

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141583.D
 Acq On : 12 Feb 2025 12:09
 Operator : RC/JU
 Sample : PB166681BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166681BS

Quant Time: Feb 12 12:30:42 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	94551	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	374274	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	204775	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	350908	20.000	ng	0.00
76) Chrysene-d12	13.951	240	226735	20.000	ng	-0.01
86) Perylene-d12	15.404	264	205548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	805758	133.602	ng	0.01
7) Phenol-d6	6.434	99	1002804	131.555	ng	0.00
23) Nitrobenzene-d5	7.357	82	663720	92.495	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	285551	138.815	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1260668	94.847	ng	0.00
79) Terphenyl-d14	12.898	244	1357282	101.057	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.587	88	97435	40.140	ng	100
3) Pyridine	3.322	79	230283	39.868	ng	96
4) n-Nitrosodimethylamine	3.269	42	157729	41.240	ng	95
6) Aniline	6.451	93	237656	33.236	ng	# 79
8) 2-Chlorophenol	6.575	128	286927	44.029	ng	100
9) Benzaldehyde	6.340	77	159995	39.498	ng	99
10) Phenol	6.445	94	335823	42.328	ng	100
11) bis(2-Chloroethyl)ether	6.528	93	261511	43.884	ng	100
12) 1,3-Dichlorobenzene	6.728	146	302618	43.986	ng	97
13) 1,4-Dichlorobenzene	6.804	146	304462	43.314	ng	99
14) 1,2-Dichlorobenzene	6.957	146	290033	44.456	ng	99
15) Benzyl Alcohol	6.934	79	251654	43.051	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	438259	42.963	ng	82
17) 2-Methylphenol	7.051	107	224537	44.029	ng	98
18) Hexachloroethane	7.298	117	114665	44.077	ng	97
19) n-Nitroso-di-n-propyla...	7.204	70	201419	44.175	ng	97
20) 3+4-Methylphenols	7.204	107	288143	44.459	ng	97
22) Acetophenone	7.198	105	439127	47.166	ng	97
24) Nitrobenzene	7.375	77	303173	43.328	ng	99
25) Isophorone	7.610	82	539709	47.171	ng	98
26) 2-Nitrophenol	7.686	139	156371	44.918	ng	96
27) 2,4-Dimethylphenol	7.728	122	230166	56.595	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	330306	45.053	ng	100
29) 2,4-Dichlorophenol	7.934	162	242236	44.084	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	257961	43.110	ng	98
31) Naphthalene	8.092	128	833809	42.798	ng	100
32) Benzoic acid	7.869	122	180272	42.675	ng	99
33) 4-Chloroaniline	8.145	127	100672	14.800	ng	98
34) Hexachlorobutadiene	8.204	225	160960	44.807	ng	99
35) Caprolactam	8.522	113	52873	31.603	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	268991	44.193	ng	98
37) 2-Methylnaphthalene	8.781	142	526006	41.490	ng	99
38) 1-Methylnaphthalene	8.881	142	517028	42.107	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	288430	48.685	ng	99
41) Hexachlorocyclopentadiene	8.933	237	300672	152.587	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	169187	44.185	ng	99

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 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	182620	44.007	ng	99
46) 1,1'-Biphenyl	9.245	154	777421	48.969	ng	100
47) 2-Chloronaphthalene	9.275	162	524696	44.694	ng	99
48) 2-Nitroaniline	9.369	65	174642	44.327	ng	100
49) Acenaphthylene	9.686	152	816465	46.758	ng	99
50) Dimethylphthalate	9.551	163	630569	45.359	ng	99
51) 2,6-Dinitrotoluene	9.616	165	137968	45.399	ng	97
52) Acenaphthene	9.857	154	506343	43.133	ng	99
53) 3-Nitroaniline	9.780	138	73058	22.336	ng	99
54) 2,4-Dinitrophenol	9.898	184	165679	91.730	ng	92
55) Dibenzofuran	10.033	168	731025	42.425	ng	100
56) 4-Nitrophenol	9.963	139	214480	88.333	ng	95
57) 2,4-Dinitrotoluene	10.022	165	185410	45.830	ng	99
58) Fluorene	10.375	166	580217	43.550	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155035	43.394	ng	97
60) Diethylphthalate	10.251	149	606216	44.322	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	284793	44.433	ng	98
62) 4-Nitroaniline	10.398	138	138742	41.774	ng	99
63) Azobenzene	10.527	77	583788	42.934	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	109151	44.778	ng	95
66) n-Nitrosodiphenylamine	10.486	169	513324	45.698	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	177705	45.311	ng	98
68) Hexachlorobenzene	10.922	284	185983	46.053	ng	99
69) Atrazine	11.016	200	196209	58.224	ng	99
70) Pentachlorophenol	11.122	266	212247	82.194	ng	99
71) Phenanthrene	11.339	178	876210	45.362	ng	100
72) Anthracene	11.386	178	900285	46.365	ng	100
73) Carbazole	11.545	167	764433	43.753	ng	100
74) Di-n-butylphthalate	11.874	149	910957	45.156	ng	100
75) Fluoranthene	12.521	202	870386	42.502	ng	100
77) Benzidine	12.645	184	258406	51.676	ng	98
78) Pyrene	12.751	202	872751	45.217	ng	100
80) Butylbenzylphthalate	13.374	149	321890	48.148	ng	97
81) Benzo(a)anthracene	13.945	228	689947	45.777	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	127533	29.539	ng	97
83) Chrysene	13.980	228	611871	43.967	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	397991	52.783	ng	99
85) Di-n-octyl phthalate	14.545	149	614409	57.119	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	616213	48.518	ng	99
88) Benzo(b)fluoranthene	14.986	252	565975	41.008	ng	99
89) Benzo(k)fluoranthene	15.015	252	561385	47.634	ng	99
90) Benzo(a)pyrene	15.345	252	529397	47.404	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	496580	48.253	ng	99
92) Benzo(g,h,i)perylene	17.280	276	482020	44.759	ng	99

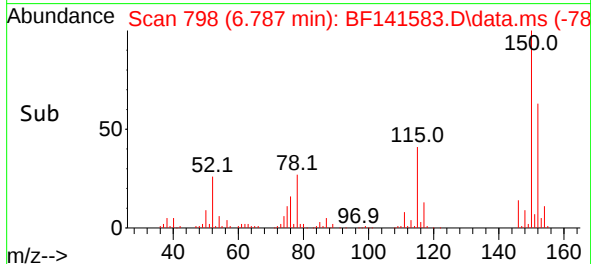
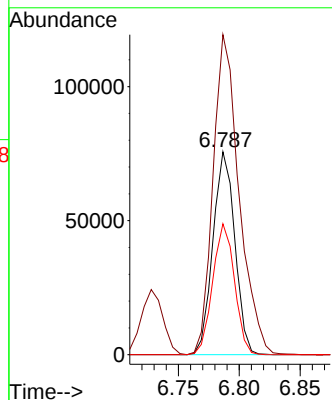
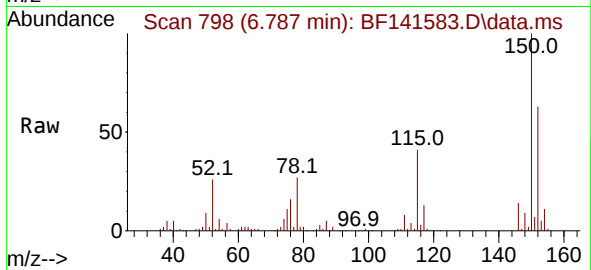
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

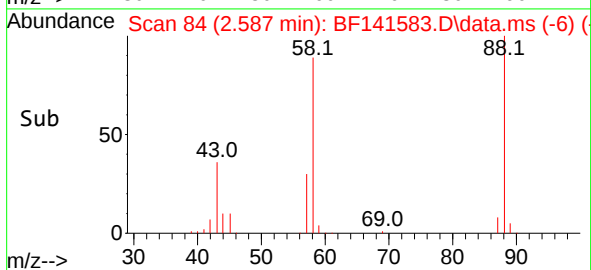
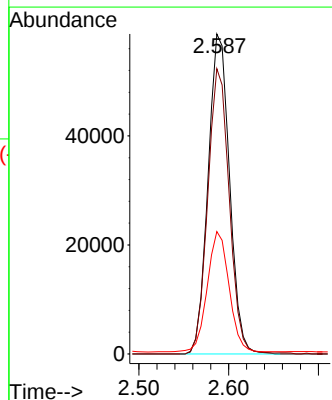
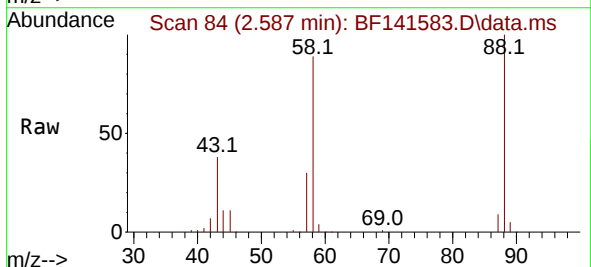
Instrument :
 BNA_F
 ClientSampleId :
 PB166681BS

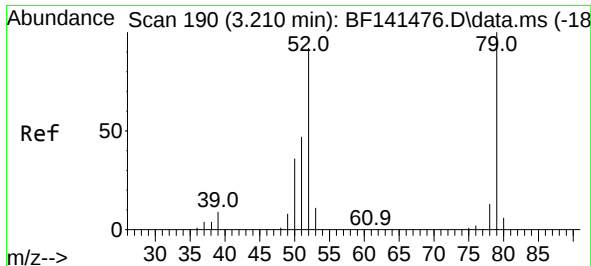
Tgt Ion:152 Resp: 94551
 Ion Ratio Lower Upper
 152 100
 150 157.7 125.0 187.4
 115 64.5 53.6 80.4



#2
 1,4-Dioxane
 Concen: 40.140 ng
 RT: 2.587 min Scan# 84
 Delta R.T. 0.106 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Tgt Ion: 88 Resp: 97435
 Ion Ratio Lower Upper
 88 100
 58 89.3 71.1 106.7
 43 38.3 30.6 46.0





#3

Pyridine

Concen: 39.868 ng

RT: 3.322 min Scan# 200

Delta R.T. 0.106 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

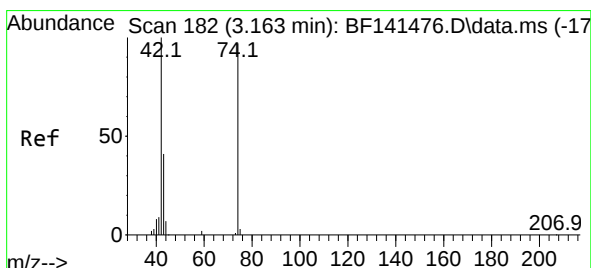
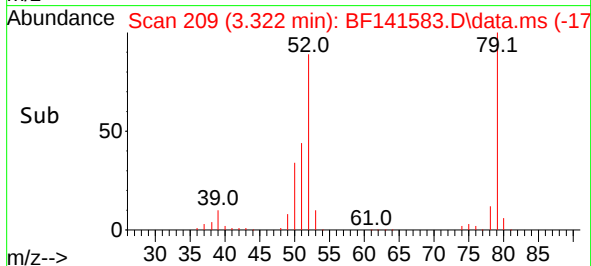
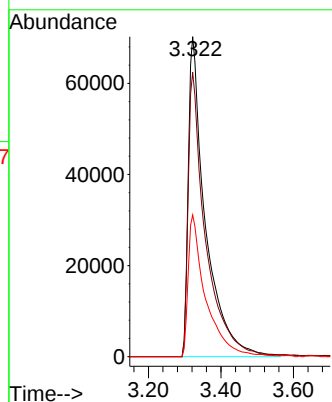
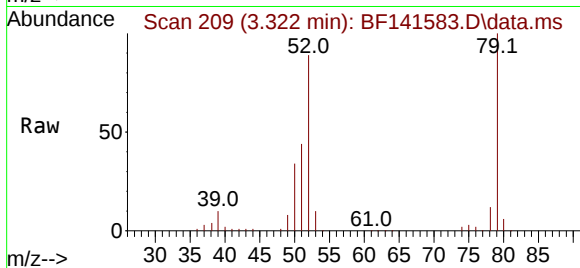
Tgt Ion: 79 Resp: 230283

Ion Ratio Lower Upper

79 100

52 88.9 73.7 110.5

51 44.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.240 ng

RT: 3.269 min Scan# 200

Delta R.T. 0.082 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

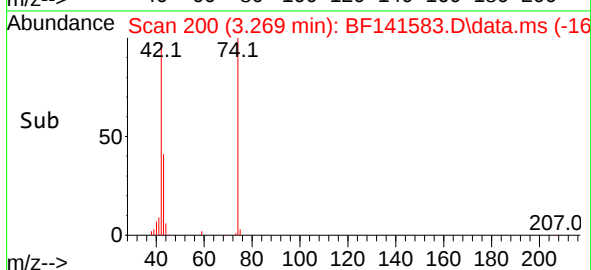
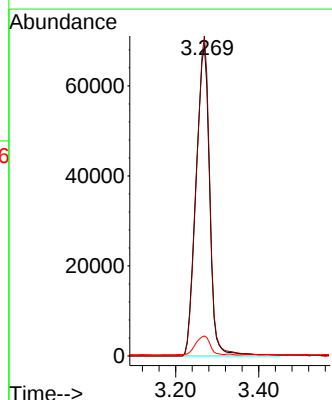
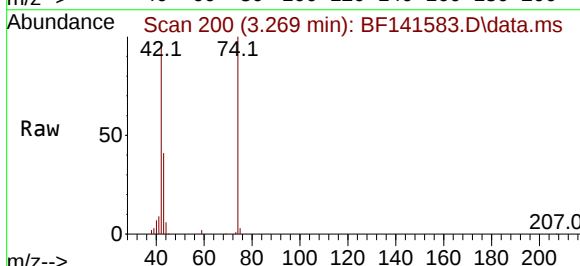
Tgt Ion: 42 Resp: 157729

Ion Ratio Lower Upper

42 100

74 103.1 78.0 117.0

44 6.4 5.4 8.2

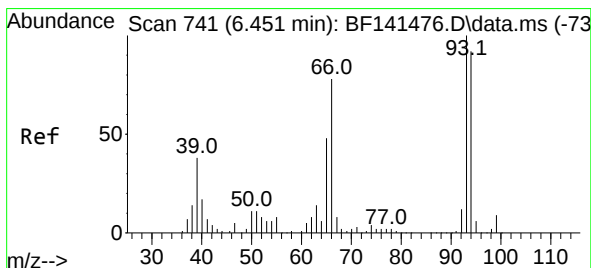
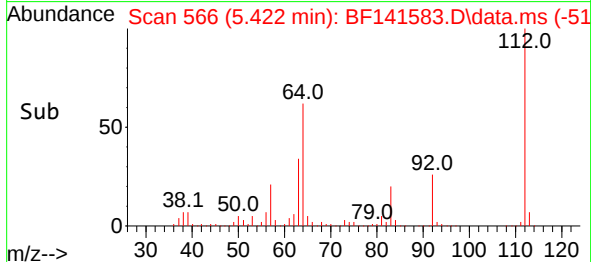
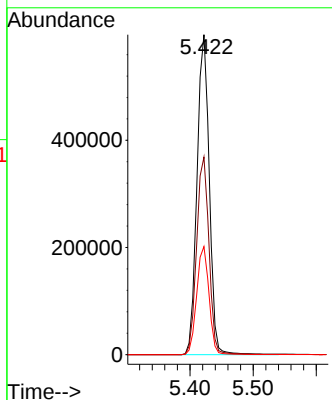
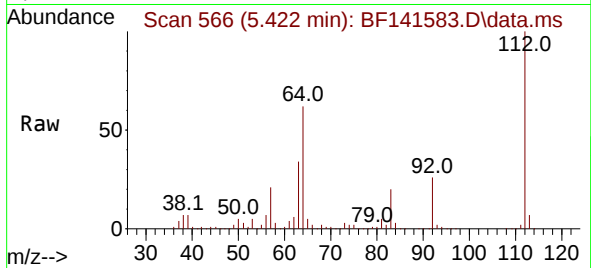




#5
2-Fluorophenol
Concen: 133.602 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

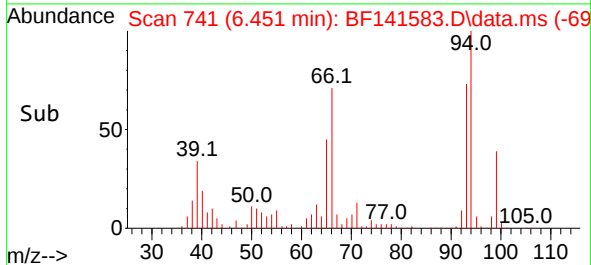
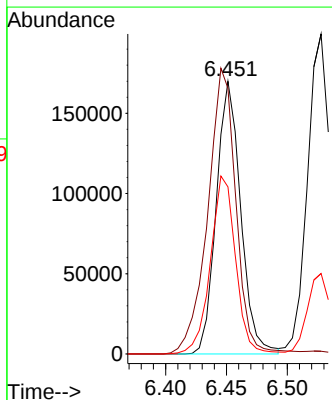
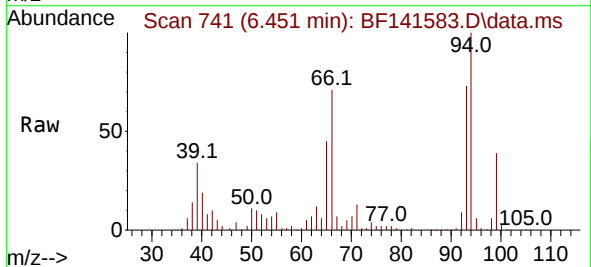
Instrument :
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Tgt Ion:112 Resp: 805758
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 33.8 28.4 42.6



#6
Aniline
Concen: 33.236 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 93 Resp: 237656
Ion Ratio Lower Upper
93 100
66 97.4 62.6 94.0#
65 61.3 38.3 57.5#

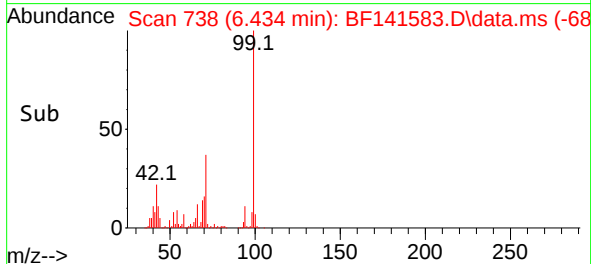
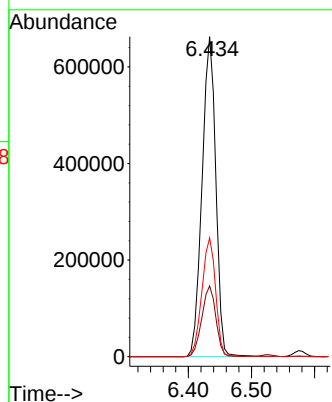
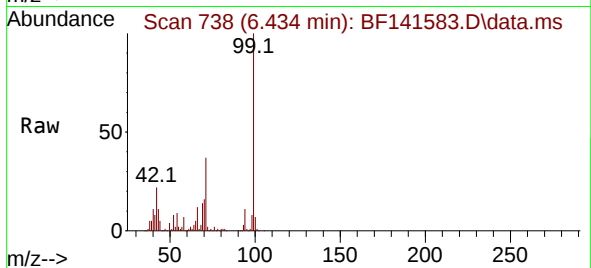




#7
Phenol-d6
Concen: 131.555 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

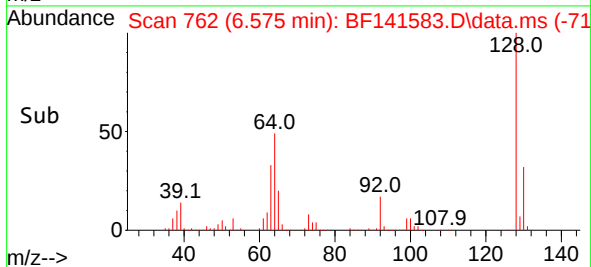
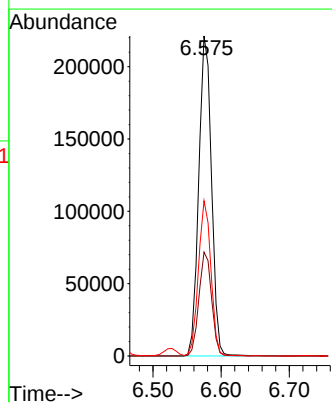
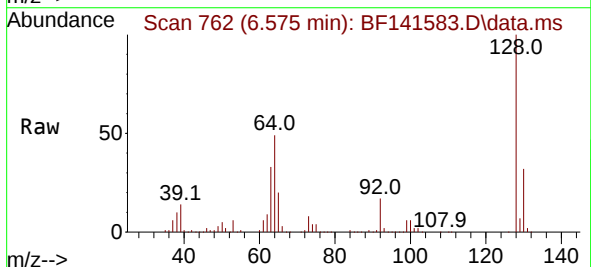
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion: 99 Resp: 1002804
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.1 31.1 46.7



#8
2-Chlorophenol
Concen: 44.029 ng
RT: 6.575 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:128 Resp: 286927
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 48.5 28.3 68.3

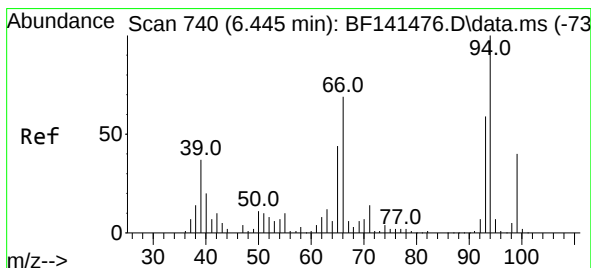
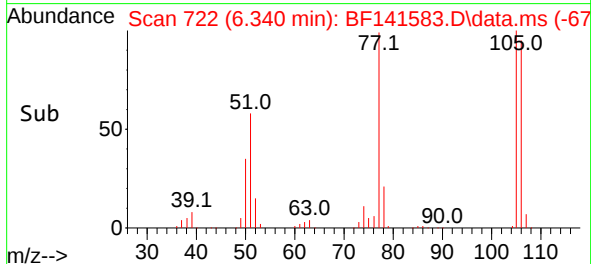
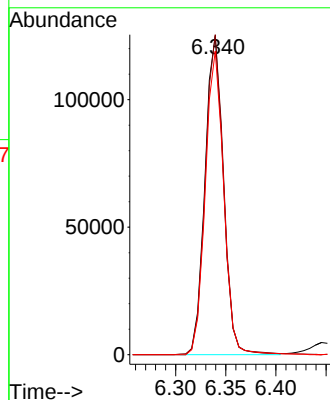
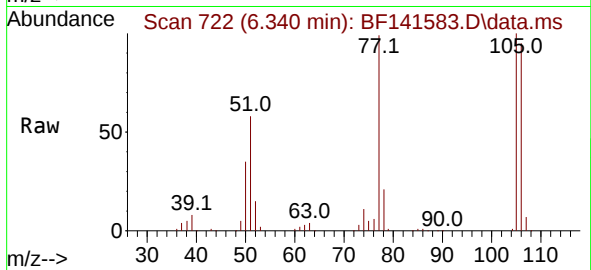




#9
Benzaldehyde
Concen: 39.498 ng
RT: 6.340 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

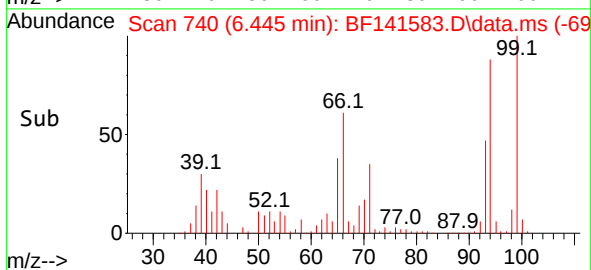
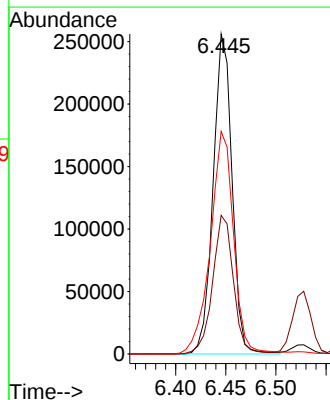
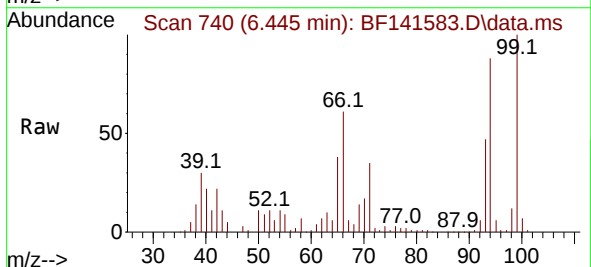
Instrument :
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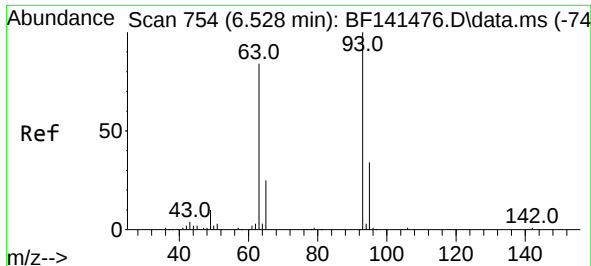
Tgt Ion: 77 Resp: 159995
Ion Ratio Lower Upper
77 100
105 100.5 79.4 119.4
106 95.4 75.1 115.1



#10
Phenol
Concen: 42.328 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 94 Resp: 335823
Ion Ratio Lower Upper
94 100
65 43.3 23.7 63.7
66 69.6 49.3 89.3



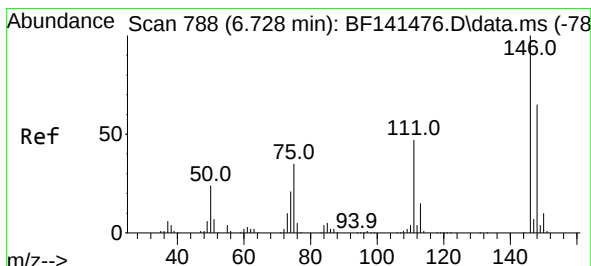
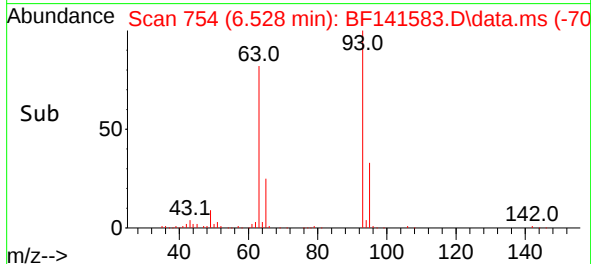
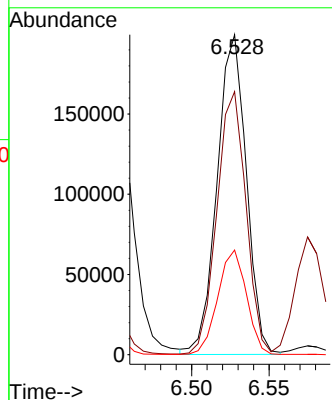
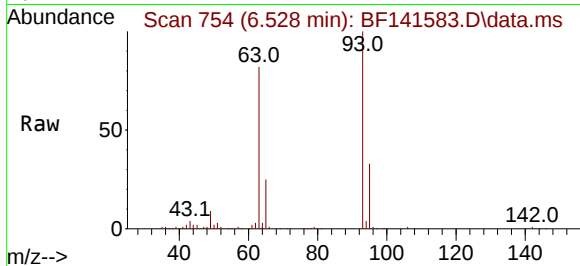


#11
 bis(2-Chloroethyl)ether
 Concen: 43.884 ng
 RT: 6.528 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB166681BS

Tgt Ion: 93 Resp: 261511

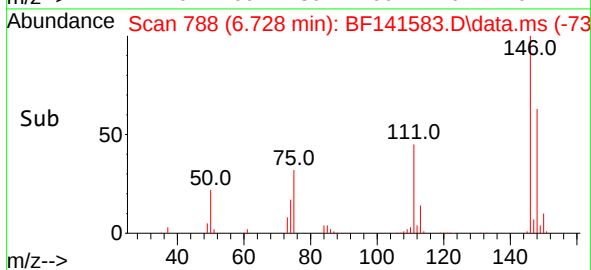
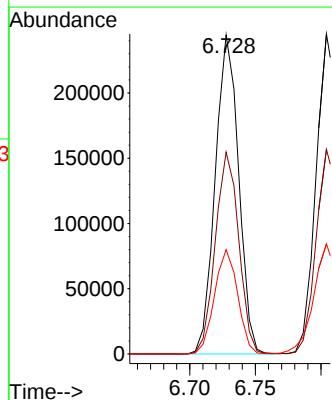
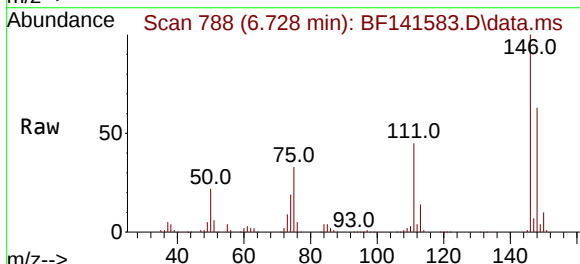
Ion	Ratio	Lower	Upper
93	100		
63	82.2	62.0	102.0
95	32.7	12.6	52.6



#12
 1,3-Dichlorobenzene
 Concen: 43.986 ng
 RT: 6.728 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Tgt Ion:146 Resp: 302618

Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.9	77.9
75	32.7	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 43.314 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

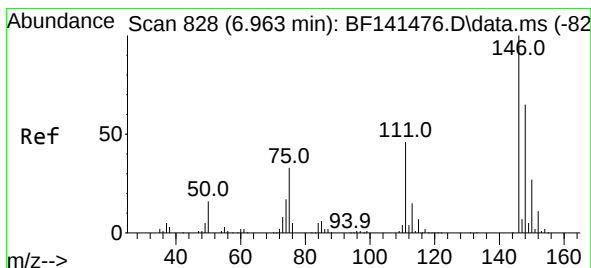
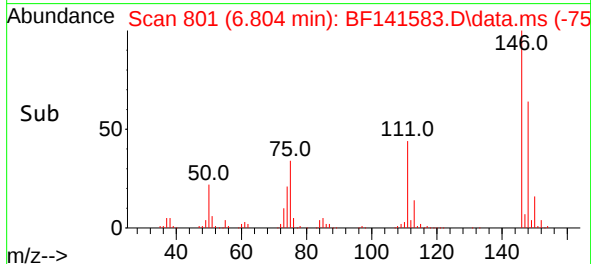
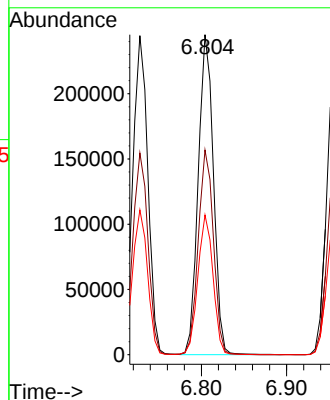
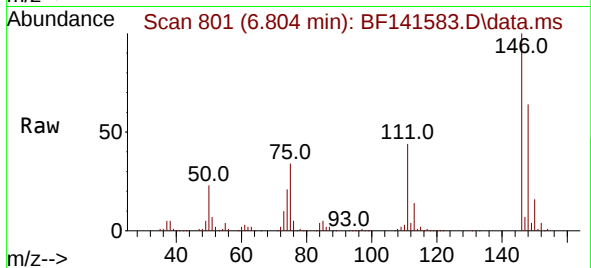
Tgt Ion:146 Resp: 304462

Ion Ratio Lower Upper

146 100

148 64.0 50.9 76.3

111 43.7 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 44.456 ng

RT: 6.957 min Scan# 827

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

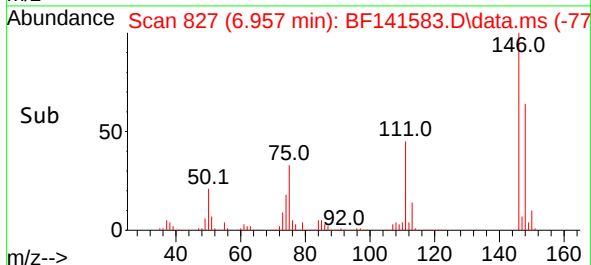
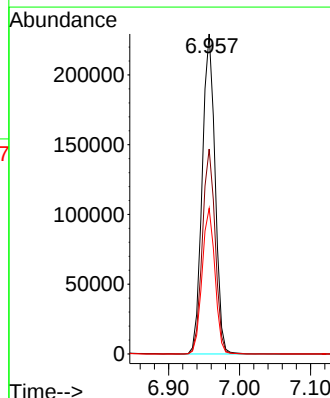
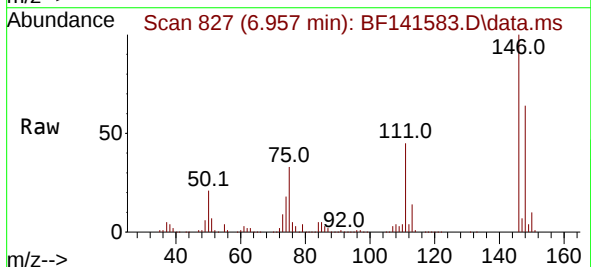
Tgt Ion:146 Resp: 290033

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

111 45.5 37.0 55.4

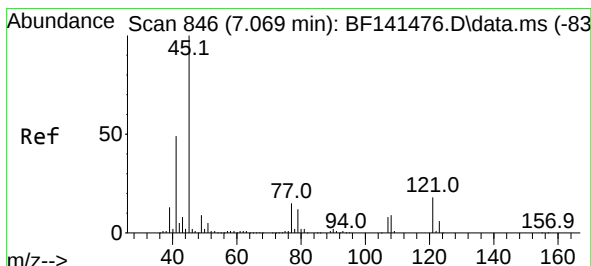
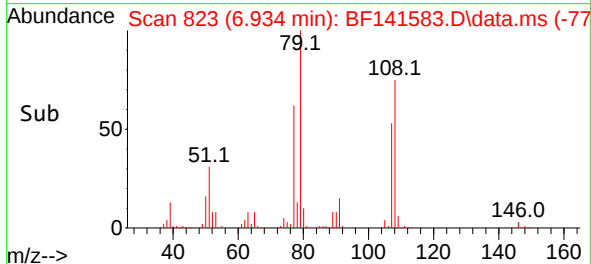
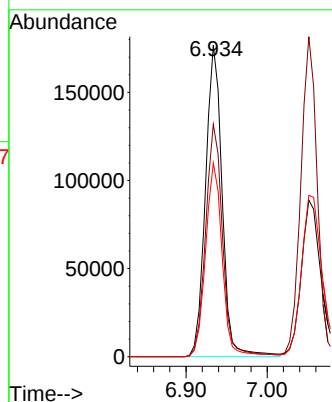
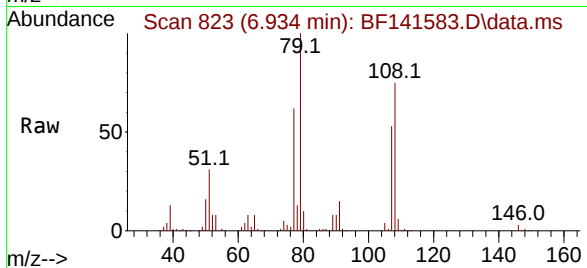




#15
Benzyl Alcohol
Concen: 43.051 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

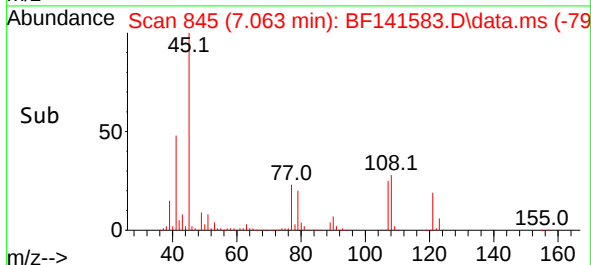
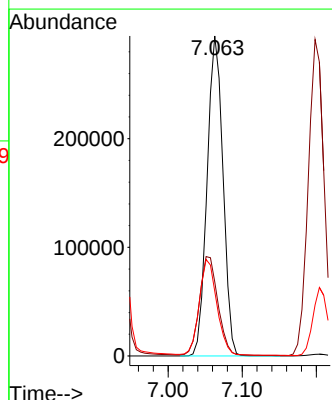
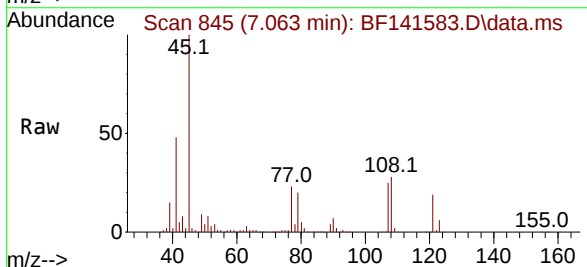
Instrument :
BNA_F
ClientSampleId :
PB166681BS

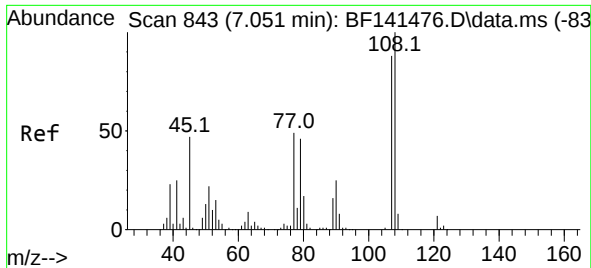
Tgt Ion: 79 Resp: 251654
Ion Ratio Lower Upper
79 100
108 74.6 57.4 86.2
77 62.1 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.963 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 45 Resp: 438259
Ion Ratio Lower Upper
45 100
77 23.2 0.0 35.8
79 20.2 0.0 32.7

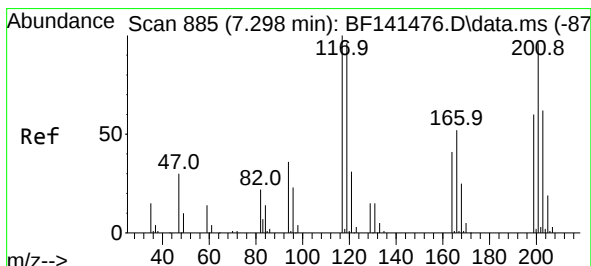
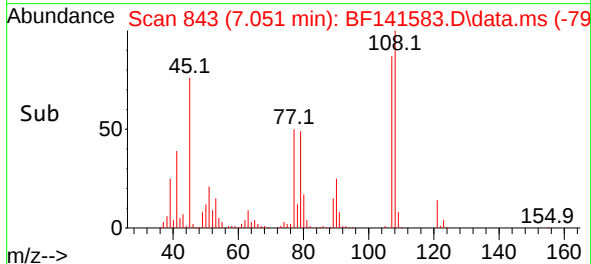
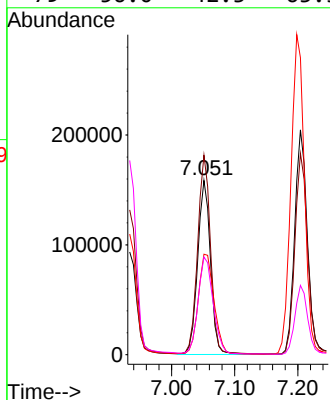
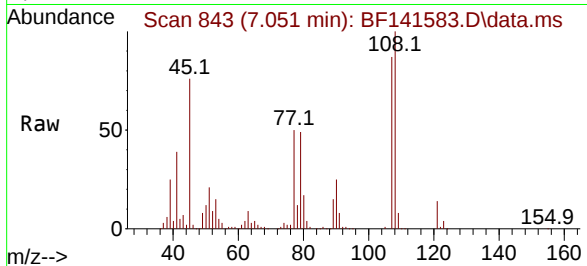




#17
2-Methylphenol
Concen: 44.029 ng
RT: 7.051 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

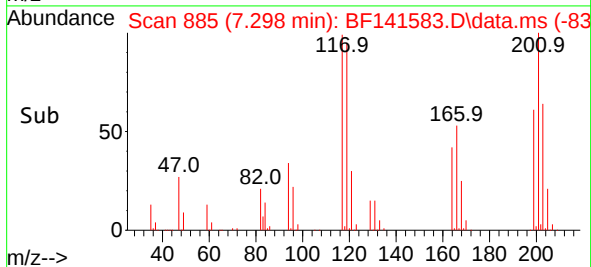
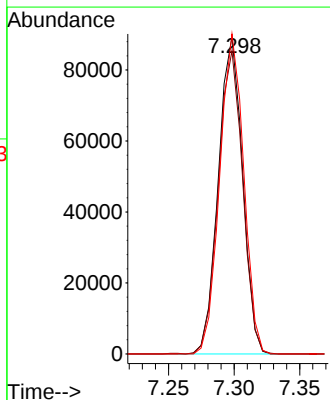
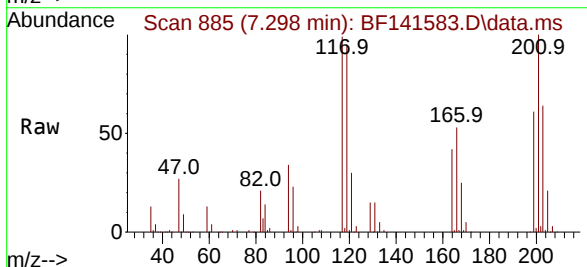
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:	107	Resp:	224537
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.6	136.0
77	57.7	44.4	66.6
79	56.0	42.3	63.5



#18
Hexachloroethane
Concen: 44.077 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:	117	Resp:	114665
Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.5	114.7
201	100.9	76.7	115.1



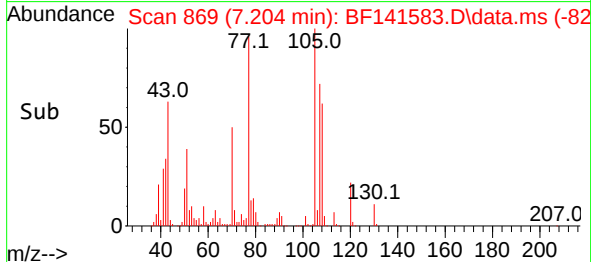
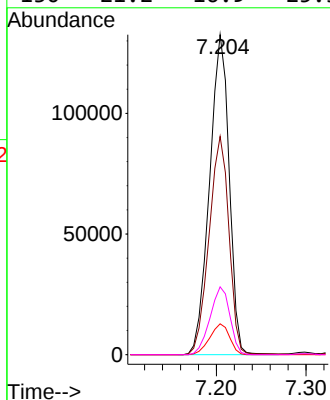
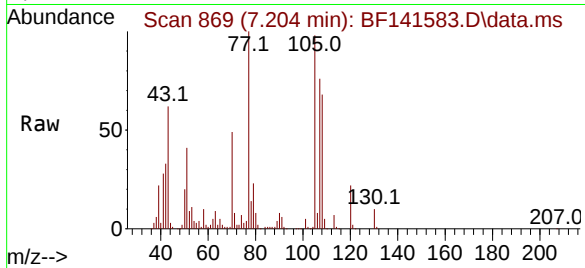


#19
n-Nitroso-di-n-propylamine
Concen: 44.175 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion: 70 Resp: 201419

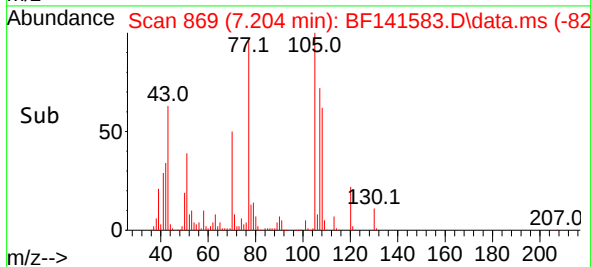
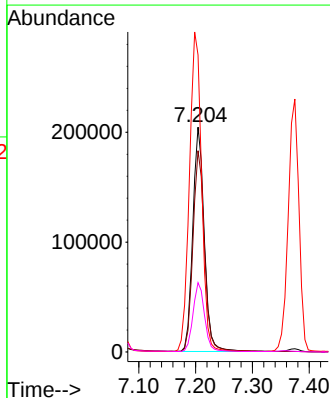
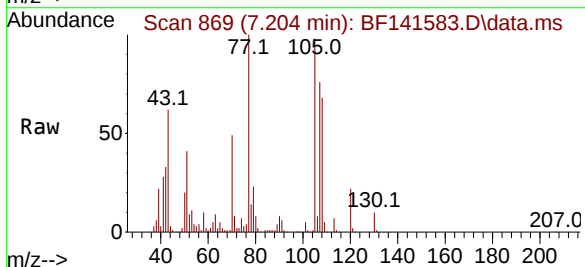
Ion	Ratio	Lower	Upper
70	100		
42	68.2	57.4	86.2
101	9.7	8.0	12.0
130	21.2	16.9	25.3

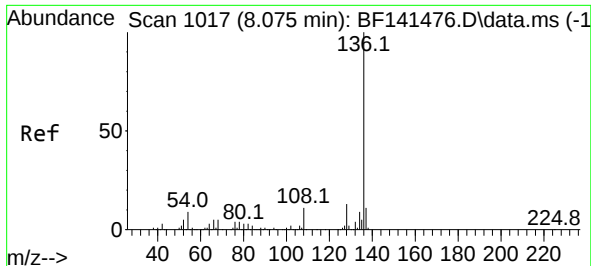


#20
3+4-Methylphenols
Concen: 44.459 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 107 Resp: 288143

Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.5	108.5
77	132.1	116.5	156.5
79	30.8	12.0	52.0

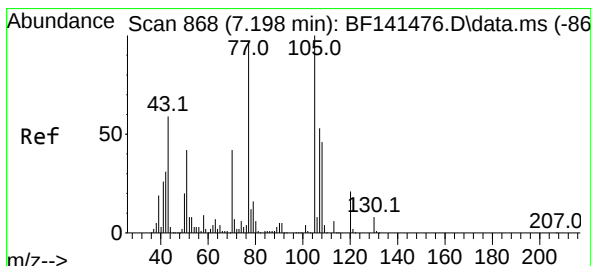
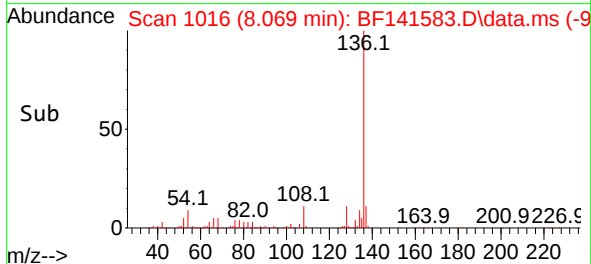
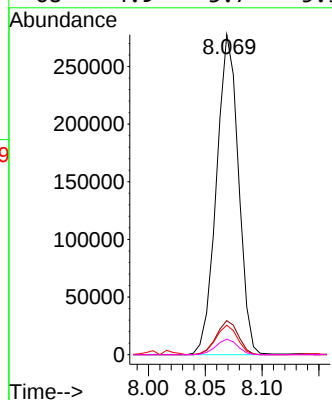
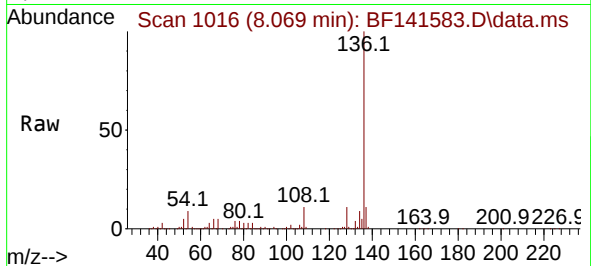




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

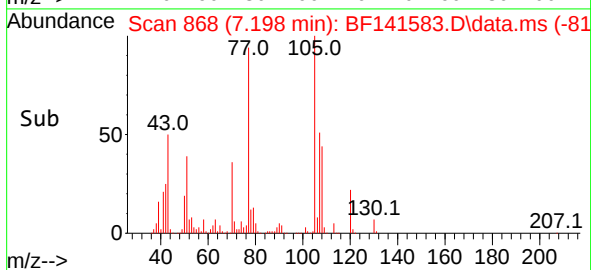
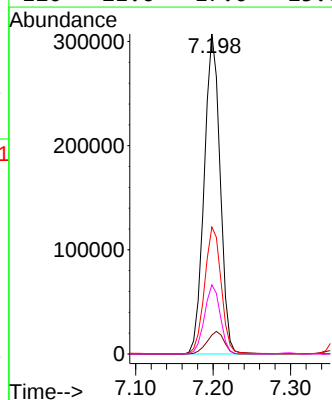
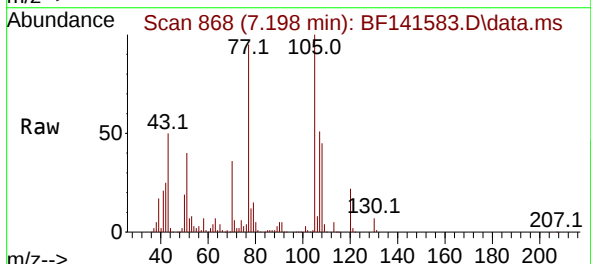
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:136 Resp: 374274
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.2 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 47.166 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:105 Resp: 439127
Ion Ratio Lower Upper
105 100
71 5.9 5.7 8.5
51 39.6 33.7 50.5
120 21.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 92.495 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

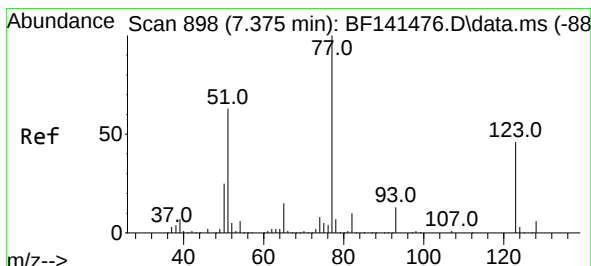
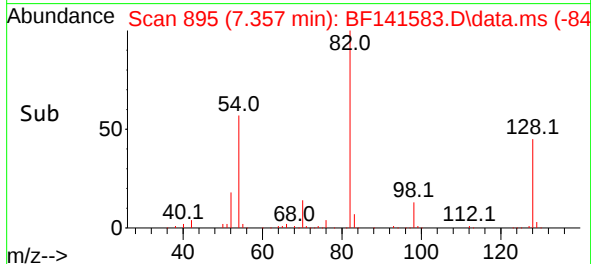
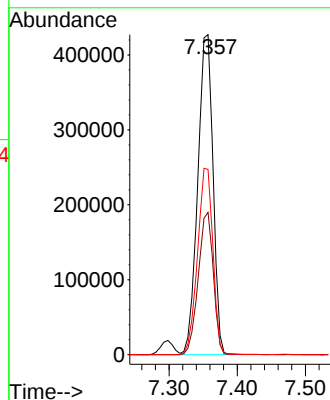
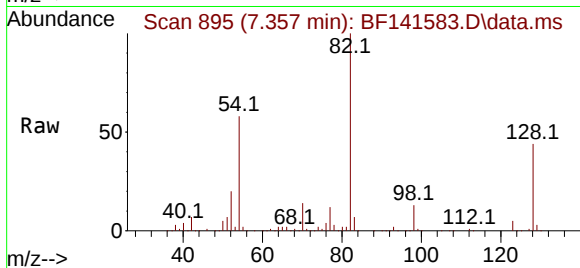
Tgt Ion: 82 Resp: 663720

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

54 57.9 48.2 72.4



#24

Nitrobenzene

Concen: 43.328 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

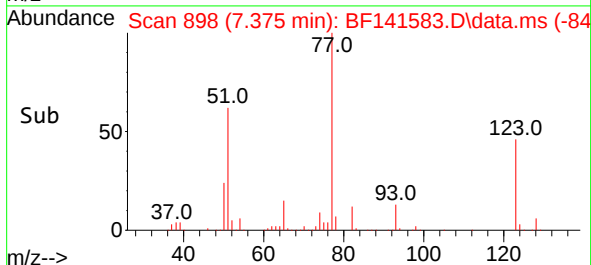
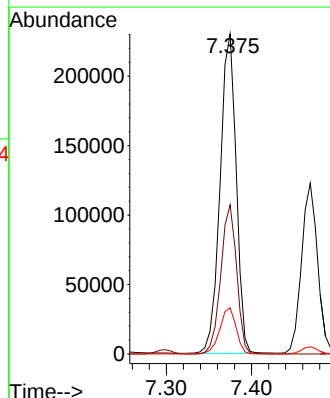
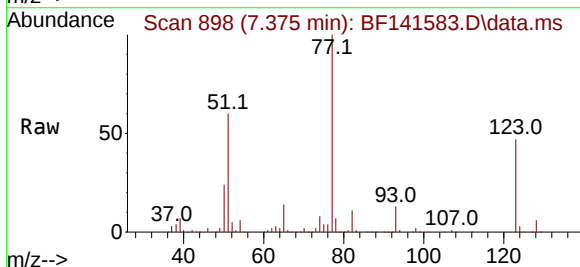
Tgt Ion: 77 Resp: 303173

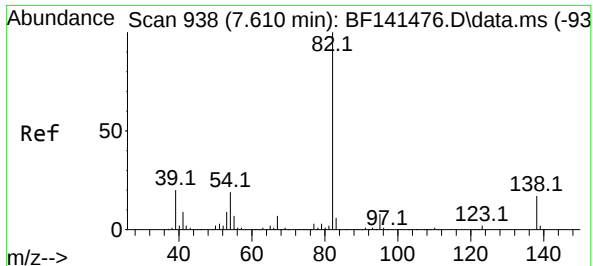
Ion Ratio Lower Upper

77 100

123 46.6 36.9 55.3

65 14.5 11.9 17.9

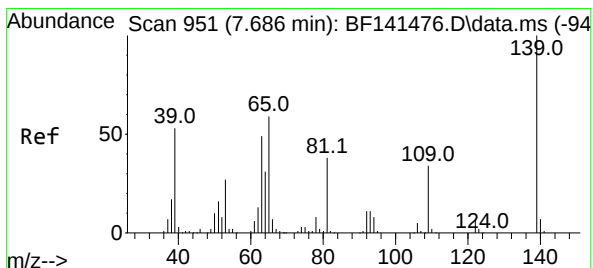
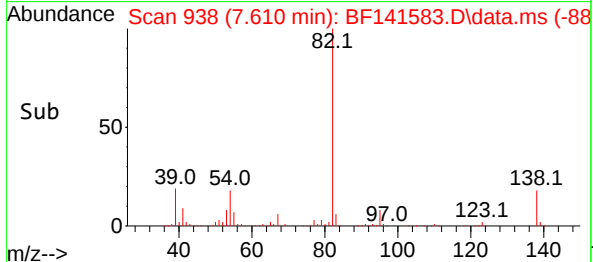
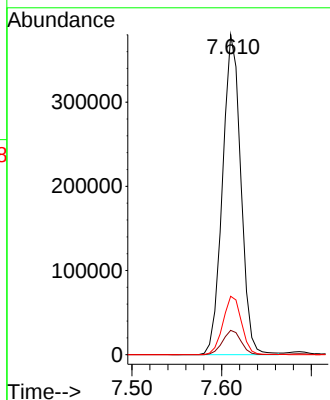
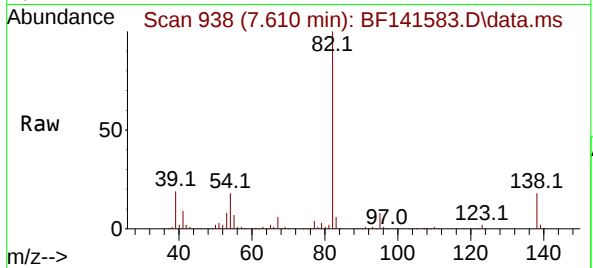




#25
Isophorone
Concen: 47.171 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

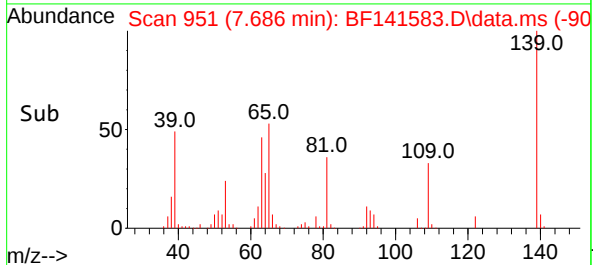
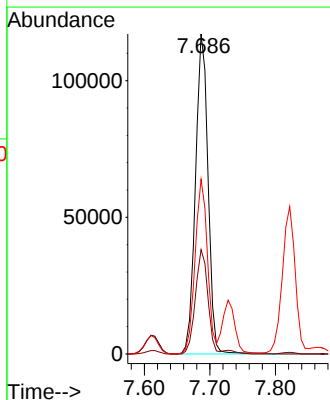
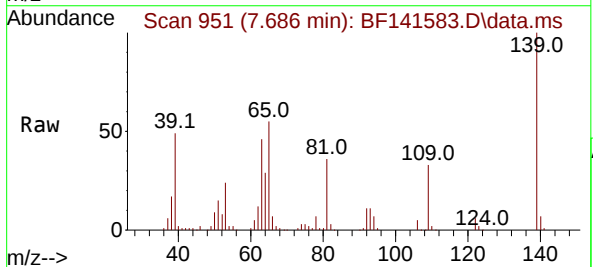
Instrument :
BNA_F
ClientSampleId :
PB166681BS

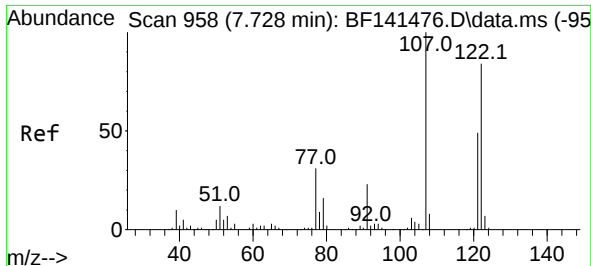
Tgt Ion: 82 Resp: 539709
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 44.918 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:139 Resp: 156371
Ion Ratio Lower Upper
139 100
109 32.6 27.0 40.6
65 54.6 47.1 70.7

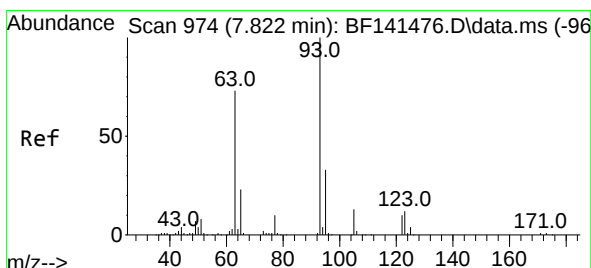
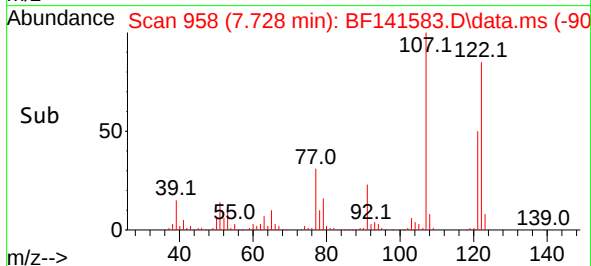
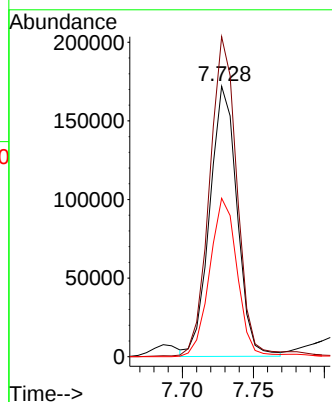
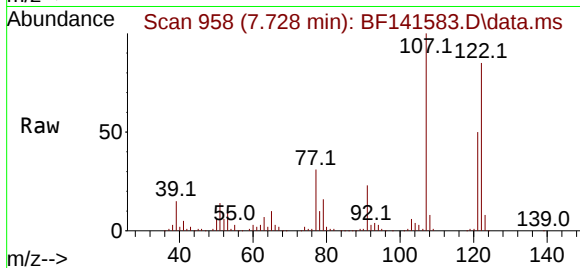




#27
2,4-Dimethylphenol
Concen: 56.595 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

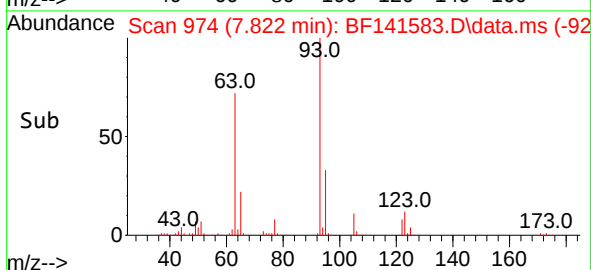
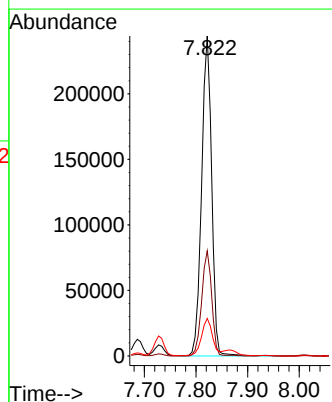
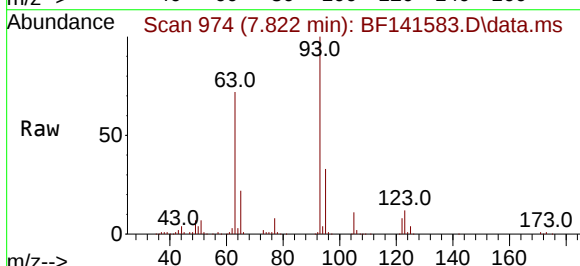
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:122 Resp: 230166
Ion Ratio Lower Upper
122 100
107 118.3 94.3 141.5
121 58.6 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 45.053 ng
RT: 7.822 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion: 93 Resp: 330306
Ion Ratio Lower Upper
93 100
95 32.8 26.1 39.1
123 11.7 9.5 14.3

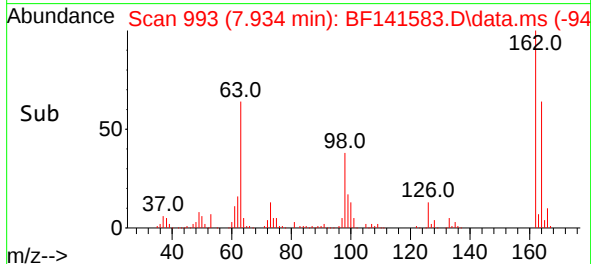
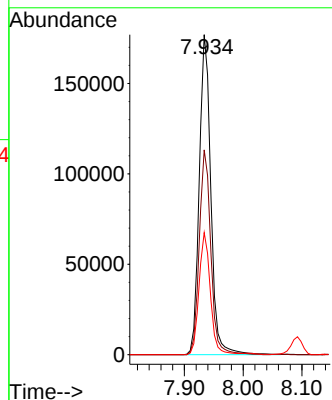
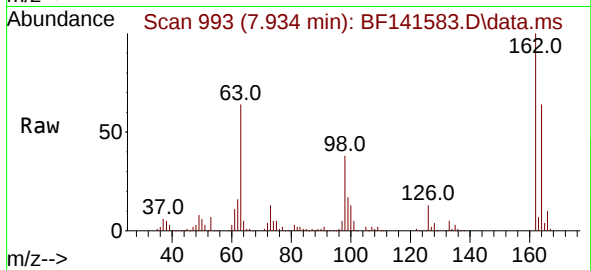




#29
2,4-Dichlorophenol
Concen: 44.084 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

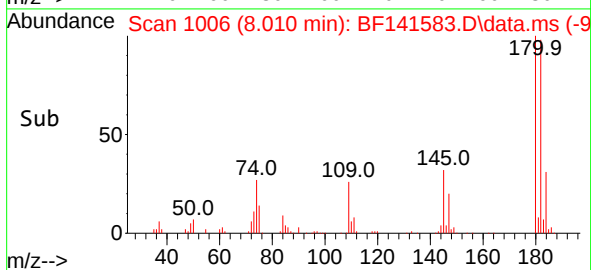
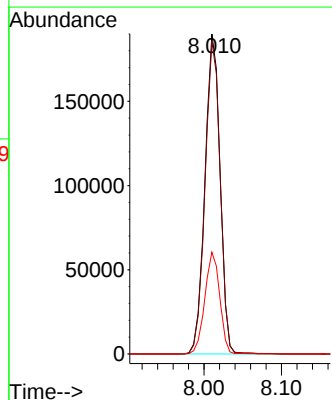
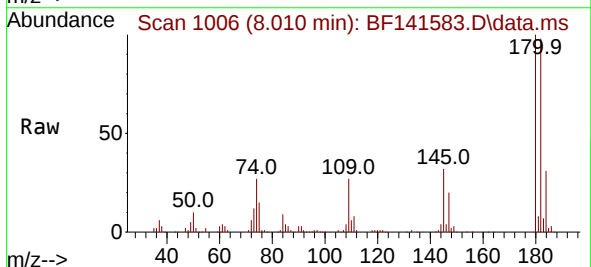
Instrument :
BNA_F
ClientSampleId :
PB166681BS

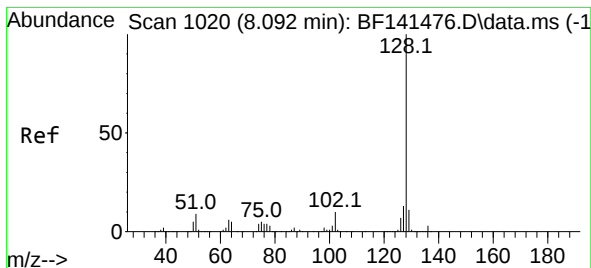
Tgt Ion:162 Resp: 242236
Ion Ratio Lower Upper
162 100
164 64.0 44.6 84.6
98 38.1 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.110 ng
RT: 8.010 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:180 Resp: 257961
Ion Ratio Lower Upper
180 100
182 97.7 76.8 115.2
145 31.8 24.2 36.4





#31

Naphthalene

Concen: 42.798 ng

RT: 8.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

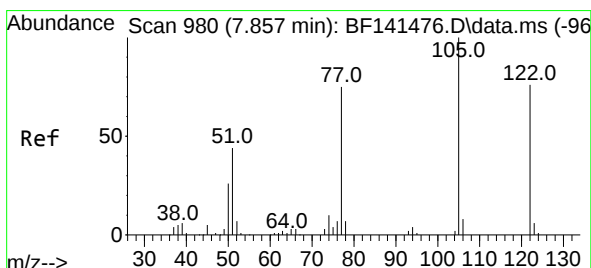
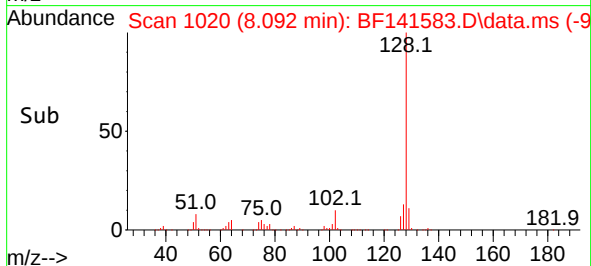
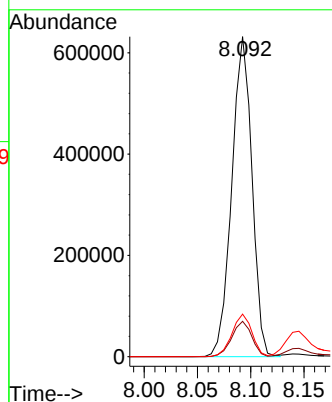
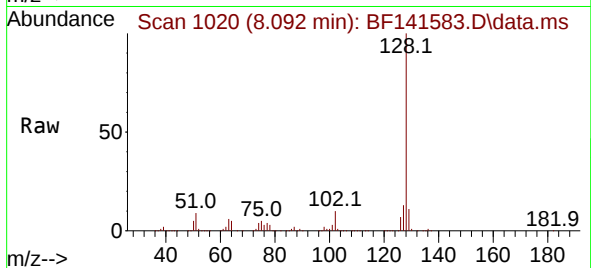
Tgt Ion:128 Resp: 833809

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 13.3 10.7 16.1



#32

Benzoic acid

Concen: 42.675 ng

RT: 7.869 min Scan# 982

Delta R.T. -0.023 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

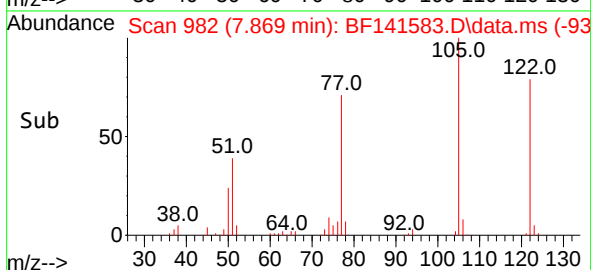
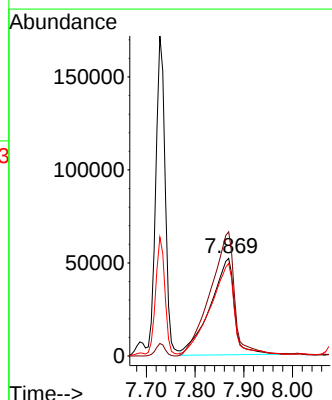
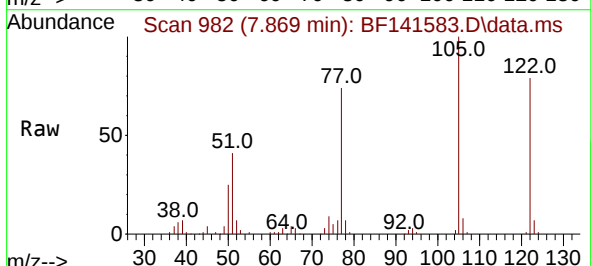
Tgt Ion:122 Resp: 180272

Ion Ratio Lower Upper

122 100

105 127.2 106.5 146.5

77 94.7 76.3 116.3

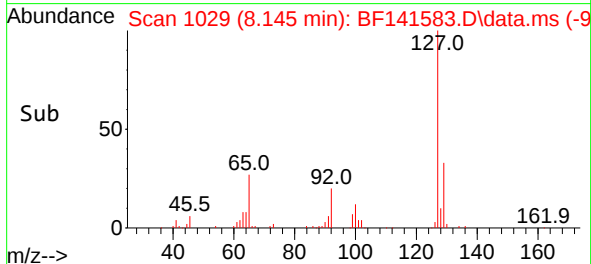
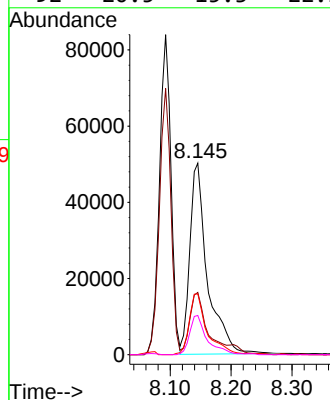
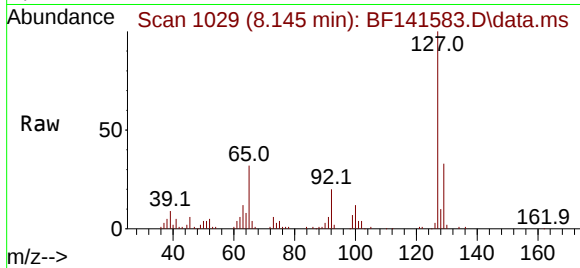




#33
4-Chloroaniline
Concen: 14.800 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

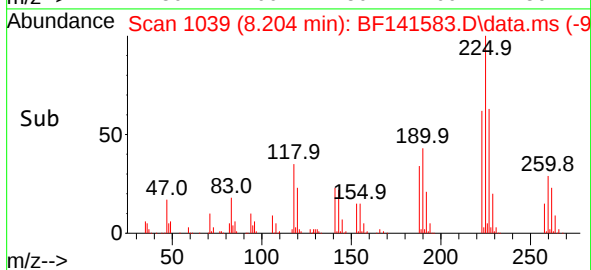
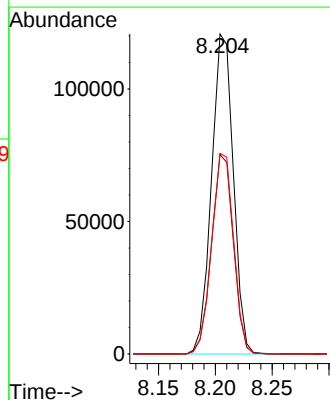
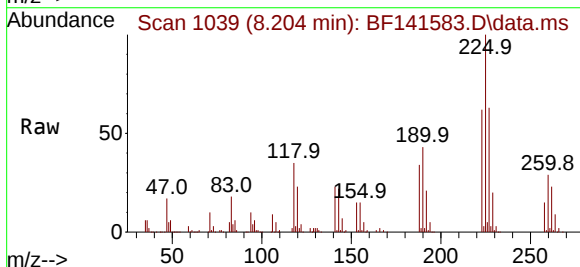
Instrument :
BNA_F
ClientSampleId :
PB166681BS

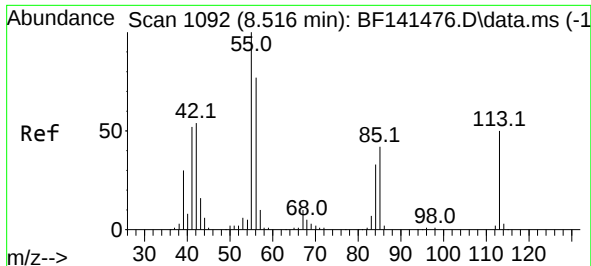
Tgt Ion:	127	Resp:	100672
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.5	39.7
65	31.8	26.4	39.6
92	20.5	15.3	22.9



#34
Hexachlorobutadiene
Concen: 44.807 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:	225	Resp:	160960
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.1	75.1
227	62.7	51.0	76.6

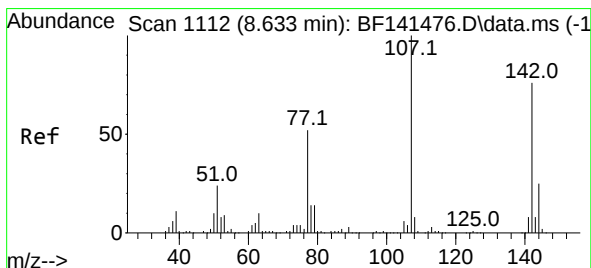
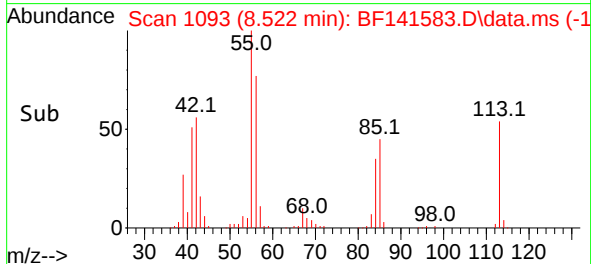
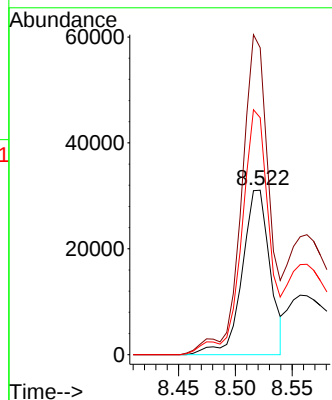
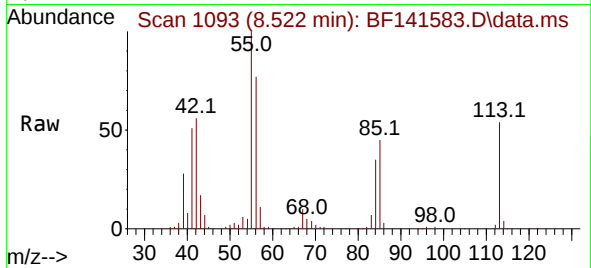




#35
 Caprolactam
 Concen: 31.603 ng
 RT: 8.522 min Scan# 1092
 Delta R.T. -0.023 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

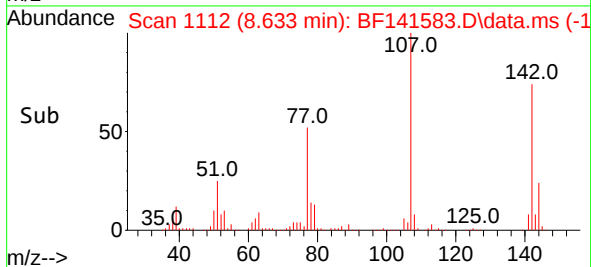
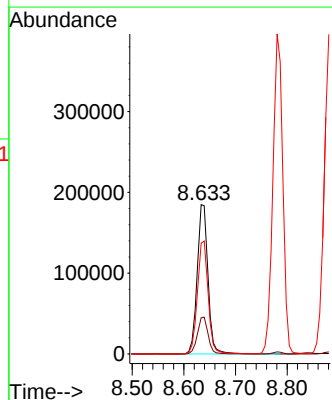
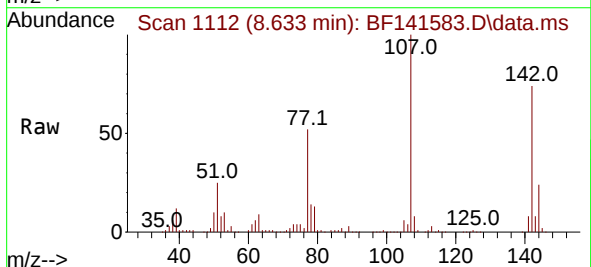
Instrument :
 BNA_F
 ClientSampleId :
 PB166681BS

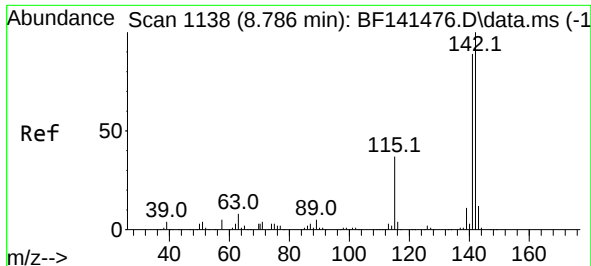
Tgt Ion:113 Resp: 52873
 Ion Ratio Lower Upper
 113 100
 55 186.7 180.8 220.8
 56 144.2 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.193 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Tgt Ion:107 Resp: 268991
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.7 29.5
 142 74.2 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.490 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

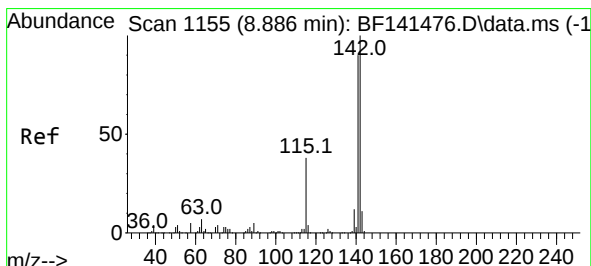
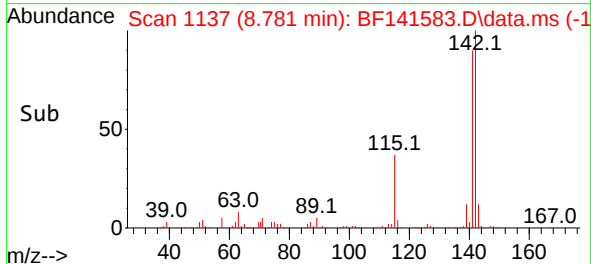
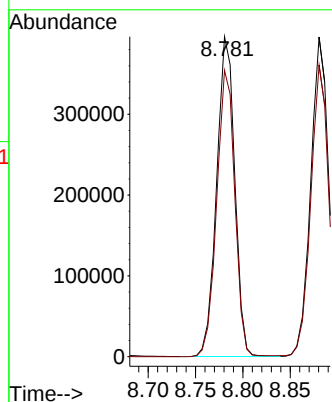
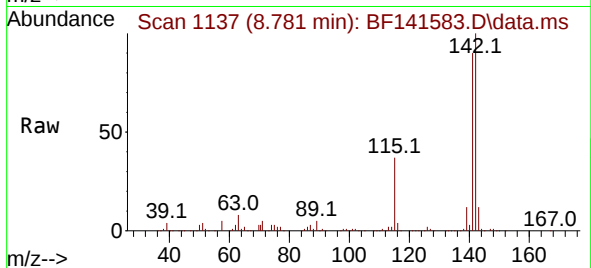
PB166681BS

Tgt Ion:142 Resp: 526006

Ion Ratio Lower Upper

142 100

141 89.5 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.107 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF141583.D

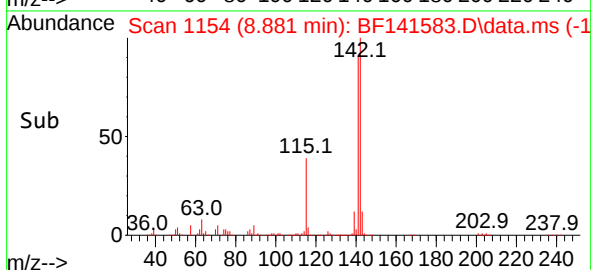
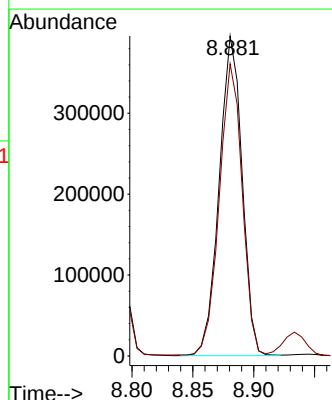
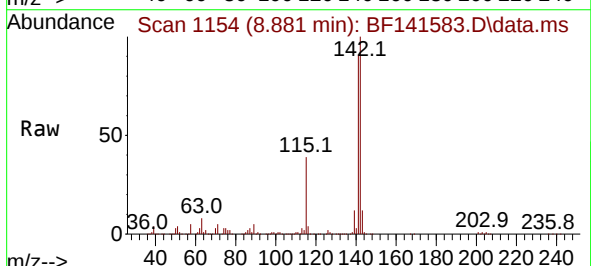
Acq: 12 Feb 2025 12:09

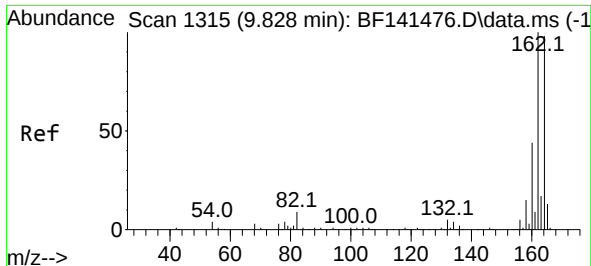
Tgt Ion:142 Resp: 517028

Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1

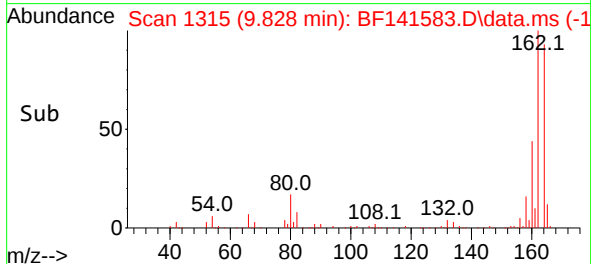
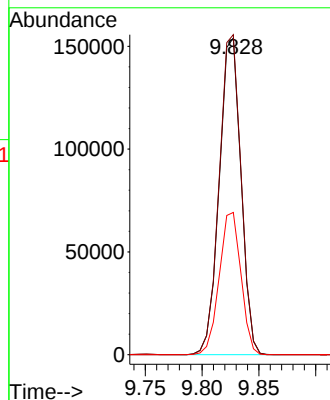
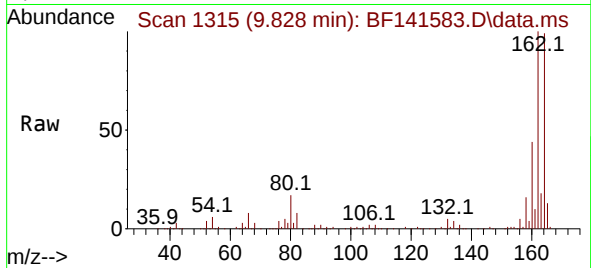




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

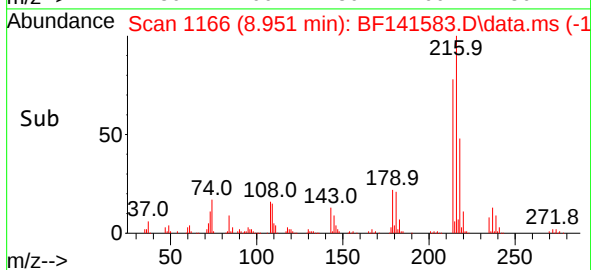
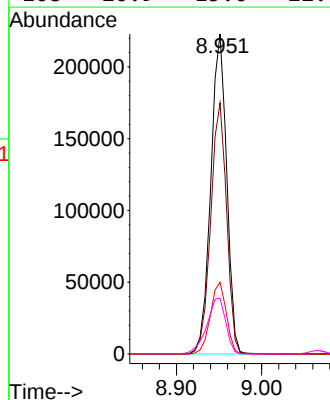
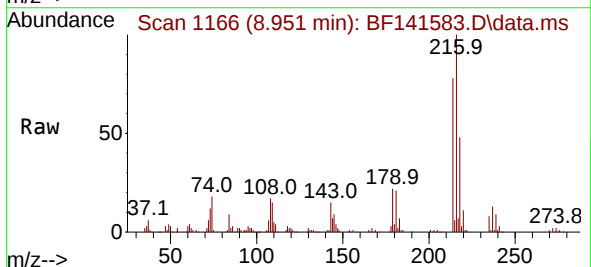
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:164 Resp: 204775
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.685 ng
RT: 8.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

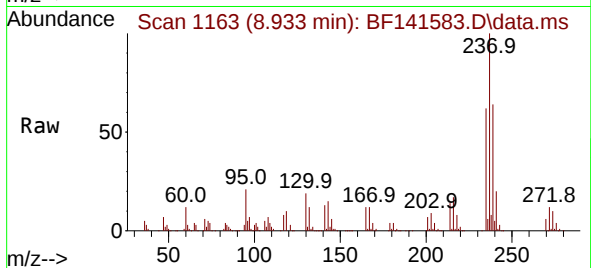
Tgt Ion:216 Resp: 288430
Ion Ratio Lower Upper
216 100
214 78.5 62.3 93.5
179 22.4 18.0 27.0
108 20.9 15.0 22.6



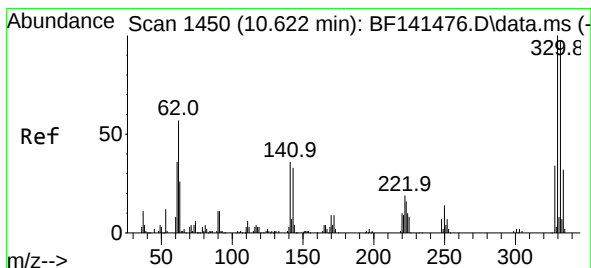
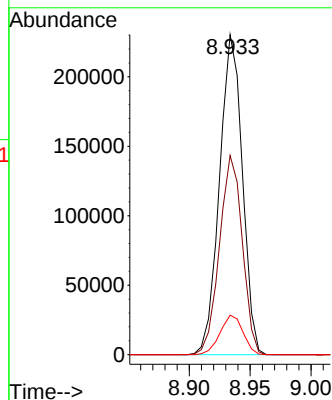
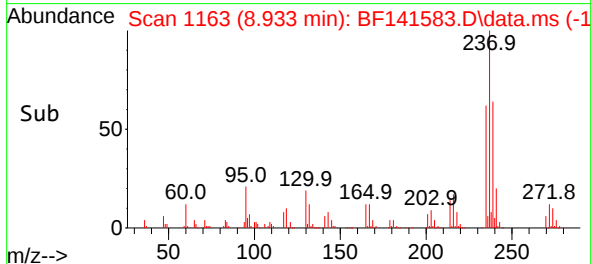


#41
Hexachlorocyclopentadiene
Concen: 152.587 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Instrument :
BNA_F
ClientSampleId :
PB166681BS

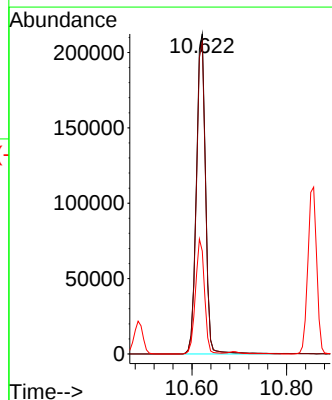
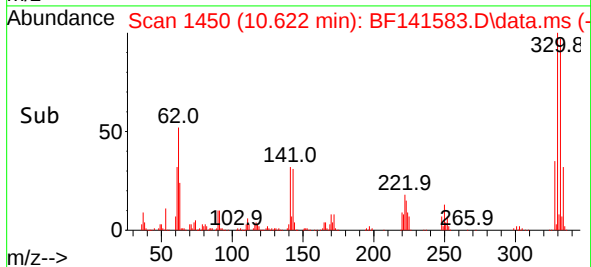
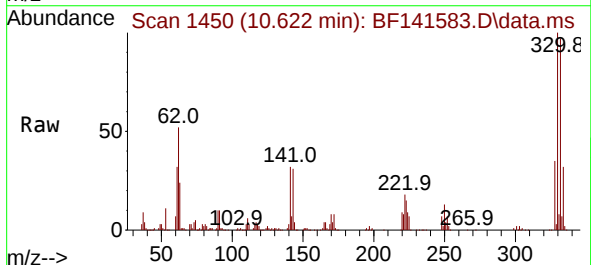


Tgt Ion:237 Resp: 300672
Ion Ratio Lower Upper
237 100
235 62.3 41.4 81.4
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 138.815 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:330 Resp: 285551
Ion Ratio Lower Upper
330 100
332 97.3 78.5 117.7
141 35.2 31.0 46.4

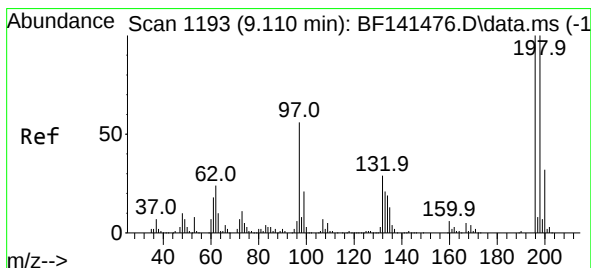
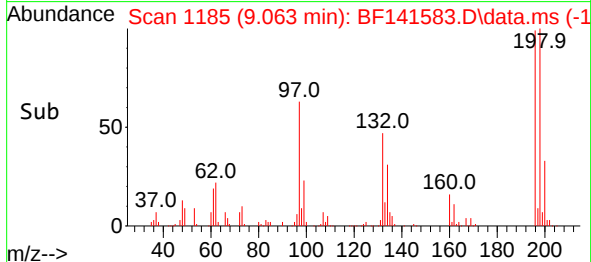
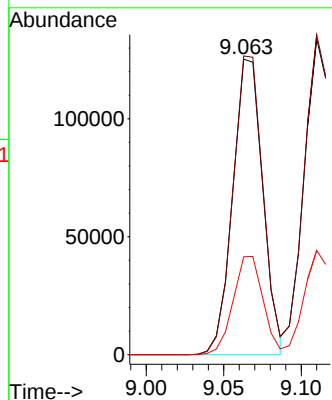
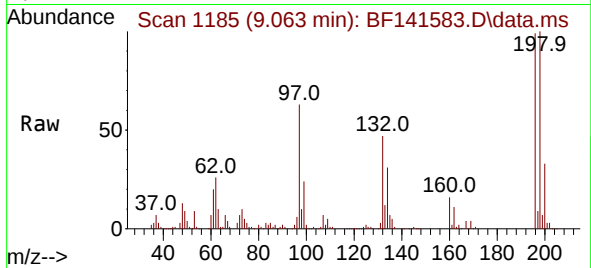




#43
2,4,6-Trichlorophenol
Concen: 44.185 ng
RT: 9.063 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

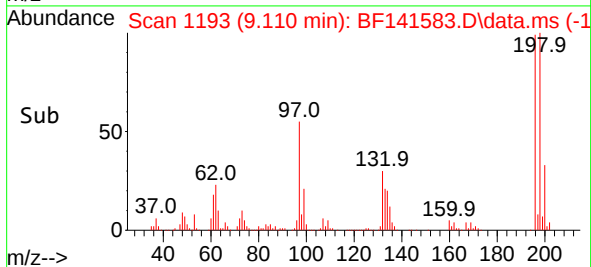
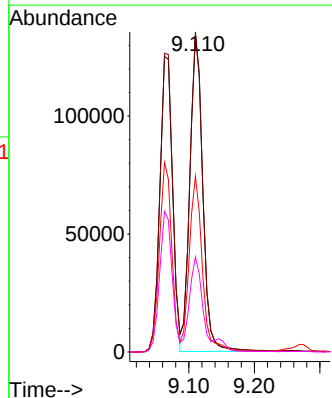
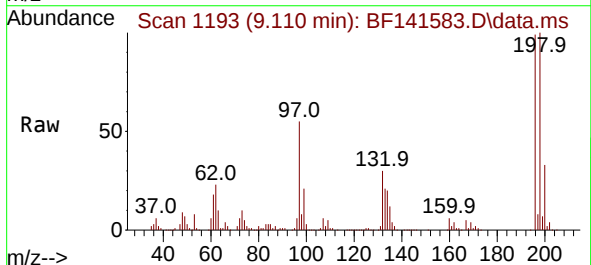
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:196 Resp: 169187
Ion Ratio Lower Upper
196 100
198 101.1 80.6 121.0
200 33.1 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.007 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:196 Resp: 182620
Ion Ratio Lower Upper
196 100
198 101.2 79.8 119.8
97 55.5 44.8 67.2
132 30.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.847 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

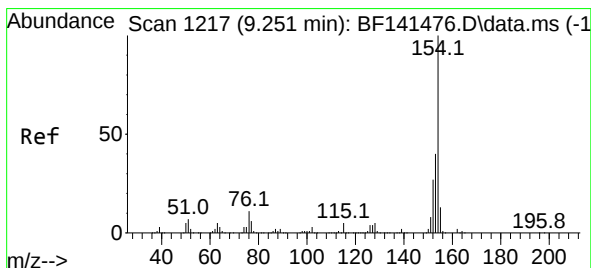
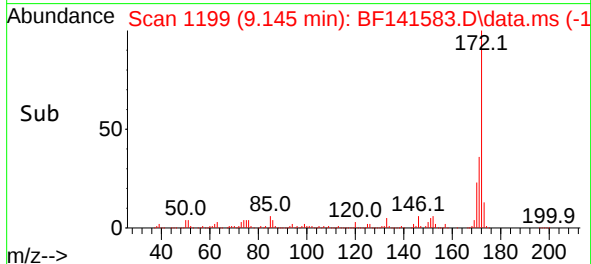
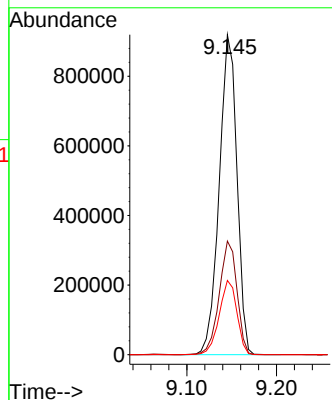
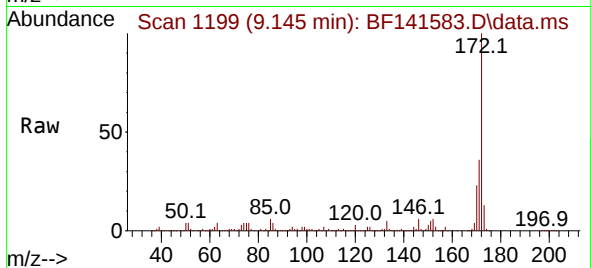
Tgt Ion:172 Resp: 1260668

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.2 18.9 28.3



#46

1,1'-Biphenyl

Concen: 48.969 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

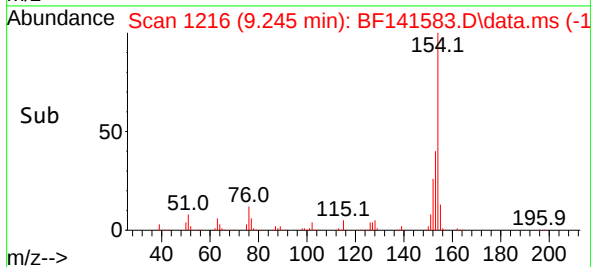
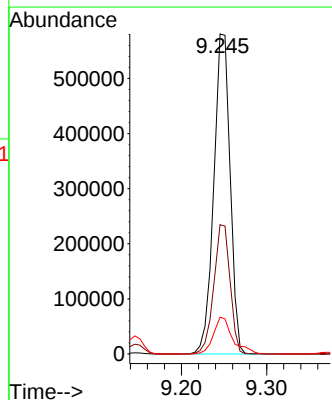
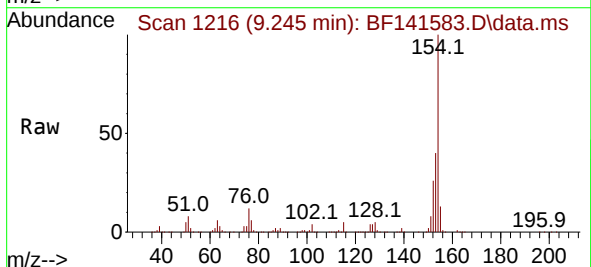
Tgt Ion:154 Resp: 777421

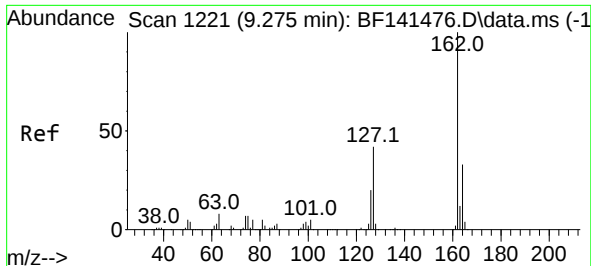
Ion Ratio Lower Upper

154 100

153 40.4 20.4 60.4

76 11.5 0.0 30.8

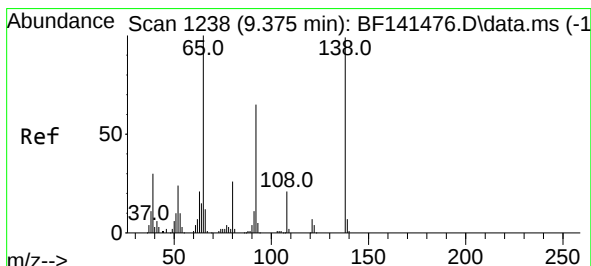
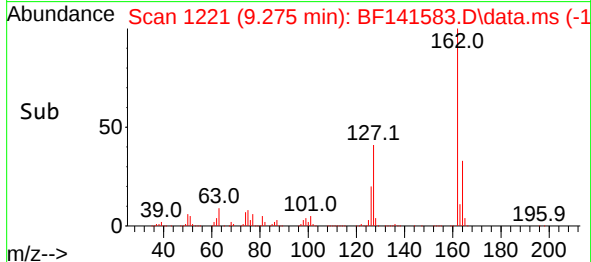
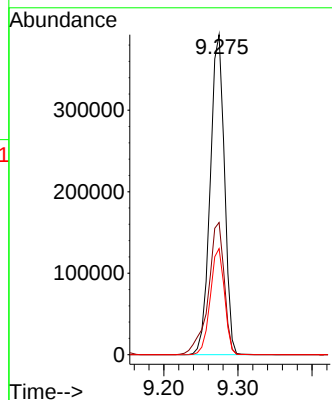
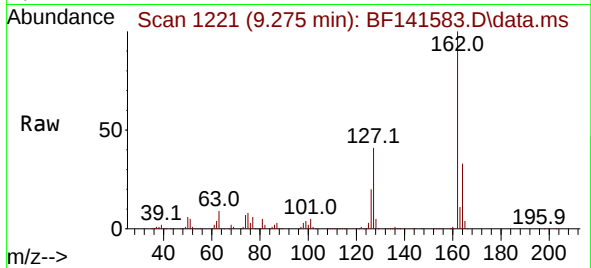




#47
2-Chloronaphthalene
Concen: 44.694 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

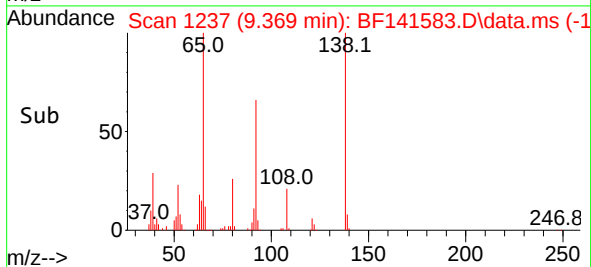
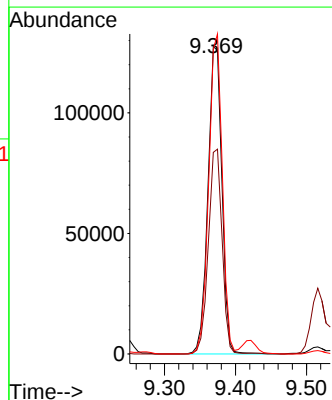
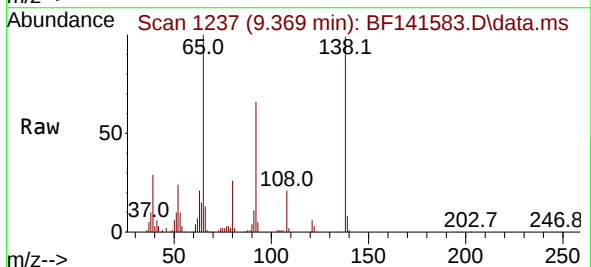
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:162 Resp: 524696
Ion Ratio Lower Upper
162 100
127 41.3 34.1 51.1
164 33.2 26.3 39.5



#48
2-Nitroaniline
Concen: 44.327 ng
RT: 9.369 min Scan# 1237
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

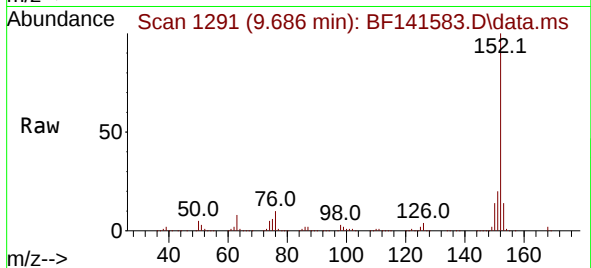
Tgt Ion: 65 Resp: 174642
Ion Ratio Lower Upper
65 100
92 65.6 52.2 78.2
138 99.2 79.5 119.3



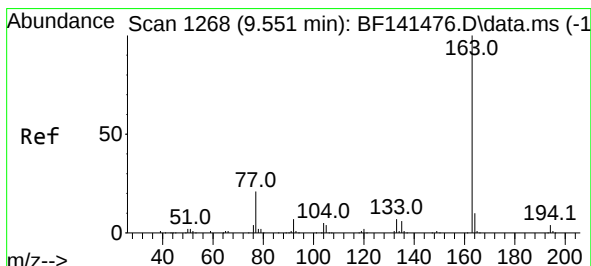
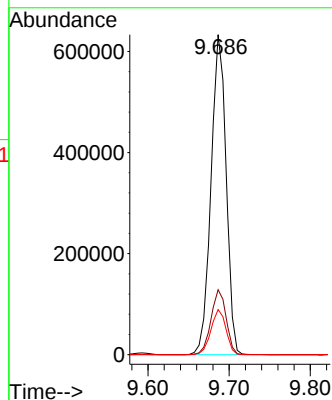
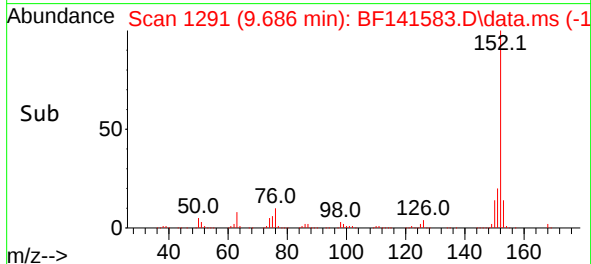


#49
Acenaphthylene
Concen: 46.758 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

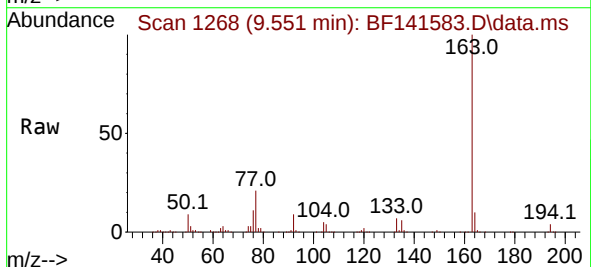
Instrument :
BNA_F
ClientSampleId :
PB166681BS



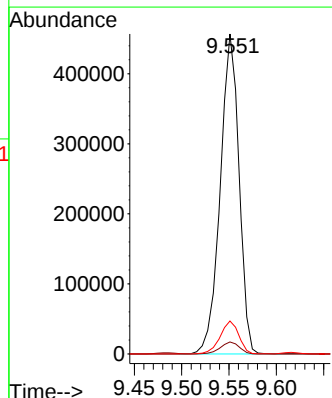
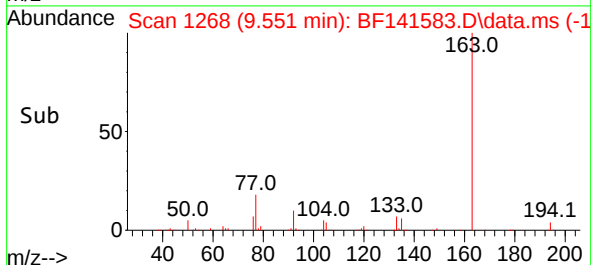
Tgt Ion:152 Resp: 816465
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.1 10.9 16.3



#50
Dimethylphthalate
Concen: 45.359 ng
RT: 9.551 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09



Tgt Ion:163 Resp: 630569
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.4
164 10.3 7.9 11.9

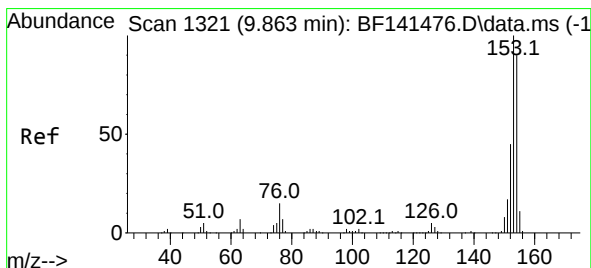
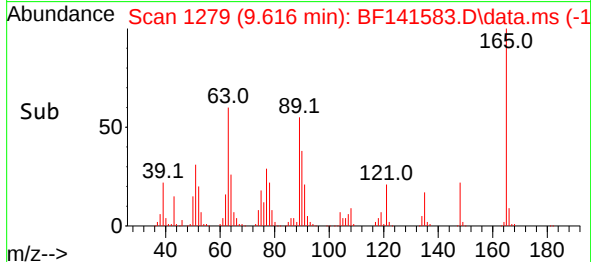
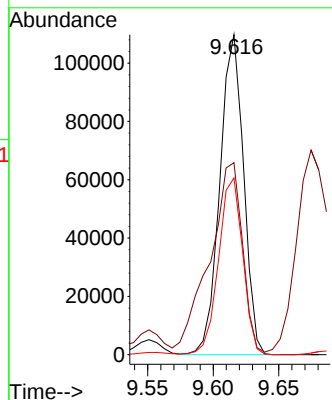
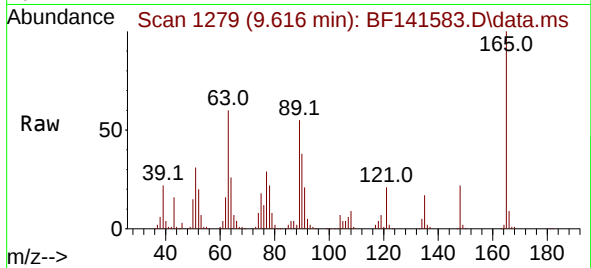




#51
2,6-Dinitrotoluene
Concen: 45.399 ng
RT: 9.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

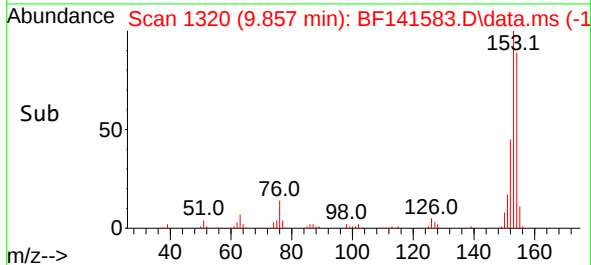
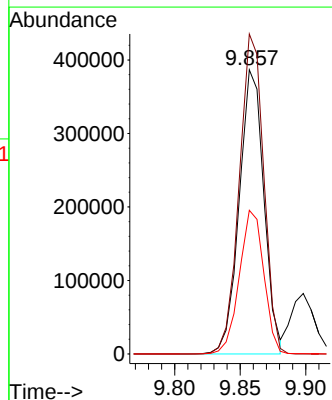
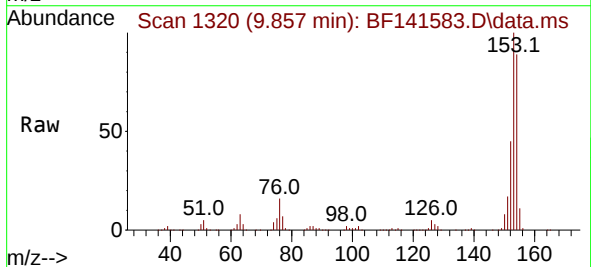
Instrument :
BNA_F
ClientSampleId :
PB166681BS

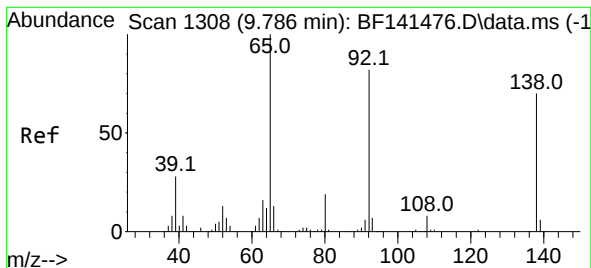
Tgt Ion:165 Resp: 137968
Ion Ratio Lower Upper
165 100
63 60.0 49.4 74.0
89 55.2 46.5 69.7



#52
Acenaphthene
Concen: 43.133 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:154 Resp: 506343
Ion Ratio Lower Upper
154 100
153 112.6 89.2 133.8
152 50.5 39.8 59.8





#53

3-Nitroaniline

Concen: 22.336 ng

RT: 9.780 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

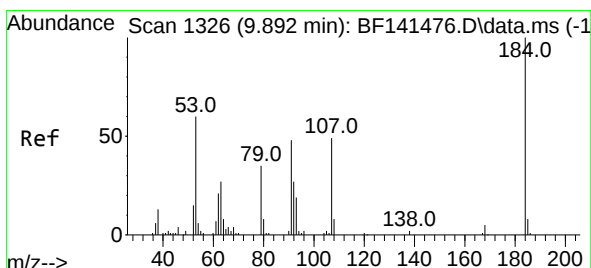
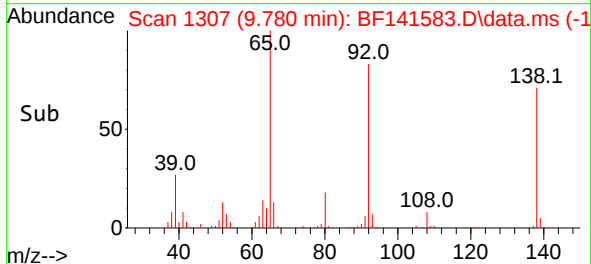
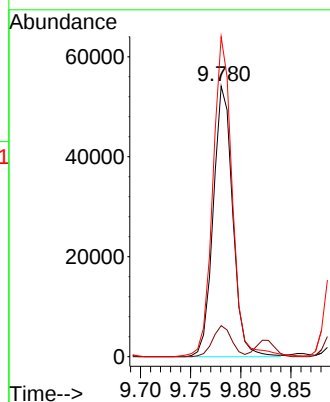
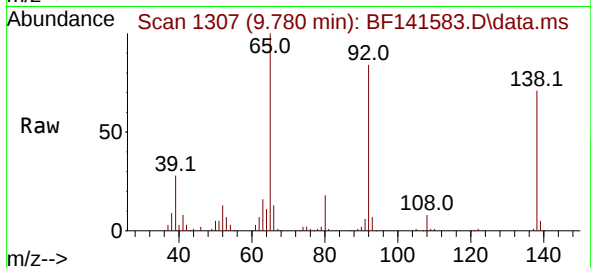
Tgt Ion:138 Resp: 73058

Ion Ratio Lower Upper

138 100

108 11.5 9.0 13.4

92 118.3 93.7 140.5



#54

2,4-Dinitrophenol

Concen: 91.730 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

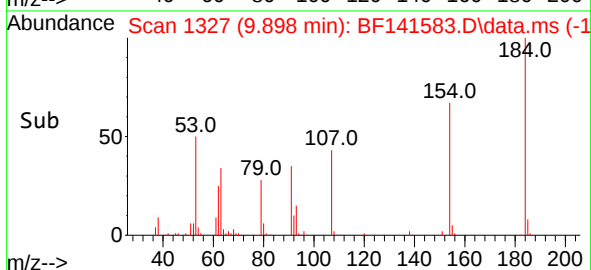
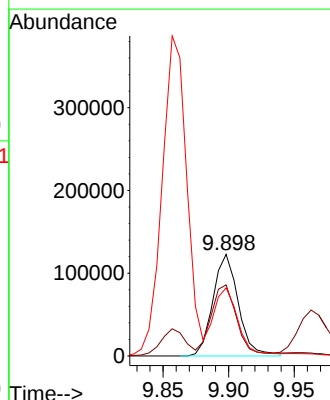
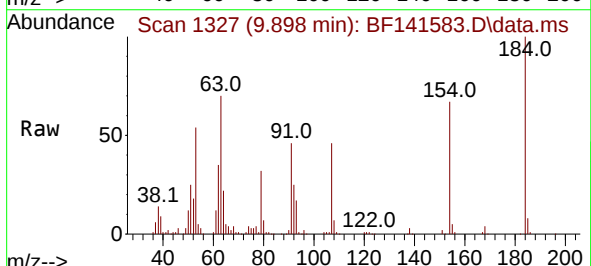
Tgt Ion:184 Resp: 165679

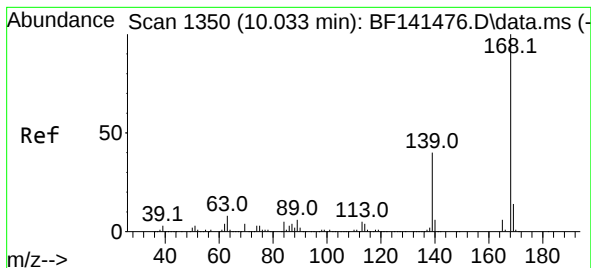
Ion Ratio Lower Upper

184 100

63 70.0 61.0 91.6

154 67.1 59.9 89.9

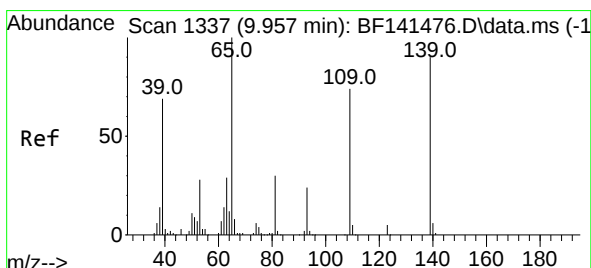
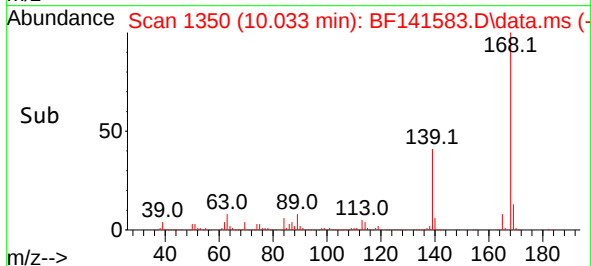
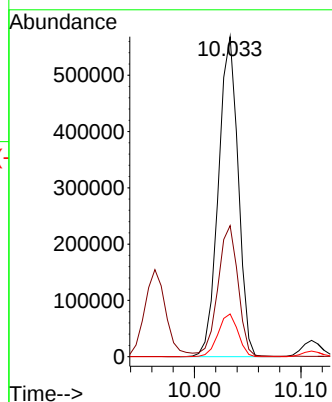
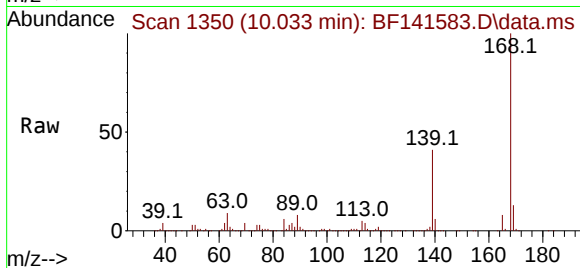




#55
Dibenzofuran
Concen: 42.425 ng
RT: 10.033 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

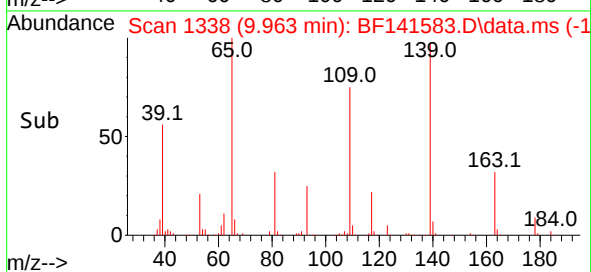
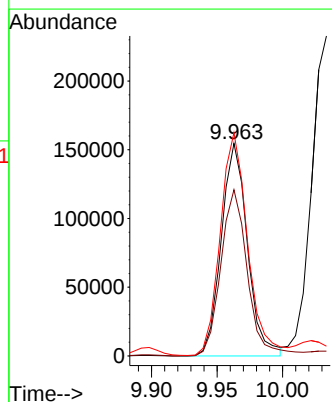
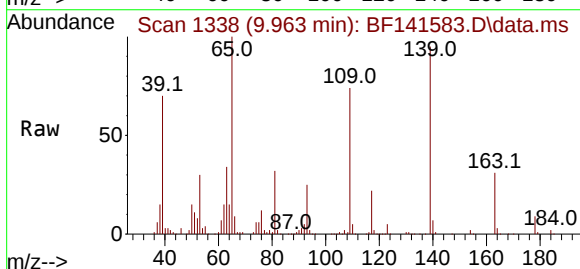
Instrument :
BNA_F
ClientSampleId :
PB166681BS

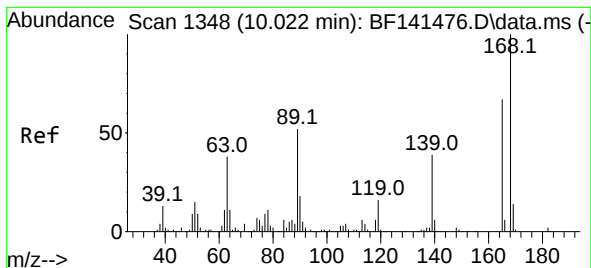
Tgt Ion:168 Resp: 731025
Ion Ratio Lower Upper
168 100
139 40.9 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 88.333 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

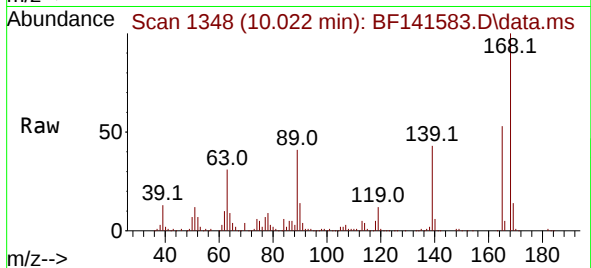
Tgt Ion:139 Resp: 214480
Ion Ratio Lower Upper
139 100
109 78.2 62.0 102.0
65 105.1 91.2 131.2





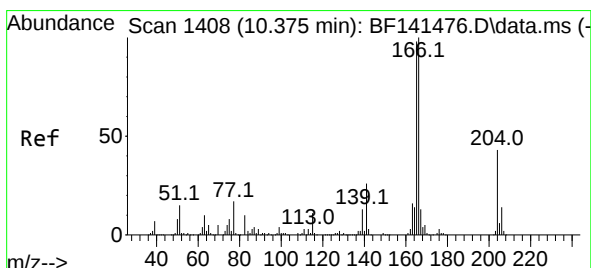
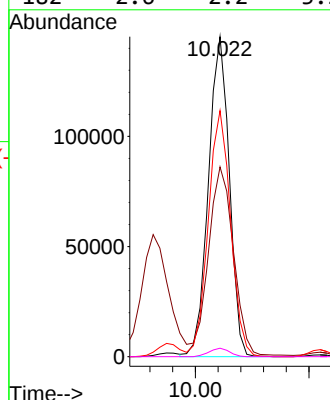
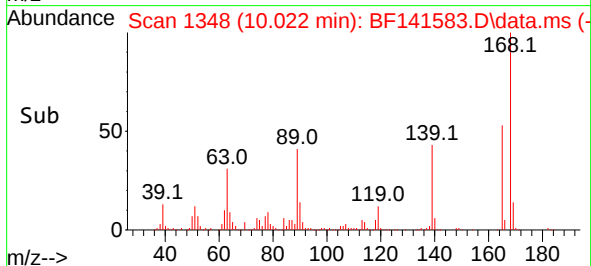
#57
2,4-Dinitrotoluene
Concen: 45.830 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Instrument :
BNA_F
ClientSampleId :
PB166681BS

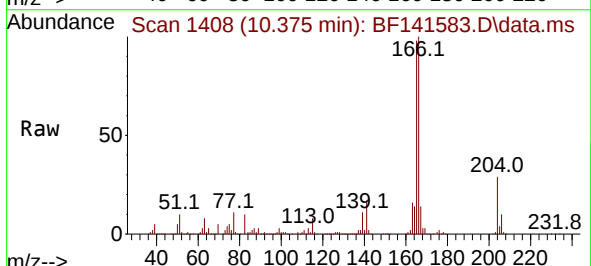


Tgt Ion:165 Resp: 185410

Ion	Ratio	Lower	Upper
165	100		
63	59.3	46.4	69.6
89	76.9	61.8	92.6
182	2.6	2.2	3.2

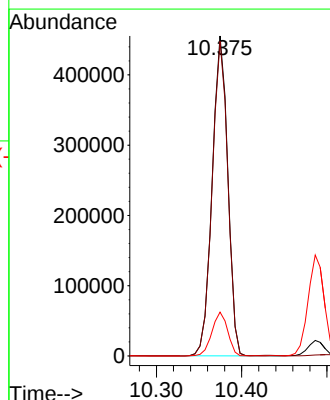
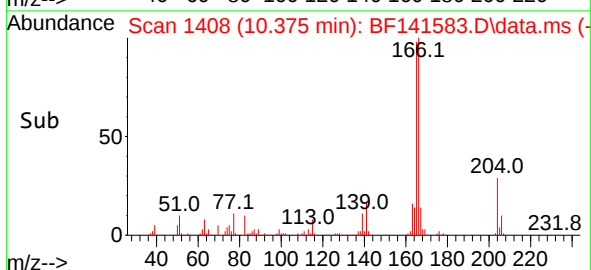


#58
Fluorene
Concen: 43.550 ng
RT: 10.375 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09



Tgt Ion:166 Resp: 580217

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.2	117.2
167	13.7	10.7	16.1

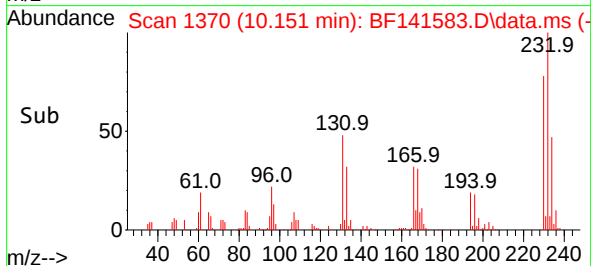
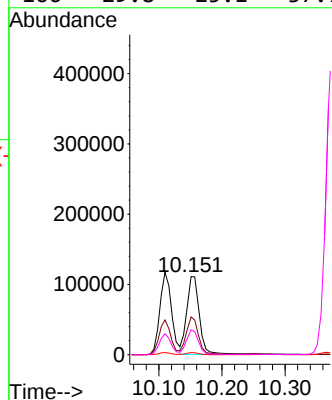
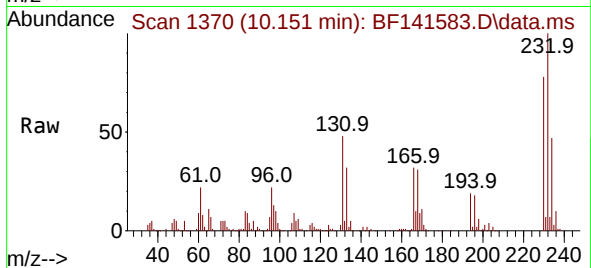




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.394 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

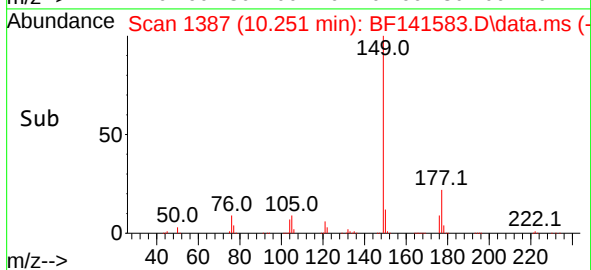
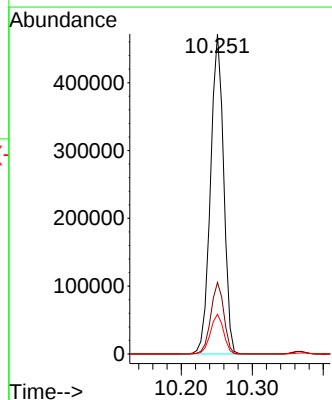
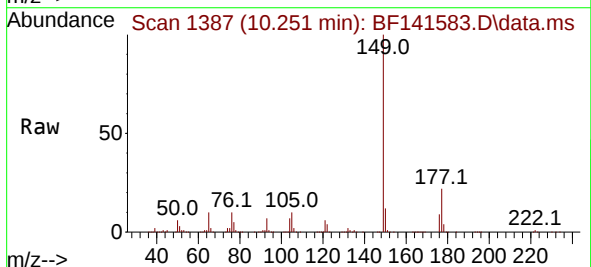
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:232 Resp: 155035
Ion Ratio Lower Upper
232 100
131 46.4 39.2 58.8
130 2.5 2.1 3.1
166 29.8 25.1 37.7



#60
Diethylphthalate
Concen: 44.322 ng
RT: 10.251 min Scan# 1387
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:149 Resp: 606216
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.4 10.1 15.1

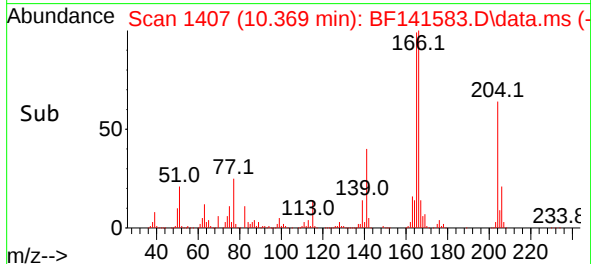
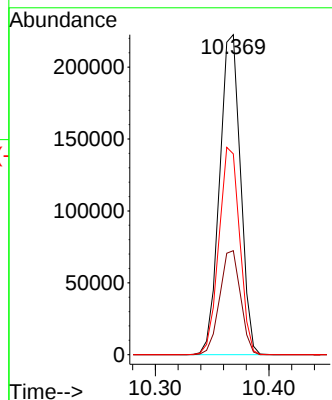
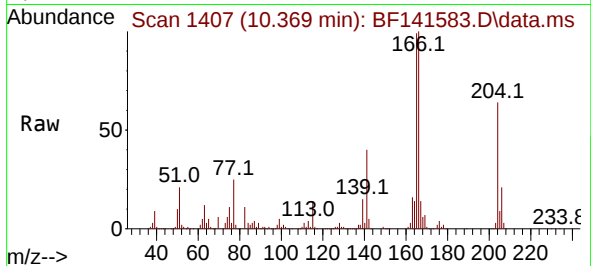




#61
4-Chlorophenyl-phenylether
Concen: 44.433 ng
RT: 10.369 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

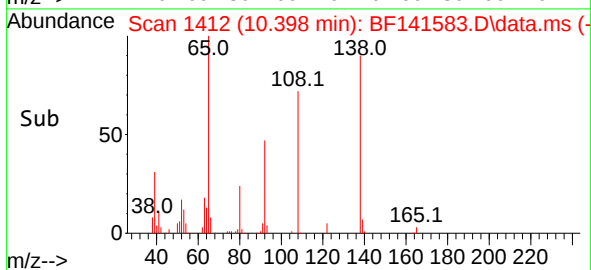
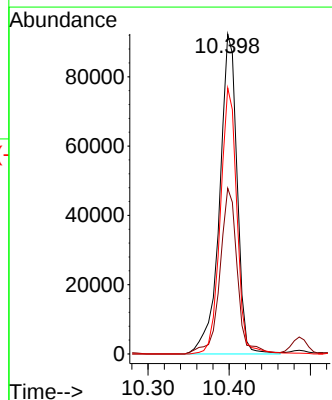
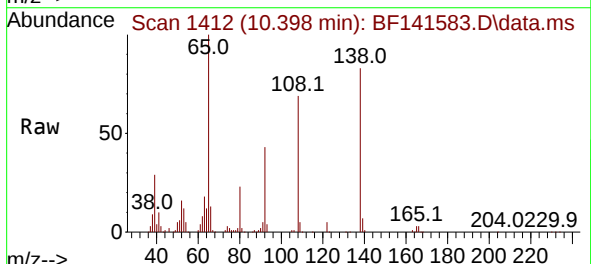
Instrument :
BNA_F
ClientSampleId :
PB166681BS

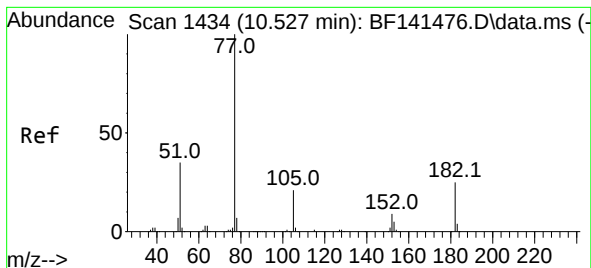
Tgt Ion:204 Resp: 284793
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.7 51.9 77.9



#62
4-Nitroaniline
Concen: 41.774 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:138 Resp: 138742
Ion Ratio Lower Upper
138 100
92 51.8 31.3 71.3
108 83.1 63.7 103.7

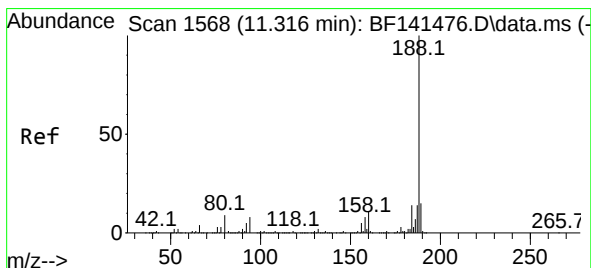
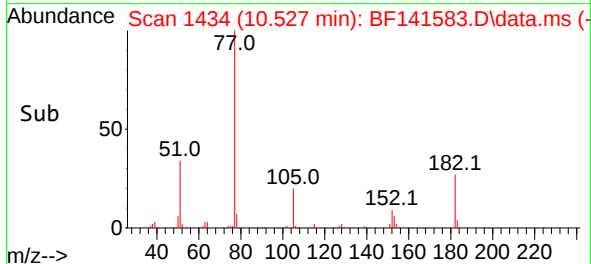
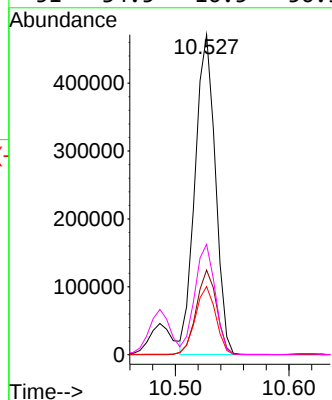
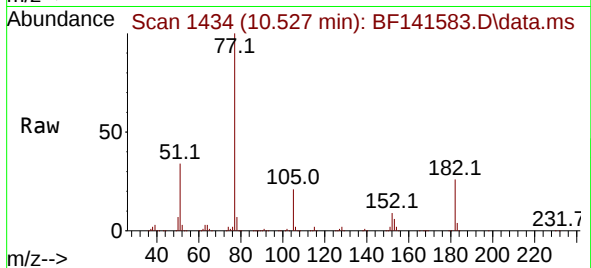




#63
Azobenzene
Concen: 42.934 ng
RT: 10.527 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

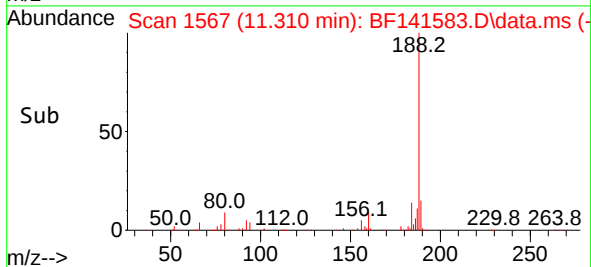
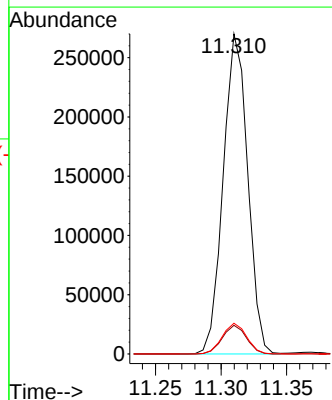
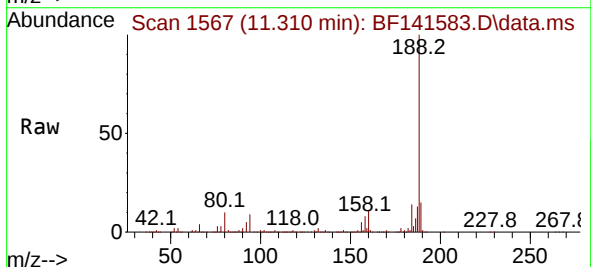
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:	77	Resp:	583788
Ion	Ratio	Lower	Upper
77	100		
182	26.5	4.7	44.7
105	21.3	0.4	40.4
51	34.5	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:	188	Resp:	350908
Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.6	7.3	10.9

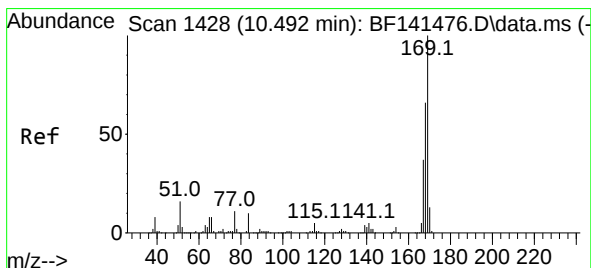
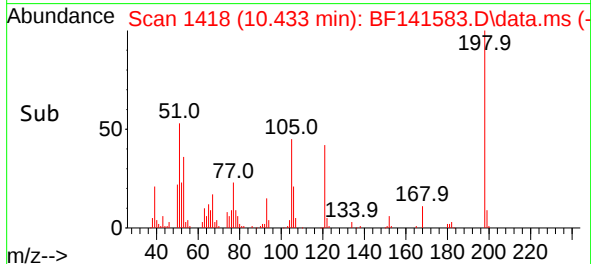
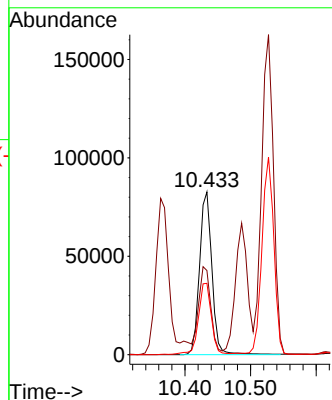
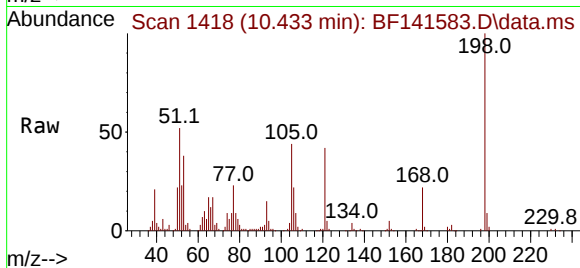




#65
4,6-Dinitro-2-methylphenol
Concen: 44.778 ng
RT: 10.433 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

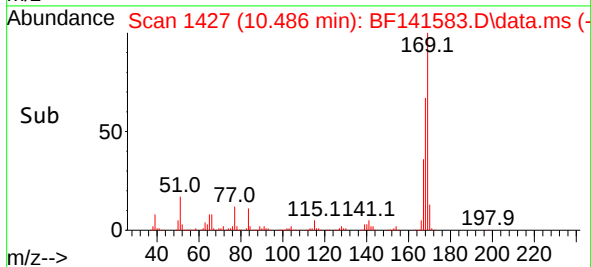
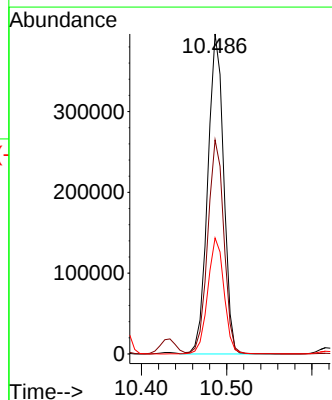
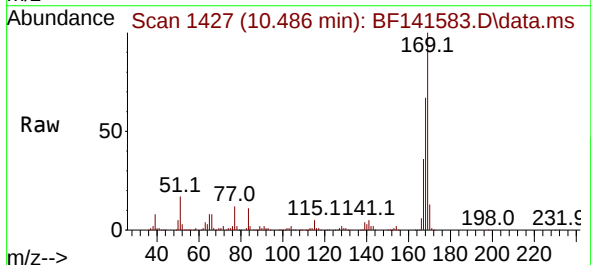
Instrument :
BNA_F
ClientSampleId :
PB166681BS

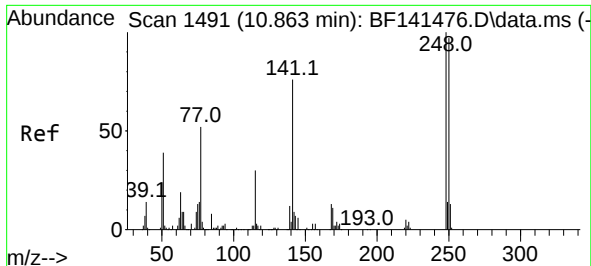
Tgt Ion:198 Resp: 109151
Ion Ratio Lower Upper
198 100
51 51.7 37.4 77.4
105 43.8 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 45.698 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:169 Resp: 513324
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 36.3 29.4 44.2

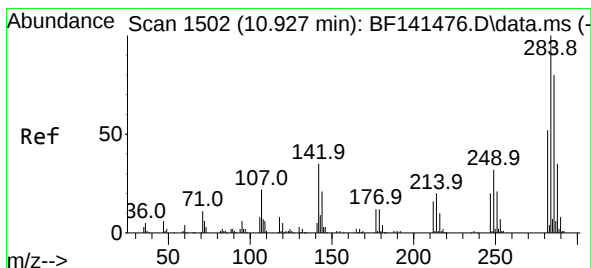
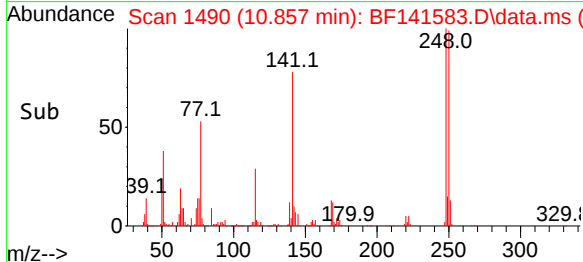
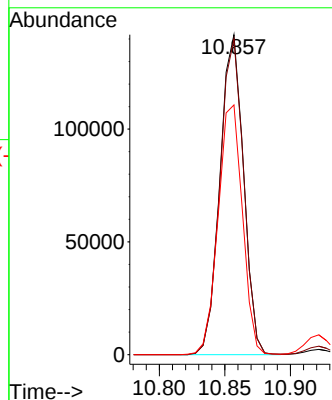
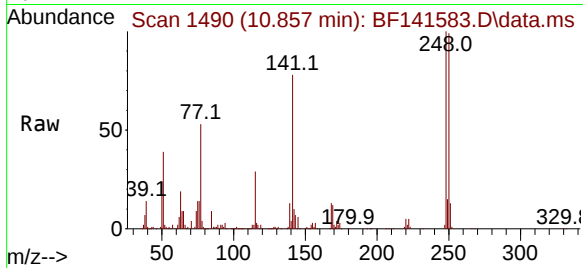




#67
4-Bromophenyl-phenylether
Concen: 45.311 ng
RT: 10.857 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

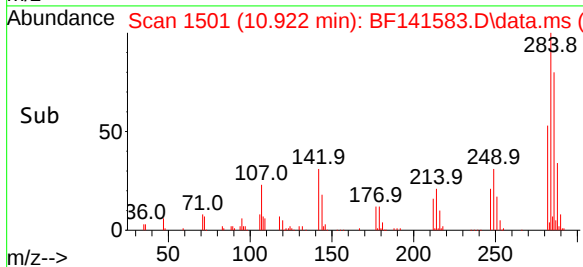
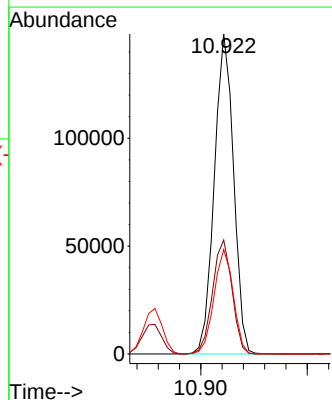
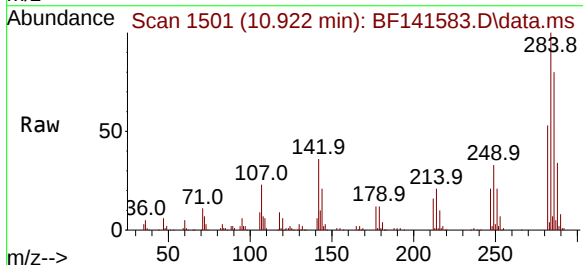
Instrument :
BNA_F
ClientSampleId :
PB166681BS

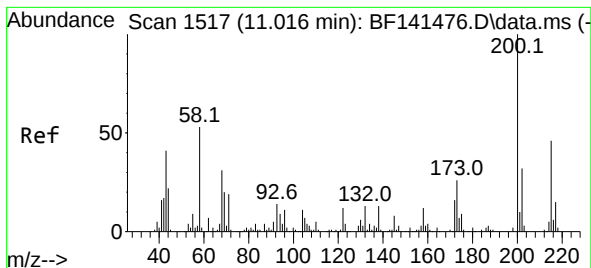
Tgt Ion:248 Resp: 177705
Ion Ratio Lower Upper
248 100
250 98.6 77.8 116.6
141 78.1 60.6 90.8



#68
Hexachlorobenzene
Concen: 46.053 ng
RT: 10.922 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:284 Resp: 185983
Ion Ratio Lower Upper
284 100
142 35.6 28.0 42.0
249 32.6 25.8 38.8





#69

Atrazine

Concen: 58.224 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

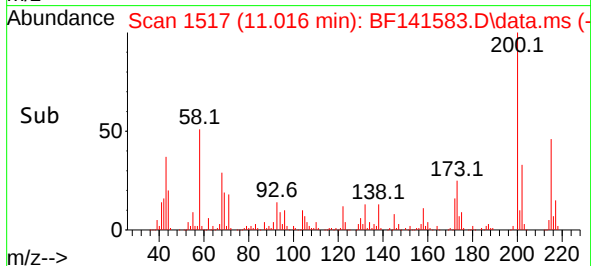
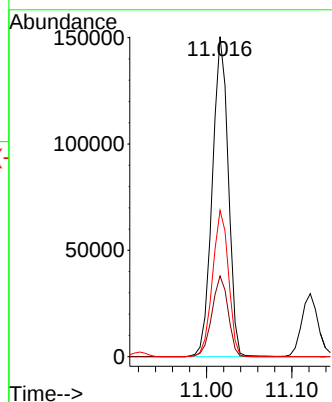
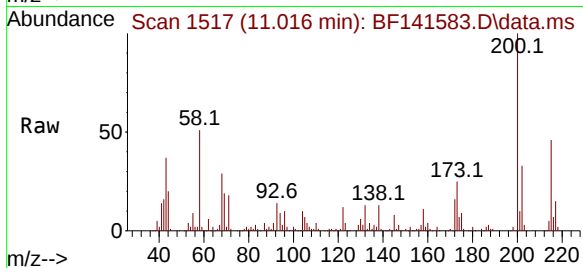
Tgt Ion:200 Resp: 196209

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 45.7 25.9 65.9



#70

Pentachlorophenol

Concen: 82.194 ng

RT: 11.122 min Scan# 1535

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

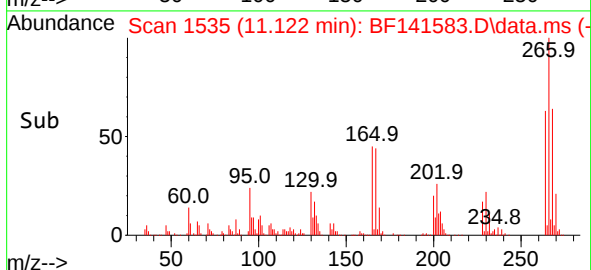
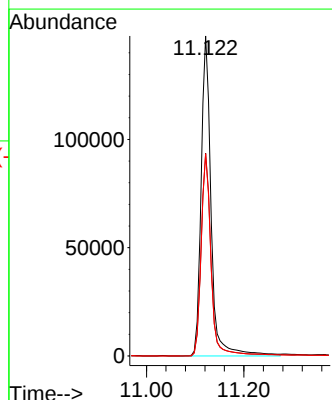
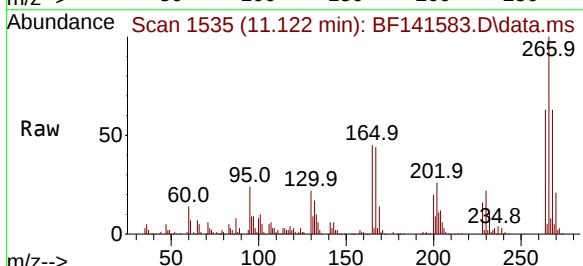
Tgt Ion:266 Resp: 212247

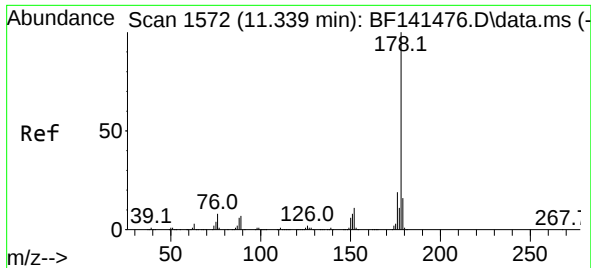
Ion Ratio Lower Upper

266 100

268 63.4 50.1 75.1

264 63.1 50.1 75.1

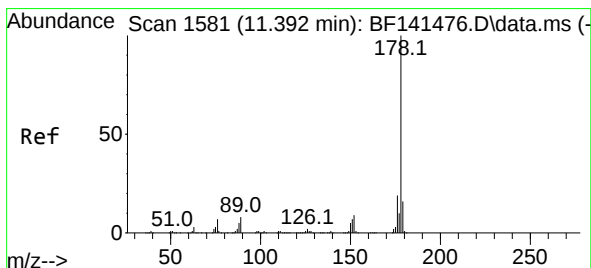
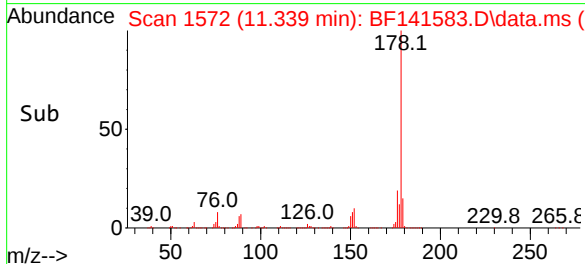
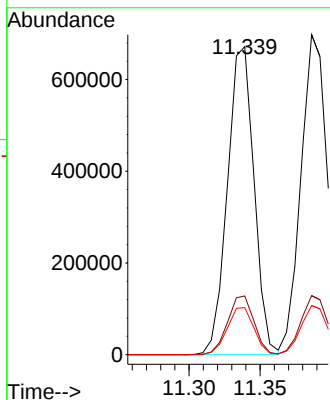
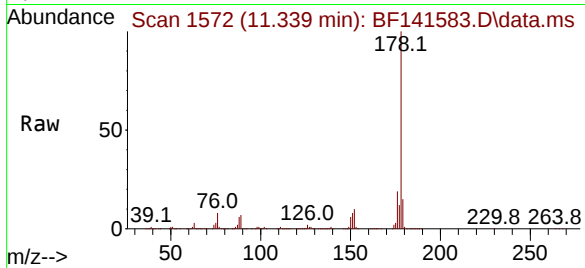




#71
Phenanthrene
Concen: 45.362 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

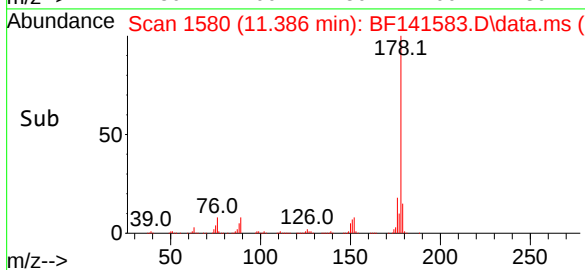
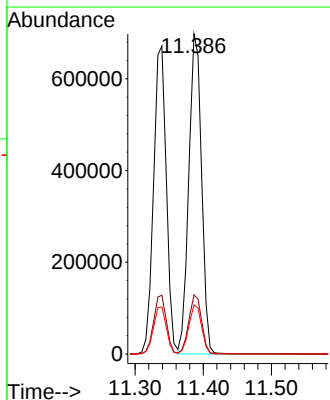
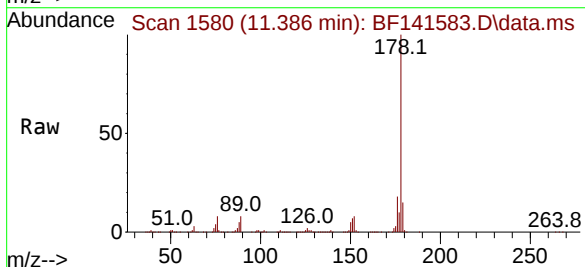
Instrument :
BNA_F
ClientSampleId :
PB166681BS

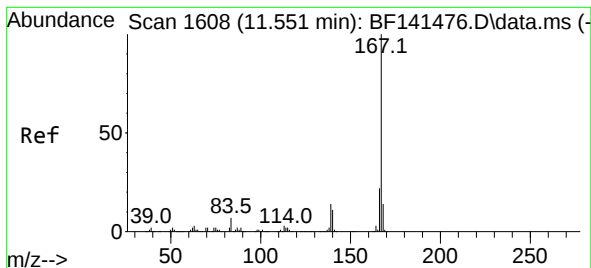
Tgt Ion:178 Resp: 876210
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 46.365 ng
RT: 11.386 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:178 Resp: 900285
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 43.753 ng

RT: 11.545 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

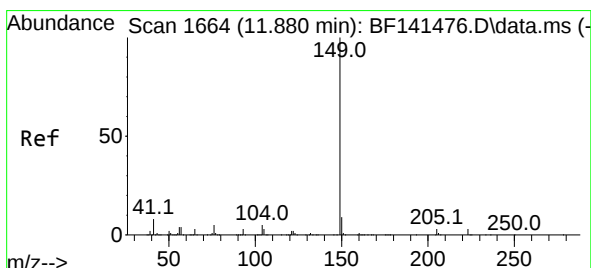
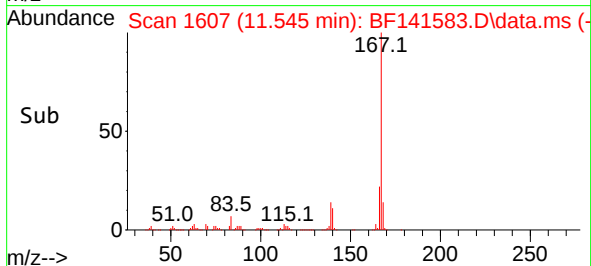
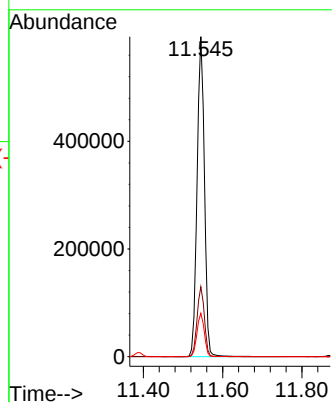
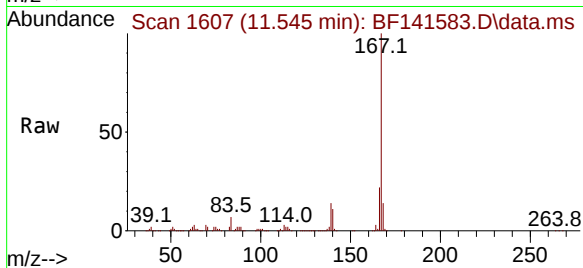
Tgt Ion:167 Resp: 764433

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 45.156 ng

RT: 11.874 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

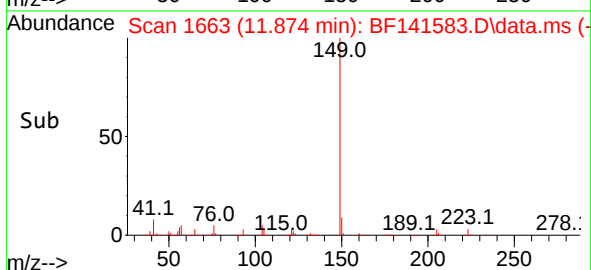
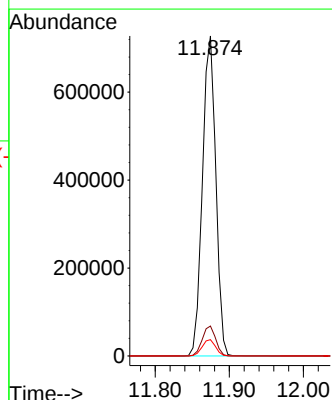
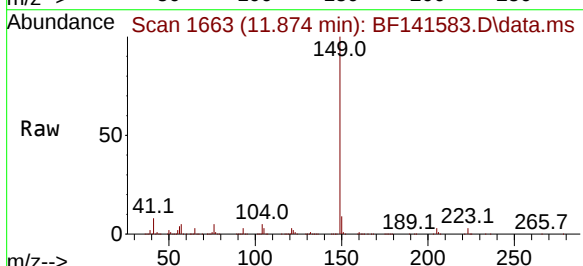
Tgt Ion:149 Resp: 910957

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

104 5.1 4.2 6.2

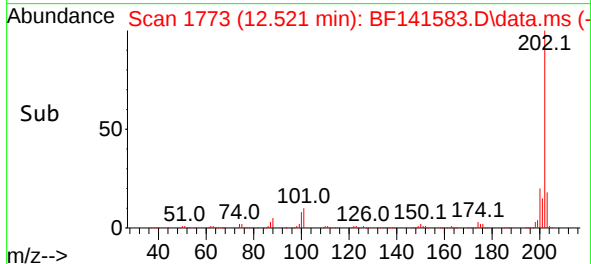
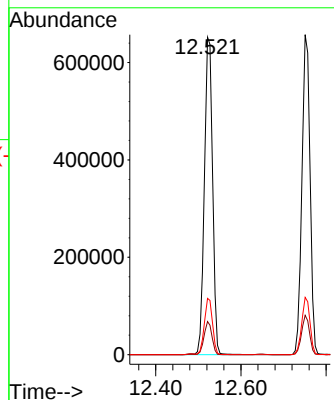
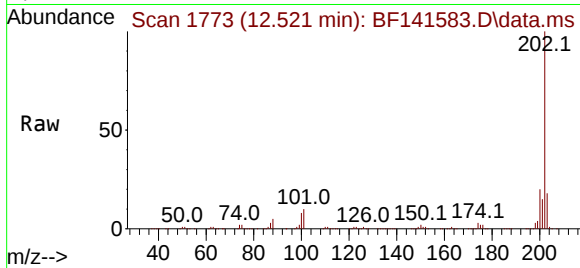




#75
Fluoranthene
Concen: 42.502 ng
RT: 12.521 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

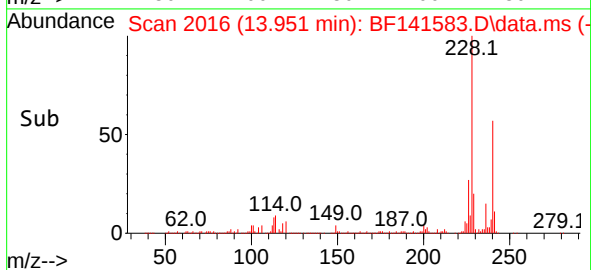
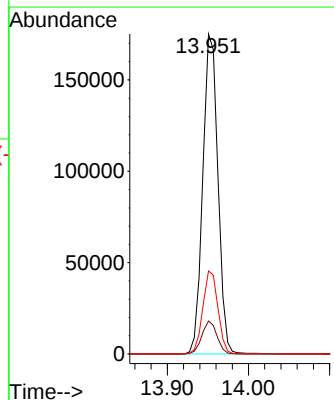
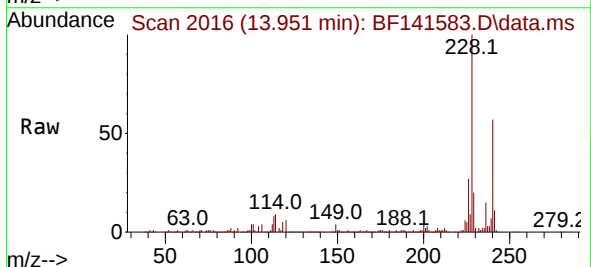
Instrument :
BNA_F
ClientSampleId :
PB166681BS

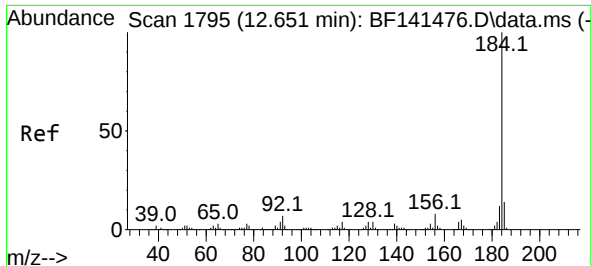
Tgt Ion:202 Resp: 870386
Ion Ratio Lower Upper
202 100
101 10.5 0.0 30.2
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:240 Resp: 226735
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.9 19.8 29.8

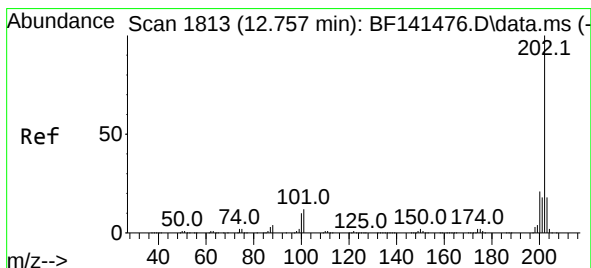
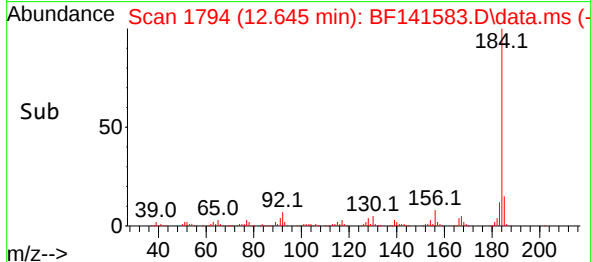
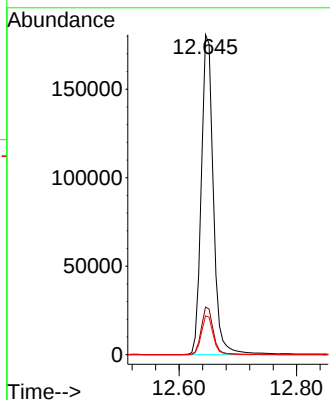
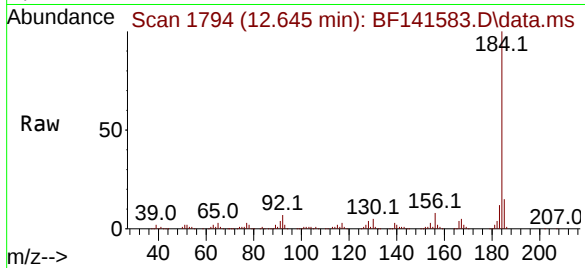




#77
Benzidine
Concen: 51.676 ng
RT: 12.645 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

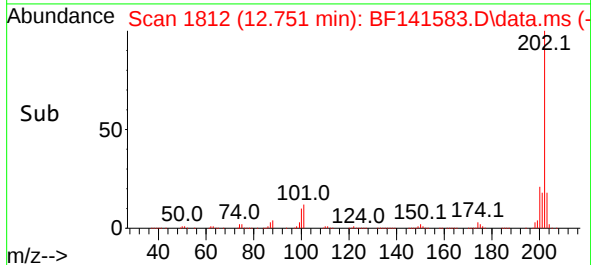
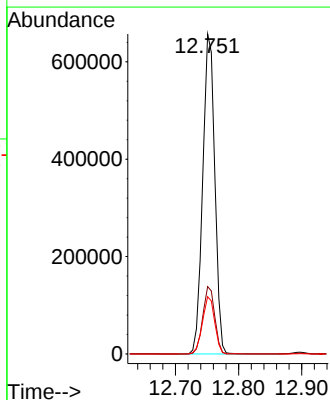
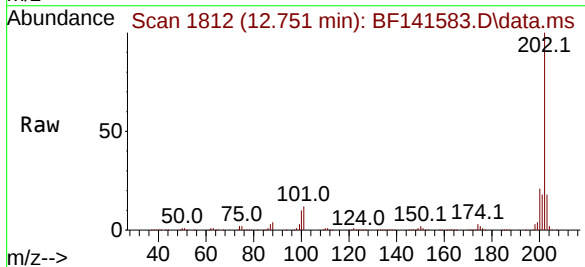
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:184 Resp: 258406
Ion Ratio Lower Upper
184 100
185 14.9 11.3 16.9
183 12.1 9.3 13.9



#78
Pyrene
Concen: 45.217 ng
RT: 12.751 min Scan# 1812
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:202 Resp: 872751
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 101.057 ng

RT: 12.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

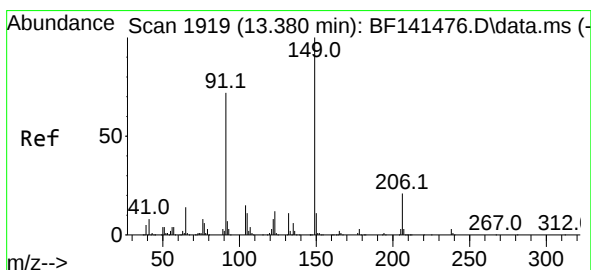
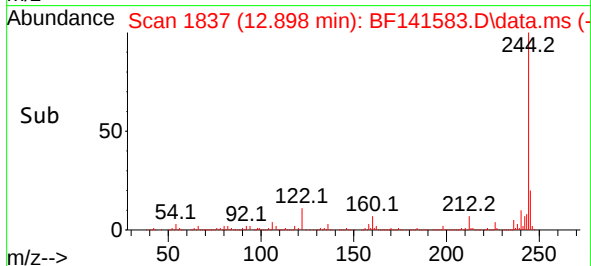
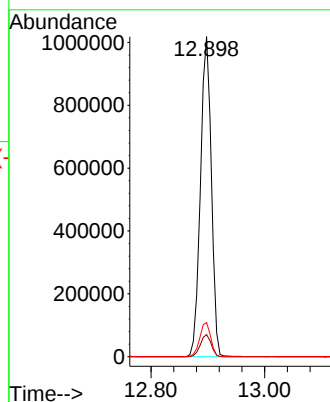
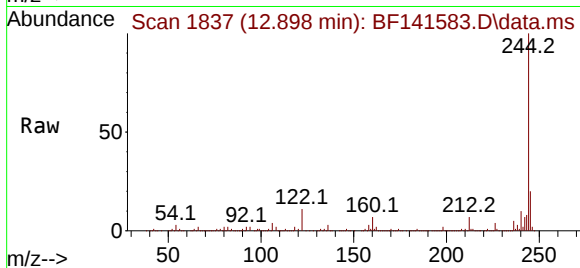
Tgt Ion:244 Resp: 1357282

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 10.6 8.4 12.6



#80

Butylbenzylphthalate

Concen: 48.148 ng

RT: 13.374 min Scan# 1918

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

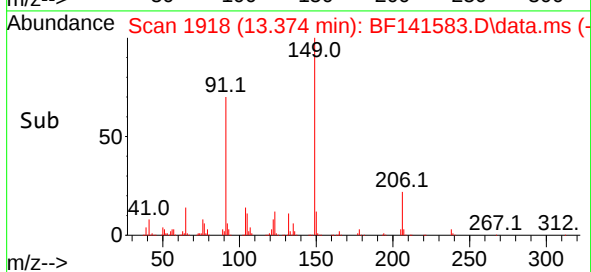
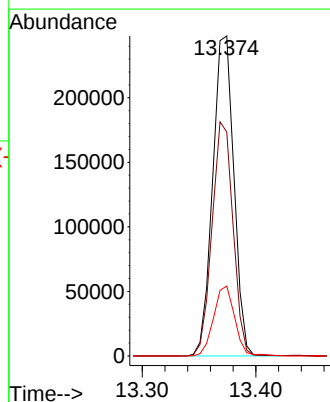
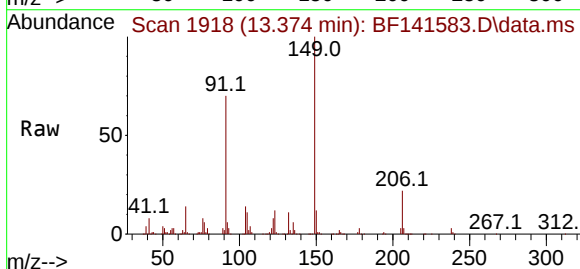
Tgt Ion:149 Resp: 321890

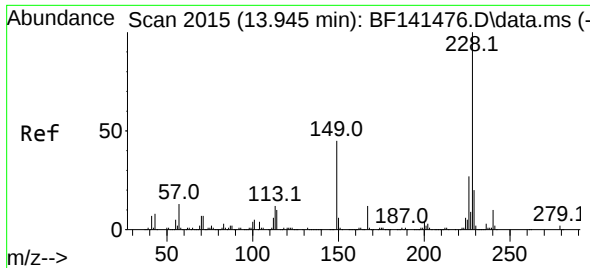
Ion Ratio Lower Upper

149 100

91 70.0 57.8 86.8

206 21.8 16.7 25.1

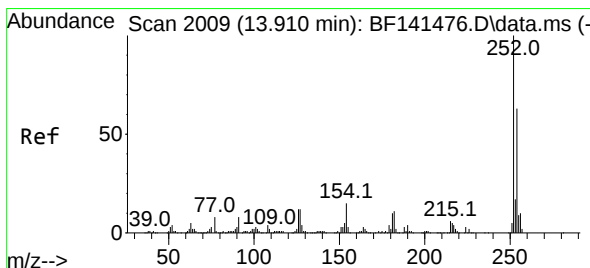
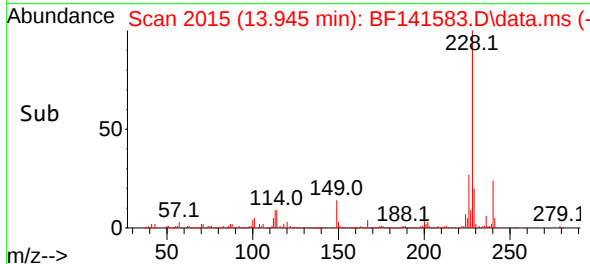
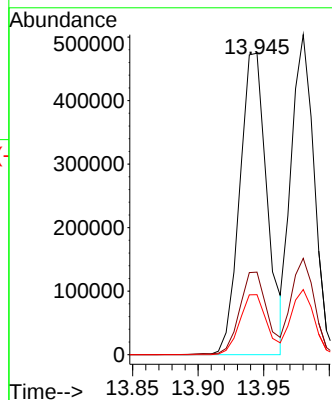
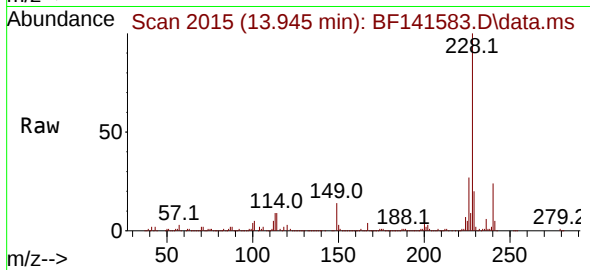




#81
Benzo(a)anthracene
Concen: 45.777 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

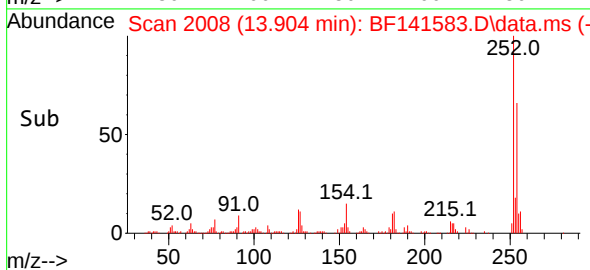
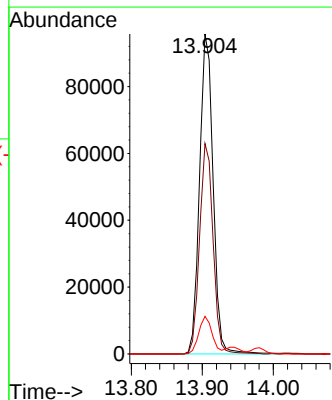
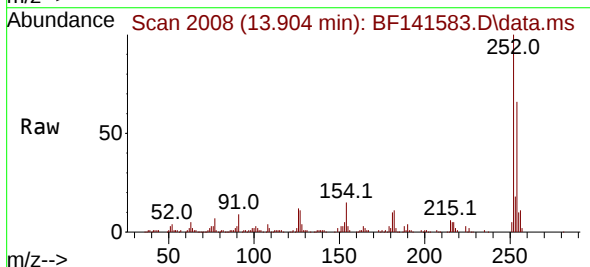
Instrument :
BNA_F
ClientSampleId :
PB166681BS

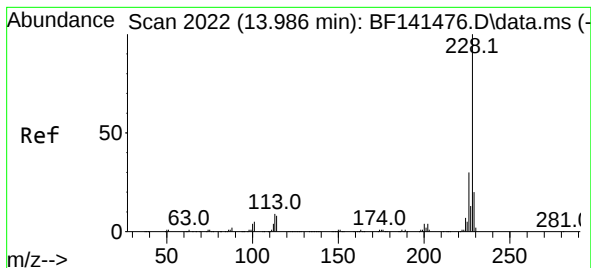
Tgt Ion:228 Resp: 689947
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.9 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 29.539 ng
RT: 13.904 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:252 Resp: 127533
Ion Ratio Lower Upper
252 100
254 65.8 50.6 76.0
126 11.8 9.3 13.9





#83

Chrysene

Concen: 43.967 ng

RT: 13.980 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

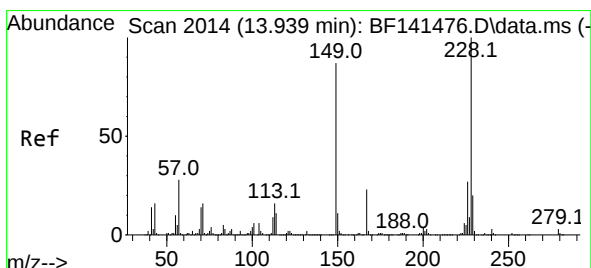
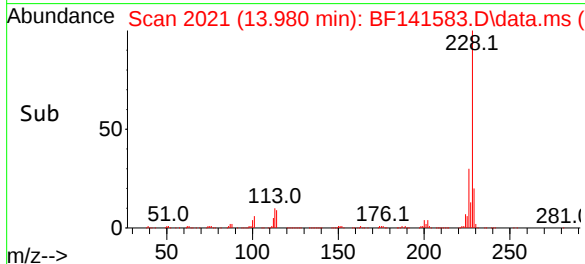
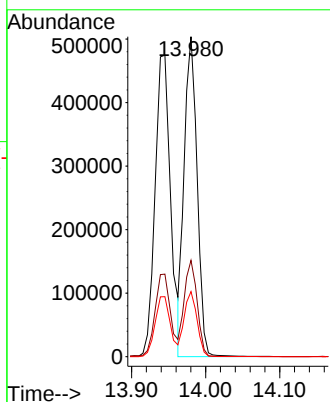
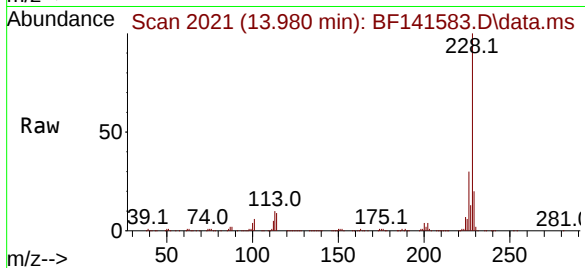
Tgt Ion:228 Resp: 611871

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.783 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

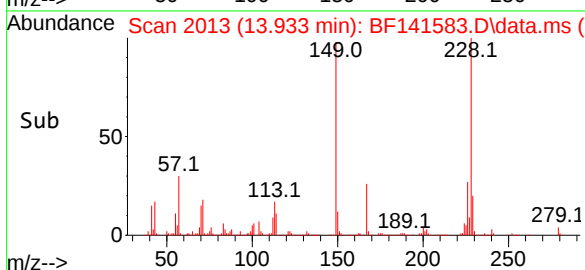
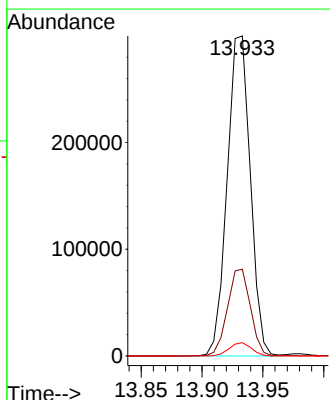
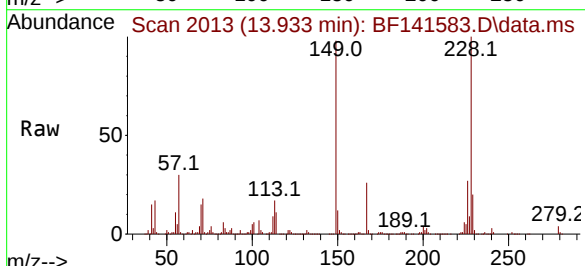
Tgt Ion:149 Resp: 397991

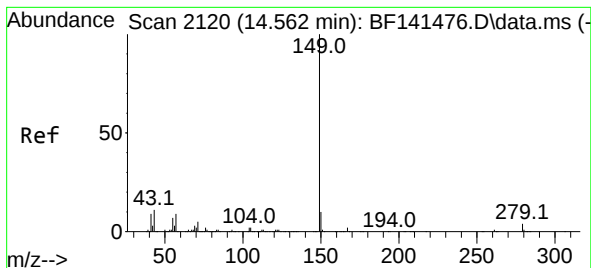
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.119 ng

RT: 14.545 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

Instrument :

BNA_F

ClientSampleId :

PB166681BS

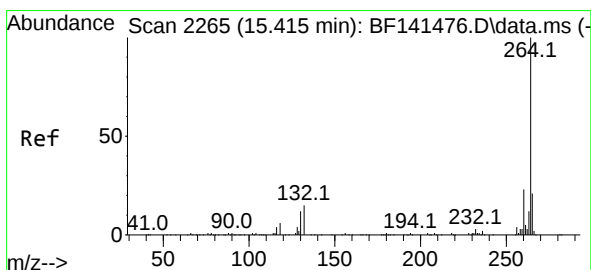
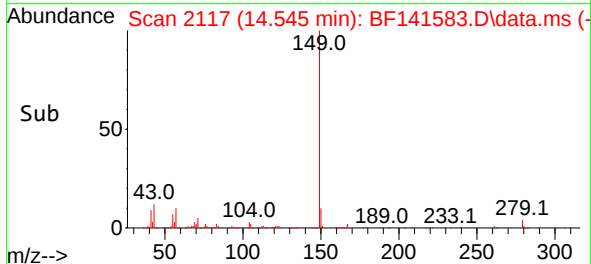
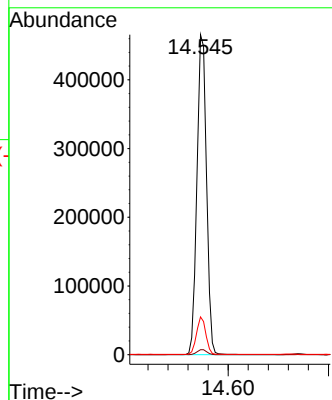
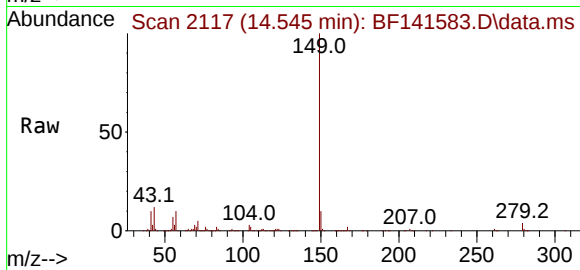
Tgt Ion:149 Resp: 614409

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2263

Delta R.T. -0.012 min

Lab File: BF141583.D

Acq: 12 Feb 2025 12:09

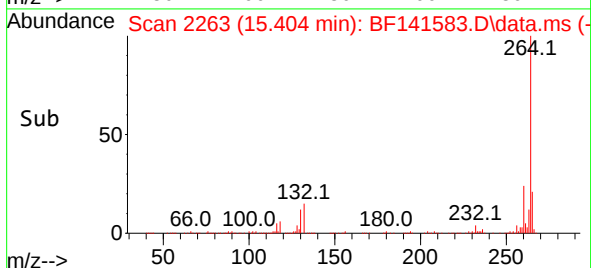
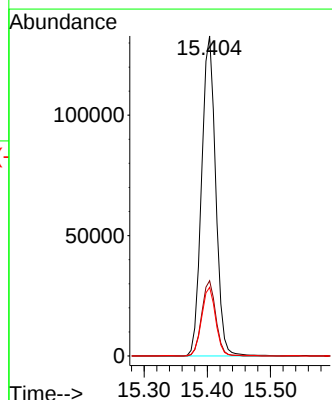
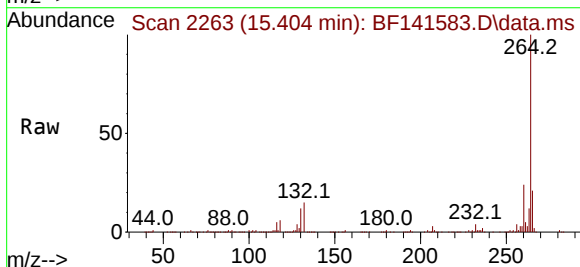
Tgt Ion:264 Resp: 205548

Ion Ratio Lower Upper

264 100

260 23.5 18.6 28.0

265 21.5 17.0 25.4

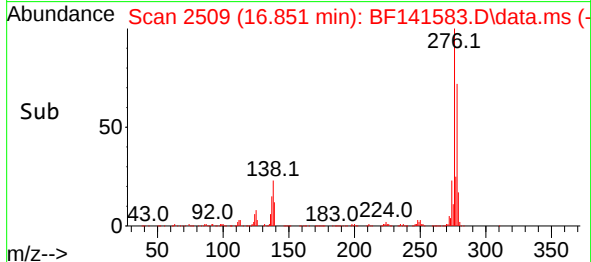
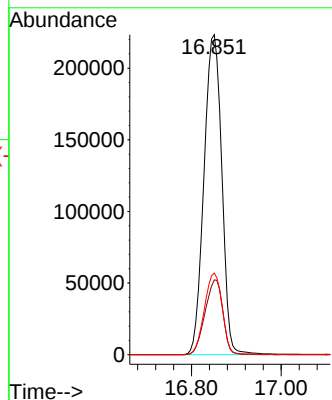
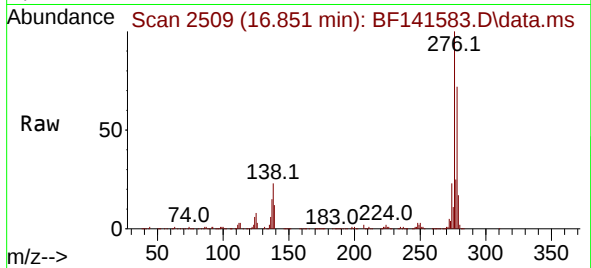




#87
Indeno(1,2,3-cd)pyrene
Concen: 48.518 ng
RT: 16.851 min Scan# 2109
Delta R.T. -0.023 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

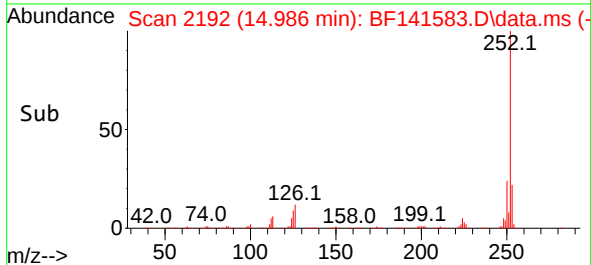
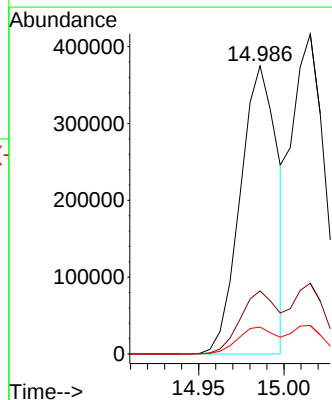
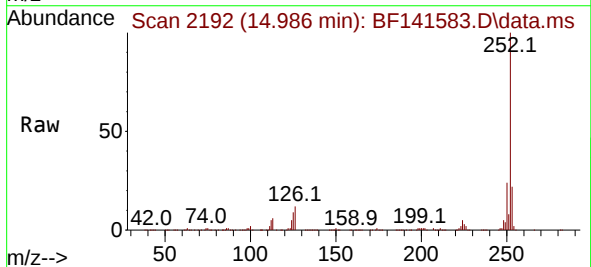
Instrument :
BNA_F
ClientSampleId :
PB166681BS

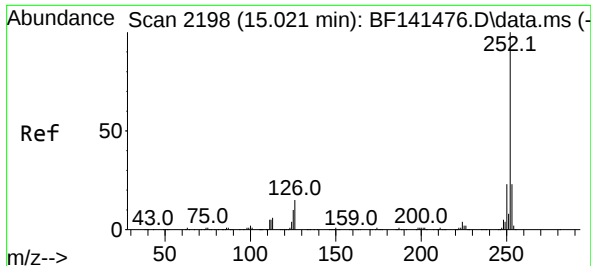
Tgt Ion:276 Resp: 616213
Ion Ratio Lower Upper
276 100
138 23.4 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 41.008 ng
RT: 14.986 min Scan# 2192
Delta R.T. -0.018 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:252 Resp: 565975
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.4 7.0 10.6

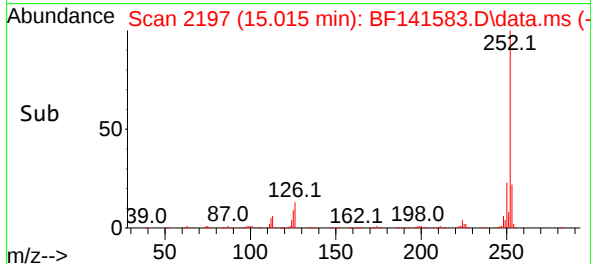
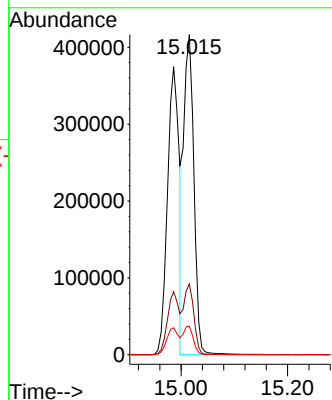
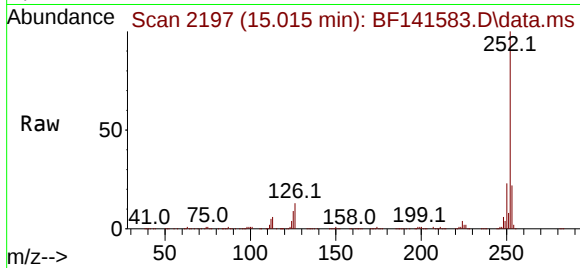




#89
Benzo(k)fluoranthene
Concen: 47.634 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.018 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

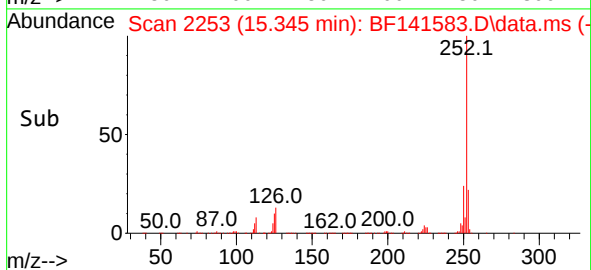
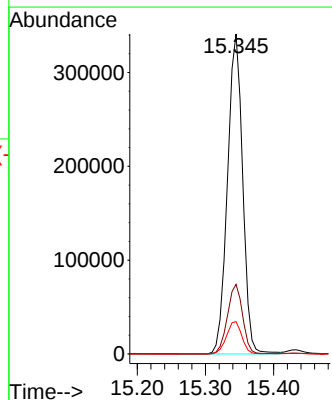
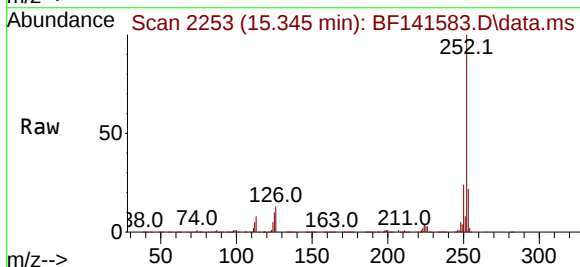
Instrument :
BNA_F
ClientSampleId :
PB166681BS

Tgt Ion:252 Resp: 561385
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 8.9 7.4 11.0



#90
Benzo(a)pyrene
Concen: 47.404 ng
RT: 15.345 min Scan# 2253
Delta R.T. -0.018 min
Lab File: BF141583.D
Acq: 12 Feb 2025 12:09

Tgt Ion:252 Resp: 529397
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 10.1 7.4 11.2

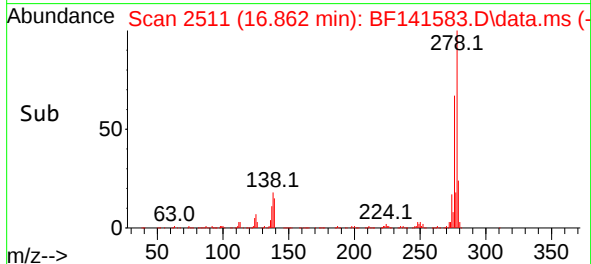
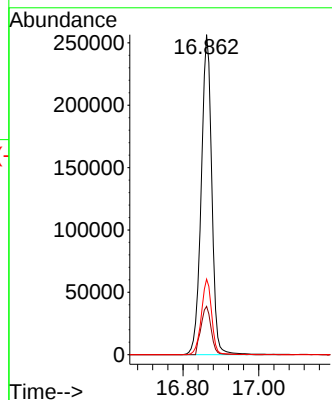
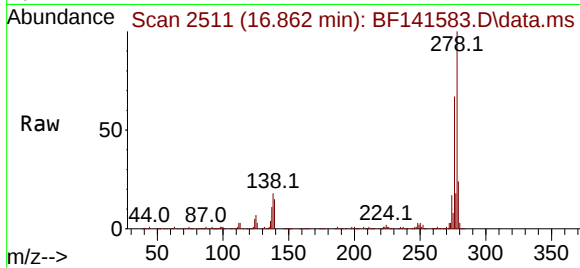




#91
 Dibenzo(a,h)anthracene
 Concen: 48.253 ng
 RT: 16.862 min Scan# 2511
 Delta R.T. -0.029 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Instrument :
 BNA_F
 ClientSampleId :
 PB166681BS

Tgt Ion:278 Resp: 496580
 Ion Ratio Lower Upper
 278 100
 139 15.1 11.8 17.6
 279 23.6 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 44.759 ng
 RT: 17.280 min Scan# 2582
 Delta R.T. -0.035 min
 Lab File: BF141583.D
 Acq: 12 Feb 2025 12:09

Tgt Ion:276 Resp: 482020
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.6 28.0
 138 19.4 15.9 23.9

