

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141483.D
 Acq On : 06 Feb 2025 16:36
 Operator : RC/JU
 Sample : PB166468BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

Quant Time: Feb 06 17:28:22 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	6.787	152	89900	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	367036	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	206778	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	358845	20.000	ng	0.00
76) Chrysene-d12	13.957	240	272627	20.000	ng	0.00
86) Perylene-d12	15.415	264	215428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	520779	90.817	ng	0.00
7) Phenol-d6	6.428	99	653760	90.202	ng	-0.01
23) Nitrobenzene-d5	7.351	82	638627	90.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	189371	91.167	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1205300	89.803	ng	0.00
79) Terphenyl-d14	12.904	244	1451646	89.889	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	89902	38.953	ng	99
3) Pyridine	3.304	79	216330	39.390	ng	100
4) n-Nitrosodimethylamine	3.257	42	153918	42.325	ng	99
6) Aniline	6.451	93	251940	37.057	ng	99
8) 2-Chlorophenol	6.575	128	273377	44.120	ng	99
9) Benzaldehyde	6.340	77	212342	55.133	ng	99
10) Phenol	6.445	94	330765	43.848	ng	99
11) bis(2-Chloroethyl)ether	6.528	93	247323	43.650	ng	99
12) 1,3-Dichlorobenzene	6.728	146	279692	42.757	ng	99
13) 1,4-Dichlorobenzene	6.804	146	280440	41.960	ng	99
14) 1,2-Dichlorobenzene	6.957	146	271762	43.811	ng	99
15) Benzyl Alcohol	6.934	79	244174	43.932	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	424396	43.756	ng	84
17) 2-Methylphenol	7.051	107	213886	44.110	ng	98
18) Hexachloroethane	7.298	117	106264	42.961	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	191264	44.118	ng	99
20) 3+4-Methylphenols	7.204	107	279723	45.393	ng	96
22) Acetophenone	7.198	105	415763	45.537	ng	99
24) Nitrobenzene	7.375	77	290115	42.279	ng	99
25) Isophorone	7.610	82	520208	46.363	ng	99
26) 2-Nitrophenol	7.687	139	147203	43.118	ng	98
27) 2,4-Dimethylphenol	7.728	122	218065	54.677	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	310040	43.123	ng	99
29) 2,4-Dichlorophenol	7.934	162	231610	42.981	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	243255	41.454	ng	98
31) Naphthalene	8.092	128	785237	41.100	ng	100
32) Benzoic acid	7.863	122	197709	47.726	ng	99
33) 4-Chloroaniline	8.145	127	152454	22.855	ng	99
34) Hexachlorobutadiene	8.210	225	150337	42.675	ng	100
35) Caprolactam	8.516	113	48222	29.391	ng	98
36) 4-Chloro-3-methylphenol	8.634	107	264481	44.309	ng	98
37) 2-Methylnaphthalene	8.786	142	510592	41.069	ng	99
38) 1-Methylnaphthalene	8.881	142	498626	41.409	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	274009	45.803	ng	99
41) Hexachlorocyclopentadiene	8.939	237	308246	154.915	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	168953	43.697	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141483.D
 Acq On : 06 Feb 2025 16:36
 Operator : RC/JU
 Sample : PB166468BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

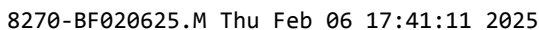
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

Quant Time: Feb 06 17:28:22 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	180713	43.126	ng	98
46) 1,1'-Biphenyl	9.251	154	738457	46.064	ng	99
47) 2-Chloronaphthalene	9.275	162	503741	42.494	ng	100
48) 2-Nitroaniline	9.375	65	174522	43.867	ng	98
49) Acenaphthylene	9.692	152	795831	45.135	ng	99
50) Dimethylphthalate	9.551	163	608071	43.317	ng	99
51) 2,6-Dinitrotoluene	9.616	165	134050	43.683	ng	99
52) Acenaphthene	9.863	154	504161	42.531	ng	100
53) 3-Nitroaniline	9.781	138	83582	25.306	ng	99
54) 2,4-Dinitrophenol	9.898	184	177003	97.050	ng	95
55) Dibenzofuran	10.033	168	721298	41.455	ng	100
56) 4-Nitrophenol	9.963	139	238975	97.468	ng	98
57) 2,4-Dinitrotoluene	10.022	165	193080	47.263	ng	98
58) Fluorene	10.375	166	577492	42.926	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	155945	43.226	ng	99
60) Diethylphthalate	10.251	149	596065	43.158	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	280329	43.313	ng	99
62) 4-Nitroaniline	10.404	138	139964	41.733	ng	100
63) Azobenzene	10.528	77	583393	42.490	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	113214	45.418	ng	94
66) n-Nitrosodiphenylamine	10.492	169	501045	43.619	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	175510	43.762	ng	96
68) Hexachlorobenzene	10.922	284	187578	45.421	ng	98
69) Atrazine	11.022	200	199322	57.840	ng	99
70) Pentachlorophenol	11.122	266	235159	89.053	ng	100
71) Phenanthrene	11.339	178	874464	44.270	ng	100
72) Anthracene	11.392	178	890846	44.864	ng	99
73) Carbazole	11.551	167	790327	44.235	ng	100
74) Di-n-butylphthalate	11.880	149	925802	44.877	ng	100
75) Fluoranthene	12.527	202	933273	44.565	ng	100
77) Benzidine	12.651	184	355064	59.053	ng	99
78) Pyrene	12.757	202	954862	41.144	ng	100
80) Butylbenzylphthalate	13.380	149	369557	45.973	ng	99
81) Benzo(a)anthracene	13.945	228	812744	44.847	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	171542	33.044	ng	100
83) Chrysene	13.986	228	713556	42.643	ng	99
84) Bis(2-ethylhexyl)phtha...	13.939	149	453122	49.979	ng	99
85) Di-n-octyl phthalate	14.563	149	659898	51.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.862	276	628876	47.245	ng	98
88) Benzo(b)fluoranthene	14.998	252	631813	43.679	ng	100
89) Benzo(k)fluoranthene	15.027	252	595384	48.202	ng	99
90) Benzo(a)pyrene	15.357	252	565702	48.332	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	513551	47.614	ng	99
92) Benzo(g,h,i)perylene	17.298	276	494669	43.827	ng	100

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

Quant Time: Feb 06 17:28:22 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

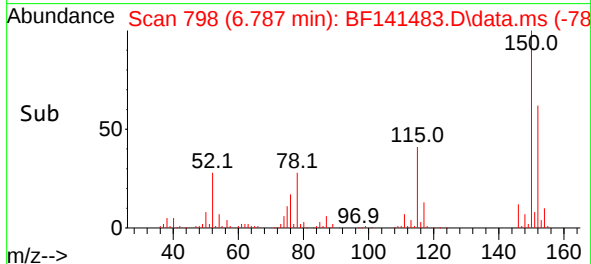
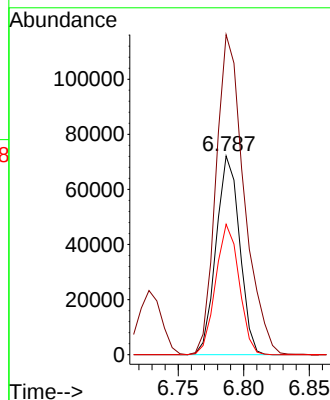
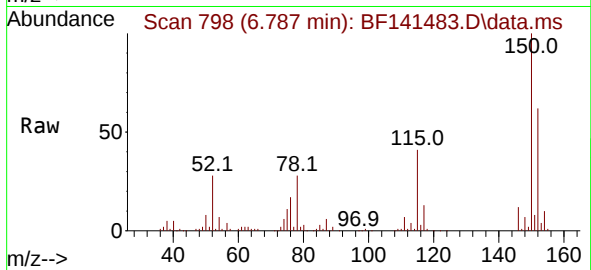




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

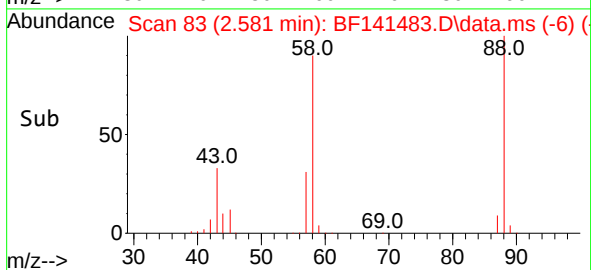
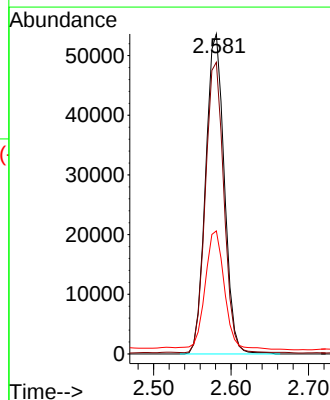
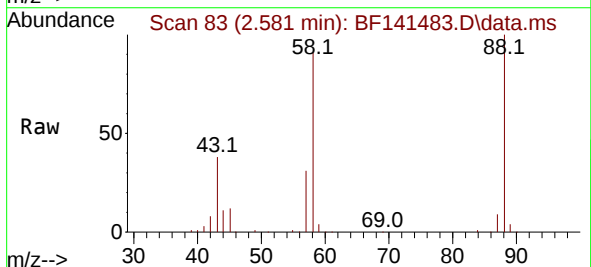
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

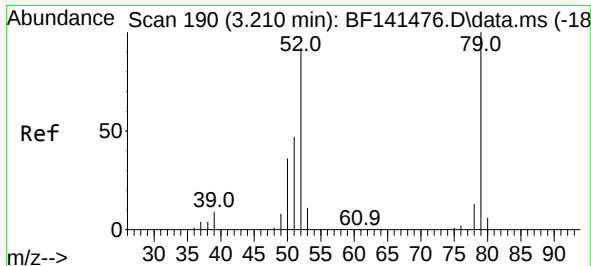
Tgt Ion:152 Resp: 89900
 Ion Ratio Lower Upper
 152 100
 150 161.1 125.0 187.4
 115 65.6 53.6 80.4



#2
 1,4-Dioxane
 Concen: 38.953 ng
 RT: 2.581 min Scan# 83
 Delta R.T. 0.100 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

Tgt Ion: 88 Resp: 89902
 Ion Ratio Lower Upper
 88 100
 58 90.1 71.1 106.7
 43 38.9 30.6 46.0





#3

Pyridine

Concen: 39.390 ng

RT: 3.304 min Scan# 206

Delta R.T. 0.088 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

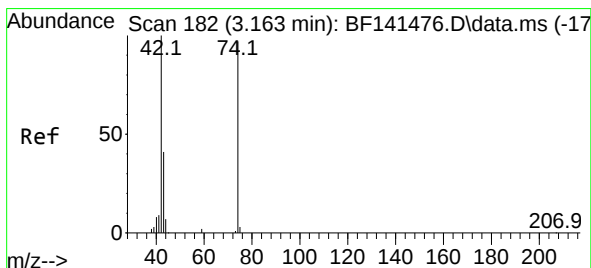
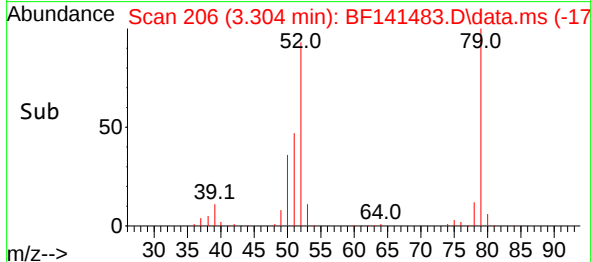
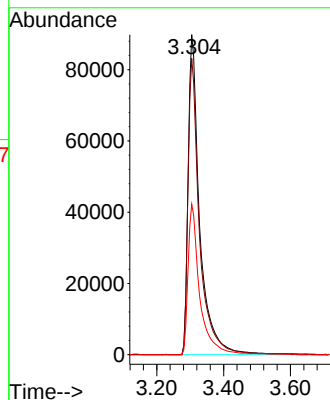
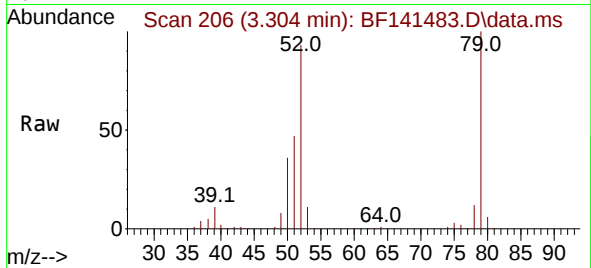
Tgt Ion: 79 Resp: 216330

Ion Ratio Lower Upper

79 100

52 92.6 73.7 110.5

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.325 ng

RT: 3.257 min Scan# 198

Delta R.T. 0.071 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

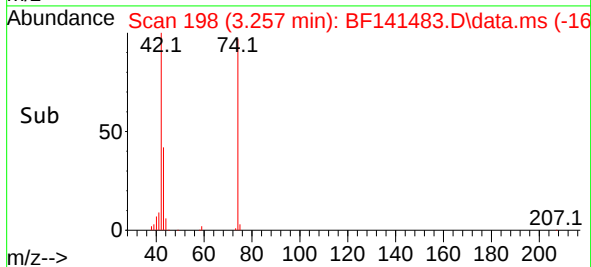
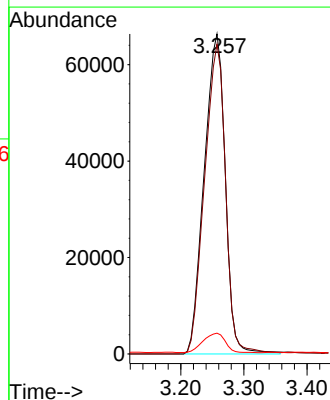
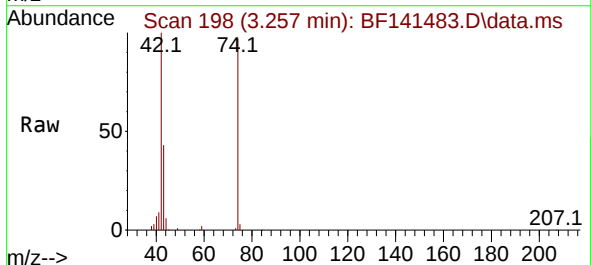
Tgt Ion: 42 Resp: 153918

Ion Ratio Lower Upper

42 100

74 96.8 78.0 117.0

44 6.5 5.4 8.2

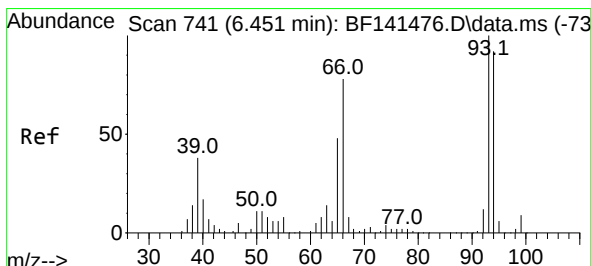
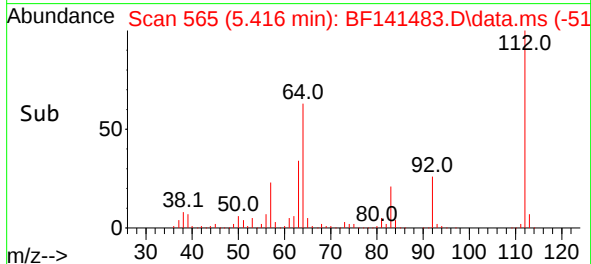
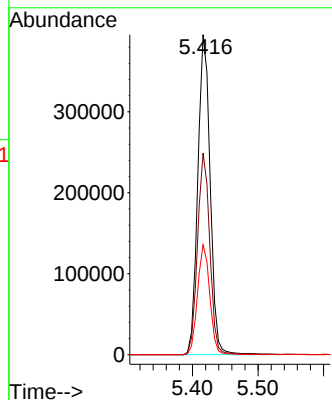
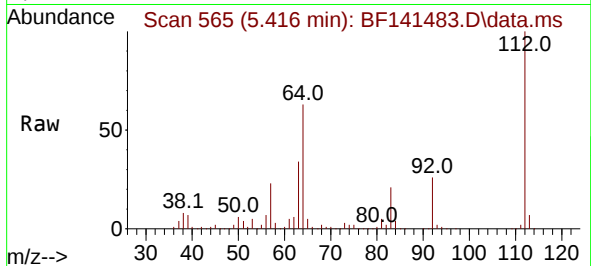




#5
2-Fluorophenol
Concen: 90.817 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

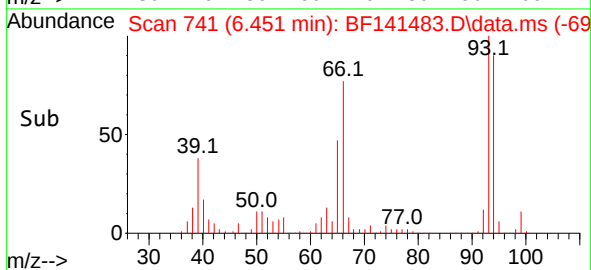
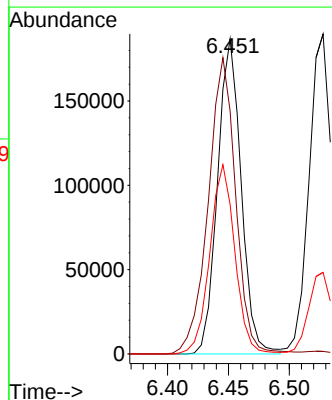
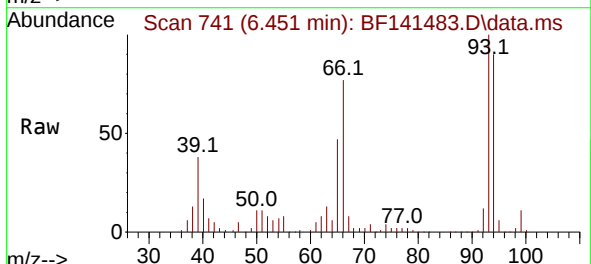
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:112 Resp: 520779
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 34.4 28.4 42.6



#6
Aniline
Concen: 37.057 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 93 Resp: 251940
Ion Ratio Lower Upper
93 100
66 77.1 62.6 94.0
65 47.5 38.3 57.5

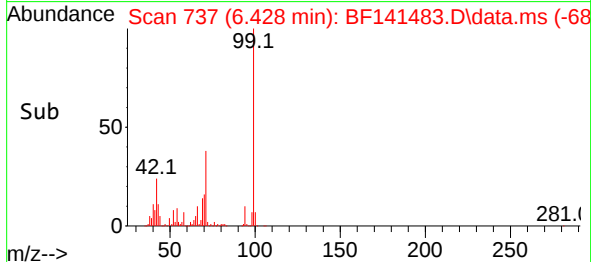
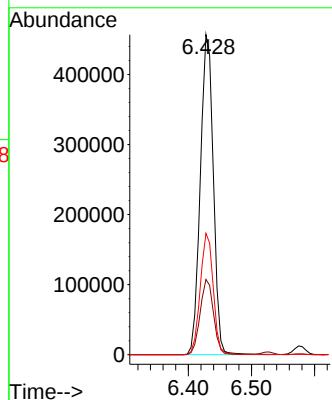
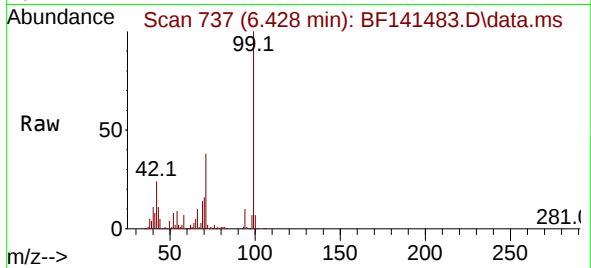




#7
Phenol-d6
Concen: 90.202 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

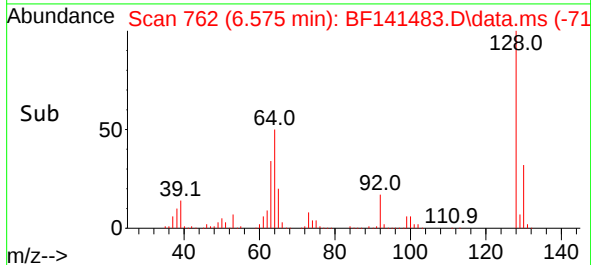
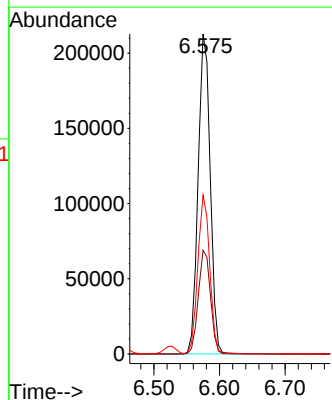
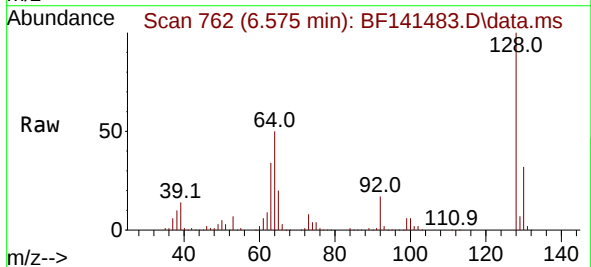
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 99 Resp: 653760
Ion Ratio Lower Upper
99 100
42 23.5 19.1 28.7
71 37.9 31.1 46.7



#8
2-Chlorophenol
Concen: 44.120 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 128 Resp: 273377
Ion Ratio Lower Upper
128 100
130 32.4 12.7 52.7
64 49.6 28.3 68.3





#9

Benzaldehyde

Concen: 55.133 ng

RT: 6.340 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

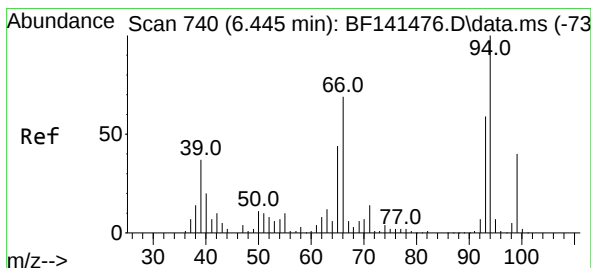
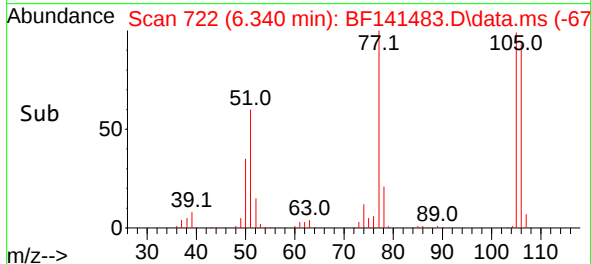
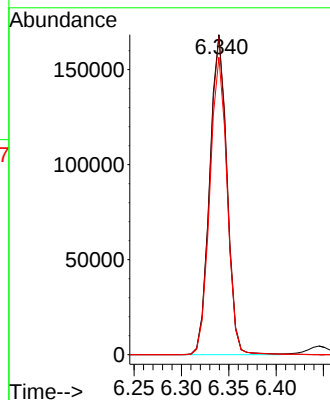
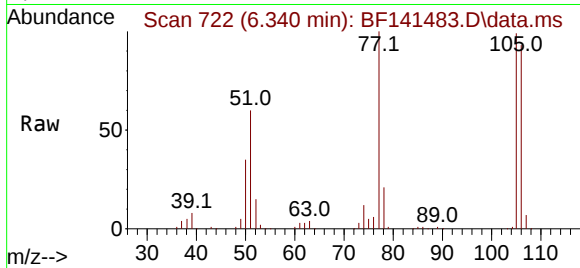
Tgt Ion: 77 Resp: 212342

Ion Ratio Lower Upper

77 100

105 99.5 79.4 119.4

106 92.9 75.1 115.1



#10

Phenol

Concen: 43.848 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.012 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

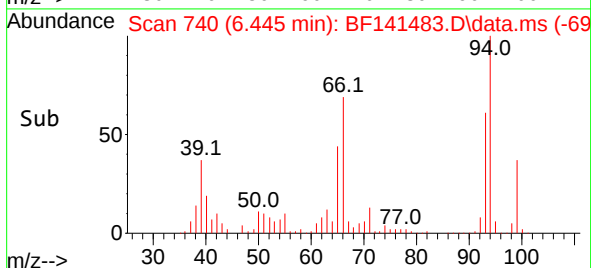
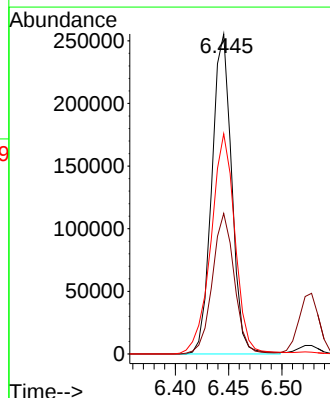
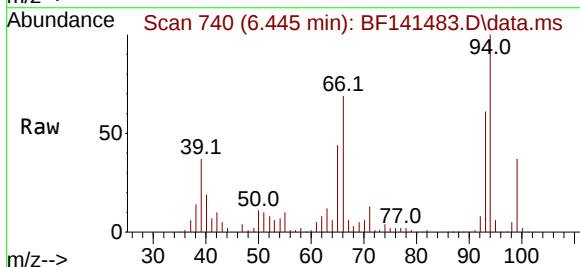
Tgt Ion: 94 Resp: 330765

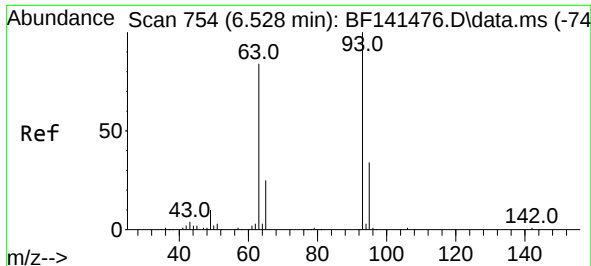
Ion Ratio Lower Upper

94 100

65 43.9 23.7 63.7

66 68.8 49.3 89.3

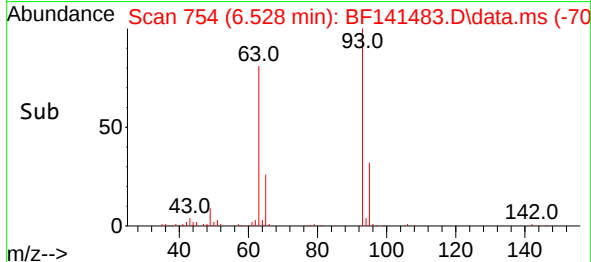
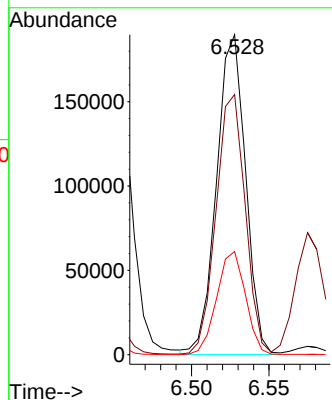
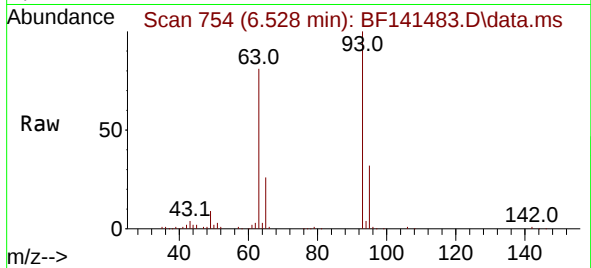




#11
bis(2-Chloroethyl)ether
Concen: 43.650 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

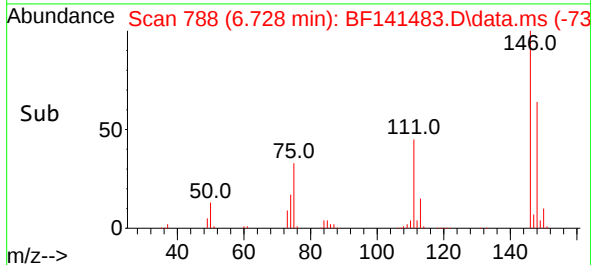
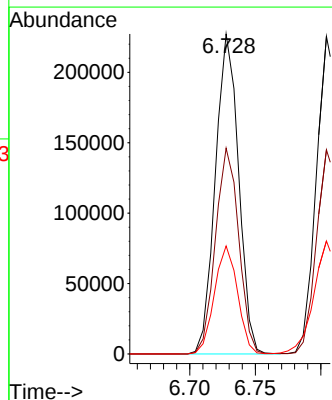
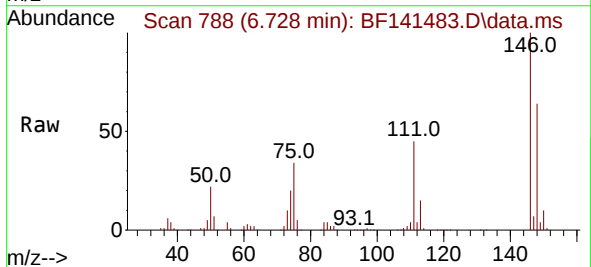
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 93 Resp: 247323
Ion Ratio Lower Upper
93 100
63 81.3 62.0 102.0
95 32.2 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.757 ng
RT: 6.728 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:146 Resp: 279692
Ion Ratio Lower Upper
146 100
148 64.3 51.9 77.9
75 33.8 28.2 42.2

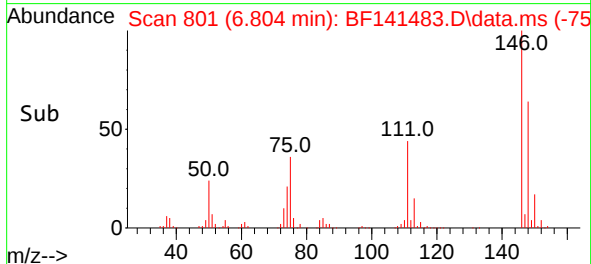
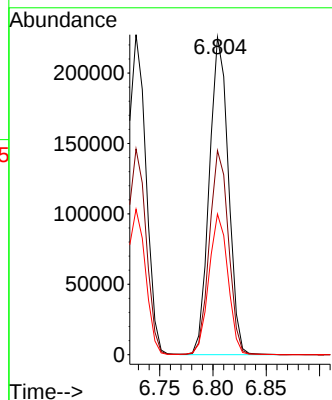
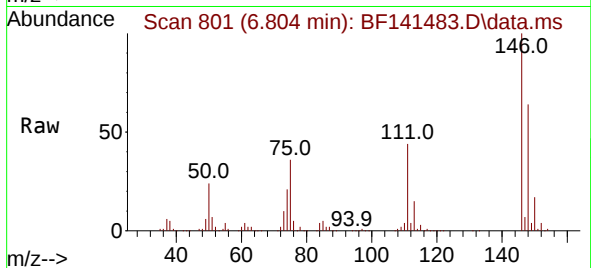




#13
1,4-Dichlorobenzene
Concen: 41.960 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

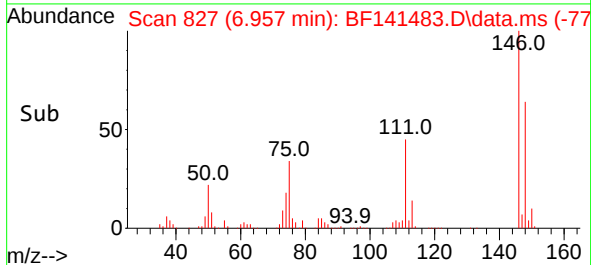
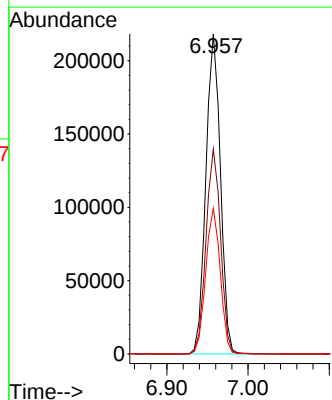
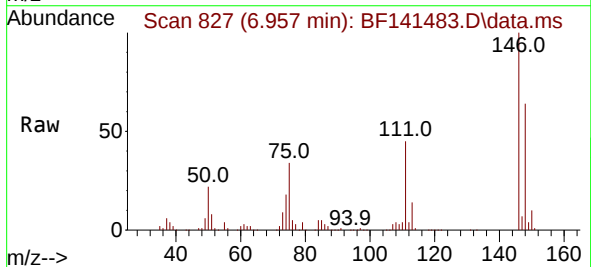
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:146 Resp: 280440
Ion Ratio Lower Upper
146 100
148 64.3 50.9 76.3
111 44.3 35.9 53.9



#14
1,2-Dichlorobenzene
Concen: 43.811 ng
RT: 6.957 min Scan# 827
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:146 Resp: 271762
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
111 45.5 37.0 55.4

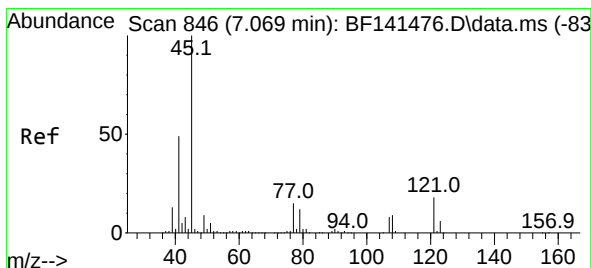
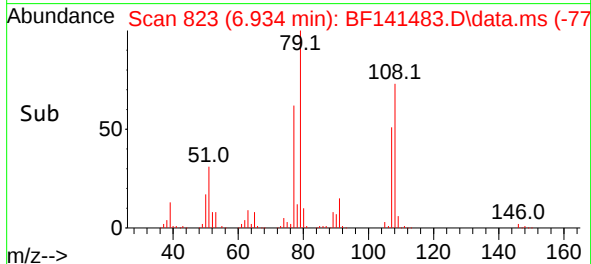
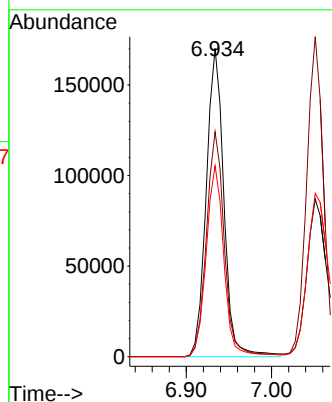
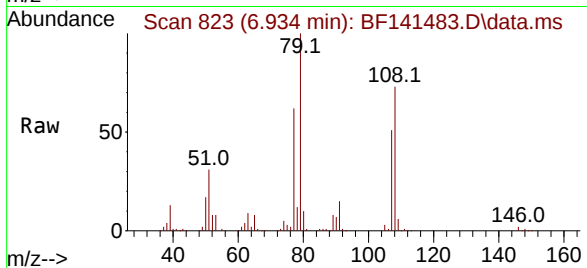




#15
Benzyl Alcohol
Concen: 43.932 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

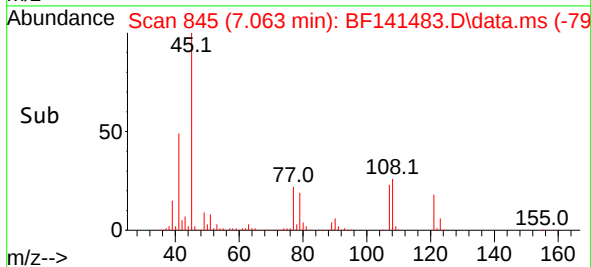
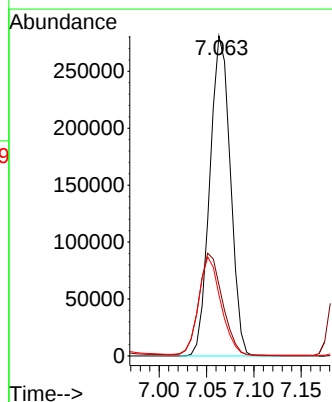
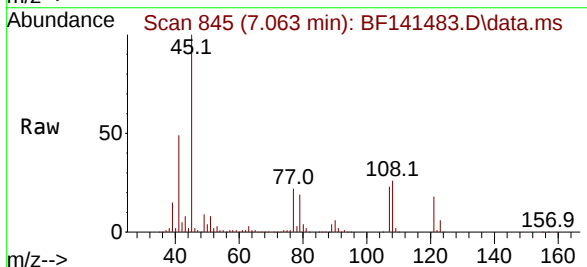
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

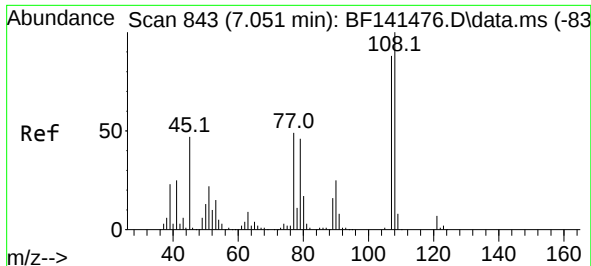
Tgt Ion: 79 Resp: 244174
Ion Ratio Lower Upper
79 100
108 73.0 57.4 86.2
77 61.9 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.756 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 45 Resp: 424396
Ion Ratio Lower Upper
45 100
77 22.3 0.0 35.8
79 19.1 0.0 32.7

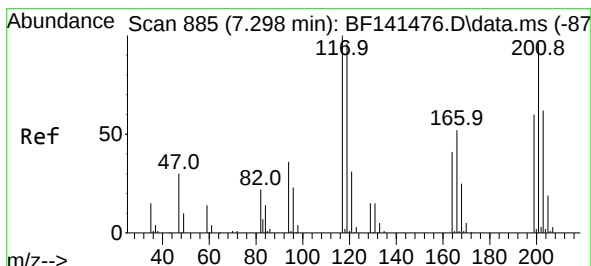
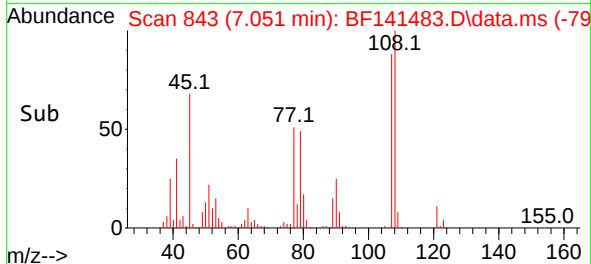
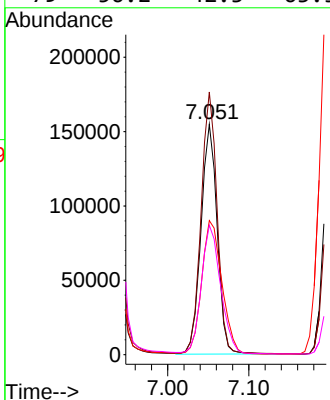
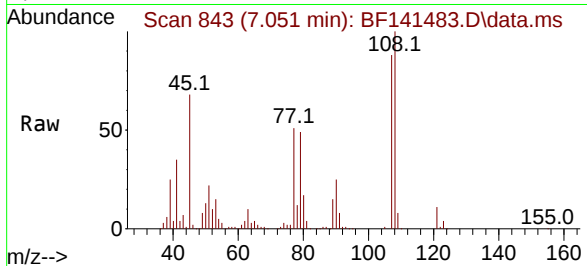




#17
2-Methylphenol
Concen: 44.110 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

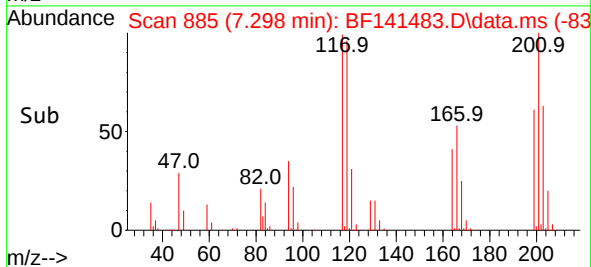
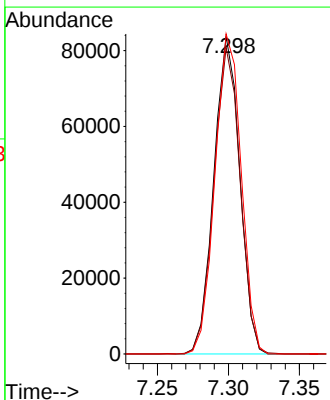
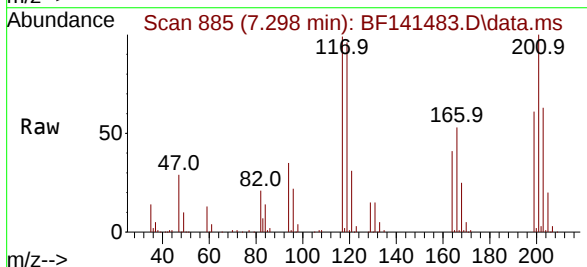
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:	107	Resp:	213886
Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.6	136.0
77	58.2	44.4	66.6
79	56.2	42.3	63.5



#18
Hexachloroethane
Concen: 42.961 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:	117	Resp:	106264
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.5	114.7
201	100.8	76.7	115.1



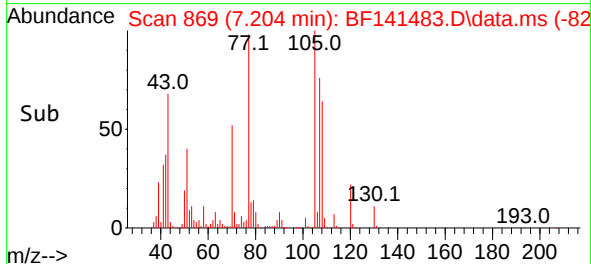
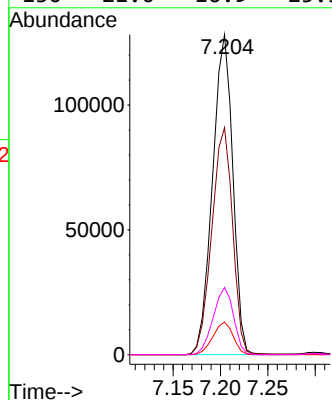
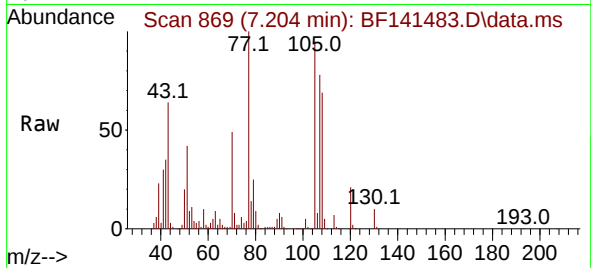


#19
n-Nitroso-di-n-propylamine
Concen: 44.118 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 70 Resp: 191264

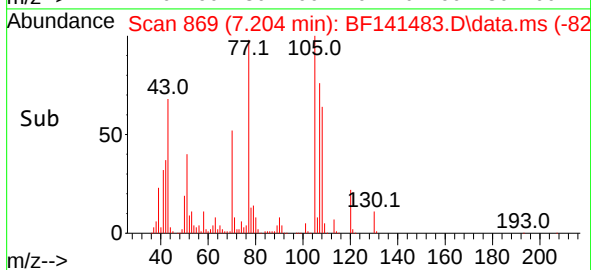
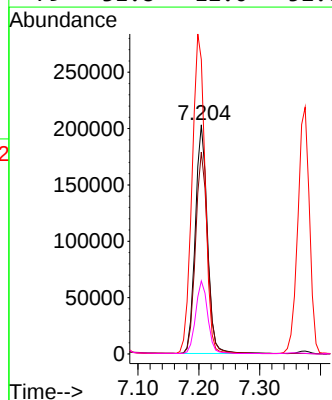
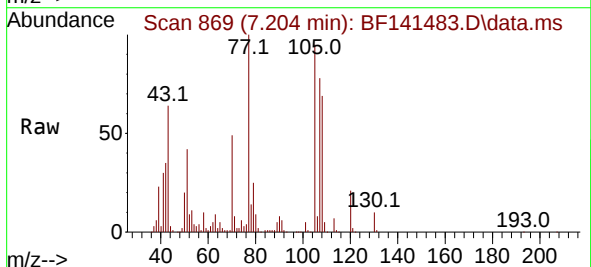
Ion	Ratio	Lower	Upper
70	100		
42	71.0	57.4	86.2
101	10.2	8.0	12.0
130	21.0	16.9	25.3

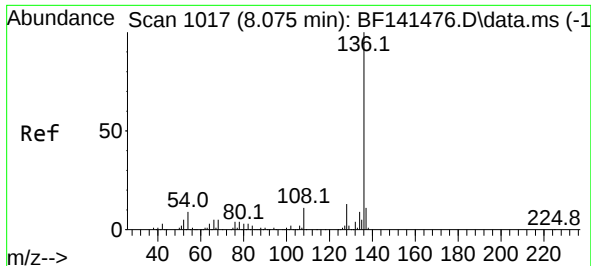


#20
3+4-Methylphenols
Concen: 45.393 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 107 Resp: 279723

Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.5	108.5
77	128.5	116.5	156.5
79	31.8	12.0	52.0

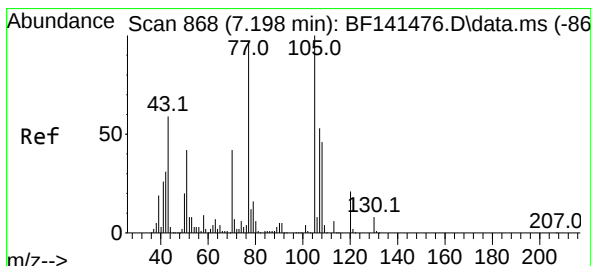
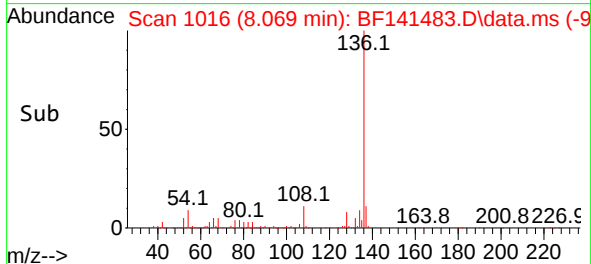
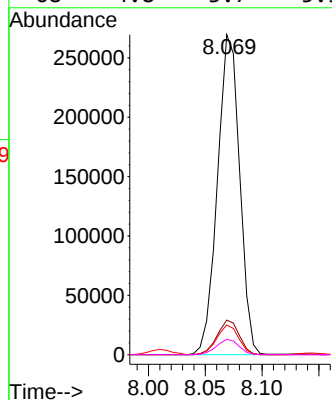
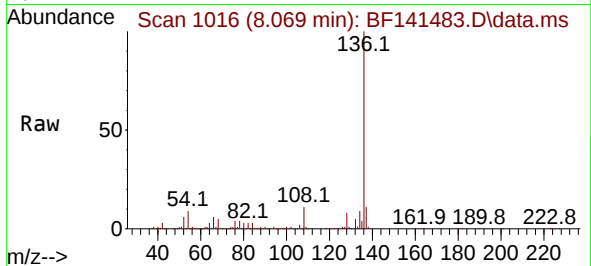




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

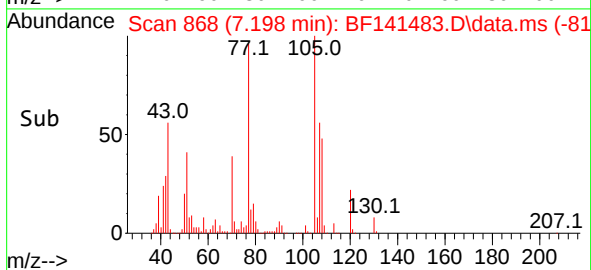
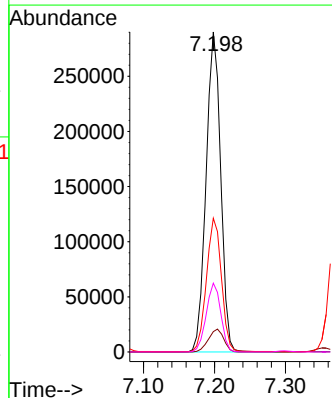
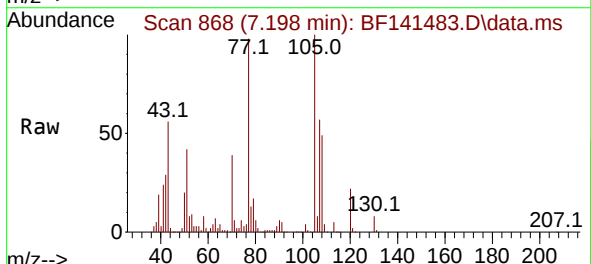
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:136 Resp: 367036
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.3 7.2 10.8
68 4.8 3.7 5.5



#22
Acetophenone
Concen: 45.537 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:105 Resp: 415763
Ion Ratio Lower Upper
105 100
71 6.4 5.7 8.5
51 41.8 33.7 50.5
120 21.5 17.0 25.6





#23

Nitrobenzene-d5

Concen: 90.753 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

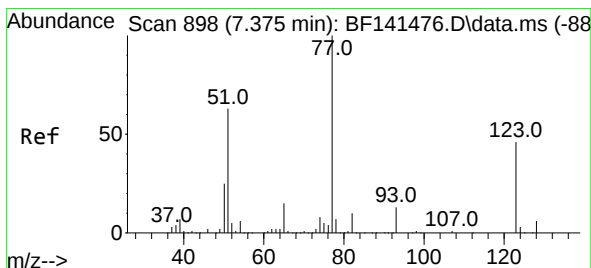
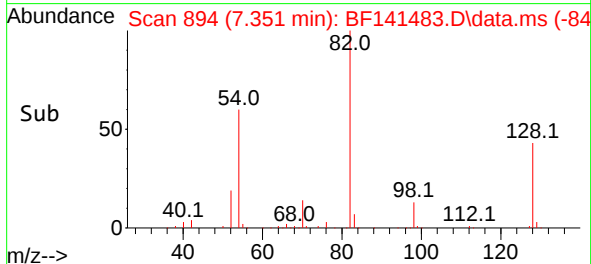
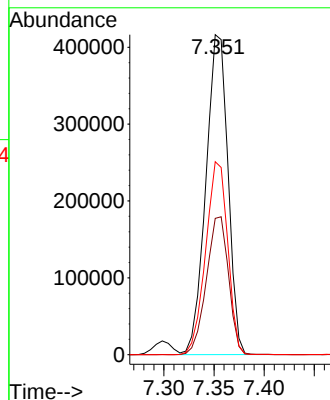
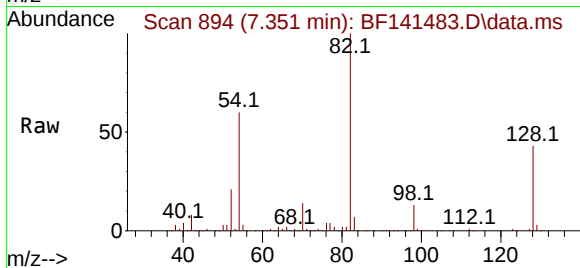
Tgt Ion: 82 Resp: 638627

Ion Ratio Lower Upper

82 100

128 42.6 34.8 52.2

54 60.3 48.2 72.4



#24

Nitrobenzene

Concen: 42.279 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

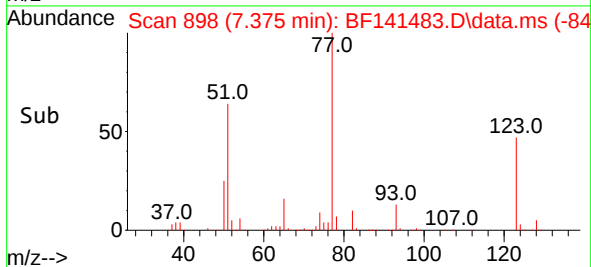
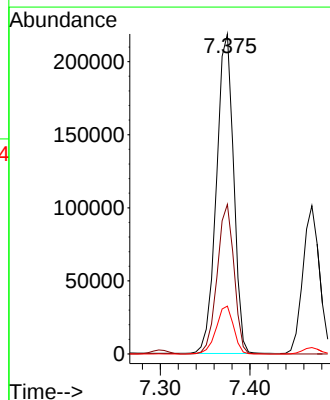
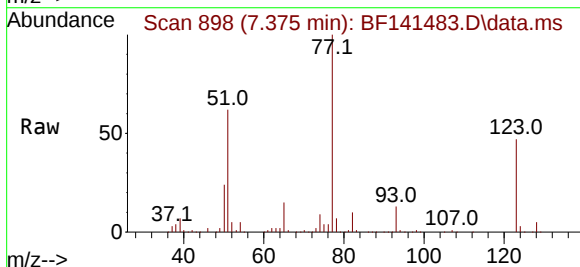
Tgt Ion: 77 Resp: 290115

Ion Ratio Lower Upper

77 100

123 46.7 36.9 55.3

65 15.0 11.9 17.9

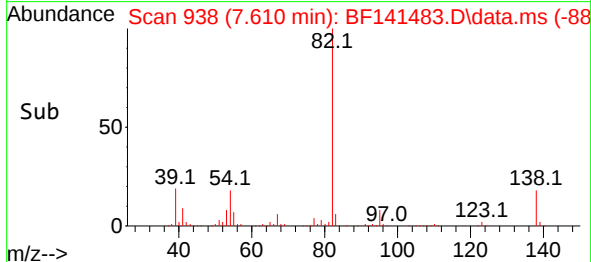
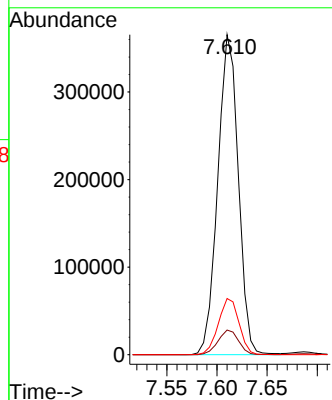
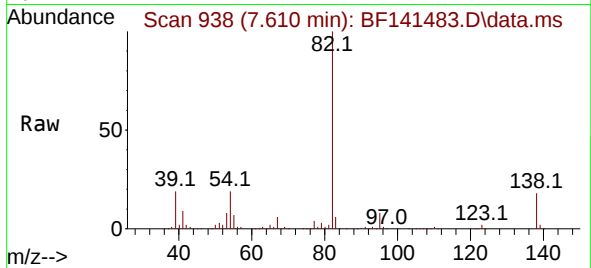




#25
Isophorone
Concen: 46.363 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

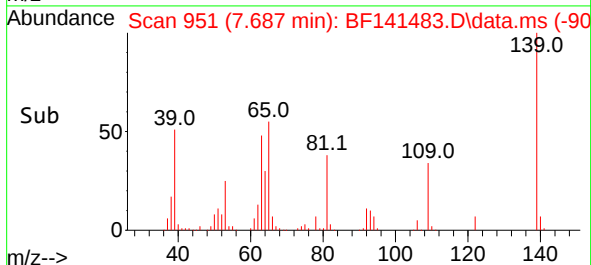
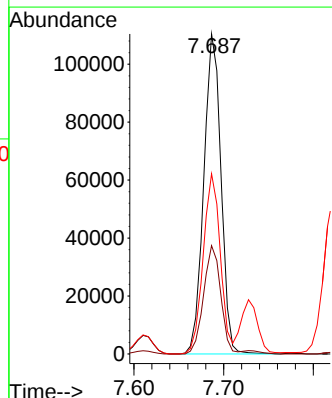
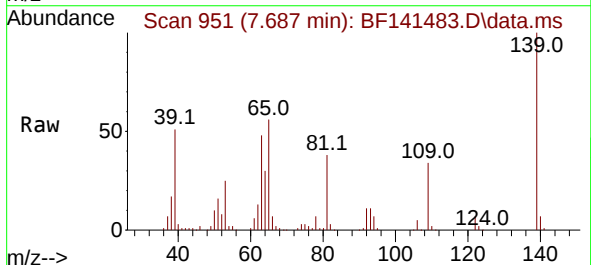
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion: 82 Resp: 520208
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.5 13.9 20.9



#26
2-Nitrophenol
Concen: 43.118 ng
RT: 7.687 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 139 Resp: 147203
Ion Ratio Lower Upper
139 100
109 33.9 27.0 40.6
65 56.3 47.1 70.7

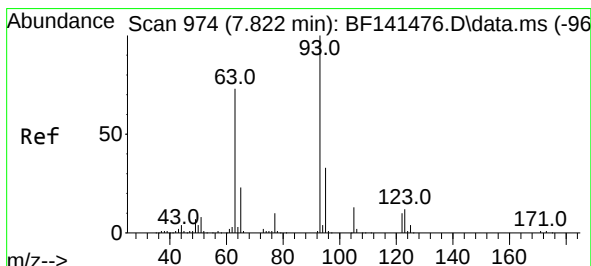
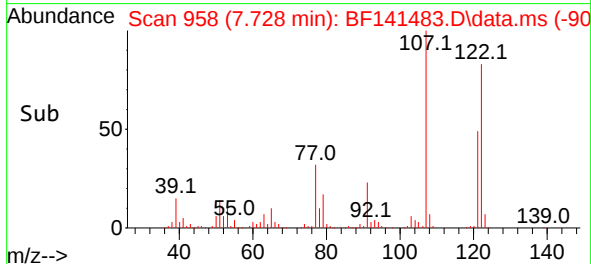
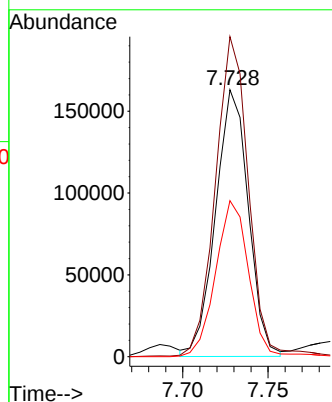
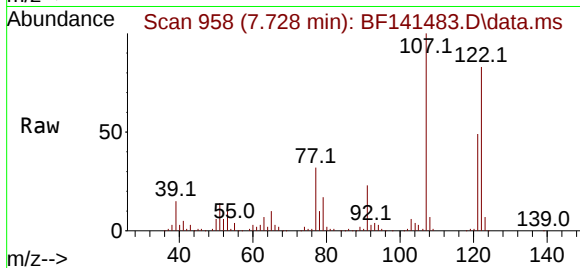




#27
2,4-Dimethylphenol
Concen: 54.677 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

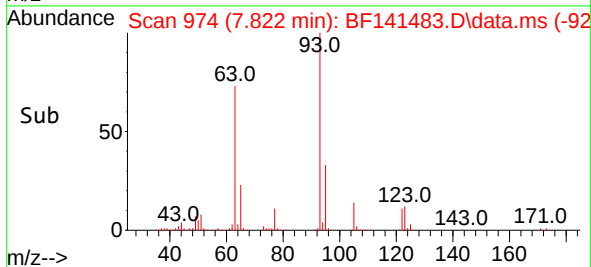
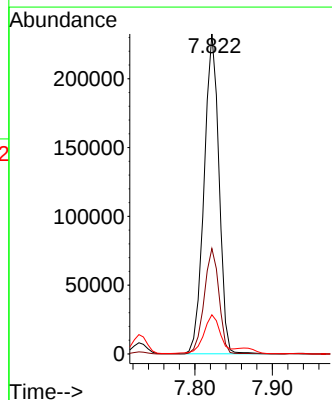
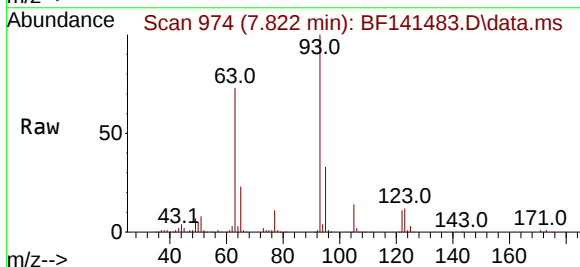
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:122 Resp: 218065
Ion Ratio Lower Upper
122 100
107 119.9 94.3 141.5
121 58.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.123 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 93 Resp: 310040
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 12.2 9.5 14.3

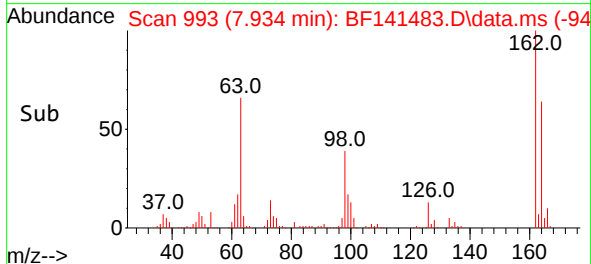
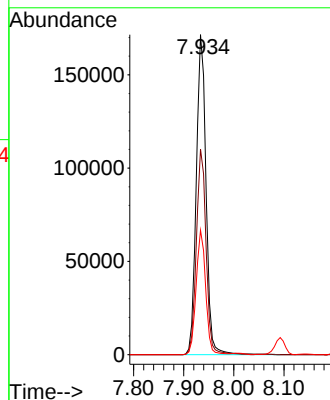
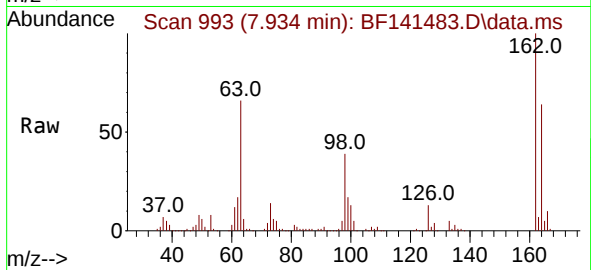




#29
2,4-Dichlorophenol
Concen: 42.981 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

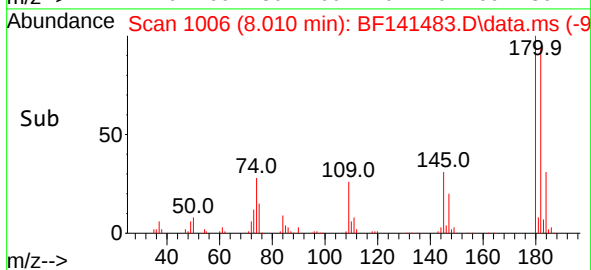
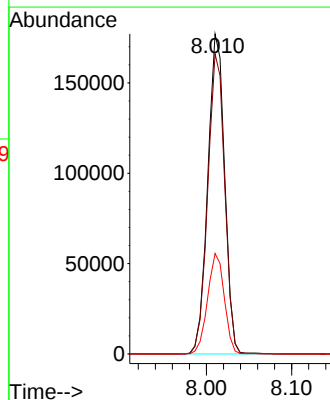
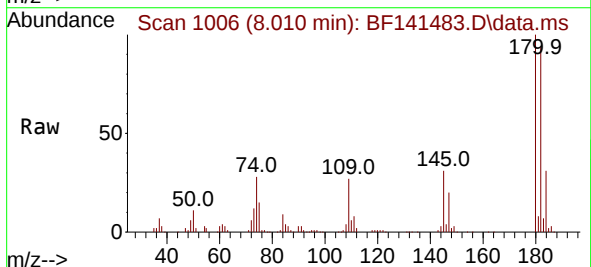
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:162 Resp: 231610
Ion Ratio Lower Upper
162 100
164 64.2 44.6 84.6
98 38.9 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 41.454 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:180 Resp: 243255
Ion Ratio Lower Upper
180 100
182 93.8 76.8 115.2
145 31.4 24.2 36.4

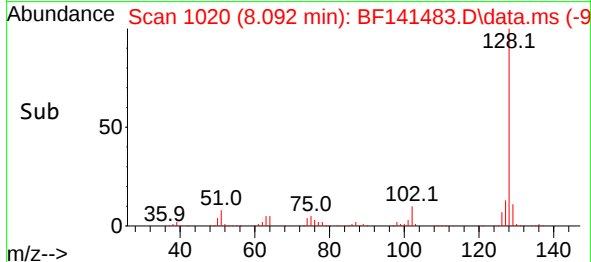
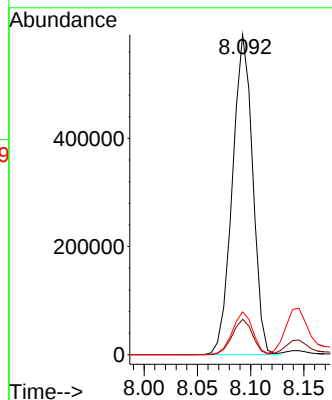
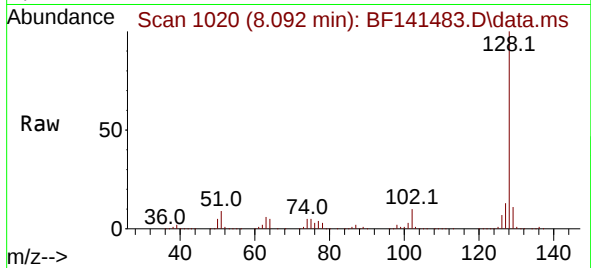




#31
Naphthalene
Concen: 41.100 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

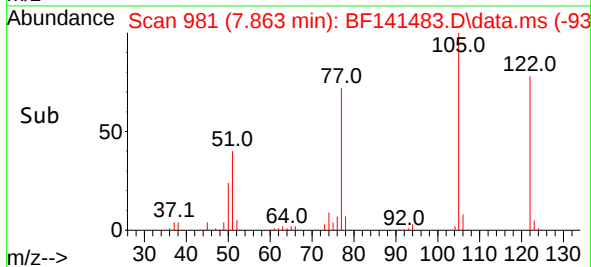
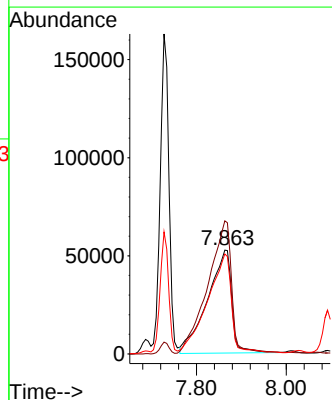
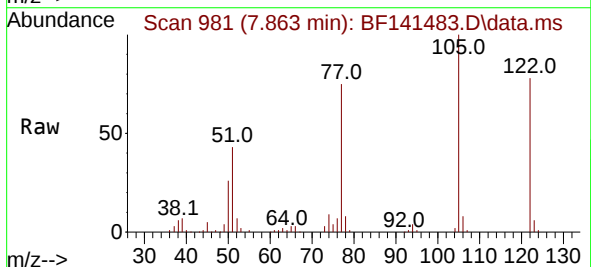
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

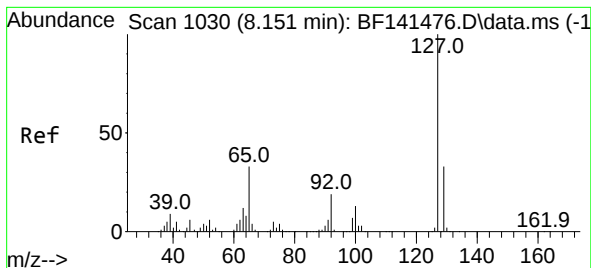
Tgt Ion:128 Resp: 785237
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 47.726 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.029 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:122 Resp: 197709
Ion Ratio Lower Upper
122 100
105 128.2 106.5 146.5
77 96.2 76.3 116.3





#33

4-Chloroaniline

Concen: 22.855 ng

RT: 8.145 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

Tgt Ion:127 Resp: 152454

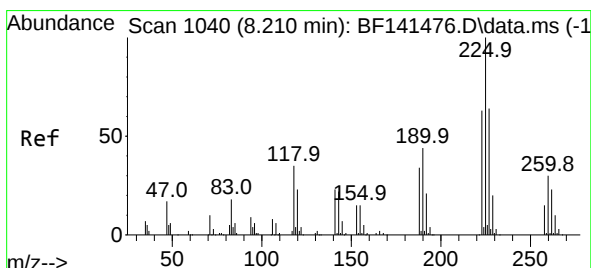
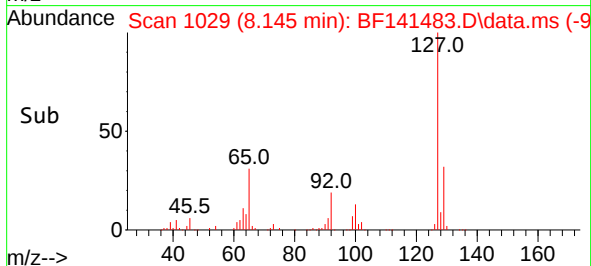
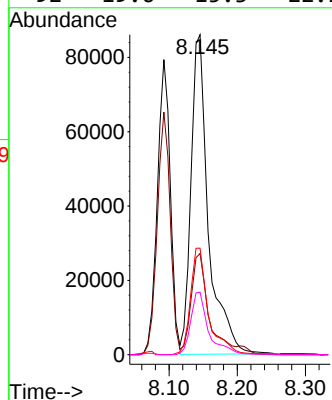
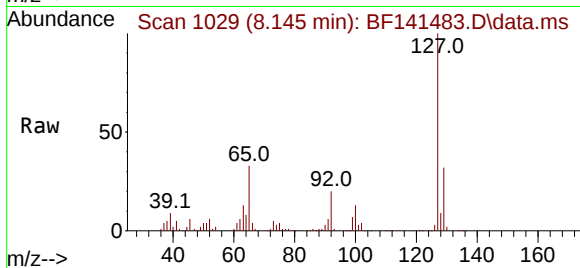
Ion Ratio Lower Upper

127 100

129 31.6 26.5 39.7

65 33.3 26.4 39.6

92 19.6 15.3 22.9



#34

Hexachlorobutadiene

Concen: 42.675 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

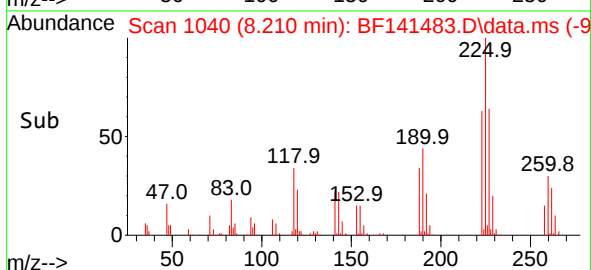
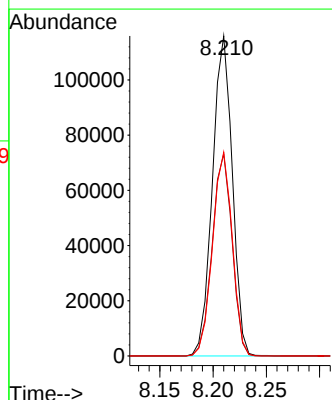
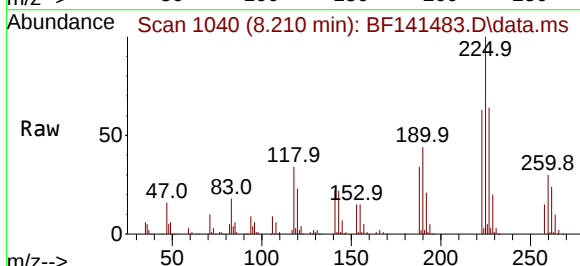
Tgt Ion:225 Resp: 150337

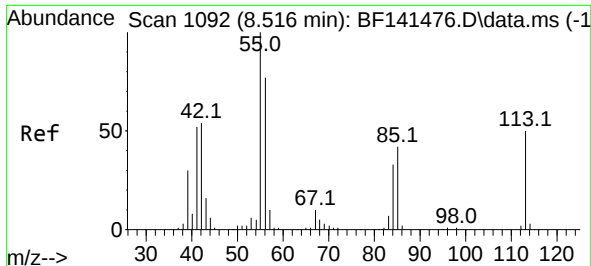
Ion Ratio Lower Upper

225 100

223 63.1 50.1 75.1

227 63.7 51.0 76.6

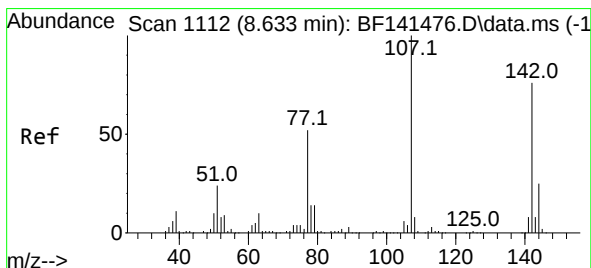
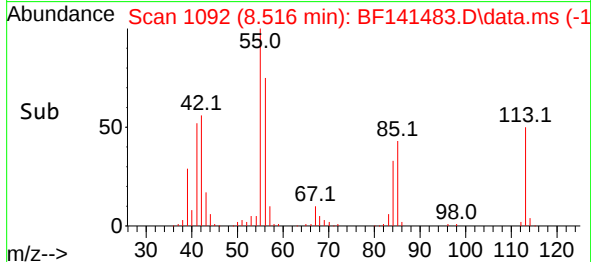
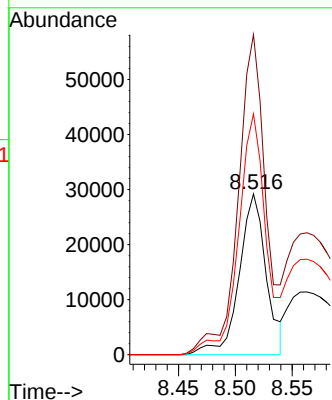
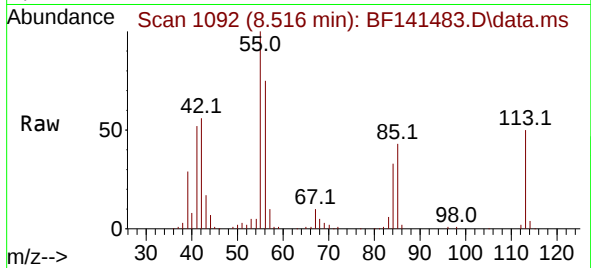




#35
 Caprolactam
 Concen: 29.391 ng
 RT: 8.516 min Scan# 1092
 Delta R.T. -0.029 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

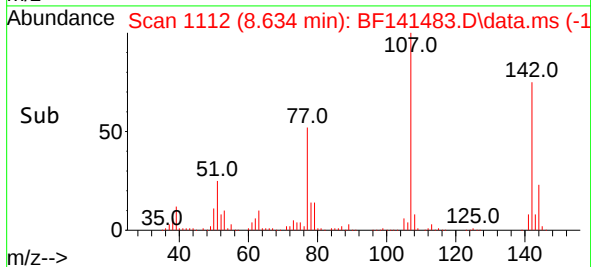
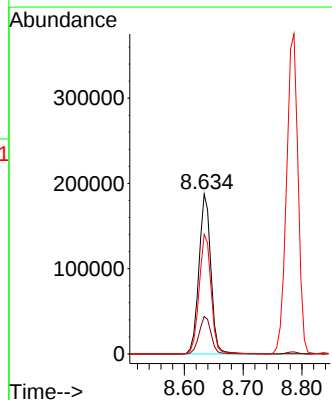
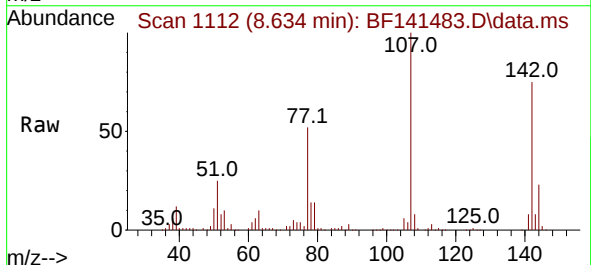
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

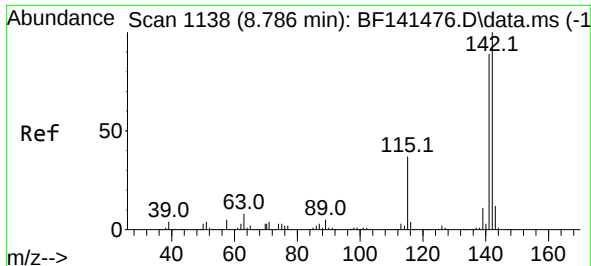
Tgt Ion:113 Resp: 48222
 Ion Ratio Lower Upper
 113 100
 55 199.0 180.8 220.8
 56 149.8 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.309 ng
 RT: 8.634 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

Tgt Ion:107 Resp: 264481
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.7 29.5
 142 74.8 60.8 91.2

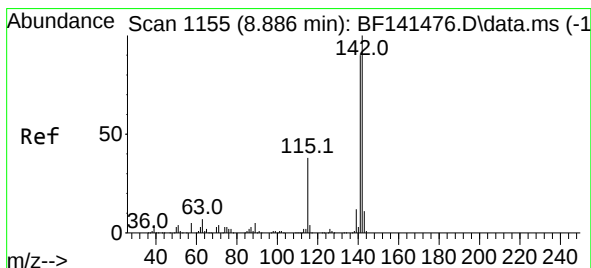
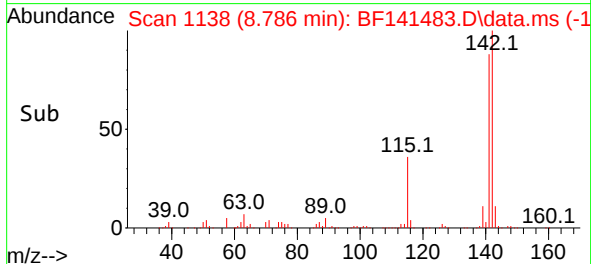
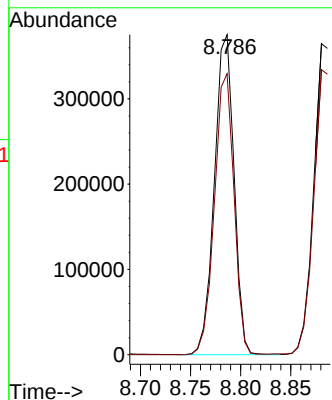
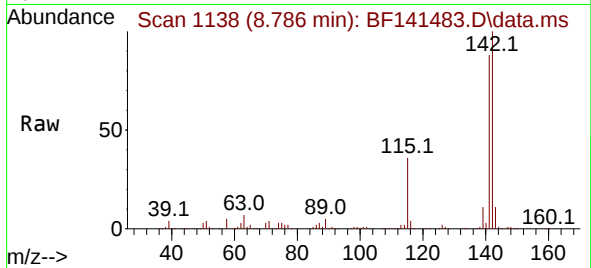




#37
2-Methylnaphthalene
Concen: 41.069 ng
RT: 8.786 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

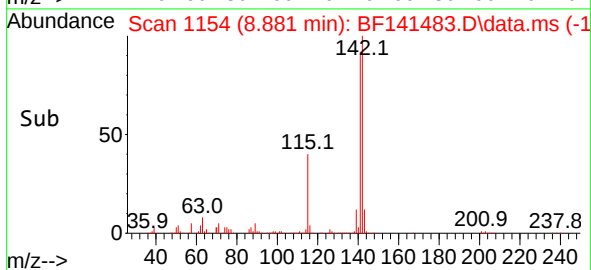
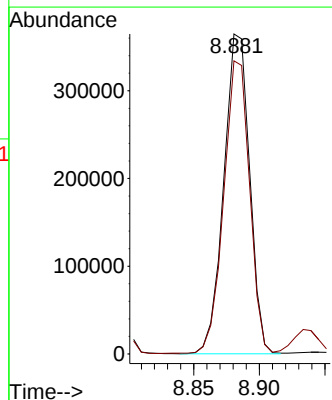
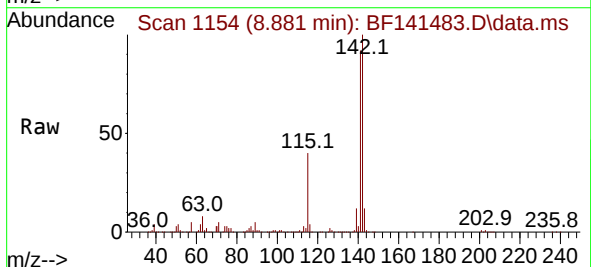
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

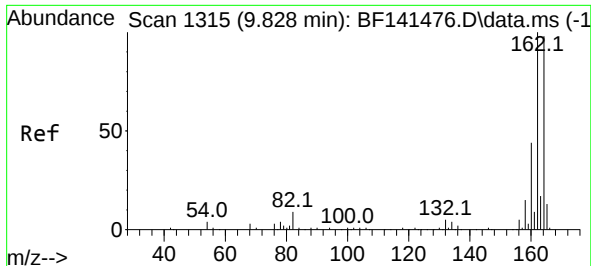
Tgt Ion:142 Resp: 510592
Ion Ratio Lower Upper
142 100
141 87.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 41.409 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:142 Resp: 498626
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1

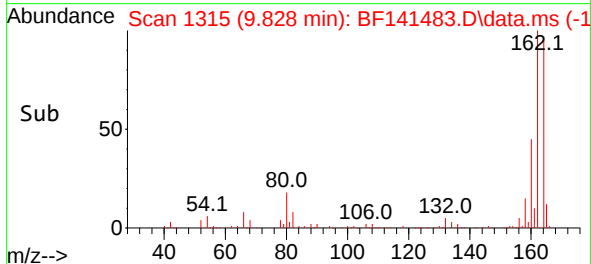
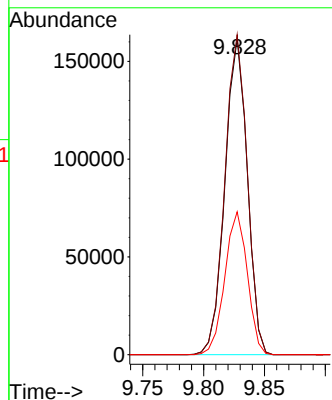
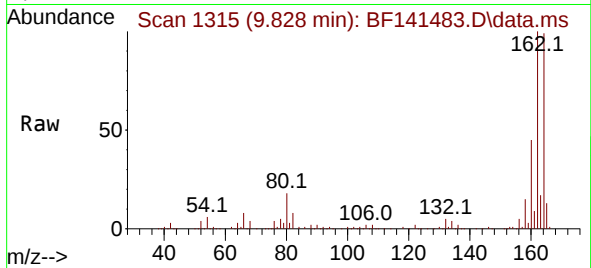




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

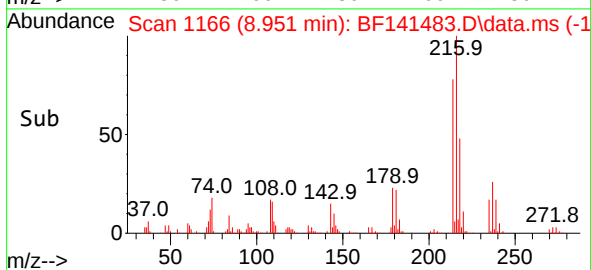
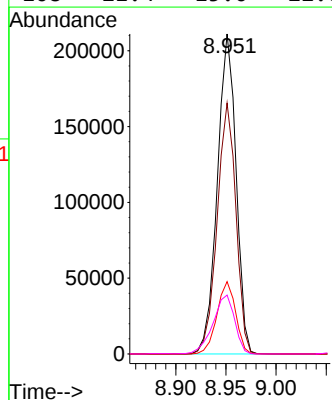
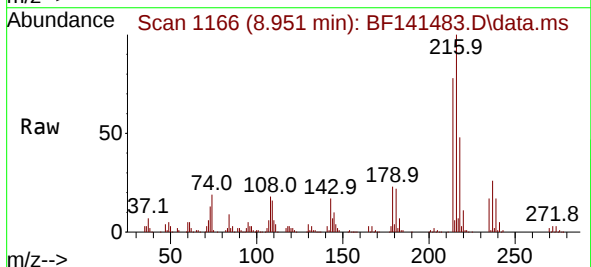
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

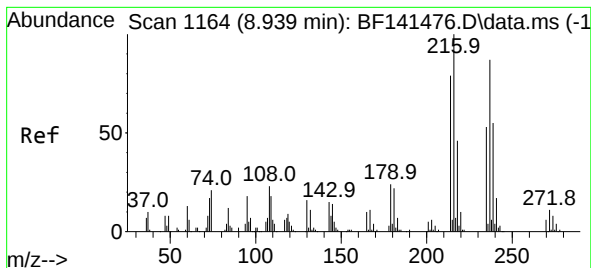
Tgt Ion:164 Resp: 206778
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.2 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.803 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:216 Resp: 274009
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 22.6 18.0 27.0
108 21.4 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 154.915 ng

RT: 8.939 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

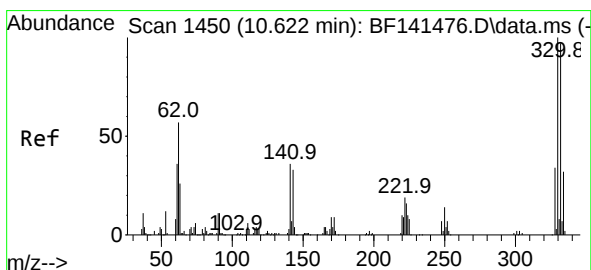
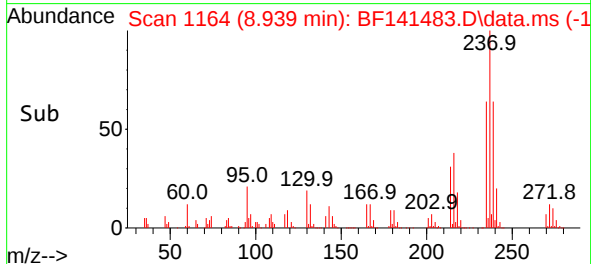
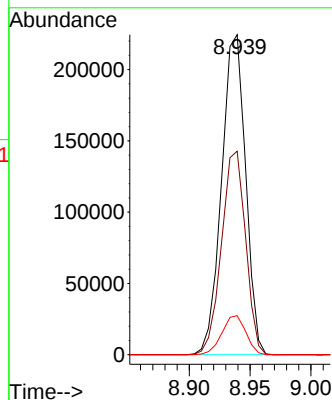
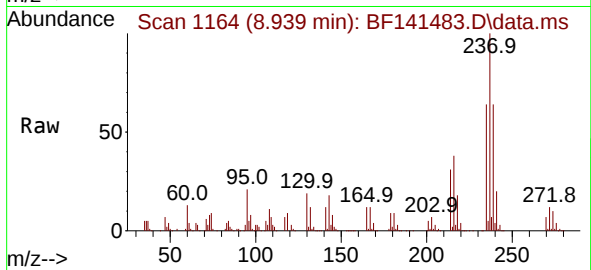
Tgt Ion:237 Resp: 308246

Ion Ratio Lower Upper

237 100

235 63.6 41.4 81.4

272 12.2 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 91.167 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

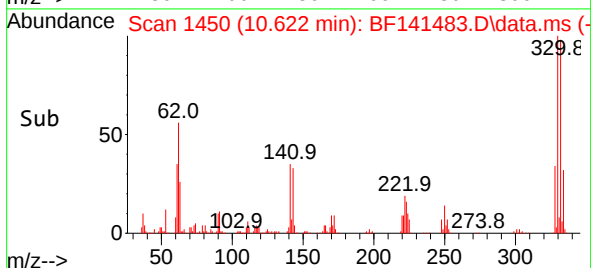
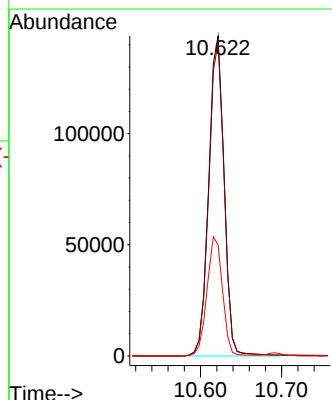
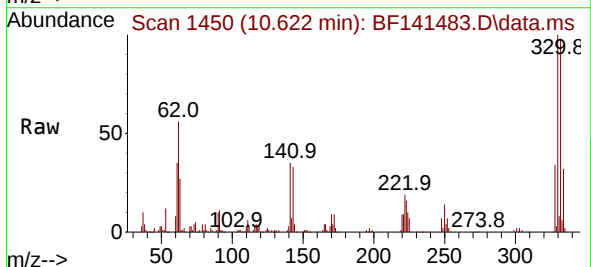
Tgt Ion:330 Resp: 189371

Ion Ratio Lower Upper

330 100

332 98.1 78.5 117.7

141 37.6 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 43.697 ng

RT: 9.069 min Scan# 1185

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

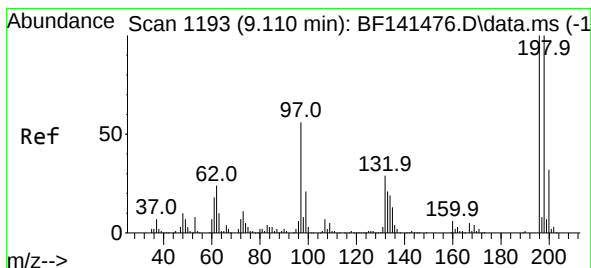
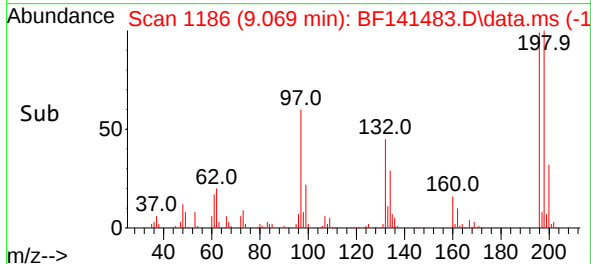
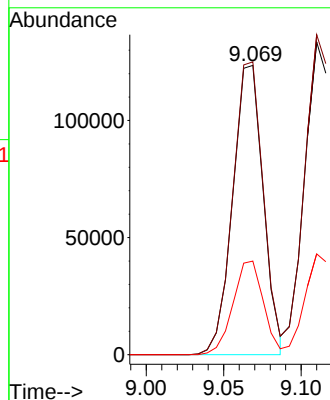
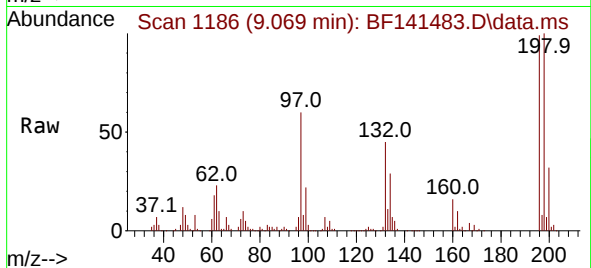
Tgt Ion:196 Resp: 168953

Ion Ratio Lower Upper

196 100

198 101.2 80.6 121.0

200 32.4 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 43.126 ng

RT: 9.110 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Tgt Ion:196 Resp: 180713

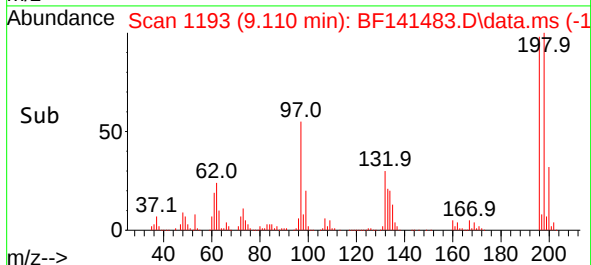
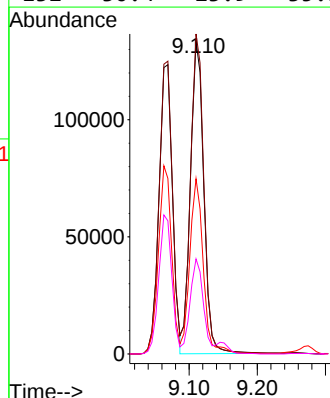
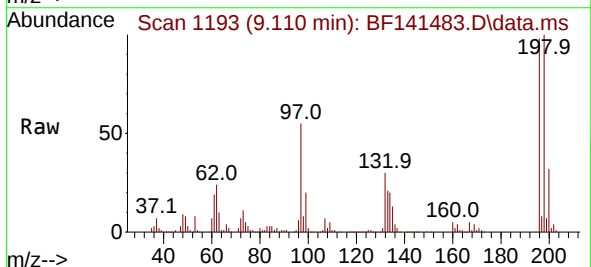
Ion Ratio Lower Upper

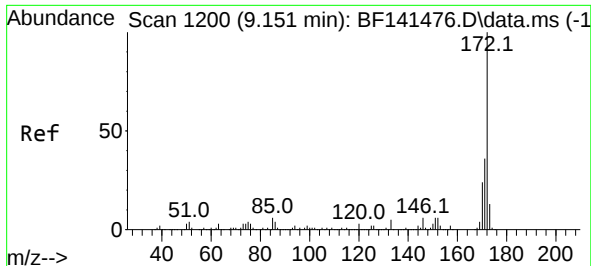
196 100

198 102.3 79.8 119.8

97 56.1 44.8 67.2

132 30.4 23.9 35.9

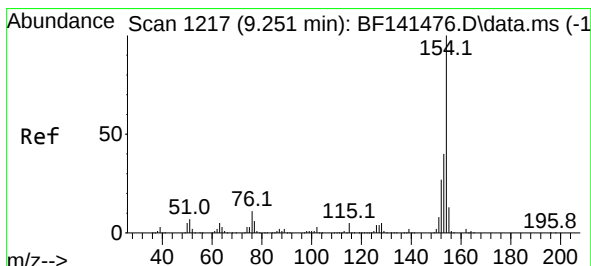
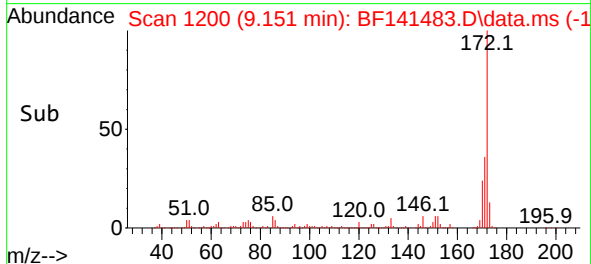
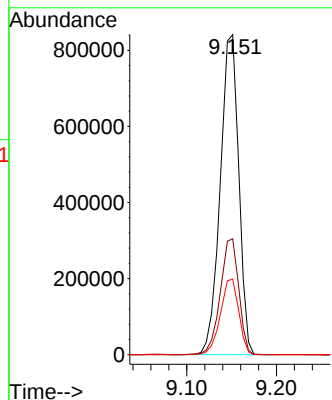
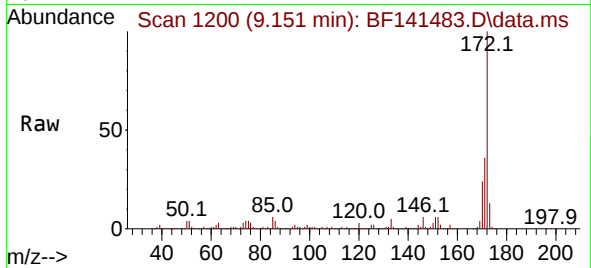




#45
2-Fluorobiphenyl
Concen: 89.803 ng
RT: 9.151 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

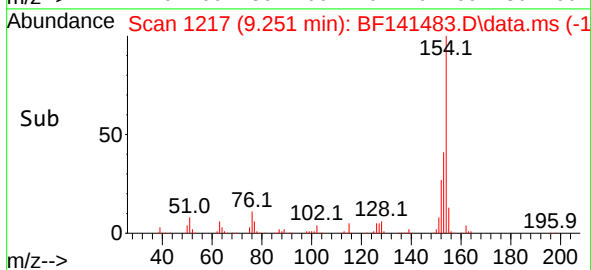
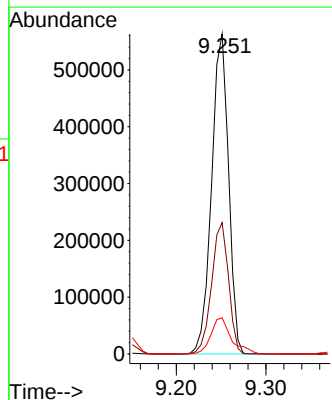
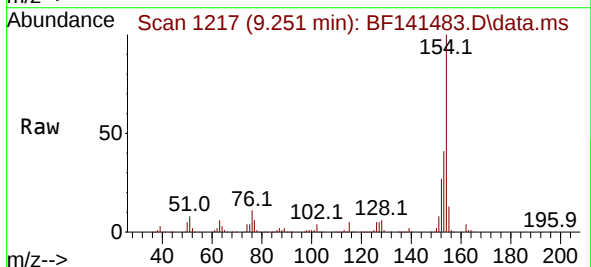
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

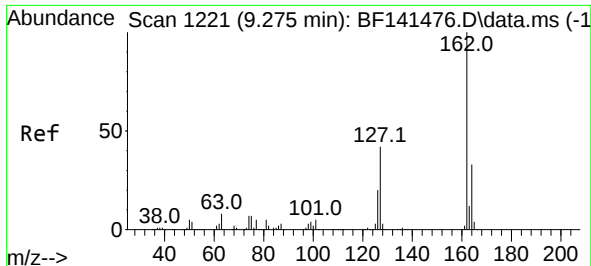
Tgt Ion:172 Resp: 1205300
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 46.064 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:154 Resp: 738457
Ion Ratio Lower Upper
154 100
153 41.1 20.4 60.4
76 11.3 0.0 30.8

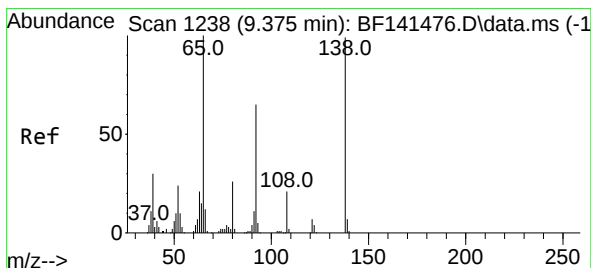
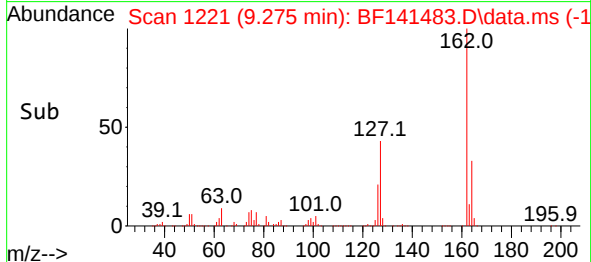
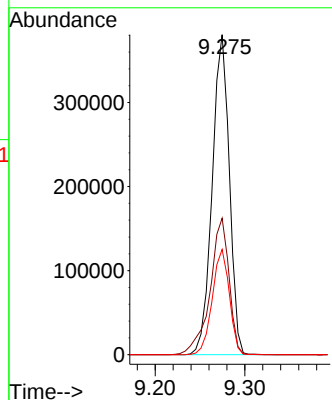
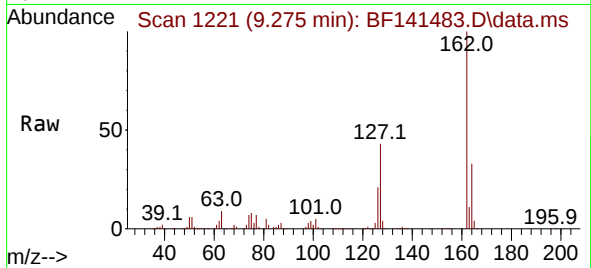




#47
2-Chloronaphthalene
Concen: 42.494 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

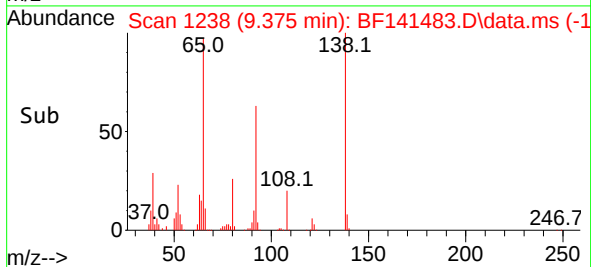
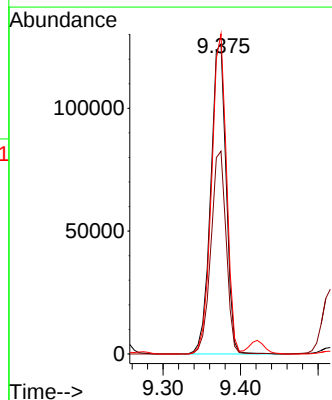
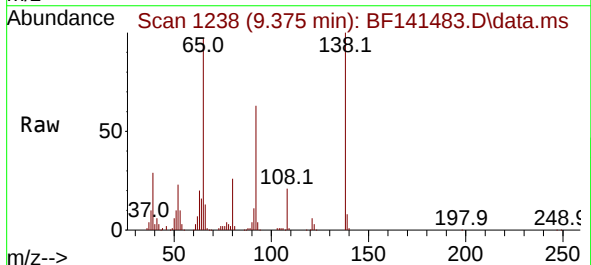
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

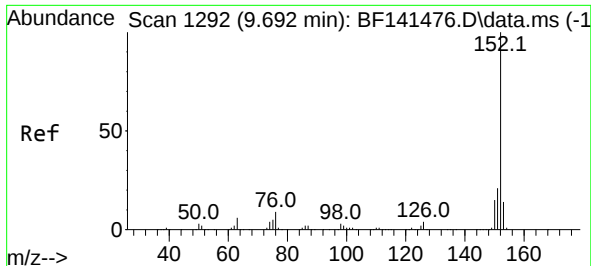
Tgt Ion:162 Resp: 503741
Ion Ratio Lower Upper
162 100
127 42.7 34.1 51.1
164 32.9 26.3 39.5



#48
2-Nitroaniline
Concen: 43.867 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion: 65 Resp: 174522
Ion Ratio Lower Upper
65 100
92 65.4 52.2 78.2
138 103.2 79.5 119.3

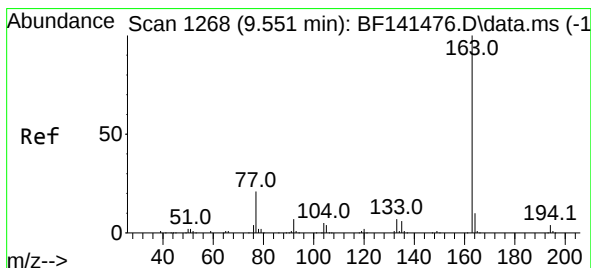
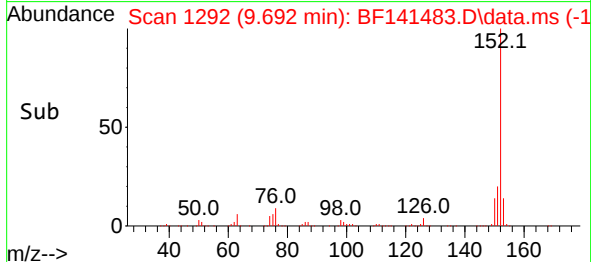
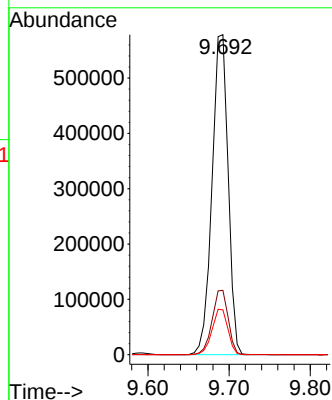
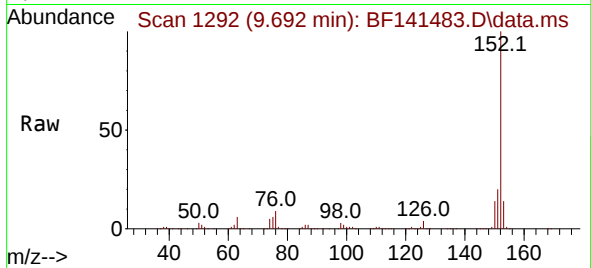




#49
Acenaphthylene
Concen: 45.135 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

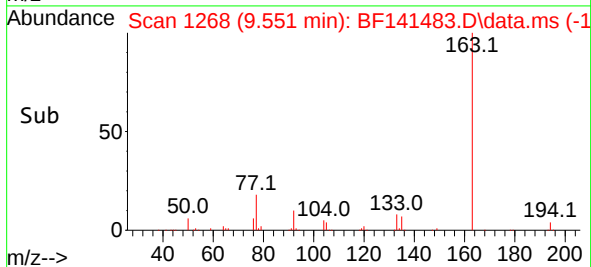
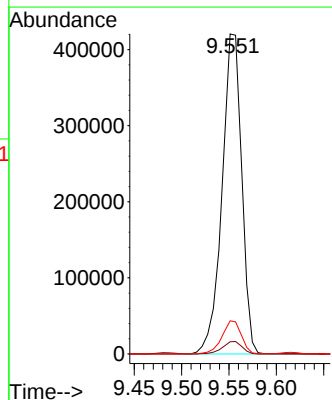
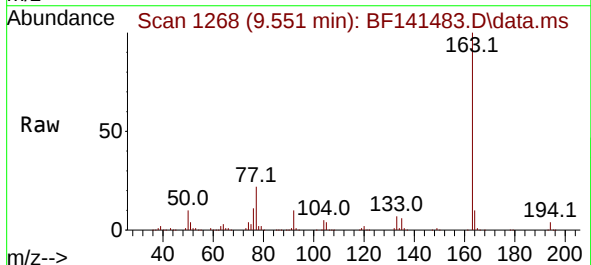
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:152 Resp: 795831
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 14.0 10.9 16.3



#50
Dimethylphthalate
Concen: 43.317 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:163 Resp: 608071
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.4 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 43.683 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

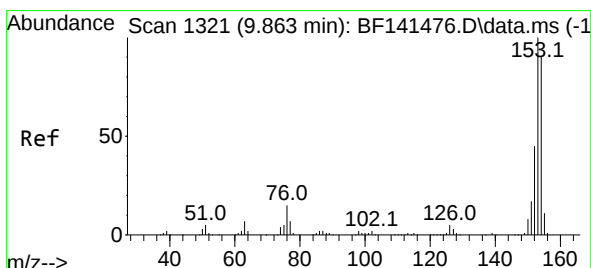
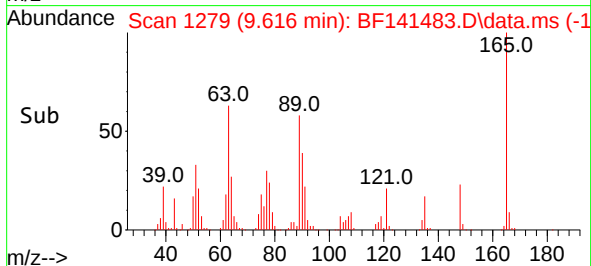
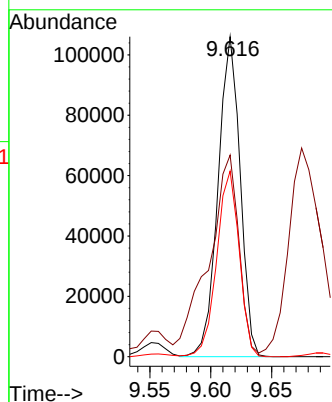
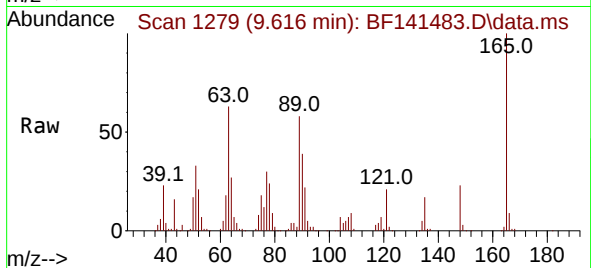
Tgt Ion:165 Resp: 134050

Ion Ratio Lower Upper

165 100

63 63.0 49.4 74.0

89 58.0 46.5 69.7



#52

Acenaphthene

Concen: 42.531 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

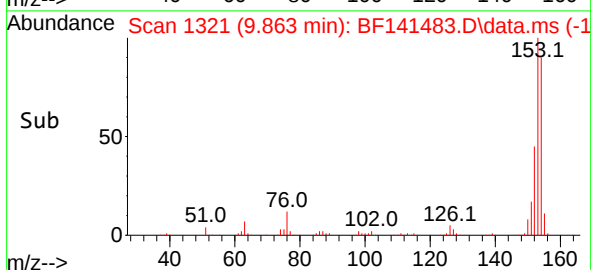
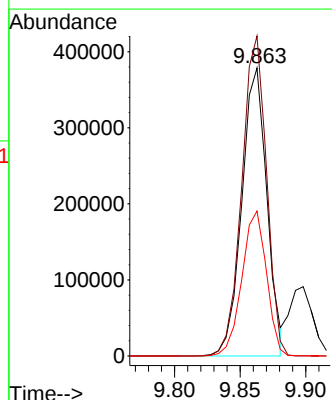
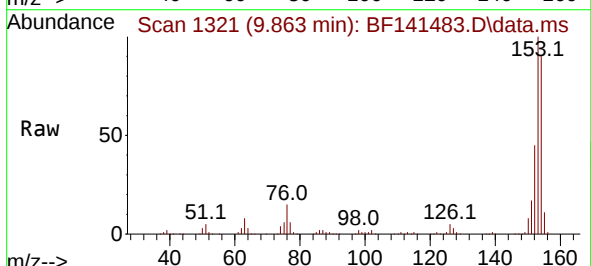
Tgt Ion:154 Resp: 504161

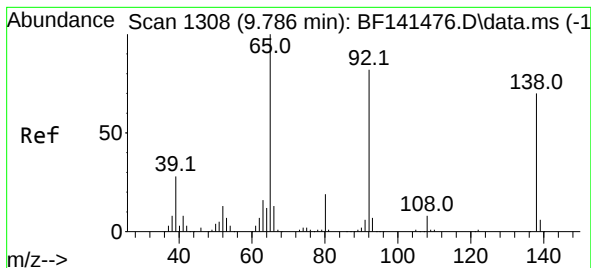
Ion Ratio Lower Upper

154 100

153 111.1 89.2 133.8

152 50.3 39.8 59.8

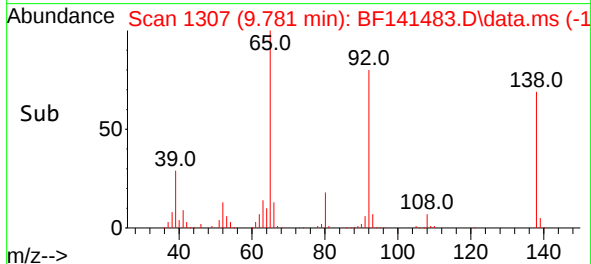
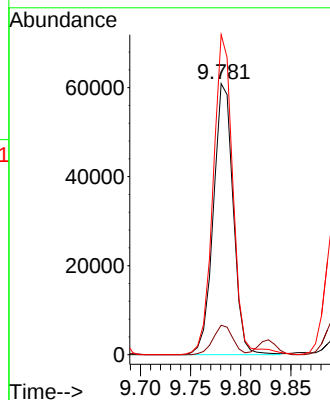
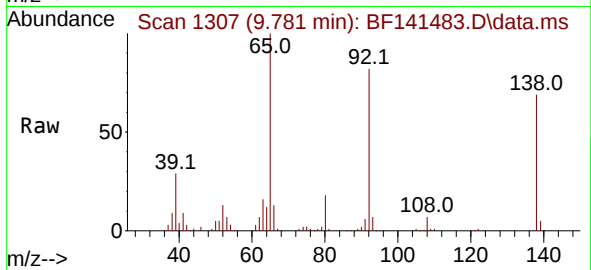




#53
3-Nitroaniline
Concen: 25.306 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

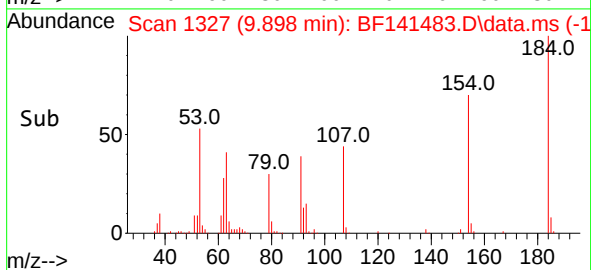
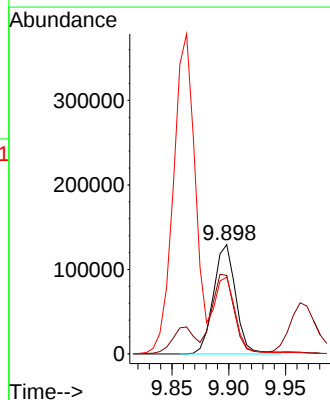
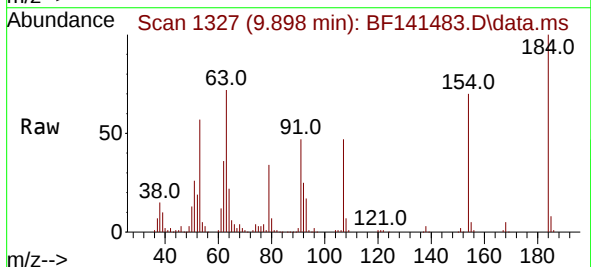
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

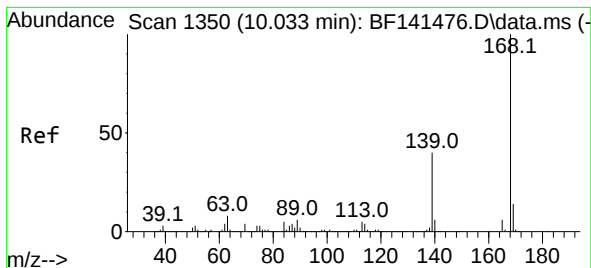
Tgt Ion:138 Resp: 83582
Ion Ratio Lower Upper
138 100
108 10.8 9.0 13.4
92 118.1 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 97.050 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:184 Resp: 177003
Ion Ratio Lower Upper
184 100
63 71.9 61.0 91.6
154 70.5 59.9 89.9

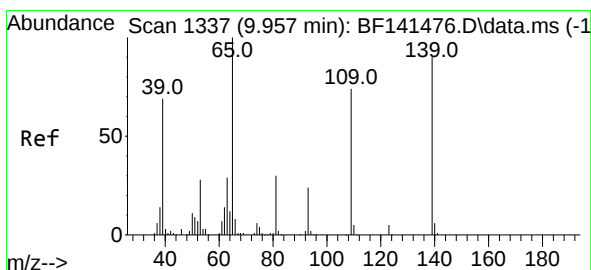
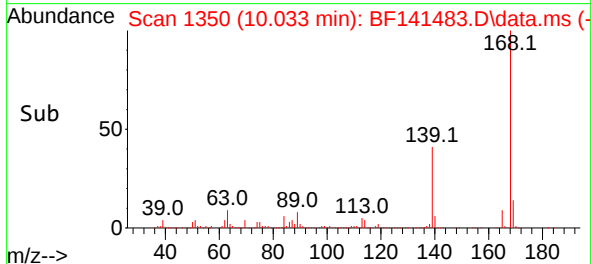
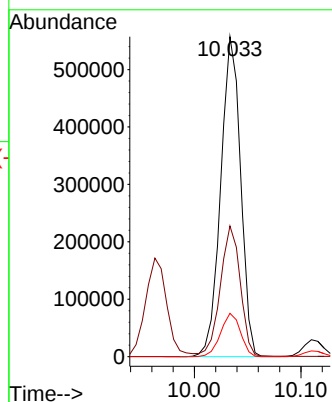
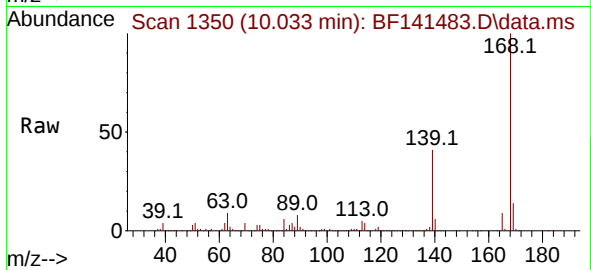




#55
Dibenzofuran
Concen: 41.455 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

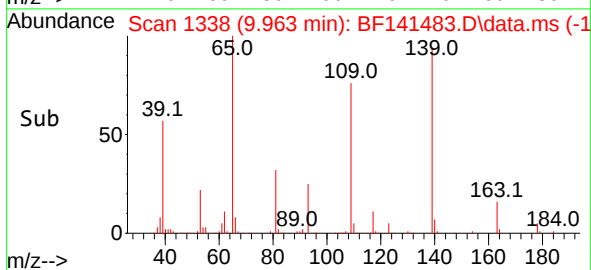
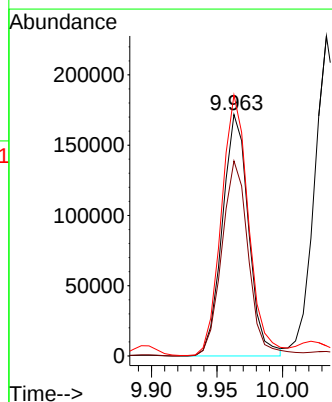
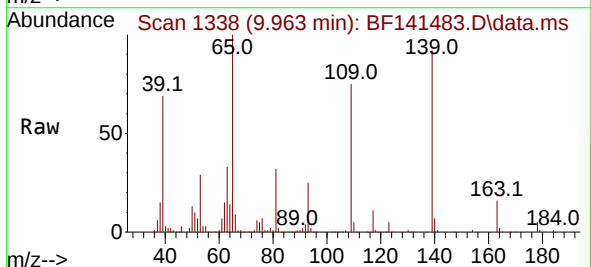
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

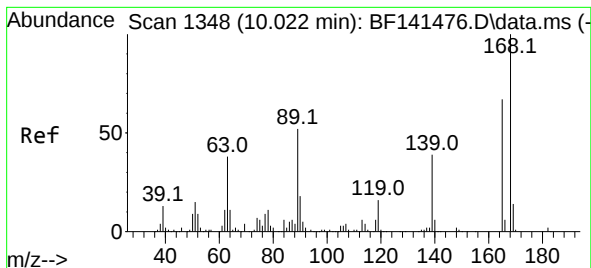
Tgt Ion:168 Resp: 721298
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 97.468 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:139 Resp: 238975
Ion Ratio Lower Upper
139 100
109 80.8 62.0 102.0
65 108.1 91.2 131.2

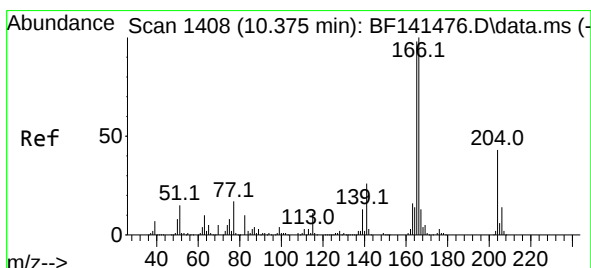
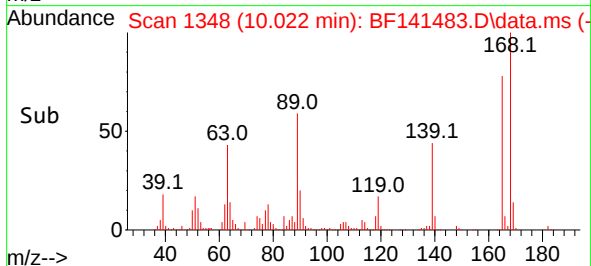
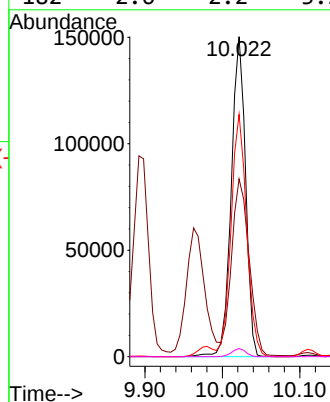
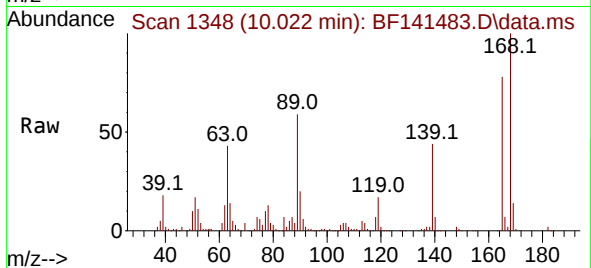




#57
2,4-Dinitrotoluene
Concen: 47.263 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

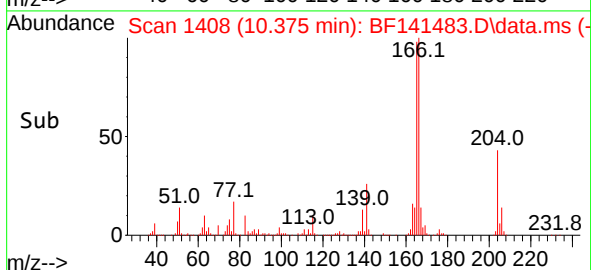
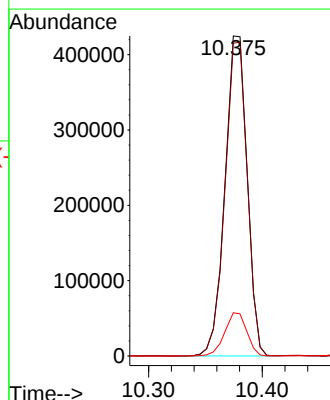
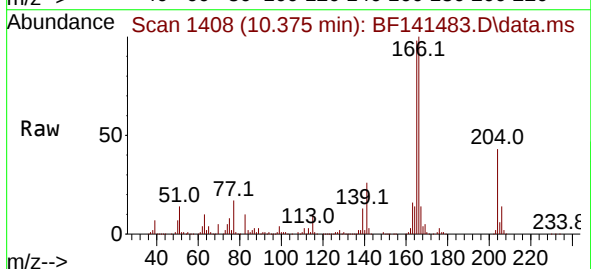
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:165 Resp: 193080
Ion Ratio Lower Upper
165 100
63 55.6 46.4 69.6
89 75.7 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 42.926 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:166 Resp: 577492
Ion Ratio Lower Upper
166 100
165 97.8 78.2 117.2
167 13.5 10.7 16.1

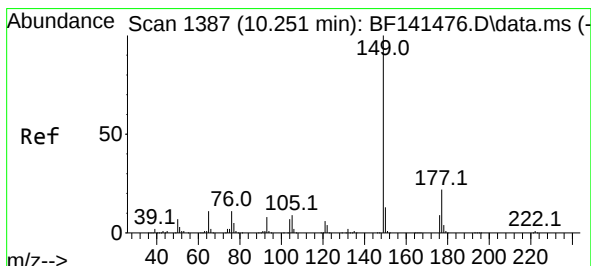
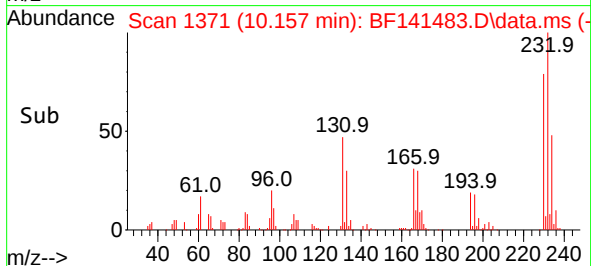
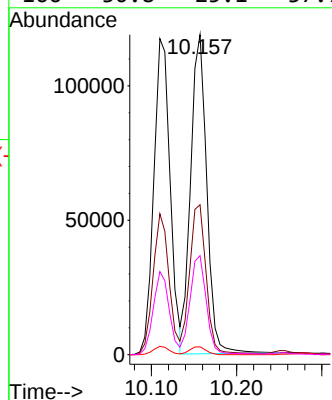
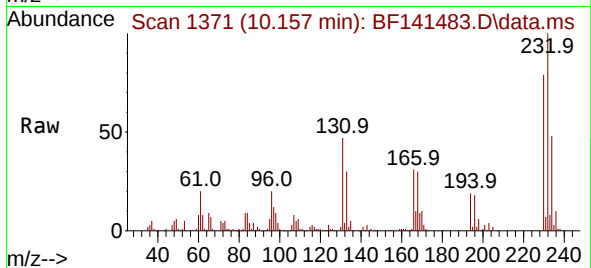




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.226 ng
RT: 10.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

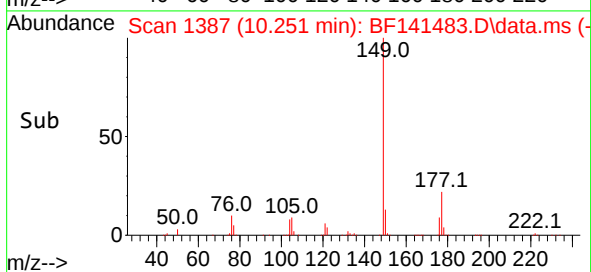
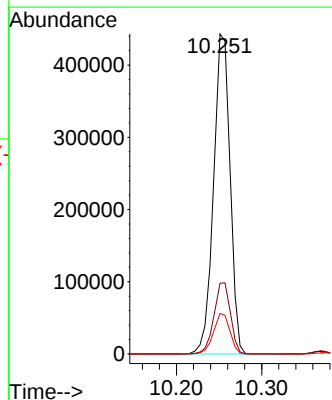
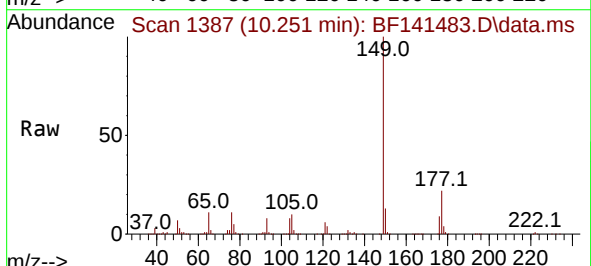
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

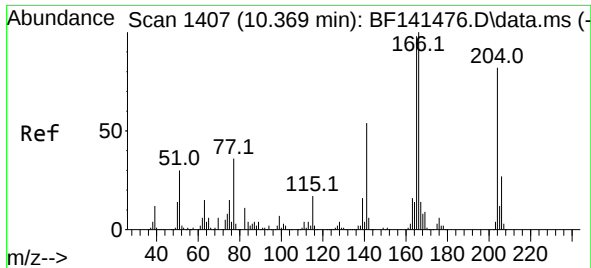
Tgt Ion:232 Resp: 155945
Ion Ratio Lower Upper
232 100
131 48.3 39.2 58.8
130 2.5 2.1 3.1
166 30.8 25.1 37.7



#60
Diethylphthalate
Concen: 43.158 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:149 Resp: 596065
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.6 10.1 15.1

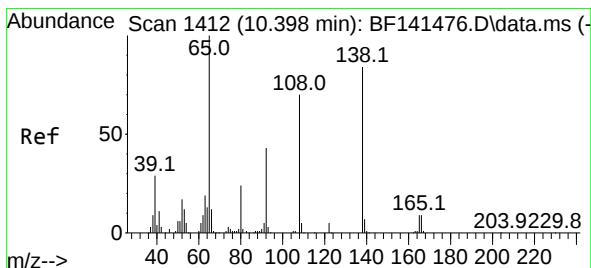
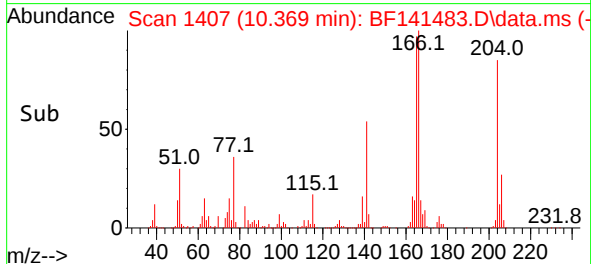
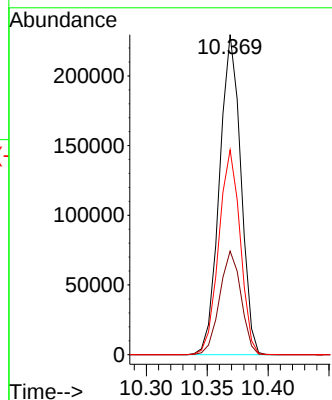
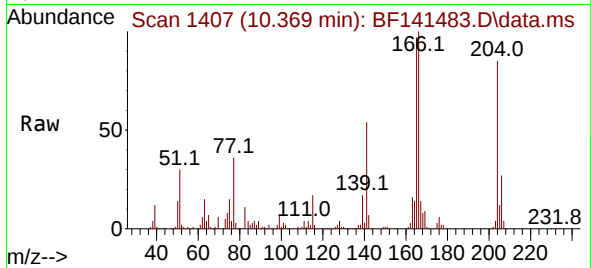




#61
4-Chlorophenyl-phenylether
Concen: 43.313 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

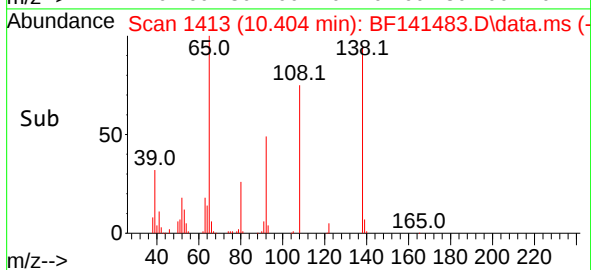
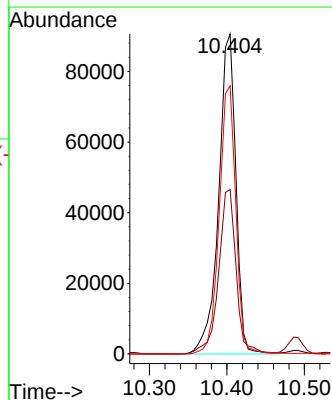
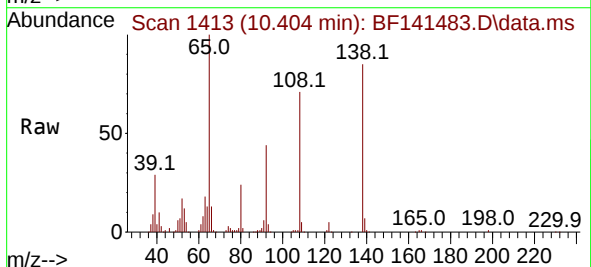
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

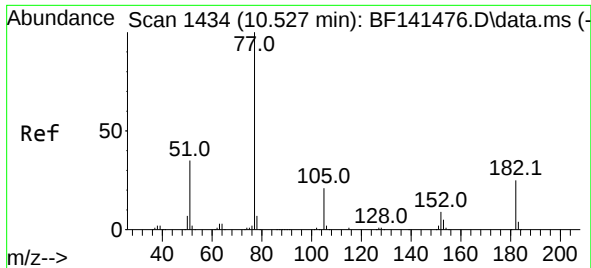
Tgt Ion:204 Resp: 280329
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 64.0 51.9 77.9



#62
4-Nitroaniline
Concen: 41.733 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:138 Resp: 139964
Ion Ratio Lower Upper
138 100
92 51.4 31.3 71.3
108 83.8 63.7 103.7

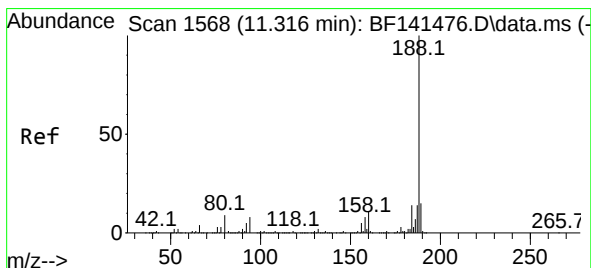
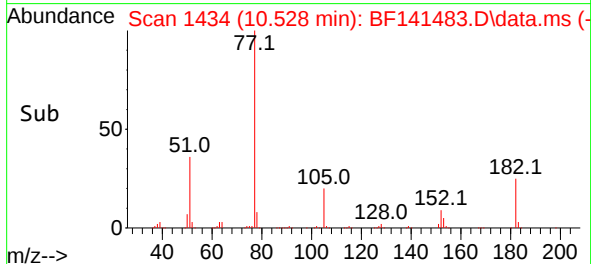
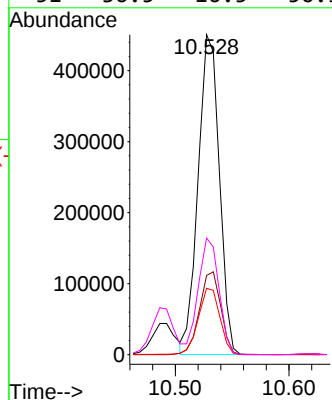
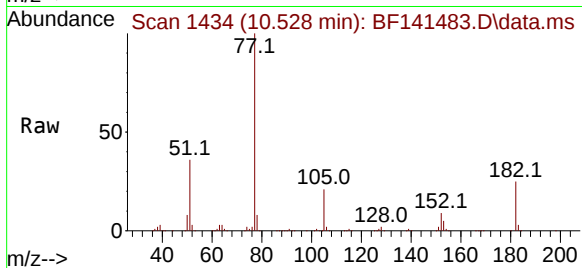




#63
Azobenzene
Concen: 42.490 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

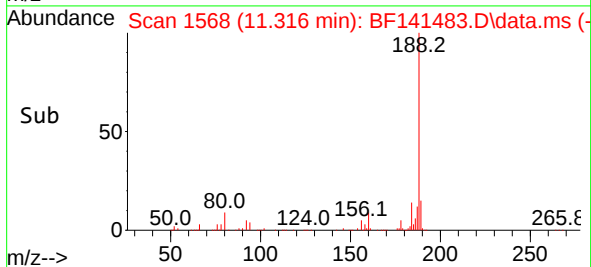
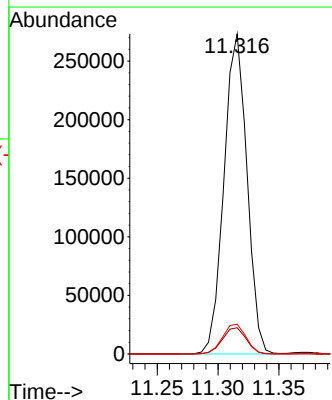
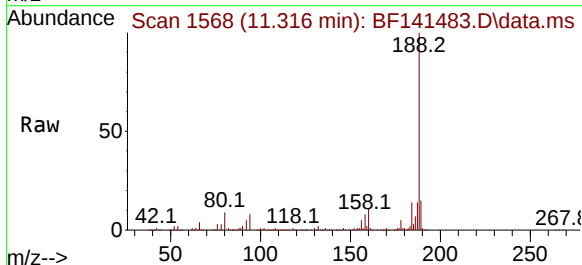
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

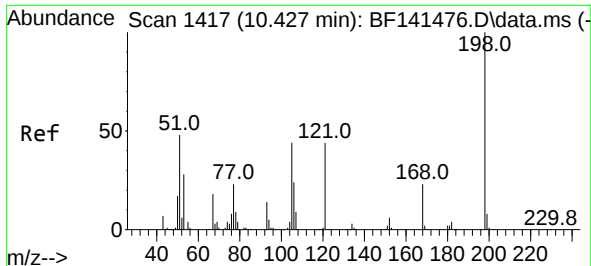
Tgt Ion: 77 Resp: 583393
Ion Ratio Lower Upper
77 100
182 24.8 4.7 44.7
105 20.7 0.4 40.4
51 36.5 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:188 Resp: 358845
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.3 7.3 10.9

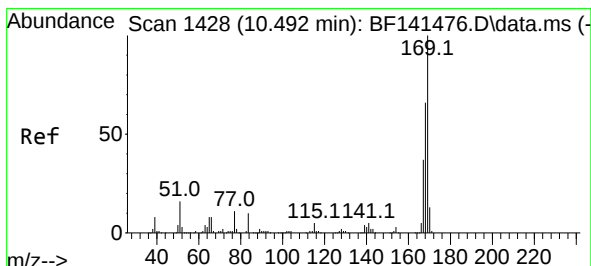
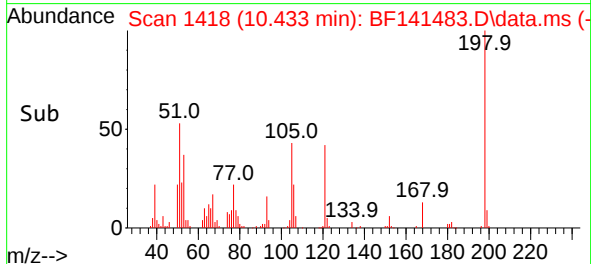
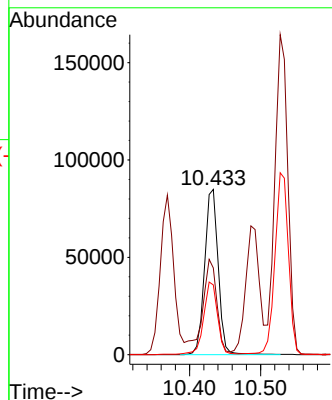
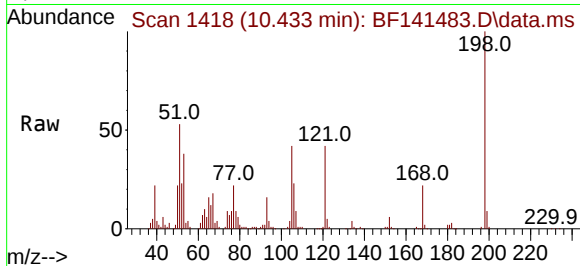




#65
4,6-Dinitro-2-methylphenol
Concen: 45.418 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

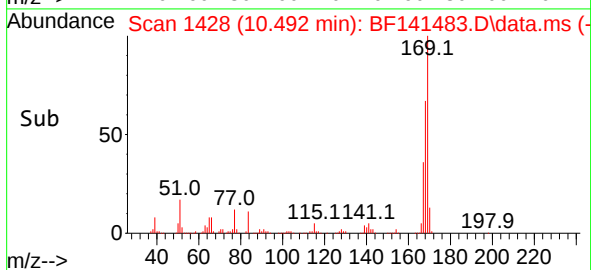
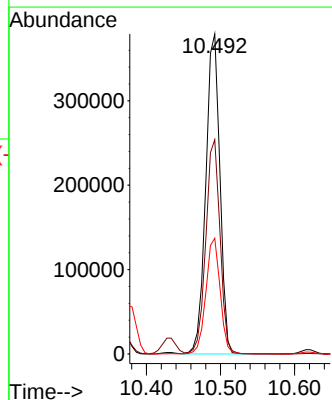
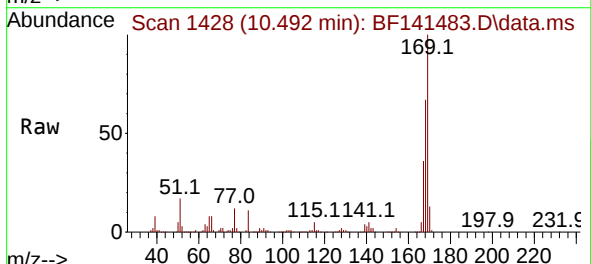
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:198 Resp: 113214
Ion Ratio Lower Upper
198 100
51 52.5 37.4 77.4
105 42.2 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 43.619 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:169 Resp: 501045
Ion Ratio Lower Upper
169 100
168 67.0 53.3 79.9
167 36.2 29.4 44.2

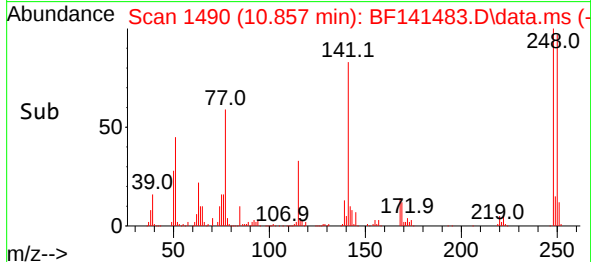
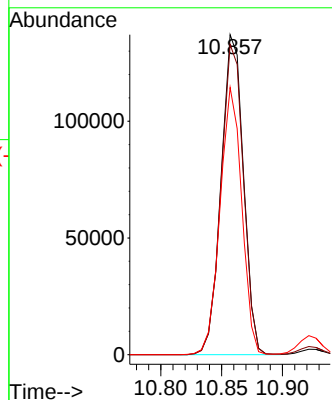
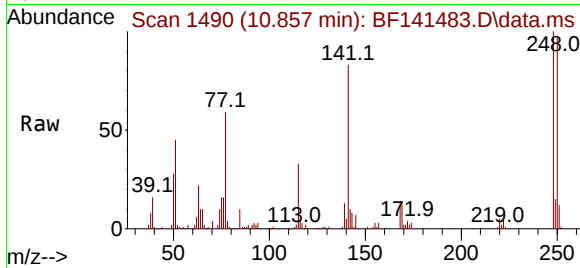




#67
4-Bromophenyl-phenylether
Concen: 43.762 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

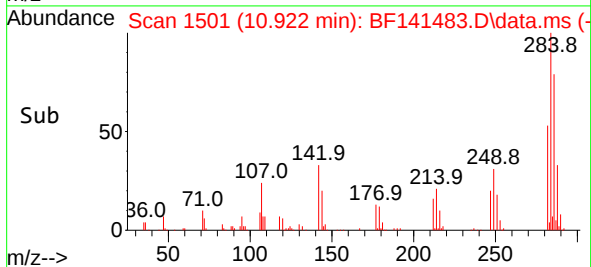
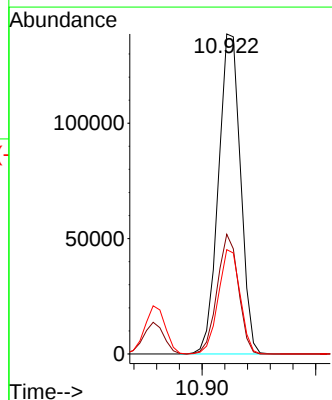
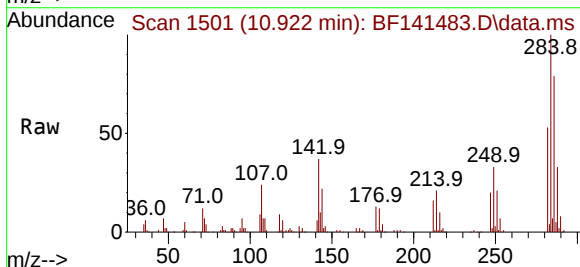
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

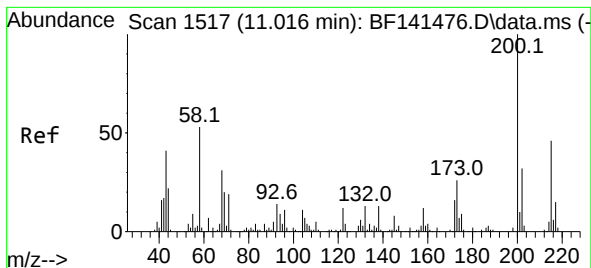
Tgt Ion:248 Resp: 175510
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.6
141 83.5 60.6 90.8



#68
Hexachlorobenzene
Concen: 45.421 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:284 Resp: 187578
Ion Ratio Lower Upper
284 100
142 37.4 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 57.840 ng

RT: 11.022 min Scan# 1518

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

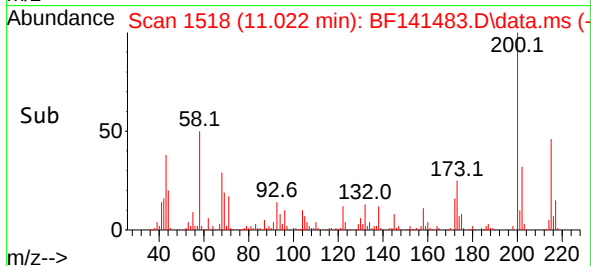
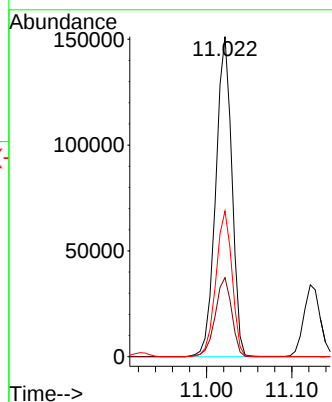
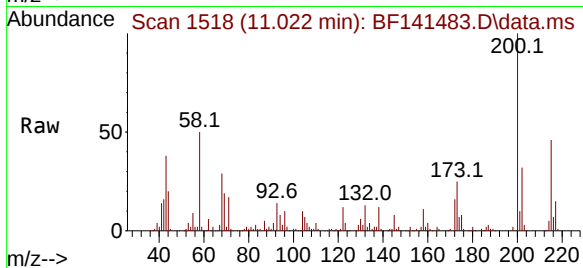
Tgt Ion:200 Resp: 199322

Ion Ratio Lower Upper

200 100

173 24.7 5.9 45.9

215 45.5 25.9 65.9



#70

Pentachlorophenol

Concen: 89.053 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

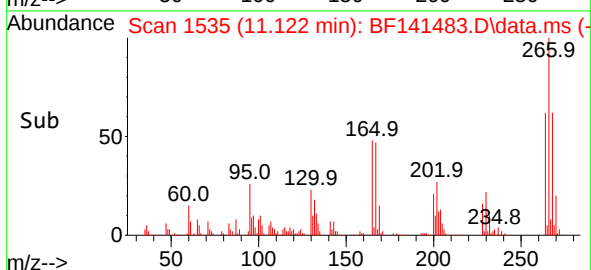
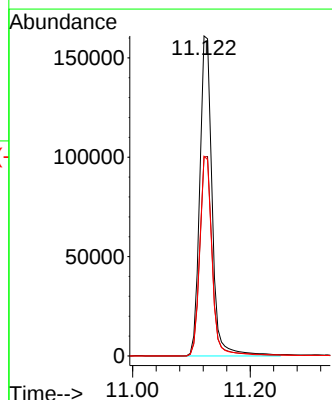
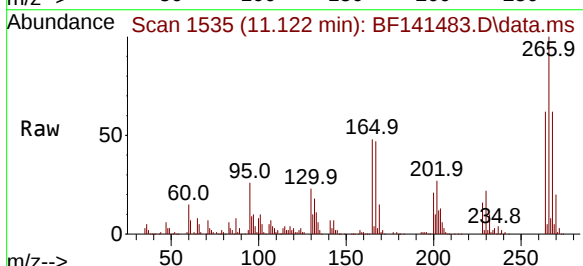
Tgt Ion:266 Resp: 235159

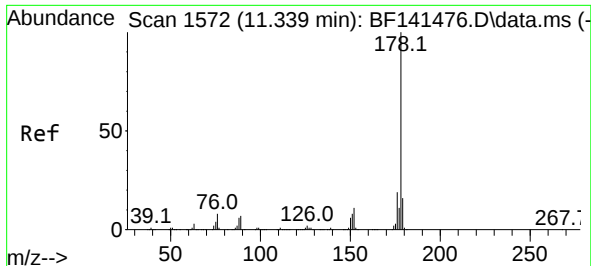
Ion Ratio Lower Upper

266 100

268 62.2 50.1 75.1

264 62.4 50.1 75.1

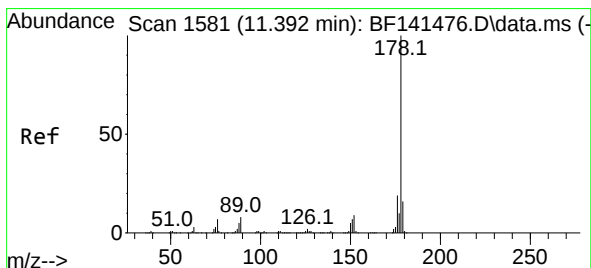
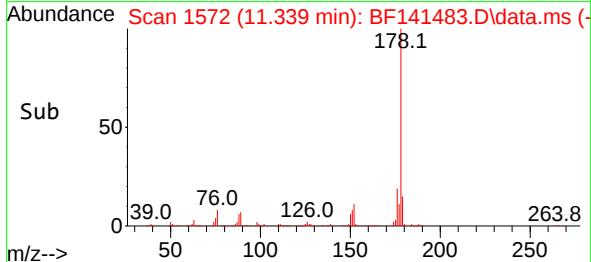
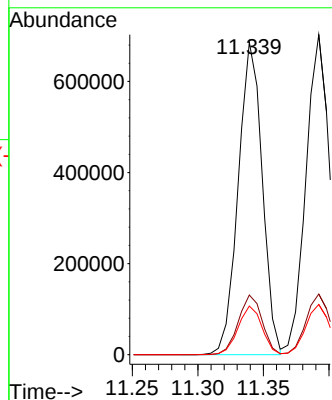
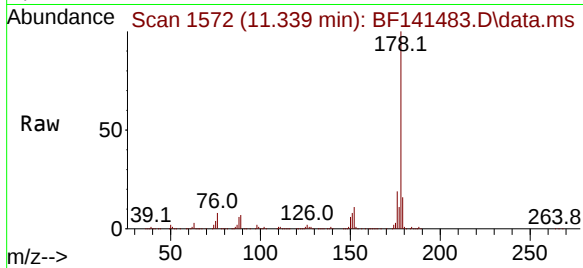




#71
Phenanthrene
Concen: 44.270 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

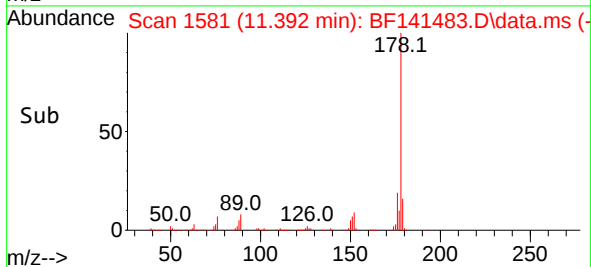
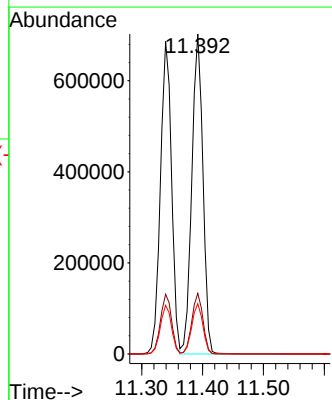
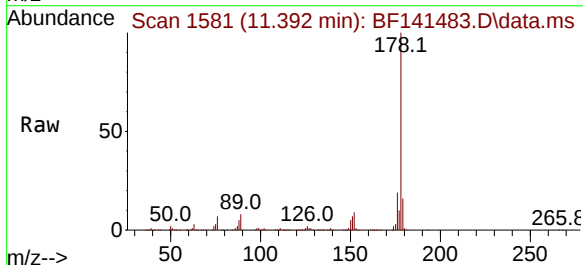
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

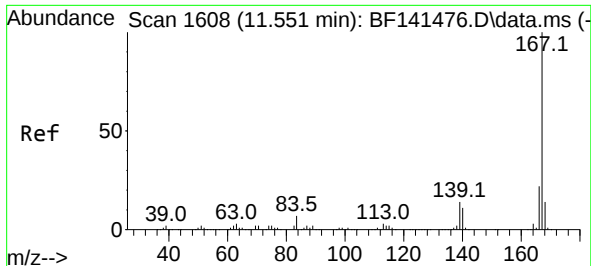
Tgt Ion:178 Resp: 874464
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.4 18.6



#72
Anthracene
Concen: 44.864 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:178 Resp: 890846
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.4 18.6

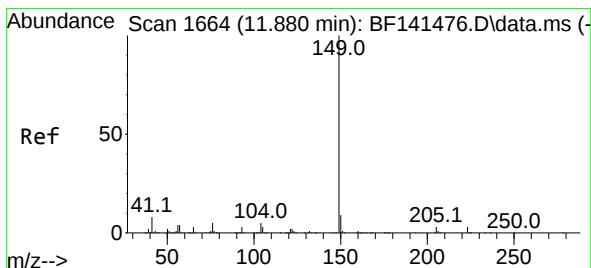
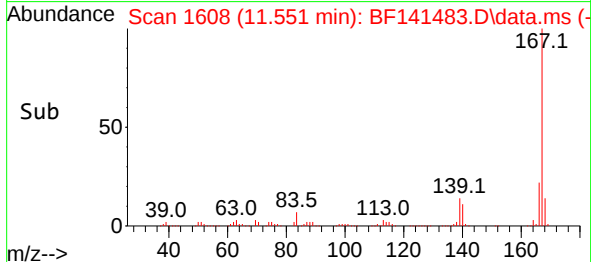
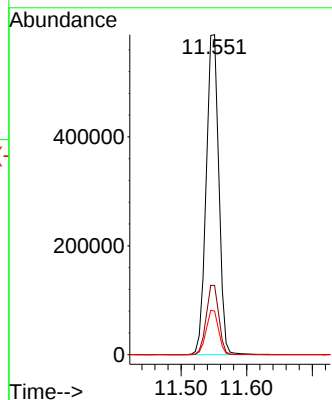
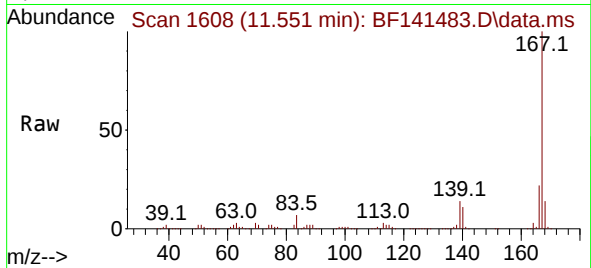




#73
 Carbazole
 Concen: 44.235 ng
 RT: 11.551 min Scan# 1608
 Delta R.T. 0.000 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

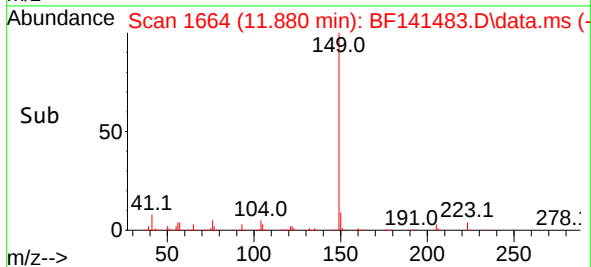
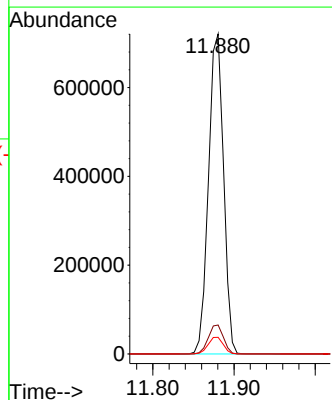
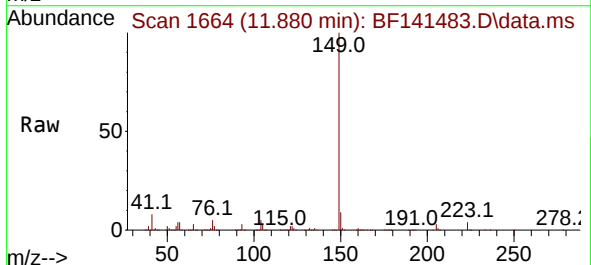
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

Tgt Ion:167 Resp: 790327
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 44.877 ng
 RT: 11.880 min Scan# 1664
 Delta R.T. 0.000 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

Tgt Ion:149 Resp: 925802
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.2 6.2

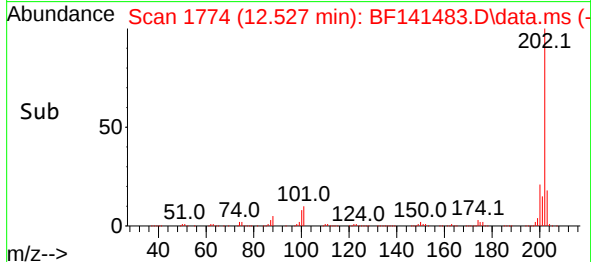
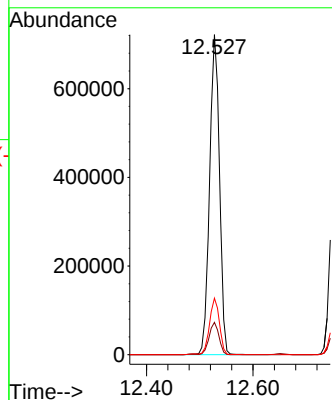
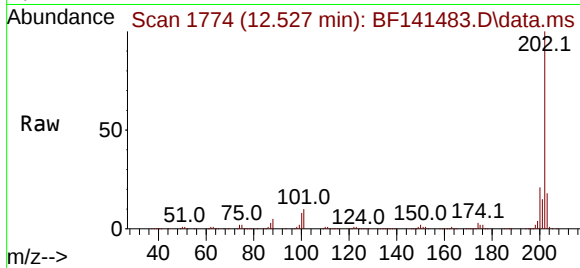




#75
Fluoranthene
Concen: 44.565 ng
RT: 12.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

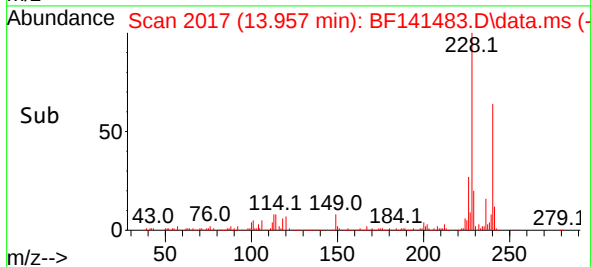
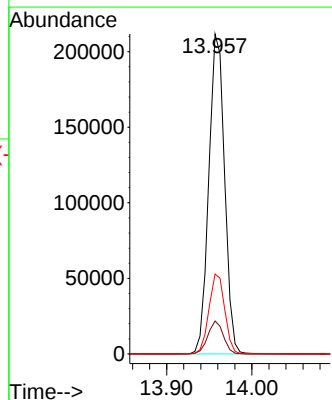
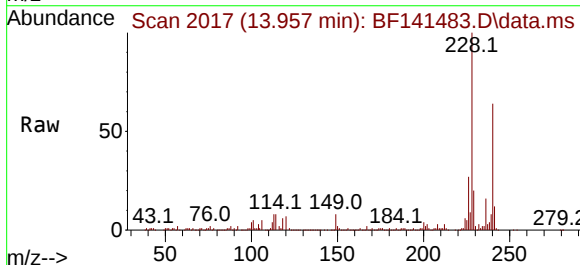
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

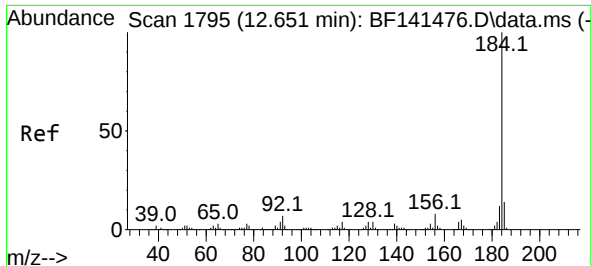
Tgt Ion:202 Resp: 933273
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:240 Resp: 272627
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.0 19.8 29.8

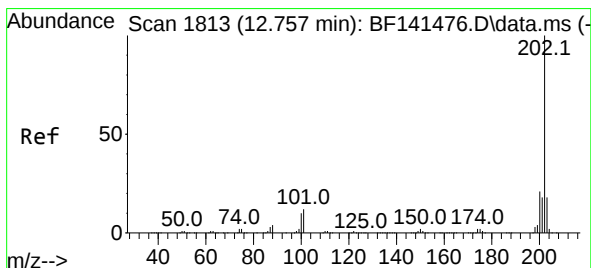
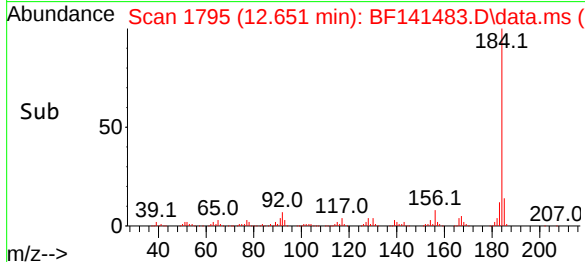
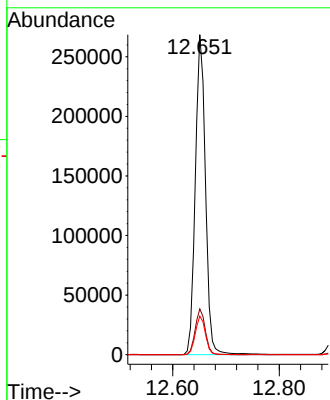
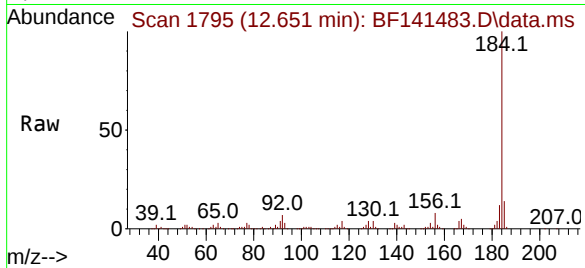




#77
Benzidine
Concen: 59.053 ng
RT: 12.651 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

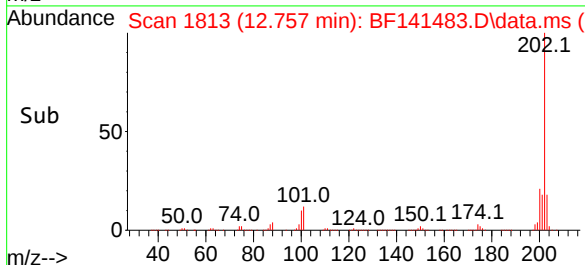
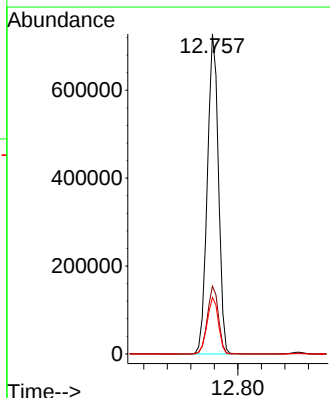
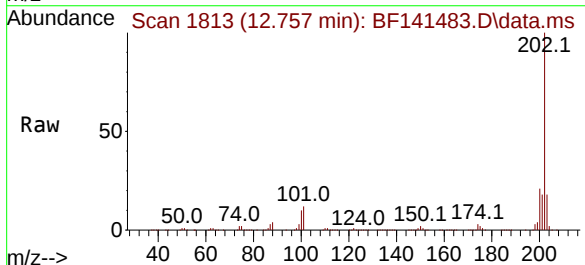
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:184 Resp: 355064
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.0 9.3 13.9



#78
Pyrene
Concen: 41.144 ng
RT: 12.757 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:202 Resp: 954862
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.7 14.3 21.5

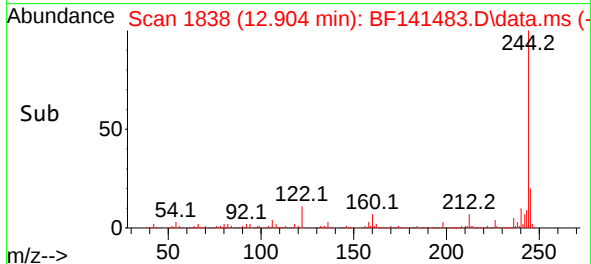
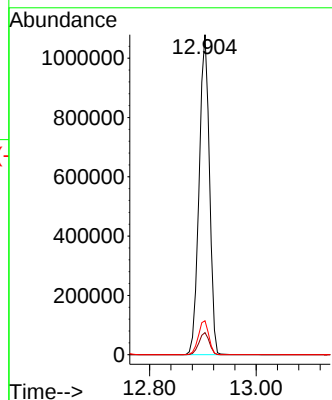
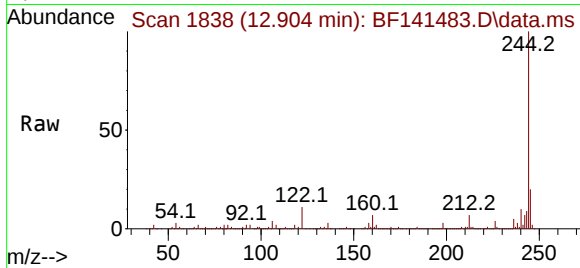




#79
 Terphenyl-d14
 Concen: 89.889 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

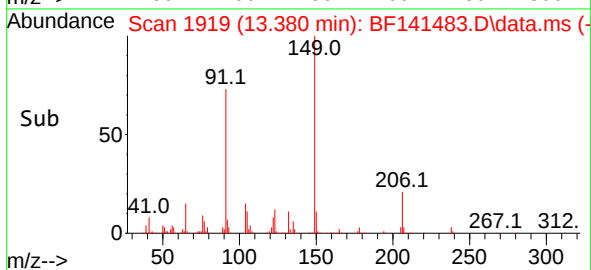
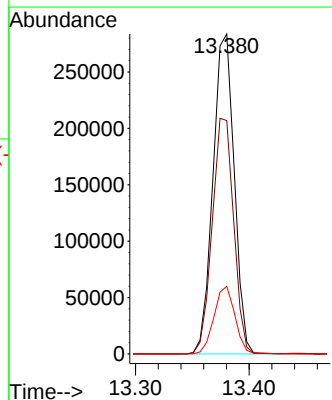
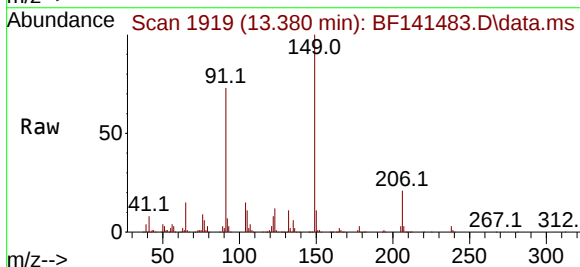
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BSD

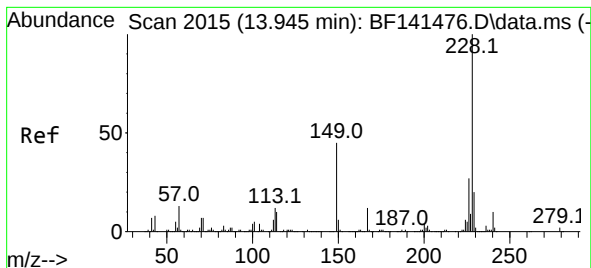
Tgt Ion:244 Resp: 1451646
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 45.973 ng
 RT: 13.380 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF141483.D
 Acq: 06 Feb 2025 16:36

Tgt Ion:149 Resp: 369557
 Ion Ratio Lower Upper
 149 100
 91 73.0 57.8 86.8
 206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 44.847 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

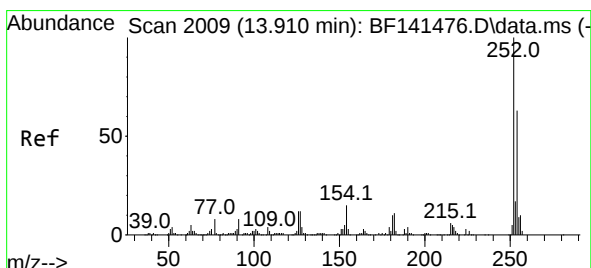
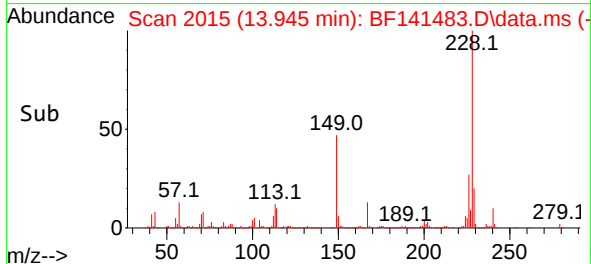
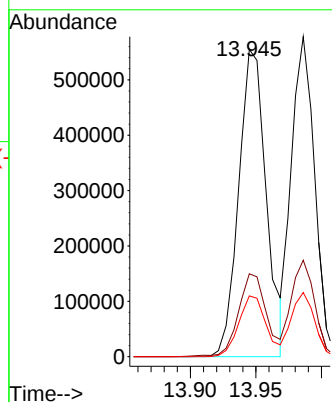
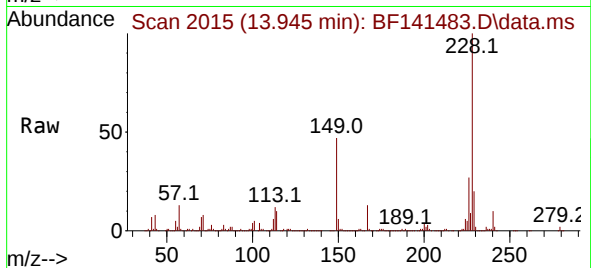
Tgt Ion:228 Resp: 812744

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.8 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 33.044 ng

RT: 13.910 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

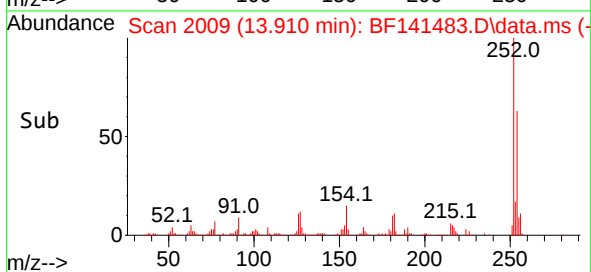
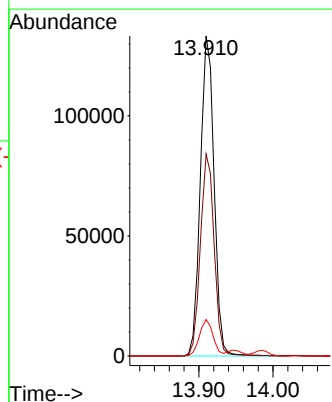
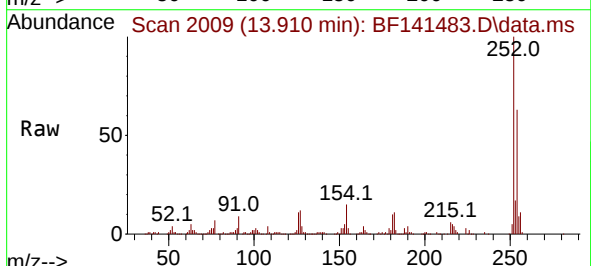
Tgt Ion:252 Resp: 171542

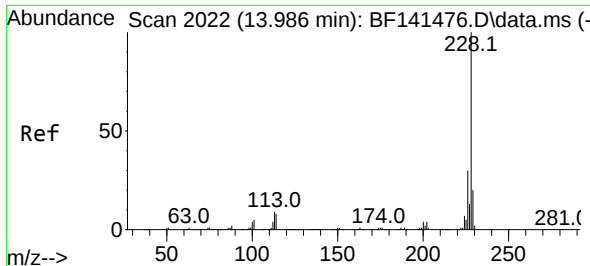
Ion Ratio Lower Upper

252 100

254 63.0 50.6 76.0

126 11.4 9.3 13.9

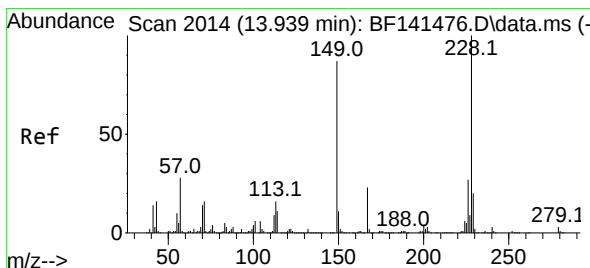
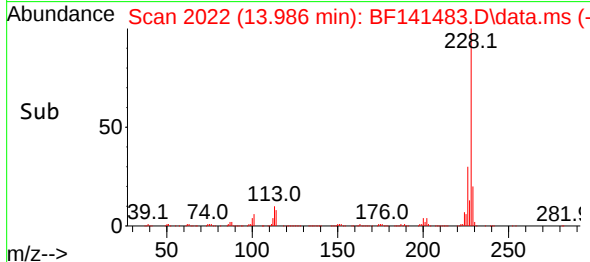
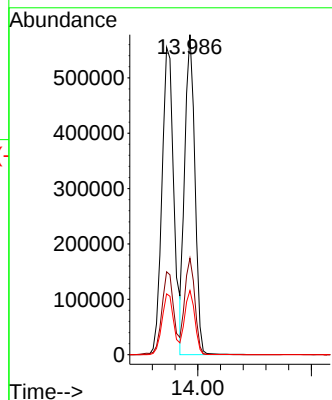
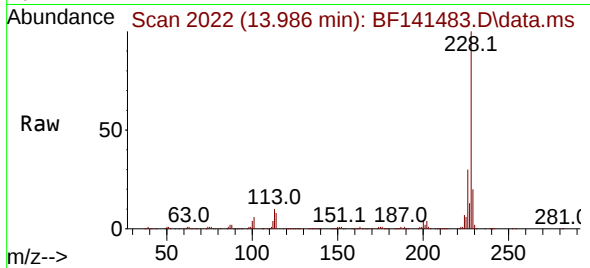




#83
Chrysene
Concen: 42.643 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

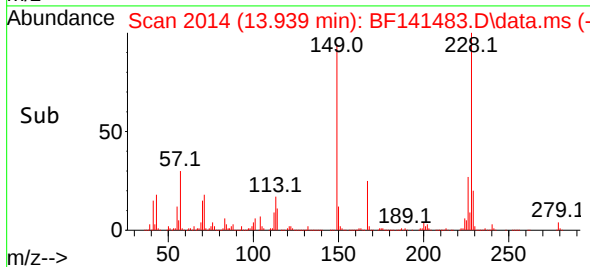
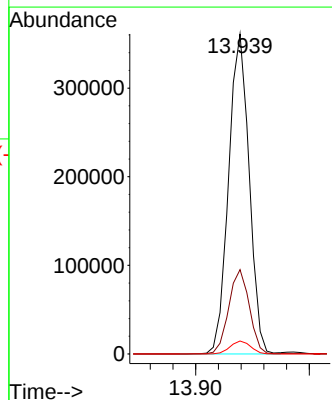
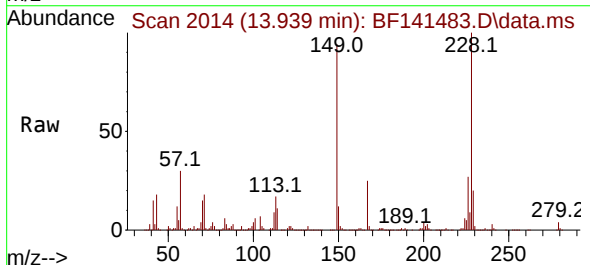
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

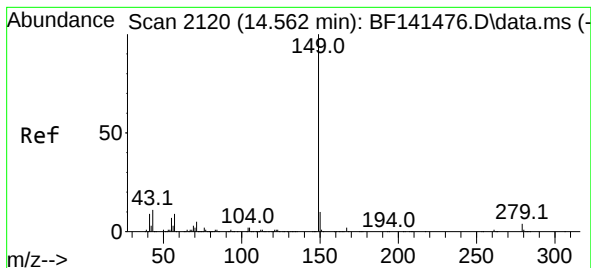
Tgt Ion:228 Resp: 713556
Ion Ratio Lower Upper
228 100
226 30.2 24.0 36.0
229 20.1 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.979 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:149 Resp: 453122
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 4.1 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 51.021 ng

RT: 14.563 min Scan# 2120

Delta R.T. 0.000 min

Lab File: BF141483.D

Acq: 06 Feb 2025 16:36

Instrument :

BNA_F

ClientSampleId :

PB166468BSD

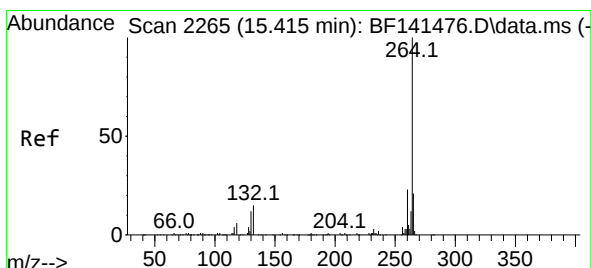
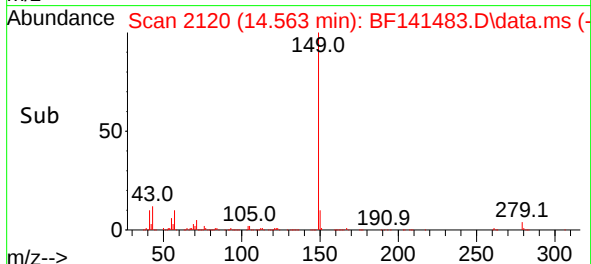
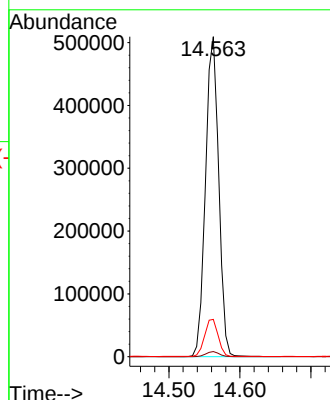
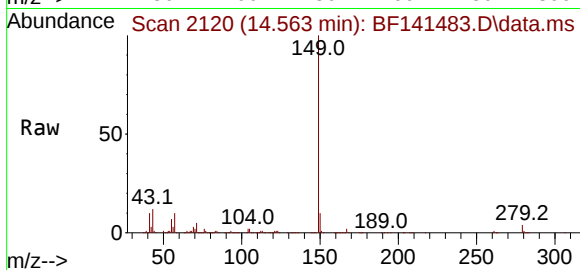
Tgt Ion:149 Resp: 659898

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: BF141483.D

Acq: 06 Feb 2025 16:36

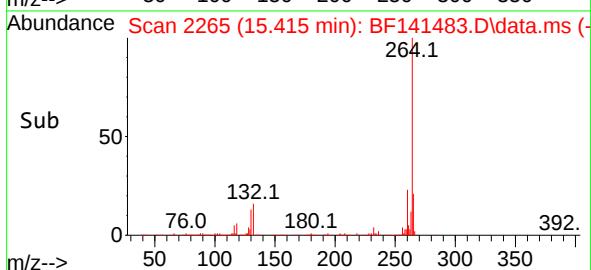
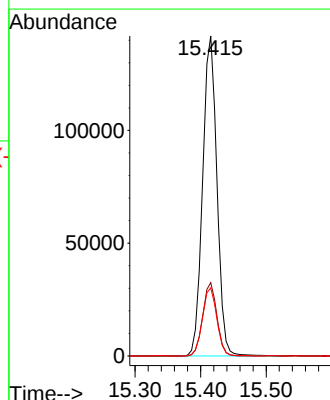
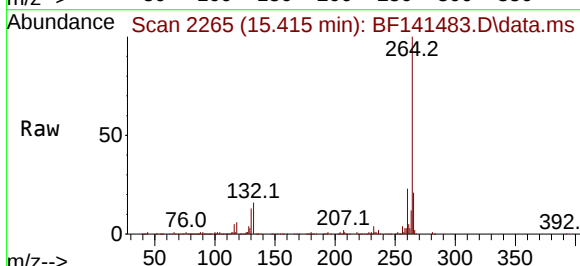
Tgt Ion:264 Resp: 215428

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.3 17.0 25.4

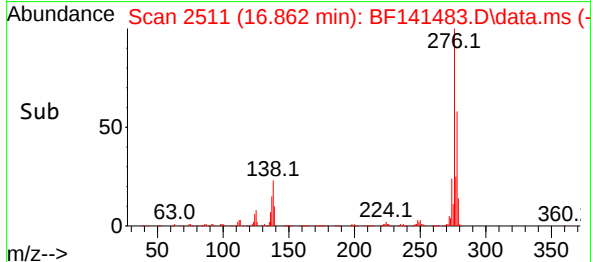
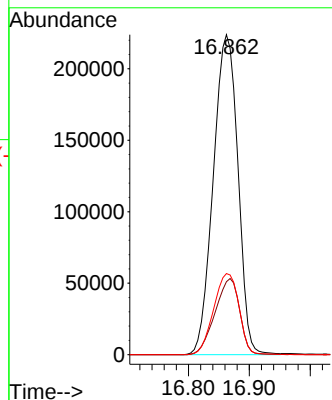
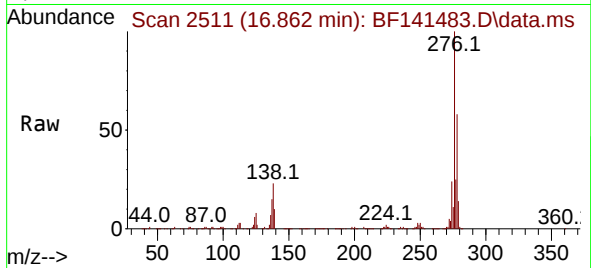




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.245 ng
RT: 16.862 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

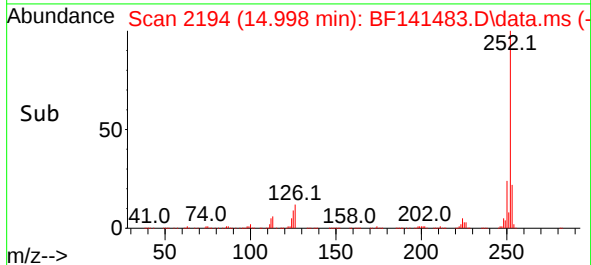
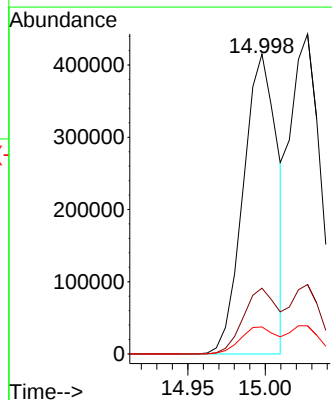
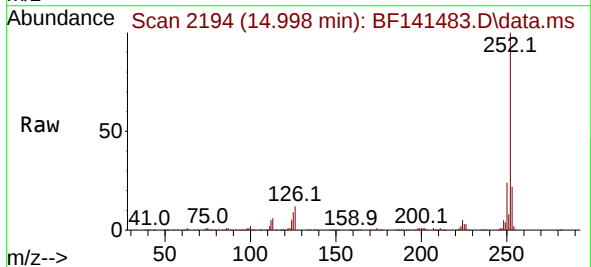
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

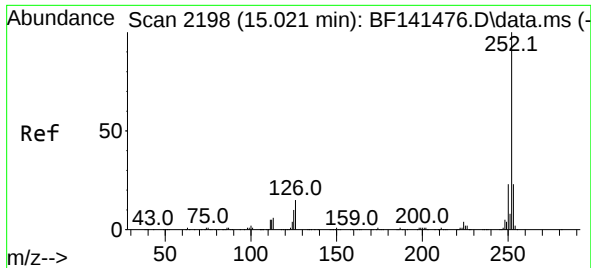
Tgt Ion:276 Resp: 628876
Ion Ratio Lower Upper
276 100
138 23.8 18.0 27.0
277 26.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 43.679 ng
RT: 14.998 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:252 Resp: 631813
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.0 10.6

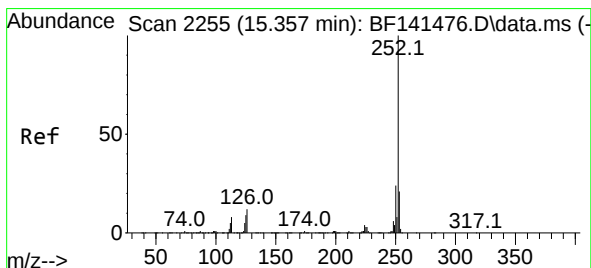
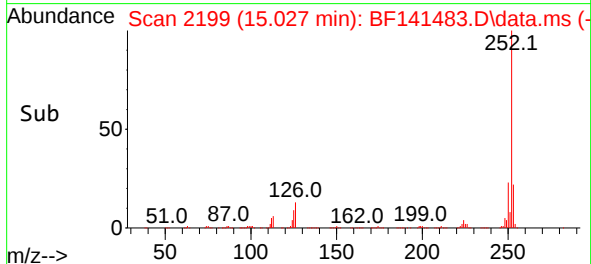
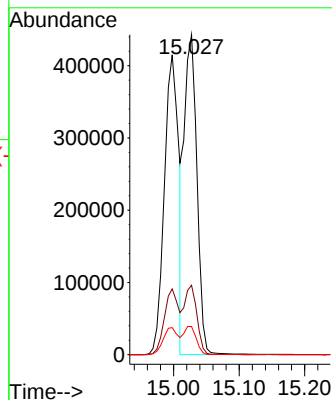
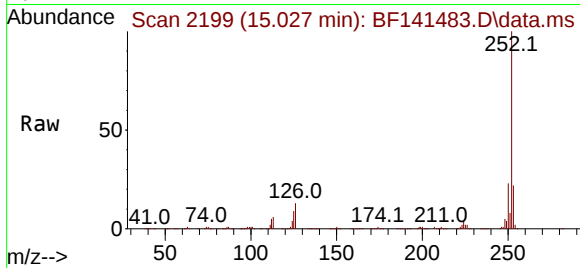




#89
Benzo(k)fluoranthene
Concen: 48.202 ng
RT: 15.027 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

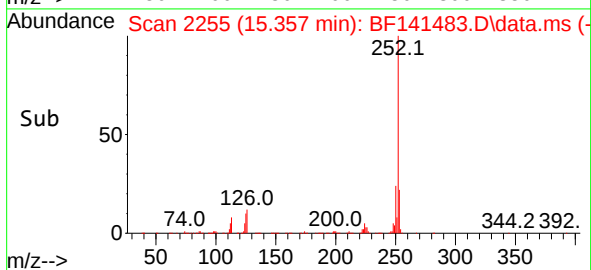
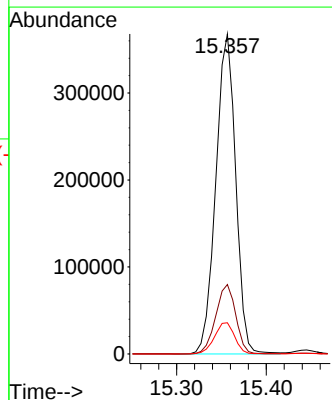
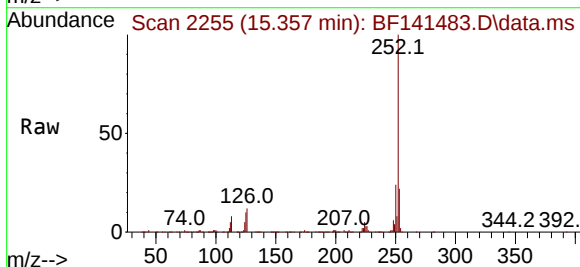
Instrument :
BNA_F
ClientSampleId :
PB166468BSD

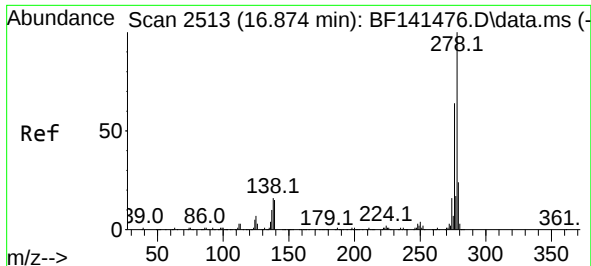
Tgt Ion:252 Resp: 595384
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 48.332 ng
RT: 15.357 min Scan# 2255
Delta R.T. -0.006 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:252 Resp: 565702
Ion Ratio Lower Upper
252 100
253 21.7 17.1 25.7
125 9.8 7.4 11.2

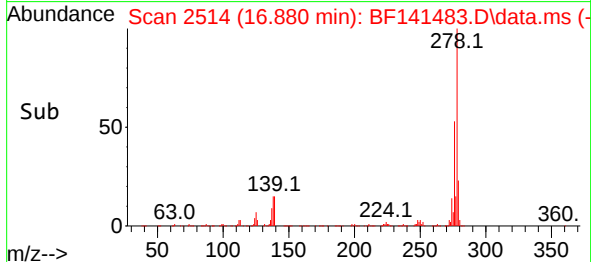
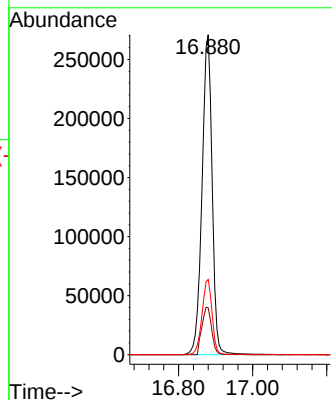
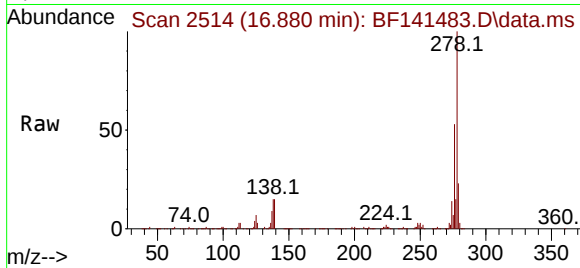




#91
Dibenzo(a,h)anthracene
Concen: 47.614 ng
RT: 16.880 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Instrument :
BNA_F
ClientSampleId :
PB166468BSD

Tgt Ion:278 Resp: 513551
Ion Ratio Lower Upper
278 100
139 14.7 11.8 17.6
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.827 ng
RT: 17.298 min Scan# 2585
Delta R.T. -0.018 min
Lab File: BF141483.D
Acq: 06 Feb 2025 16:36

Tgt Ion:276 Resp: 494669
Ion Ratio Lower Upper
276 100
277 23.0 18.6 28.0
138 19.9 15.9 23.9

