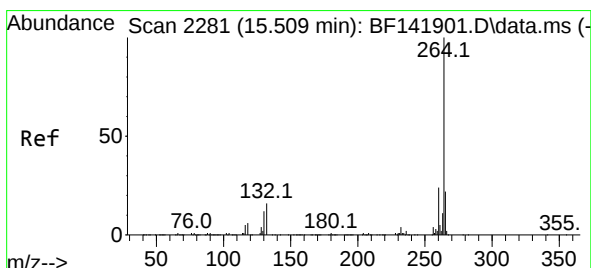
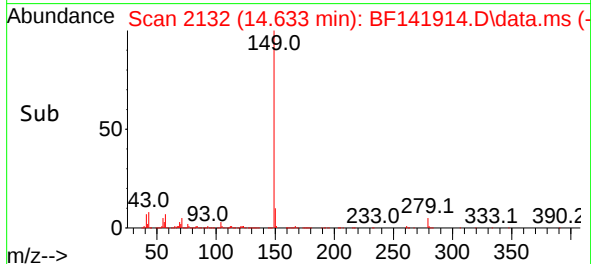
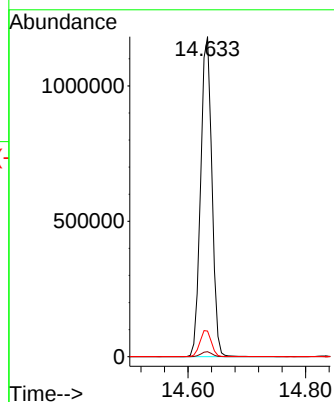
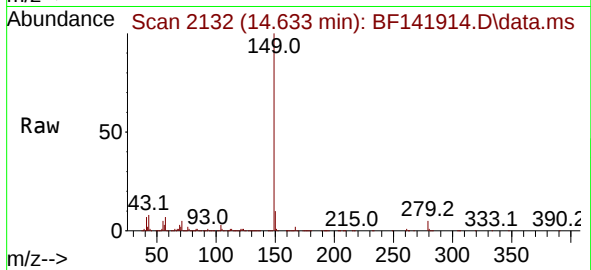




#85
Di-n-octyl phthalate
Concen: 46.917 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

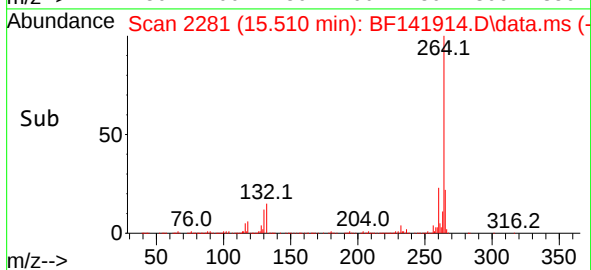
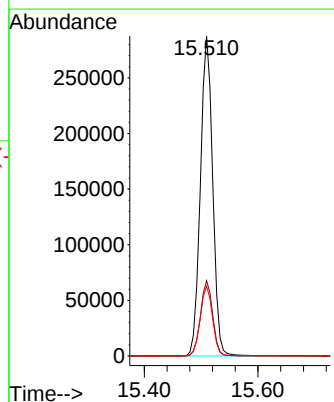
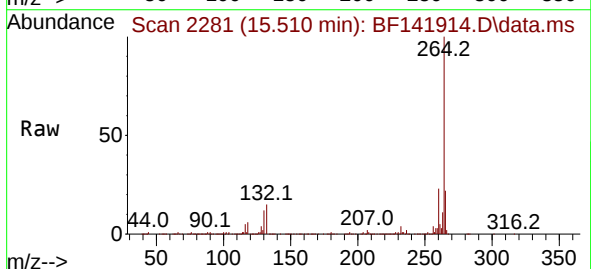
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:149 Resp: 1567440
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:264 Resp: 432890
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.8 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.597 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

Instrument :

BNA_F

ClientSampleId :

PB167078BS

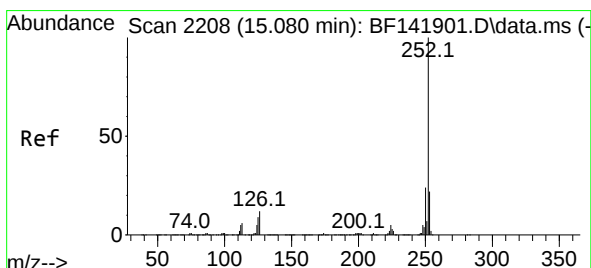
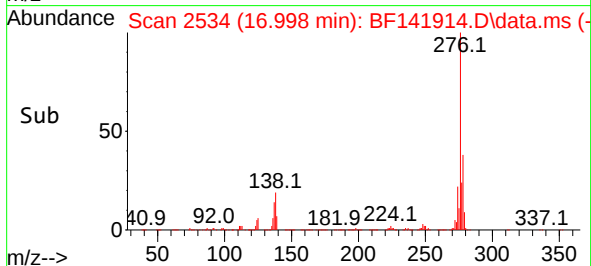
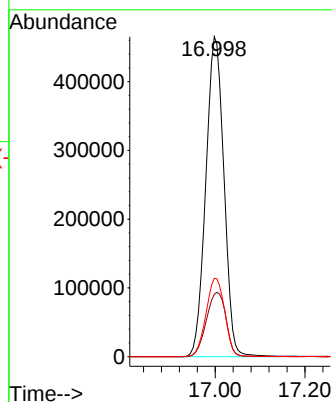
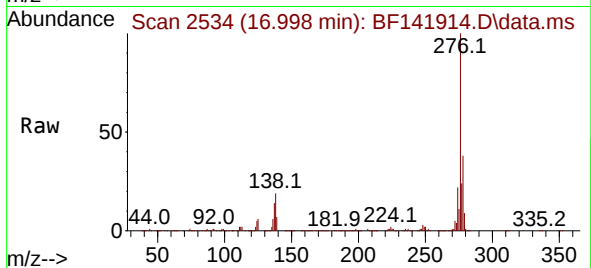
Tgt Ion:276 Resp: 1304868

Ion Ratio Lower Upper

276 100

138 21.9 18.4 27.6

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 40.265 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141914.D

Acq: 11 Mar 2025 13:50

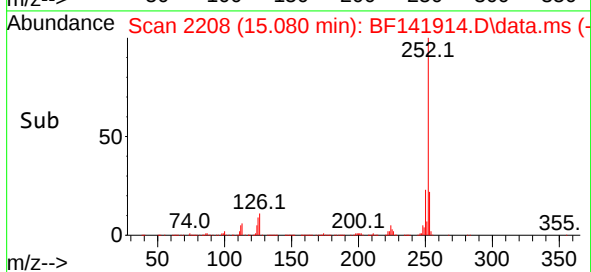
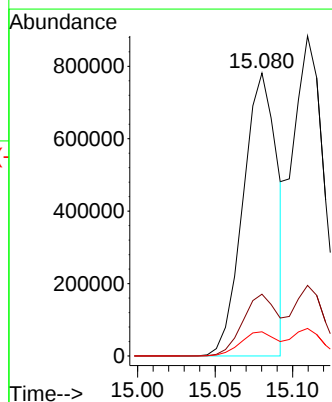
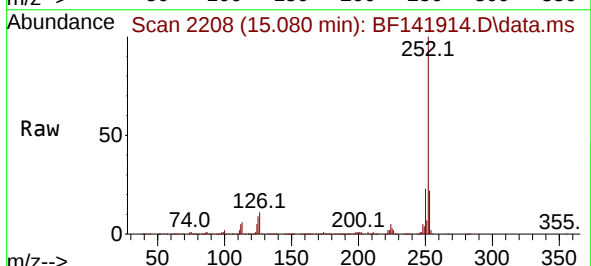
Tgt Ion:252 Resp: 1194594

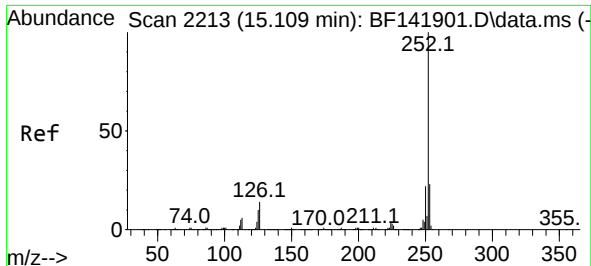
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.6 7.0 10.4

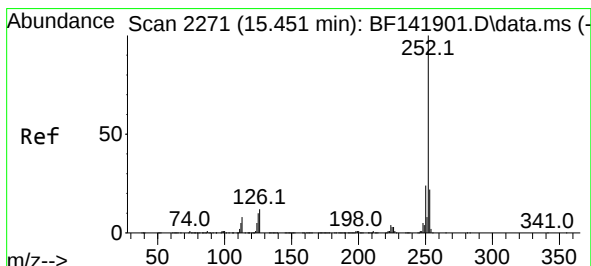
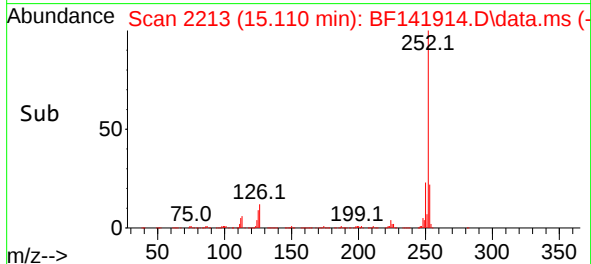
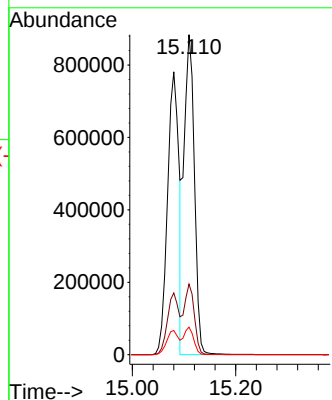
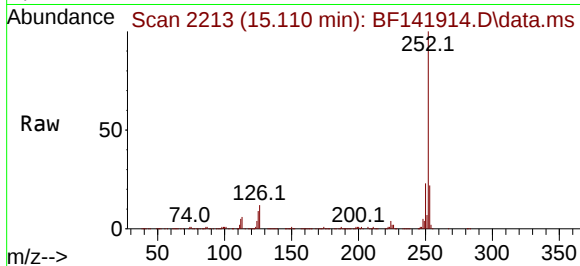




#89
Benzo(k)fluoranthene
Concen: 48.532 ng
RT: 15.110 min Scan# 211
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

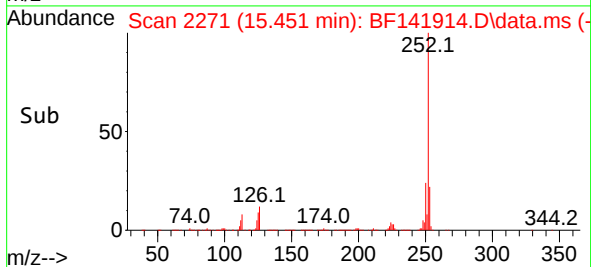
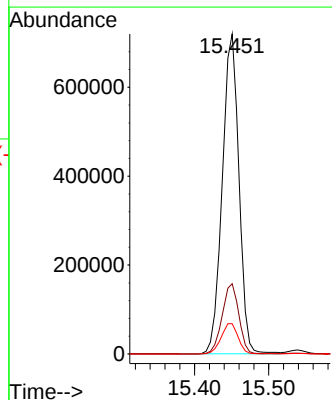
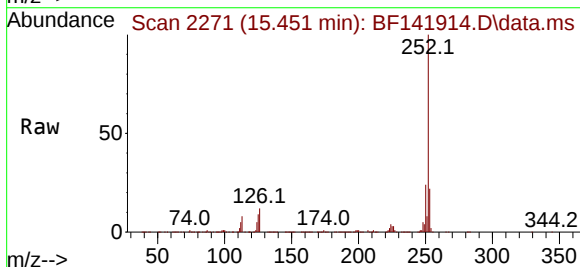
Instrument :
BNA_F
ClientSampleId :
PB167078BS

Tgt Ion:252 Resp: 1232203
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 8.6 7.2 10.8



#90
Benzo(a)pyrene
Concen: 48.339 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141914.D
Acq: 11 Mar 2025 13:50

Tgt Ion:252 Resp: 1122154
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 9.5 7.8 11.8

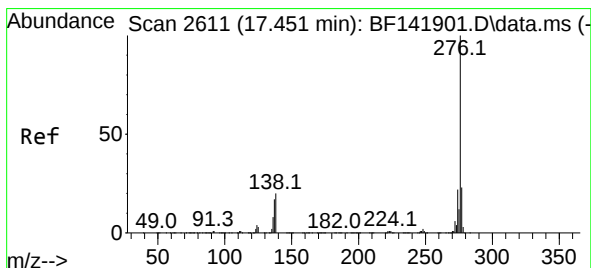
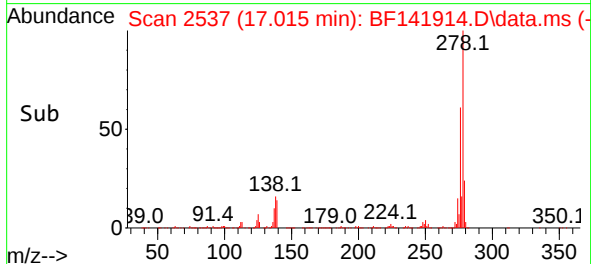
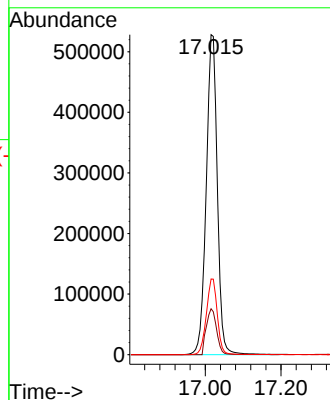
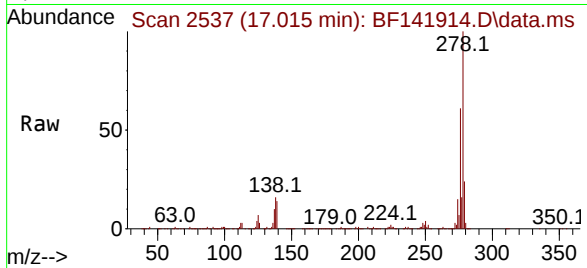




#91
 Dibenzo(a,h)anthracene
 Concen: 46.258 ng
 RT: 17.015 min Scan# 2537
 Delta R.T. -0.006 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB167078BS

Tgt Ion:278 Resp: 1068785
 Ion Ratio Lower Upper
 278 100
 139 14.4 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 42.530 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF141914.D
 Acq: 11 Mar 2025 13:50

Tgt Ion:276 Resp: 971052
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 18.8 15.8 23.8

