

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143282.D
 Acq On : 01 Aug 2025 15:05
 Operator : RC/JU
 Sample : PB169087BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Quant Time: Aug 01 15:30:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	107274	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	412890	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	188744	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	317992	20.000	ng	0.00
76) Chrysene-d12	14.127	240	191263	20.000	ng	0.00
86) Perylene-d12	15.627	264	198657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	889664	131.240	ng	0.02
7) Phenol-d6	6.592	99	1096636	128.524	ng	0.00
23) Nitrobenzene-d5	7.516	82	703470	84.928	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	262982	134.874	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1129466	81.840	ng	0.00
79) Terphenyl-d14	13.068	244	1291057	100.450	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.893	88	131190	40.899	ng	99
3) Pyridine	3.646	79	350739	42.128	ng	98
4) n-Nitrosodimethylamine	3.587	42	195922	45.579	ng	97
6) Aniline	6.622	93	340144	28.604	ng	98
8) 2-Chlorophenol	6.745	128	315096	44.344	ng	98
9) Benzaldehyde	6.510	77	202047	31.579	ng	99
10) Phenol	6.604	94	429004	46.153	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	310729	43.659	ng	99
12) 1,3-Dichlorobenzene	6.904	146	327981	42.490	ng	99
13) 1,4-Dichlorobenzene	6.981	146	337926	43.471	ng	99
14) 1,2-Dichlorobenzene	7.134	146	323879	43.806	ng	99
15) Benzyl Alcohol	7.098	79	284799	43.714	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	562292	42.590	ng	98
17) 2-Methylphenol	7.210	107	272647	45.634	ng	100
18) Hexachloroethane	7.475	117	120665	44.839	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	232055	42.391	ng	99
20) 3+4-Methylphenols	7.357	107	313721	43.279	ng	# 83
22) Acetophenone	7.363	105	425493	43.528	ng	96
24) Nitrobenzene	7.539	77	381344	49.381	ng	100
25) Isophorone	7.775	82	694419	47.490	ng	98
26) 2-Nitrophenol	7.851	139	181842	54.256	ng	98
27) 2,4-Dimethylphenol	7.886	122	299296	43.810	ng	100
28) bis(2-Chloroethoxy)met...	7.981	93	387678	44.219	ng	99
29) 2,4-Dichlorophenol	8.098	162	257480	44.691	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	272976	43.856	ng	99
31) Naphthalene	8.263	128	906176	44.564	ng	100
32) Benzoic acid	7.998	122	162165	42.771	ng	99
33) 4-Chloroaniline	8.304	127	107302	12.923	ng	99
34) Hexachlorobutadiene	8.381	225	168633	44.350	ng	99
35) Caprolactam	8.669	113	58174	33.414	ng	100
36) 4-Chloro-3-methylphenol	8.786	107	280867	44.852	ng	99
37) 2-Methylnaphthalene	8.957	142	556698	44.990	ng	99
38) 1-Methylnaphthalene	9.057	142	587013	46.070	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	282723	51.883	ng	98
41) Hexachlorocyclopentadiene	9.116	237	350557	98.869	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	186291	49.396	ng	98

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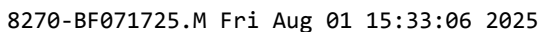
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	185358	49.134	ng	97
46) 1,1'-Biphenyl	9.416	154	655581	44.519	ng	100
47) 2-Chloronaphthalene	9.445	162	476202	43.704	ng	100
48) 2-Nitroaniline	9.533	65	161594	47.292	ng	99
49) Acenaphthylene	9.863	152	803796	44.019	ng	100
50) Dimethylphthalate	9.716	163	563927	45.837	ng	99
51) 2,6-Dinitrotoluene	9.775	165	123173	49.215	ng	98
52) Acenaphthene	10.033	154	517096	47.913	ng	99
53) 3-Nitroaniline	9.939	138	68230	23.307	ng	99
54) 2,4-Dinitrophenol	10.051	184	115140	99.715	ng	# 1
55) Dibenzofuran	10.204	168	700681	43.728	ng	100
56) 4-Nitrophenol	10.104	139	186331	85.238	ng	99
57) 2,4-Dinitrotoluene	10.180	165	163576	52.095	ng	94
58) Fluorene	10.545	166	537544	44.699	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	147655	47.250	ng	98
60) Diethylphthalate	10.416	149	558890	45.961	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	272544	45.514	ng	99
62) 4-Nitroaniline	10.557	138	120518	48.036	ng	98
63) Azobenzene	10.698	77	554123	43.722	ng	100
65) 4,6-Dinitro-2-methylph...	10.586	198	81188	48.624	ng	99
66) n-Nitrosodiphenylamine	10.651	169	474686	42.392	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	166447	43.922	ng	100
68) Hexachlorobenzene	11.098	284	171289	43.244	ng	98
69) Atrazine	11.174	200	151766	49.162	ng	98
70) Pentachlorophenol	11.292	266	194896	83.669	ng	98
71) Phenanthrene	11.510	178	733649	43.451	ng	100
72) Anthracene	11.563	178	749411	43.519	ng	100
73) Carbazole	11.710	167	677874	45.082	ng	99
74) Di-n-butylphthalate	12.039	149	933320	54.856	ng	100
75) Fluoranthene	12.698	202	827855	53.418	ng	100
77) Benzidine	12.810	184	283968	38.536	ng	99
78) Pyrene	12.927	202	905717	55.486	ng	100
80) Butylbenzylphthalate	13.539	149	325108	65.042	ng	98
81) Benzo(a)anthracene	14.115	228	571735	44.649	ng	100
82) 3,3'-Dichlorobenzidine	14.068	252	89750	21.030	ng	98
83) Chrysene	14.151	228	515031	44.735	ng	99
84) Bis(2-ethylhexyl)phtha...	14.098	149	370304	48.946	ng	100
85) Di-n-octyl phthalate	14.715	149	601029	43.827	ng	98
87) Indeno(1,2,3-cd)pyrene	17.174	276	626497	44.724	ng	97
88) Benzo(b)fluoranthene	15.186	252	530622	43.722	ng	99
89) Benzo(k)fluoranthene	15.215	252	532643	49.184	ng	99
90) Benzo(a)pyrene	15.568	252	509069	45.527	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	504080	44.211	ng	98
92) Benzo(g,h,i)perylene	17.639	276	491918	44.602	ng	98

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

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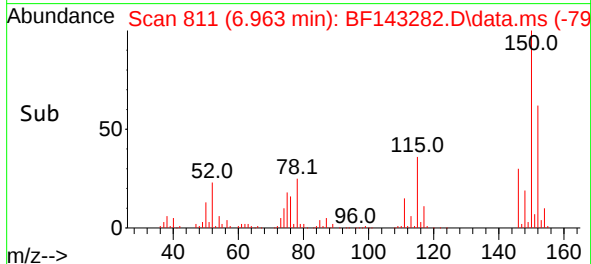
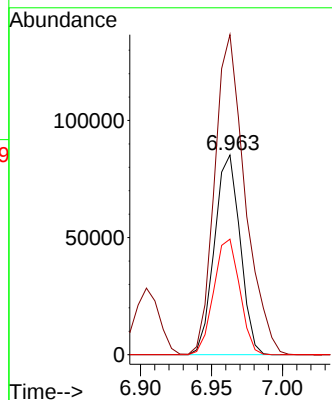
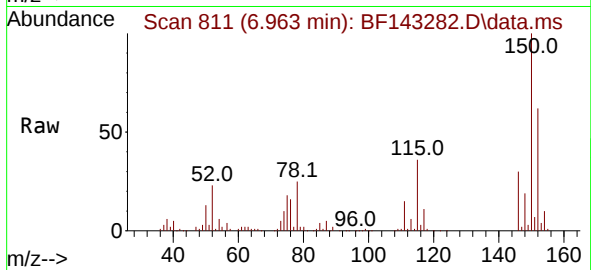




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

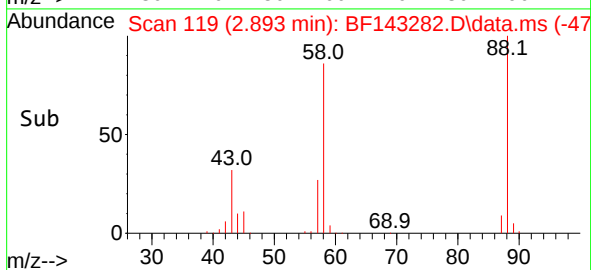
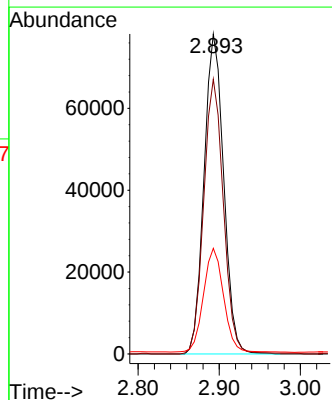
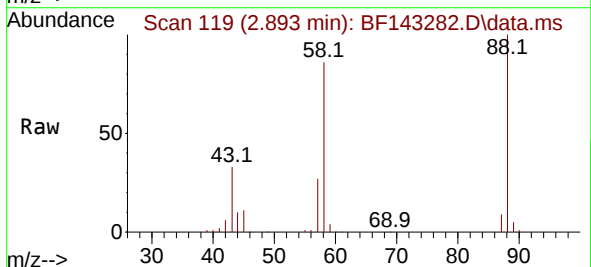
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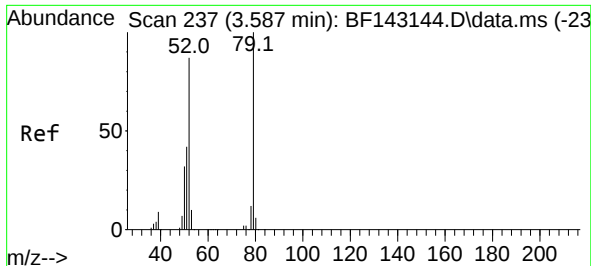
Tgt Ion:152 Resp: 107274
 Ion Ratio Lower Upper
 152 100
 150 160.2 128.2 192.4
 115 57.9 47.9 71.9



#2
 1,4-Dioxane
 Concen: 40.899 ng
 RT: 2.893 min Scan# 119
 Delta R.T. 0.071 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion: 88 Resp: 131190
 Ion Ratio Lower Upper
 88 100
 58 86.6 70.2 105.2
 43 33.4 27.1 40.7

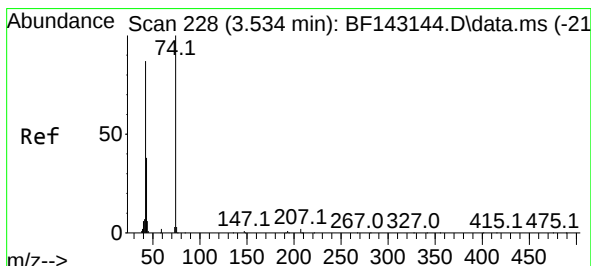
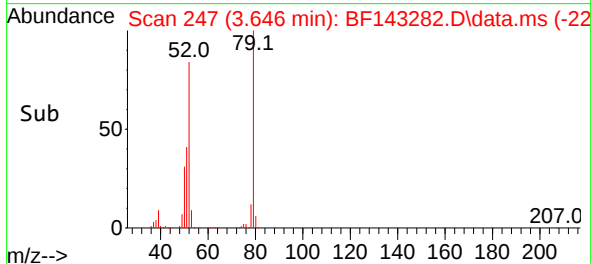
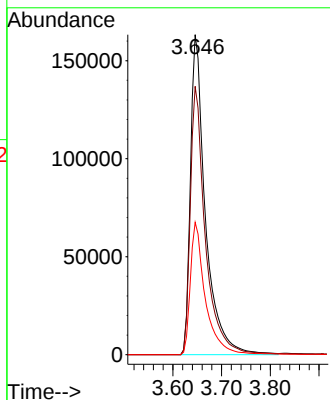
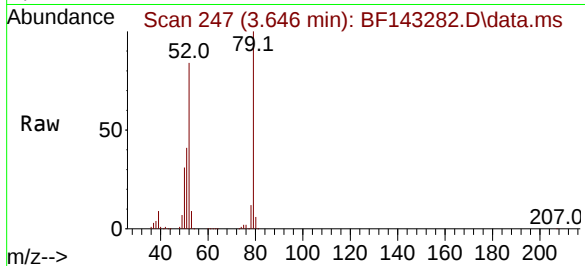




#3
Pyridine
Concen: 42.128 ng
RT: 3.646 min Scan# 24
Delta R.T. 0.059 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

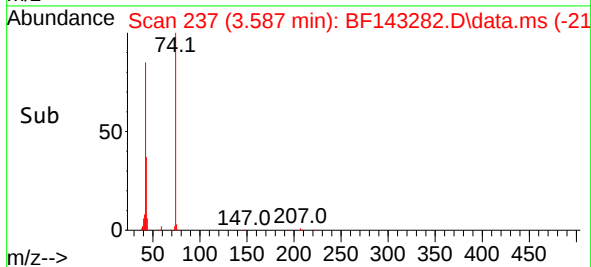
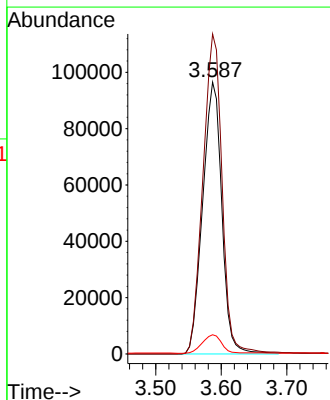
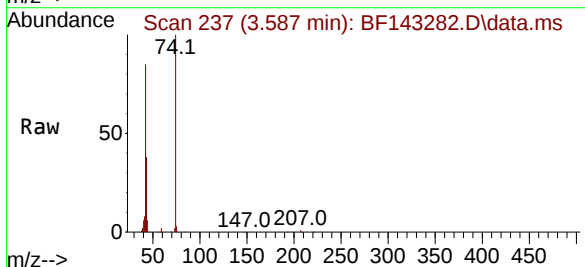
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion: 79 Resp: 350739
Ion Ratio Lower Upper
79 100
52 83.8 69.4 104.2
51 41.3 33.5 50.3



#4
n-Nitrosodimethylamine
Concen: 45.579 ng
RT: 3.587 min Scan# 237
Delta R.T. 0.053 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 42 Resp: 195922
Ion Ratio Lower Upper
42 100
74 117.7 91.7 137.5
44 7.1 5.6 8.4

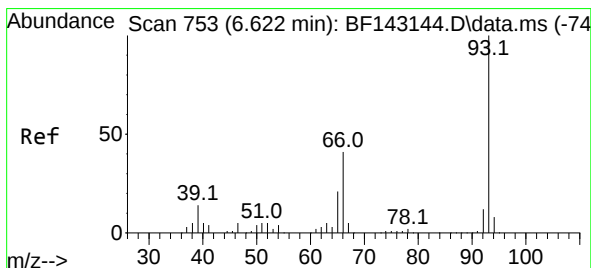
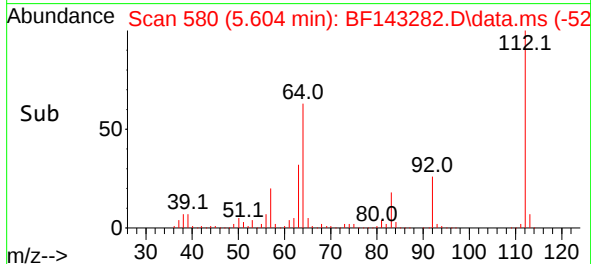
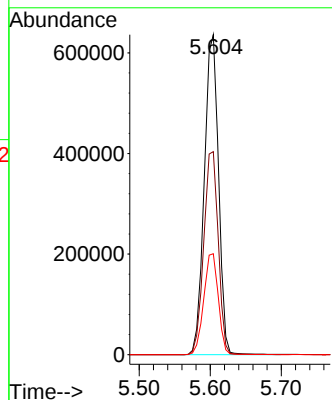
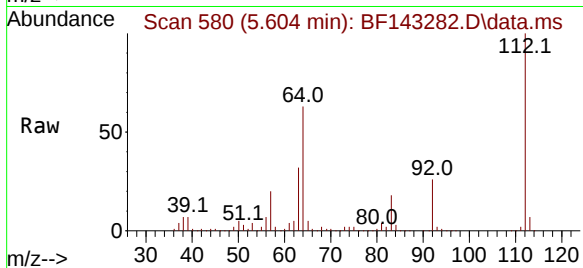




#5
2-Fluorophenol
Concen: 131.240 ng
RT: 5.604 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

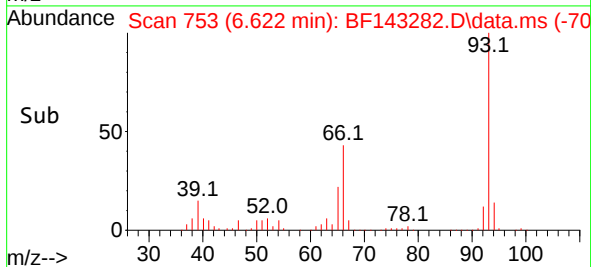
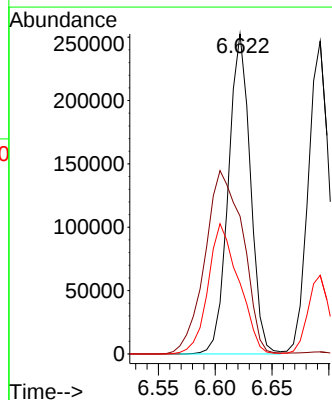
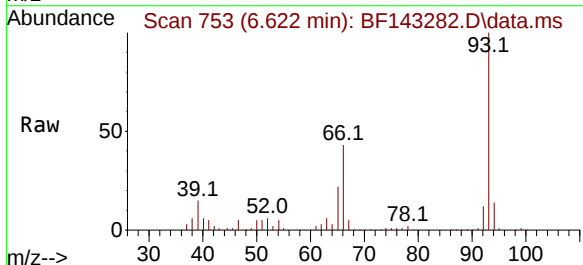
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ClientSampleId :
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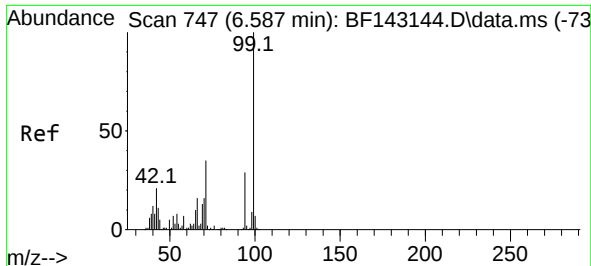
Tgt Ion:112 Resp: 889664
Ion Ratio Lower Upper
112 100
64 63.4 53.1 79.7
63 31.5 26.6 40.0



#6
Aniline
Concen: 28.604 ng
RT: 6.622 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 93 Resp: 340144
Ion Ratio Lower Upper
93 100
66 43.1 33.2 49.8
65 22.2 16.9 25.3

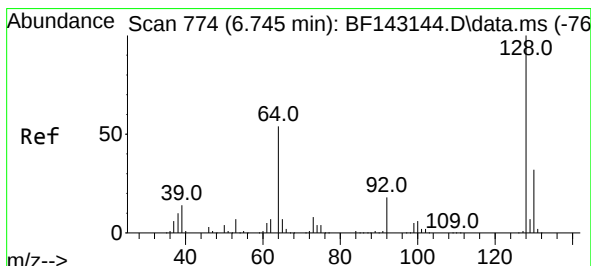
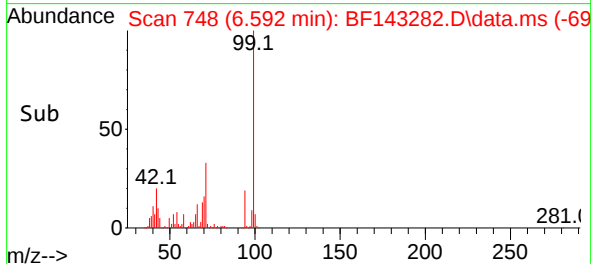
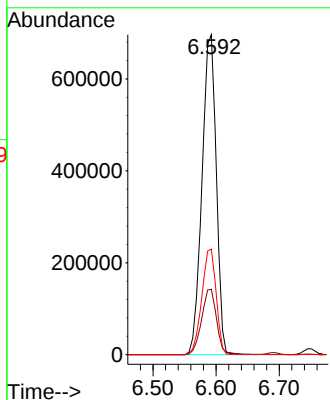
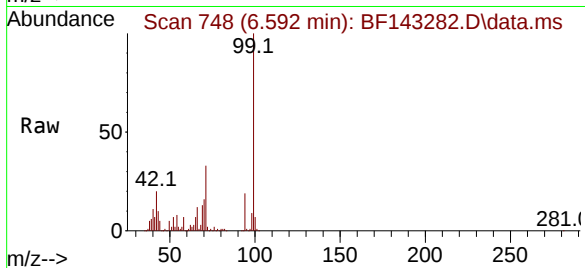




#7
Phenol-d6
Concen: 128.524 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

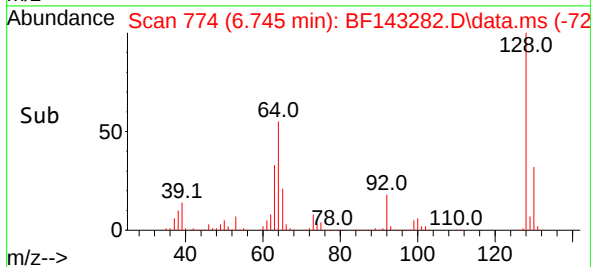
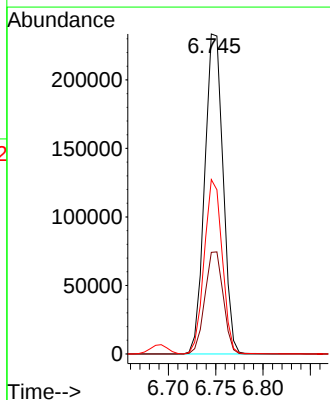
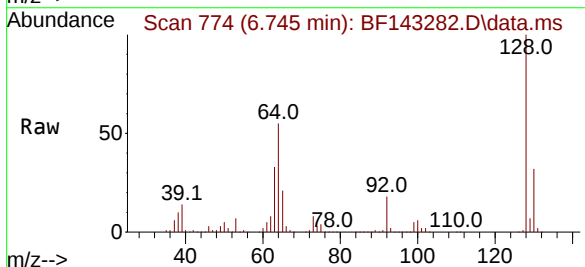
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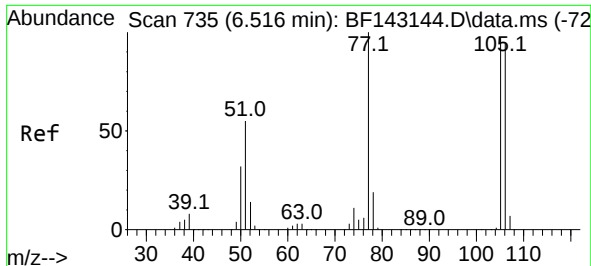
Tgt Ion: 99 Resp: 1096636
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 33.0 27.7 41.5



#8
2-Chlorophenol
Concen: 44.344 ng
RT: 6.745 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 128 Resp: 315096
Ion Ratio Lower Upper
128 100
130 31.8 12.3 52.3
64 54.5 35.9 75.9

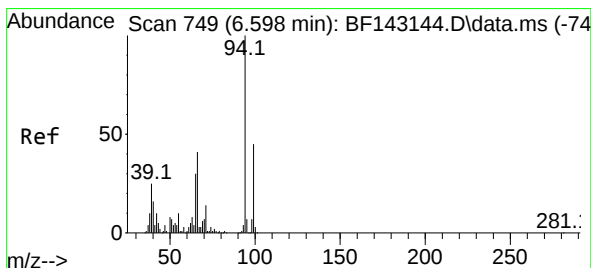
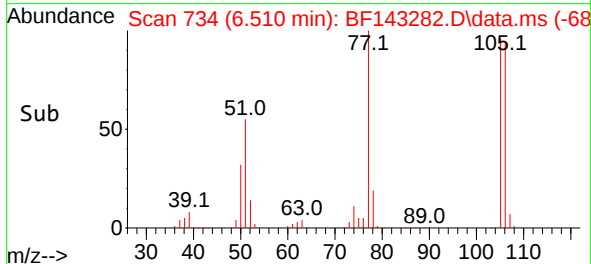
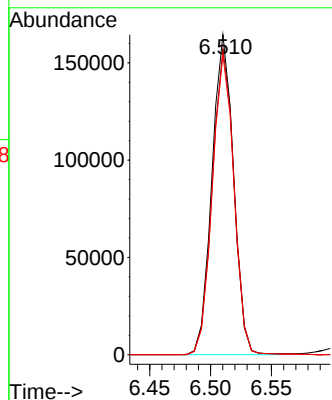
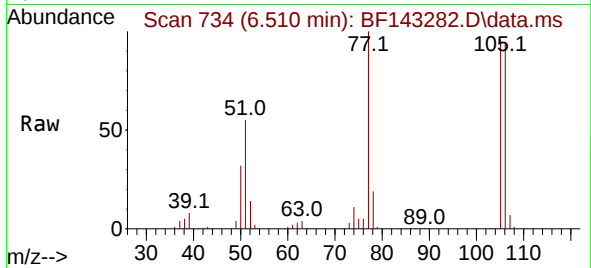




#9
Benzaldehyde
Concen: 31.579 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

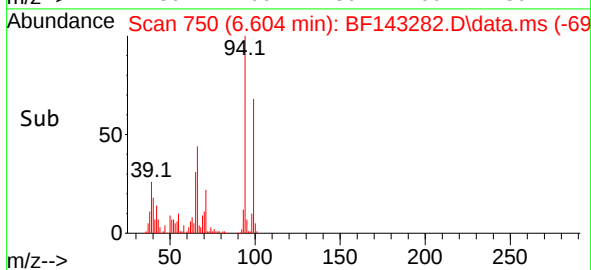
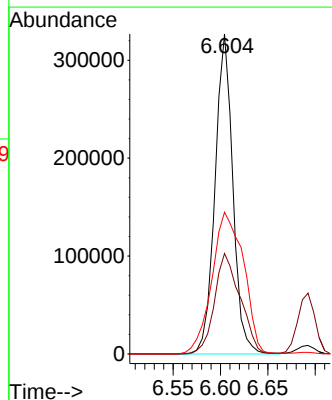
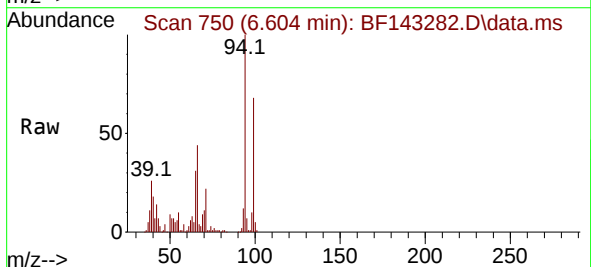
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 202047
Ion Ratio Lower Upper
77 100
105 95.6 76.8 116.8
106 93.7 74.4 114.4



#10
Phenol
Concen: 46.153 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 94 Resp: 429004
Ion Ratio Lower Upper
94 100
65 31.4 10.0 50.0
66 44.3 20.8 60.8

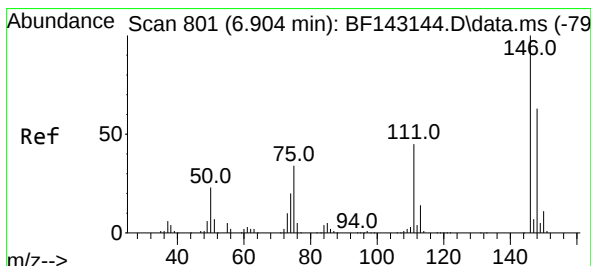
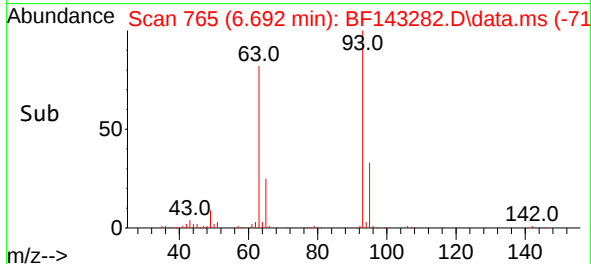
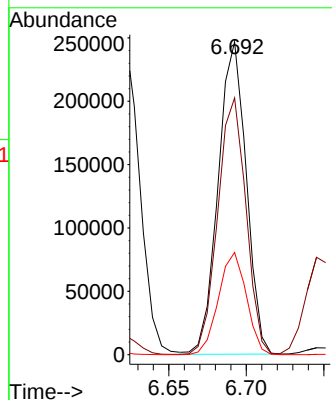
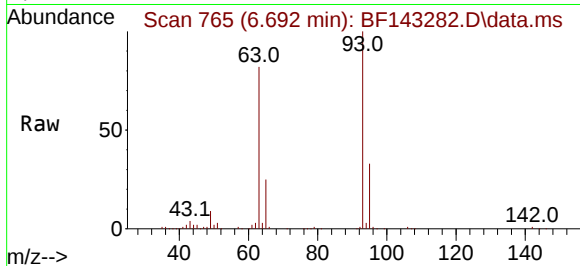




#11
bis(2-Chloroethyl)ether
Concen: 43.659 ng
RT: 6.692 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

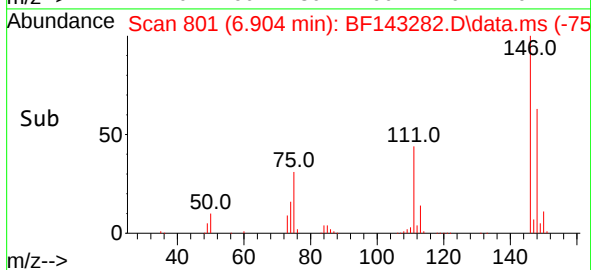
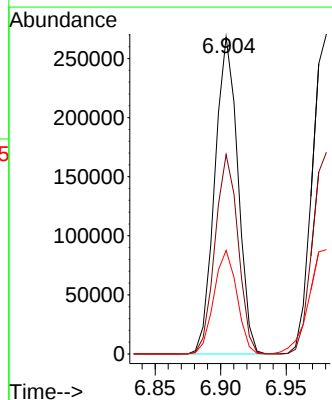
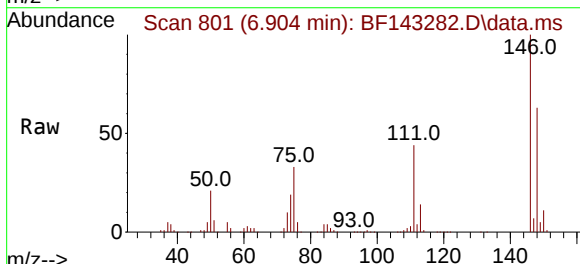
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion: 93 Resp: 310729
Ion Ratio Lower Upper
93 100
63 82.1 63.4 103.4
95 32.7 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 42.490 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 146 Resp: 327981
Ion Ratio Lower Upper
146 100
148 62.9 50.6 76.0
75 32.7 27.4 41.2

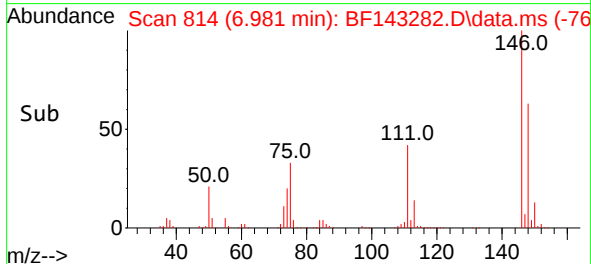
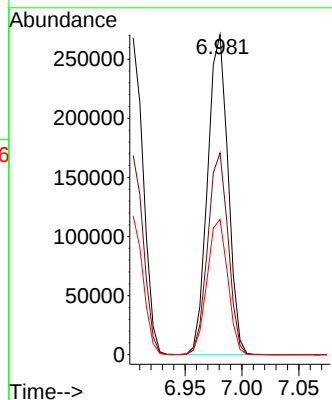
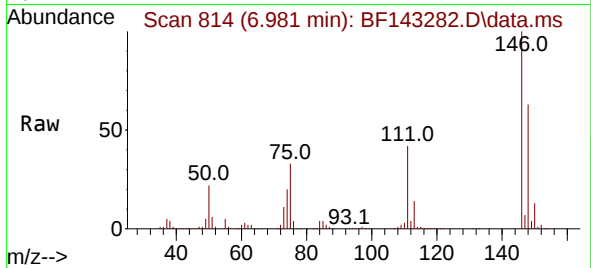




#13
1,4-Dichlorobenzene
Concen: 43.471 ng
RT: 6.981 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

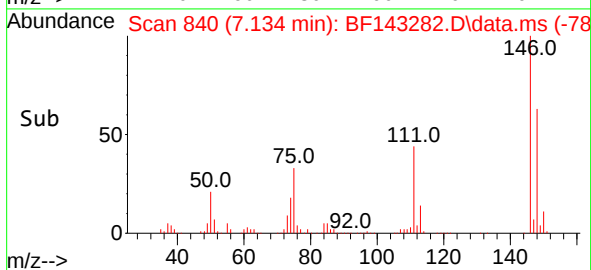
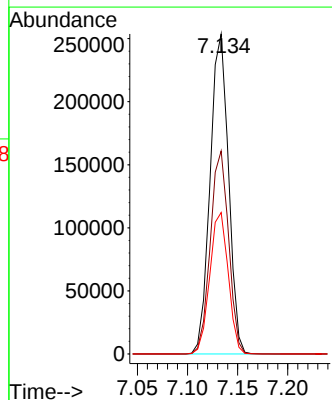
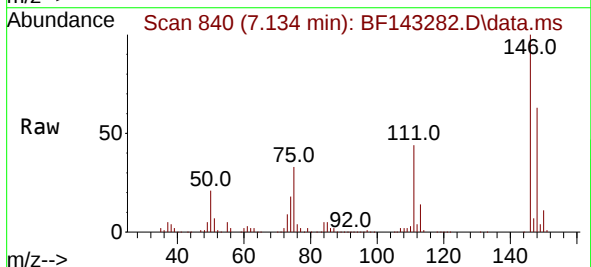
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

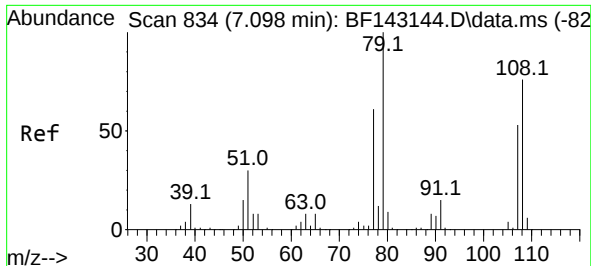
Tgt Ion:146 Resp: 337926
Ion Ratio Lower Upper
146 100
148 63.0 50.3 75.5
111 42.3 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 43.806 ng
RT: 7.134 min Scan# 840
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:146 Resp: 323879
Ion Ratio Lower Upper
146 100
148 63.5 50.7 76.1
111 44.2 36.6 54.8



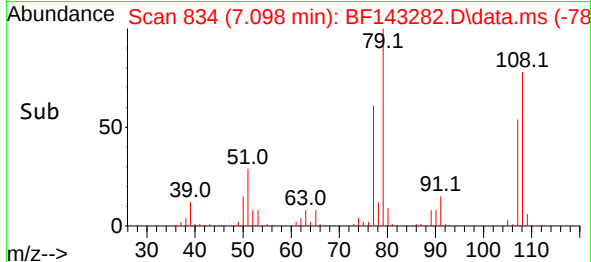
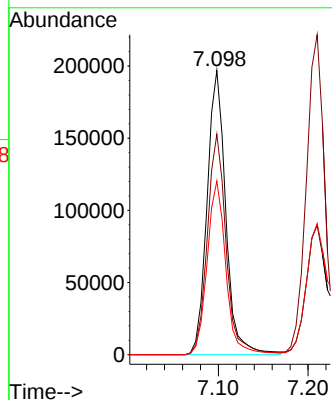
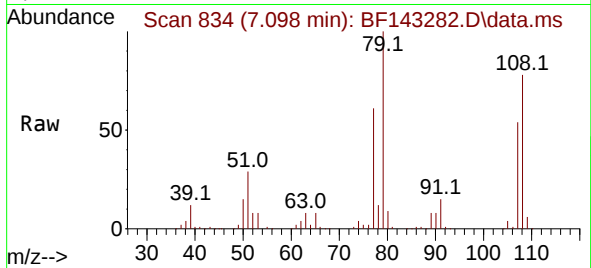


#15
Benzyl Alcohol
Concen: 43.714 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion: 79 Resp: 284799

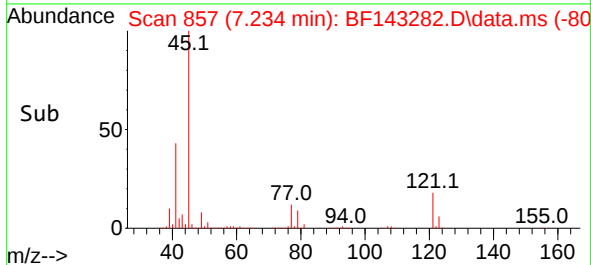
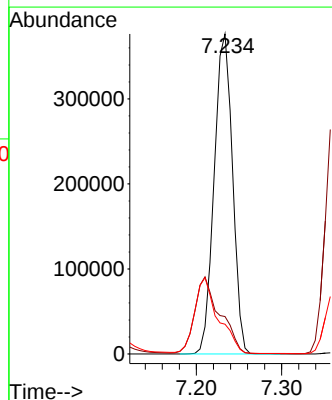
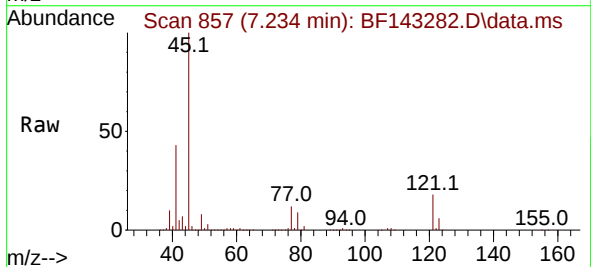
Ion	Ratio	Lower	Upper
79	100		
108	77.6	61.1	91.7
77	61.1	48.9	73.3

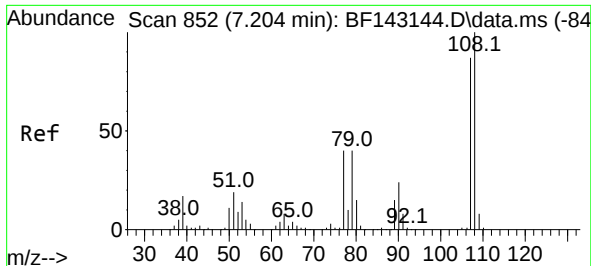


#16
2,2'-oxybis(1-chloropropane)
Concen: 42.590 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 45 Resp: 562292

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.2
79	9.3	0.0	28.5

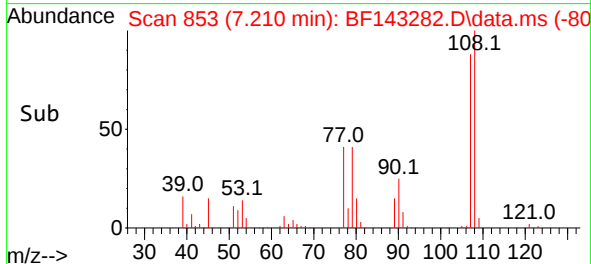
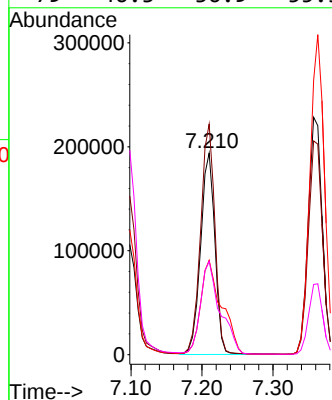
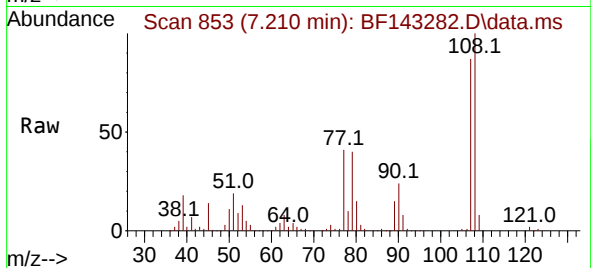




#17
2-Methylphenol
Concen: 45.634 ng
RT: 7.210 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

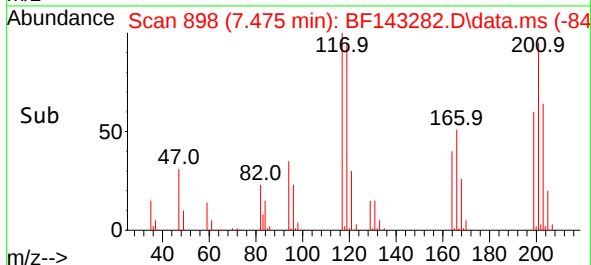
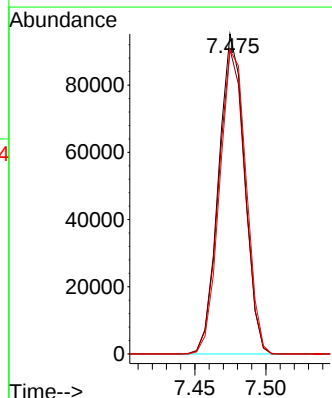
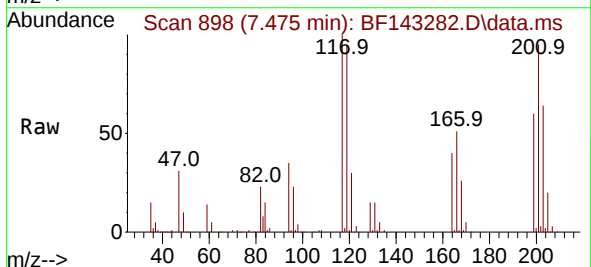
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:	107	Resp:	272647
Ion	Ratio	Lower	Upper
107	100		
108	114.4	91.8	137.6
77	46.8	37.0	55.6
79	46.3	36.9	55.3



#18
Hexachloroethane
Concen: 44.839 ng
RT: 7.475 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:	117	Resp:	120665
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.8	116.8
201	95.0	77.0	115.4



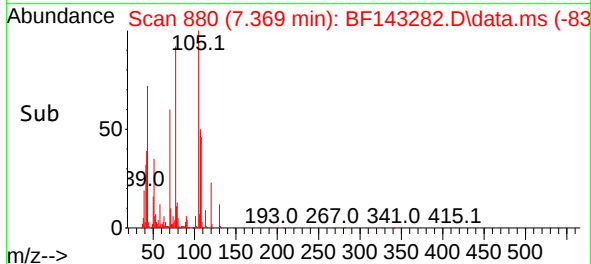
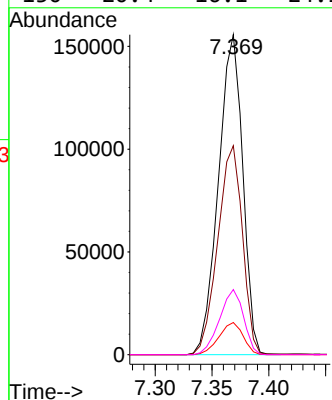
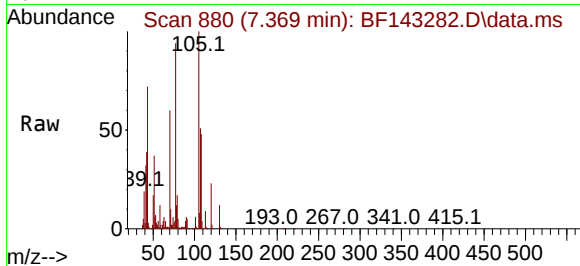


#19
n-Nitroso-di-n-propylamine
Concen: 42.391 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion: 70 Resp: 232055

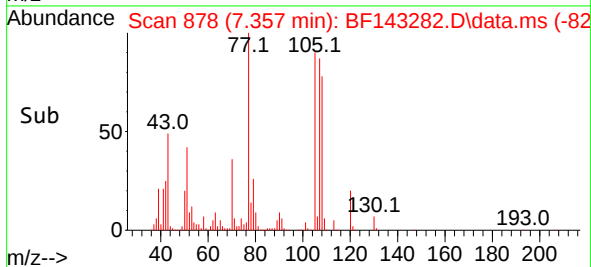
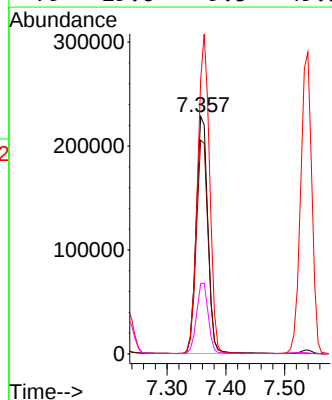
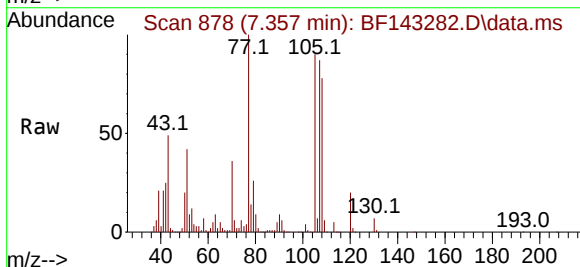
Ion	Ratio	Lower	Upper
70	100		
42	65.3	52.5	78.7
101	10.1	7.6	11.4
130	20.4	16.1	24.1



#20
3+4-Methylphenols
Concen: 43.279 ng
RT: 7.357 min Scan# 878
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 107 Resp: 313721

Ion	Ratio	Lower	Upper
107	100		
108	90.0	70.0	110.0
77	115.5	57.8	97.8
79	29.6	9.5	49.5

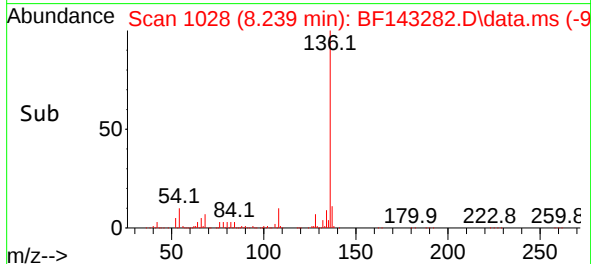
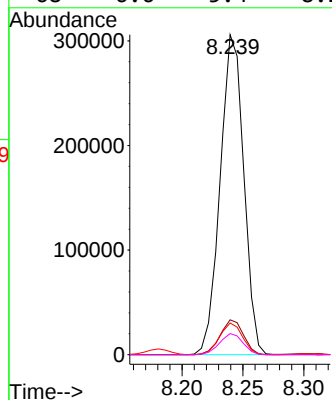
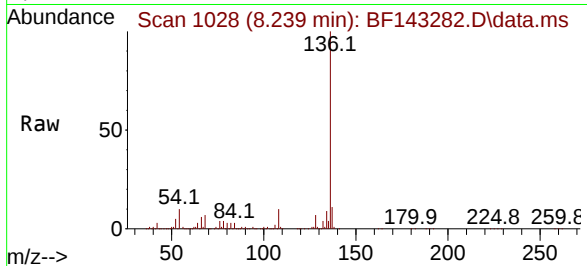




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

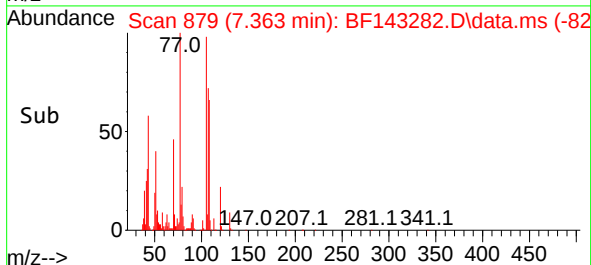
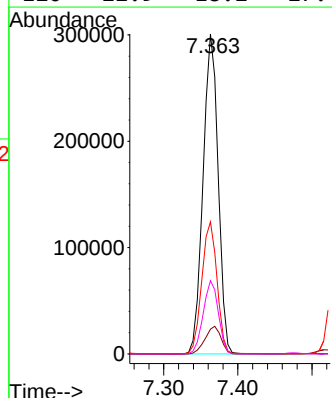
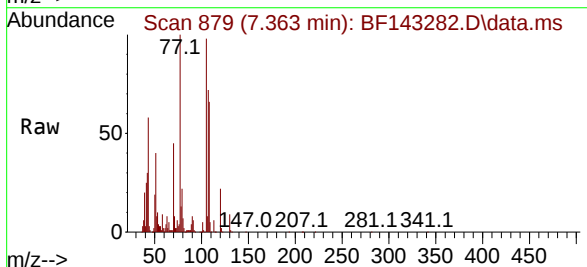
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt	Ion:136	Resp:	412890
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.2	12.2
68	6.6	5.4	8.2



#22
Acetophenone
Concen: 43.528 ng
RT: 7.363 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt	Ion:105	Resp:	425493
Ion	Ratio	Lower	Upper
105	100		
71	7.8	5.8	8.6
51	41.3	30.2	45.2
120	22.9	18.2	27.4





#23

Nitrobenzene-d5

Concen: 84.928 ng

RT: 7.516 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

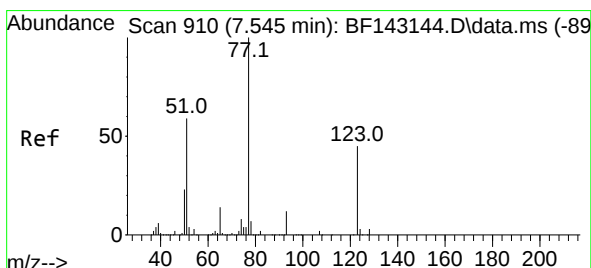
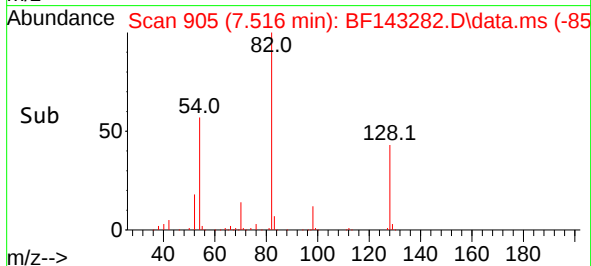
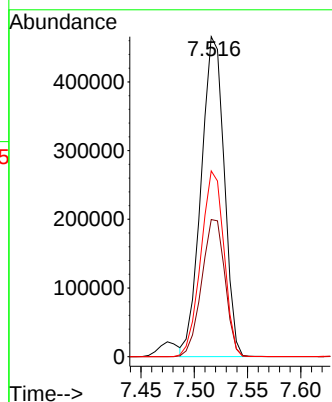
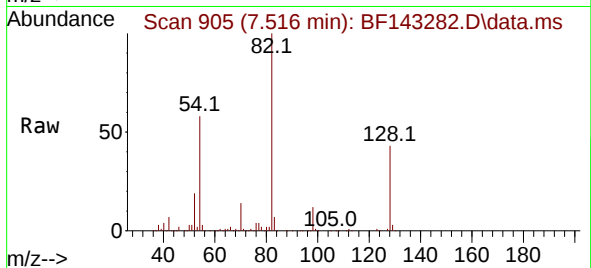
Tgt Ion: 82 Resp: 703470

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 58.1 47.1 70.7



#24

Nitrobenzene

Concen: 49.381 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

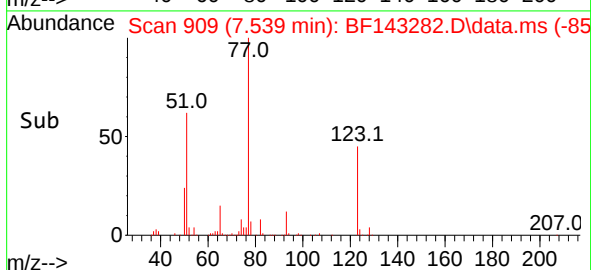
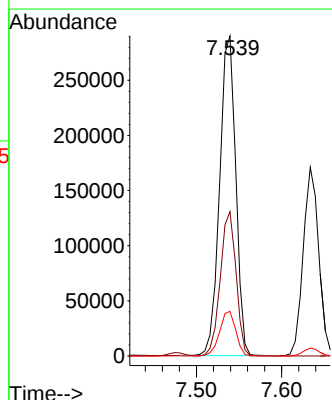
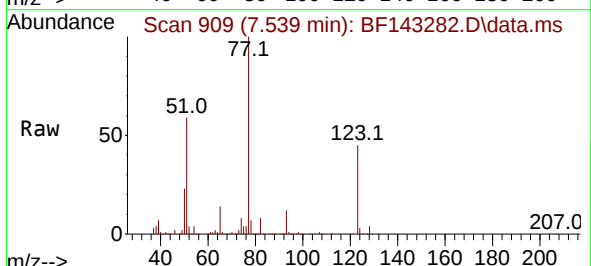
Tgt Ion: 77 Resp: 381344

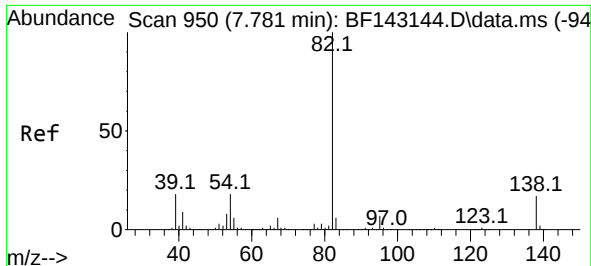
Ion Ratio Lower Upper

77 100

123 45.1 36.1 54.1

65 13.9 11.4 17.2

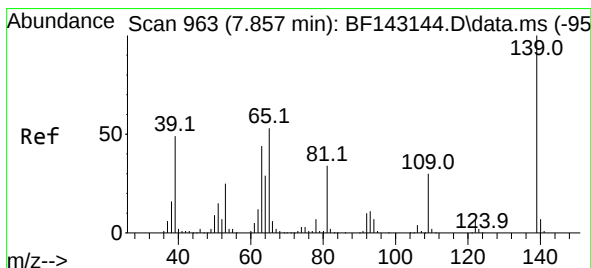
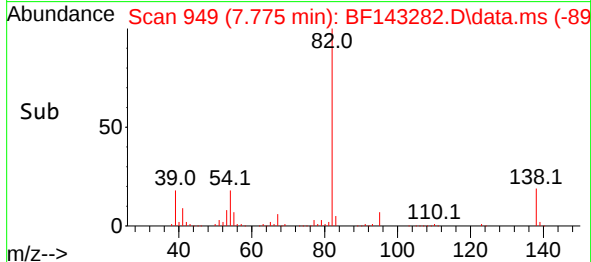
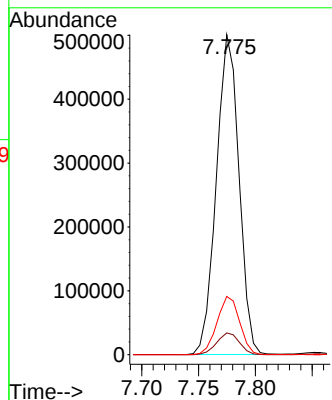
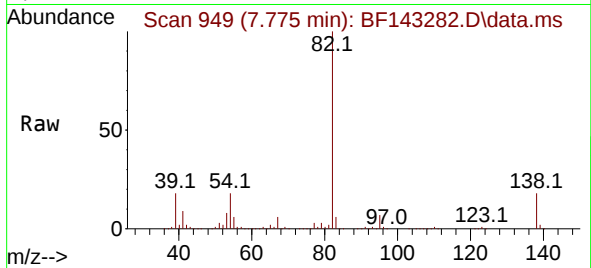




#25
Isophorone
Concen: 47.490 ng
RT: 7.775 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

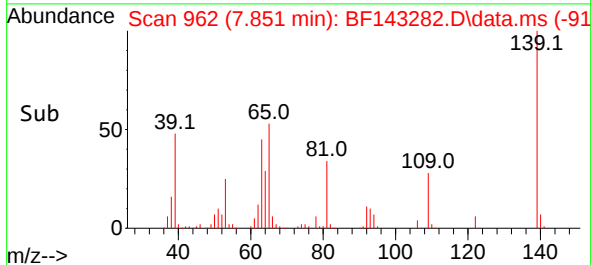
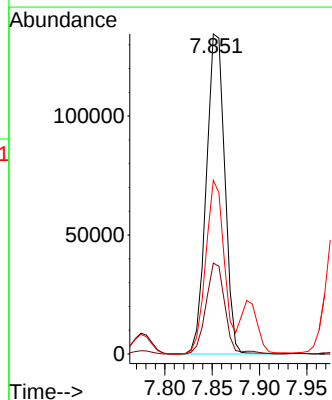
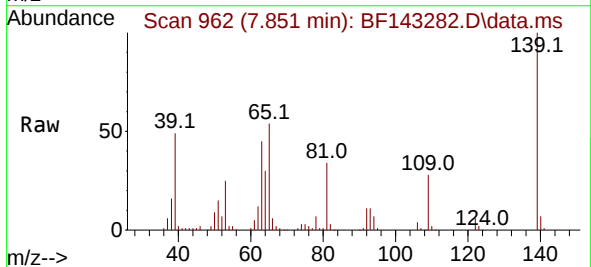
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion: 82 Resp: 694419
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 54.256 ng
RT: 7.851 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 139 Resp: 181842
Ion Ratio Lower Upper
139 100
109 28.4 23.6 35.4
65 54.3 42.6 64.0

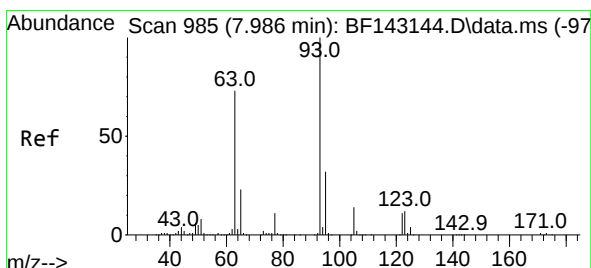
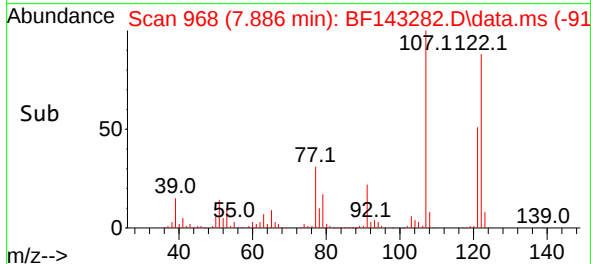
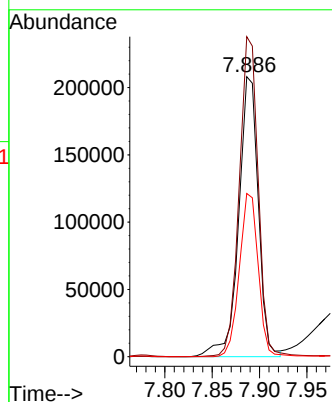
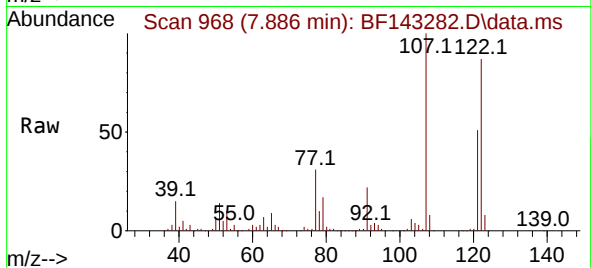




#27
2,4-Dimethylphenol
Concen: 43.810 ng
RT: 7.886 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

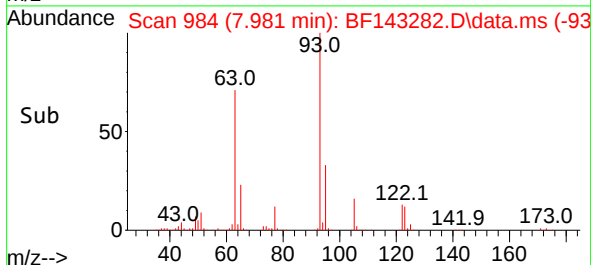
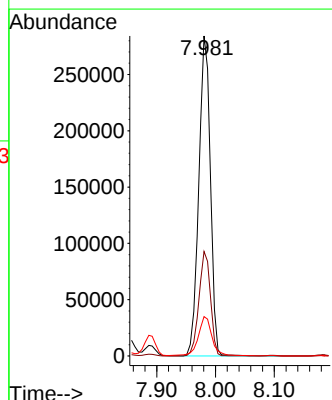
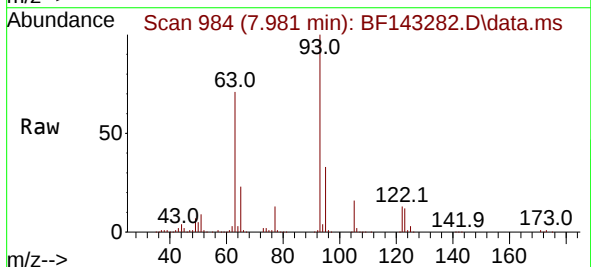
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:122 Resp: 299296
Ion Ratio Lower Upper
122 100
107 114.3 91.8 137.6
121 58.3 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 44.219 ng
RT: 7.981 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 93 Resp: 387678
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.6
123 12.3 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 44.691 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

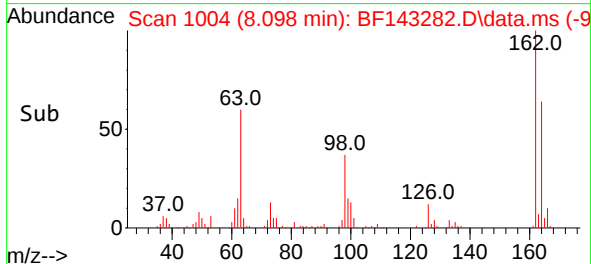
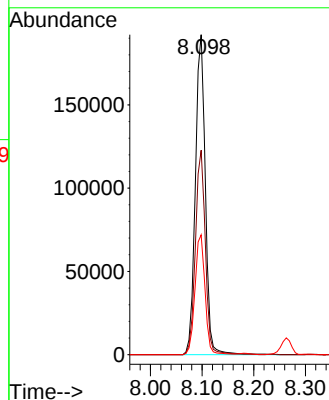
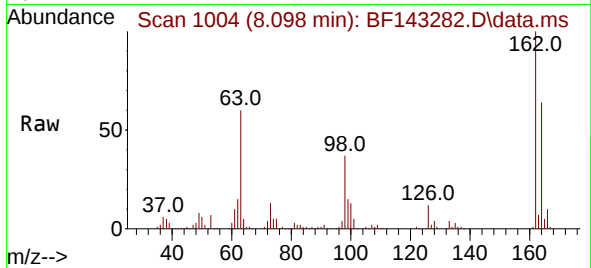
Tgt Ion:162 Resp: 257480

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 37.4 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 43.856 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

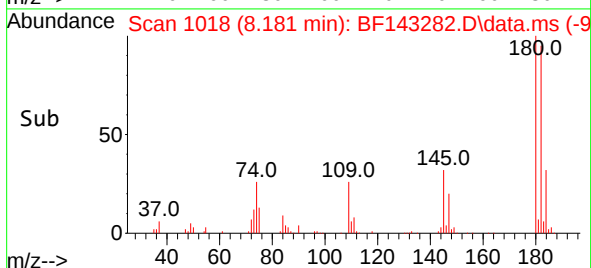
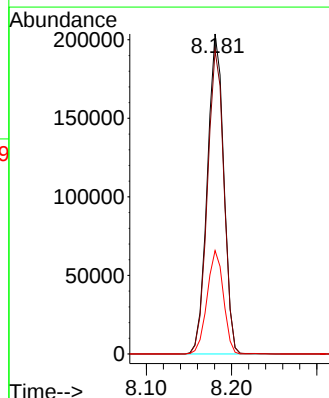
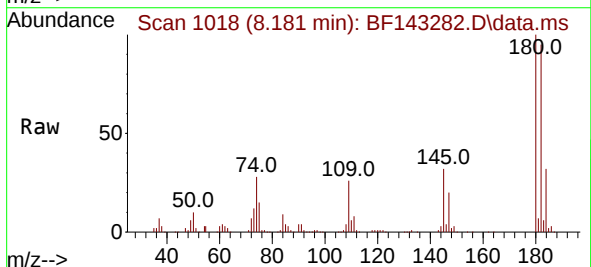
Tgt Ion:180 Resp: 272976

Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

145 32.3 25.0 37.6

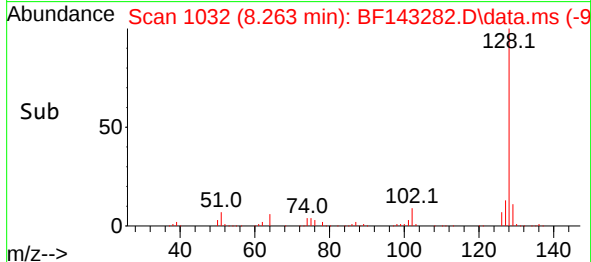
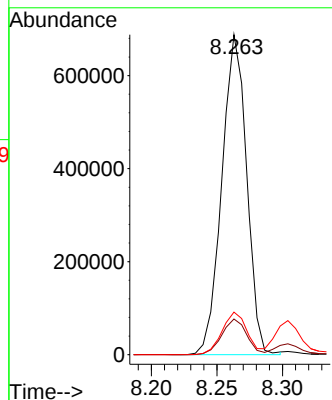
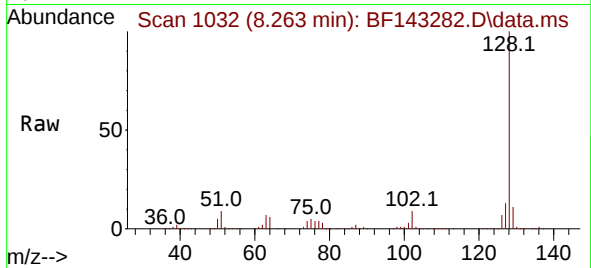




#31
Naphthalene
Concen: 44.564 ng
RT: 8.263 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

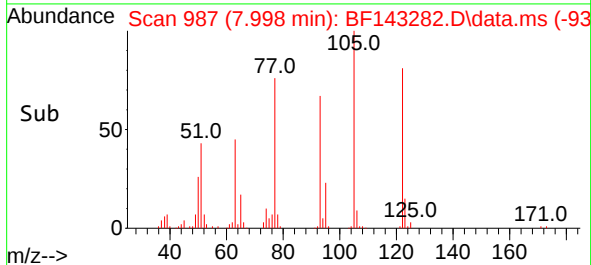
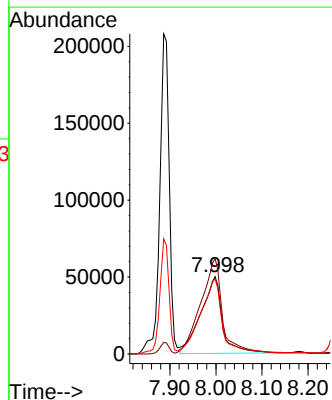
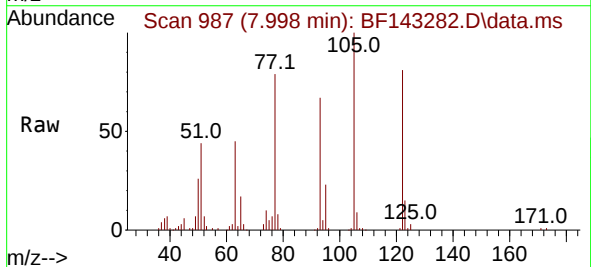
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:128 Resp: 906176
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 42.771 ng
RT: 7.998 min Scan# 987
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:122 Resp: 162165
Ion Ratio Lower Upper
122 100
105 123.7 104.8 144.8
77 97.2 77.6 117.6

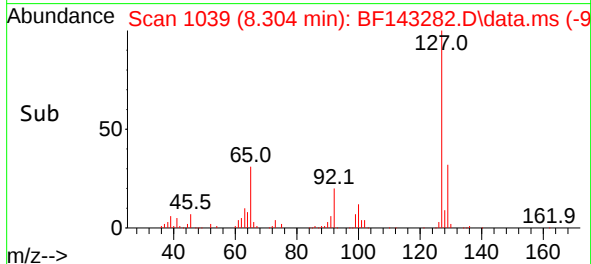
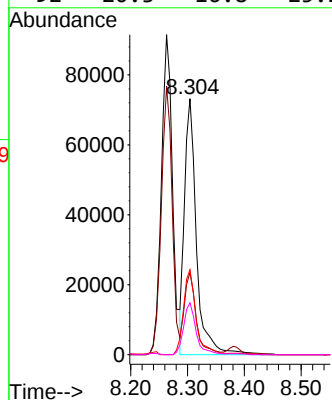
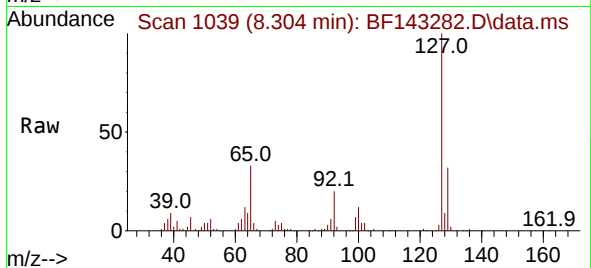




#33
4-Chloroaniline
Concen: 12.923 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

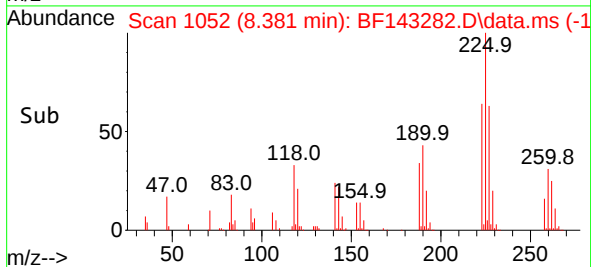
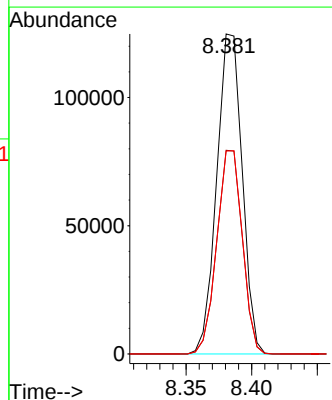
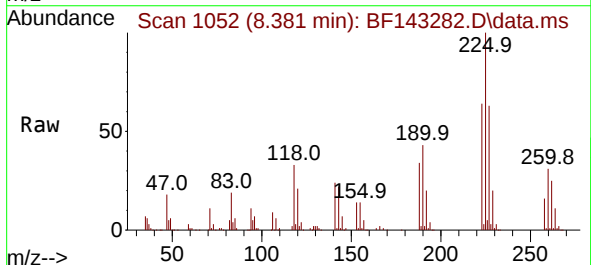
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

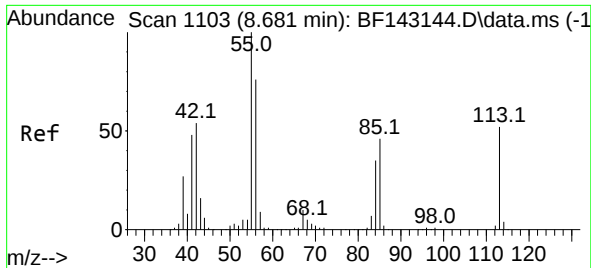
Tgt Ion:	127	Resp:	107302
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.0	39.0
65	33.2	27.4	41.2
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.350 ng
RT: 8.381 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:	225	Resp:	168633
Ion Ratio	Lower	Upper	
225	100		
223	63.6	49.8	74.6
227	63.4	50.2	75.4

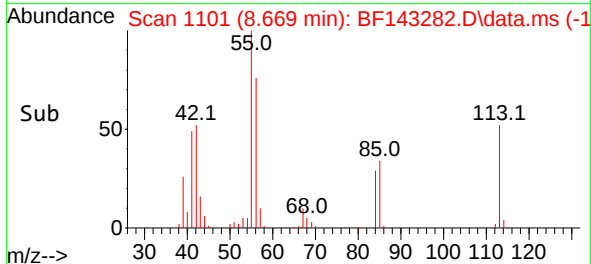
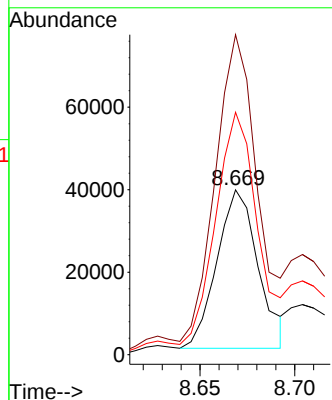
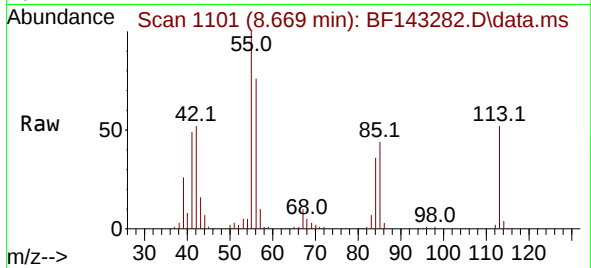




#35
 Caprolactam
 Concen: 33.414 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

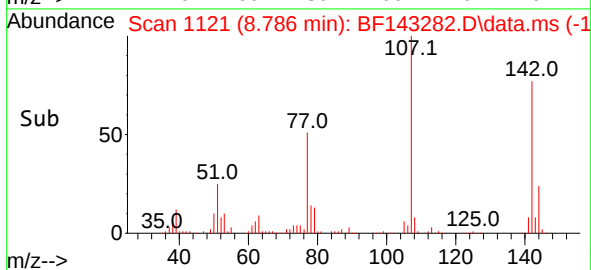
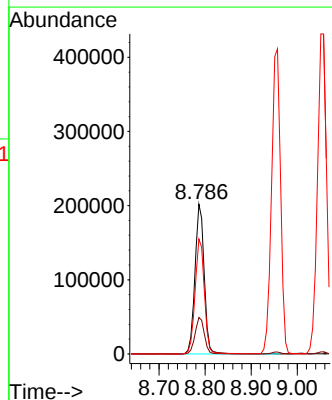
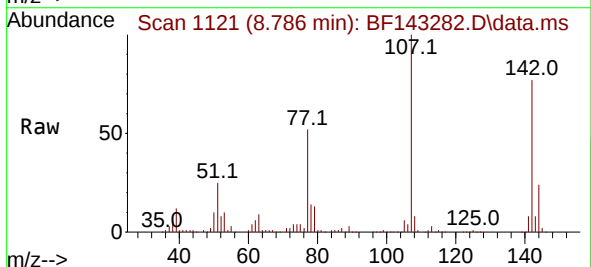
Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Tgt Ion:113 Resp: 58174
 Ion Ratio Lower Upper
 113 100
 55 194.1 174.0 214.0
 56 147.0 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 44.852 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion:107 Resp: 280867
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.8 29.6
 142 76.7 60.6 90.8

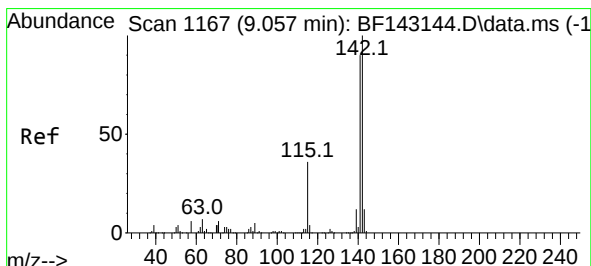
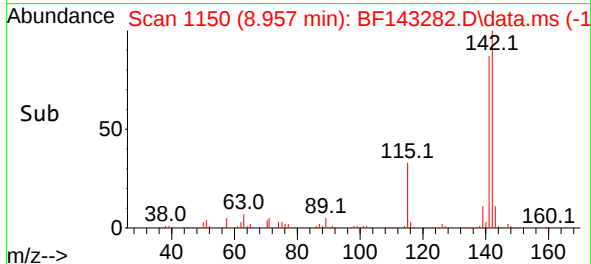
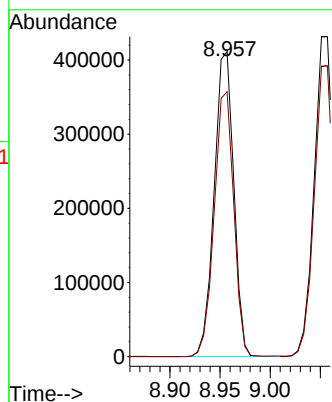
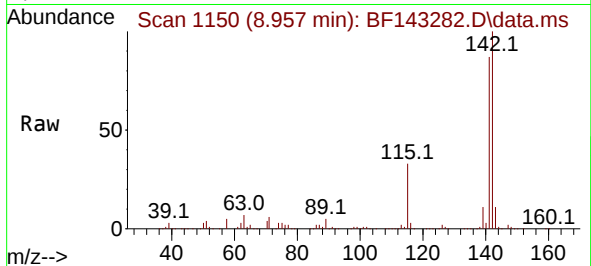




#37
2-Methylnaphthalene
Concen: 44.990 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

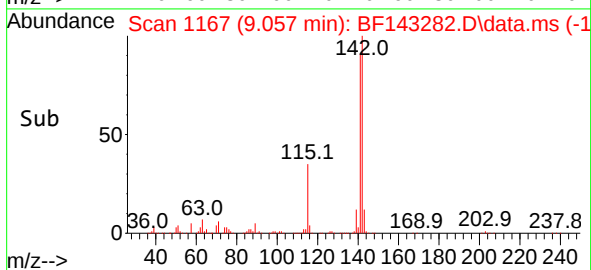
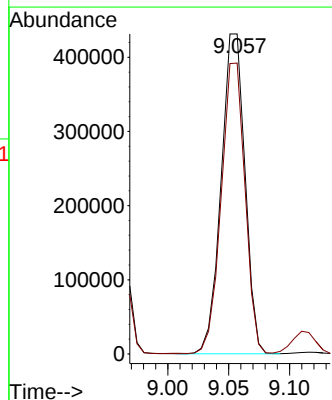
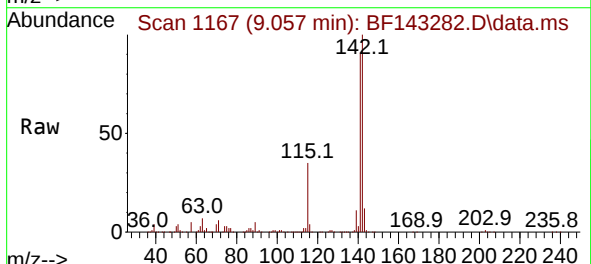
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:142 Resp: 556698
Ion Ratio Lower Upper
142 100
141 86.9 69.9 104.9



#38
1-Methylnaphthalene
Concen: 46.070 ng
RT: 9.057 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:142 Resp: 587013
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5

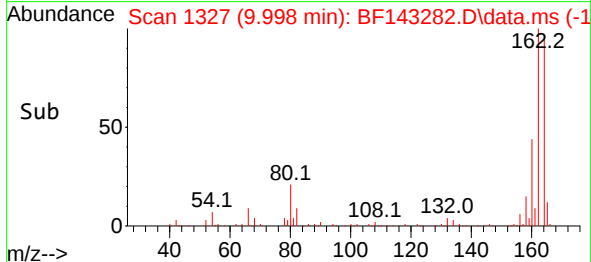
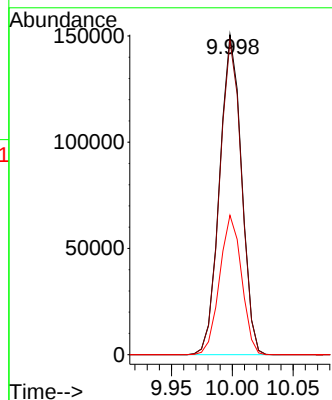
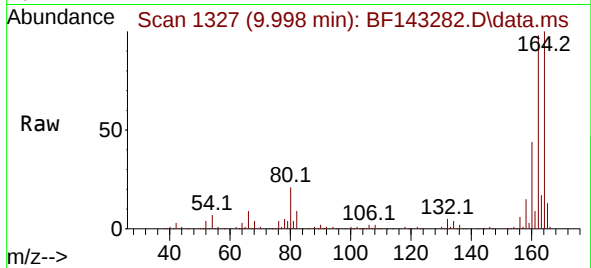




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

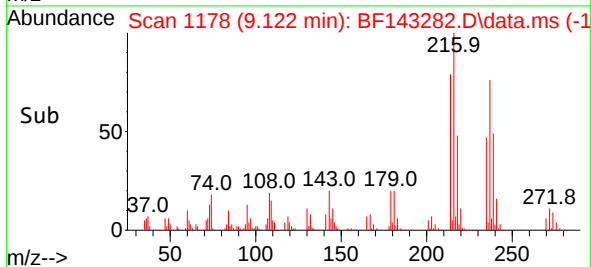
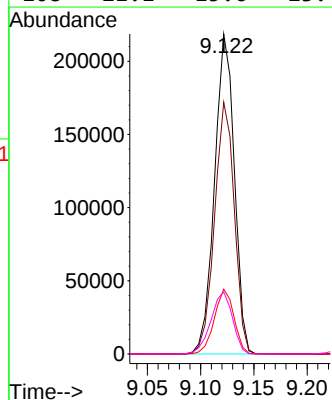
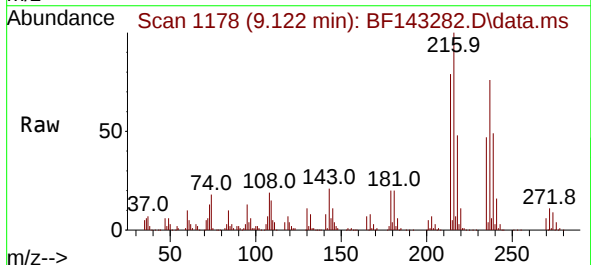
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:164 Resp: 188744
Ion Ratio Lower Upper
164 100
162 98.2 79.0 118.6
160 43.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.883 ng
RT: 9.122 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:216 Resp: 282723
Ion Ratio Lower Upper
216 100
214 78.5 63.8 95.8
179 20.0 16.4 24.6
108 21.1 15.6 23.4

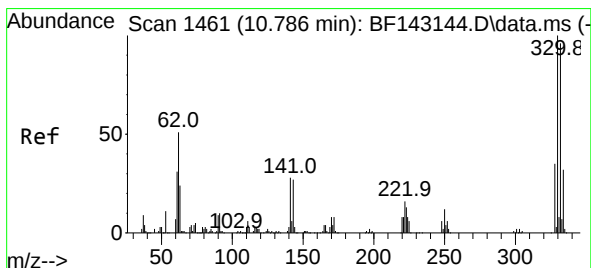
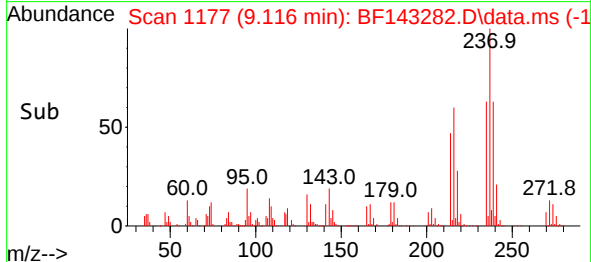
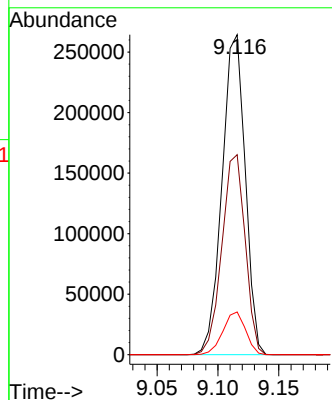
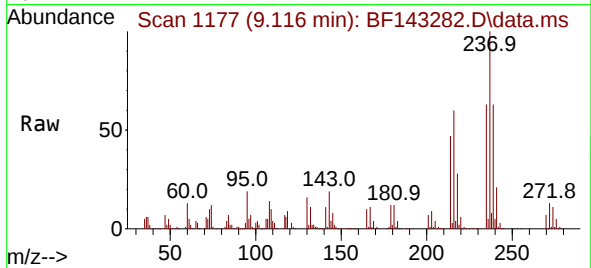




#41
Hexachlorocyclopentadiene
Concen: 98.869 ng
RT: 9.116 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

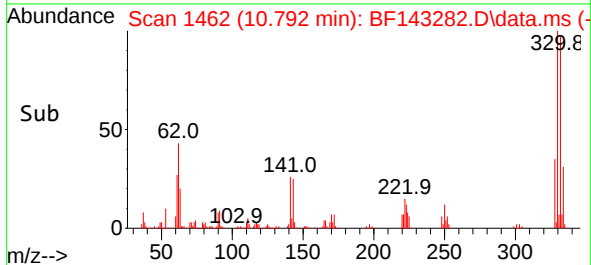
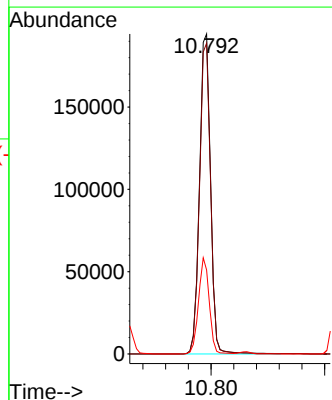
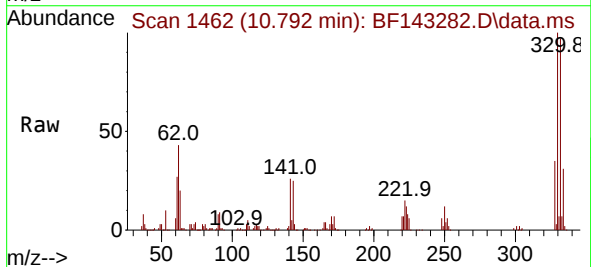
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:237 Resp: 350557
Ion Ratio Lower Upper
237 100
235 62.5 43.0 83.0
272 13.4 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 134.874 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:330 Resp: 262982
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 29.2 23.3 34.9

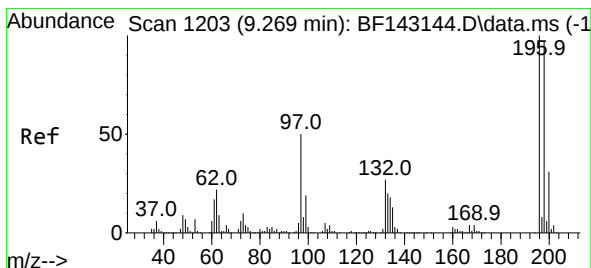
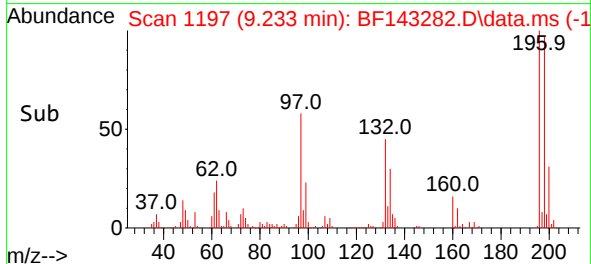
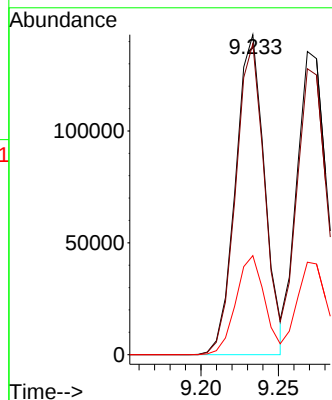
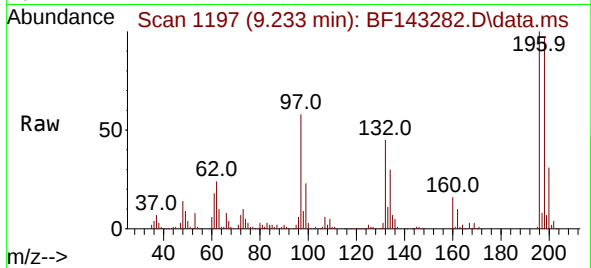




#43
2,4,6-Trichlorophenol
Concen: 49.396 ng
RT: 9.233 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

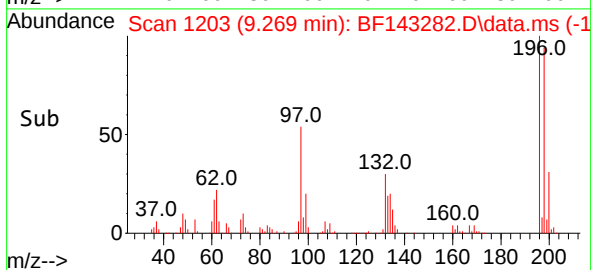
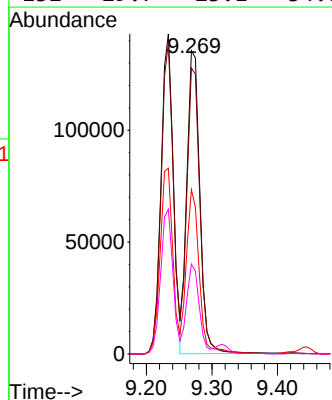
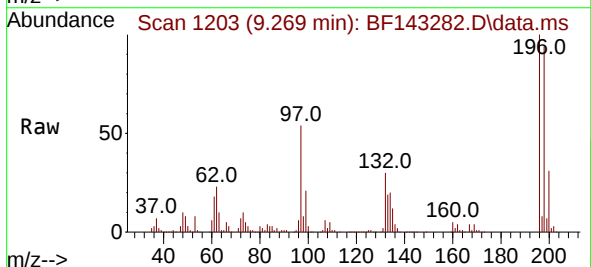
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

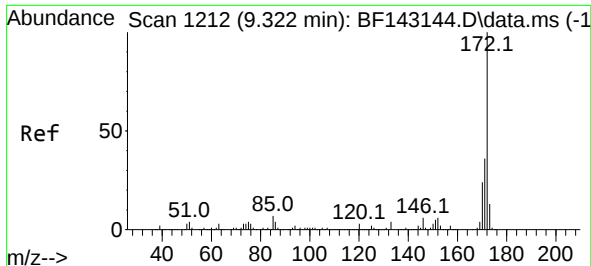
Tgt Ion:196 Resp: 186291
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.2
200 31.0 23.9 35.9



#44
2,4,5-Trichlorophenol
Concen: 49.134 ng
RT: 9.269 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:196 Resp: 185358
Ion Ratio Lower Upper
196 100
198 94.3 77.3 115.9
97 54.2 40.3 60.5
132 29.7 23.1 34.7





#45

2-Fluorobiphenyl

Concen: 81.840 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

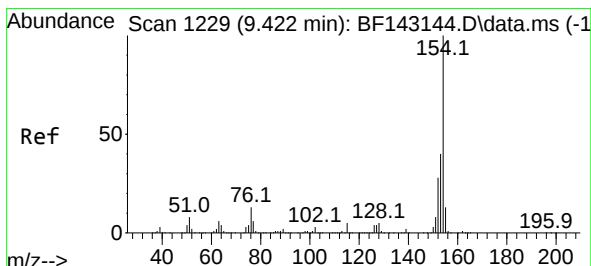
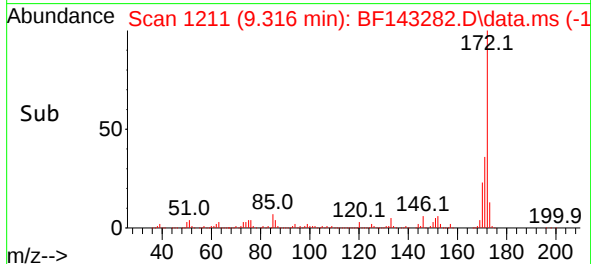
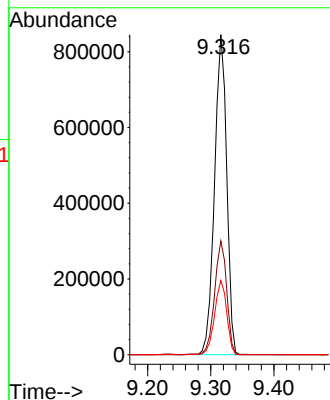
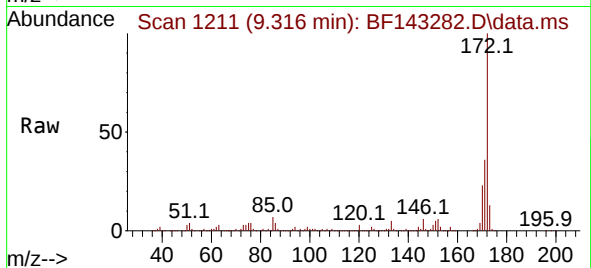
Tgt Ion:172 Resp: 1129466

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.2 18.8 28.2



#46

1,1'-Biphenyl

Concen: 44.519 ng

RT: 9.416 min Scan# 1228

Delta R.T. -0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

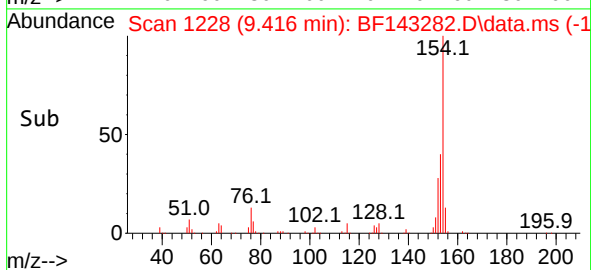
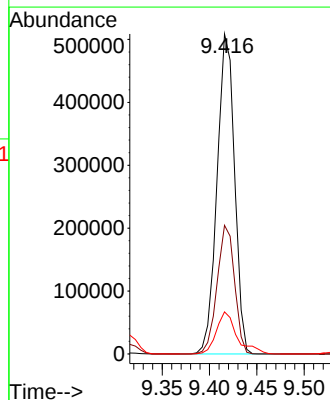
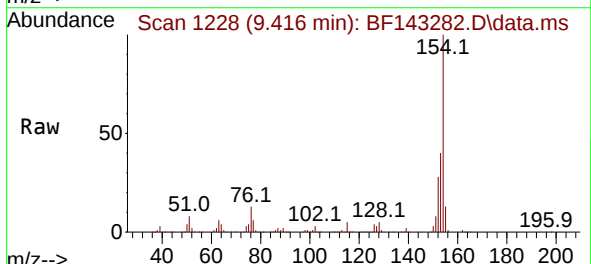
Tgt Ion:154 Resp: 655581

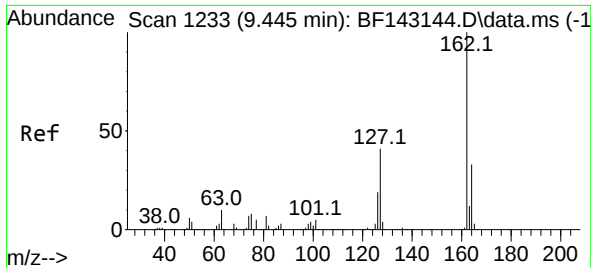
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.2 0.0 33.3

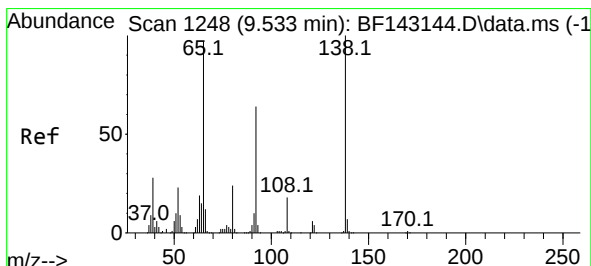
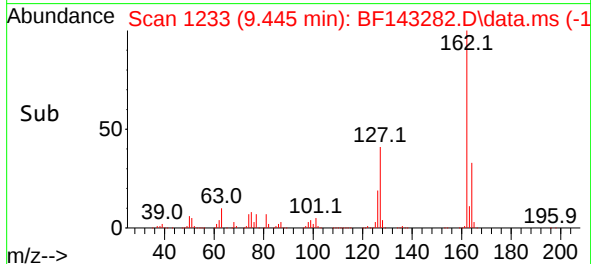
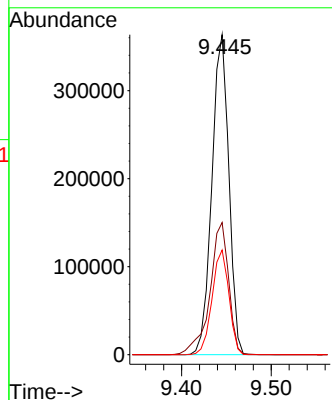
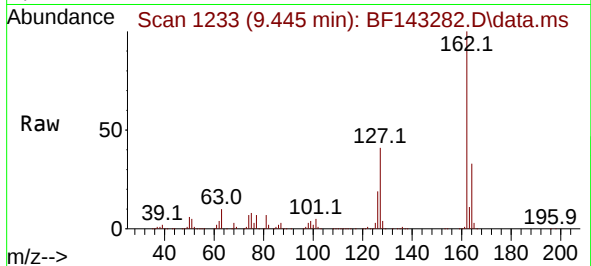




#47
2-Chloronaphthalene
Concen: 43.704 ng
RT: 9.445 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

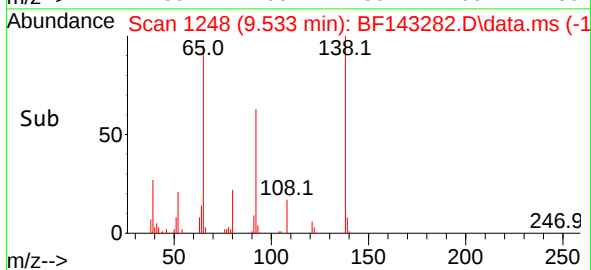
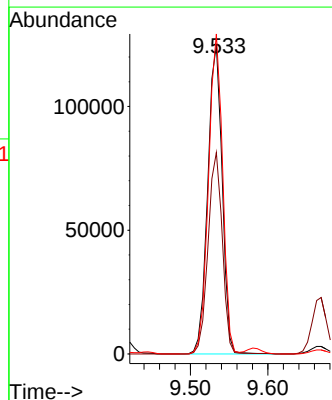
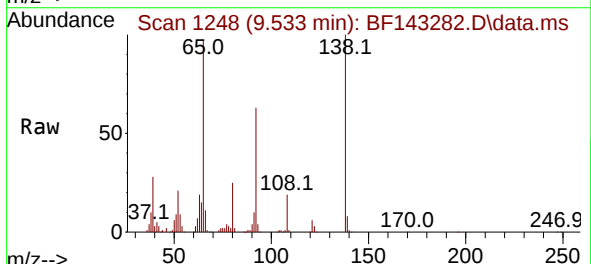
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

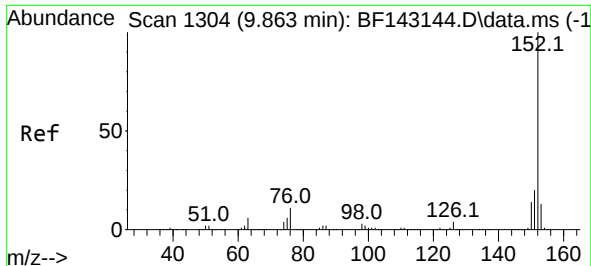
Tgt Ion:162 Resp: 476202
Ion Ratio Lower Upper
162 100
127 41.3 33.4 50.2
164 32.7 26.2 39.2



#48
2-Nitroaniline
Concen: 47.292 ng
RT: 9.533 min Scan# 1248
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion: 65 Resp: 161594
Ion Ratio Lower Upper
65 100
92 65.1 52.4 78.6
138 103.5 82.3 123.5





#49

Acenaphthylene

Concen: 44.019 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

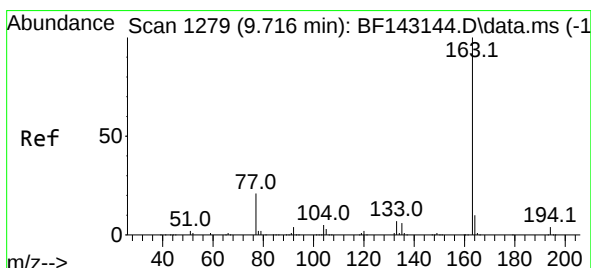
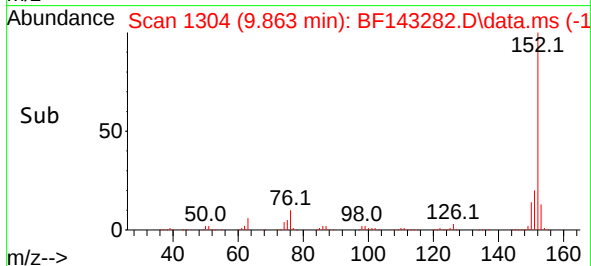
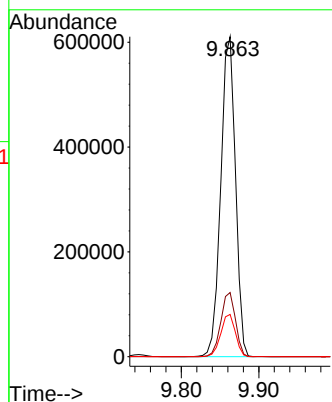
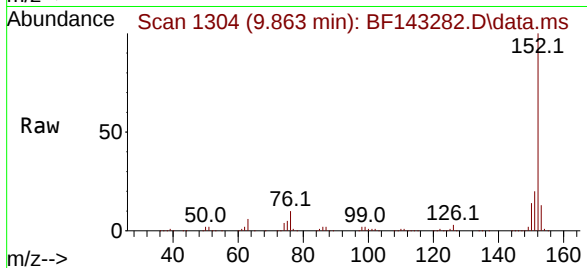
Tgt Ion:152 Resp: 803796

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.2 10.6 16.0



#50

Dimethylphthalate

Concen: 45.837 ng

RT: 9.716 min Scan# 1279

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

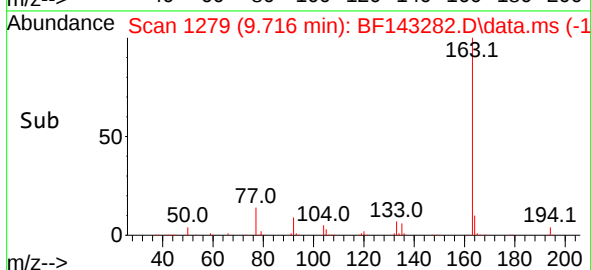
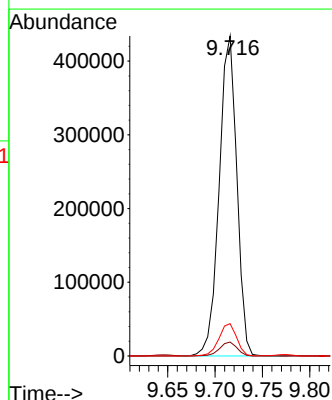
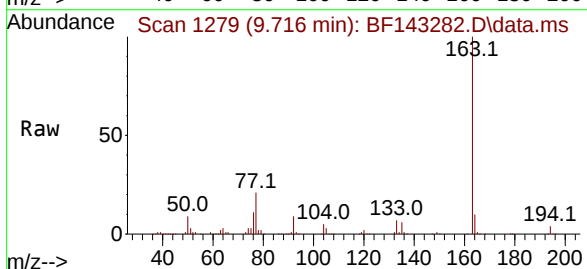
Tgt Ion:163 Resp: 563927

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 49.215 ng

RT: 9.775 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

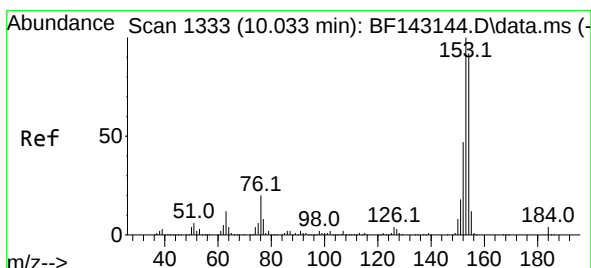
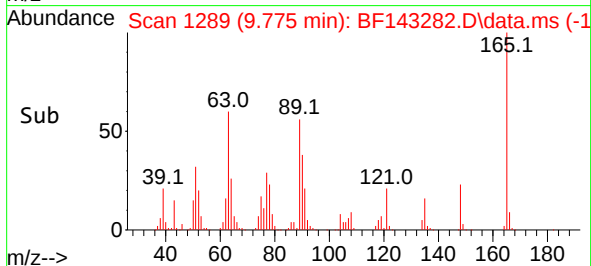
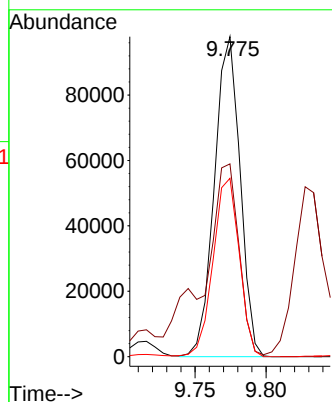
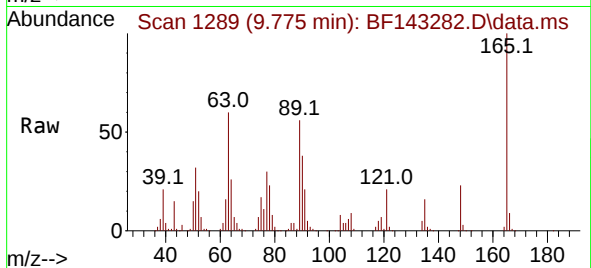
Tgt Ion:165 Resp: 123173

Ion Ratio Lower Upper

165 100

63 60.3 49.4 74.2

89 55.7 46.2 69.2



#52

Acenaphthene

Concen: 47.913 ng

RT: 10.033 min Scan# 1333

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

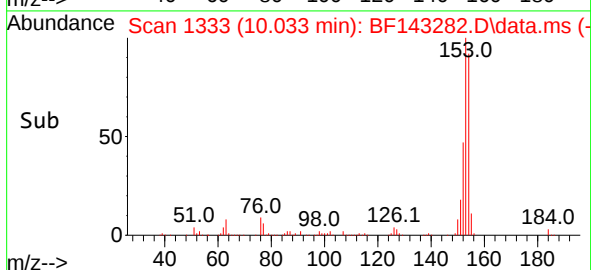
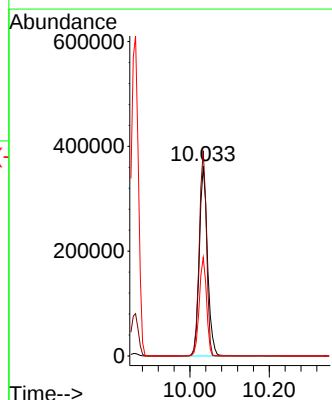
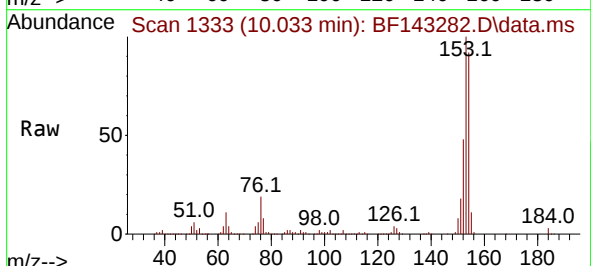
Tgt Ion:154 Resp: 517096

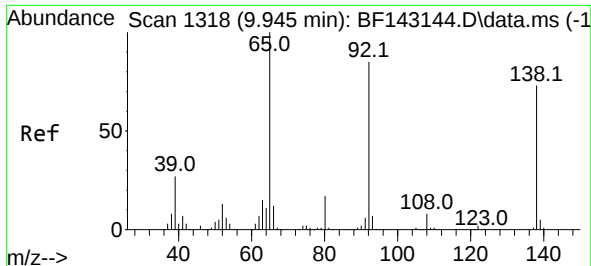
Ion Ratio Lower Upper

154 100

153 108.2 86.6 129.8

152 51.9 40.4 60.6

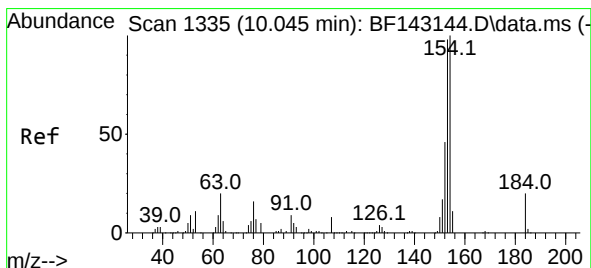
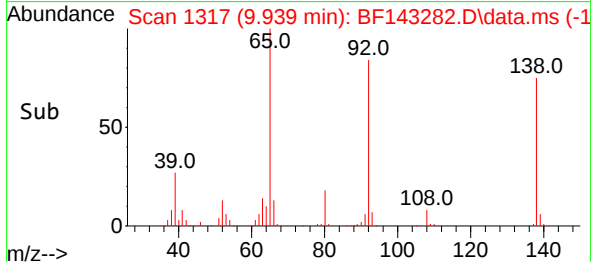
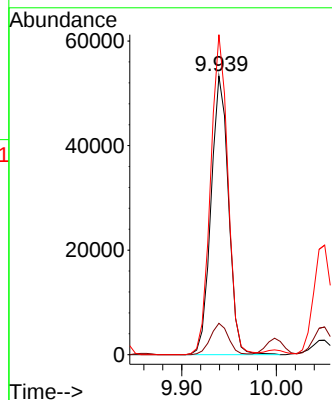
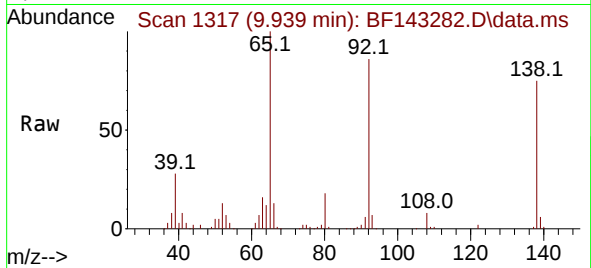




#53
3-Nitroaniline
Concen: 23.307 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

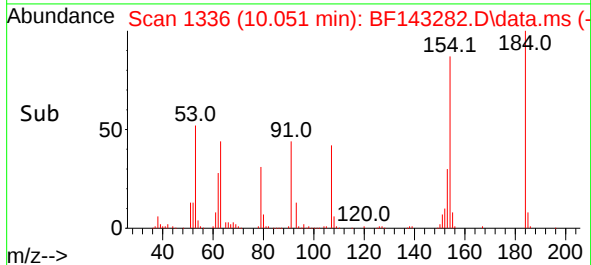
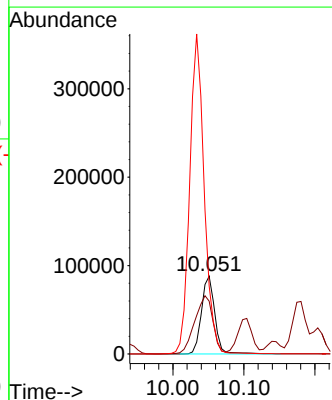
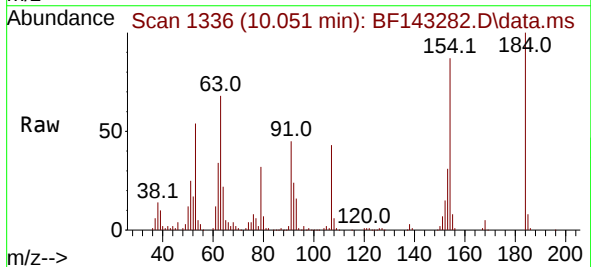
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

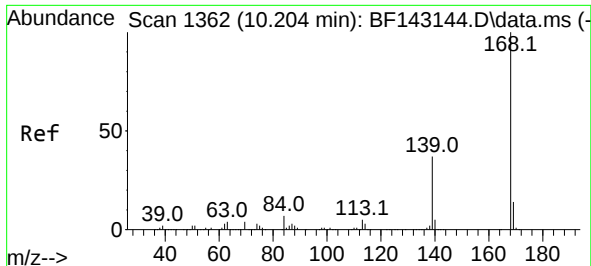
Tgt Ion:138 Resp: 68230
Ion Ratio Lower Upper
138 100
108 11.3 9.0 13.6
92 114.9 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 99.715 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:184 Resp: 115140
Ion Ratio Lower Upper
184 100
63 67.8 81.8 122.6#
154 87.3 412.2 618.4#

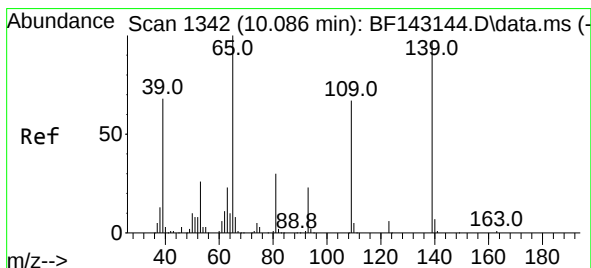
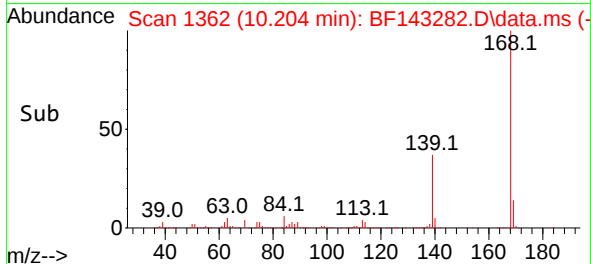
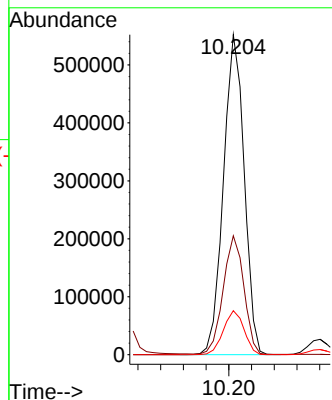
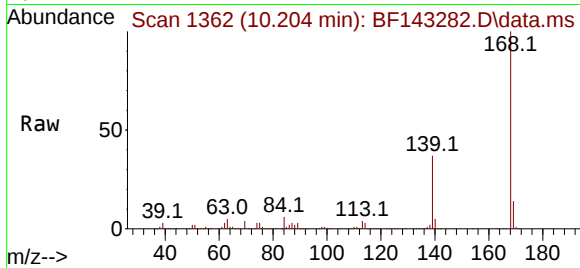




#55
Dibenzofuran
Concen: 43.728 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

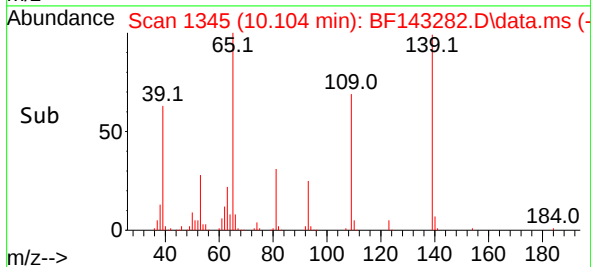
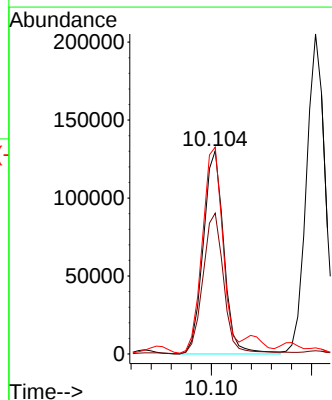
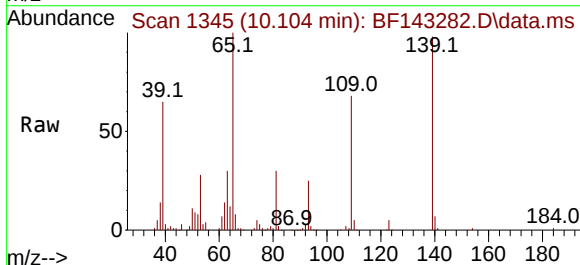
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

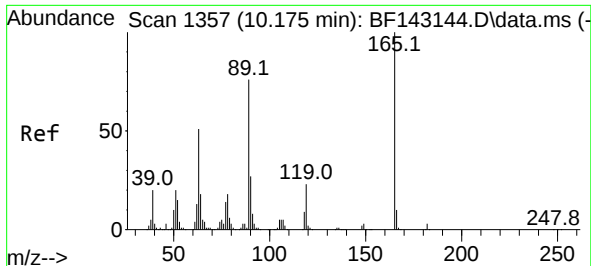
Tgt Ion:168 Resp: 700681
Ion Ratio Lower Upper
168 100
139 37.2 29.5 44.3
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 85.238 ng
RT: 10.104 min Scan# 1345
Delta R.T. 0.018 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:139 Resp: 186331
Ion Ratio Lower Upper
139 100
109 69.3 48.5 88.5
65 101.8 83.4 123.4

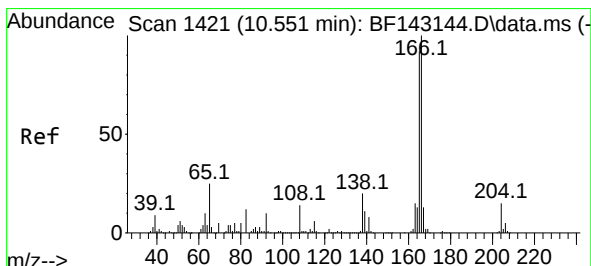
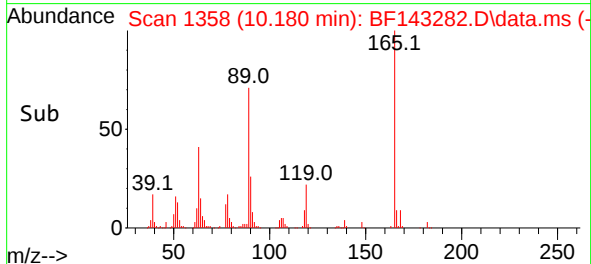
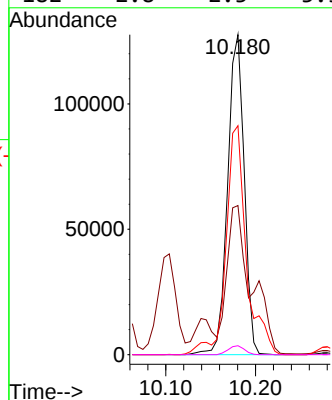
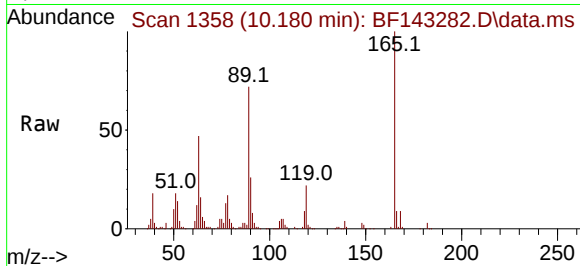




#57
2,4-Dinitrotoluene
Concen: 52.095 ng
RT: 10.180 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

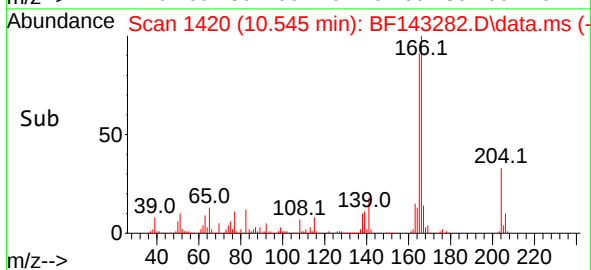
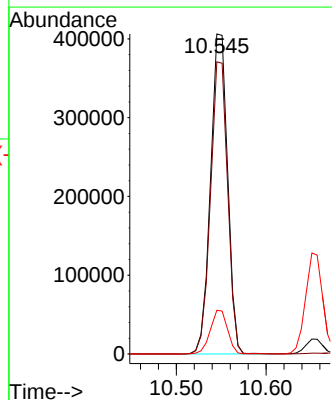
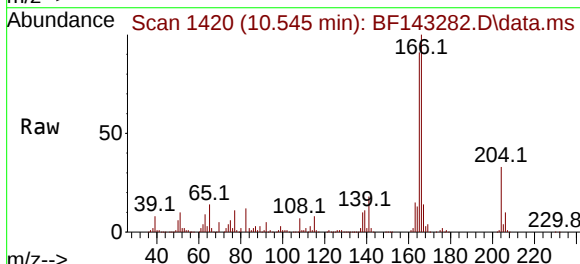
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:	165	Resp:	163576
Ion Ratio	Lower	Upper	
165	100		
63	46.6	41.0	61.4
89	71.6	61.1	91.7
182	2.8	2.3	3.5



#58
Fluorene
Concen: 44.699 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

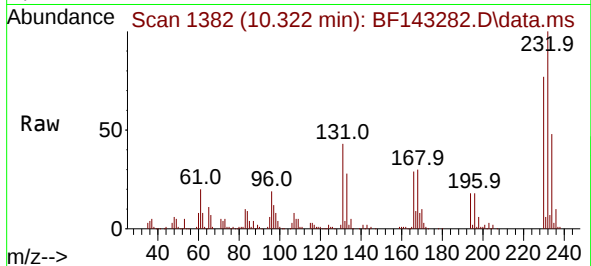
Tgt Ion:	166	Resp:	537544
Ion Ratio	Lower	Upper	
166	100		
165	91.3	73.7	110.5
167	13.7	10.6	16.0



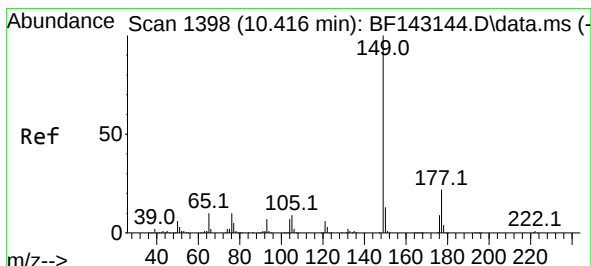
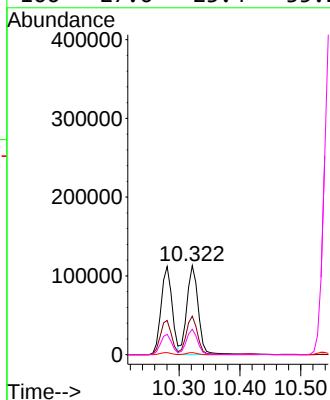
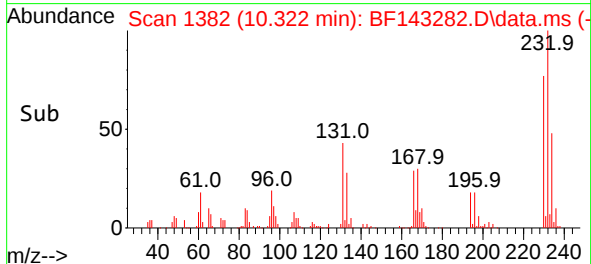


#59
2,3,4,6-Tetrachlorophenol
Concen: 47.250 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

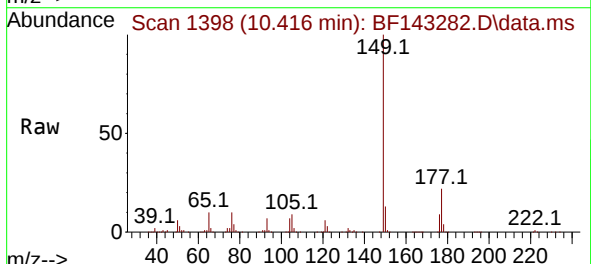
Instrument :
BNA_F
ClientSampleId :
PB169087BSD



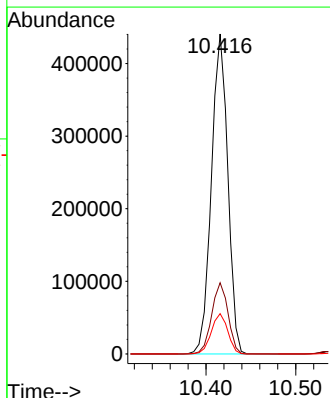
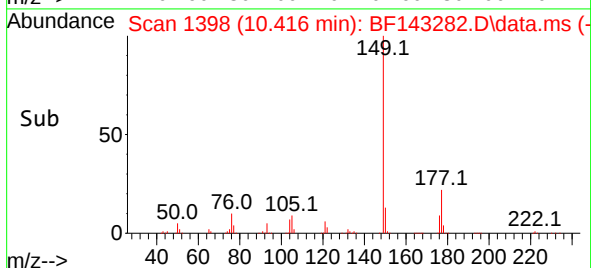
Tgt Ion:232 Resp: 147655
Ion Ratio Lower Upper
232 100
131 42.8 35.3 52.9
130 2.2 1.7 2.5
166 27.6 23.4 35.2

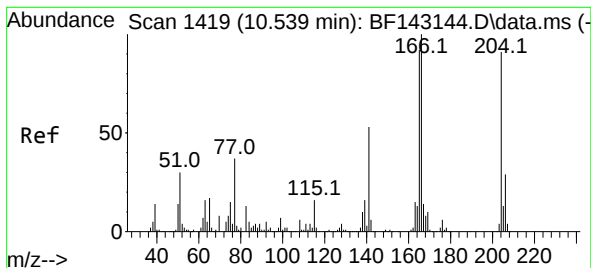


#60
Diethylphthalate
Concen: 45.961 ng
RT: 10.416 min Scan# 1398
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05



Tgt Ion:149 Resp: 558890
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 12.6 10.2 15.2

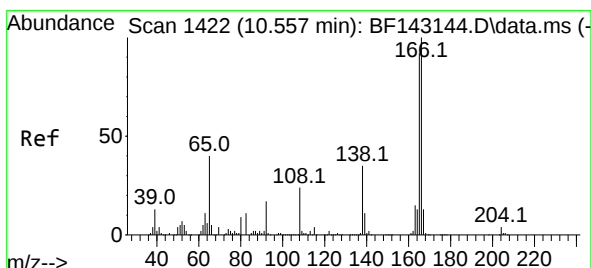
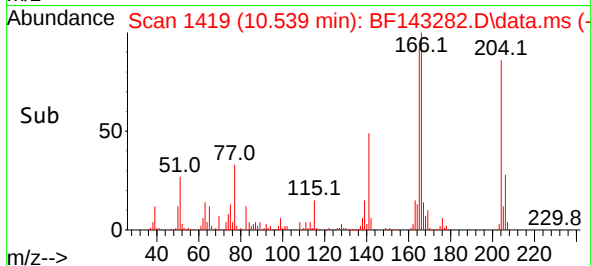
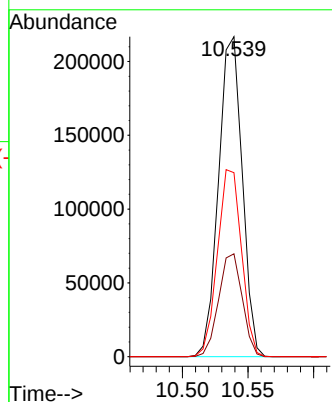
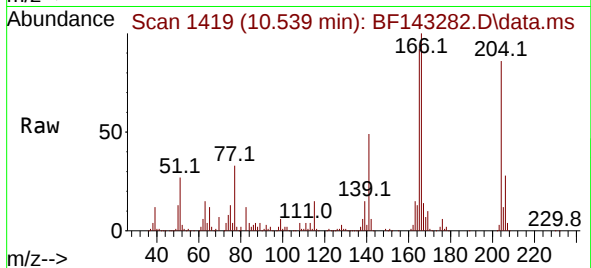




#61
4-Chlorophenyl-phenylether
Concen: 45.514 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

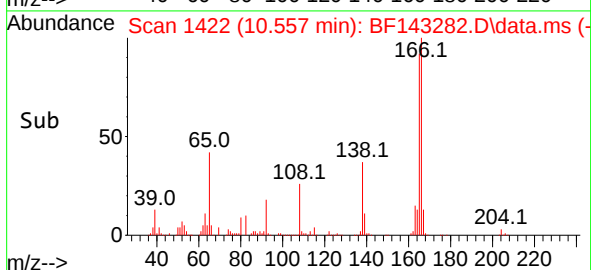
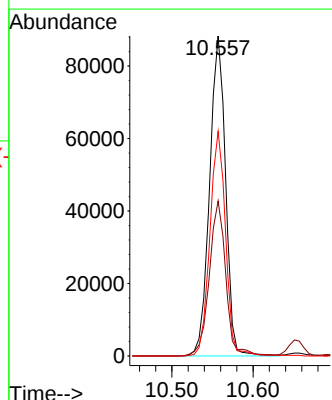
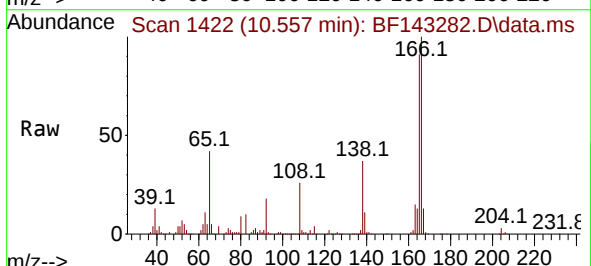
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

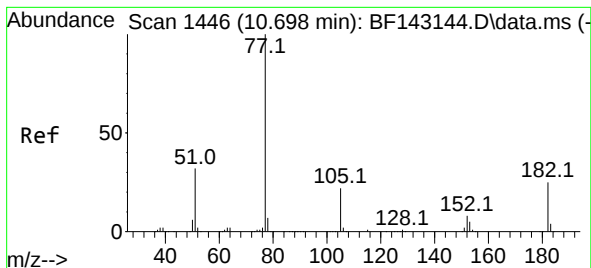
Tgt Ion:204 Resp: 272544
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 57.5 47.0 70.4



#62
4-Nitroaniline
Concen: 48.036 ng
RT: 10.557 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:138 Resp: 120518
Ion Ratio Lower Upper
138 100
92 48.4 29.3 69.3
108 70.2 48.3 88.3

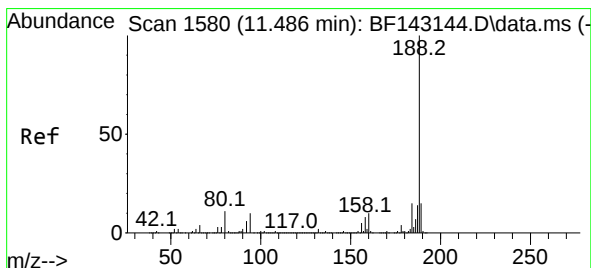
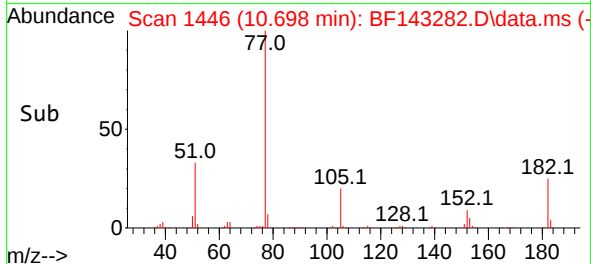
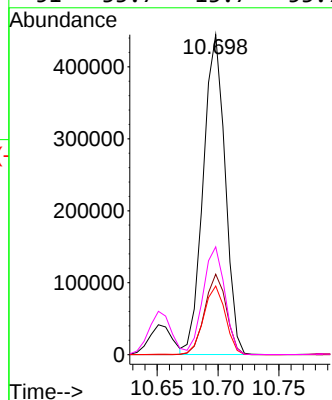
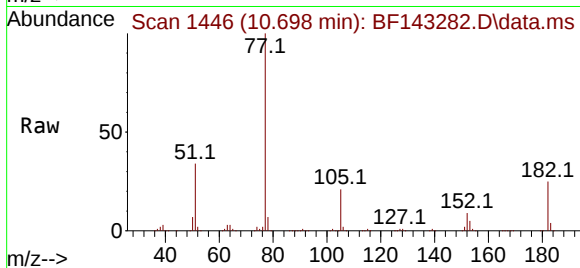




#63
Azobenzene
Concen: 43.722 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

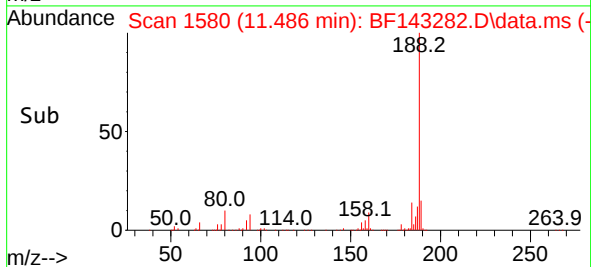
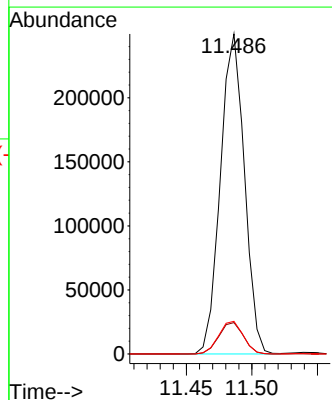
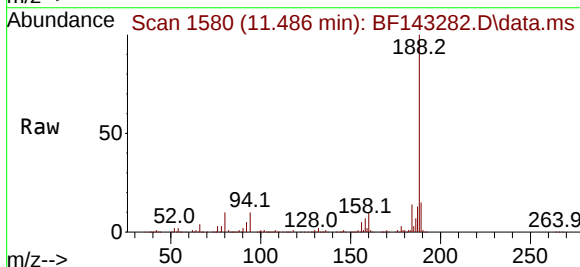
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

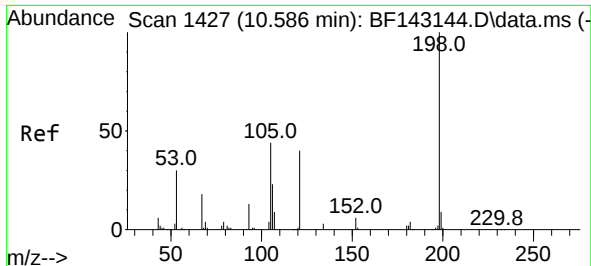
Tgt Ion: 77	Resp: 554123
Ion Ratio	Lower Upper
77 100	
182 25.2	4.6 44.6
105 21.4	1.4 41.4
51 33.7	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:188	Resp: 317992
Ion Ratio	Lower Upper
188 100	
94 9.8	8.3 12.5
80 10.2	9.0 13.6

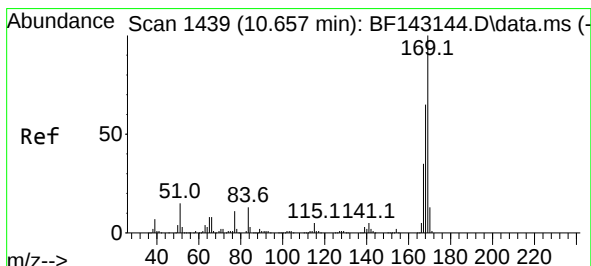
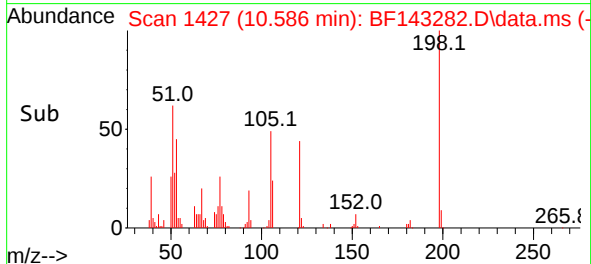
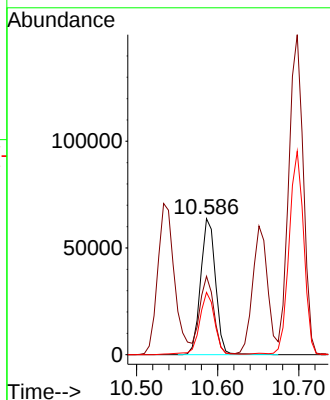
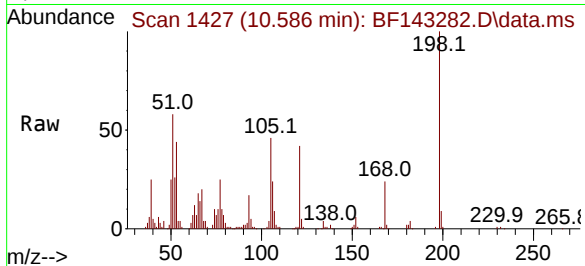




#65
4,6-Dinitro-2-methylphenol
Concen: 48.624 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

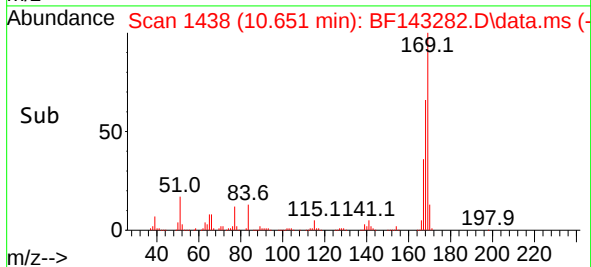
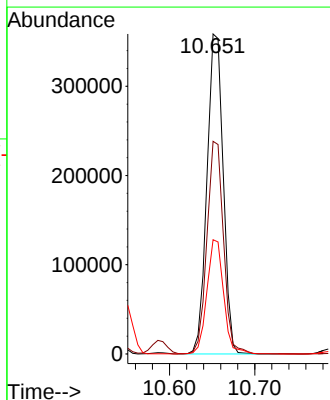
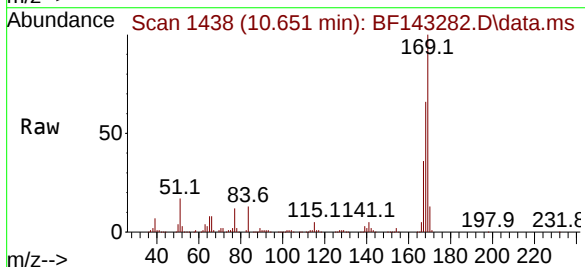
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:198 Resp: 81188
Ion Ratio Lower Upper
198 100
51 57.6 37.2 77.2
105 45.7 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 42.392 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:169 Resp: 474686
Ion Ratio Lower Upper
169 100
168 66.5 52.1 78.1
167 35.7 28.2 42.2

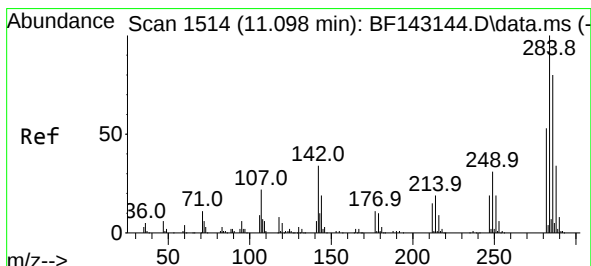
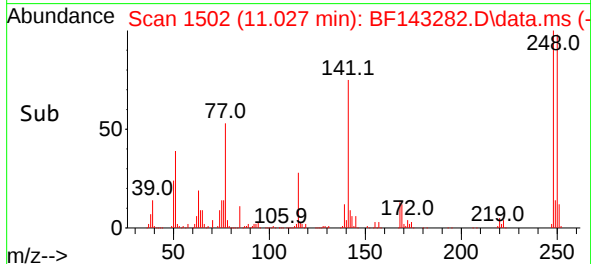
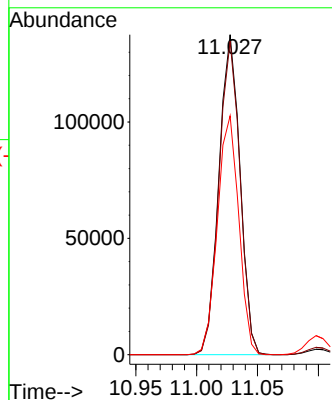
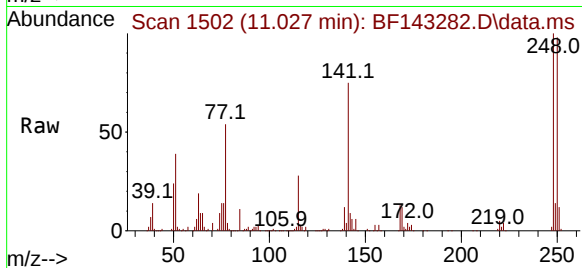




#67
4-Bromophenyl-phenylether
Concen: 43.922 ng
RT: 11.027 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

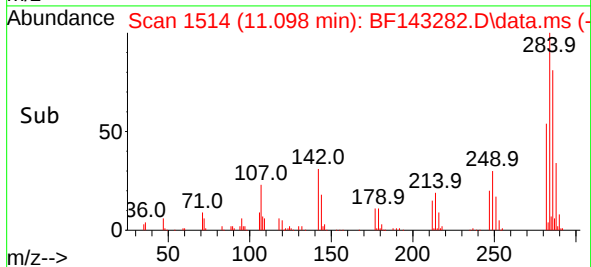
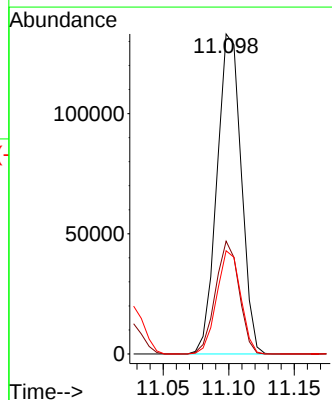
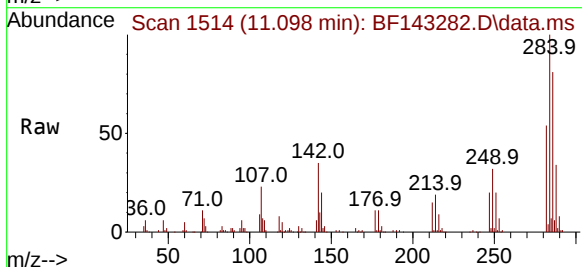
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:248 Resp: 166447
Ion Ratio Lower Upper
248 100
250 98.0 78.3 117.5
141 74.7 59.2 88.8



#68
Hexachlorobenzene
Concen: 43.244 ng
RT: 11.098 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:284 Resp: 171289
Ion Ratio Lower Upper
284 100
142 35.2 27.0 40.6
249 32.2 25.0 37.6





#69

Atrazine

Concen: 49.162 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

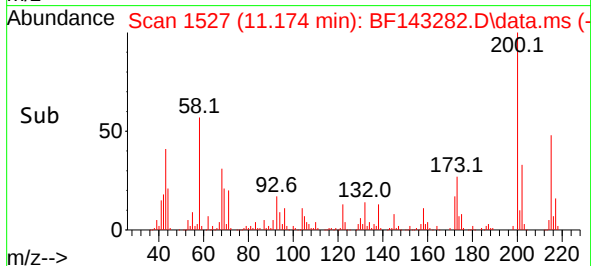
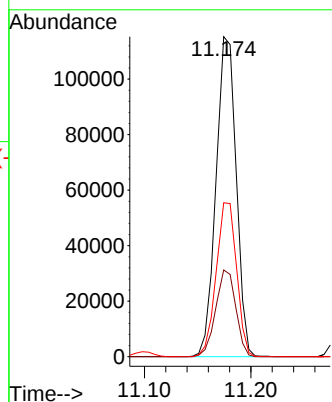
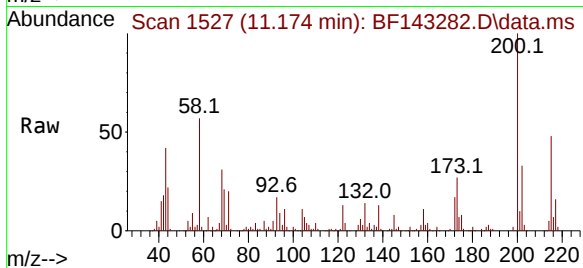
Tgt Ion:200 Resp: 151766

Ion Ratio Lower Upper

200 100

173 27.1 7.9 47.9

215 48.1 30.1 70.1



#70

Pentachlorophenol

Concen: 83.669 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

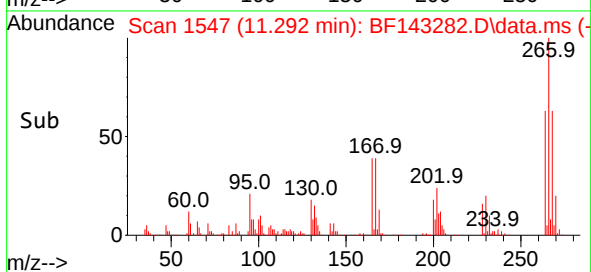
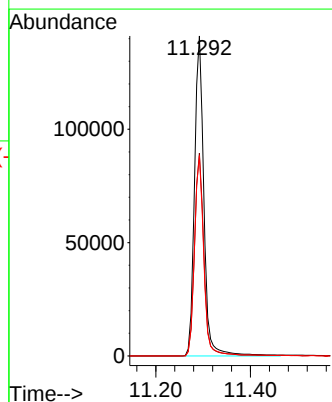
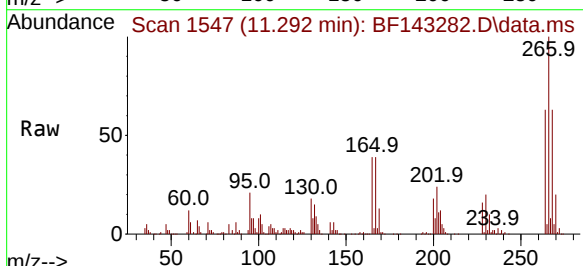
Tgt Ion:266 Resp: 194896

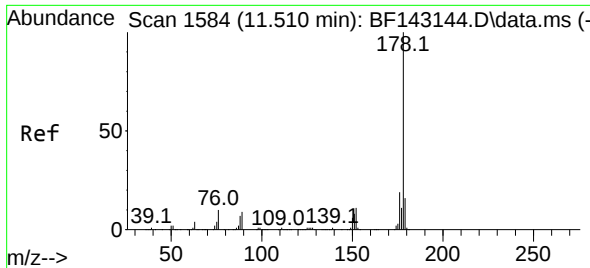
Ion Ratio Lower Upper

266 100

268 63.4 51.9 77.9

264 62.6 51.0 76.6

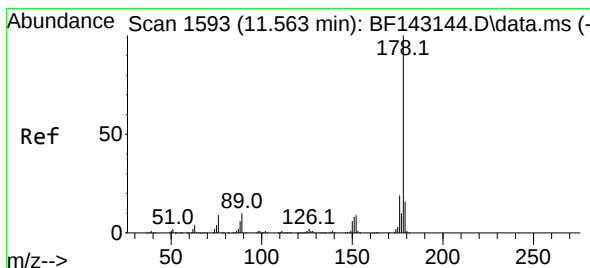
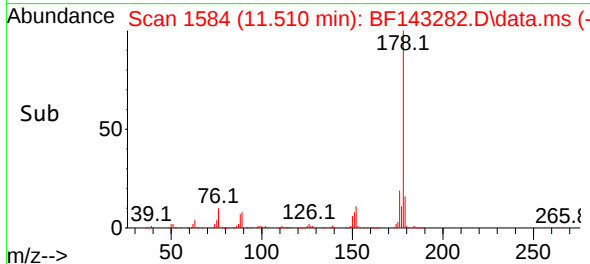
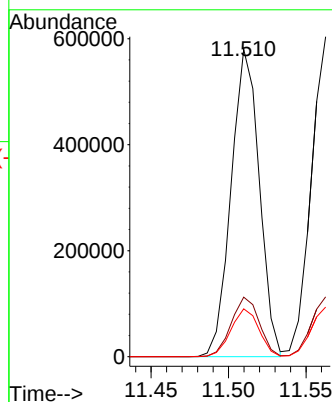
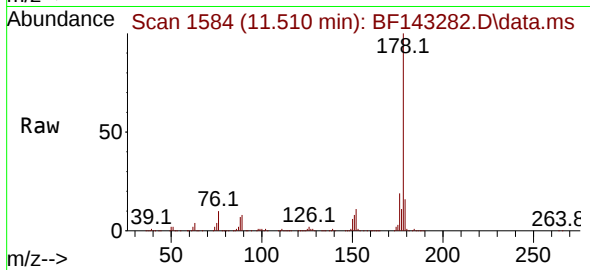




#71
Phenanthrene
Concen: 43.451 ng
RT: 11.510 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

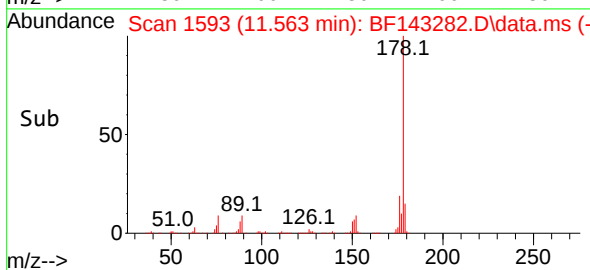
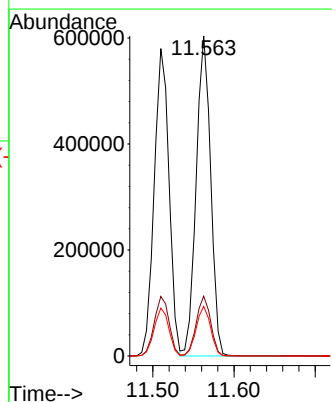
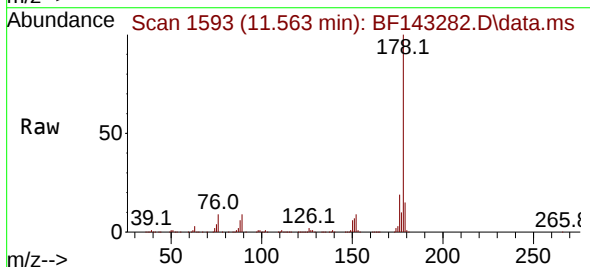
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

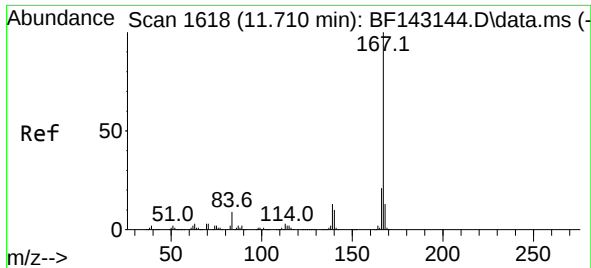
Tgt Ion:178 Resp: 733649
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 43.519 ng
RT: 11.563 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:178 Resp: 749411
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.5 12.5 18.7

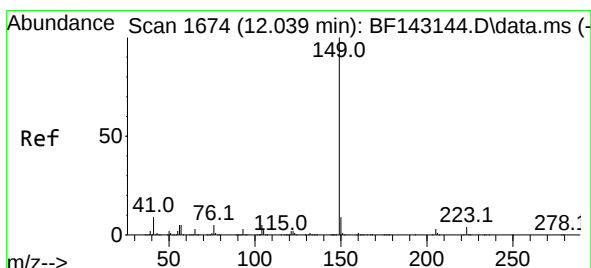
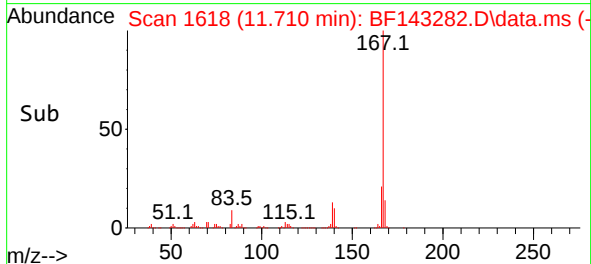
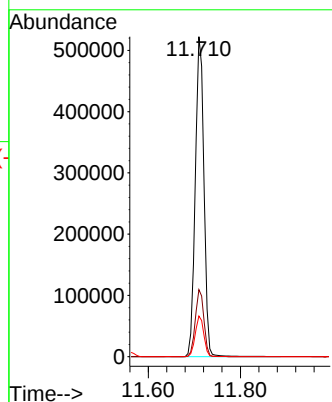
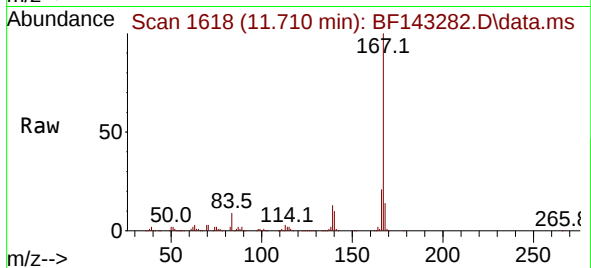




#73
 Carbazole
 Concen: 45.082 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

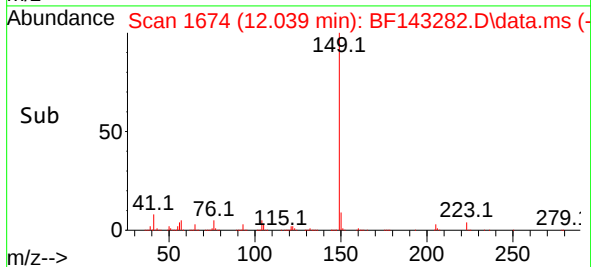
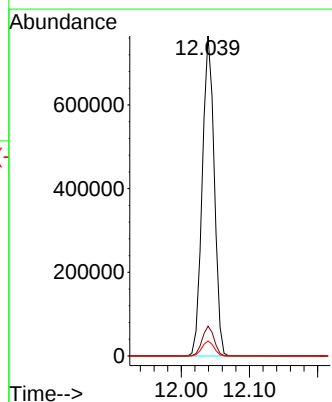
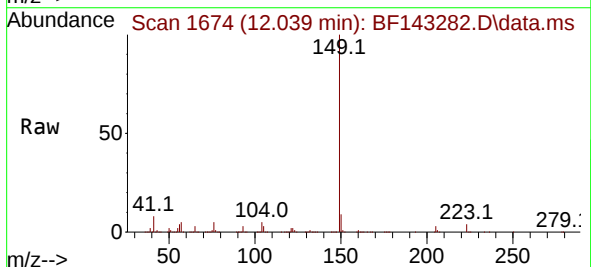
Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

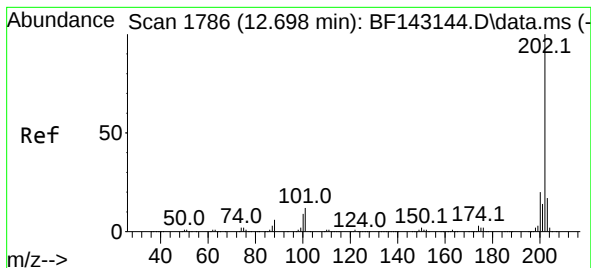
Tgt Ion:167 Resp: 677874
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 54.856 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion:149 Resp: 933320
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.8 5.8





#75

Fluoranthene

Concen: 53.418 ng

RT: 12.698 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

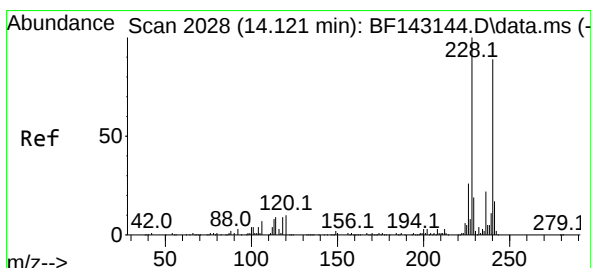
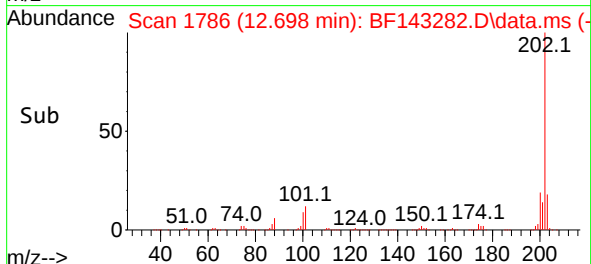
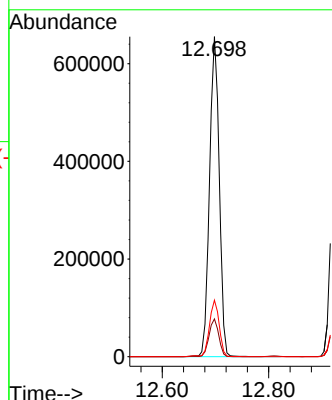
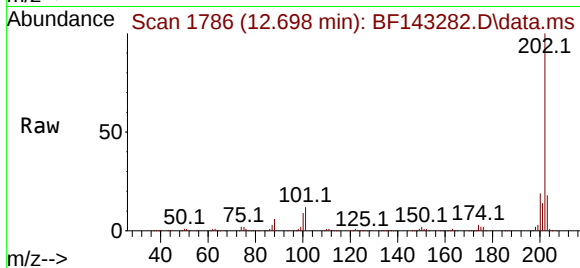
Tgt Ion:202 Resp: 827855

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.7

203 17.7 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

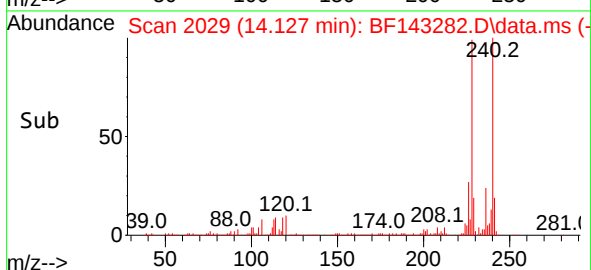
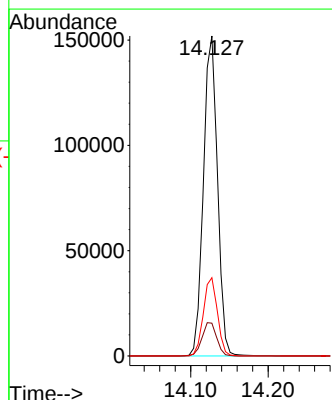
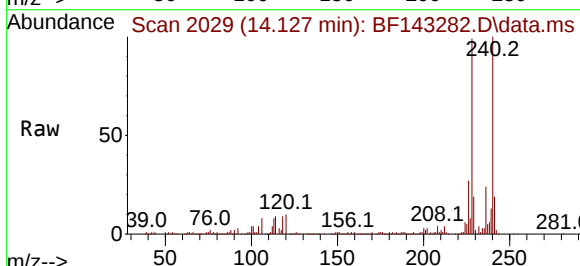
Tgt Ion:240 Resp: 191263

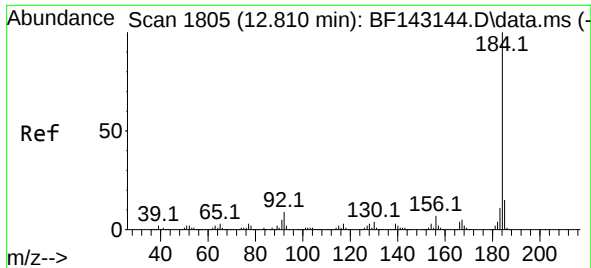
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 24.4 20.2 30.4

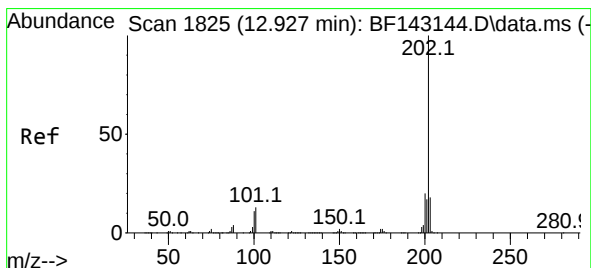
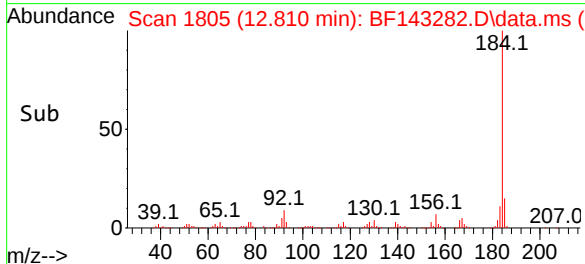
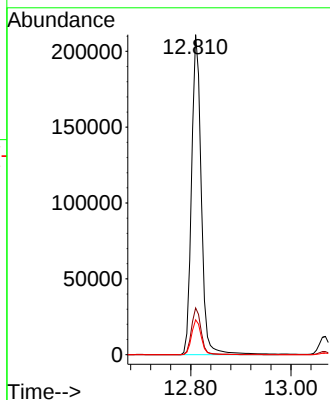
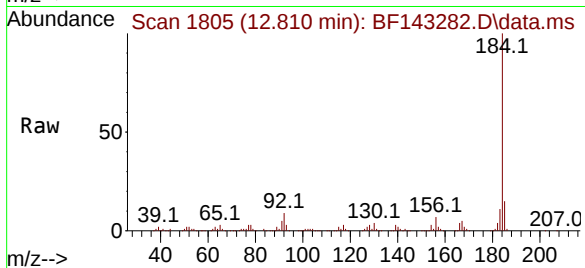




#77
Benzidine
Concen: 38.536 ng
RT: 12.810 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

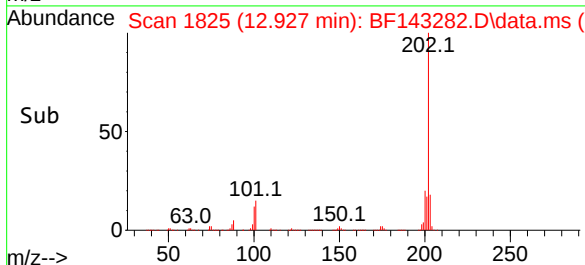
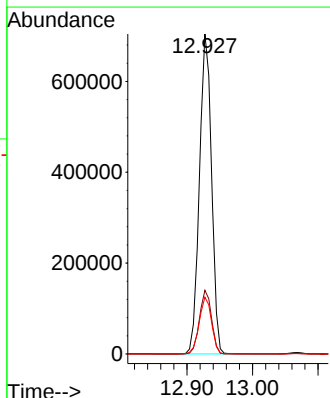
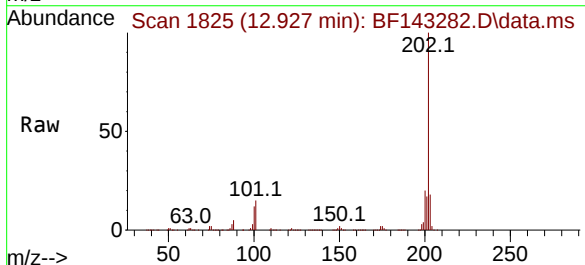
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

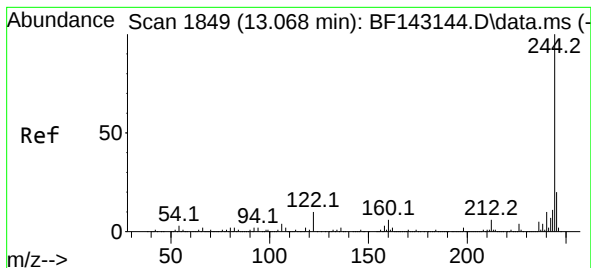
Tgt Ion:184 Resp: 283968
Ion Ratio Lower Upper
184 100
185 14.6 12.2 18.4
183 10.9 9.0 13.4



#78
Pyrene
Concen: 55.486 ng
RT: 12.927 min Scan# 1825
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:202 Resp: 905717
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.8 14.2 21.2



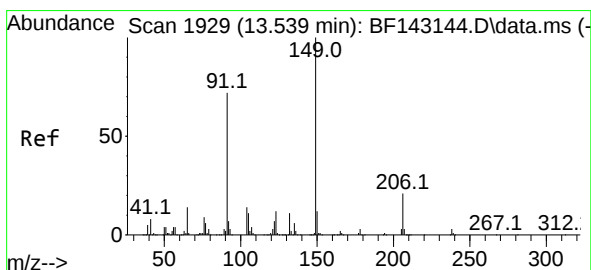
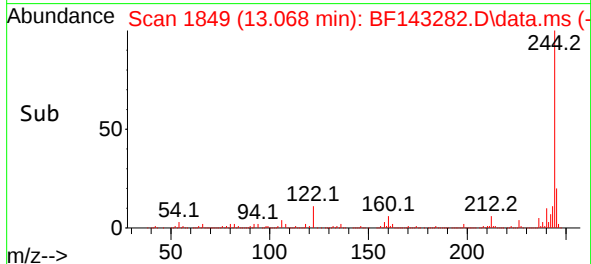
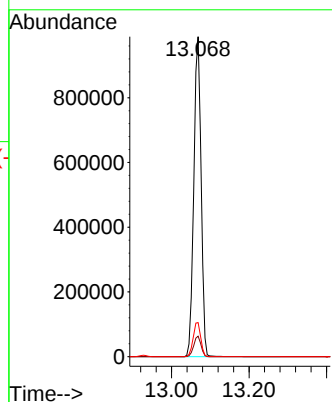
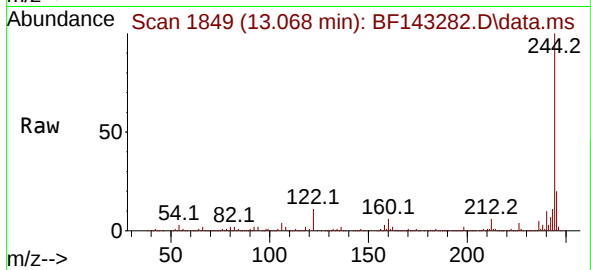


#79
 Terphenyl-d14
 Concen: 100.450 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB169087BSD

Tgt Ion:244 Resp: 1291057

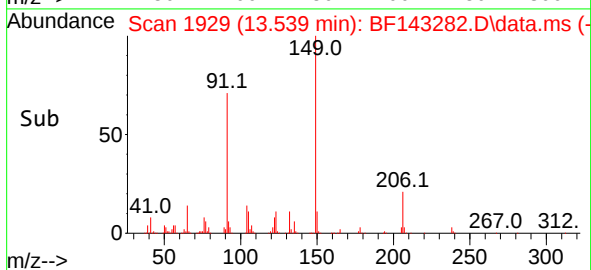
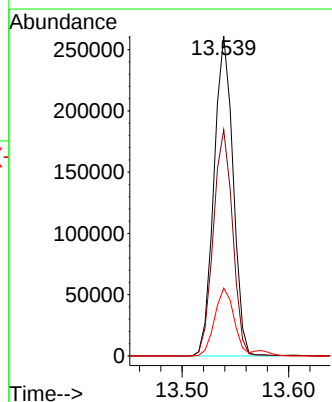
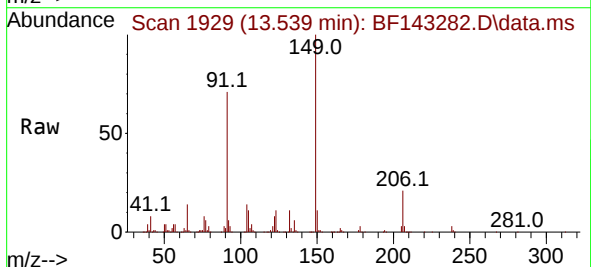
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.2	7.8
122	10.6	8.2	12.2

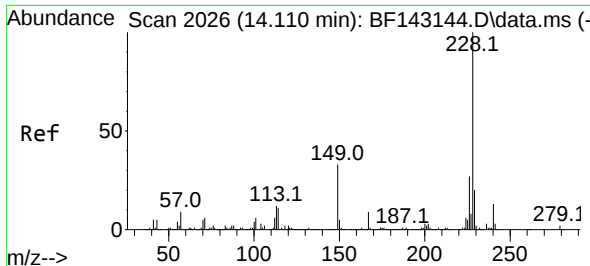


#80
 Butylbenzylphthalate
 Concen: 65.042 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. -0.000 min
 Lab File: BF143282.D
 Acq: 01 Aug 2025 15:05

Tgt Ion:149 Resp: 325108

Ion	Ratio	Lower	Upper
149	100		
91	70.7	57.9	86.9
206	21.2	17.0	25.4

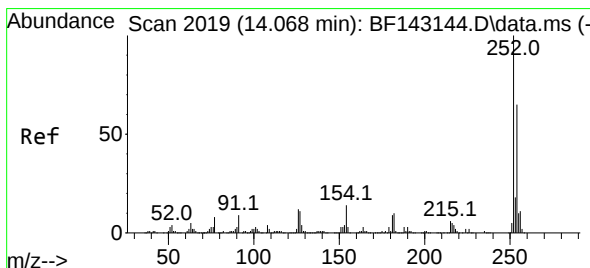
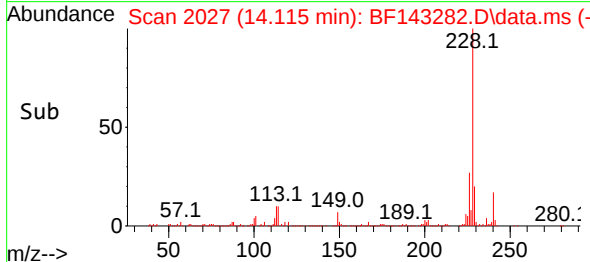
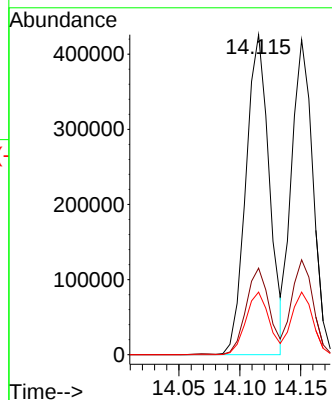
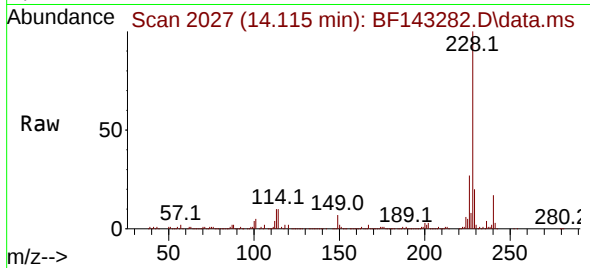




#81
Benzo(a)anthracene
Concen: 44.649 ng
RT: 14.115 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

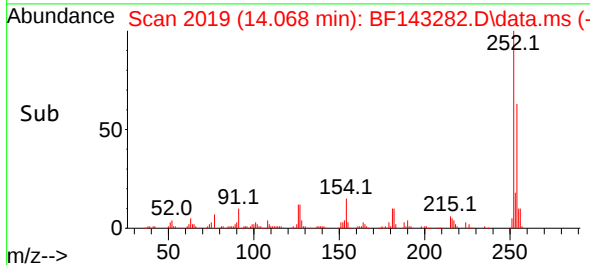
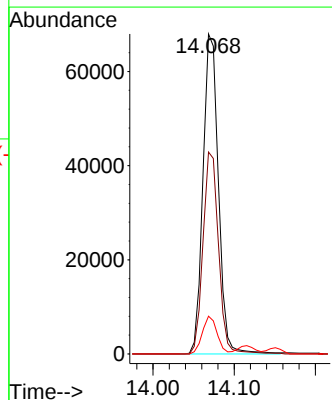
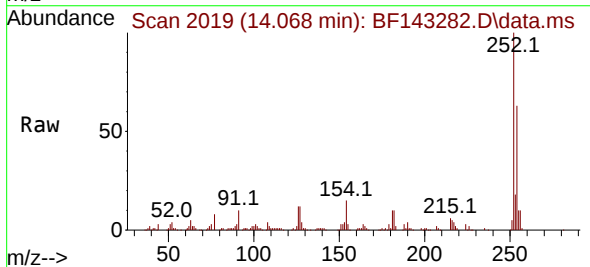
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

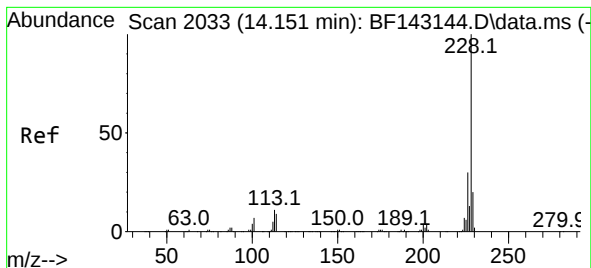
Tgt Ion:228 Resp: 571735
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 21.030 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:252 Resp: 89750
Ion Ratio Lower Upper
252 100
254 63.1 51.7 77.5
126 11.8 9.4 14.0





#83

Chrysene

Concen: 44.735 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

Instrument :

BNA_F

ClientSampleId :

PB169087BSD

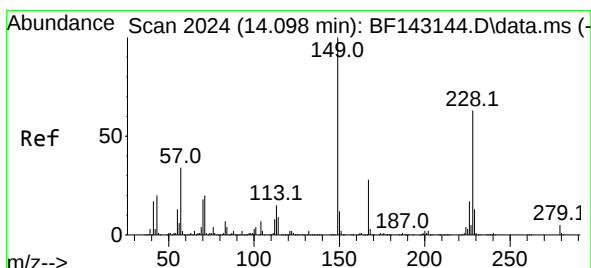
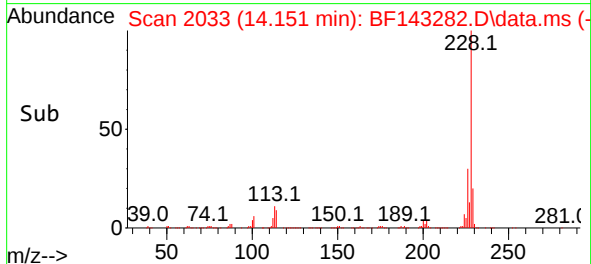
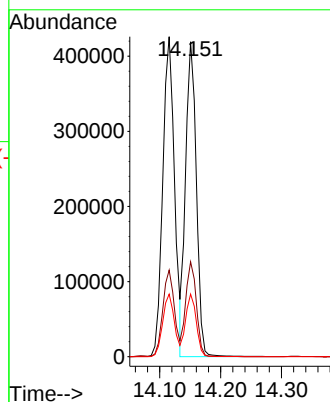
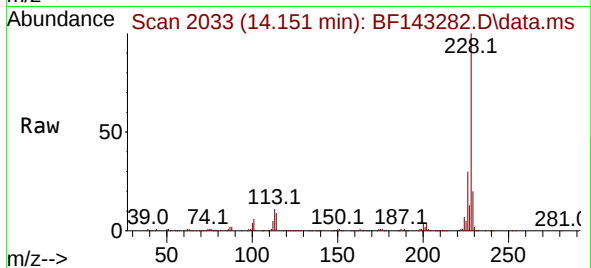
Tgt Ion:228 Resp: 515031

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.9 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.946 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF143282.D

Acq: 01 Aug 2025 15:05

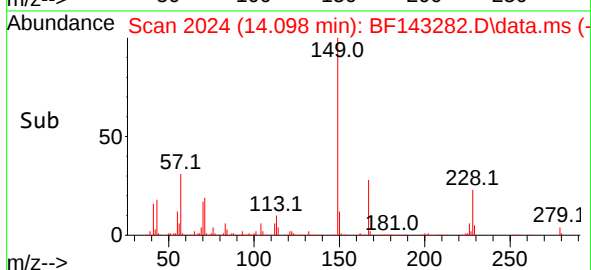
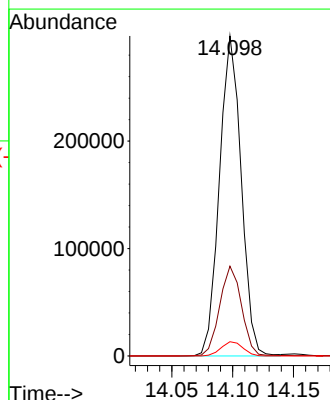
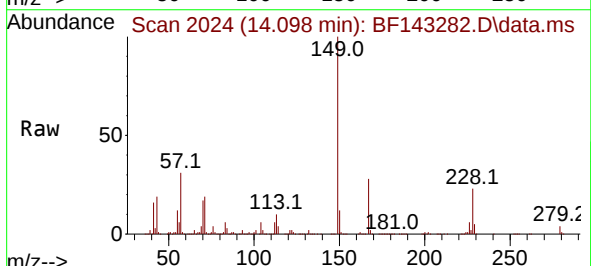
Tgt Ion:149 Resp: 370304

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.4 3.6 5.4

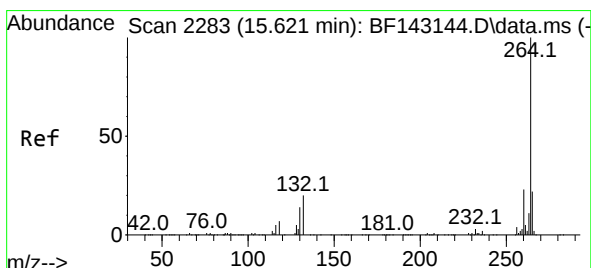
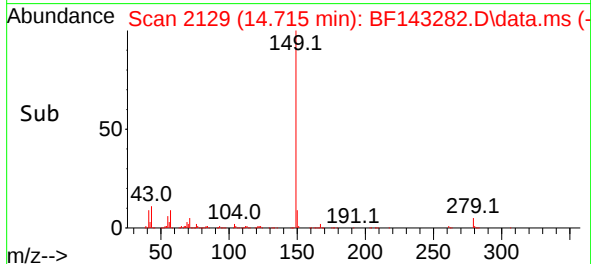
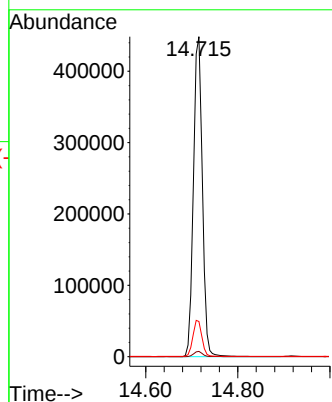
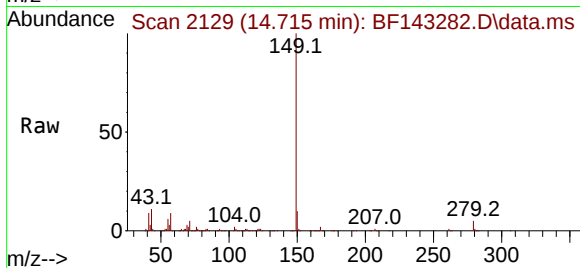




#85
Di-n-octyl phthalate
Concen: 43.827 ng
RT: 14.715 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

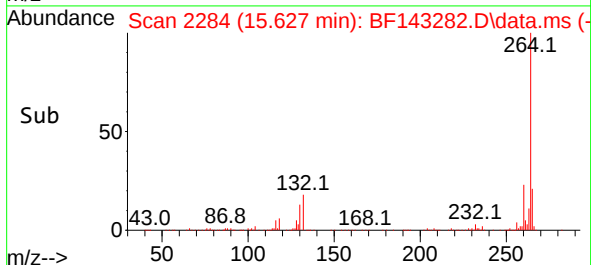
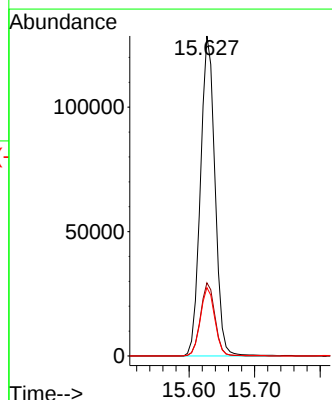
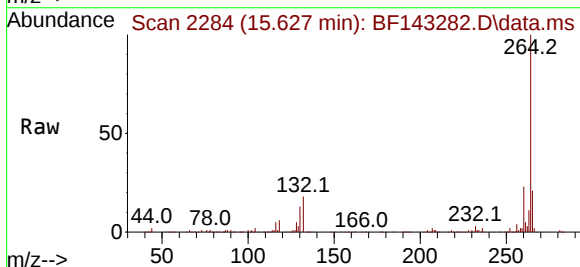
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

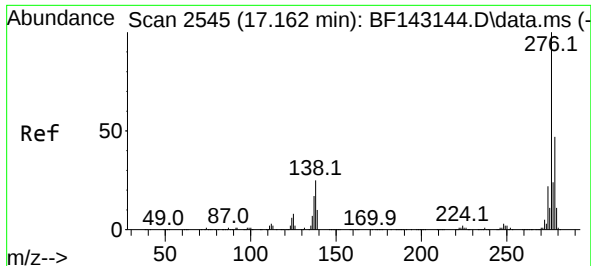
Tgt Ion:149 Resp: 601029
Ion Ratio Lower Upper
149 100
167 1.7 1.1 1.7
43 11.4 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:264 Resp: 198657
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 21.3 17.4 26.2

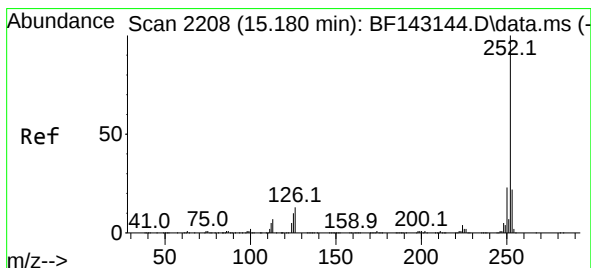
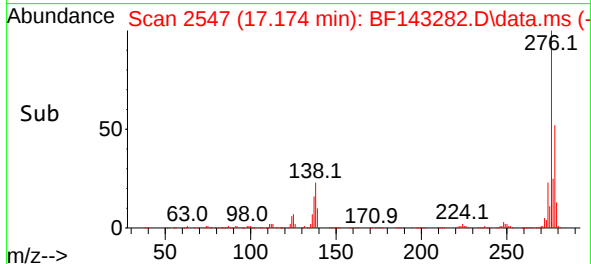
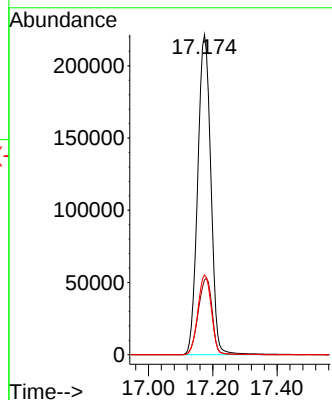
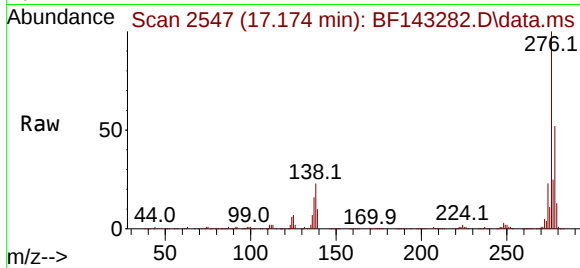




#87
Indeno(1,2,3-cd)pyrene
Concen: 44.724 ng
RT: 17.174 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

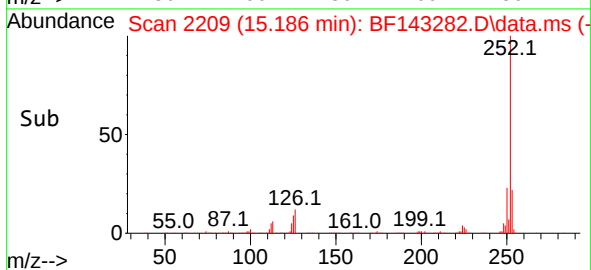
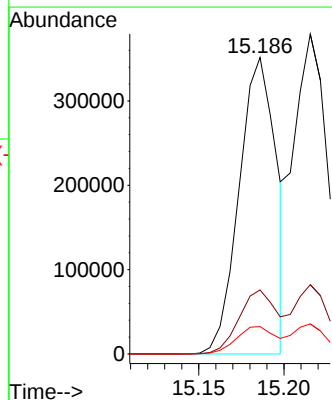
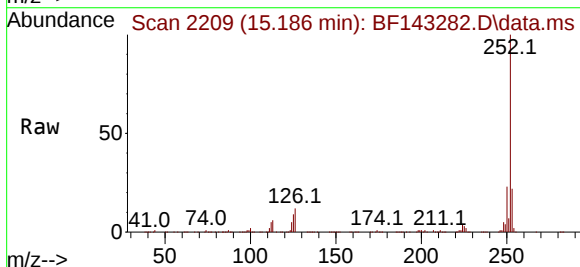
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

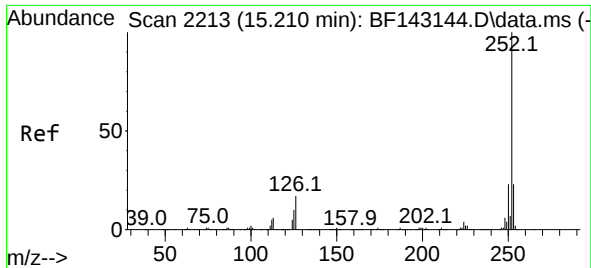
Tgt Ion:276 Resp: 626497
Ion Ratio Lower Upper
276 100
138 25.2 21.8 32.6
277 25.6 20.0 30.0



#88
Benzo(b)fluoranthene
Concen: 43.722 ng
RT: 15.186 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:252 Resp: 530622
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.2 8.0 12.0

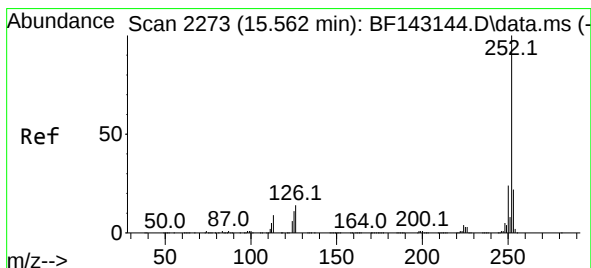
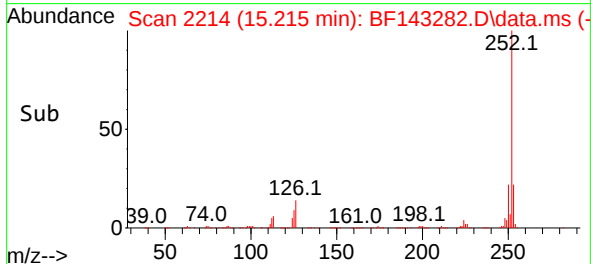
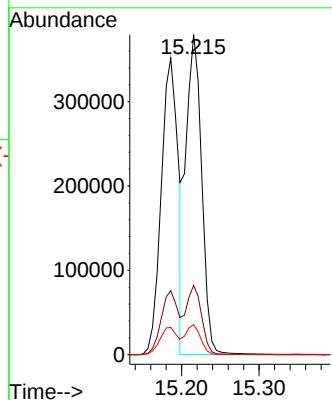
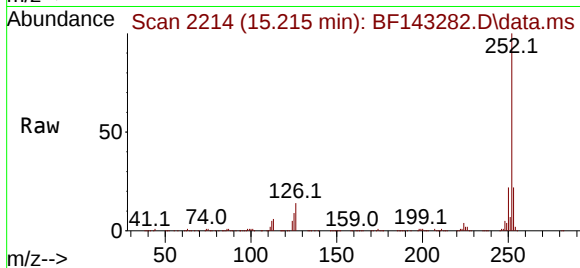




#89
Benzo(k)fluoranthene
Concen: 49.184 ng
RT: 15.215 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

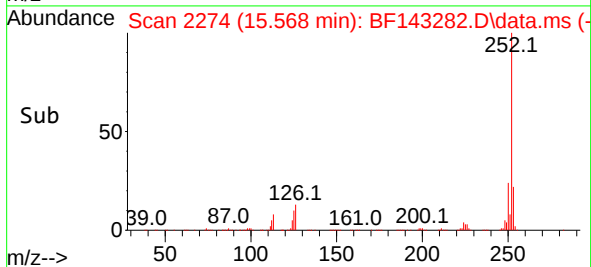
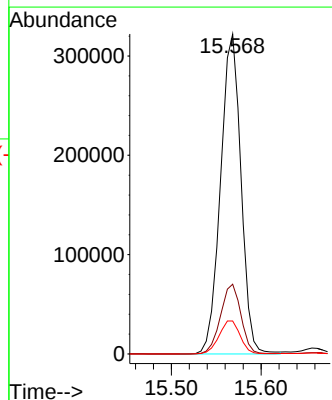
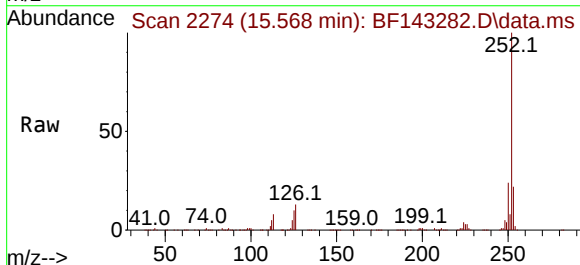
Instrument :
BNA_F
ClientSampleId :
PB169087BSD

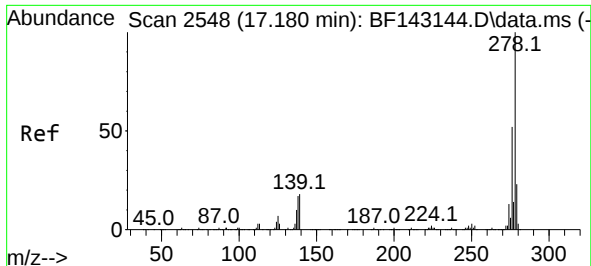
Tgt Ion:252 Resp: 532643
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.4 8.1 12.1



#90
Benzo(a)pyrene
Concen: 45.527 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:252 Resp: 509069
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.3 8.6 13.0

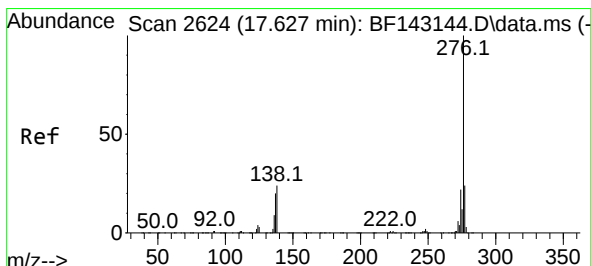
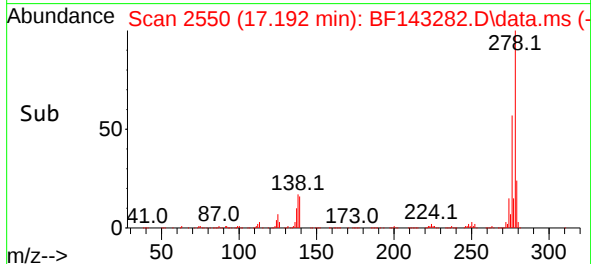
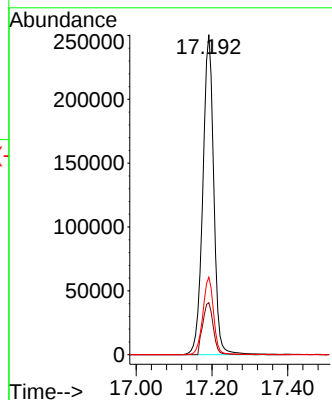
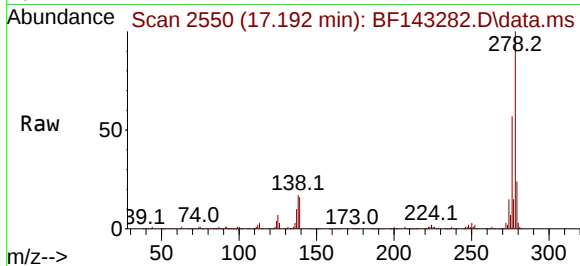




#91
Dibenzo(a,h)anthracene
Concen: 44.211 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Instrument :
BNA_F
ClientSampleId :
PB169087BSD

Tgt Ion:278 Resp: 504080
Ion Ratio Lower Upper
278 100
139 16.3 14.1 21.1
279 24.2 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 44.602 ng
RT: 17.639 min Scan# 2626
Delta R.T. 0.012 min
Lab File: BF143282.D
Acq: 01 Aug 2025 15:05

Tgt Ion:276 Resp: 491918
Ion Ratio Lower Upper
276 100
277 23.9 19.1 28.7
138 21.5 18.9 28.3

