

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141482.D
 Acq On : 06 Feb 2025 16:09
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

Quant Time: Feb 06 17:28:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	90709	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	364332	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	204258	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	356168	20.000	ng	0.00
76) Chrysene-d12	13.962	240	252550	20.000	ng	0.00
86) Perylene-d12	15.415	264	198967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	570014	98.517	ng	0.01
7) Phenol-d6	6.428	99	713721	97.597	ng	-0.01
23) Nitrobenzene-d5	7.357	82	702389	100.555	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	203516	99.186	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1318685	99.464	ng	0.00
79) Terphenyl-d14	12.904	244	1547747	103.459	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	100766	43.271	ng	99
3) Pyridine	3.322	79	235971	42.583	ng	99
4) n-Nitrosodimethylamine	3.275	42	170010	46.333	ng	100
6) Aniline	6.451	93	280859	40.942	ng	97
8) 2-Chlorophenol	6.575	128	300546	48.072	ng	99
9) Benzaldehyde	6.339	77	226799	58.361	ng	99
10) Phenol	6.445	94	361375	47.478	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	275727	48.229	ng	99
12) 1,3-Dichlorobenzene	6.728	146	304899	46.194	ng	99
13) 1,4-Dichlorobenzene	6.804	146	312718	46.372	ng	100
14) 1,2-Dichlorobenzene	6.957	146	296605	47.389	ng	99
15) Benzyl Alcohol	6.933	79	269173	47.998	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458672	46.868	ng	81
17) 2-Methylphenol	7.051	107	236594	48.358	ng	98
18) Hexachloroethane	7.298	117	119135	47.735	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	209891	47.982	ng	98
20) 3+4-Methylphenols	7.204	107	304715	49.008	ng	96
22) Acetophenone	7.198	105	452689	49.949	ng	100
24) Nitrobenzene	7.375	77	318680	46.787	ng	99
25) Isophorone	7.610	82	567152	50.922	ng	100
26) 2-Nitrophenol	7.686	139	161103	47.540	ng	98
27) 2,4-Dimethylphenol	7.728	122	241992	61.127	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	343447	48.124	ng	99
29) 2,4-Dichlorophenol	7.933	162	254473	47.575	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	266587	45.767	ng	98
31) Naphthalene	8.092	128	863691	45.542	ng	100
32) Benzoic acid	7.869	122	207337	50.422	ng	99
33) 4-Chloroaniline	8.145	127	199696	30.159	ng	98
34) Hexachlorobutadiene	8.210	225	163704	46.815	ng	99
35) Caprolactam	8.516	113	50267	30.865	ng	99
36) 4-Chloro-3-methylphenol	8.633	107	284217	47.968	ng	100
37) 2-Methylnaphthalene	8.786	142	553345	44.838	ng	100
38) 1-Methylnaphthalene	8.880	142	540303	45.204	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	294427	49.823	ng	98
41) Hexachlorocyclopentadiene	8.939	237	328641	167.203	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	184199	48.228	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141482.D
 Acq On : 06 Feb 2025 16:09
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

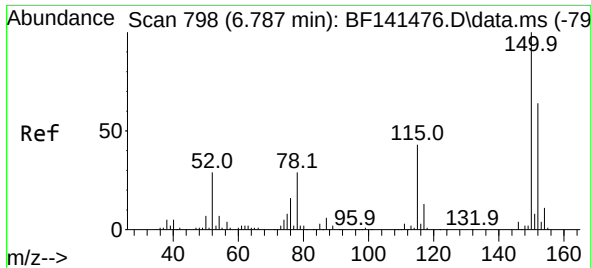
Quant Time: Feb 06 17:28:11 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	195510	47.233	ng	98
46) 1,1'-Biphenyl	9.251	154	809561	51.122	ng	99
47) 2-Chloronaphthalene	9.275	162	549733	46.945	ng	99
48) 2-Nitroaniline	9.374	65	188822	48.047	ng	99
49) Acenaphthylene	9.692	152	861198	49.445	ng	99
50) Dimethylphthalate	9.557	163	657316	47.403	ng	100
51) 2,6-Dinitrotoluene	9.616	165	145418	47.972	ng	98
52) Acenaphthene	9.863	154	556564	47.531	ng	99
53) 3-Nitroaniline	9.786	138	92029	28.207	ng	99
54) 2,4-Dinitrophenol	9.898	184	192504	106.852	ng	95
55) Dibenzofuran	10.033	168	778233	45.279	ng	99
56) 4-Nitrophenol	9.963	139	252242	104.148	ng	99
57) 2,4-Dinitrotoluene	10.022	165	204086	50.574	ng	100
58) Fluorene	10.380	166	623639	46.928	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	172657	48.449	ng	98
60) Diethylphthalate	10.257	149	641660	47.032	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	299014	46.770	ng	99
62) 4-Nitroaniline	10.404	138	152415	46.007	ng	99
63) Azobenzene	10.533	77	624528	46.047	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	117371	47.439	ng	97
66) n-Nitrosodiphenylamine	10.492	169	541228	47.471	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	186193	46.775	ng	99
68) Hexachlorobenzene	10.927	284	198890	48.522	ng	99
69) Atrazine	11.021	200	213623	62.456	ng	99
70) Pentachlorophenol	11.127	266	251321	95.888	ng	99
71) Phenanthrene	11.339	178	925505	47.206	ng	99
72) Anthracene	11.392	178	966105	49.020	ng	100
73) Carbazole	11.551	167	841691	47.464	ng	100
74) Di-n-butylphthalate	11.880	149	979522	47.838	ng	100
75) Fluoranthene	12.527	202	982157	47.252	ng	100
77) Benzidine	12.651	184	357554	64.195	ng	99
78) Pyrene	12.757	202	1010616	47.008	ng	100
80) Butylbenzylphthalate	13.380	149	379285	50.934	ng	100
81) Benzo(a)anthracene	13.951	228	811273	48.325	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	175065	36.404	ng	100
83) Chrysene	13.986	228	737272	47.563	ng	100
84) Bis(2-ethylhexyl)phtha...	13.939	149	458061	54.540	ng	100
85) Di-n-octyl phthalate	14.562	149	645190	53.850	ng	100
87) Indeno(1,2,3-cd)pyrene	16.856	276	632786	51.471	ng	99
88) Benzo(b)fluoranthene	14.998	252	636864	47.671	ng	99
89) Benzo(k)fluoranthene	15.027	252	576450	50.531	ng	100
90) Benzo(a)pyrene	15.356	252	569359	52.669	ng	99
91) Dibenzo(a,h)anthracene	16.874	278	513861	51.584	ng	99
92) Benzo(g,h,i)perylene	17.292	276	497892	47.762	ng	100

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

Quant Time: Feb 06 17:28:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

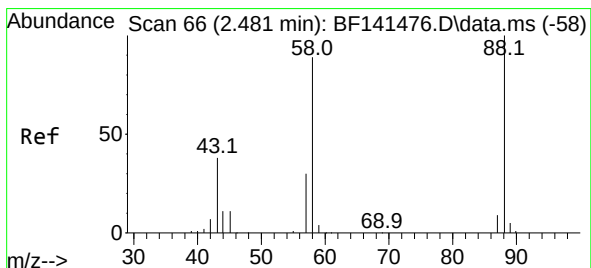
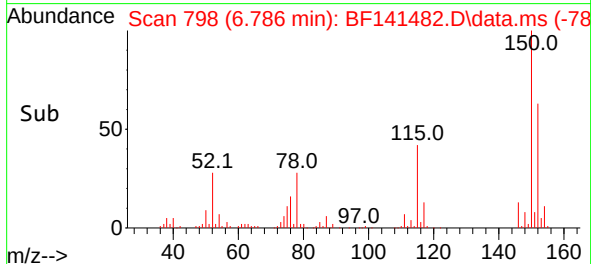
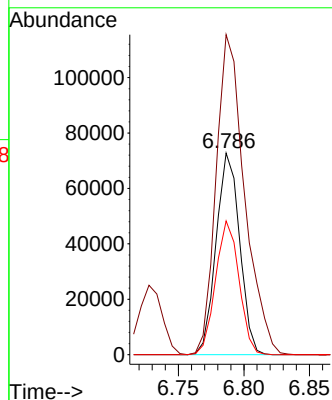
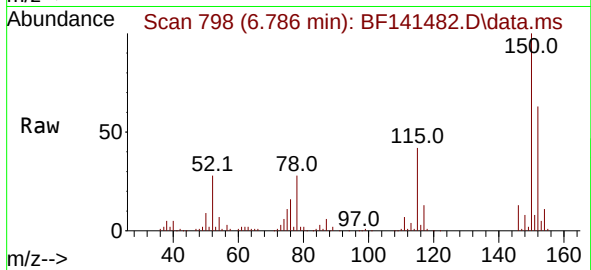




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

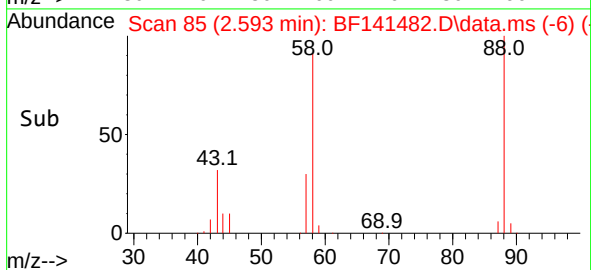
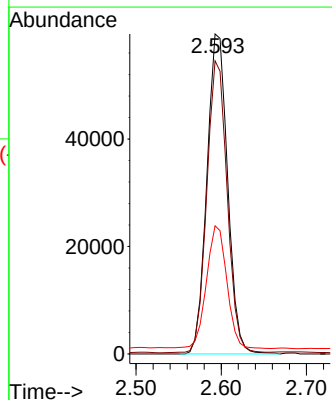
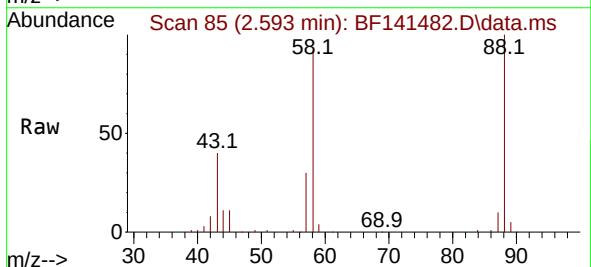
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

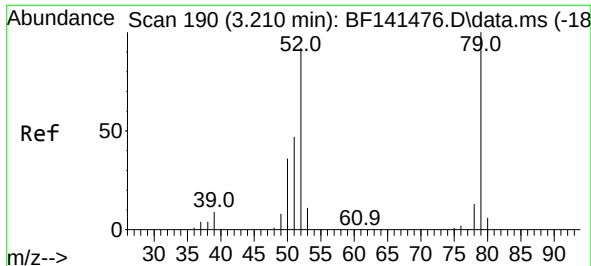
Tgt Ion:152 Resp: 90709
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.0 187.4
 115 66.3 53.6 80.4



#2
 1,4-Dioxane
 Concen: 43.271 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Tgt Ion: 88 Resp: 100766
 Ion Ratio Lower Upper
 88 100
 58 89.6 71.1 106.7
 43 37.7 30.6 46.0





#3

Pyridine

Concen: 42.583 ng

RT: 3.322 min Scan# 201

Delta R.T. 0.106 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 79 Resp: 235971

Ion Ratio Lower Upper

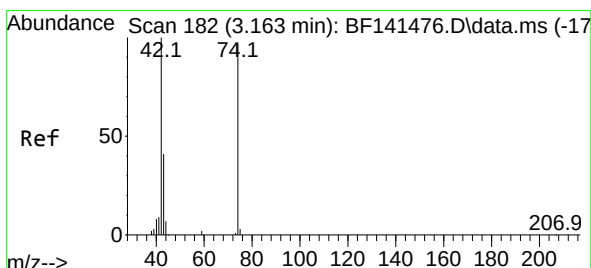
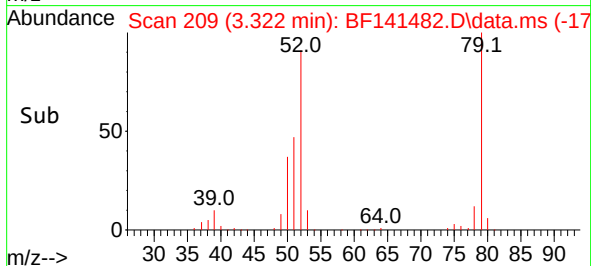
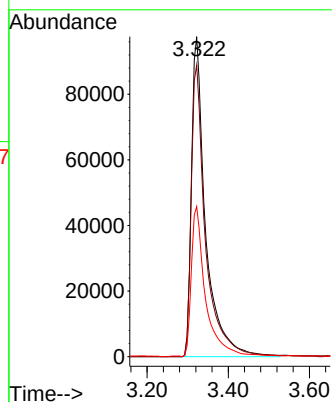
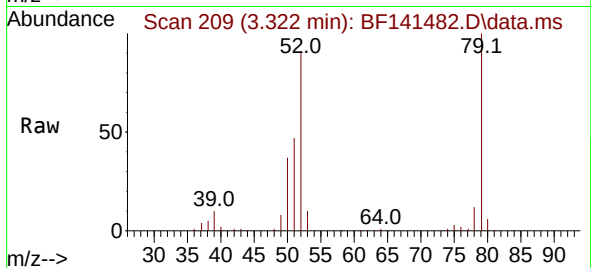
79 100

52 91.1

51 46.9

73.7 110.5

37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 46.333 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion: 42 Resp: 170010

Ion Ratio Lower Upper

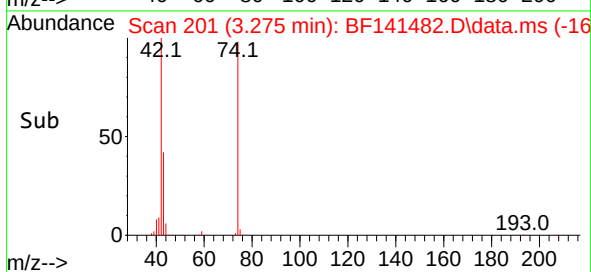
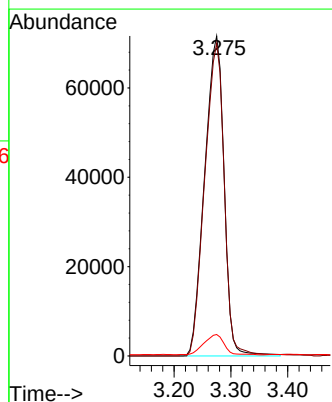
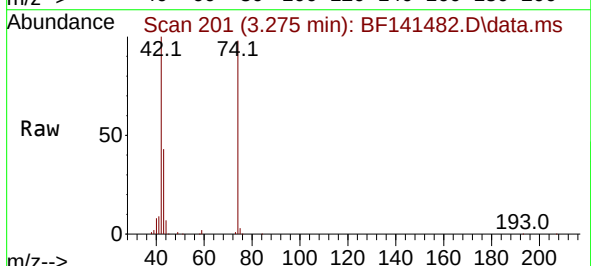
42 100

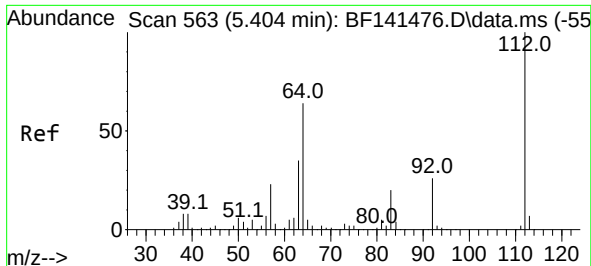
74 97.8

44 6.7

78.0 117.0

5.4 8.2

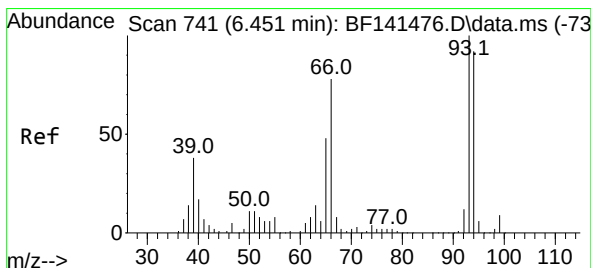
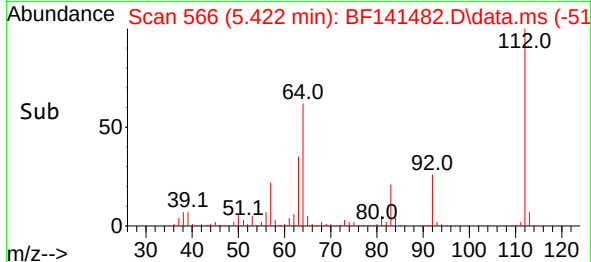
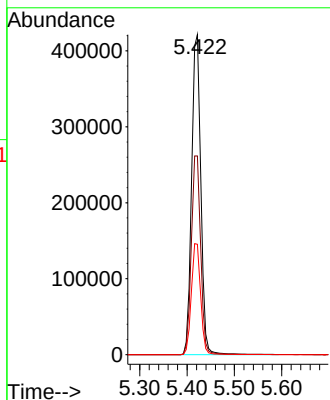
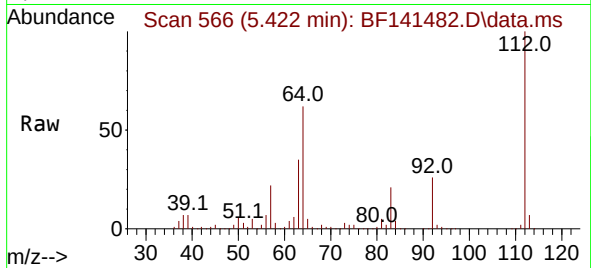




#5
2-Fluorophenol
Concen: 98.517 ng
RT: 5.422 min Scan# 501
Delta R.T. 0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

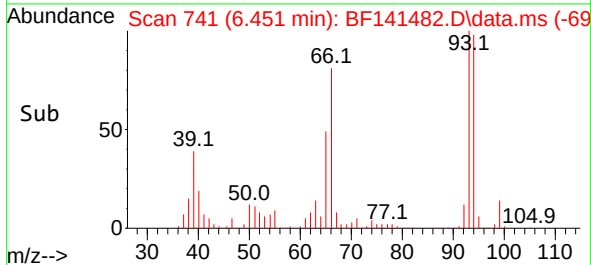
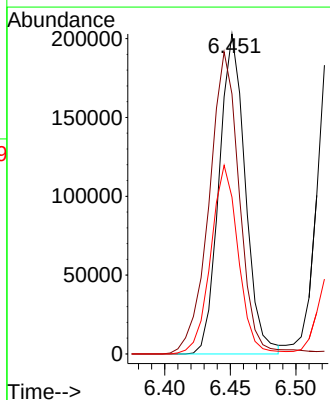
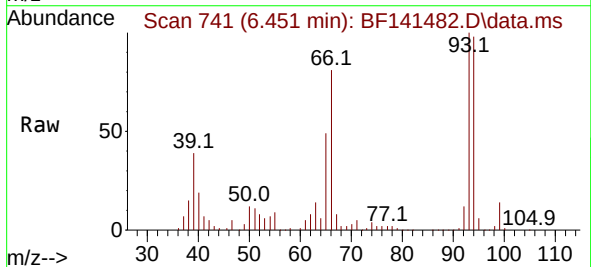
Instrument :
BNA_F
ClientSampleId :
PB166468BS

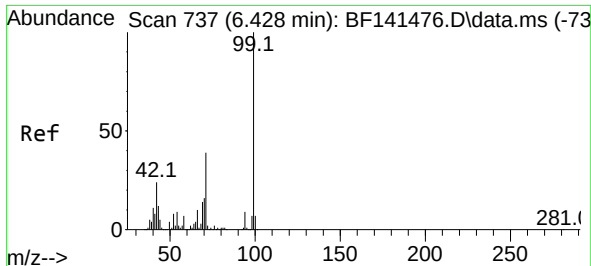
Tgt Ion:112 Resp: 570014
Ion Ratio Lower Upper
112 100
64 62.1 51.1 76.7
63 34.5 28.4 42.6



#6
Aniline
Concen: 40.942 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 93 Resp: 280859
Ion Ratio Lower Upper
93 100
66 81.3 62.6 94.0
65 49.0 38.3 57.5

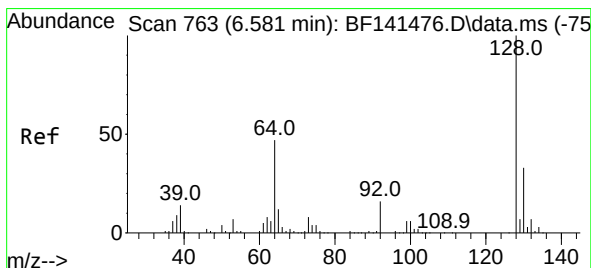
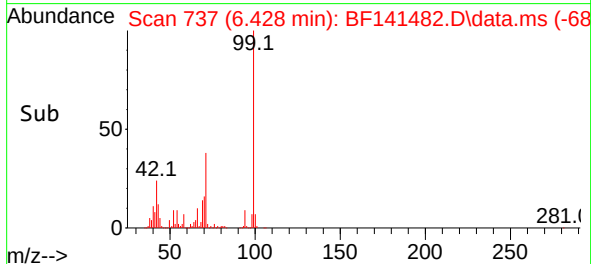
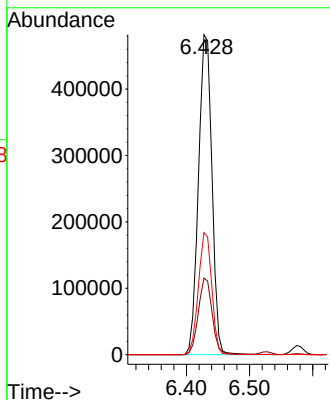
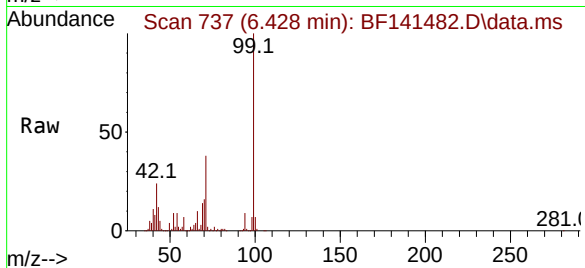




#7
Phenol-d6
Concen: 97.597 ng
RT: 6.428 min Scan# 713
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

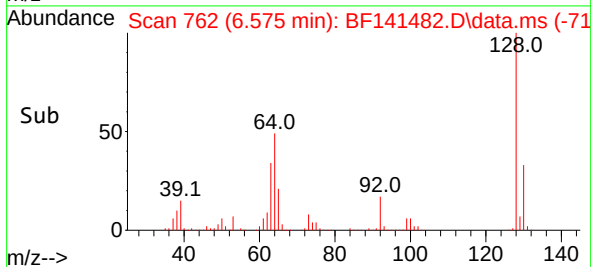
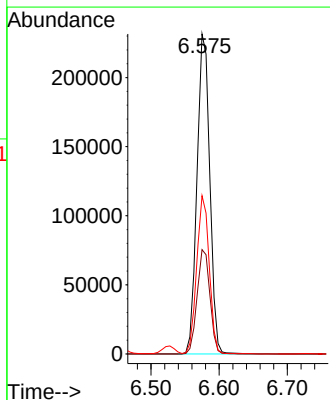
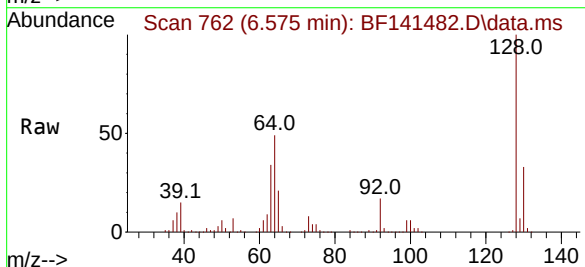
Instrument :
BNA_F
ClientSampleId :
PB166468BS

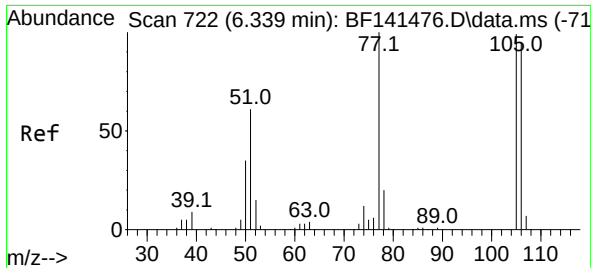
Tgt Ion: 99 Resp: 713721
Ion Ratio Lower Upper
99 100
42 23.9 19.1 28.7
71 38.2 31.1 46.7



#8
2-Chlorophenol
Concen: 48.072 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 128 Resp: 300546
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 49.5 28.3 68.3

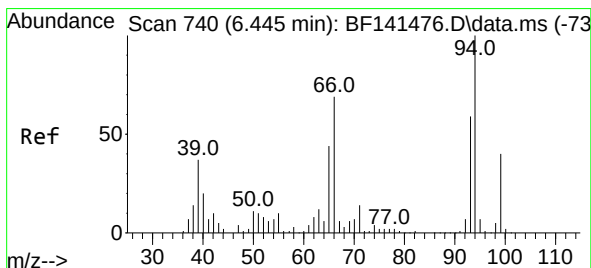
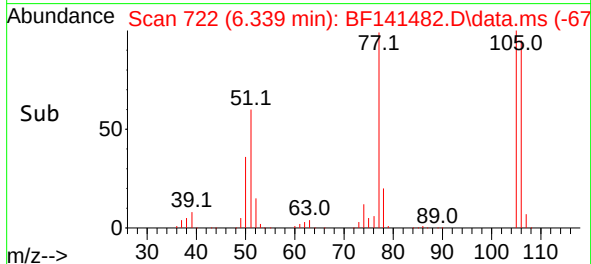
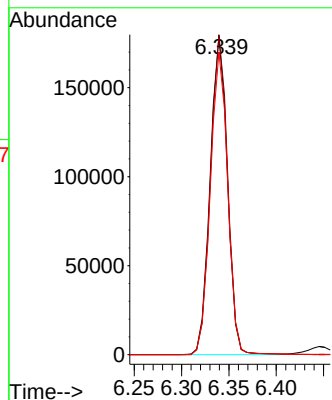
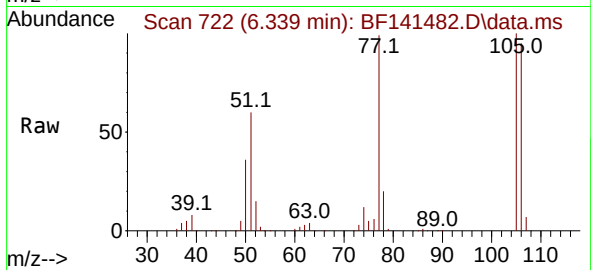




#9
Benzaldehyde
Concen: 58.361 ng
RT: 6.339 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

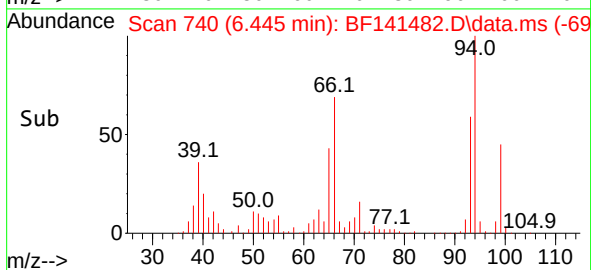
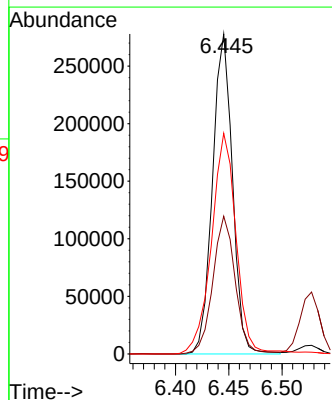
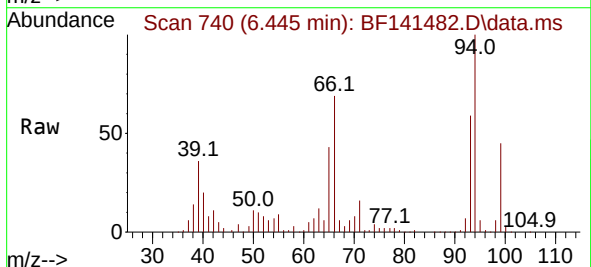
Instrument :
BNA_F
ClientSampleId :
PB166468BS

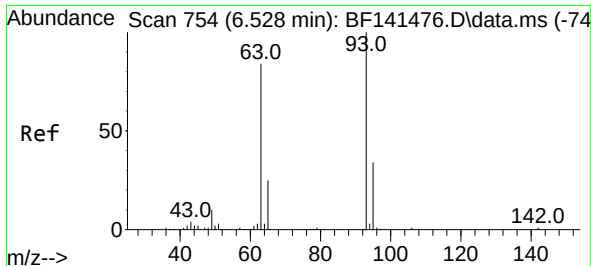
Tgt Ion: 77 Resp: 226799
Ion Ratio Lower Upper
77 100
105 100.5 79.4 119.4
106 95.1 75.1 115.1



#10
Phenol
Concen: 47.478 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 94 Resp: 361375
Ion Ratio Lower Upper
94 100
65 43.1 23.7 63.7
66 69.0 49.3 89.3

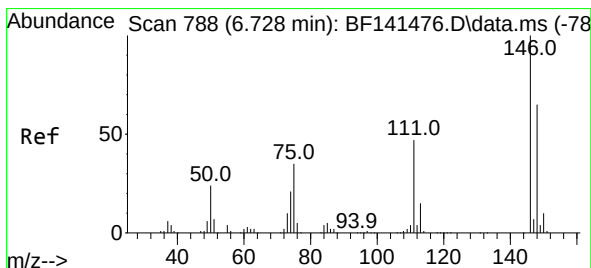
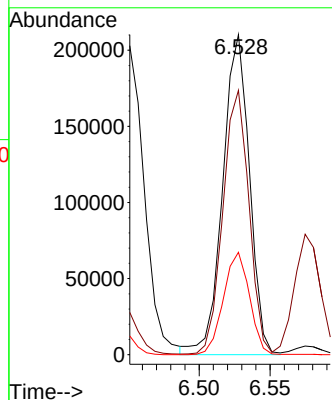
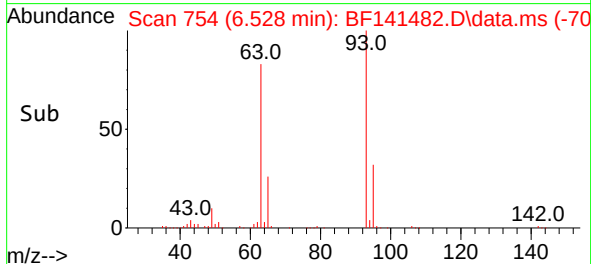
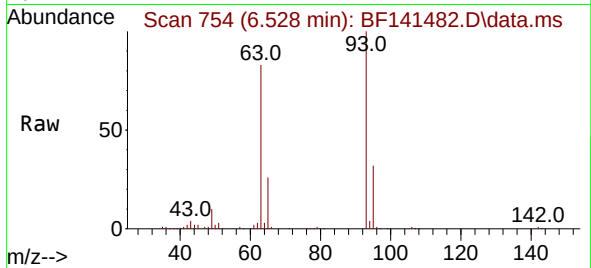




#11
bis(2-Chloroethyl)ether
Concen: 48.229 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

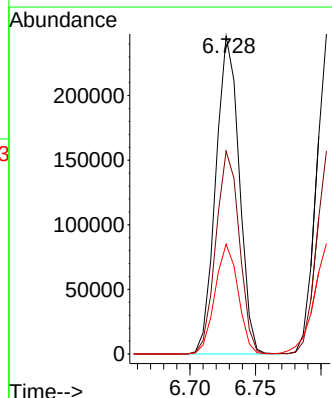
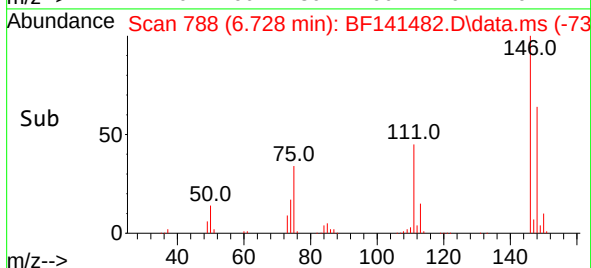
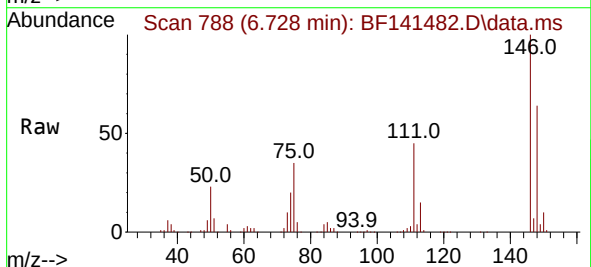
Instrument :
BNA_F
ClientSampleId :
PB166468BS

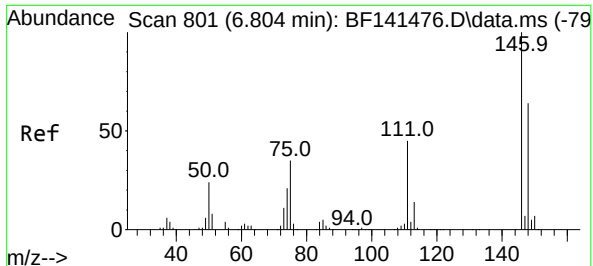
Tgt Ion: 93 Resp: 275727
Ion Ratio Lower Upper
93 100
63 82.6 62.0 102.0
95 32.0 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 46.194 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:146 Resp: 304899
Ion Ratio Lower Upper
146 100
148 63.8 51.9 77.9
75 34.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 46.372 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

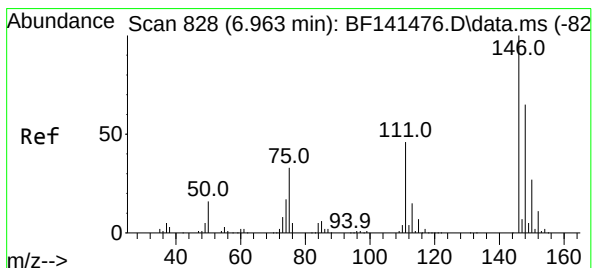
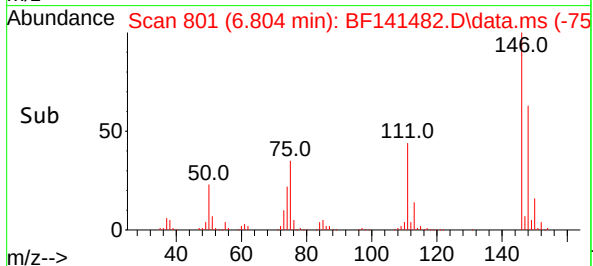
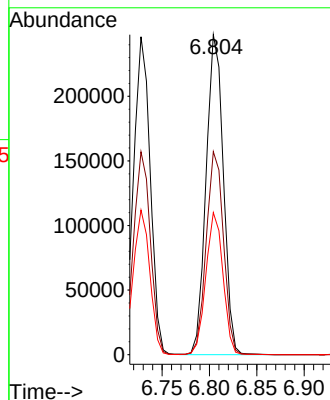
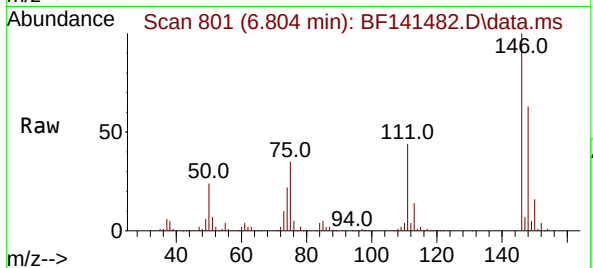
Tgt Ion:146 Resp: 312718

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

111 44.4 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 47.389 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

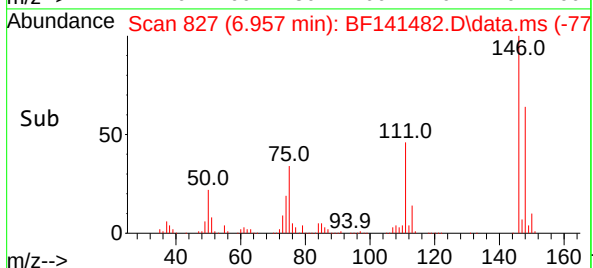
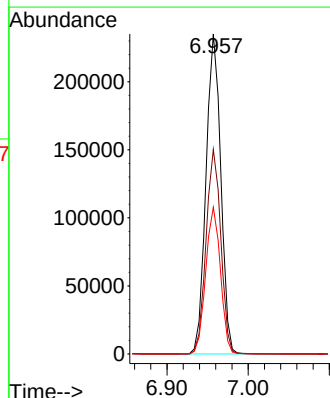
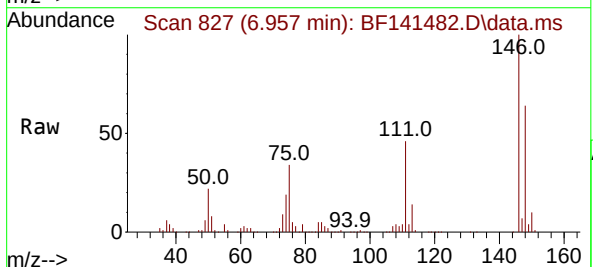
Tgt Ion:146 Resp: 296605

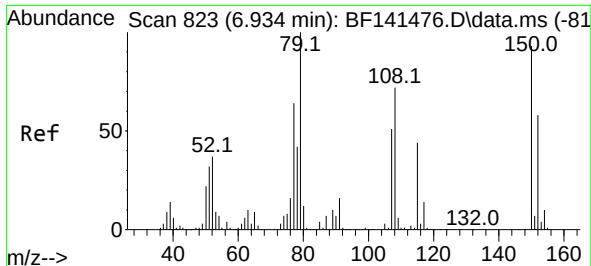
Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.6

111 45.9 37.0 55.4

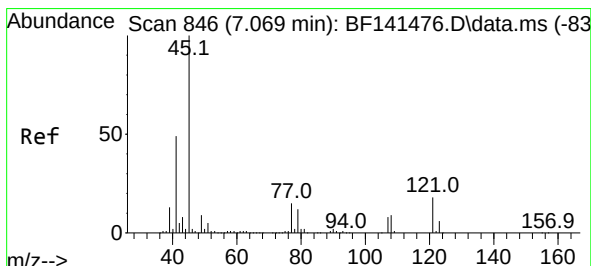
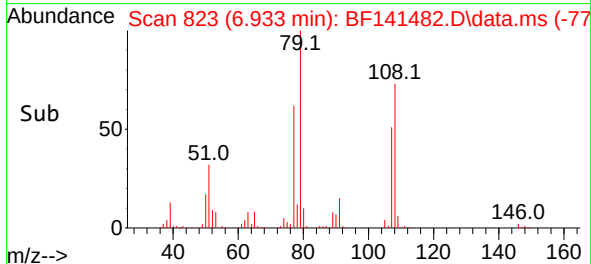
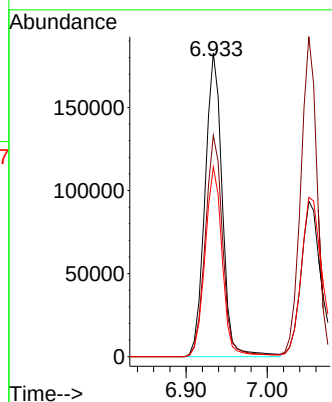
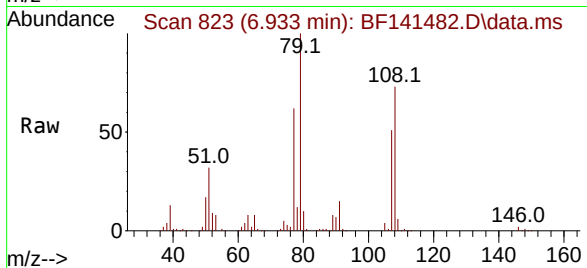




#15
Benzyl Alcohol
Concen: 47.998 ng
RT: 6.933 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

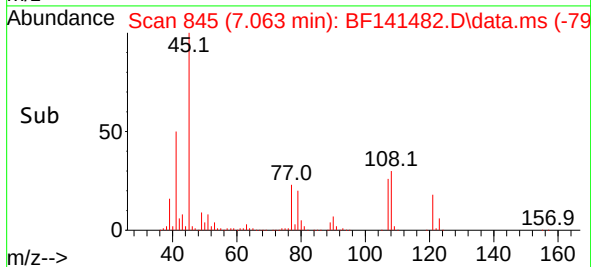
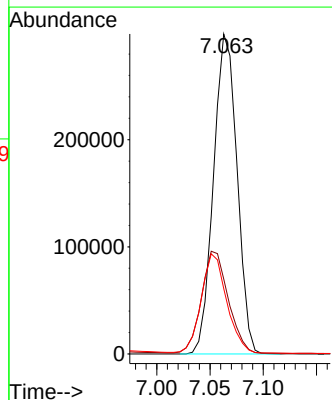
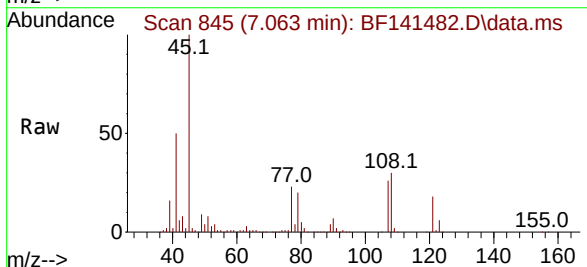
Instrument :
BNA_F
ClientSampleId :
PB166468BS

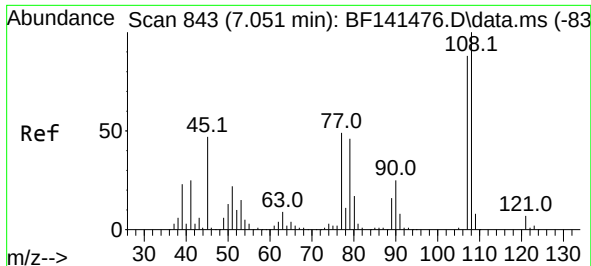
Tgt Ion: 79 Resp: 269173
Ion Ratio Lower Upper
79 100
108 72.9 57.4 86.2
77 62.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.868 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 45 Resp: 458672
Ion Ratio Lower Upper
45 100
77 23.4 0.0 35.8
79 20.5 0.0 32.7

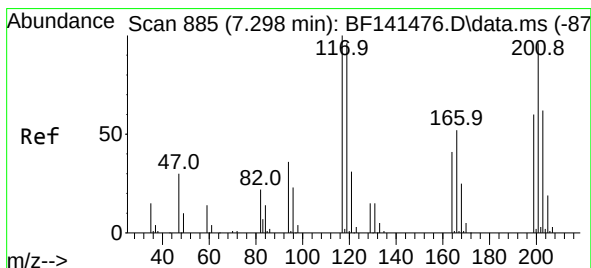
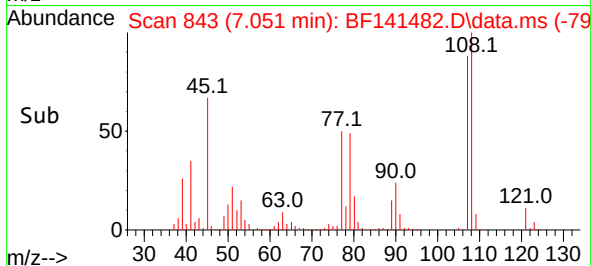
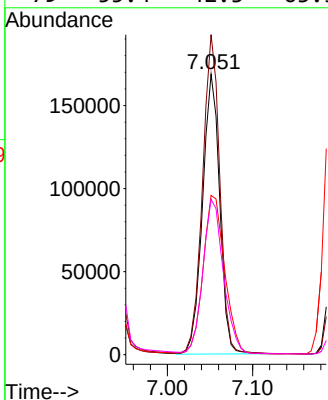
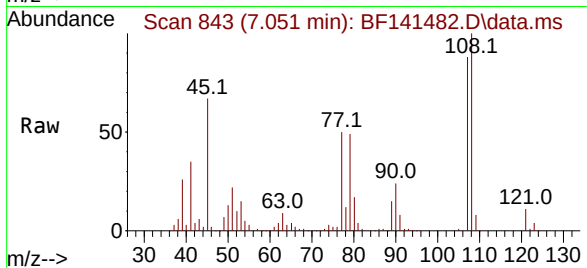




#17
2-Methylphenol
Concen: 48.358 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

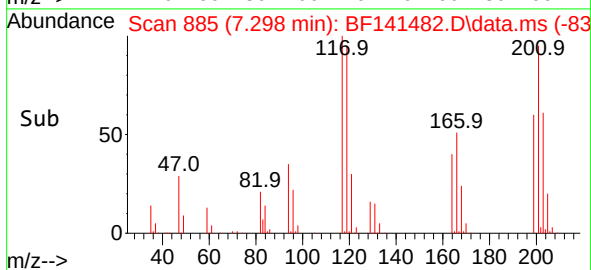
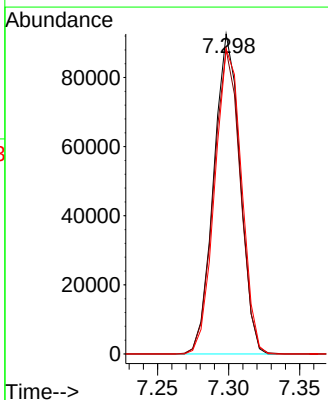
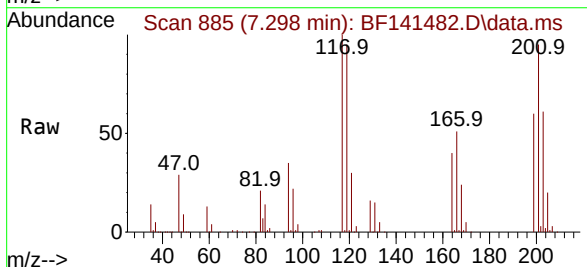
Instrument :
BNA_F
ClientSampleId :
PB166468BS

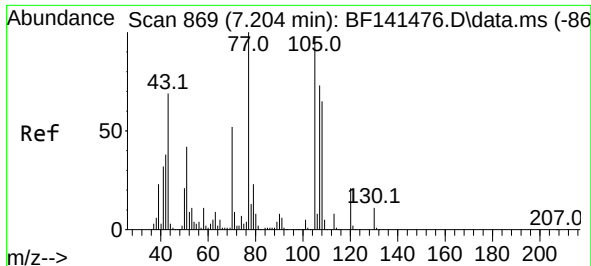
Tgt Ion:	107	Resp:	236594
Ion	Ratio	Lower	Upper
107	100		
108	114.1	90.6	136.0
77	56.8	44.4	66.6
79	55.4	42.3	63.5



#18
Hexachloroethane
Concen: 47.735 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:	117	Resp:	119135
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	95.4	76.7	115.1



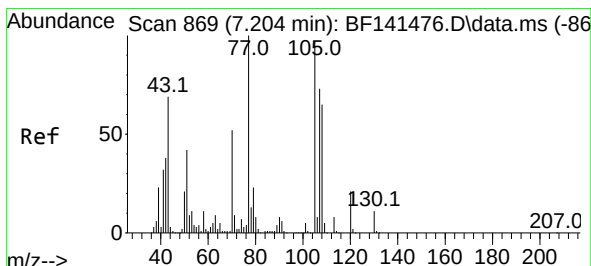
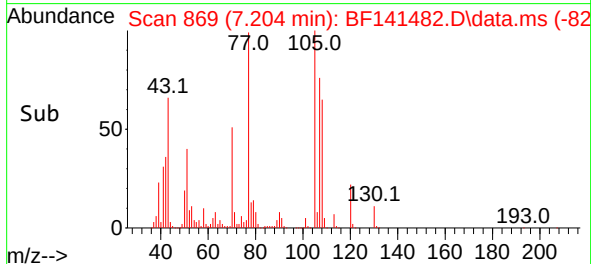
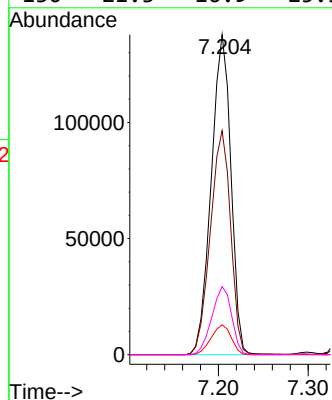
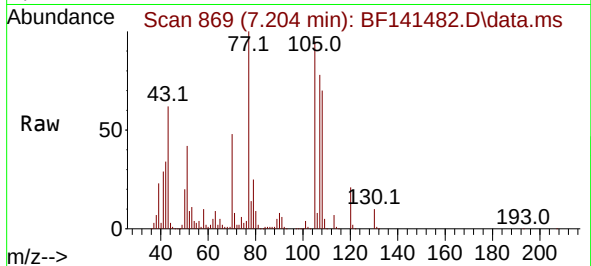


#19
n-Nitroso-di-n-propylamine
Concen: 47.982 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion: 70 Resp: 209891

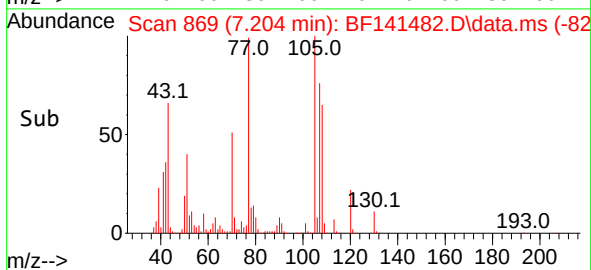
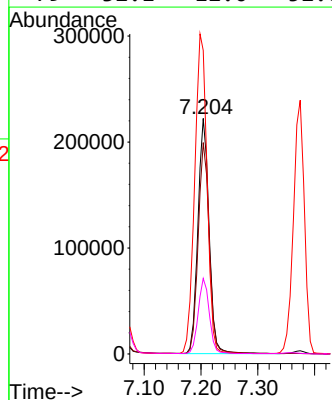
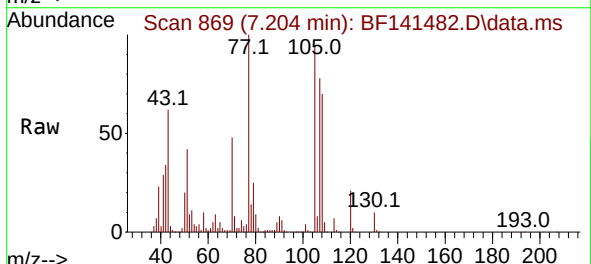
Ion	Ratio	Lower	Upper
70	100		
42	70.0	57.4	86.2
101	9.3	8.0	12.0
130	21.3	16.9	25.3

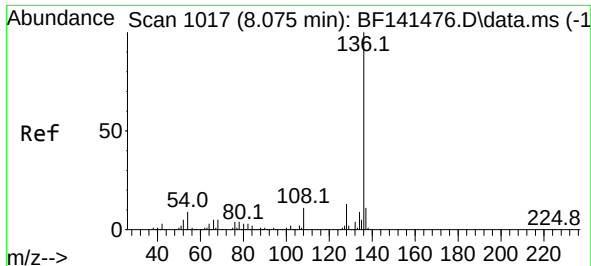


#20
3+4-Methylphenols
Concen: 49.008 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion: 107 Resp: 304715

Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.5	108.5
77	128.9	116.5	156.5
79	32.1	12.0	52.0

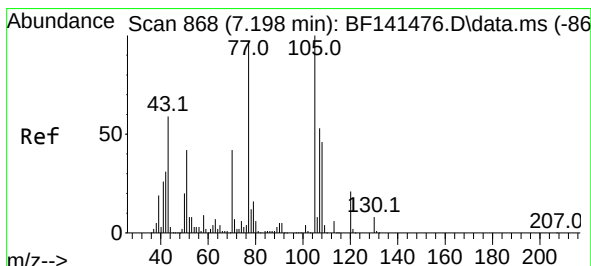
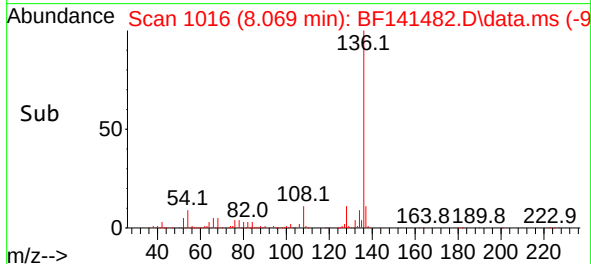
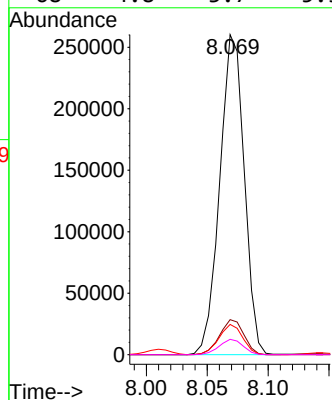
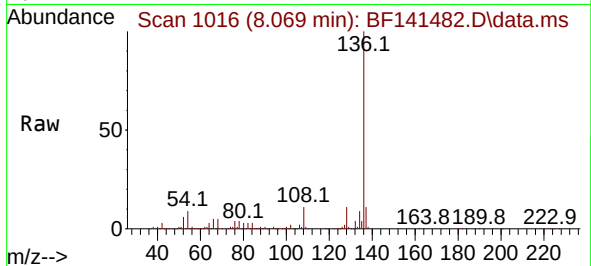




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

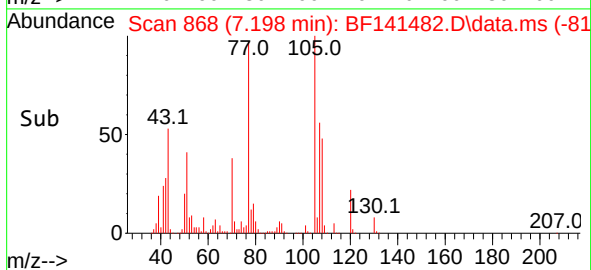
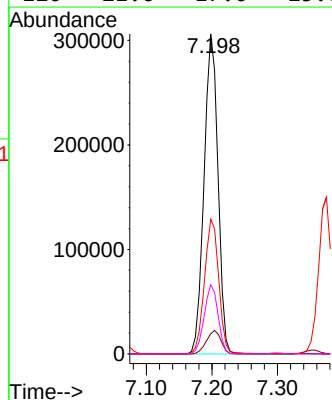
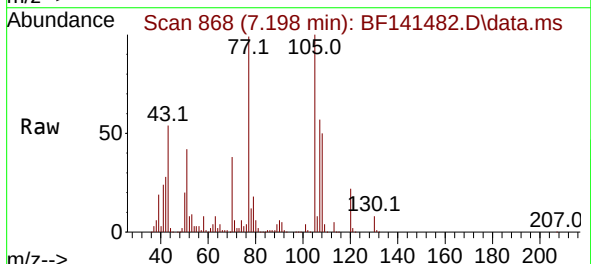
Instrument :
BNA_F
ClientSampleId :
PB166468BS

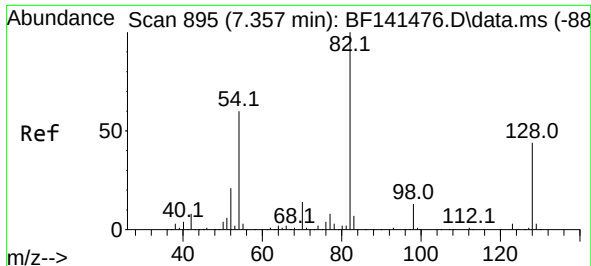
Tgt Ion:136 Resp: 364332
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 49.949 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:105 Resp: 452689
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 42.1 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 100.555 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

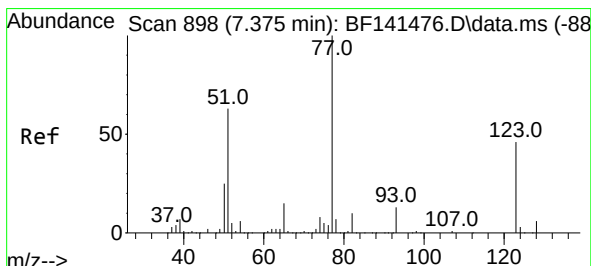
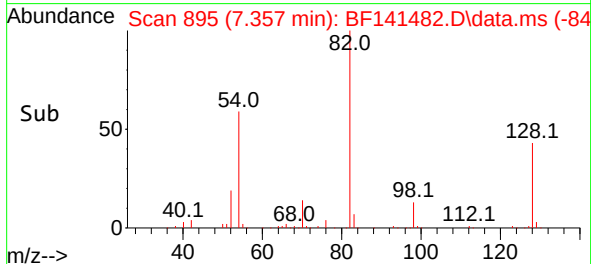
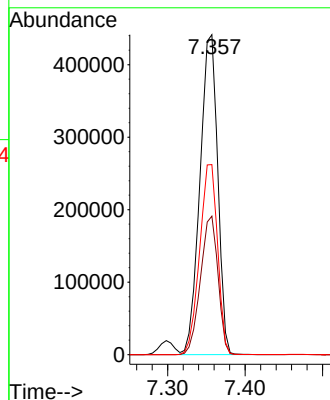
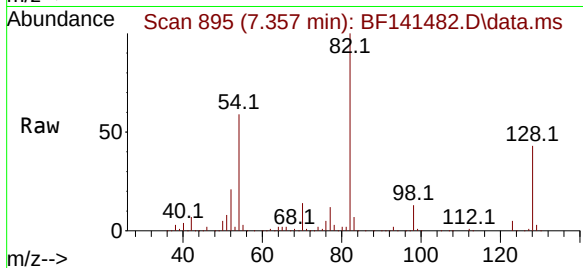
BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 82 Resp: 702389

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.8	52.2
54	59.4	48.2	72.4



#24

Nitrobenzene

Concen: 46.787 ng

RT: 7.375 min Scan# 898

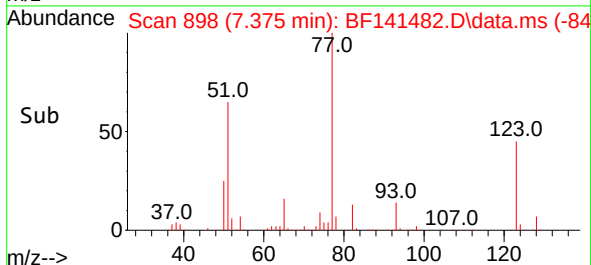
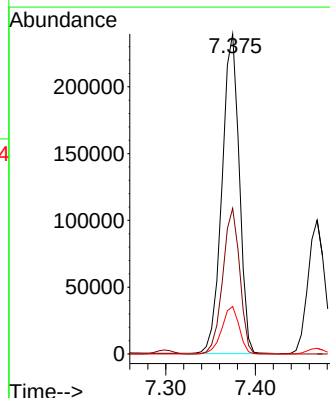
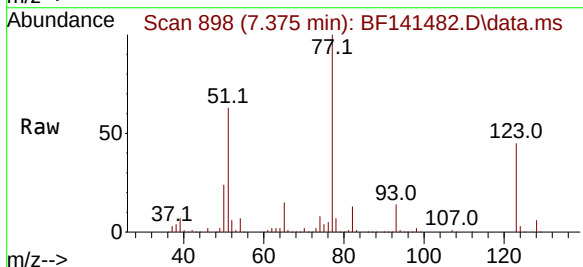
Delta R.T. -0.006 min

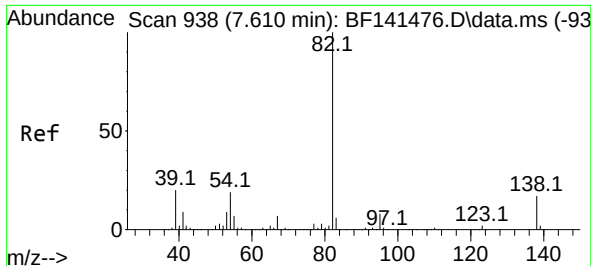
Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion: 77 Resp: 318680

Ion	Ratio	Lower	Upper
77	100		
123	45.5	36.9	55.3
65	14.9	11.9	17.9

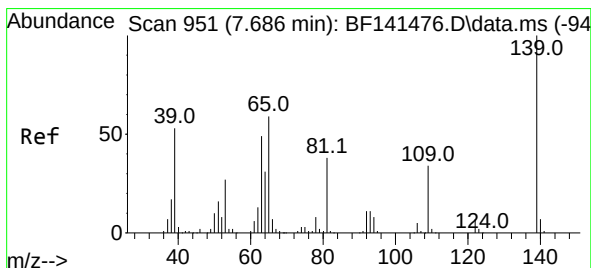
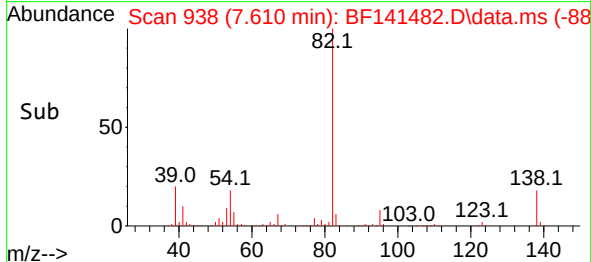
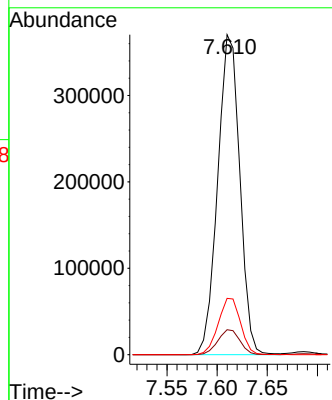
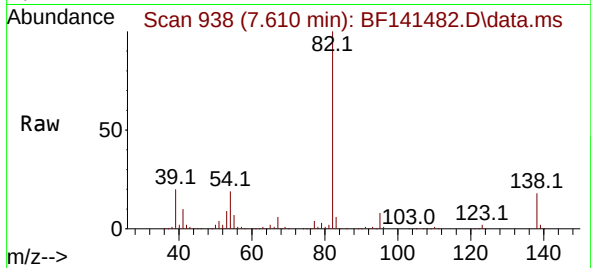




#25
Isophorone
Concen: 50.922 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

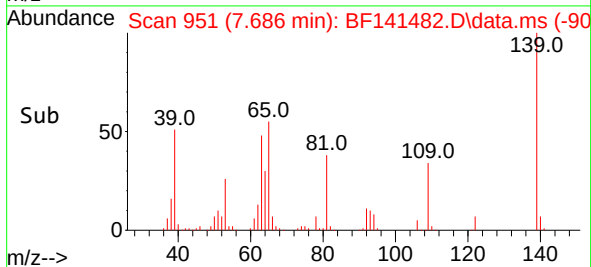
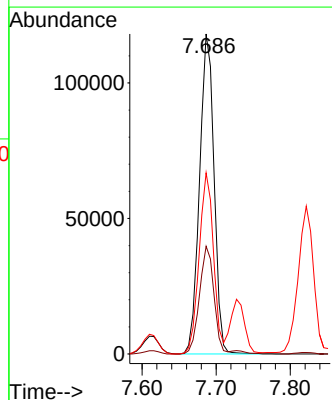
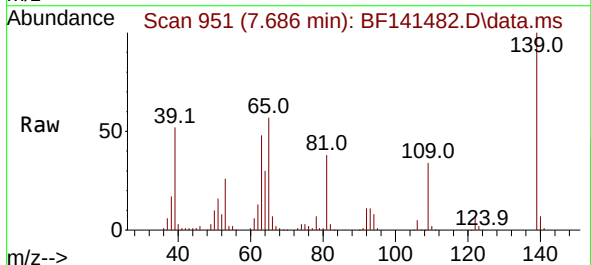
Instrument :
BNA_F
ClientSampleId :
PB166468BS

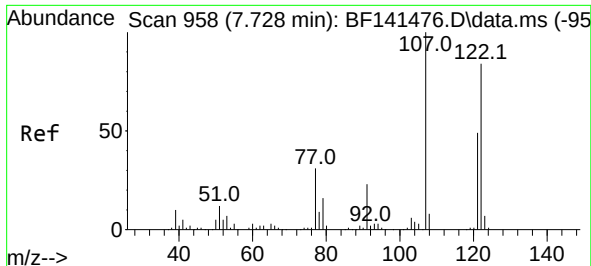
Tgt Ion: 82 Resp: 567152
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 17.6 13.9 20.9



#26
2-Nitrophenol
Concen: 47.540 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:139 Resp: 161103
Ion Ratio Lower Upper
139 100
109 33.7 27.0 40.6
65 56.6 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 61.127 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

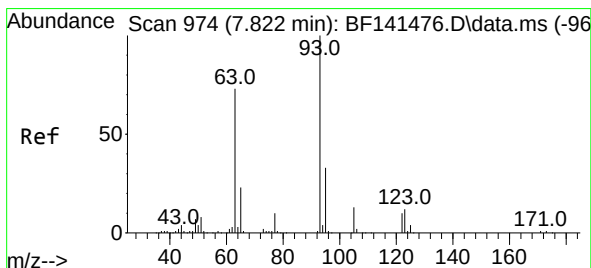
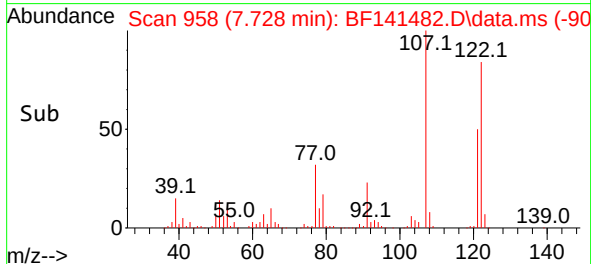
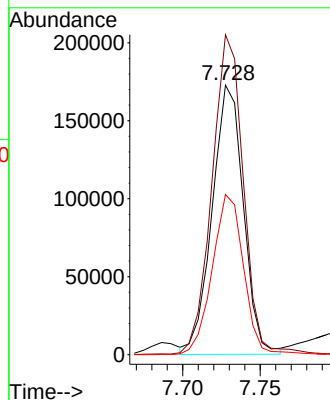
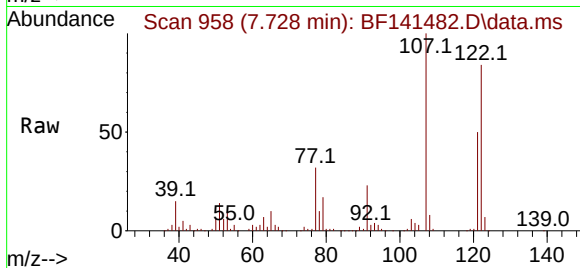
Tgt Ion:122 Resp: 241992

Ion Ratio Lower Upper

122 100

107 118.7 94.3 141.5

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 48.124 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

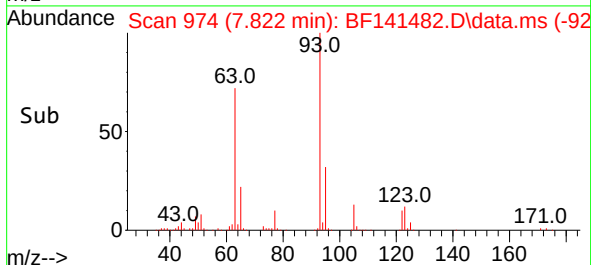
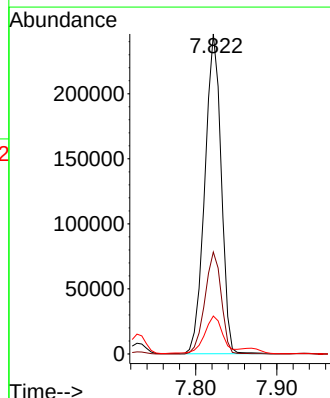
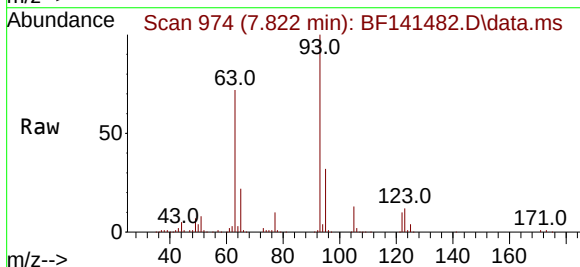
Tgt Ion: 93 Resp: 343447

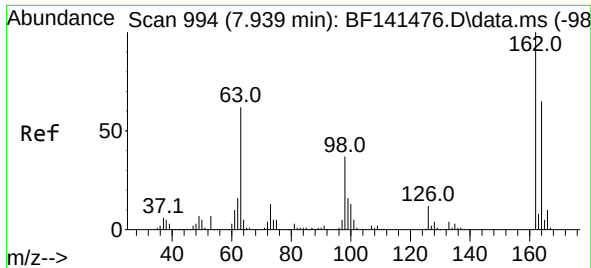
Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 11.8 9.5 14.3

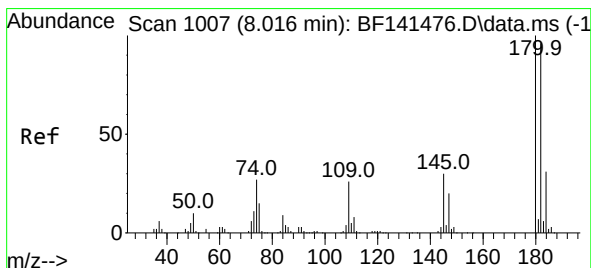
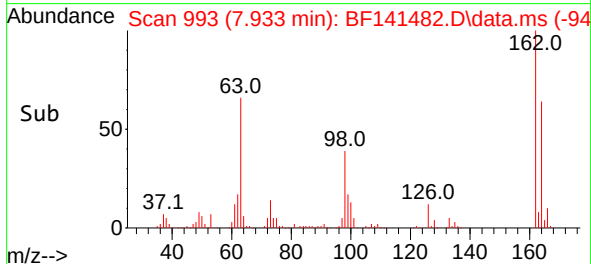
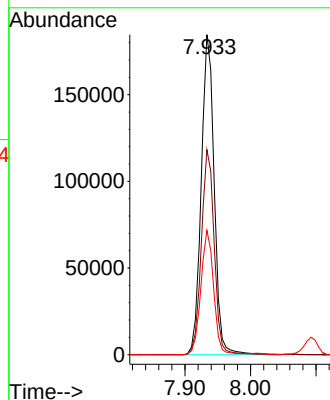
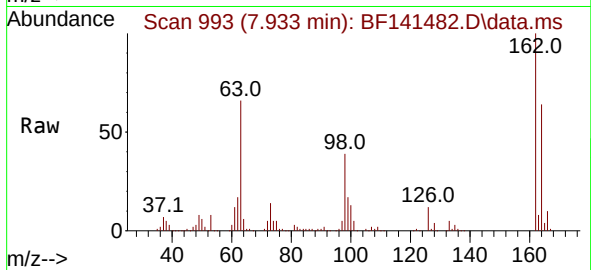




#29
2,4-Dichlorophenol
Concen: 47.575 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

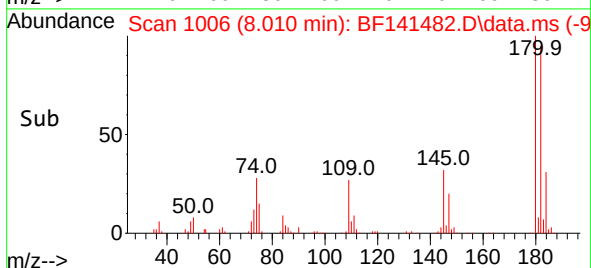
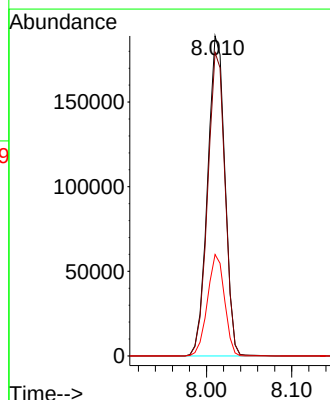
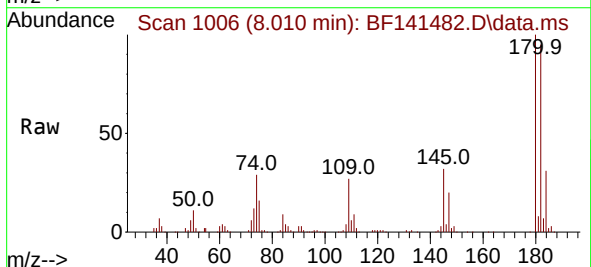
Instrument :
BNA_F
ClientSampleId :
PB166468BS

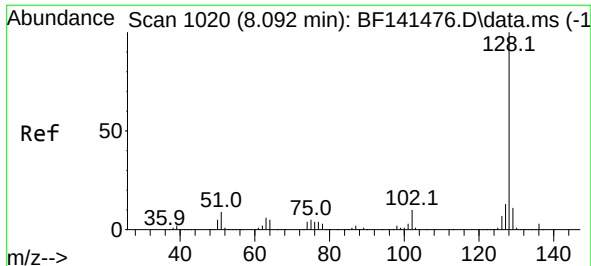
Tgt Ion:162 Resp: 254473
Ion Ratio Lower Upper
162 100
164 64.1 44.6 84.6
98 38.9 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 45.767 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:180 Resp: 266587
Ion Ratio Lower Upper
180 100
182 94.9 76.8 115.2
145 31.7 24.2 36.4

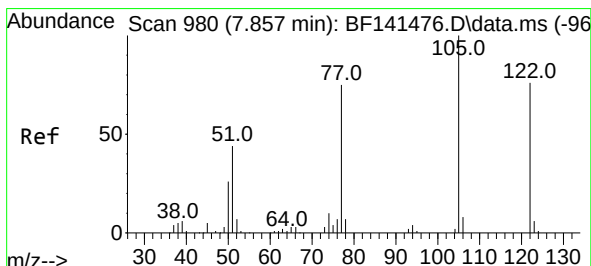
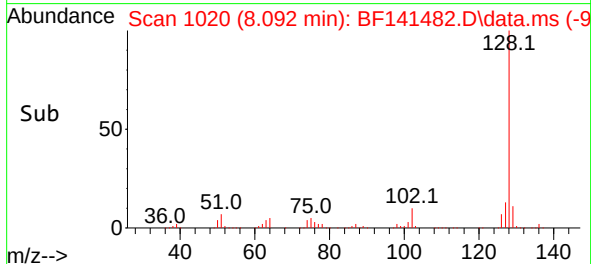
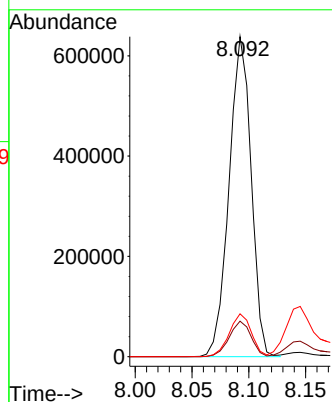
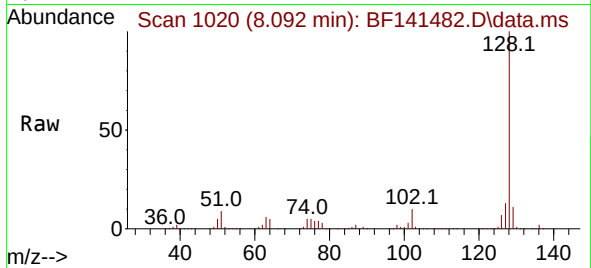




#31
Naphthalene
Concen: 45.542 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

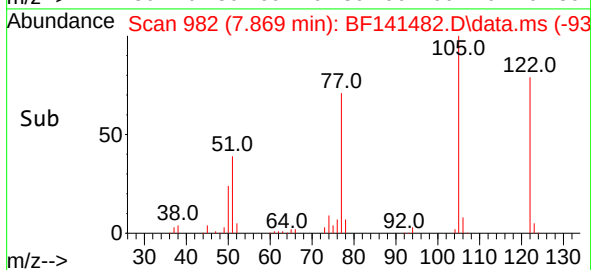
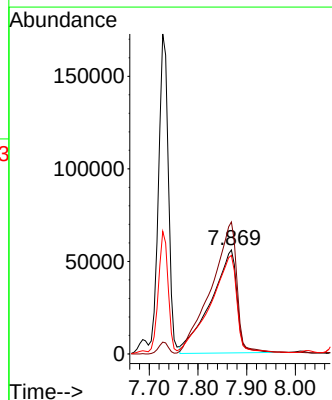
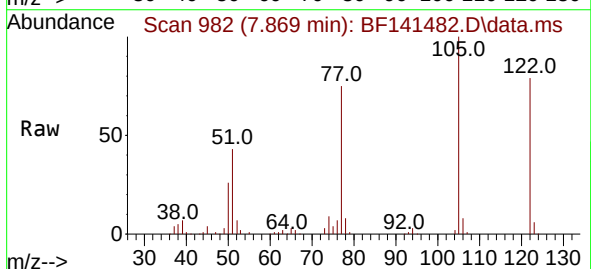
Instrument :
BNA_F
ClientSampleId :
PB166468BS

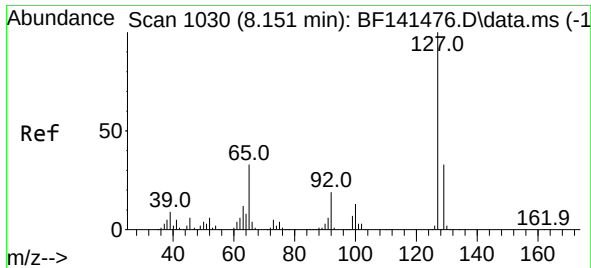
Tgt Ion:128 Resp: 863691
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 50.422 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.024 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:122 Resp: 207337
Ion Ratio Lower Upper
122 100
105 127.1 106.5 146.5
77 94.8 76.3 116.3

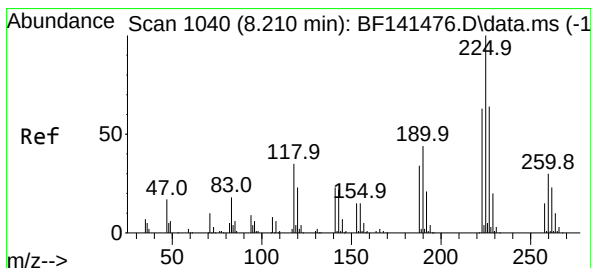
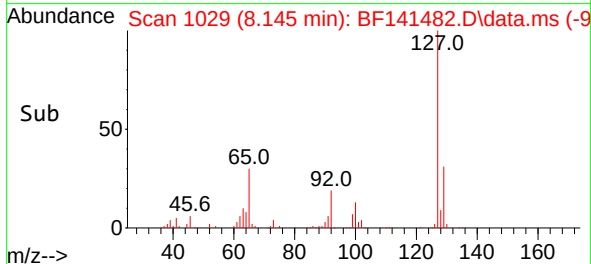
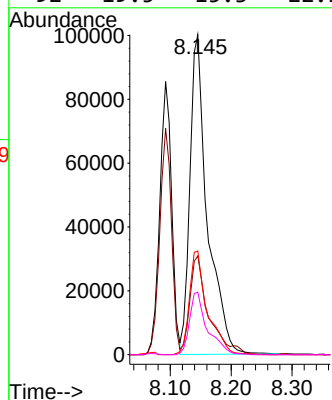
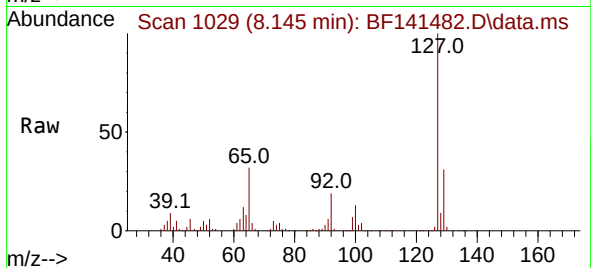




#33
4-Chloroaniline
Concen: 30.159 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

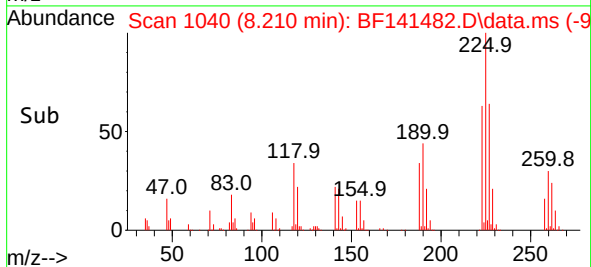
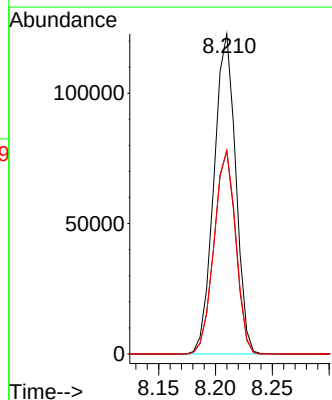
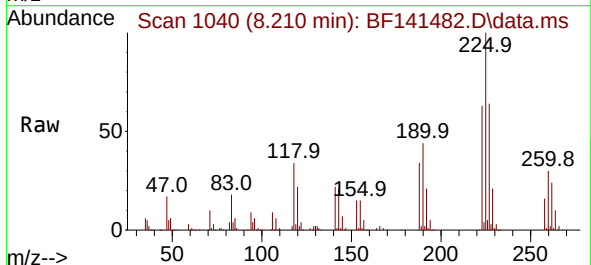
Instrument :
BNA_F
ClientSampleId :
PB166468BS

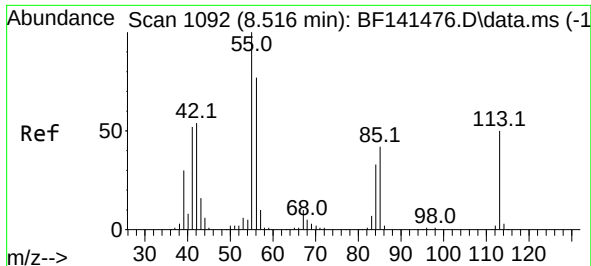
Tgt Ion:	127	Resp:	199696
Ion	Ratio	Lower	Upper
127	100		
129	30.9	26.5	39.7
65	32.4	26.4	39.6
92	19.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 46.815 ng
RT: 8.210 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:	225	Resp:	163704
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.1	75.1
227	63.7	51.0	76.6

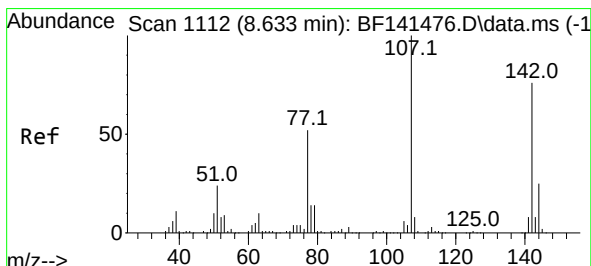
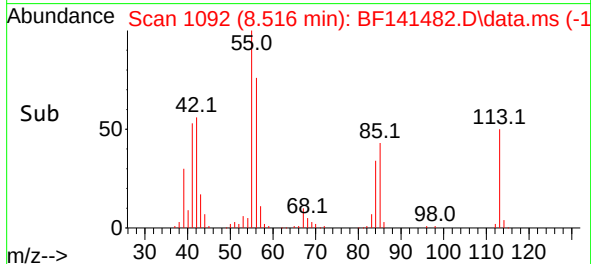
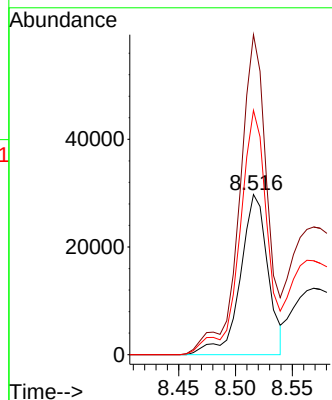
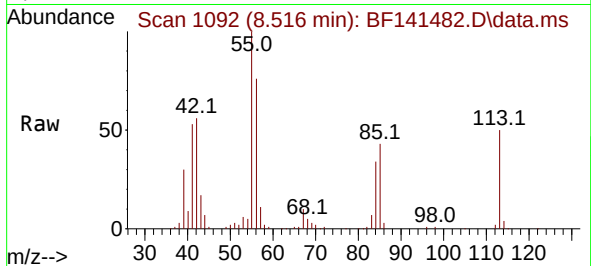




#35
 Caprolactam
 Concen: 30.865 ng
 RT: 8.516 min Scan# 1109
 Delta R.T. -0.029 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

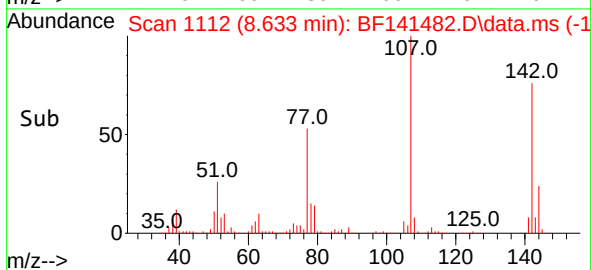
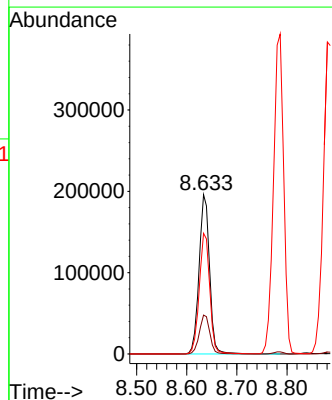
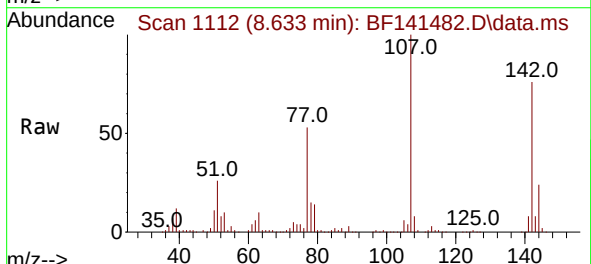
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

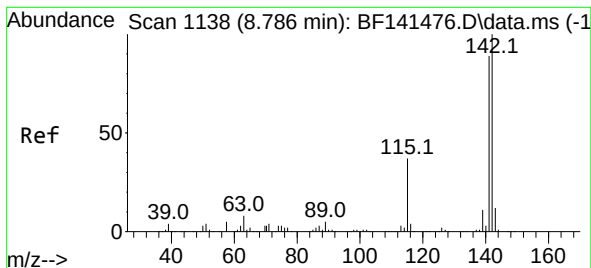
Tgt Ion:113 Resp: 50267
 Ion Ratio Lower Upper
 113 100
 55 199.9 180.8 220.8
 56 152.6 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 47.968 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Tgt Ion:107 Resp: 284217
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 75.6 60.8 91.2

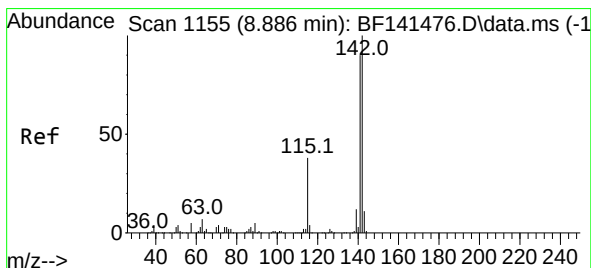
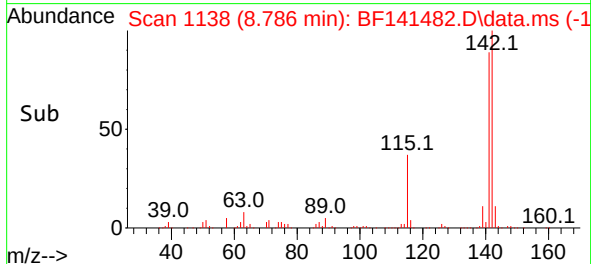
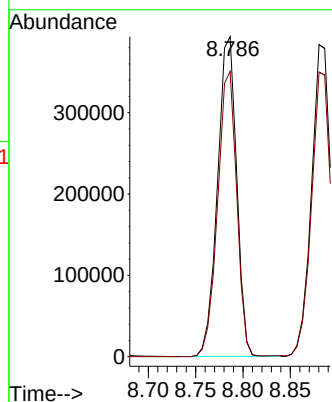
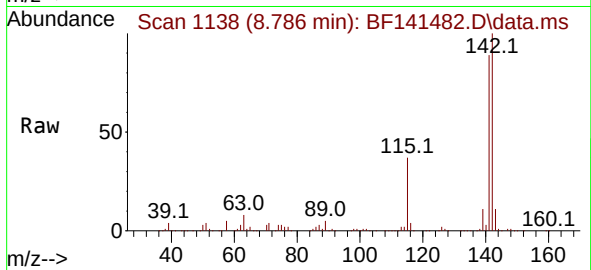




#37
2-Methylnaphthalene
Concen: 44.838 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

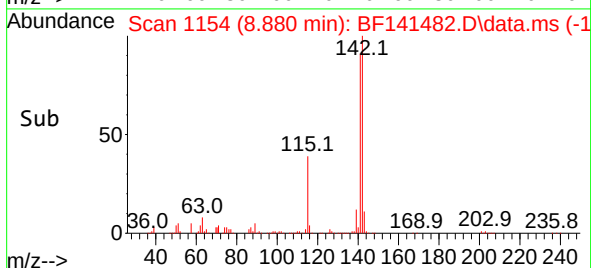
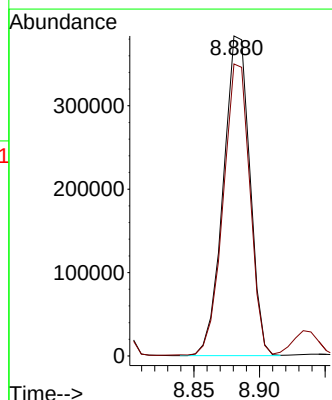
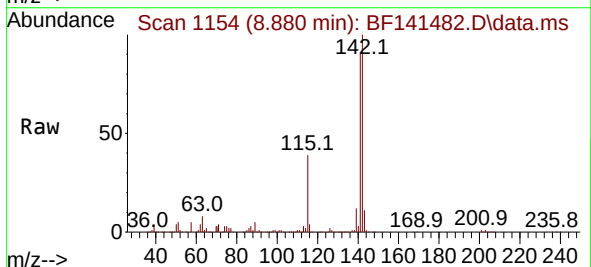
Instrument :
BNA_F
ClientSampleId :
PB166468BS

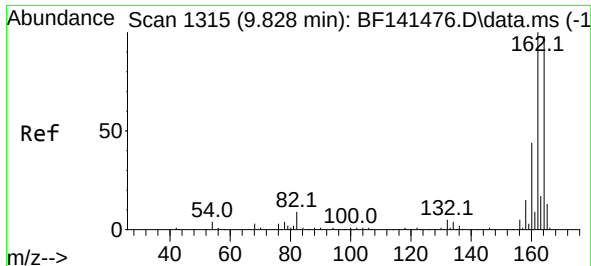
Tgt Ion:142 Resp: 553345
Ion Ratio Lower Upper
142 100
141 89.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 45.204 ng
RT: 8.880 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:142 Resp: 540303
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

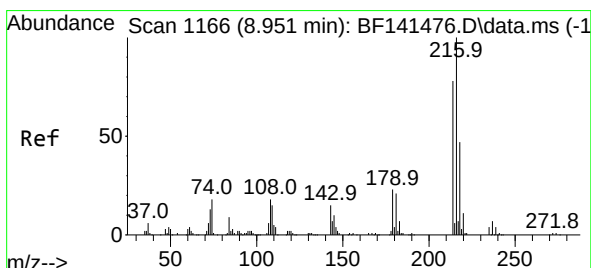
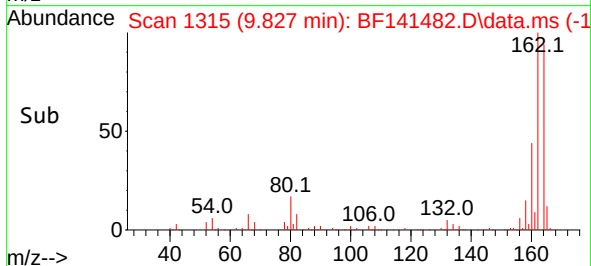
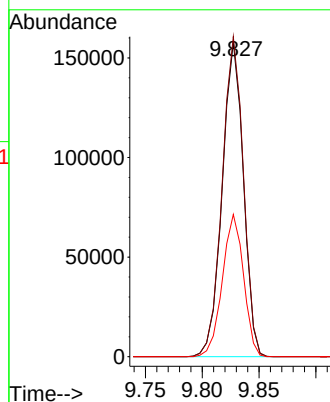
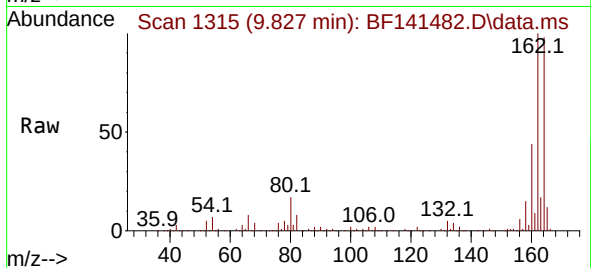
Tgt Ion:164 Resp: 204258

Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

160 45.3 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.823 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:216 Resp: 294427

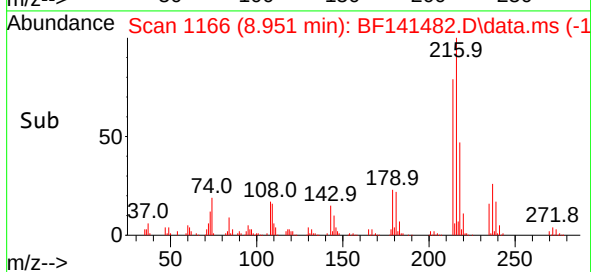
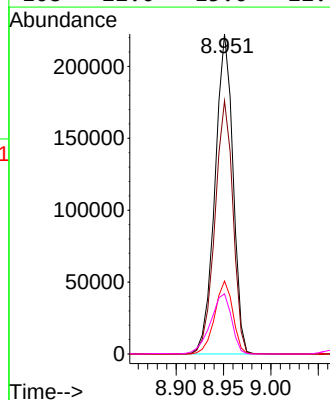
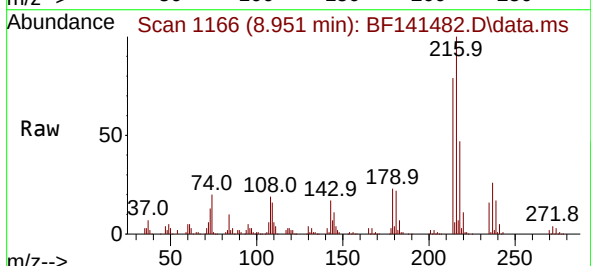
Ion Ratio Lower Upper

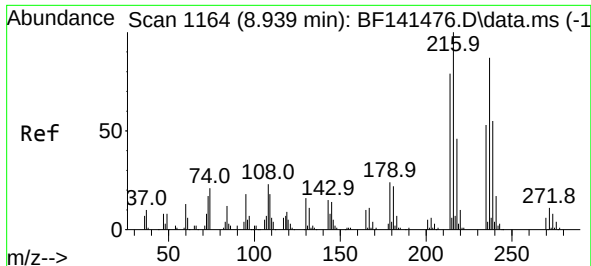
216 100

214 79.1 62.3 93.5

179 22.8 18.0 27.0

108 22.0 15.0 22.6

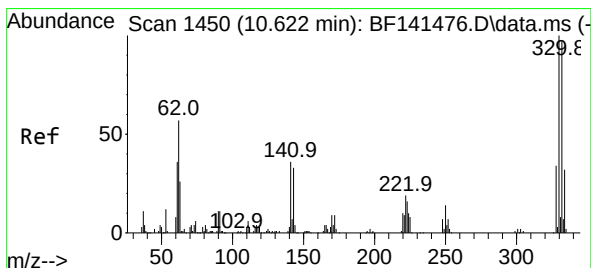
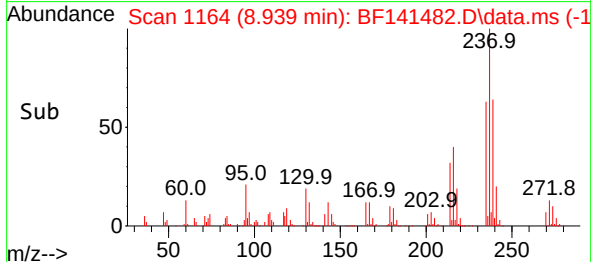
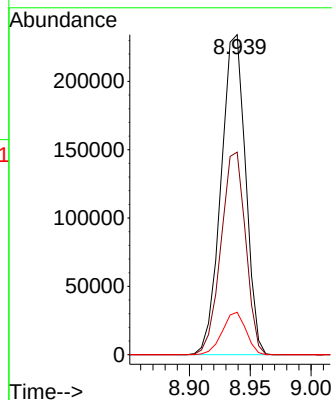
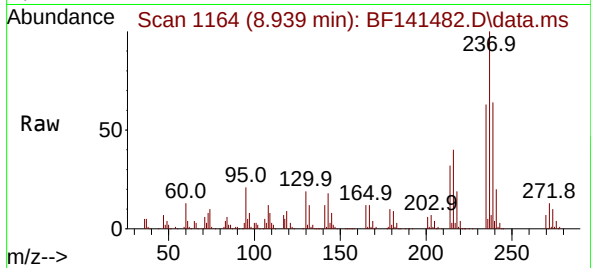




#41
Hexachlorocyclopentadiene
Concen: 167.203 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

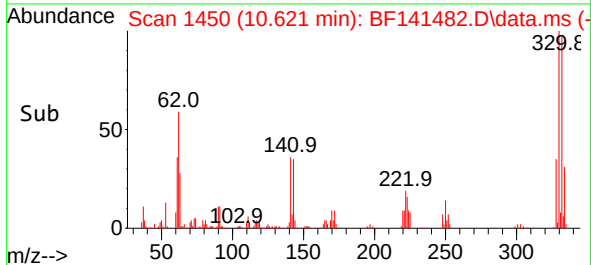
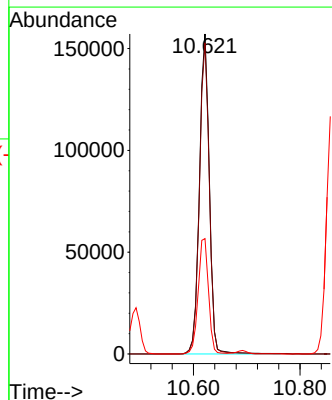
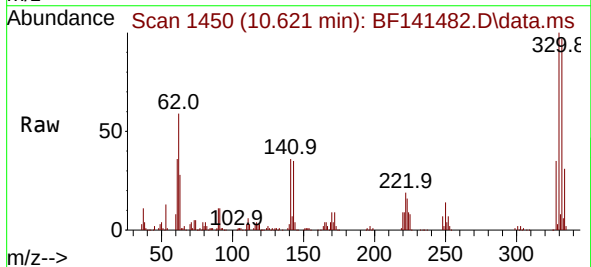
Instrument :
BNA_F
ClientSampleId :
PB166468BS

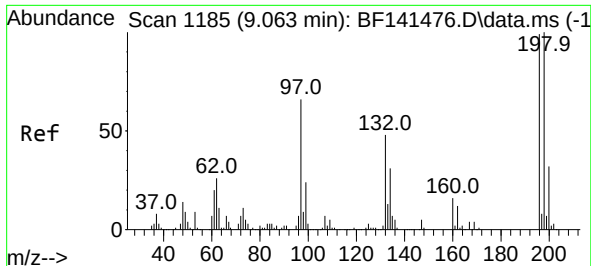
Tgt Ion:237 Resp: 328641
Ion Ratio Lower Upper
237 100
235 63.3 41.4 81.4
272 13.2 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 99.186 ng
RT: 10.621 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:330 Resp: 203516
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 37.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 48.228 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

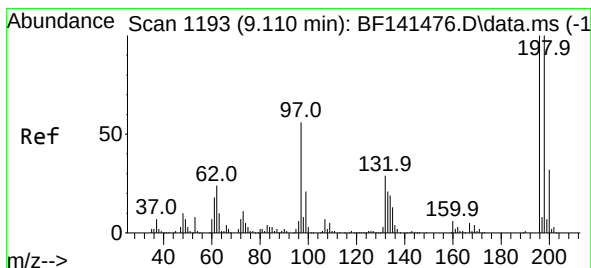
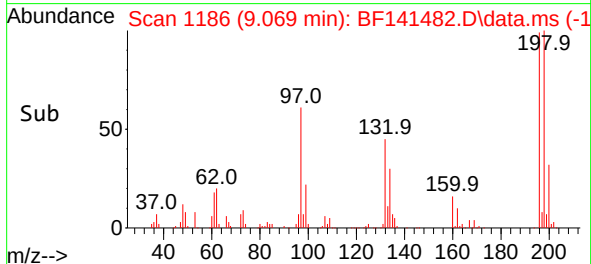
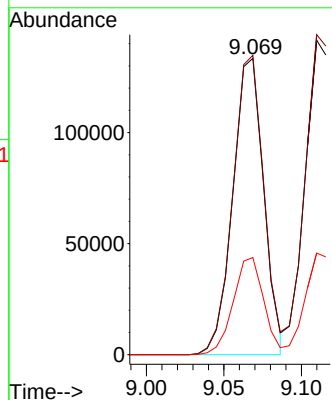
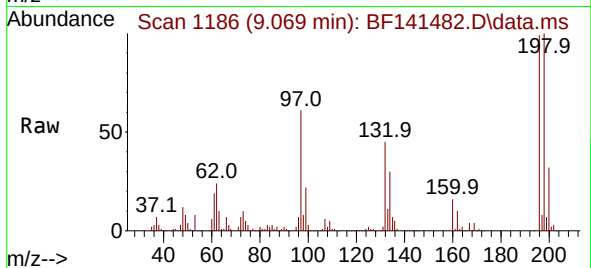
Tgt Ion:196 Resp: 184199

Ion Ratio Lower Upper

196 100

198 101.0 80.6 121.0

200 32.8 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 47.233 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:196 Resp: 195510

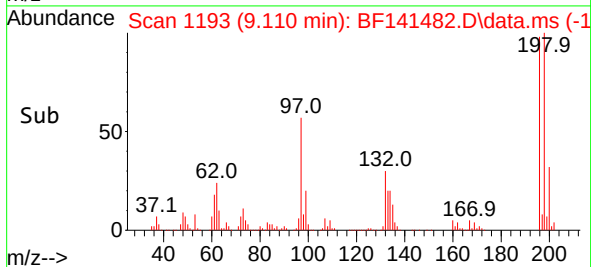
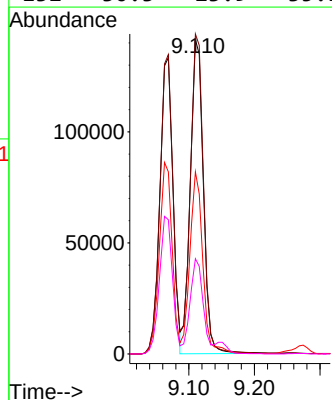
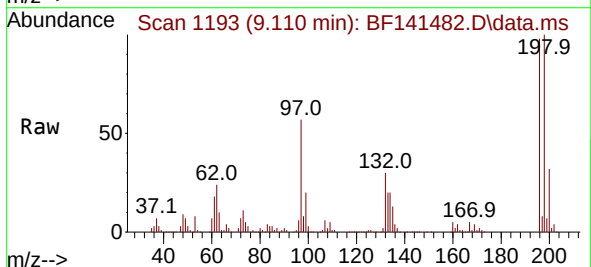
Ion Ratio Lower Upper

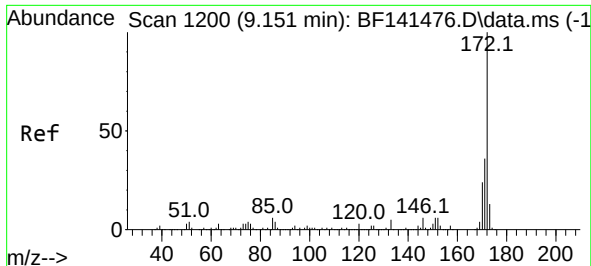
196 100

198 101.8 79.8 119.8

97 57.9 44.8 67.2

132 30.3 23.9 35.9

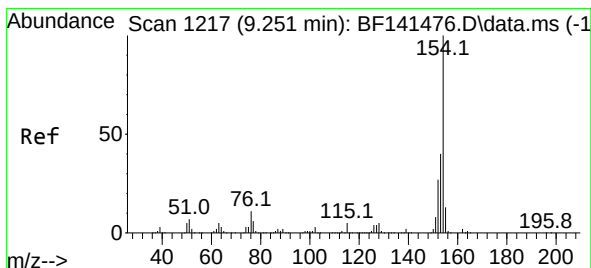
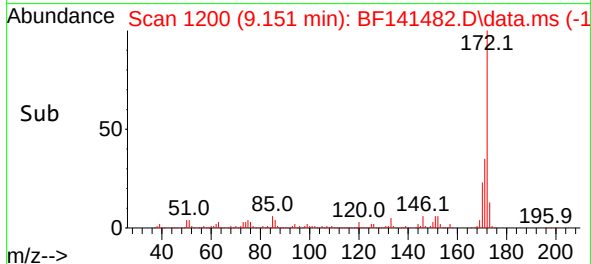
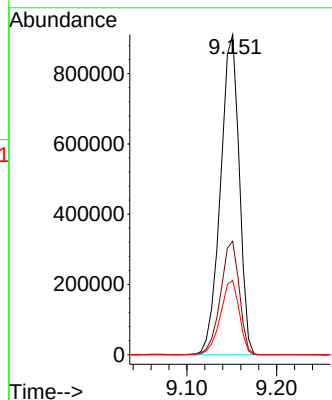
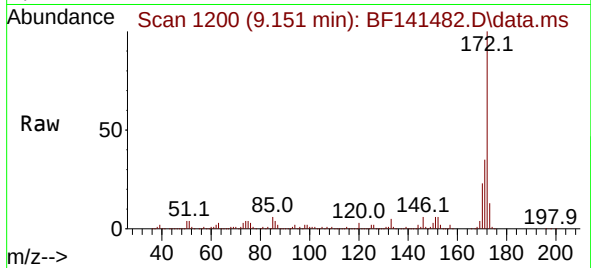




#45
2-Fluorobiphenyl
Concen: 99.464 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

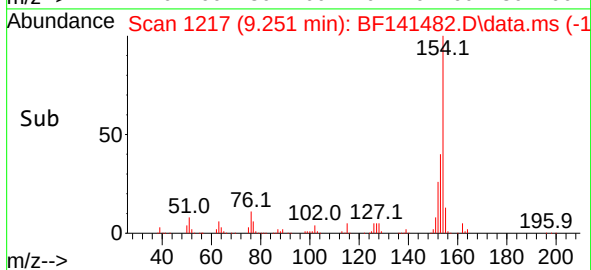
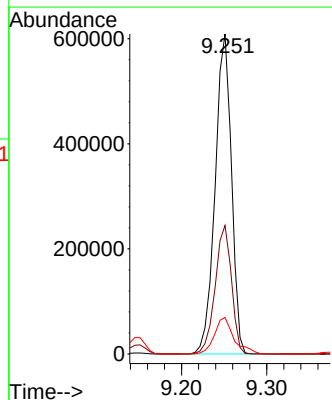
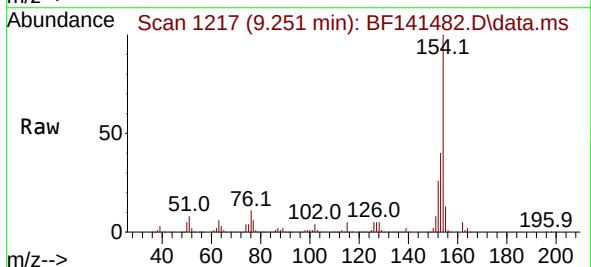
Instrument :
BNA_F
ClientSampleId :
PB166468BS

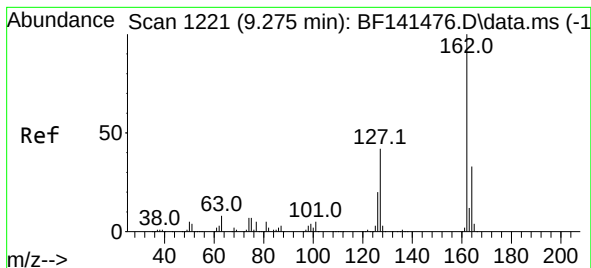
Tgt Ion:172 Resp: 1318685
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 51.122 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:154 Resp: 809561
Ion Ratio Lower Upper
154 100
153 40.1 20.4 60.4
76 11.4 0.0 30.8





#47

2-Chloronaphthalene

Concen: 46.945 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

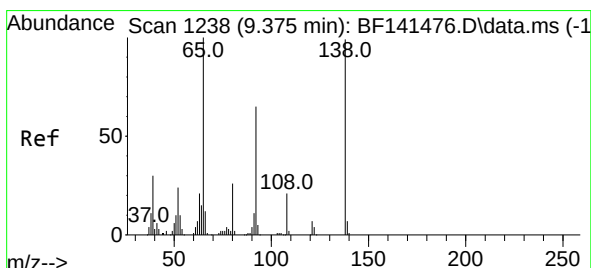
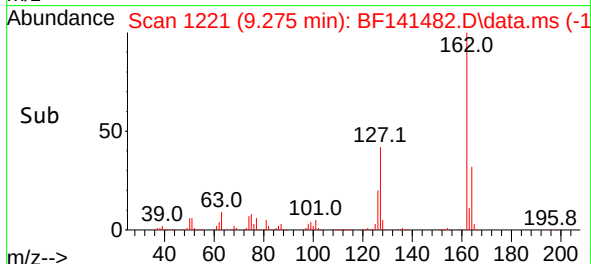
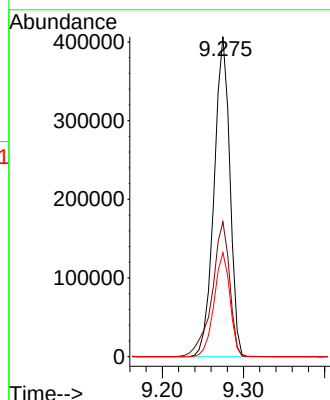
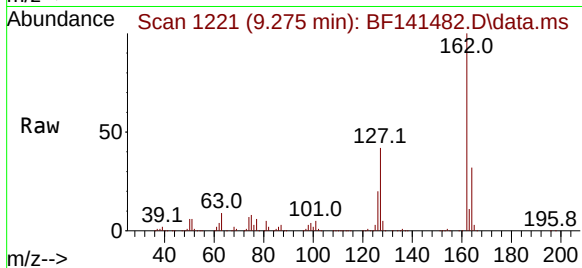
Tgt Ion:162 Resp: 549733

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 32.5 26.3 39.5



#48

2-Nitroaniline

Concen: 48.047 ng

RT: 9.374 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

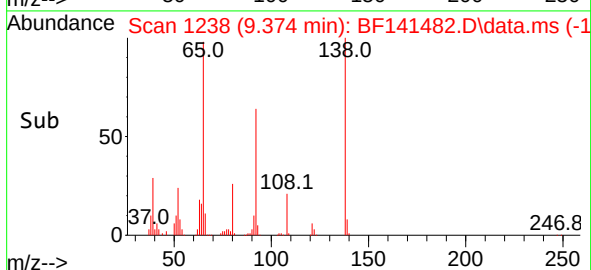
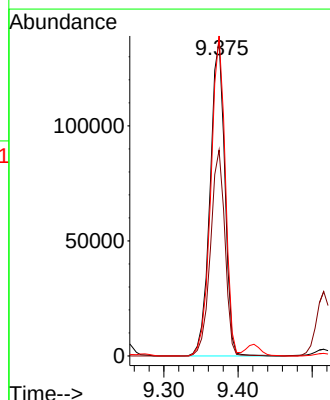
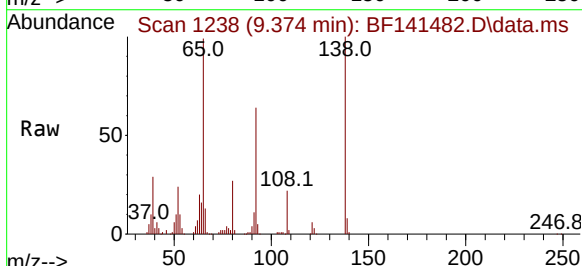
Tgt Ion: 65 Resp: 188822

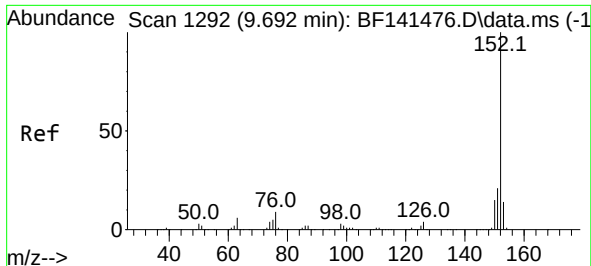
Ion Ratio Lower Upper

65 100

92 65.3 52.2 78.2

138 101.4 79.5 119.3





#49

Acenaphthylene

Concen: 49.445 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

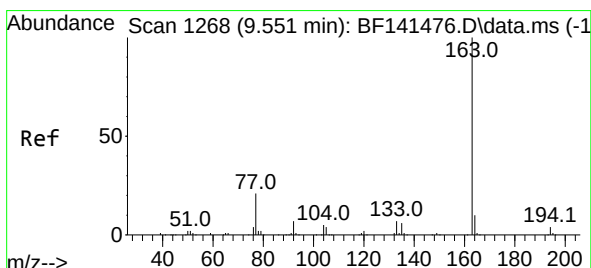
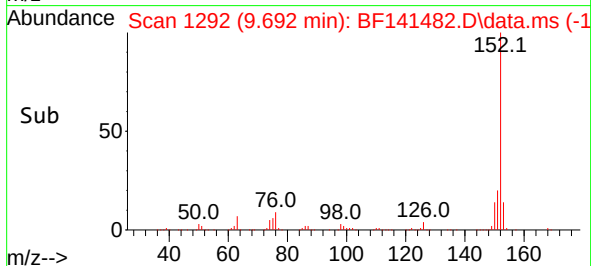
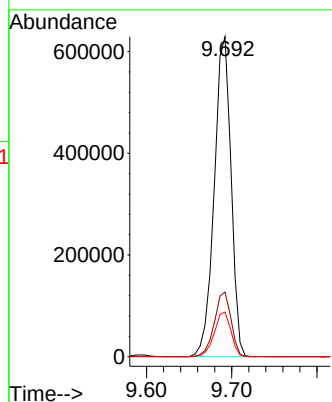
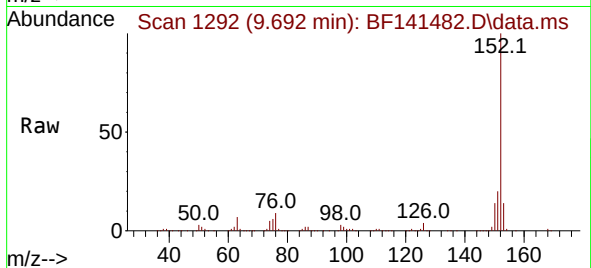
Tgt Ion:152 Resp: 861198

Ion Ratio Lower Upper

152 100

151 20.2 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 47.403 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

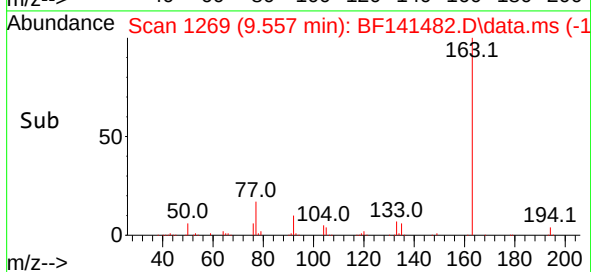
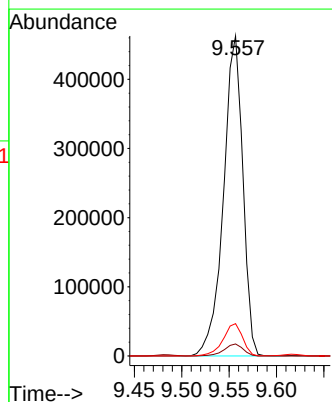
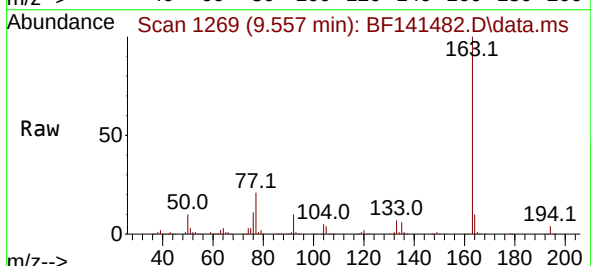
Tgt Ion:163 Resp: 657316

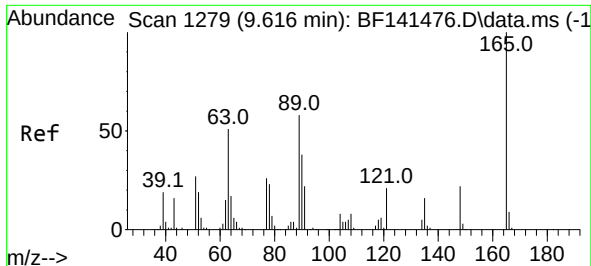
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

164 10.1 7.9 11.9

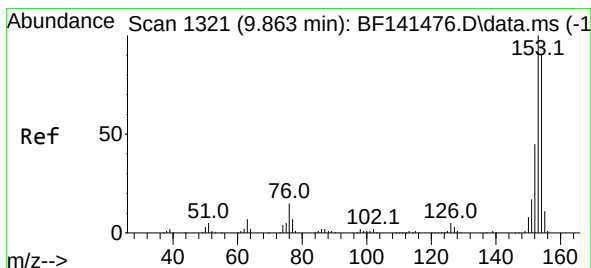
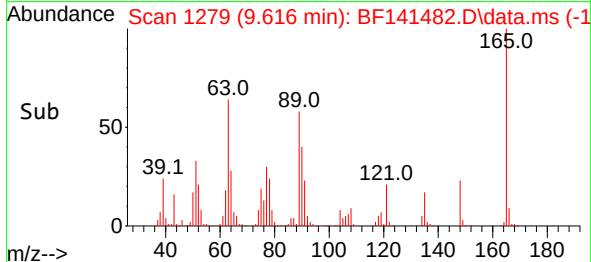
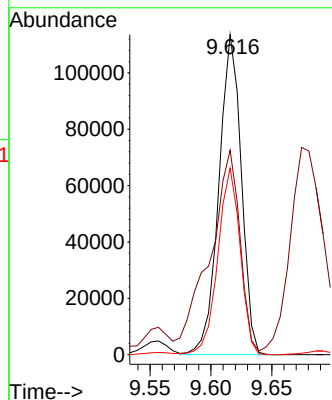
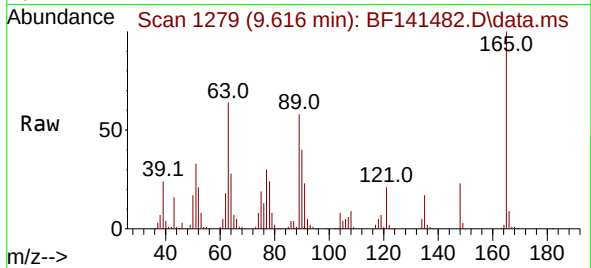




#51
2,6-Dinitrotoluene
Concen: 47.972 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

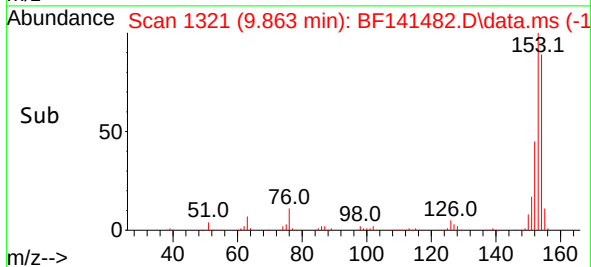
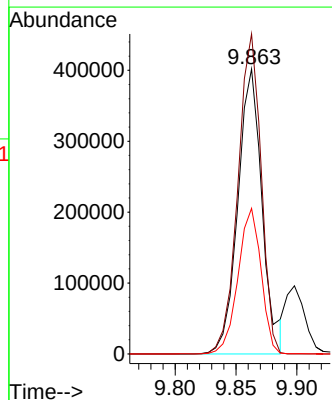
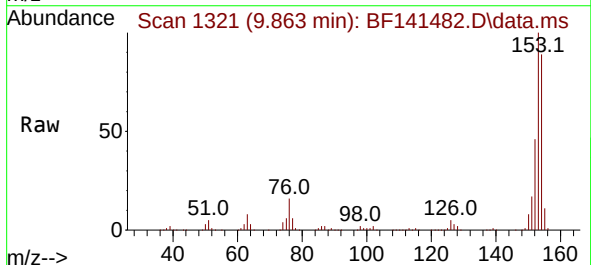
Instrument :
BNA_F
ClientSampleId :
PB166468BS

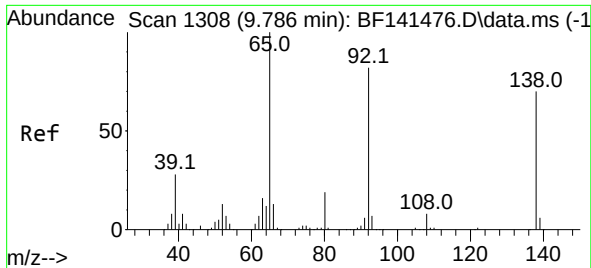
Tgt Ion:165 Resp: 145418
Ion Ratio Lower Upper
165 100
63 63.9 49.4 74.0
89 58.3 46.5 69.7



#52
Acenaphthene
Concen: 47.531 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:154 Resp: 556564
Ion Ratio Lower Upper
154 100
153 112.3 89.2 133.8
152 51.1 39.8 59.8

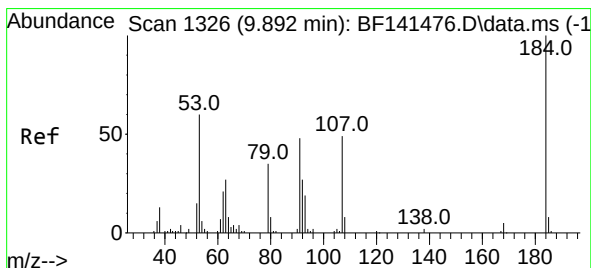
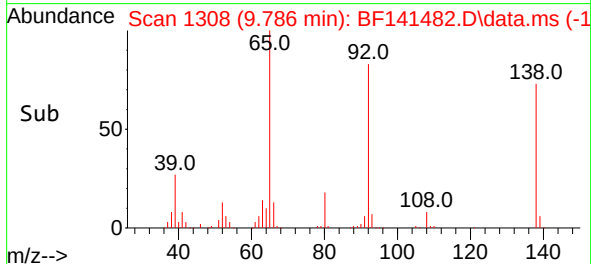
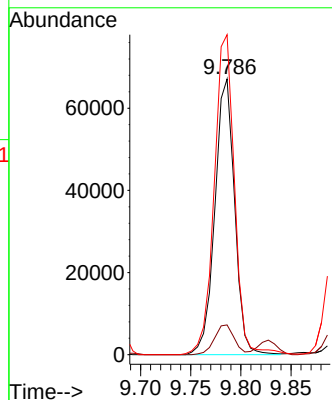
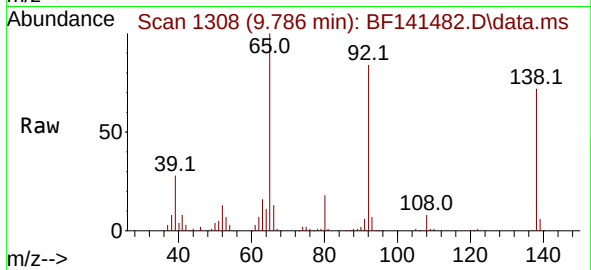




#53
3-Nitroaniline
Concen: 28.207 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

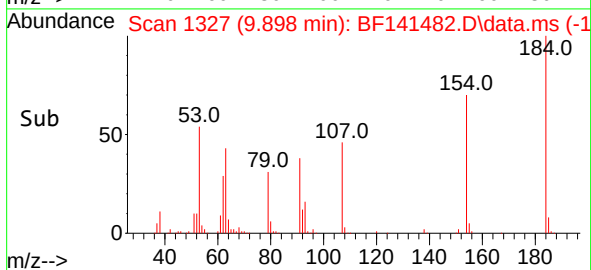
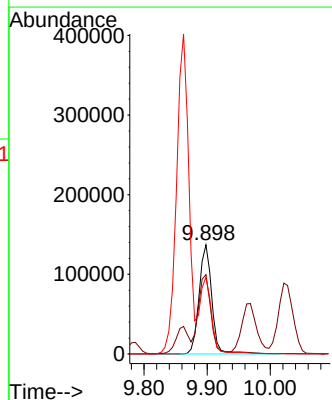
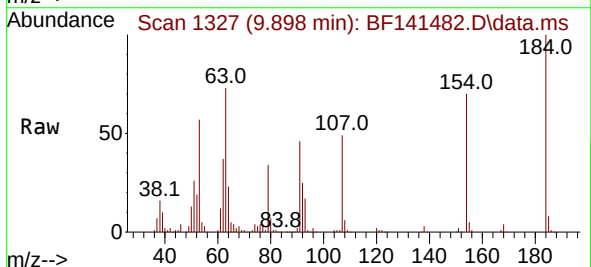
Instrument :
BNA_F
ClientSampleId :
PB166468BS

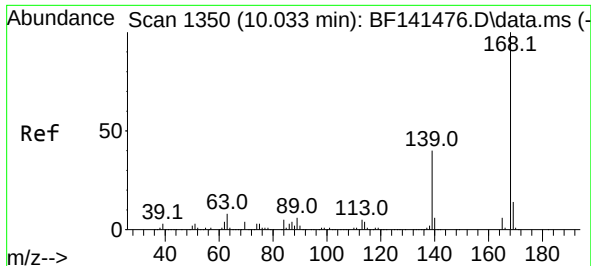
Tgt Ion:138 Resp: 92029
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 116.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 106.852 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:184 Resp: 192504
Ion Ratio Lower Upper
184 100
63 72.8 61.0 91.6
154 70.1 59.9 89.9

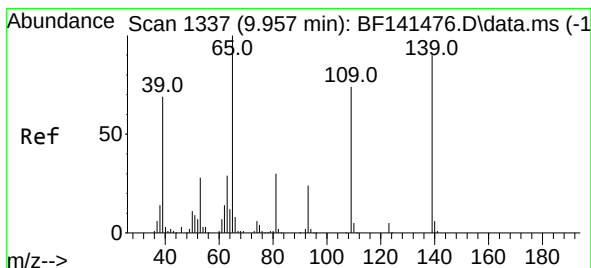
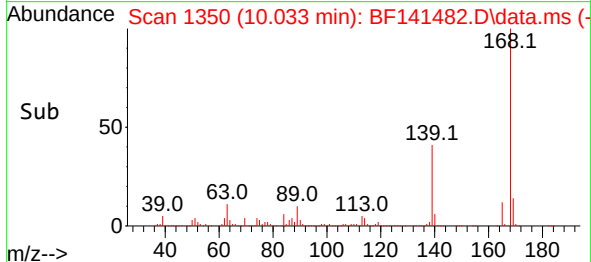
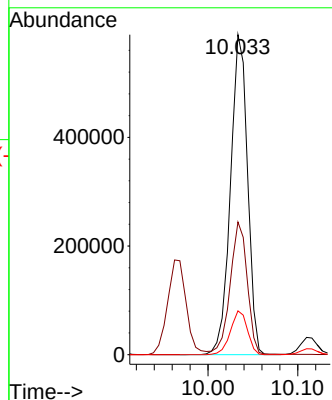
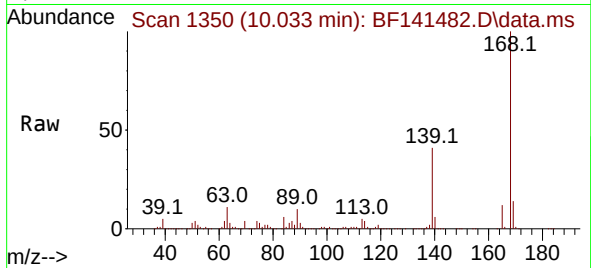




#55
Dibenzofuran
Concen: 45.279 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

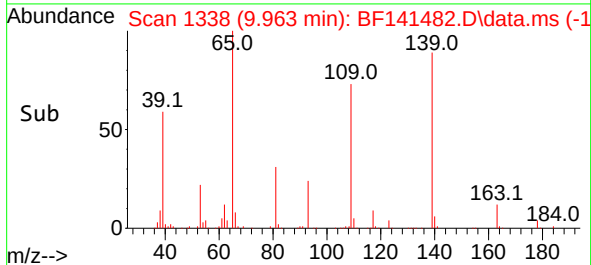
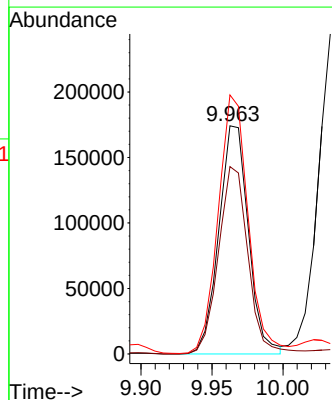
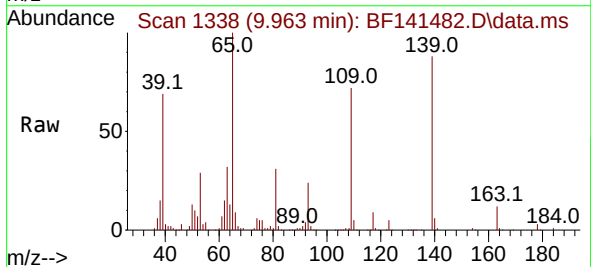
Instrument :
BNA_F
ClientSampleId :
PB166468BS

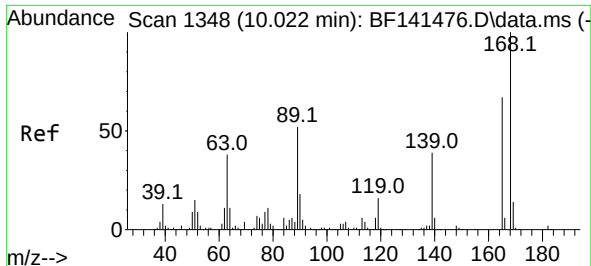
Tgt Ion:168 Resp: 778233
Ion Ratio Lower Upper
168 100
139 41.5 32.7 49.1
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 104.148 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

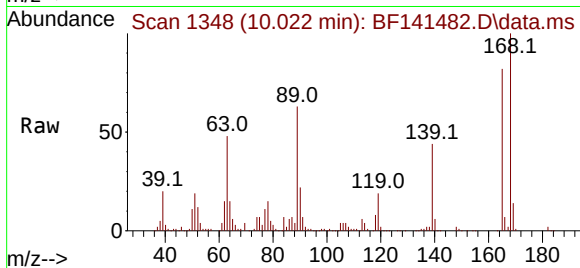
Tgt Ion:139 Resp: 252242
Ion Ratio Lower Upper
139 100
109 82.1 62.0 102.0
65 113.5 91.2 131.2



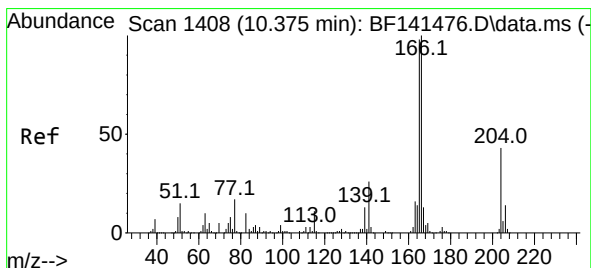
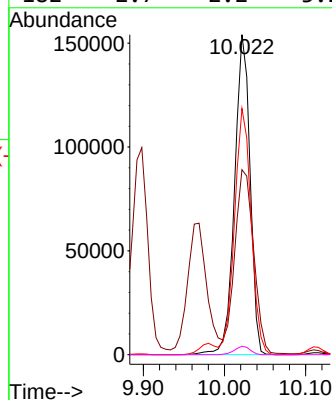
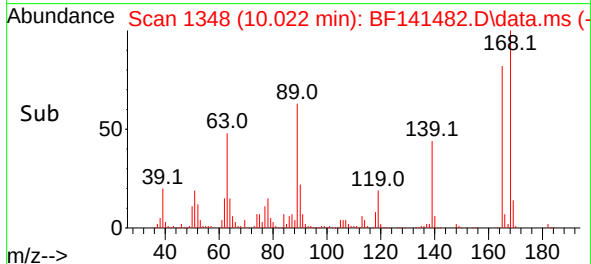


#57
2,4-Dinitrotoluene
Concen: 50.574 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

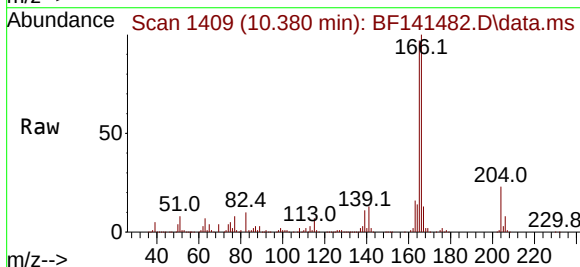
Instrument :
BNA_F
ClientSampleId :
PB166468BS



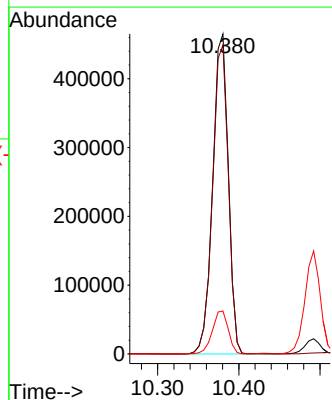
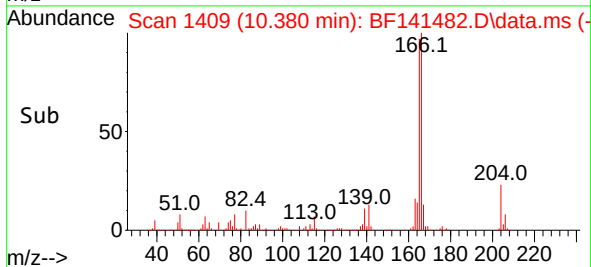
Tgt Ion:165 Resp: 204086
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 77.0 61.8 92.6
182 2.7 2.2 3.2

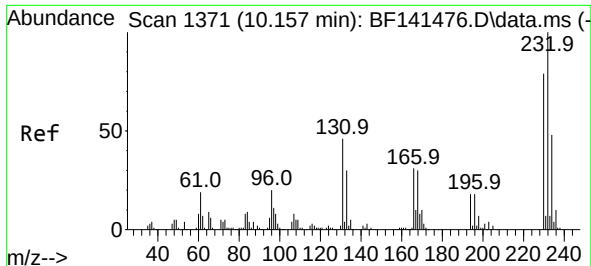


#58
Fluorene
Concen: 46.928 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



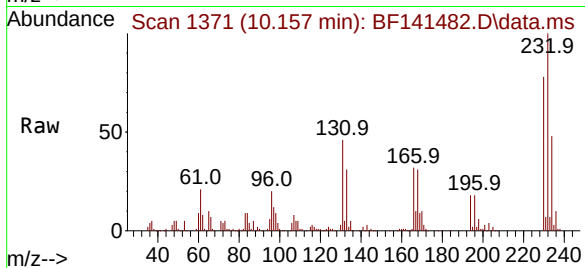
Tgt Ion:166 Resp: 623639
Ion Ratio Lower Upper
166 100
165 96.6 78.2 117.2
167 13.4 10.7 16.1



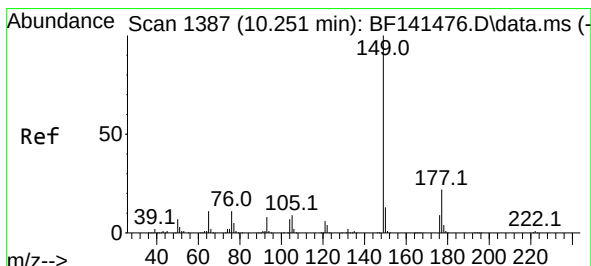
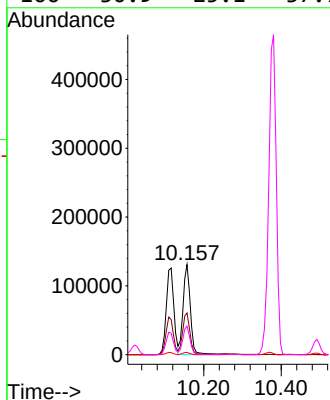
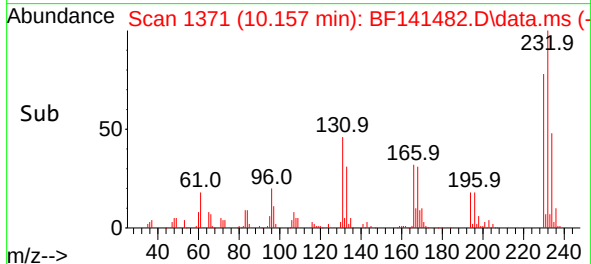


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.449 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

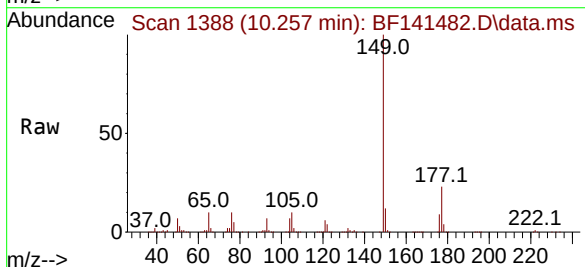
Instrument :
BNA_F
ClientSampleId :
PB166468BS



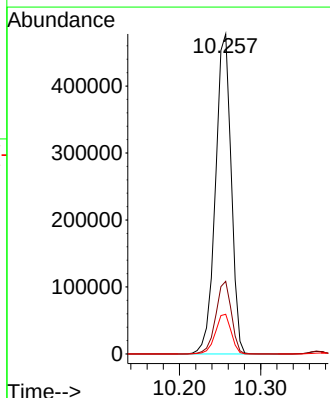
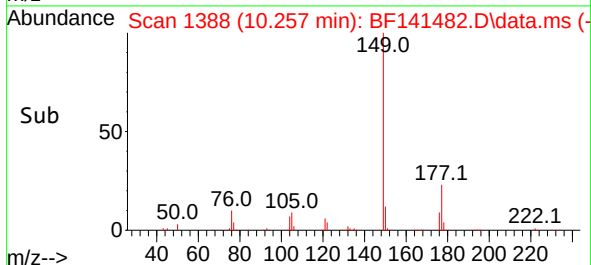
Tgt Ion:232 Resp: 172657
Ion Ratio Lower Upper
232 100
131 46.6 39.2 58.8
130 2.5 2.1 3.1
166 30.9 25.1 37.7

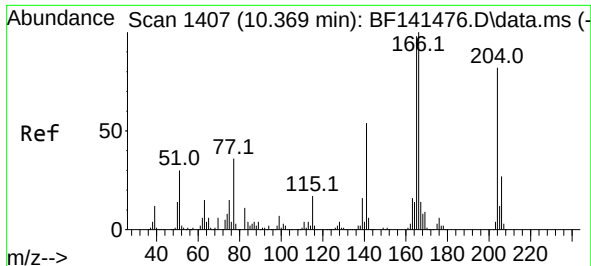


#60
Diethylphthalate
Concen: 47.032 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09



Tgt Ion:149 Resp: 641660
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.6
150 12.4 10.1 15.1

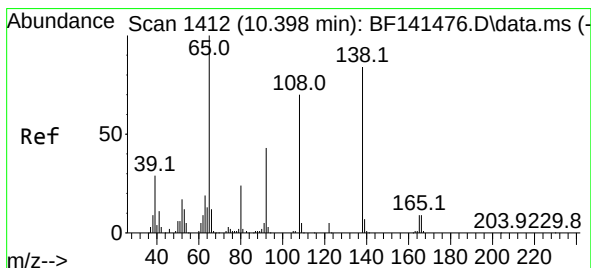
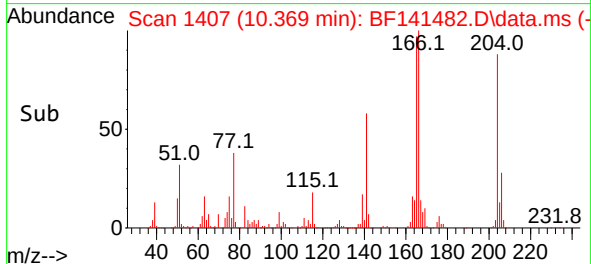
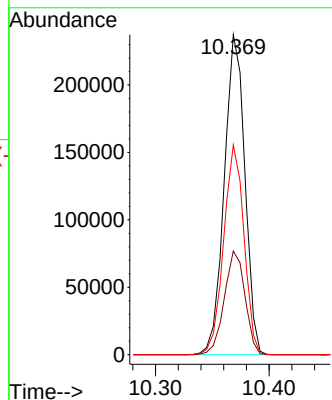
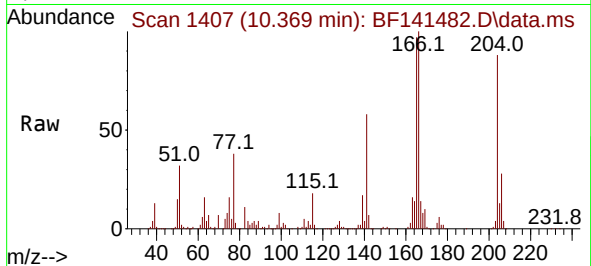




#61
4-Chlorophenyl-phenylether
Concen: 46.770 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

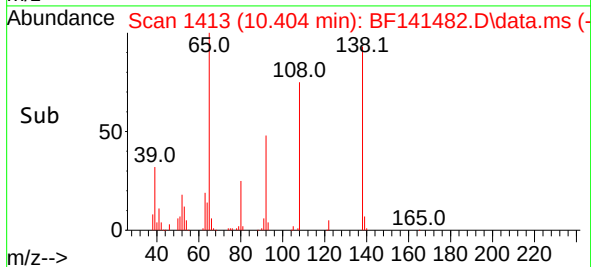
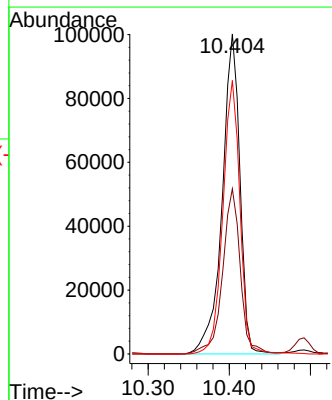
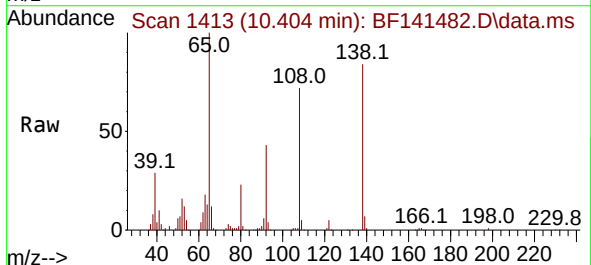
Instrument :
BNA_F
ClientSampleId :
PB166468BS

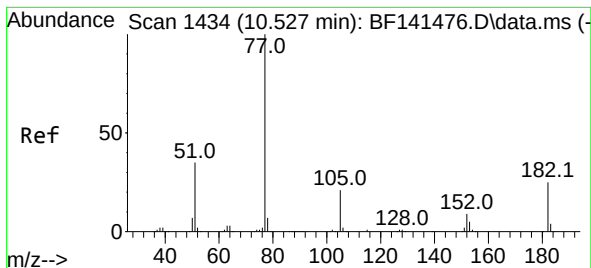
Tgt Ion:204 Resp: 299014
Ion Ratio Lower Upper
204 100
206 32.4 26.6 40.0
141 65.6 51.9 77.9



#62
4-Nitroaniline
Concen: 46.007 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:138 Resp: 152415
Ion Ratio Lower Upper
138 100
92 51.6 31.3 71.3
108 85.5 63.7 103.7





#63

Azobenzene

Concen: 46.047 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 77 Resp: 624528

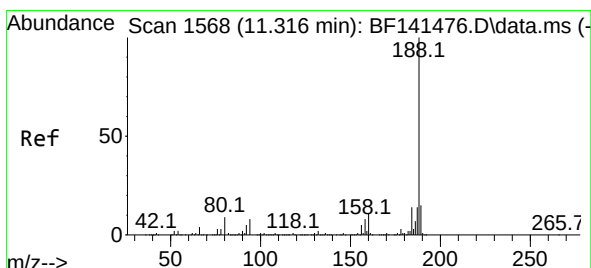
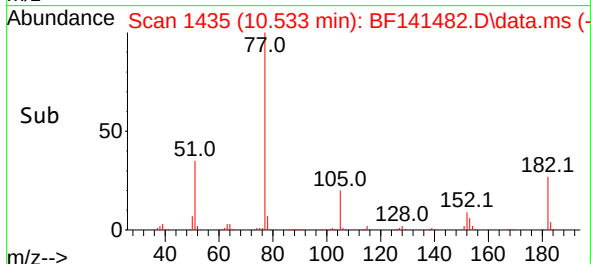
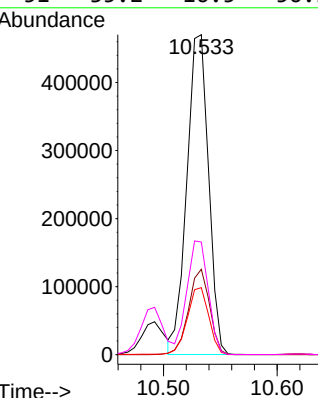
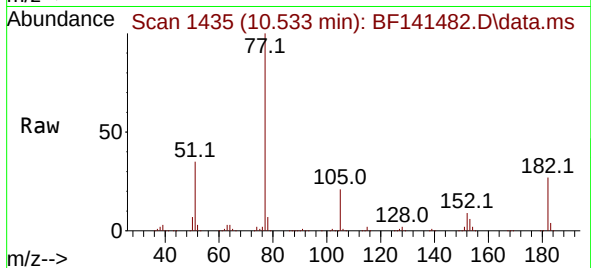
Ion Ratio Lower Upper

77 100

182 26.7 4.7 44.7

105 21.0 0.4 40.4

51 35.2 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1568

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

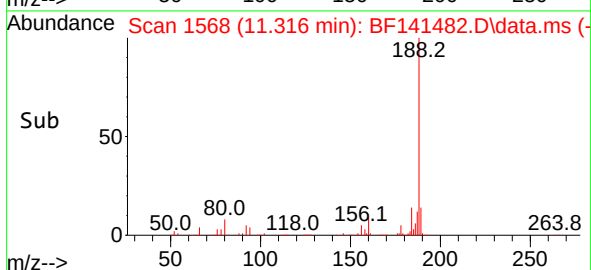
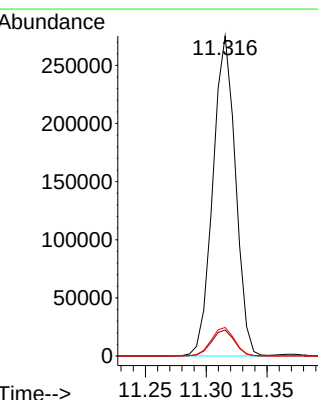
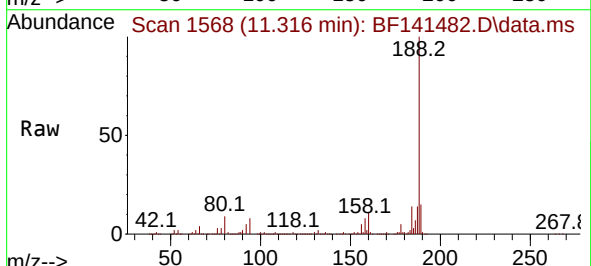
Tgt Ion:188 Resp: 356168

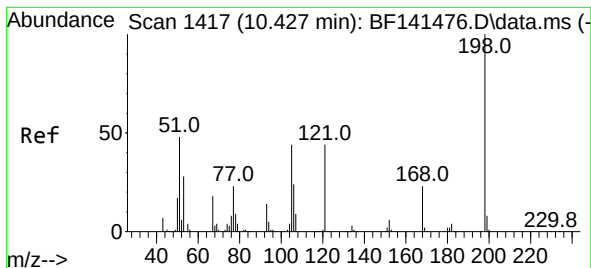
Ion Ratio Lower Upper

188 100

94 8.1 6.6 10.0

80 8.9 7.3 10.9

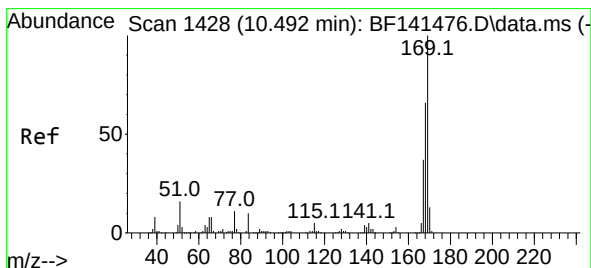
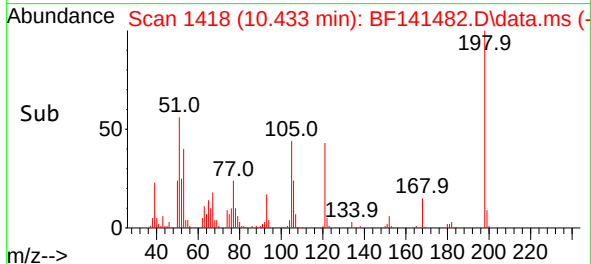
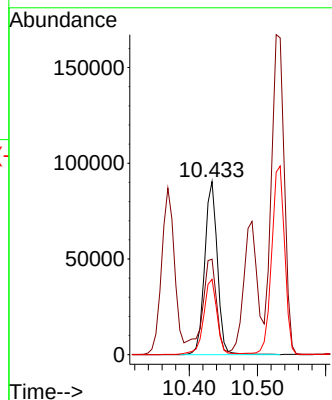
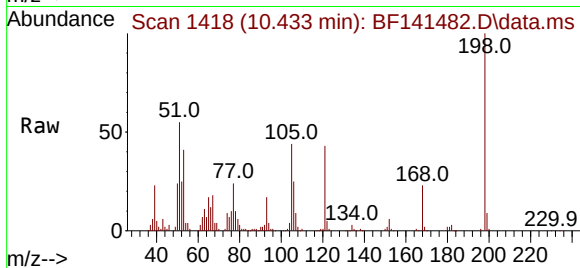




#65
4,6-Dinitro-2-methylphenol
Concen: 47.439 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

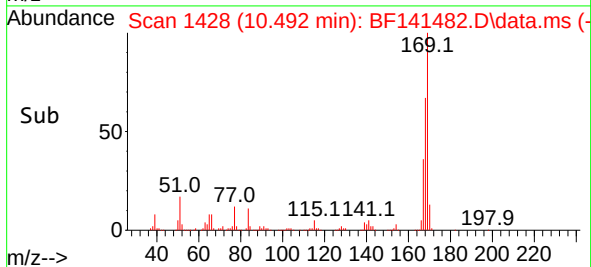
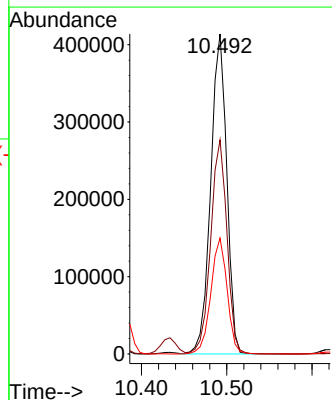
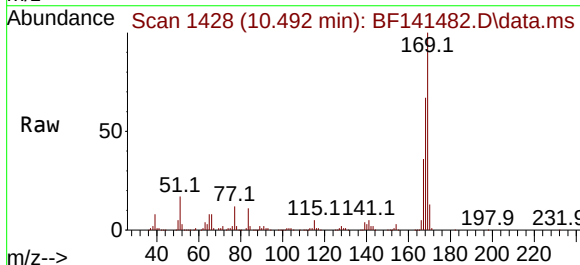
Instrument :
BNA_F
ClientSampleId :
PB166468BS

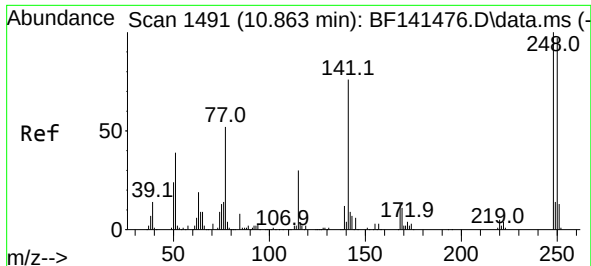
Tgt Ion:198 Resp: 117371
Ion Ratio Lower Upper
198 100
51 55.1 37.4 77.4
105 43.5 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.471 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:169 Resp: 541228
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 36.2 29.4 44.2

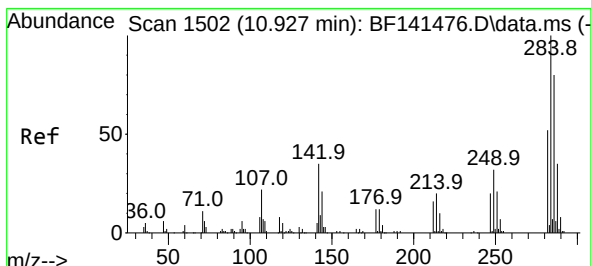
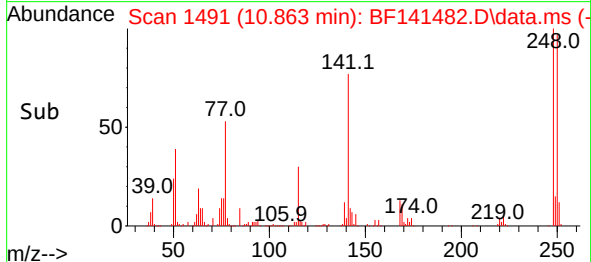
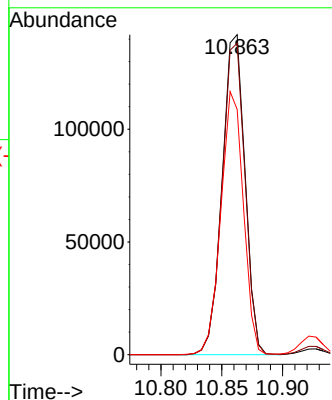
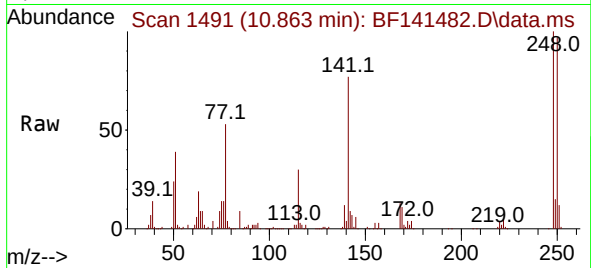




#67
4-Bromophenyl-phenylether
Concen: 46.775 ng
RT: 10.863 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

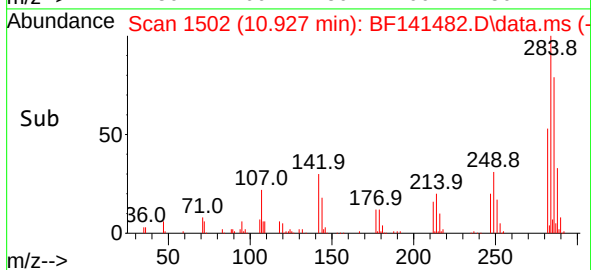
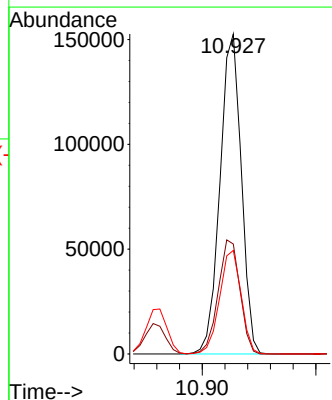
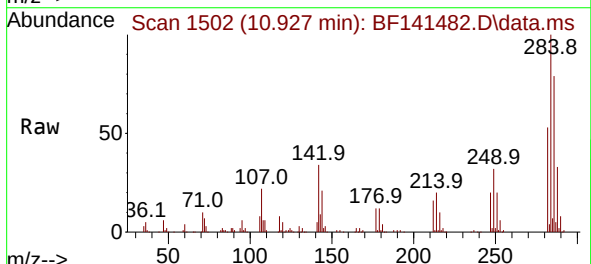
Instrument :
BNA_F
ClientSampleId :
PB166468BS

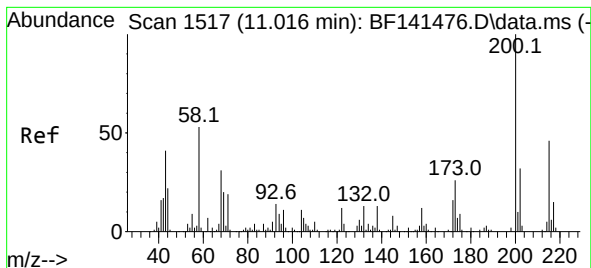
Tgt Ion:248 Resp: 186193
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.6
141 76.6 60.6 90.8



#68
Hexachlorobenzene
Concen: 48.522 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:284 Resp: 198890
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 32.3 25.8 38.8





#69

Atrazine

Concen: 62.456 ng

RT: 11.021 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

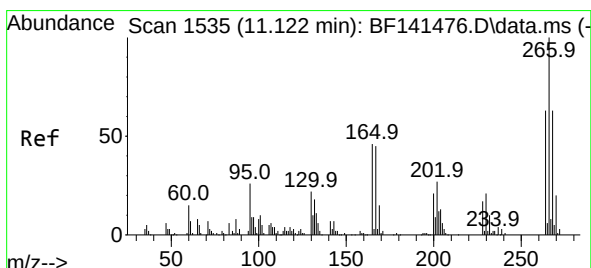
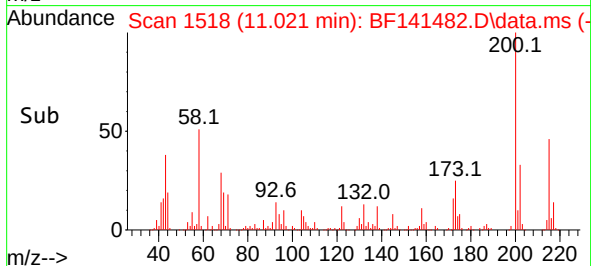
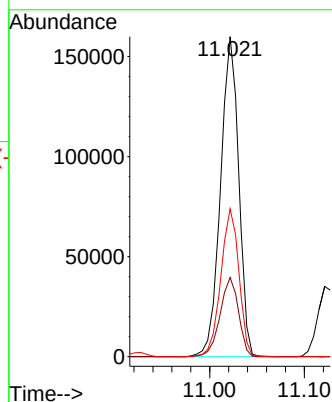
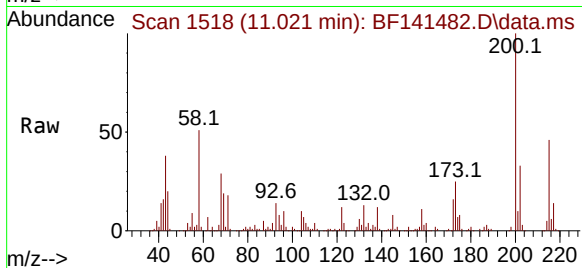
Tgt Ion:200 Resp: 213623

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

215 46.2 25.9 65.9



#70

Pentachlorophenol

Concen: 95.888 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

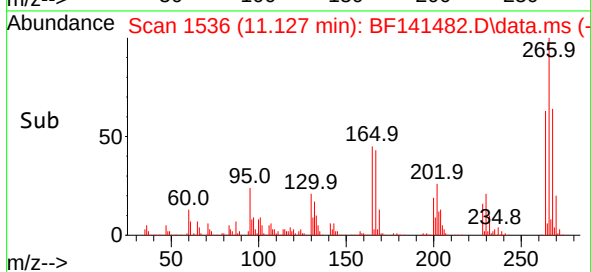
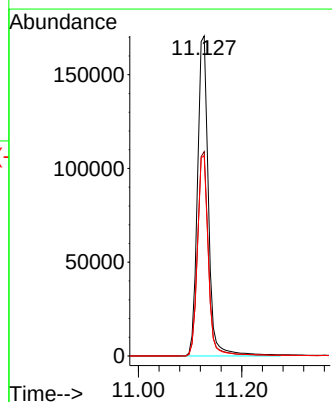
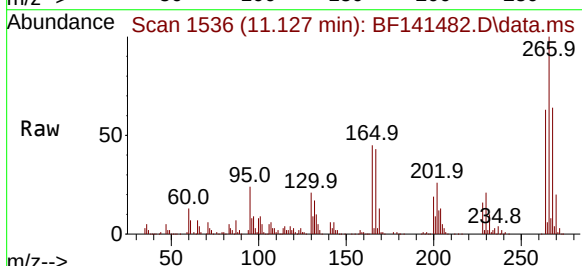
Tgt Ion:266 Resp: 251321

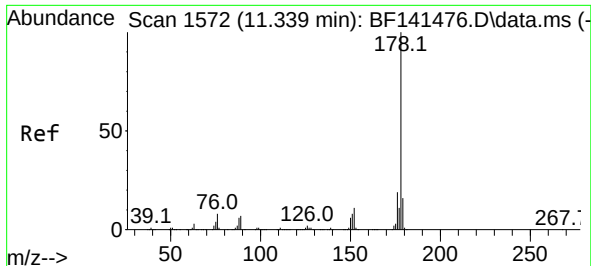
Ion Ratio Lower Upper

266 100

268 63.9 50.1 75.1

264 62.6 50.1 75.1

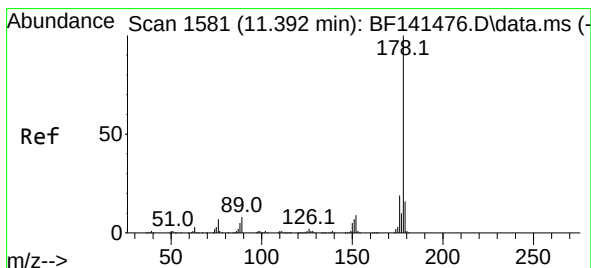
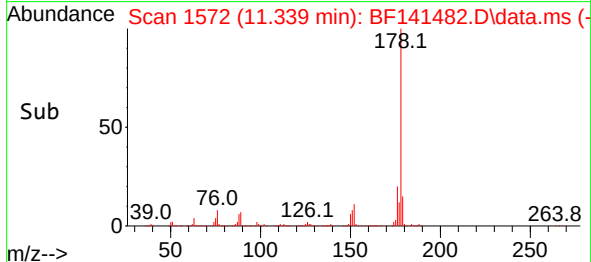
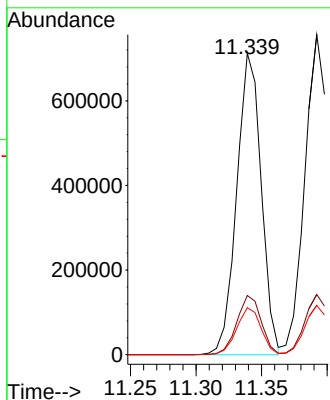
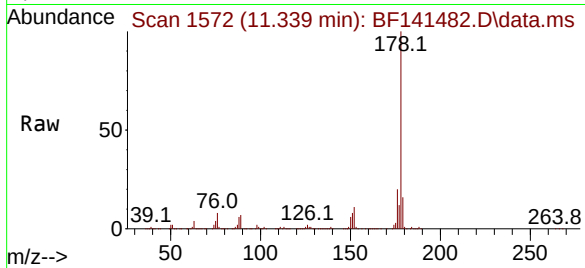




#71
Phenanthrene
Concen: 47.206 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

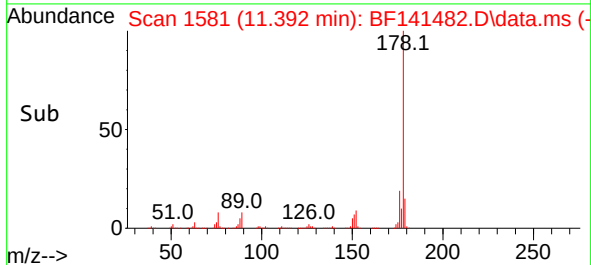
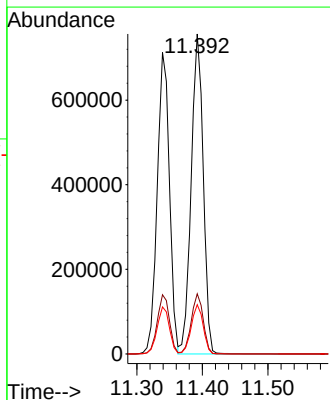
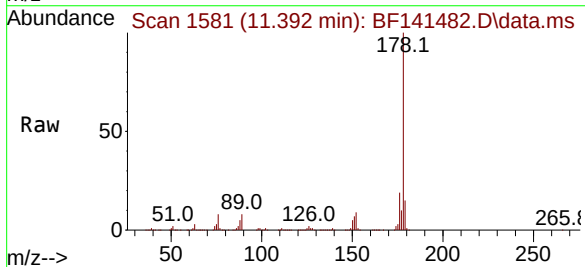
Instrument :
BNA_F
ClientSampleId :
PB166468BS

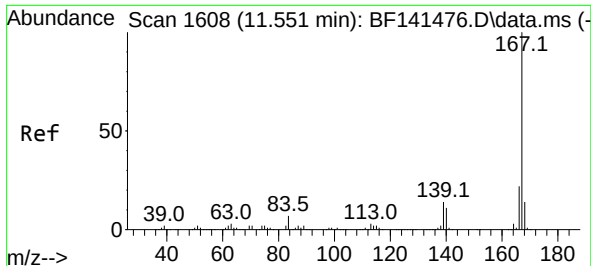
Tgt Ion:178 Resp: 925505
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 49.020 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:178 Resp: 966105
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.4 12.4 18.6

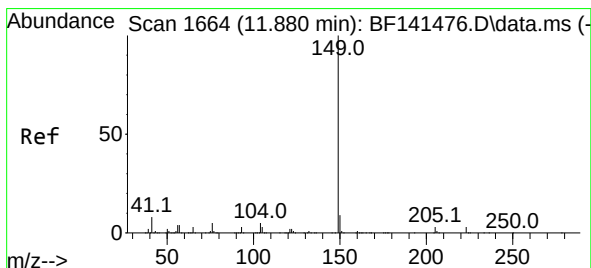
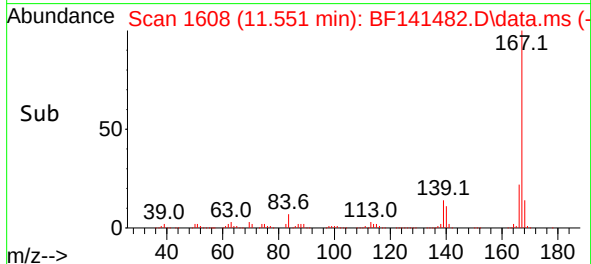
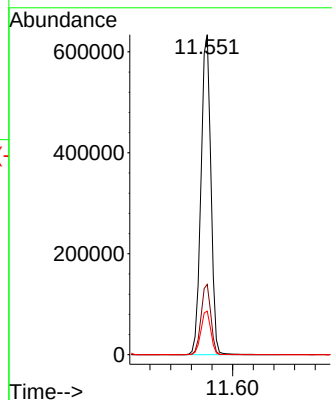
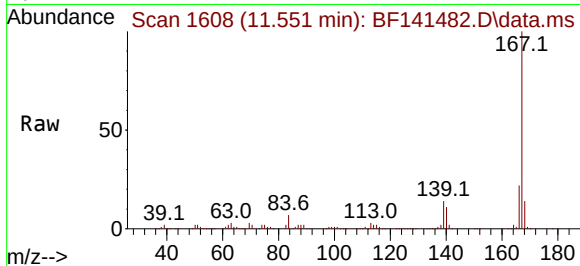




#73
 Carbazole
 Concen: 47.464 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

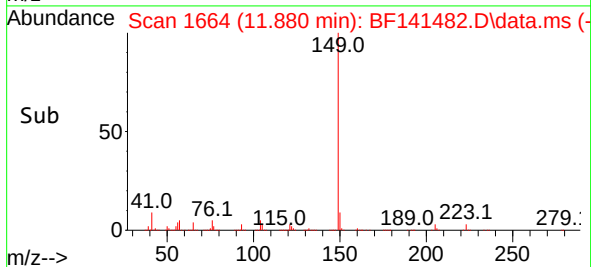
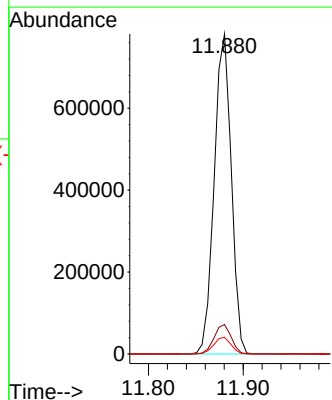
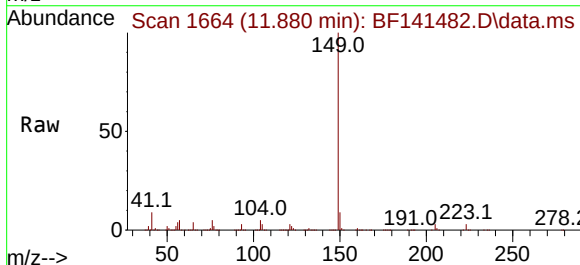
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

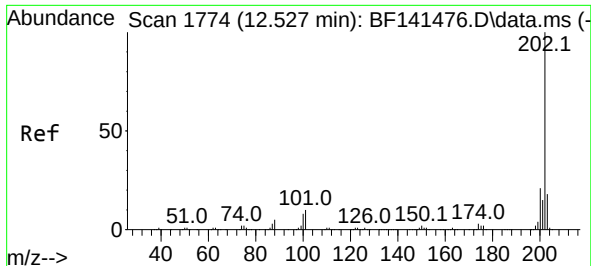
Tgt Ion:167 Resp: 841691
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 47.838 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Tgt Ion:149 Resp: 979522
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.2 4.2 6.2

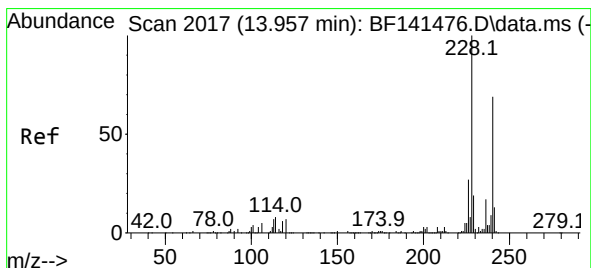
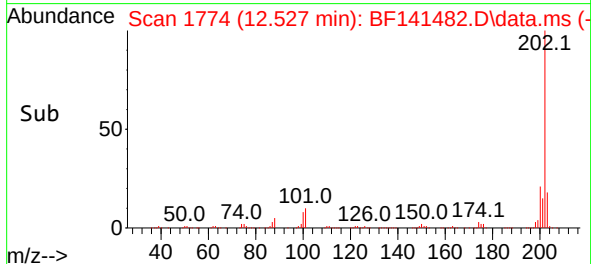
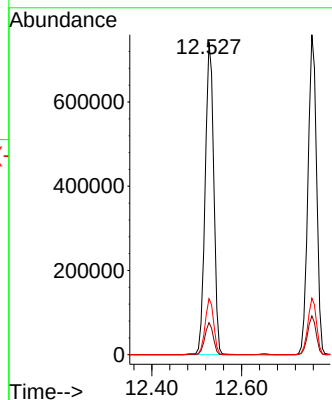
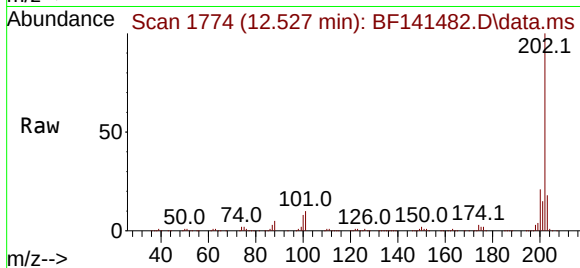




#75
Fluoranthene
Concen: 47.252 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

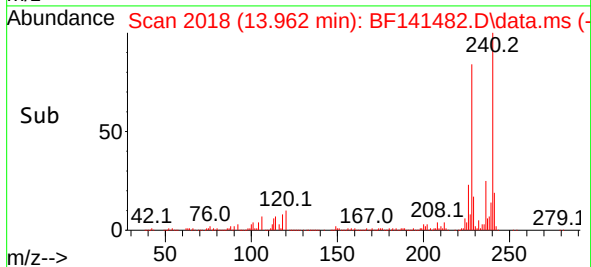
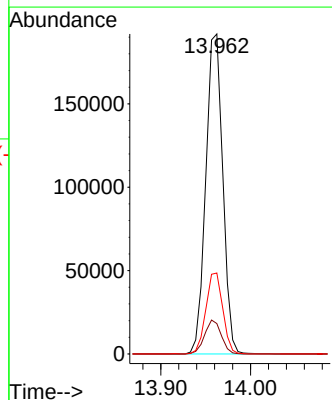
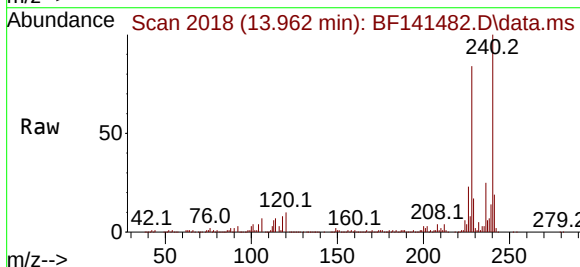
Instrument :
BNA_F
ClientSampleId :
PB166468BS

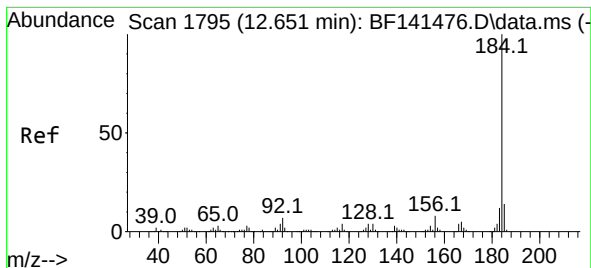
Tgt Ion:202 Resp: 982157
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.2
203 17.9 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:240 Resp: 252550
Ion Ratio Lower Upper
240 100
120 9.5 8.0 12.0
236 25.3 19.8 29.8





#77

Benzidine

Concen: 64.195 ng

RT: 12.651 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

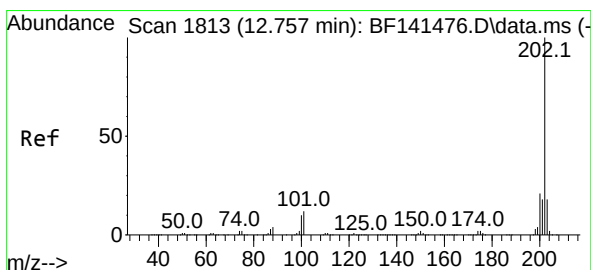
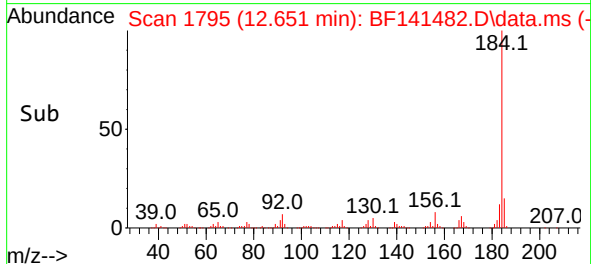
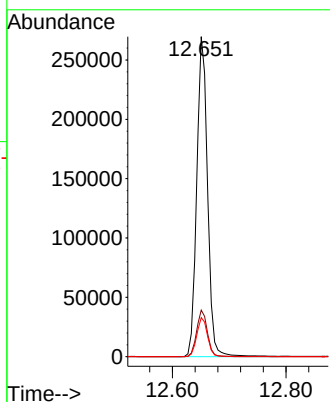
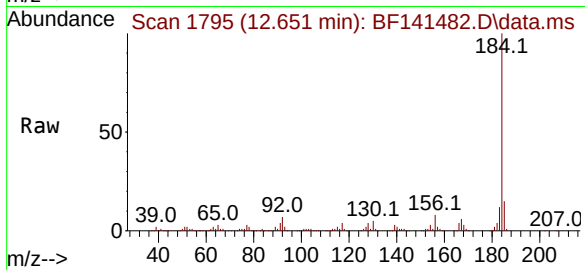
Tgt Ion:184 Resp: 357554

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

183 12.2 9.3 13.9



#78

Pyrene

Concen: 47.008 ng

RT: 12.757 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

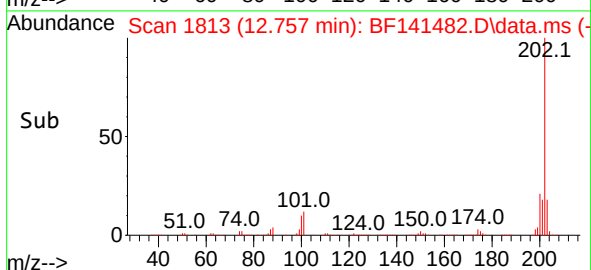
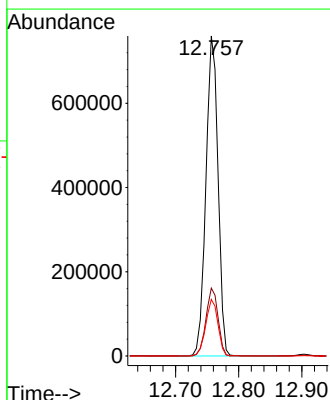
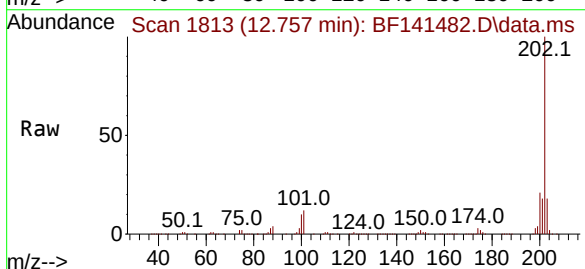
Tgt Ion:202 Resp: 1010616

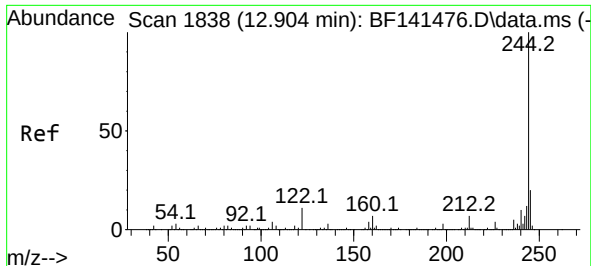
Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.4

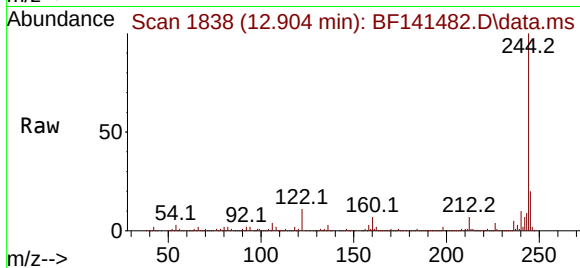
203 17.7 14.3 21.5





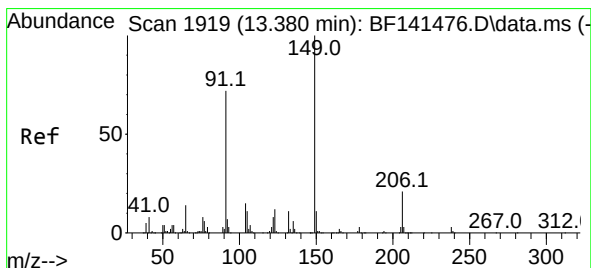
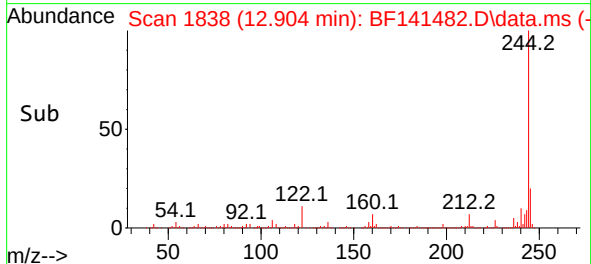
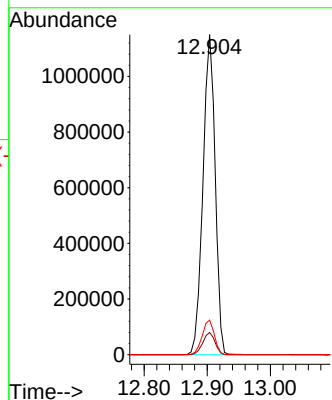
#79
 Terphenyl-d14
 Concen: 103.459 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS



Tgt Ion:244 Resp: 1547747

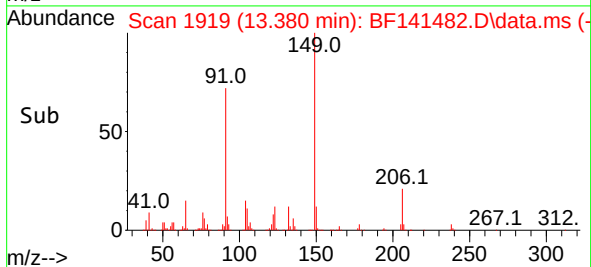
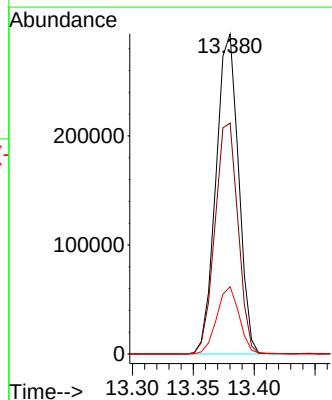
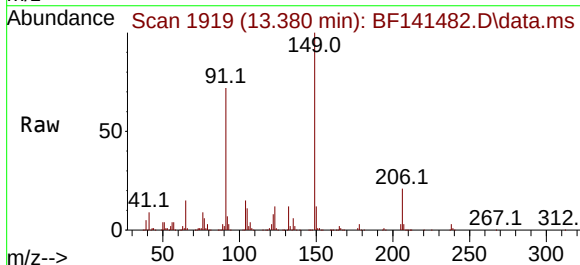
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.8	8.4	12.6

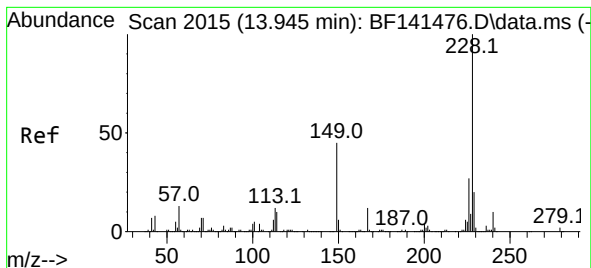


#80
 Butylbenzylphthalate
 Concen: 50.934 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Tgt Ion:149 Resp: 379285

Ion	Ratio	Lower	Upper
149	100		
91	72.1	57.8	86.8
206	21.0	16.7	25.1





#81

Benzo(a)anthracene

Concen: 48.325 ng

RT: 13.951 min Scan# 2015

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

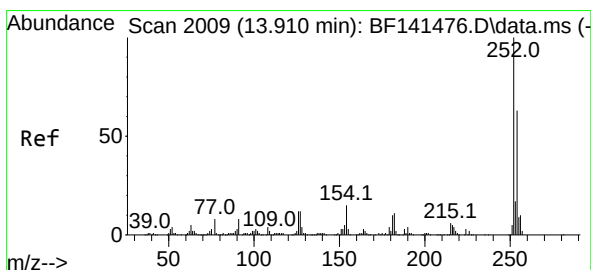
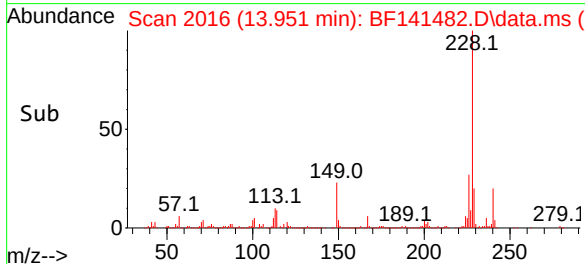
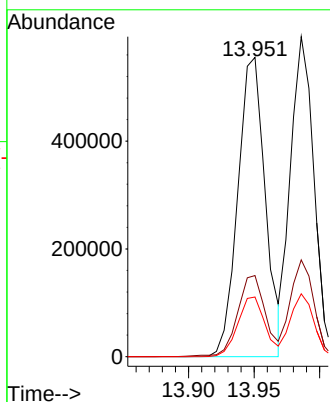
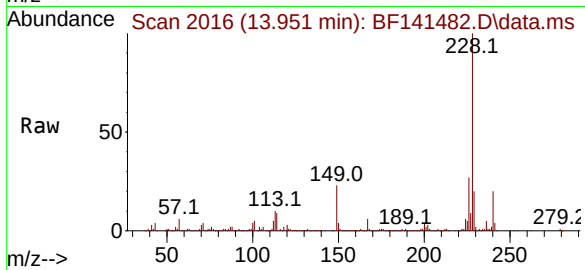
Tgt Ion:228 Resp: 811273

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 36.404 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

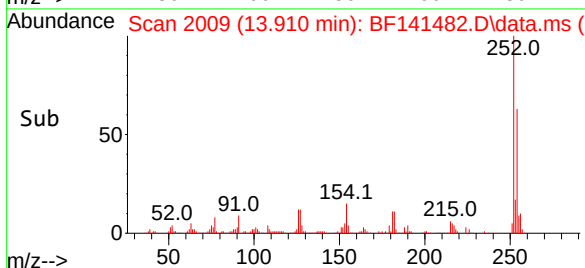
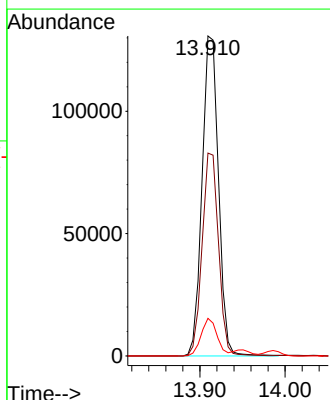
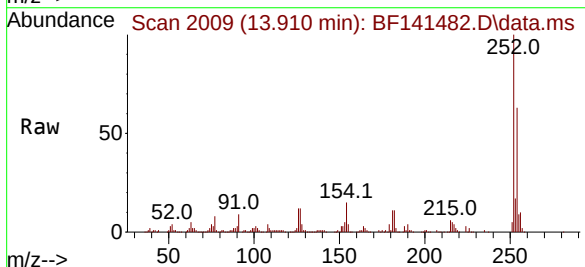
Tgt Ion:252 Resp: 175065

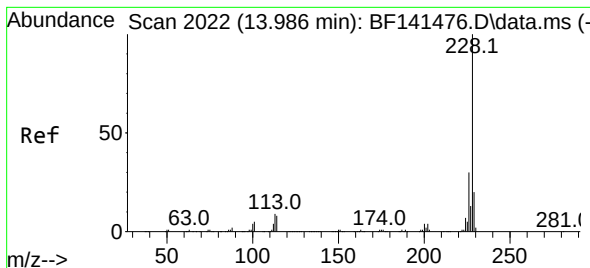
Ion Ratio Lower Upper

252 100

254 63.4 50.6 76.0

126 11.8 9.3 13.9





#83

Chrysene

Concen: 47.563 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

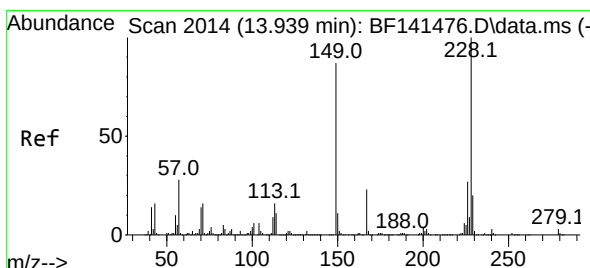
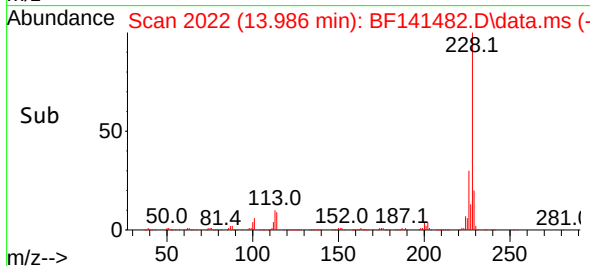
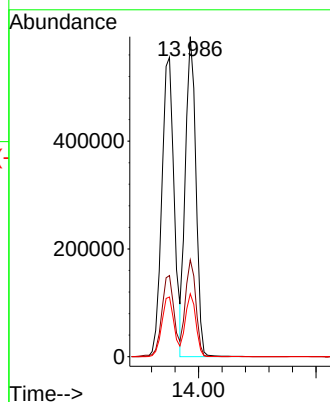
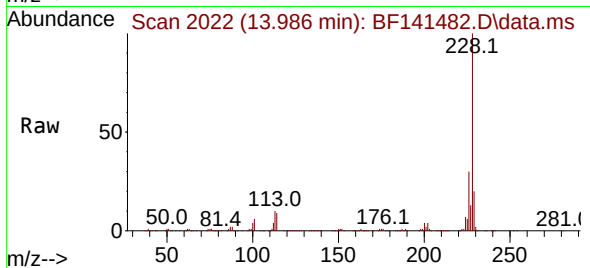
Tgt Ion:228 Resp: 737272

Ion Ratio Lower Upper

228 100

226 30.3 24.0 36.0

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.540 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

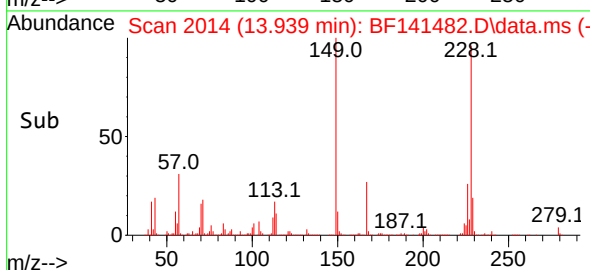
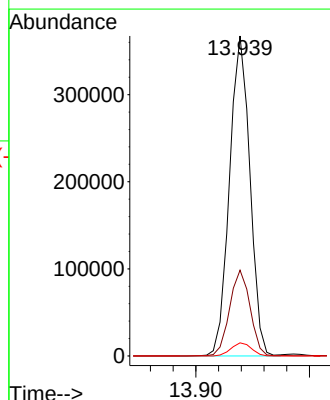
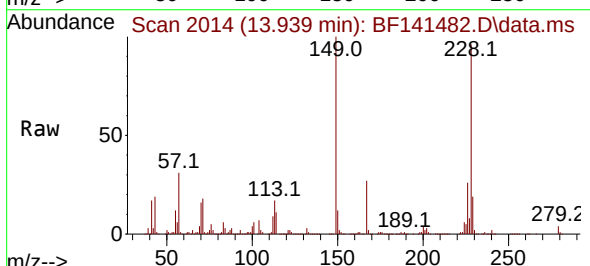
Tgt Ion:149 Resp: 458061

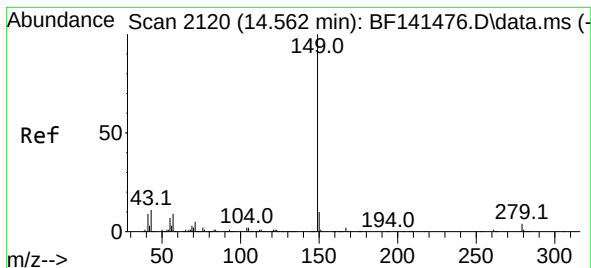
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 53.850 ng

RT: 14.562 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

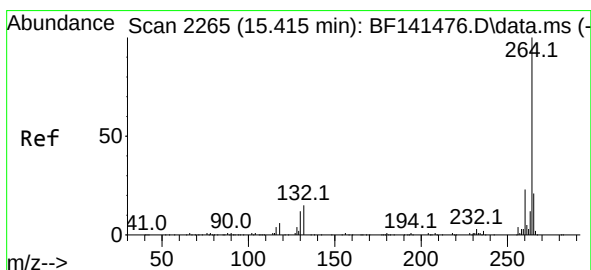
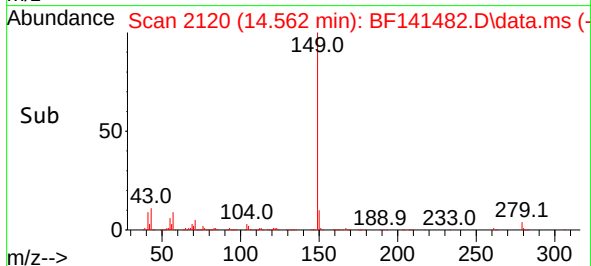
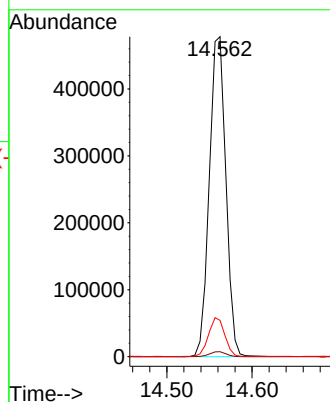
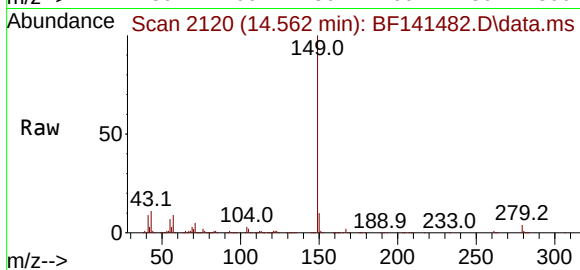
Tgt Ion:149 Resp: 645190

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.9 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.000 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

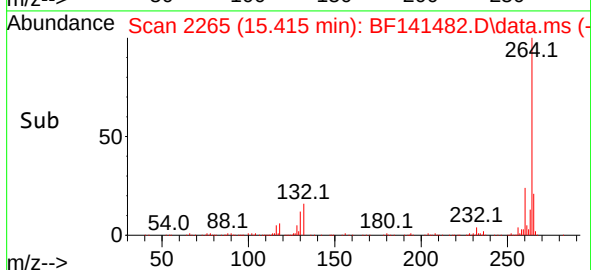
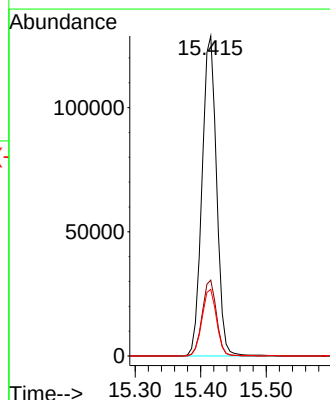
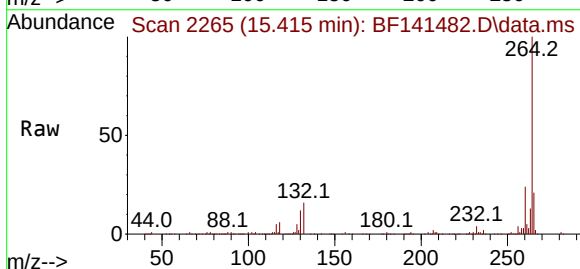
Tgt Ion:264 Resp: 198967

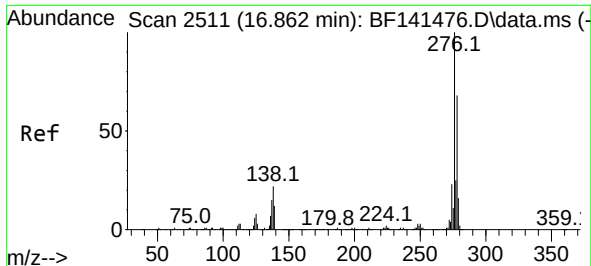
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 20.8 17.0 25.4

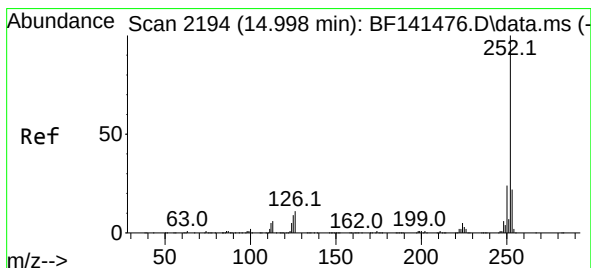
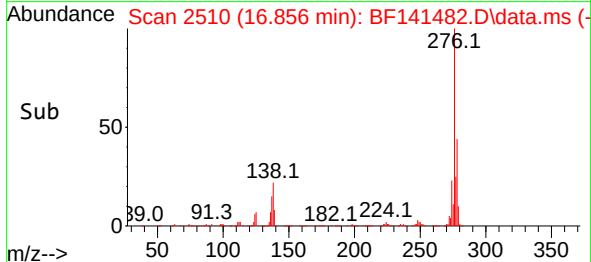
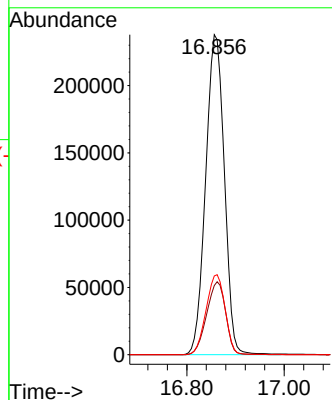
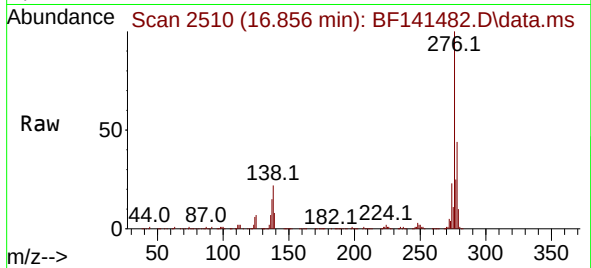




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.471 ng
 RT: 16.856 min Scan# 2511
 Delta R.T. -0.018 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

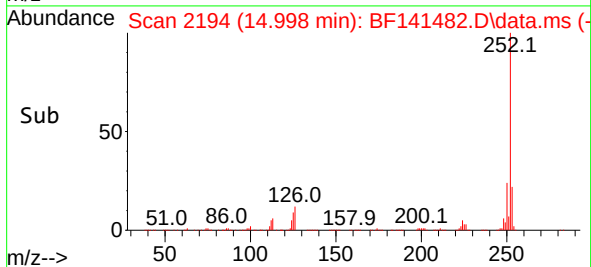
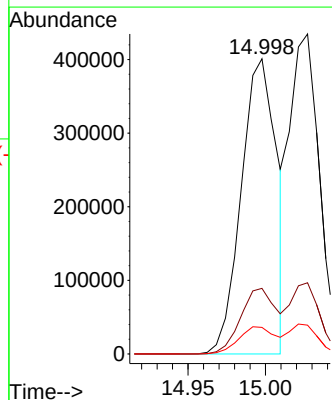
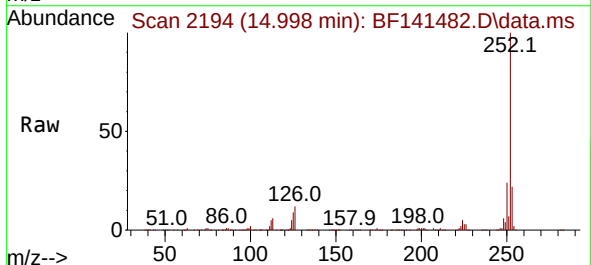
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

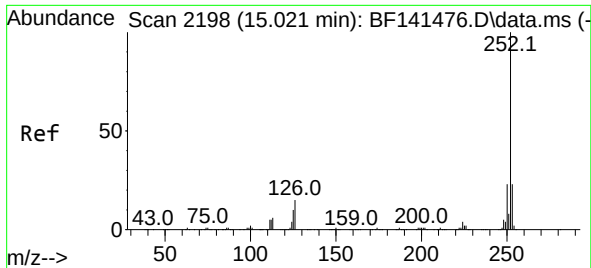
Tgt Ion:276 Resp: 632786
 Ion Ratio Lower Upper
 276 100
 138 23.2 18.0 27.0
 277 25.4 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 47.671 ng
 RT: 14.998 min Scan# 2194
 Delta R.T. -0.006 min
 Lab File: BF141482.D
 Acq: 06 Feb 2025 16:09

Tgt Ion:252 Resp: 636864
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.0 7.0 10.6

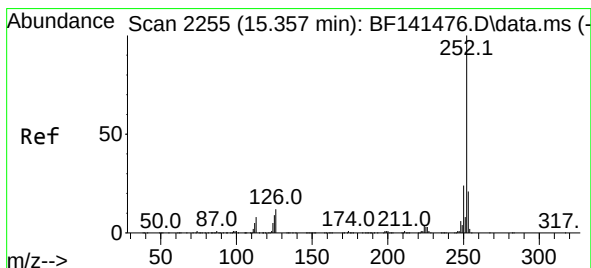
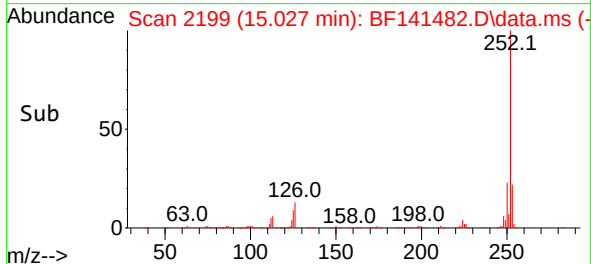
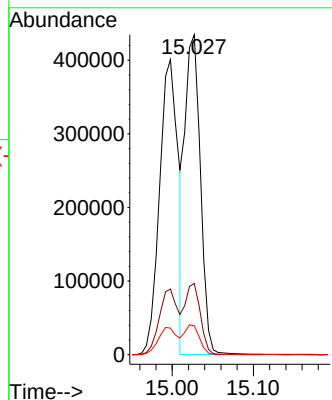
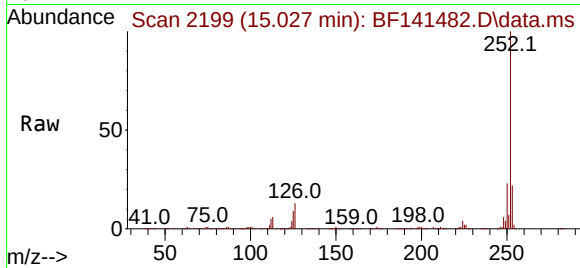




#89
Benzo(k)fluoranthene
Concen: 50.531 ng
RT: 15.027 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

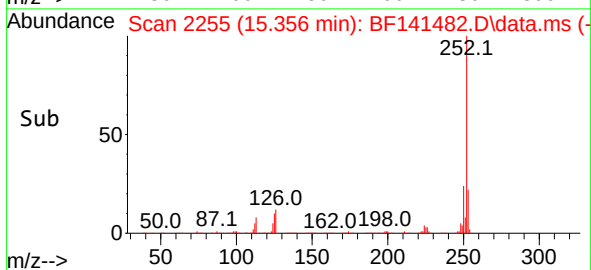
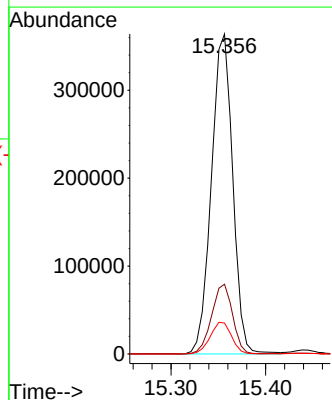
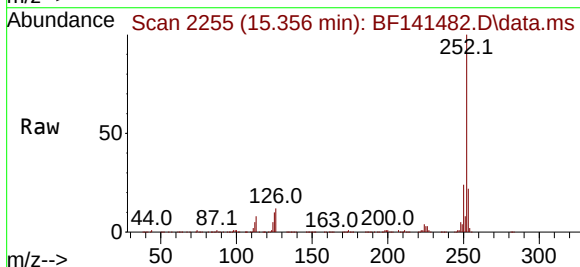
Instrument :
BNA_F
ClientSampleId :
PB166468BS

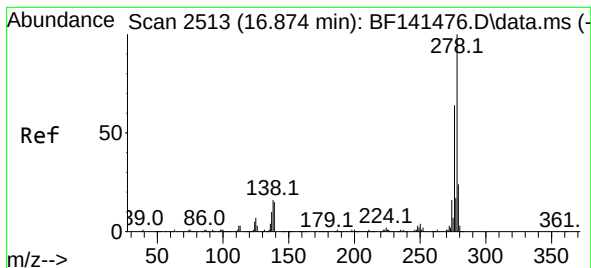
Tgt Ion:252 Resp: 576450
Ion Ratio Lower Upper
252 100
253 22.3 18.0 27.0
125 9.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 52.669 ng
RT: 15.356 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF141482.D
Acq: 06 Feb 2025 16:09

Tgt Ion:252 Resp: 569359
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 9.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 51.584 ng

RT: 16.874 min Scan# 2513

Delta R.T. -0.018 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Instrument :

BNA_F

ClientSampleId :

PB166468BS

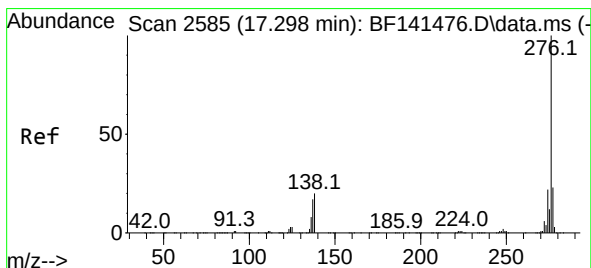
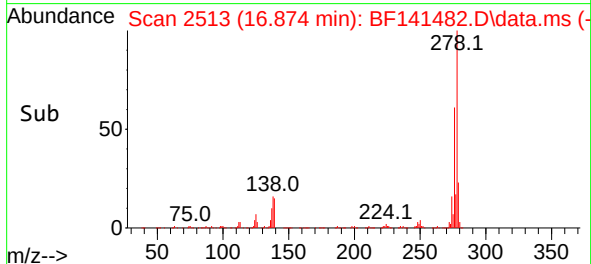
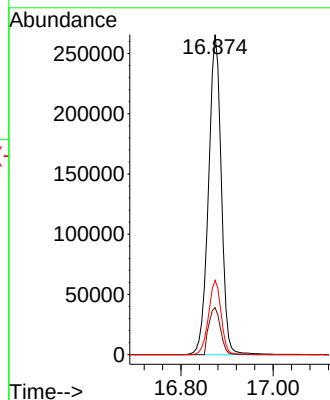
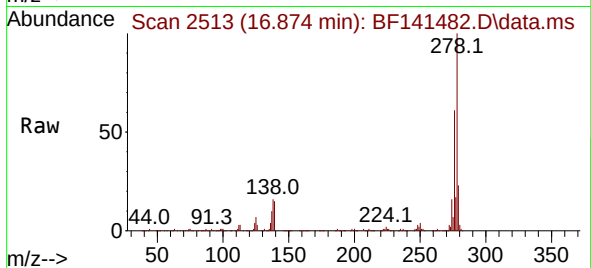
Tgt Ion:278 Resp: 513861

Ion Ratio Lower Upper

278 100

139 14.7 11.8 17.6

279 23.2 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 47.762 ng

RT: 17.292 min Scan# 2584

Delta R.T. -0.024 min

Lab File: BF141482.D

Acq: 06 Feb 2025 16:09

Tgt Ion:276 Resp: 497892

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 20.2 15.9 23.9

