

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141993.D
 Acq On : 18 Mar 2025 13:31
 Operator : RC/JU
 Sample : Q1568-04MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 14:02:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	138565	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	535417	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	298567	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	470466	20.000	ng	0.00
76) Chrysene-d12	14.039	240	320562	20.000	ng	0.00
86) Perylene-d12	15.516	264	374866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1051904	126.698	ng	0.02
7) Phenol-d6	6.510	99	1186613	112.253	ng	0.00
23) Nitrobenzene-d5	7.440	82	919626	96.659	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	547526	144.553	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1947912	99.221	ng	0.00
79) Terphenyl-d14	12.986	244	1857933	85.689	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.840	88	146493	42.111	ng	# 83
3) Pyridine	3.563	79	273215	32.018	ng	97
4) n-Nitrosodimethylamine	3.487	42	164232	40.375	ng	96
6) Aniline	6.546	93	135605	13.004	ng	99
8) 2-Chlorophenol	6.669	128	403907	43.864	ng	98
9) Benzaldehyde	6.434	77	60077	10.162	ng	97
10) Phenol	6.522	94	399017	35.880	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	362129	43.366	ng	98
12) 1,3-Dichlorobenzene	6.822	146	428325	43.086	ng	99
13) 1,4-Dichlorobenzene	6.898	146	435945	43.342	ng	99
14) 1,2-Dichlorobenzene	7.051	146	417522	44.071	ng	98
15) Benzyl Alcohol	7.016	79	359681	42.088	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	400292	39.706	ng	98
17) 2-Methylphenol	7.128	107	315654	43.114	ng	99
18) Hexachloroethane	7.393	117	161459	42.807	ng	97
19) n-Nitroso-di-n-propyla...	7.293	70	275937	40.624	ng	99
20) 3+4-Methylphenols	7.281	107	394412	42.058	ng	# 83
22) Acetophenone	7.287	105	619784	48.338	ng	98
24) Nitrobenzene	7.463	77	417210	44.111	ng	98
25) Isophorone	7.698	82	758880	45.124	ng	99
26) 2-Nitrophenol	7.775	139	216360	46.608	ng	99
27) 2,4-Dimethylphenol	7.810	122	349454	54.671	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	463580	43.949	ng	99
29) 2,4-Dichlorophenol	8.016	162	355926	44.861	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	386209	44.171	ng	99
31) Naphthalene	8.181	128	1188930	43.228	ng	100
32) Benzoic acid	7.922	122	253463	45.110	ng	99
33) 4-Chloroaniline	8.228	127	52746	5.433	ng	98
34) Hexachlorobutadiene	8.298	225	257669	45.189	ng	100
35) Caprolactam	8.592	113	66884	27.651	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	379366	42.865	ng	98
37) 2-Methylnaphthalene	8.875	142	784913	42.696	ng	99
38) 1-Methylnaphthalene	8.969	142	760948	42.894	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	466352	51.303	ng	99
41) Hexachlorocyclopentadiene	9.028	237	552351	155.263	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	271244	45.658	ng	99

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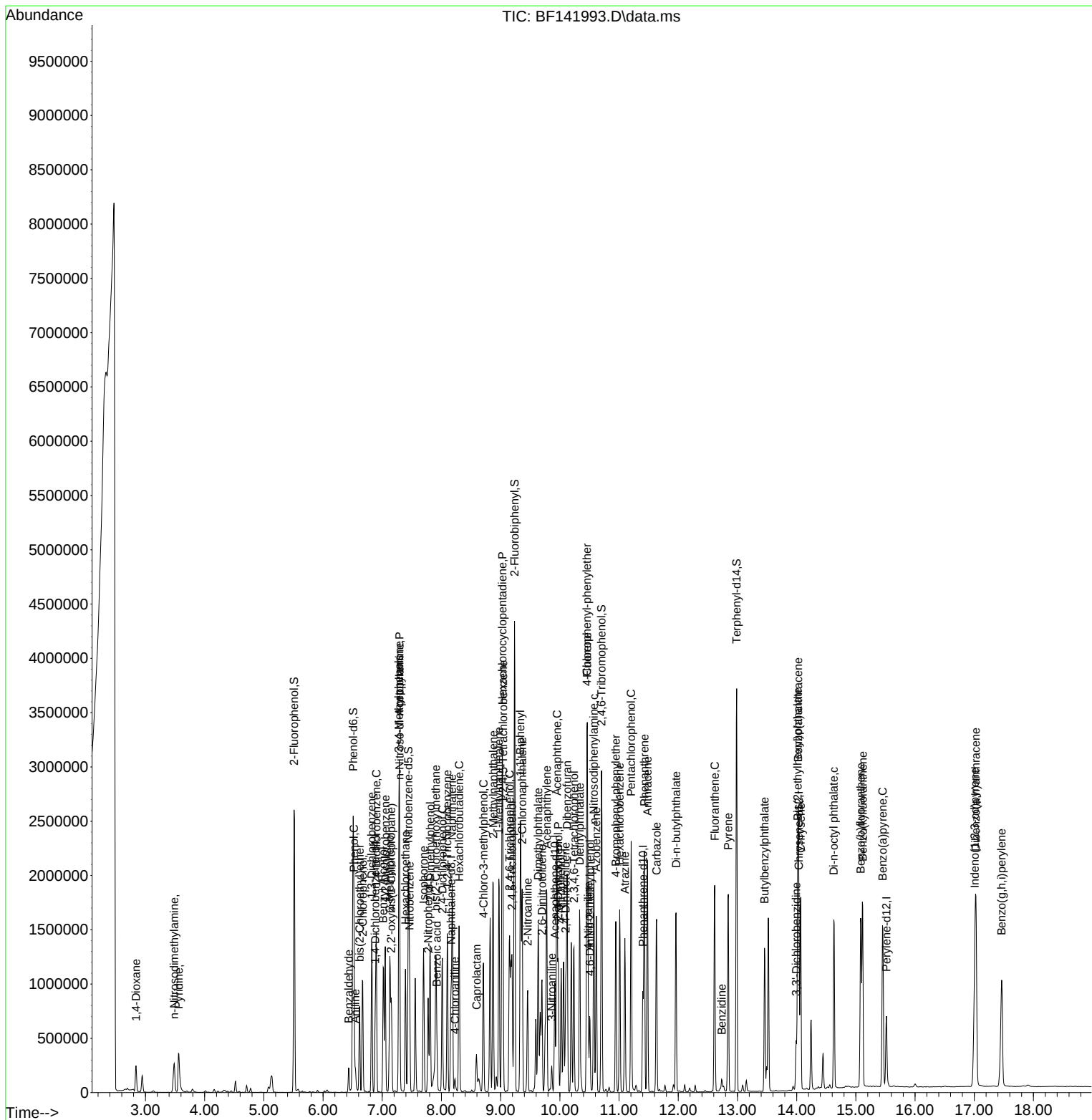
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 BNA_F
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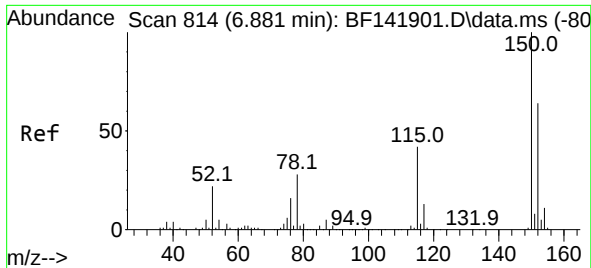
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	281314	46.754	ng	98
46) 1,1'-Biphenyl	9.334	154	1147658	50.590	ng	100
47) 2-Chloronaphthalene	9.363	162	776730	45.937	ng	99
48) 2-Nitroaniline	9.457	65	217153	44.355	ng	96
49) Acenaphthylene	9.781	152	1197410	47.721	ng	99
50) Dimethylphthalate	9.634	163	924934	44.238	ng	100
51) 2,6-Dinitrotoluene	9.698	165	198413	45.578	ng	93
52) Acenaphthene	9.951	154	893147	50.651	ng	99
53) 3-Nitroaniline	9.863	138	53697	12.160	ng	97
54) 2,4-Dinitrophenol	9.975	184	231559	92.501	ng	# 45
55) Dibenzofuran	10.122	168	1090329	43.274	ng	99
56) 4-Nitrophenol	10.022	139	263665	79.177	ng	97
57) 2,4-Dinitrotoluene	10.098	165	267316	47.015	ng	99
58) Fluorene	10.463	166	861532	44.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	242183	44.233	ng	98
60) Diethylphthalate	10.334	149	894203	42.892	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	454829	44.899	ng	97
62) 4-Nitroaniline	10.481	138	162752	37.858	ng	98
63) Azobenzene	10.616	77	807900	41.682	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	139678	49.802	ng	95
66) n-Nitrosodiphenylamine	10.575	169	729426	47.911	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	283205	47.932	ng	99
68) Hexachlorobenzene	11.010	284	324295	50.043	ng	98
69) Atrazine	11.098	200	264785	56.733	ng	99
70) Pentachlorophenol	11.204	266	376512	94.300	ng	100
71) Phenanthrene	11.428	178	1184936	46.630	ng	99
72) Anthracene	11.480	178	1202057	47.150	ng	100
73) Carbazole	11.633	167	944218	42.945	ng	99
74) Di-n-butylphthalate	11.963	149	1246779	42.737	ng	99
75) Fluoranthene	12.616	202	1106426	41.046	ng	99
77) Benzidine	12.733	184	68935	15.413	ng	99
78) Pyrene	12.845	202	1093026	39.418	ng	99
80) Butylbenzylphthalate	13.457	149	433069	39.902	ng	99
81) Benzo(a)anthracene	14.027	228	1010312	48.029	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	136983	22.534	ng	99
83) Chrysene	14.069	228	864000	45.312	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	624421	41.728	ng	99
85) Di-n-octyl phthalate	14.627	149	1106352	53.136	ng	98
87) Indeno(1,2,3-cd)pyrene	17.010	276	1247538	51.446	ng	98
88) Benzo(b)fluoranthene	15.080	252	1074570	41.826	ng	100
89) Benzo(k)fluoranthene	15.116	252	939725	42.742	ng	99
90) Benzo(a)pyrene	15.451	252	967379	48.122	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1013729	50.667	ng	99
92) Benzo(g,h,i)perylene	17.462	276	927863	46.929	ng	97

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

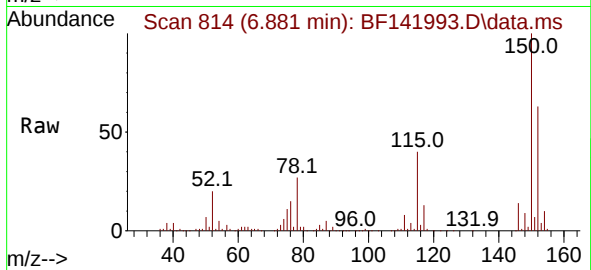
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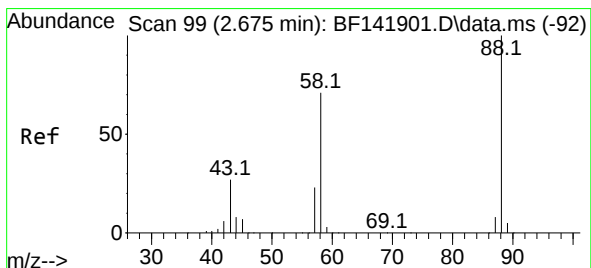
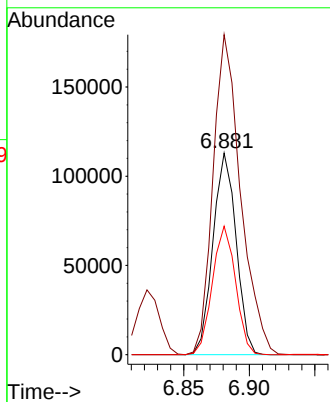
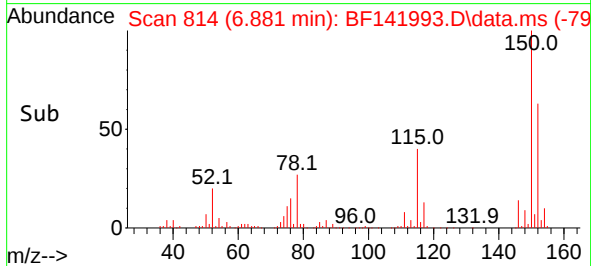


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

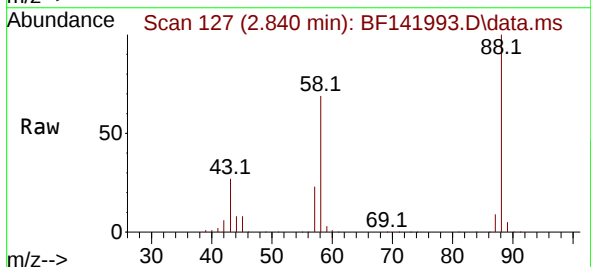
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 BNA_F
 ClientSampleId :



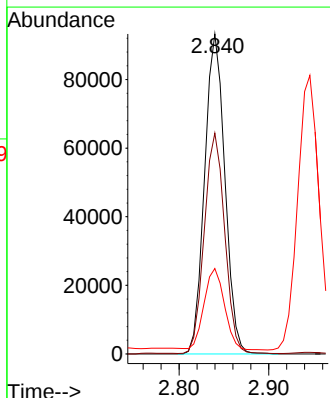
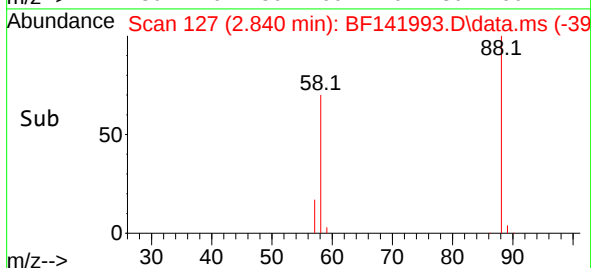
Tgt Ion:152 Resp: 138565
 Ion Ratio Lower Upper
 152 100
 150 158.7 127.4 191.2
 115 63.7 51.9 77.9

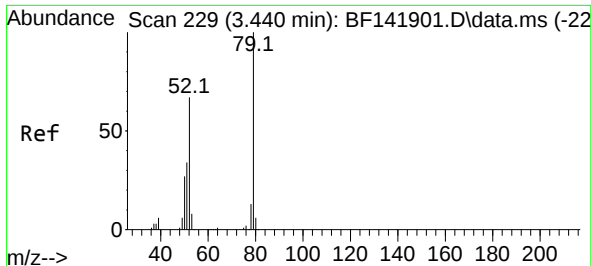


#2
 1,4-Dioxane
 Concen: 42.111 ng
 RT: 2.840 min Scan# 127
 Delta R.T. 0.165 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31



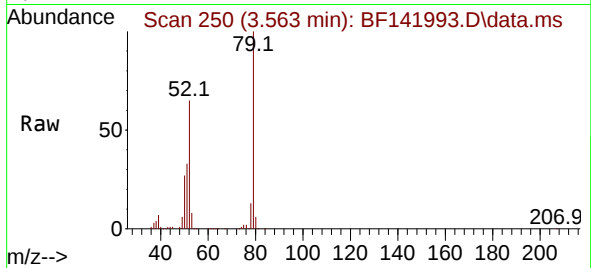
Tgt Ion: 88 Resp: 146493
 Ion Ratio Lower Upper
 88 100
 58 69.1 57.4 86.2
 43 0.0 21.5 32.3



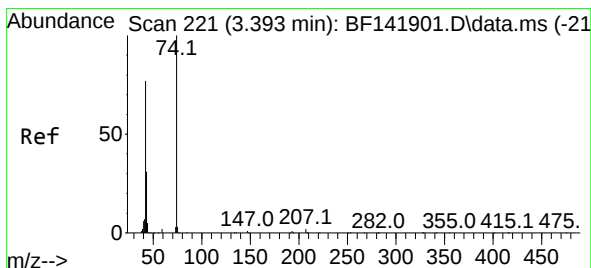
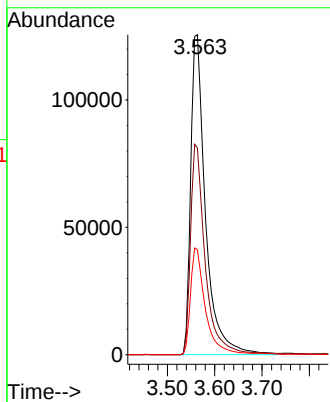
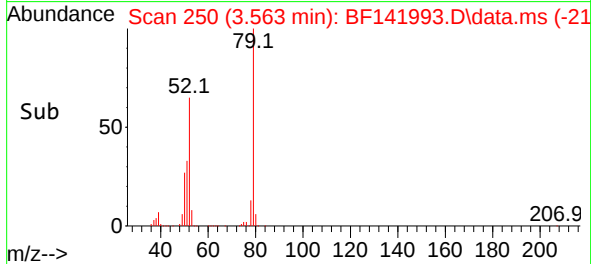


#3
 Pyridine
 Concen: 32.018 ng
 RT: 3.563 min Scan# 21
 Delta R.T. 0.124 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

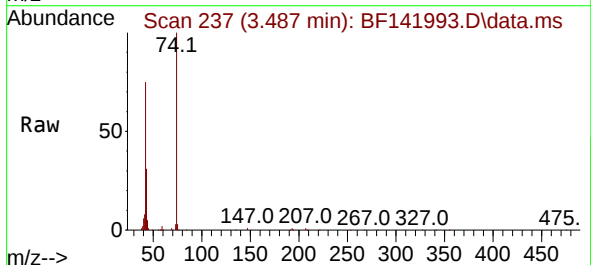
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 ClientSampleId :



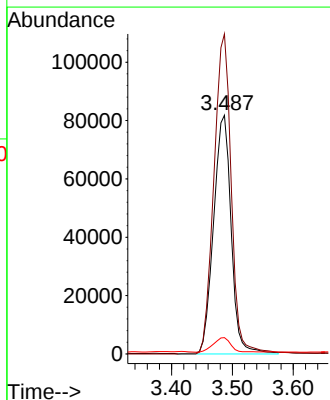
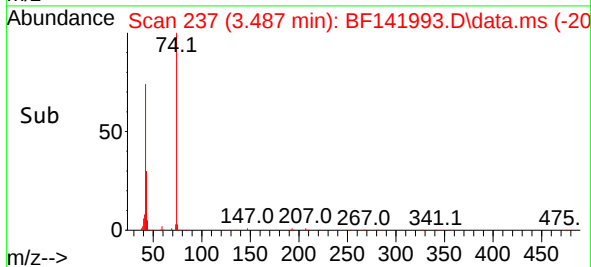
Tgt Ion: 79 Resp: 273215
 Ion Ratio Lower Upper
 79 100
 52 64.6 53.3 79.9
 51 32.7 27.6 41.4

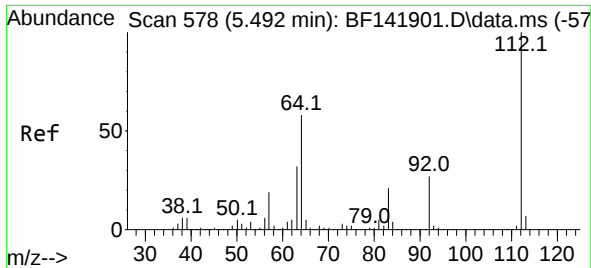


#4
 n-Nitrosodimethylamine
 Concen: 40.375 ng
 RT: 3.487 min Scan# 237
 Delta R.T. 0.094 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31



Tgt Ion: 42 Resp: 164232
 Ion Ratio Lower Upper
 42 100
 74 134.0 103.4 155.0
 44 6.9 5.0 7.4

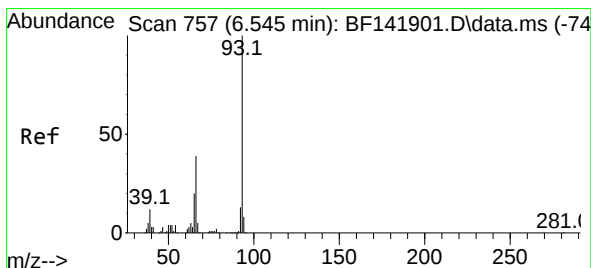
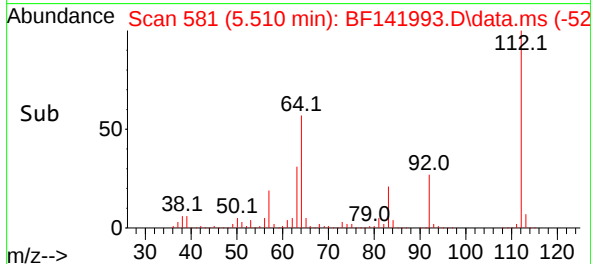
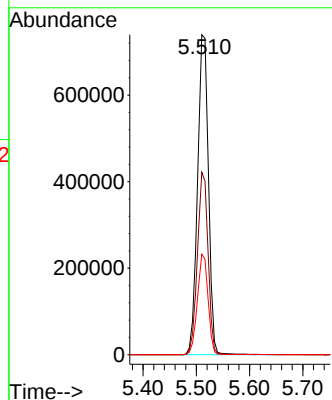
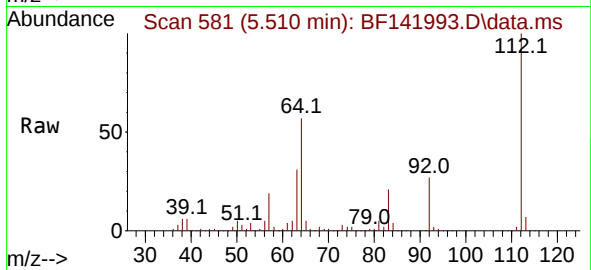




#5
2-Fluorophenol
Concen: 126.698 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

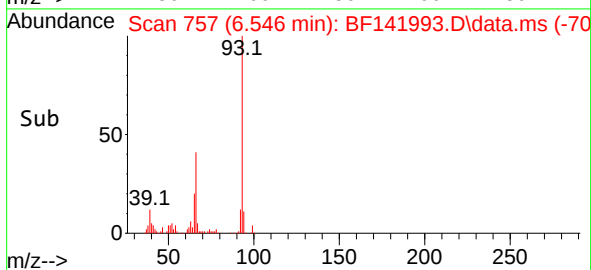
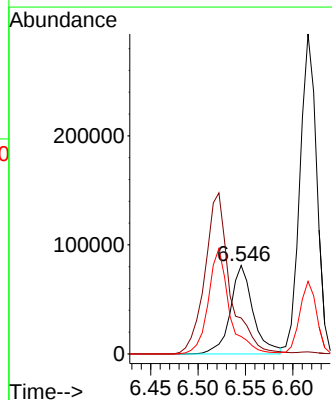
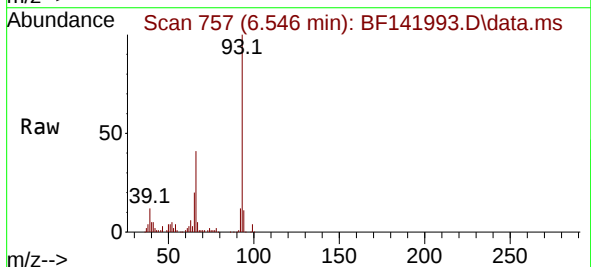
Instrument :
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ClientSampleId :

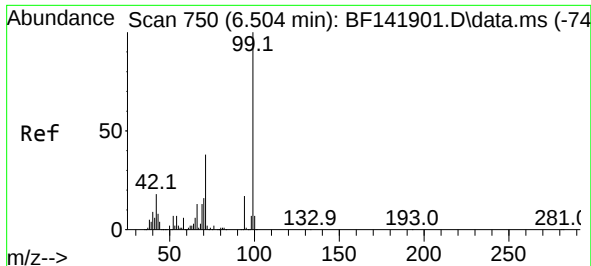
Tgt Ion:112 Resp: 1051904
Ion Ratio Lower Upper
112 100
64 57.0 46.5 69.7
63 31.4 25.4 38.2



#6
Aniline
Concen: 13.004 ng
RT: 6.546 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion: 93 Resp: 135605
Ion Ratio Lower Upper
93 100
66 40.8 31.9 47.9
65 19.7 15.8 23.6

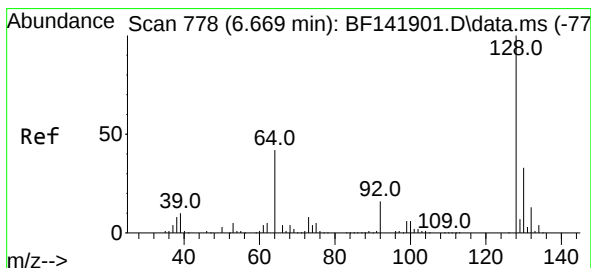
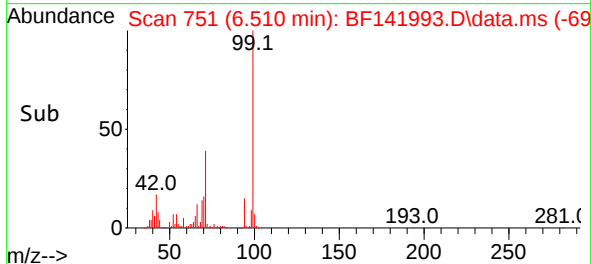
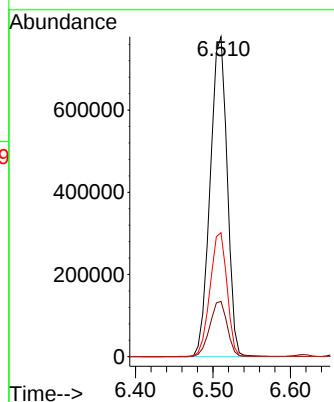
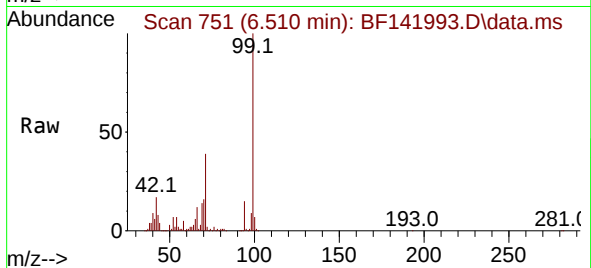




#7
Phenol-d6
Concen: 112.253 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

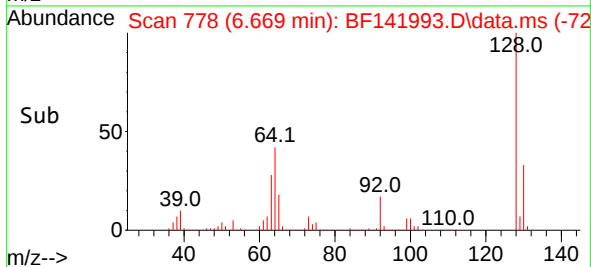
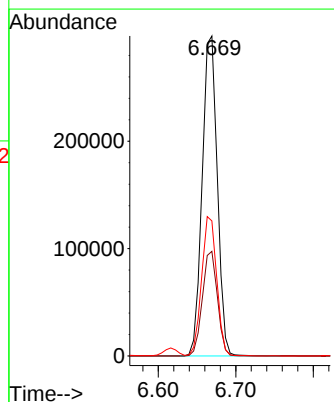
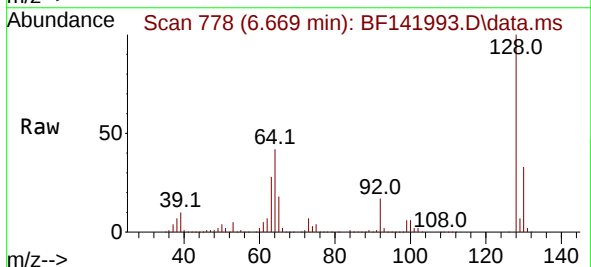
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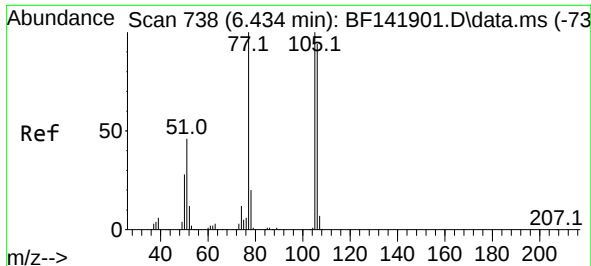
Tgt Ion: 99 Resp: 1186613
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.8 30.8 46.2



#8
2-Chlorophenol
Concen: 43.864 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:128 Resp: 403907
Ion Ratio Lower Upper
128 100
130 32.7 12.8 52.8
64 42.2 24.4 64.4

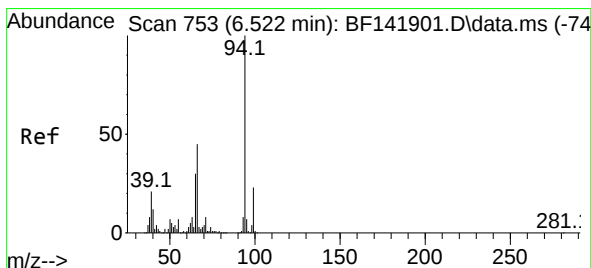
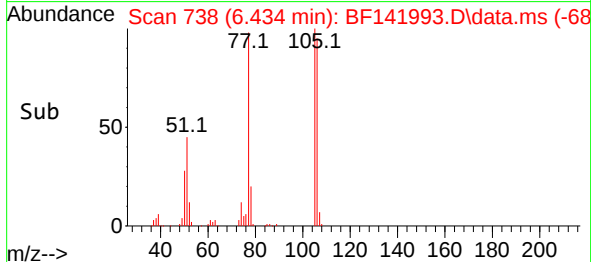
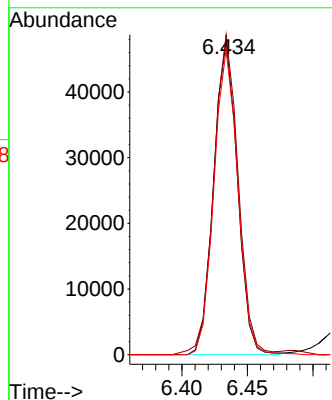
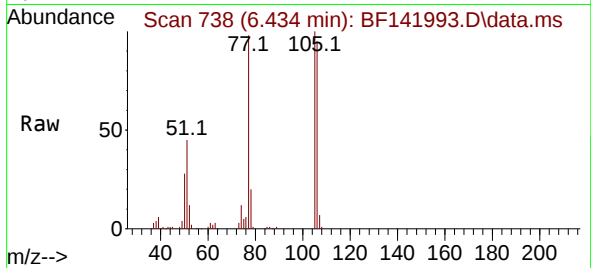




#9
Benzaldehyde
Concen: 10.162 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

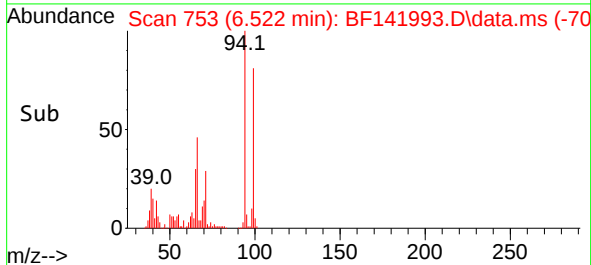
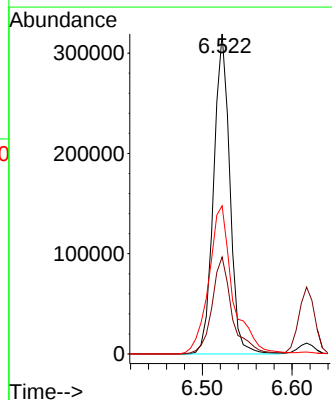
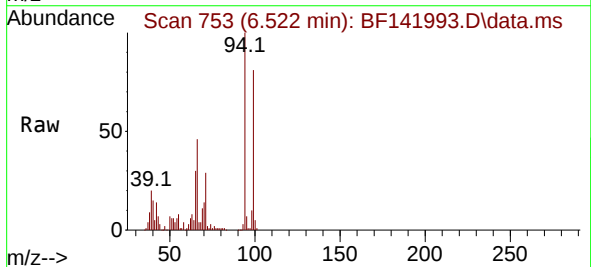
Instrument :
BNA_F
ClientSampleId :

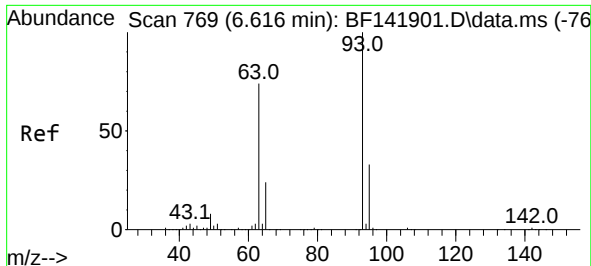
Tgt Ion: 77 Resp: 60077
Ion Ratio Lower Upper
77 100
105 102.2 80.0 120.0
106 97.3 74.5 114.5



#10
Phenol
Concen: 35.880 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

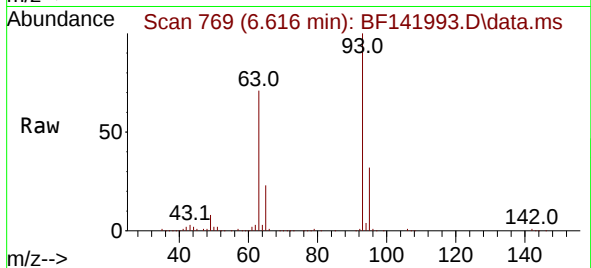
Tgt Ion: 94 Resp: 399017
Ion Ratio Lower Upper
94 100
65 30.3 10.5 50.5
66 46.3 25.8 65.8





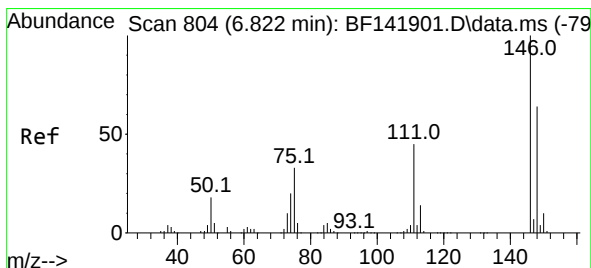
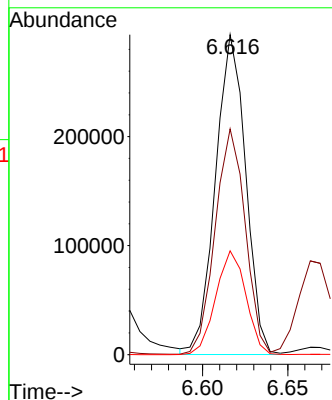
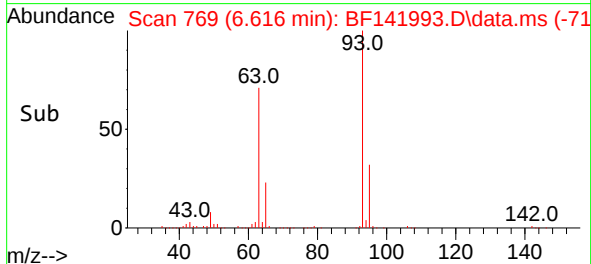
#11
bis(2-Chloroethyl)ether
Concen: 43.366 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

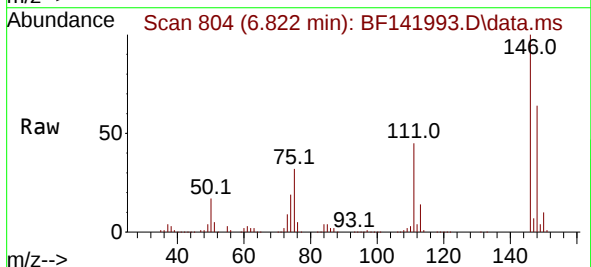


Tgt Ion: 93 Resp: 362129

Ion	Ratio	Lower	Upper
93	100		
63	70.6	53.0	93.0
95	32.5	12.9	52.9

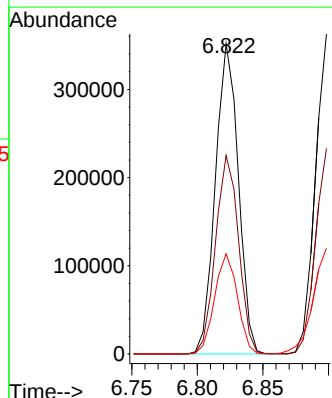
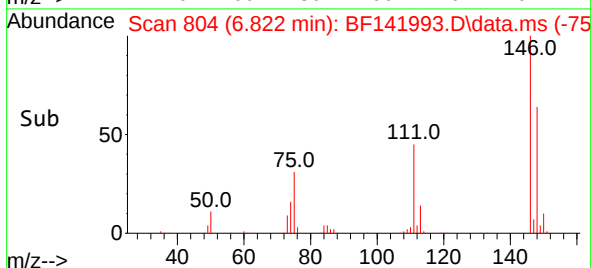


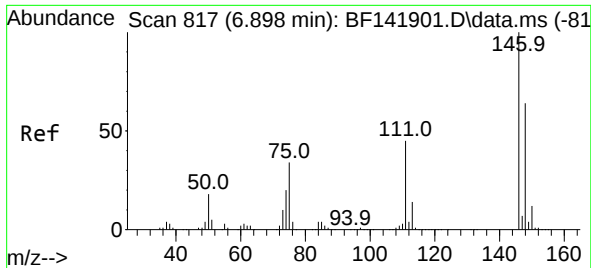
#12
1,3-Dichlorobenzene
Concen: 43.086 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



Tgt Ion: 146 Resp: 428325

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	32.3	26.6	40.0

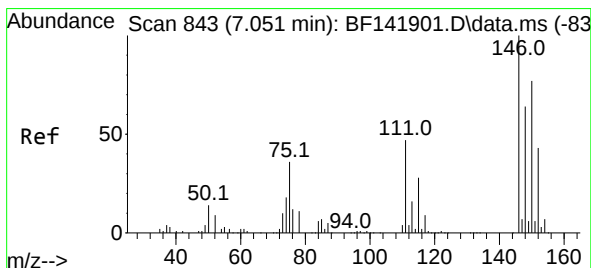
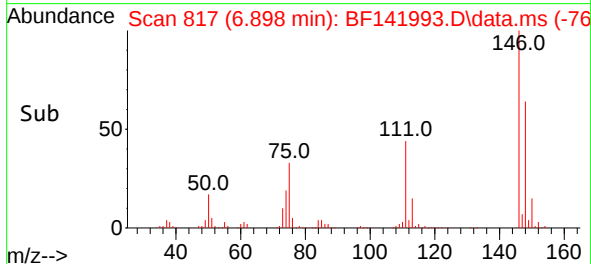
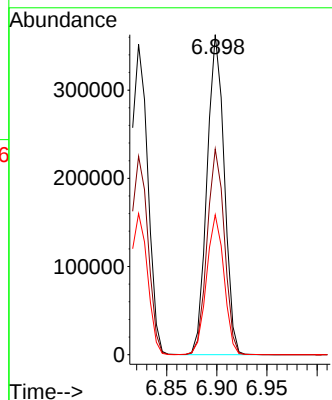
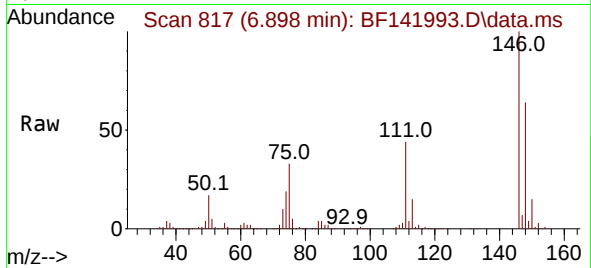




#13
 1,4-Dichlorobenzene
 Concen: 43.342 ng
 RT: 6.898 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

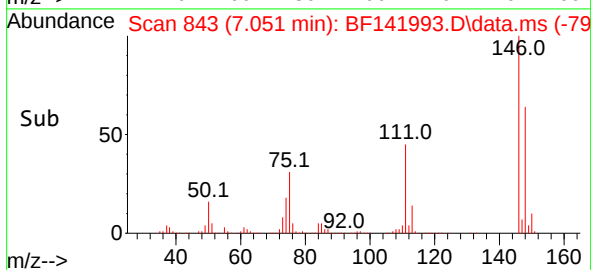
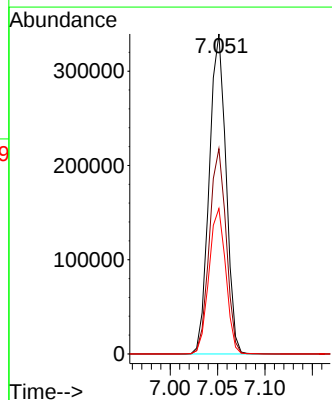
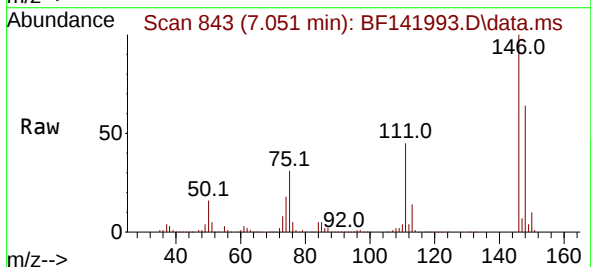
Instrument :
 BNA_F
 ClientSampleId :

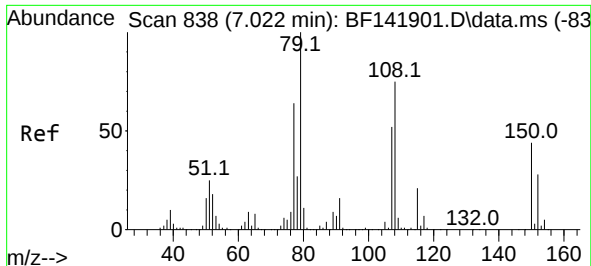
Tgt Ion:146 Resp: 435945
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.6
 111 43.7 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 44.071 ng
 RT: 7.051 min Scan# 843
 Delta R.T. 0.000 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

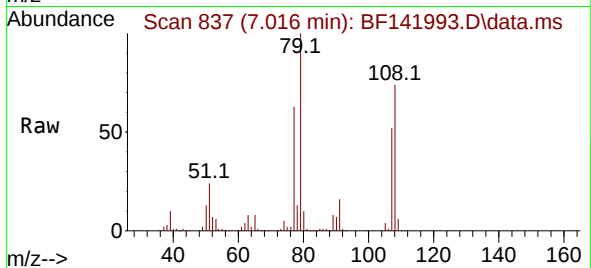
Tgt Ion:146 Resp: 417522
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.8 76.2
 111 45.5 38.0 57.0



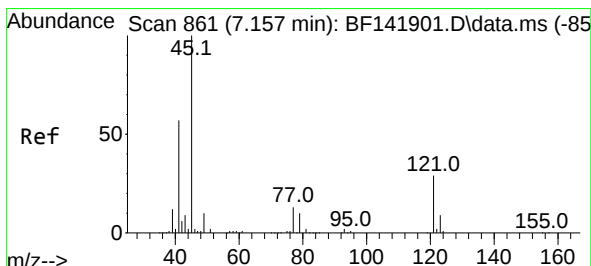
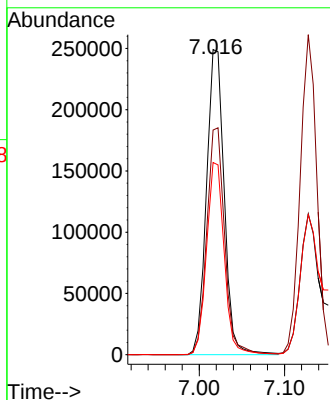
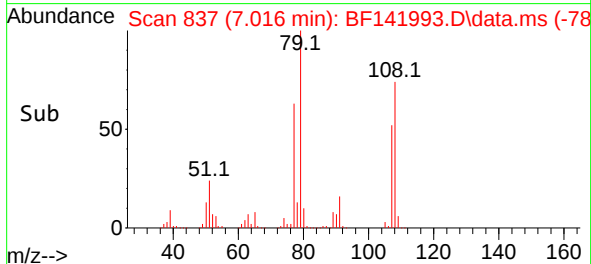


#15
Benzyl Alcohol
Concen: 42.088 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

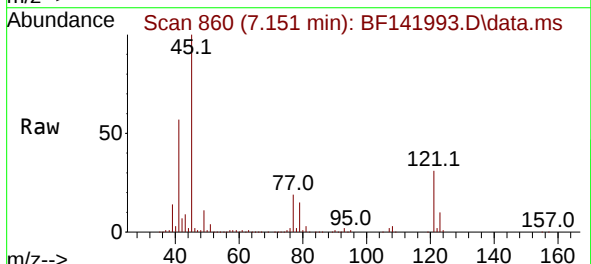
Instrument :
BNA_F
ClientSampleId :



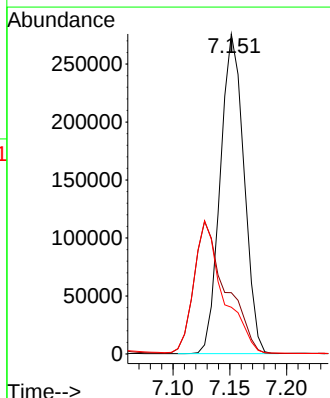
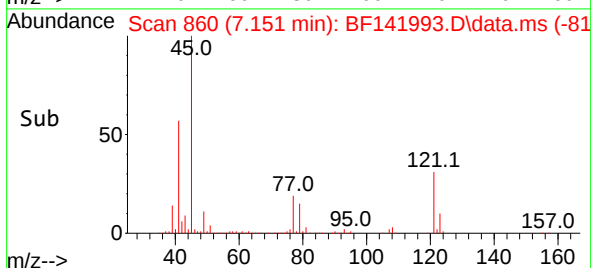
Tgt Ion: 79 Resp: 359681
Ion Ratio Lower Upper
79 100
108 73.6 59.7 89.5
77 63.0 51.0 76.6

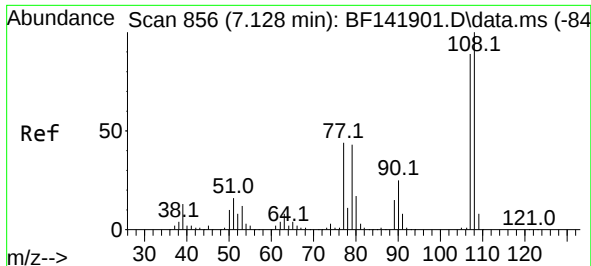


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.706 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



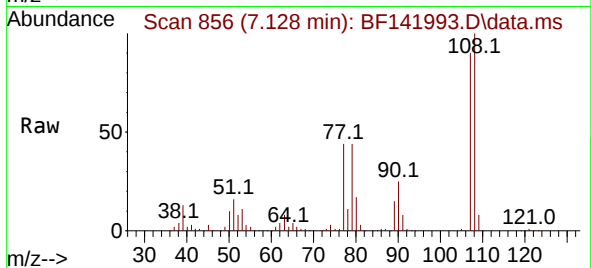
Tgt Ion: 45 Resp: 400292
Ion Ratio Lower Upper
45 100
77 19.2 0.0 37.8
79 14.6 0.0 34.2



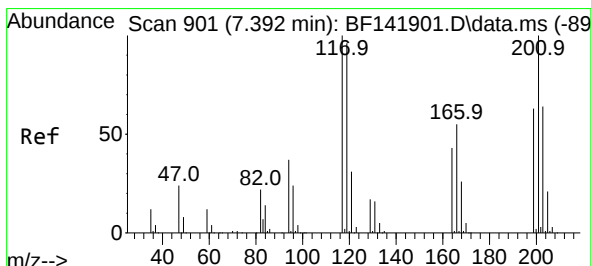
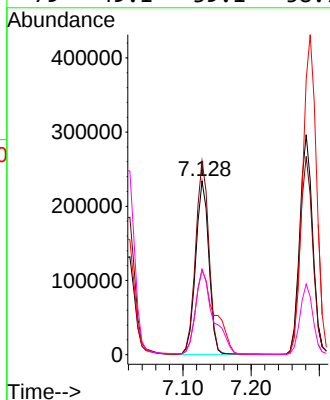
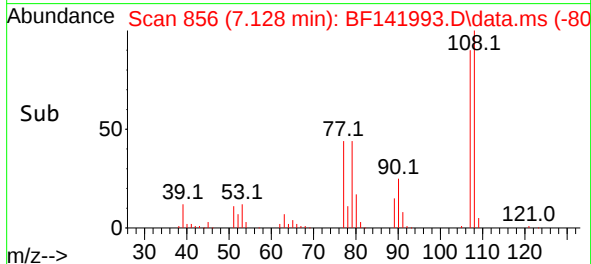


#17
2-Methylphenol
Concen: 43.114 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

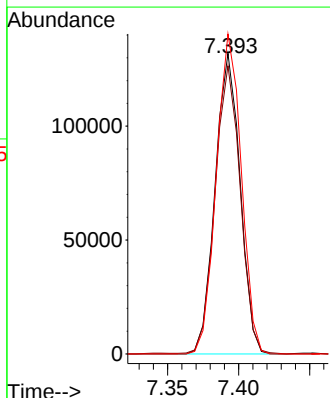
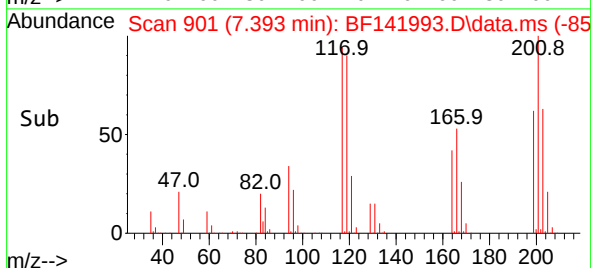
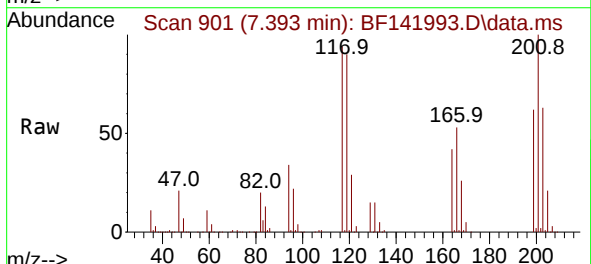


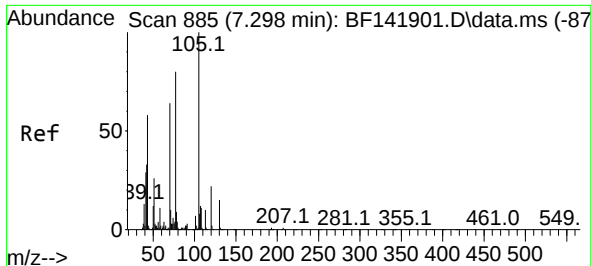
Tgt Ion:	107	Resp:	315654
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.9	39.6	59.4
79	49.1	39.1	58.7



#18
Hexachloroethane
Concen: 42.807 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

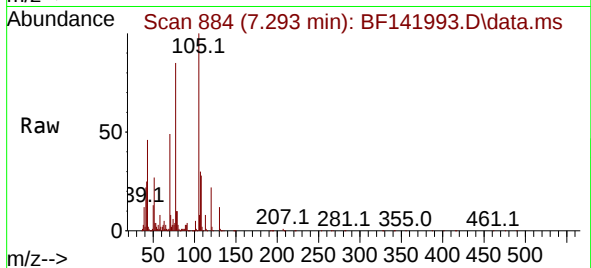
Tgt Ion:	117	Resp:	161459
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	106.5	79.9	119.9



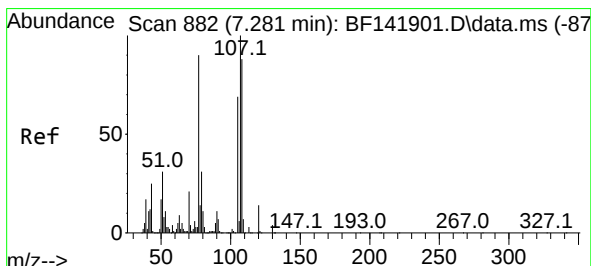
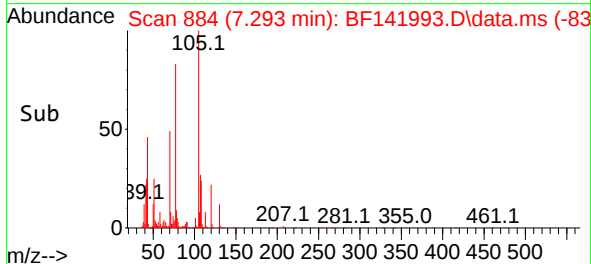
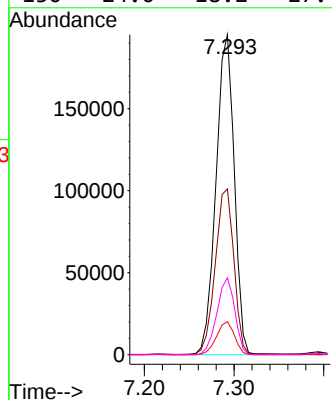


#19
n-Nitroso-di-n-propylamine
Concen: 40.624 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

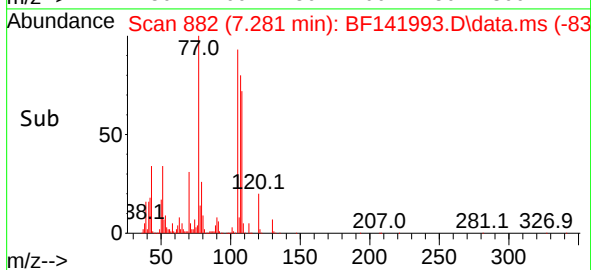
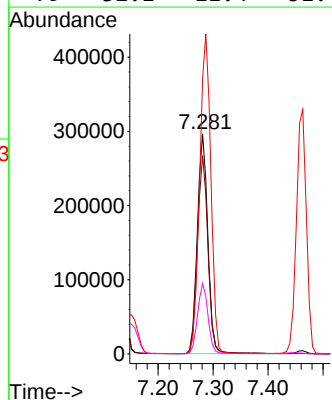
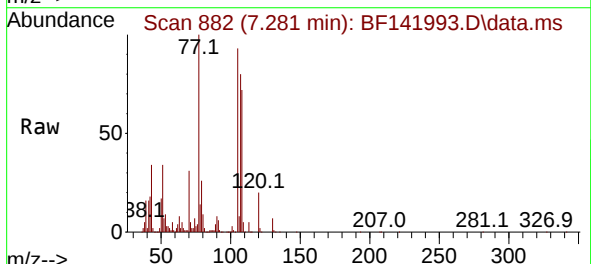


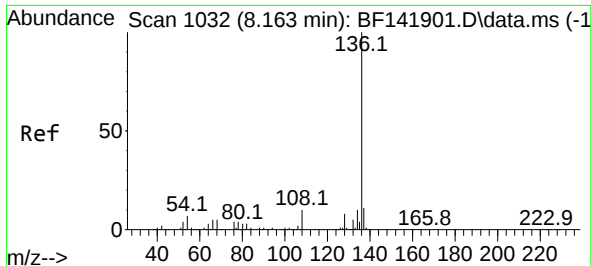
Tgt Ion:	70	Resp:	275937
Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.4	62.0
101	10.3	8.2	12.2
130	24.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 42.058 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

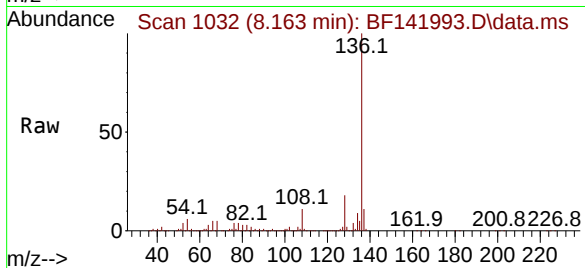
Tgt Ion:	107	Resp:	394412
Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.4	108.4
77	125.2	69.7	109.7#
79	32.1	11.4	51.4



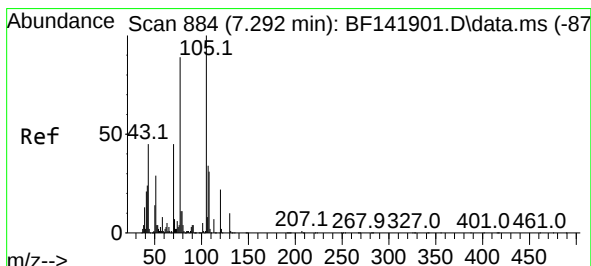
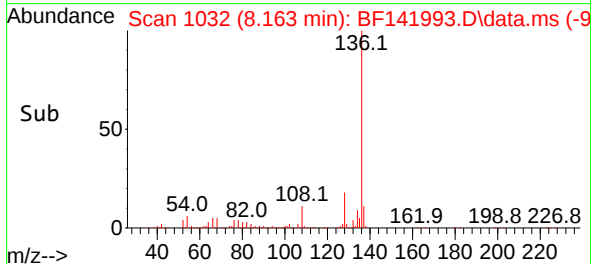
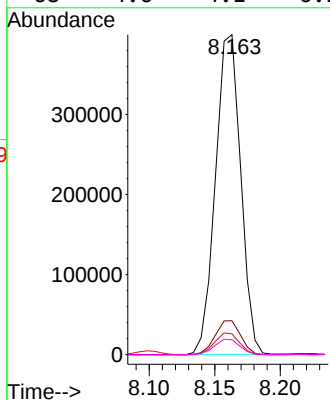


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

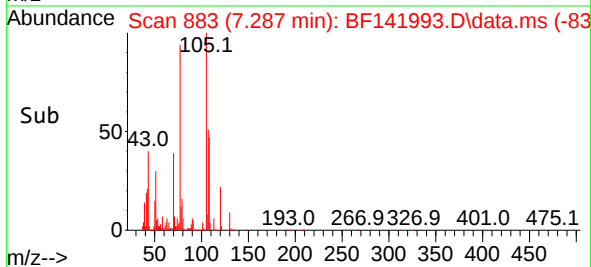
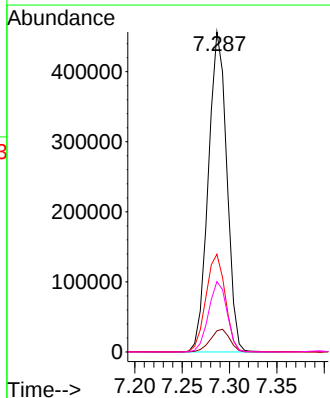
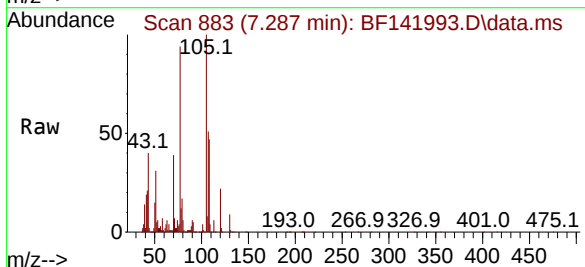


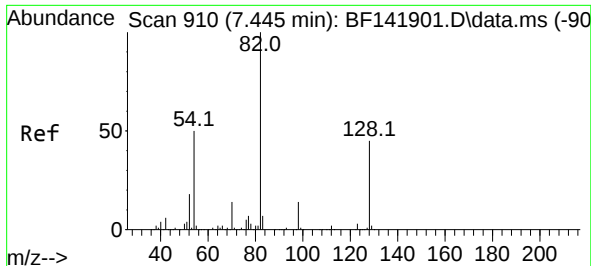
Tgt Ion:	136	Resp:	535417
Ion Ratio	100	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	6.5	5.8	8.8
68	4.6	4.1	6.1



#22
Acetophenone
Concen: 48.338 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:	105	Resp:	619784
Ion Ratio	100	Lower	Upper
105	100		
71	6.6	5.8	8.8
51	30.5	23.4	35.0
120	22.0	17.3	25.9





#23

Nitrobenzene-d5

Concen: 96.659 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

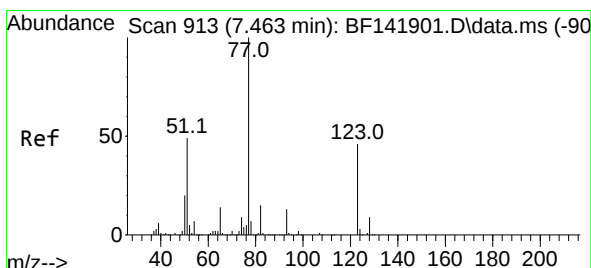
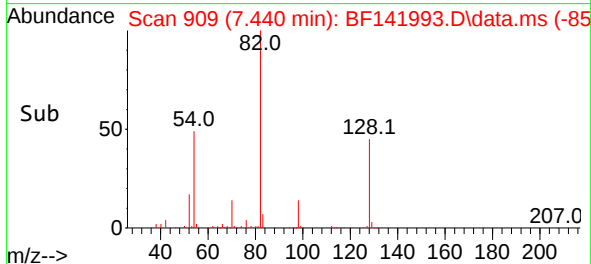
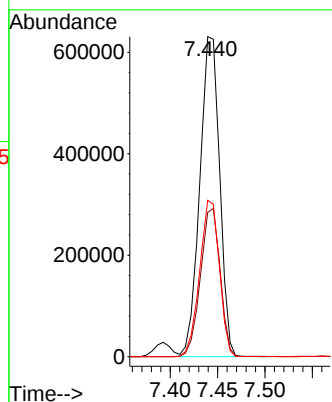
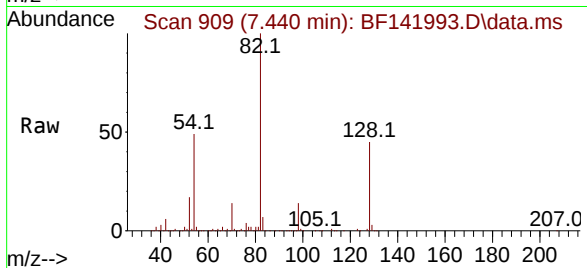
Tgt Ion: 82 Resp: 919626

Ion Ratio Lower Upper

82 100

128 45.1 36.0 54.0

54 48.8 39.6 59.4



#24

Nitrobenzene

Concen: 44.111 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

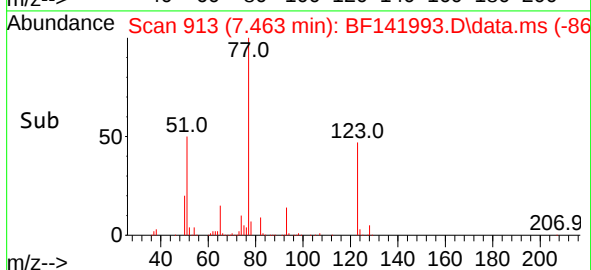
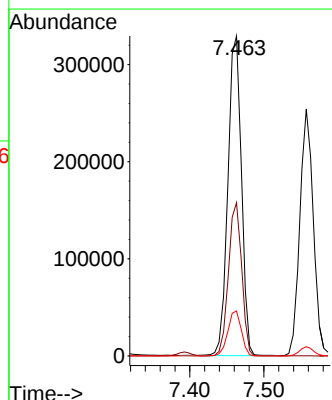
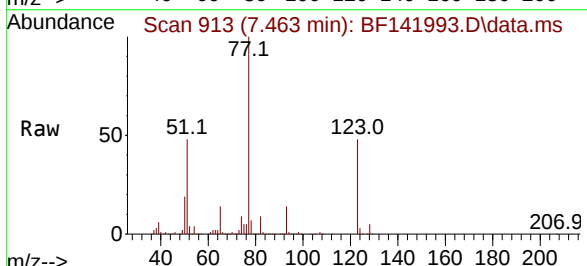
Tgt Ion: 77 Resp: 417210

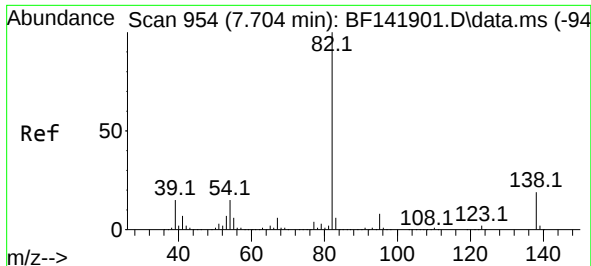
Ion Ratio Lower Upper

77 100

123 47.9 37.0 55.4

65 14.0 11.3 16.9

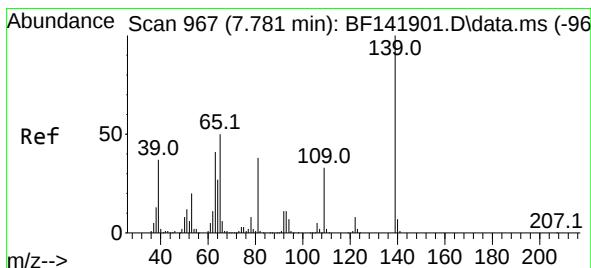
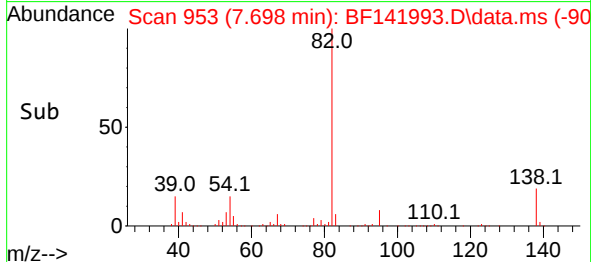
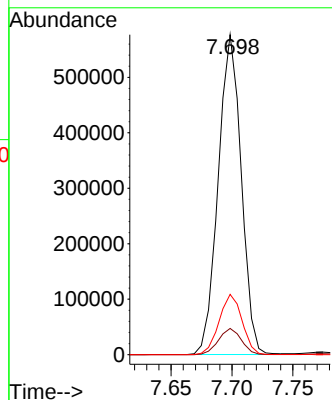
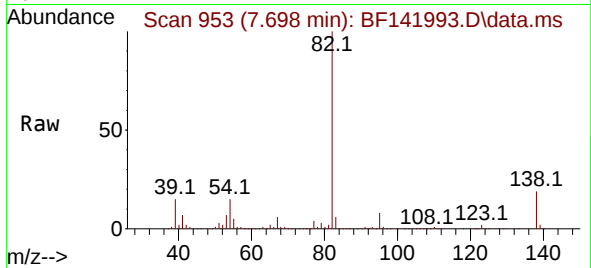




#25
Isophorone
Concen: 45.124 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

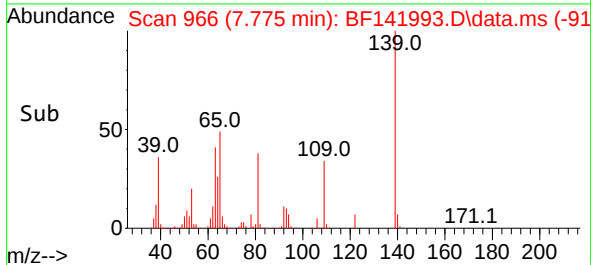
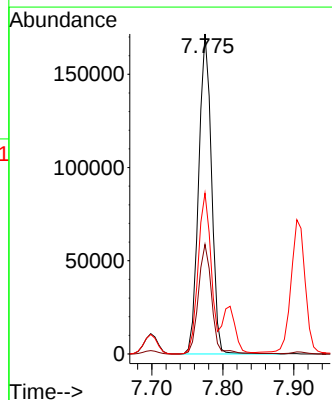
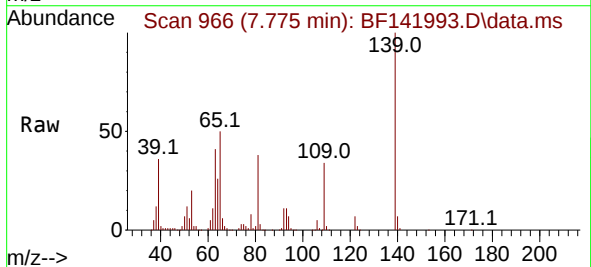
Instrument :
BNA_F
ClientSampleId :

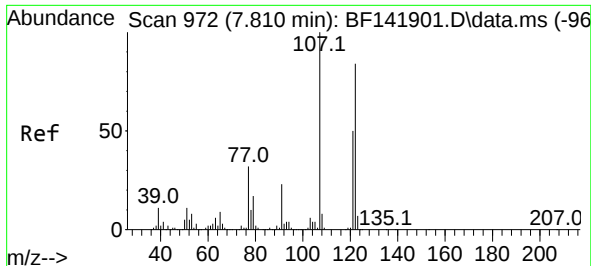
Tgt Ion: 82 Resp: 758880
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 46.608 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

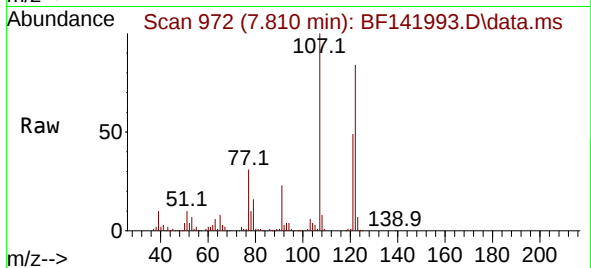
Tgt Ion:139 Resp: 216360
Ion Ratio Lower Upper
139 100
109 34.2 26.5 39.7
65 50.3 40.3 60.5



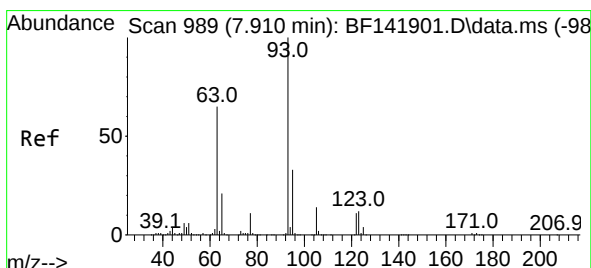
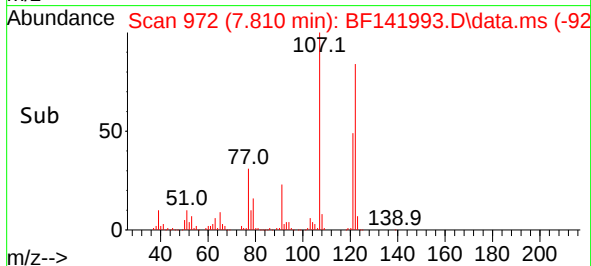
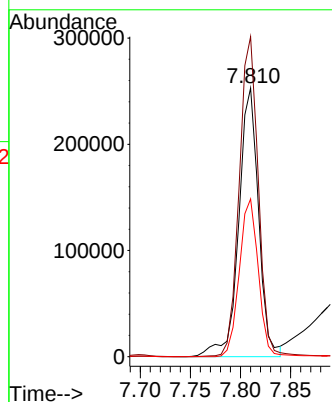


#27
2,4-Dimethylphenol
Concen: 54.671 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

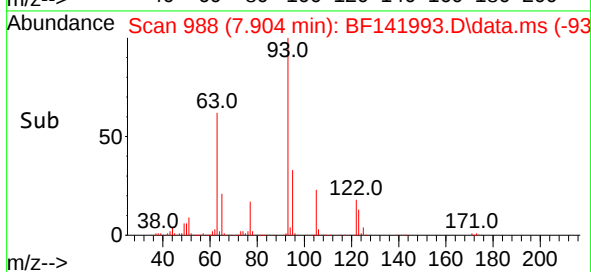
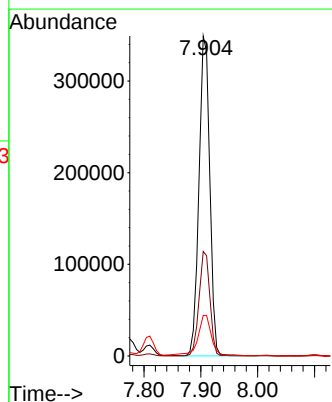
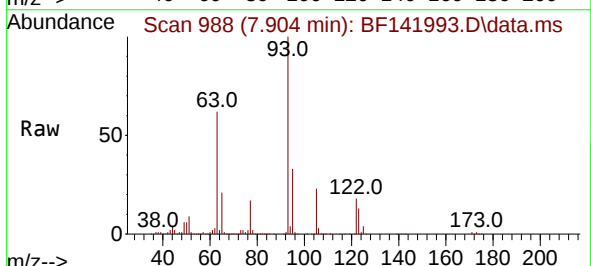


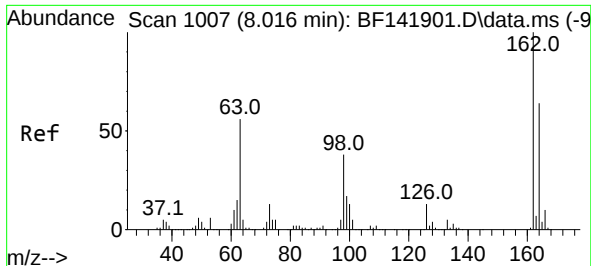
Tgt Ion:122 Resp: 349454
Ion Ratio Lower Upper
122 100
107 119.1 94.8 142.2
121 58.7 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 43.949 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion: 93 Resp: 463580
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.7 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 44.861 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

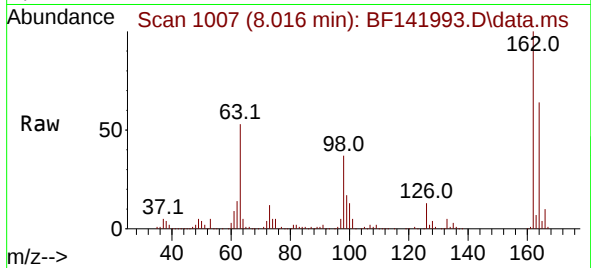
Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :



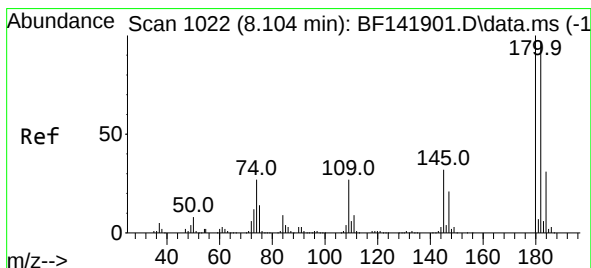
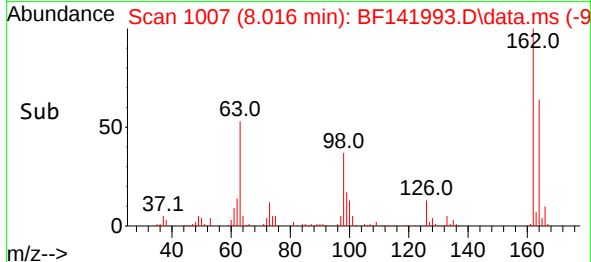
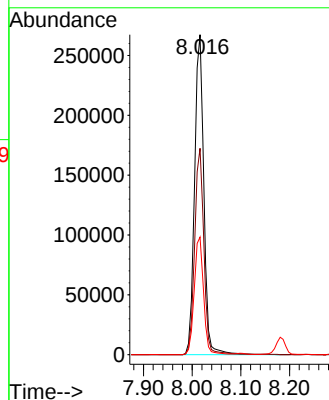
Tgt Ion:162 Resp: 355926

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 36.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 44.171 ng

RT: 8.098 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

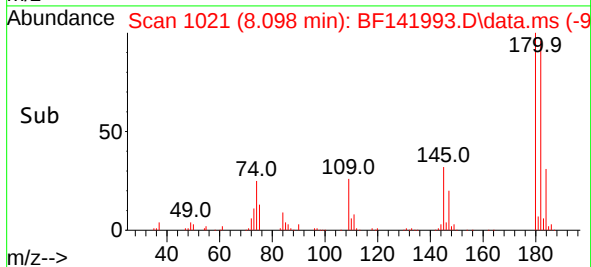
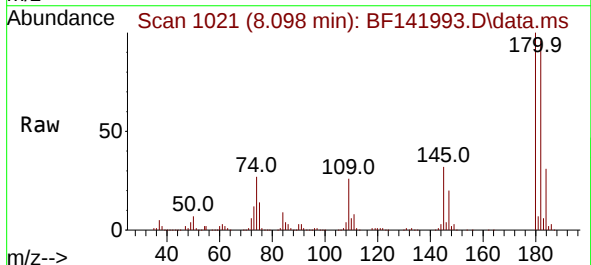
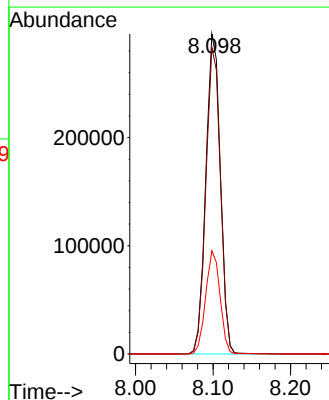
Tgt Ion:180 Resp: 386209

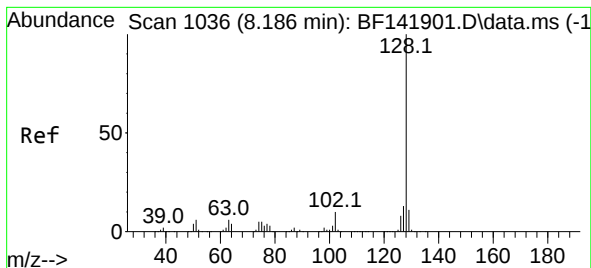
Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

145 32.2 25.8 38.6





#31

Naphthalene

Concen: 43.228 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

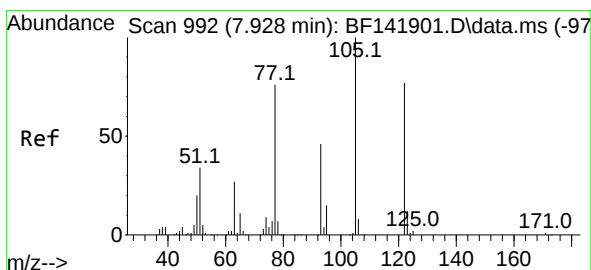
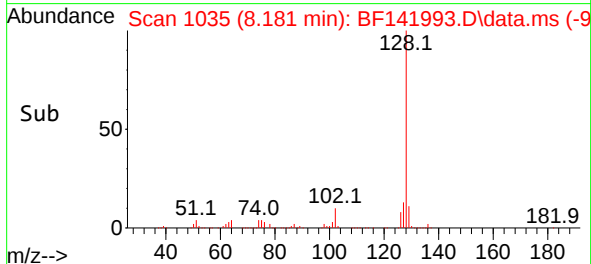
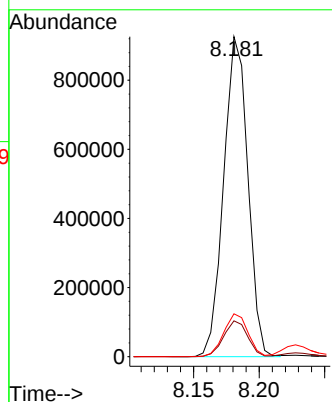
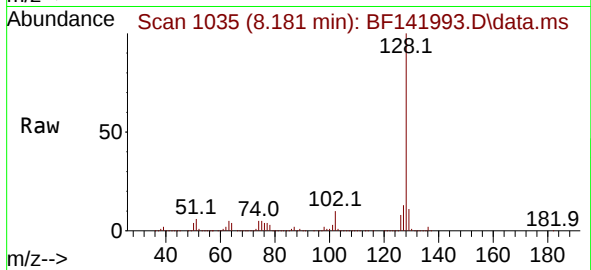
Tgt Ion:128 Resp: 1188930

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 45.110 ng

RT: 7.922 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

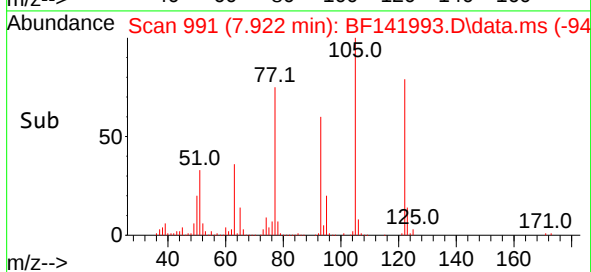
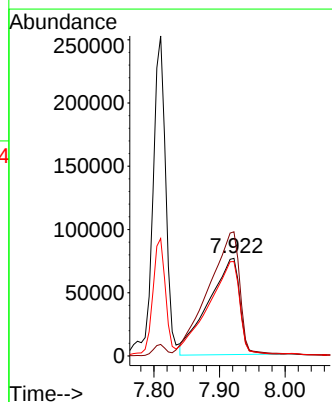
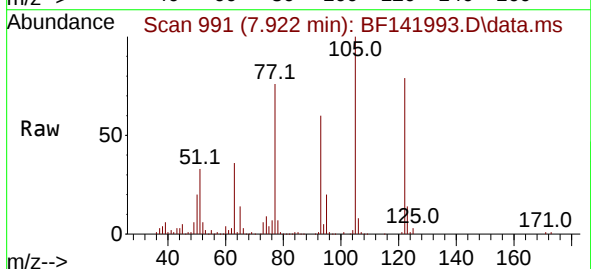
Tgt Ion:122 Resp: 253463

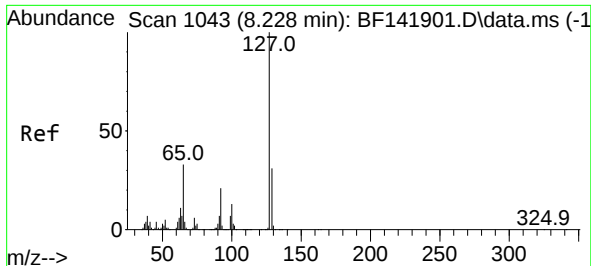
Ion Ratio Lower Upper

122 100

105 127.2 107.9 147.9

77 96.7 79.0 119.0

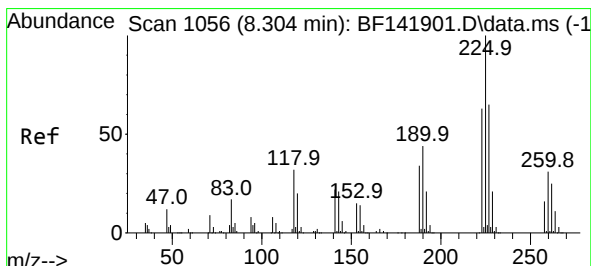
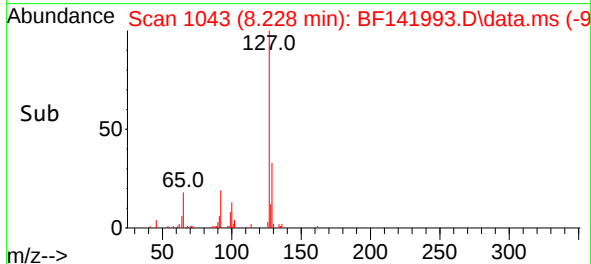
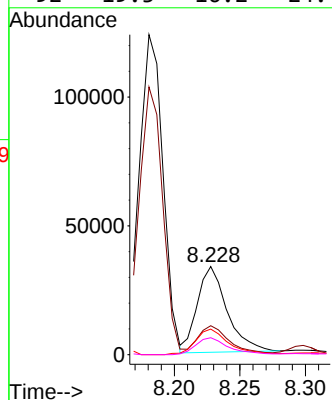
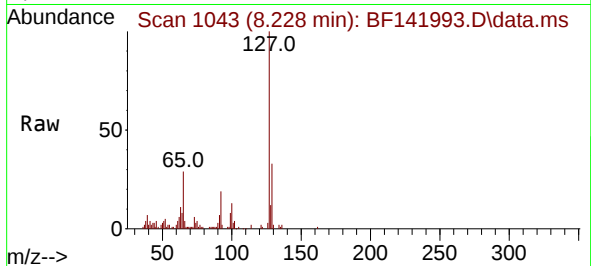




#33
4-Chloroaniline
Concen: 5.433 ng
RT: 8.228 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

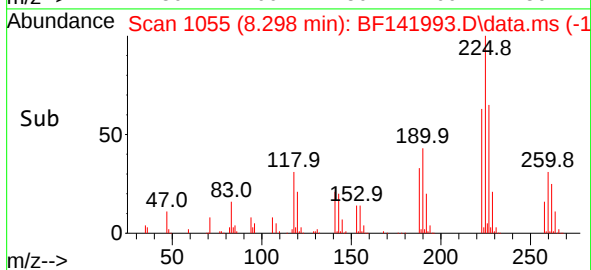
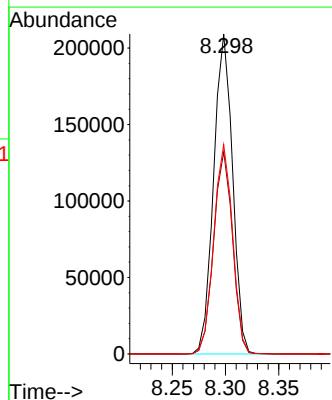
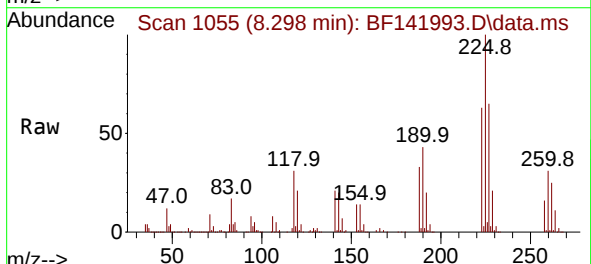
Instrument :
BNA_F
ClientSampleId :

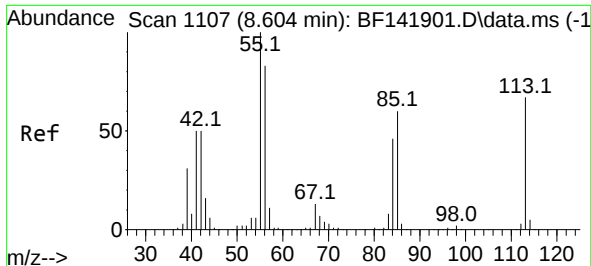
Tgt Ion:	127	Resp:	52746
Ion Ratio	Lower	Upper	
127	100		
129	32.9	26.2	39.4
65	29.1	25.4	38.2
92	19.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 45.189 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:	225	Resp:	257669
Ion Ratio	Lower	Upper	
225	100		
223	63.2	50.6	75.8
227	65.4	52.2	78.2

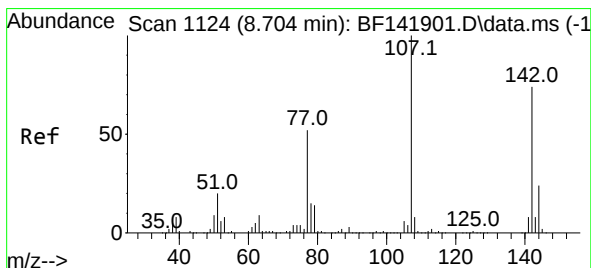
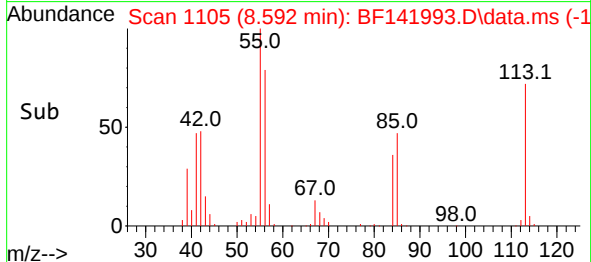
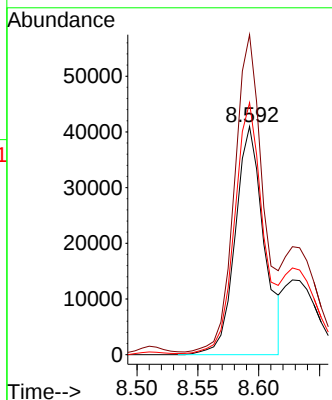
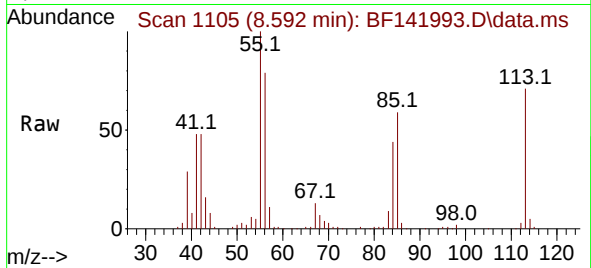




#35
 Caprolactam
 Concen: 27.651 ng
 RT: 8.592 min Scan# 1105
 Delta R.T. -0.012 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

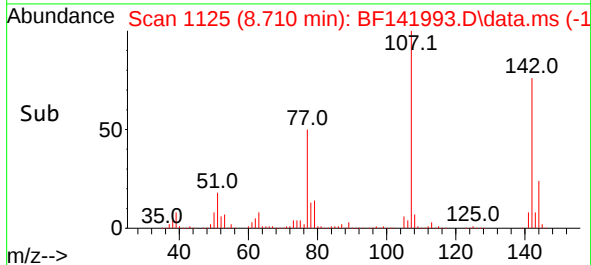
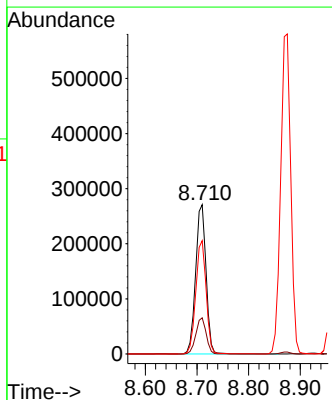
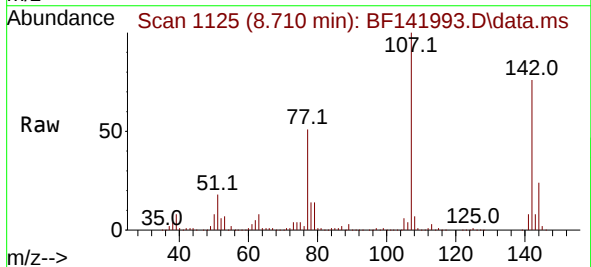
Instrument :
 BNA_F
 ClientSampleId :

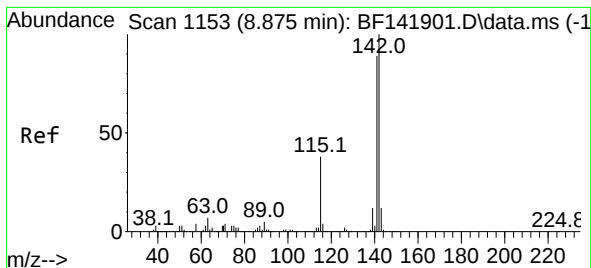
Tgt Ion:113 Resp: 66884
 Ion Ratio Lower Upper
 113 100
 55 140.3 129.6 169.6
 56 110.5 104.0 144.0



#36
 4-Chloro-3-methylphenol
 Concen: 42.865 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

Tgt Ion:107 Resp: 379366
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.0 28.6
 142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 42.696 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

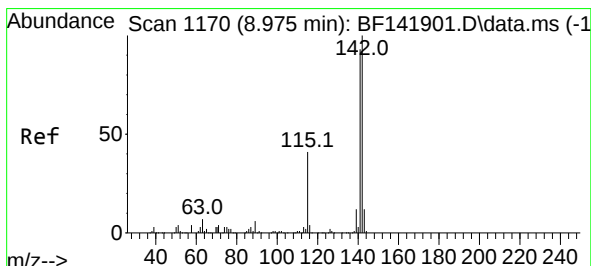
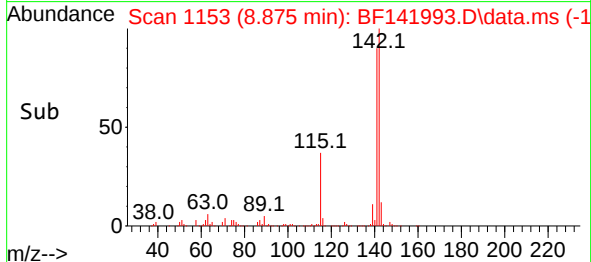
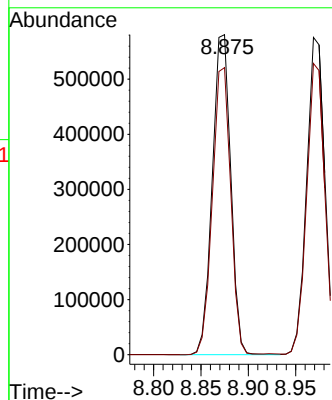
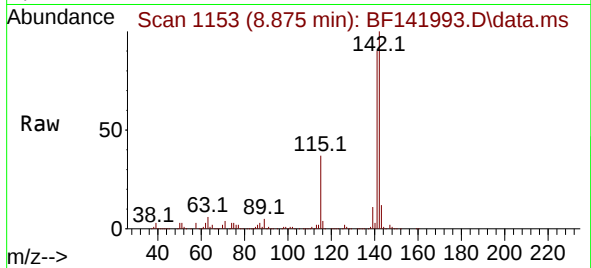
ClientSampleId :

Tgt Ion:142 Resp: 784913

Ion Ratio Lower Upper

142 100

141 89.7 71.2 106.8



#38

1-Methylnaphthalene

Concen: 42.894 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF141993.D

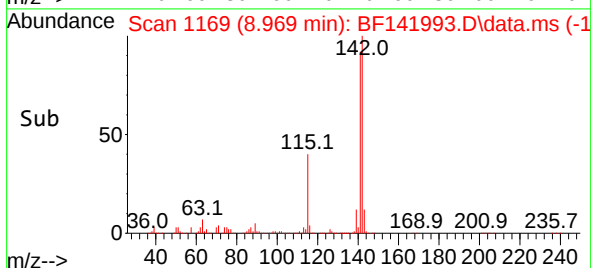
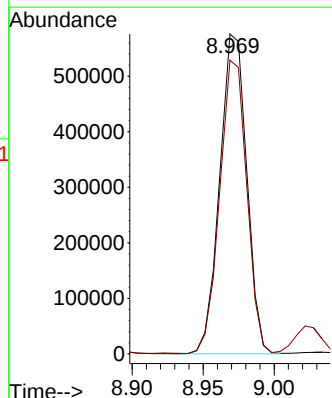
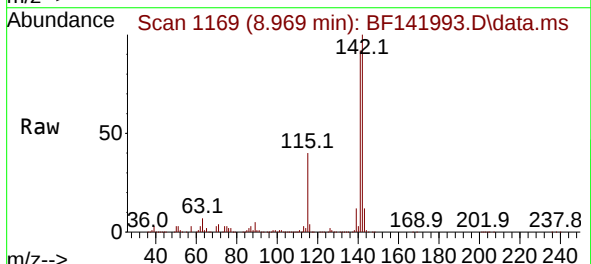
Acq: 18 Mar 2025 13:31

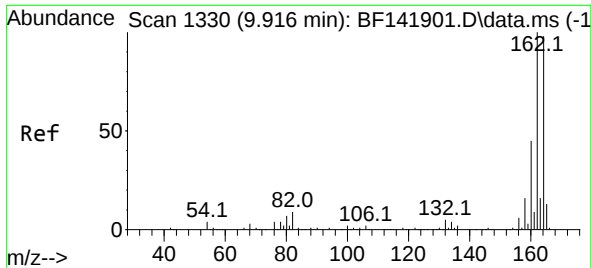
Tgt Ion:142 Resp: 760948

Ion Ratio Lower Upper

142 100

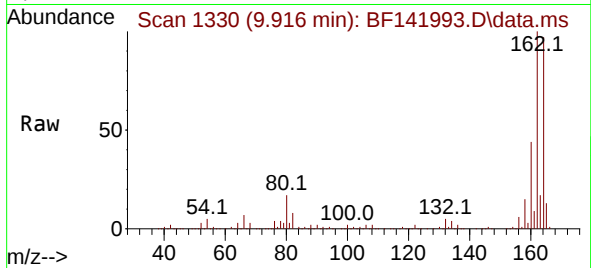
141 91.8 74.2 111.4



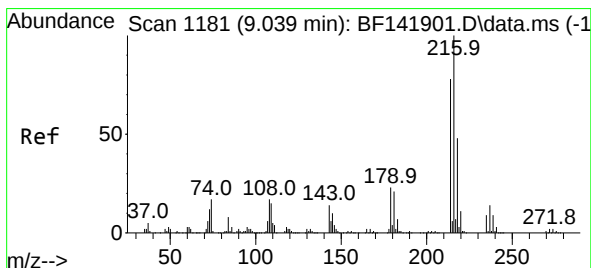
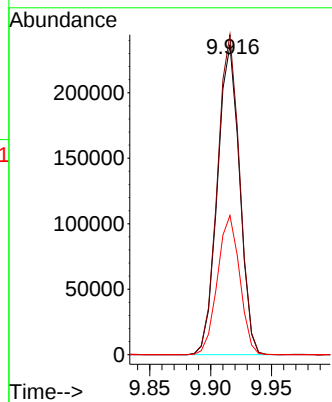
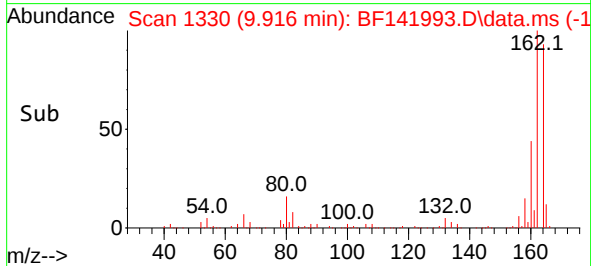


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

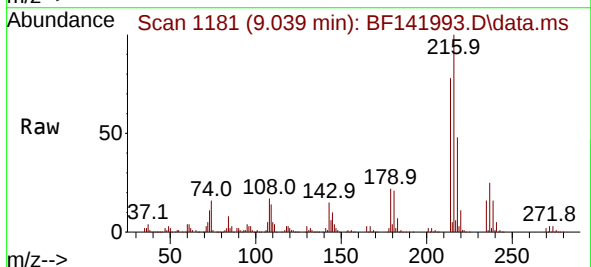
Instrument :
BNA_F
ClientSampleId :



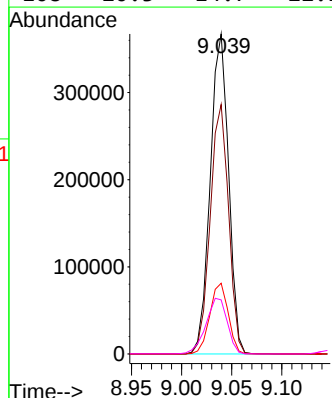
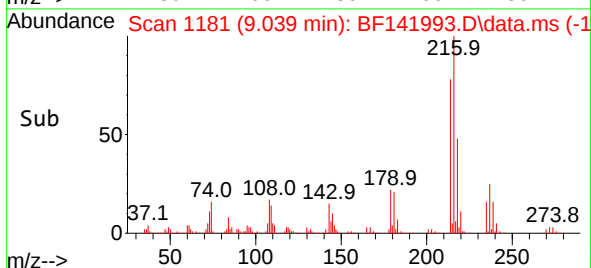
Tgt Ion:164 Resp: 298567
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 45.0 36.7 55.1

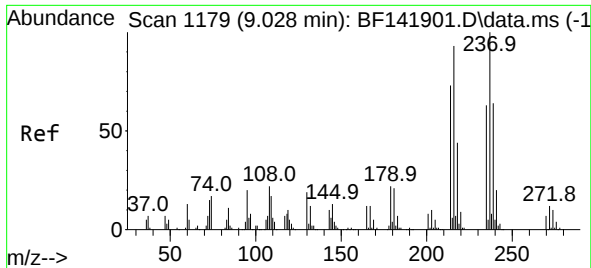


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.303 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



Tgt Ion:216 Resp: 466352
Ion Ratio Lower Upper
216 100
214 78.2 61.9 92.9
179 22.2 18.1 27.1
108 20.3 14.7 22.1

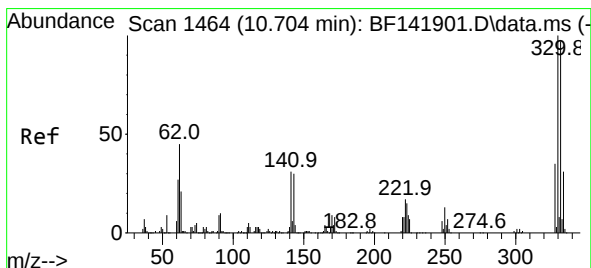
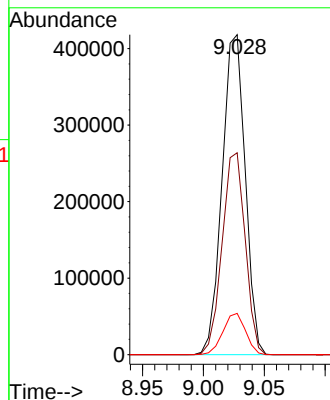
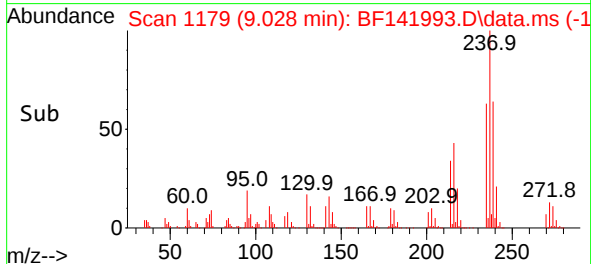
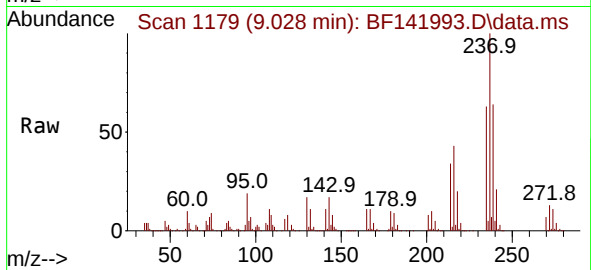




#41
Hexachlorocyclopentadiene
Concen: 155.263 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

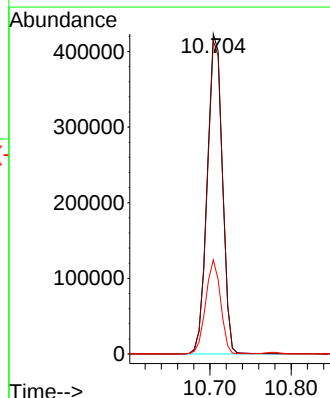
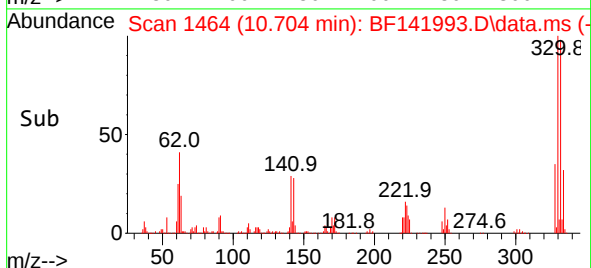
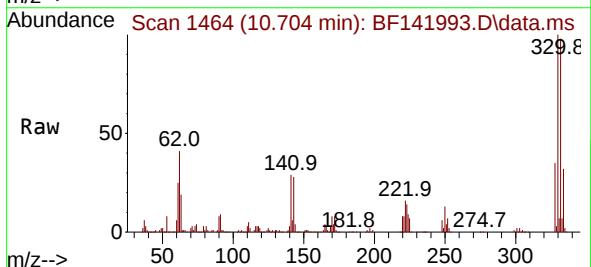
Instrument :
BNA_F
ClientSampleId :

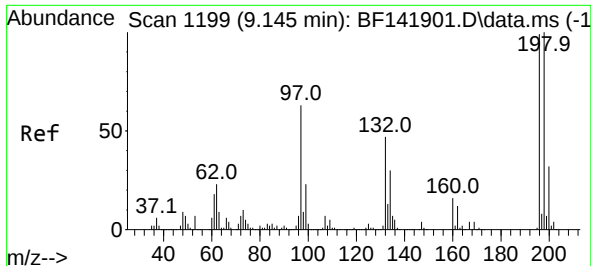
Tgt Ion:237 Resp: 552351
Ion Ratio Lower Upper
237 100
235 63.1 43.1 83.1
272 12.9 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 144.553 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:330 Resp: 547526
Ion Ratio Lower Upper
330 100
332 98.3 77.6 116.4
141 29.0 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 45.658 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

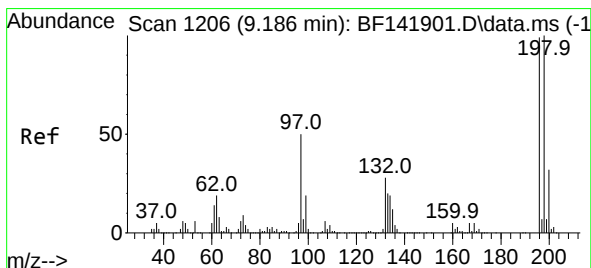
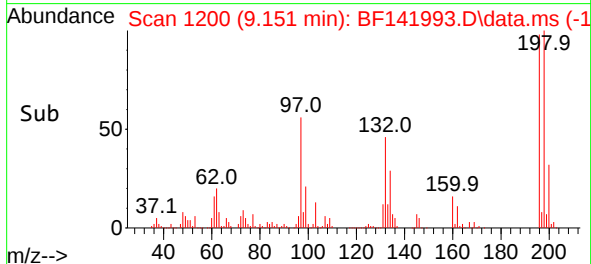
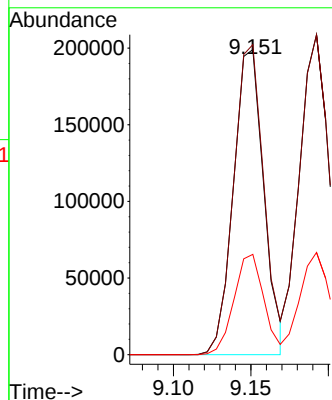
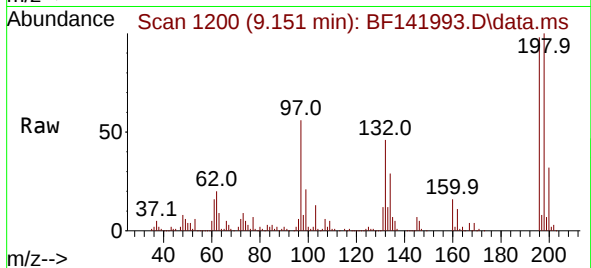
Tgt Ion:196 Resp: 271244

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

200 32.9 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 46.754 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Tgt Ion:196 Resp: 281314

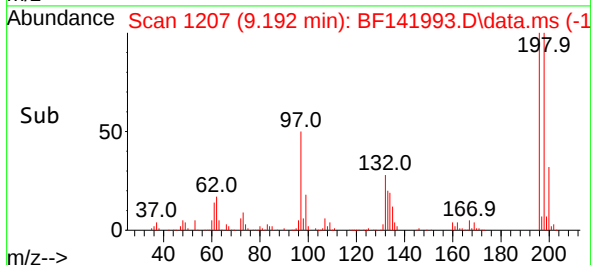
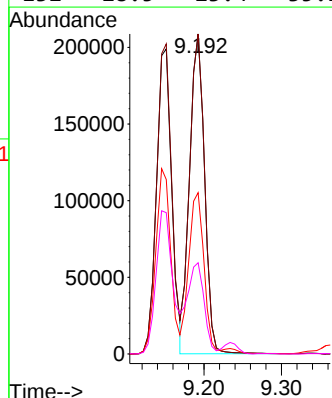
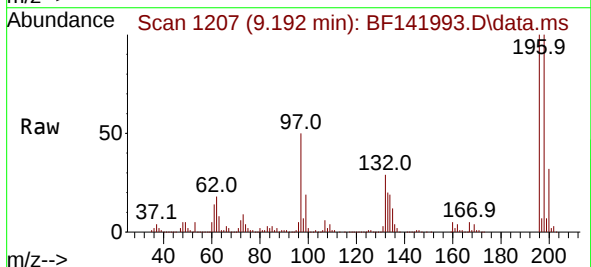
Ion Ratio Lower Upper

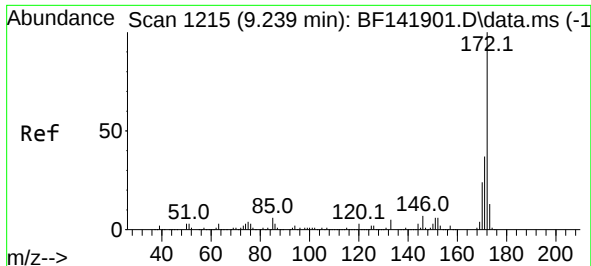
196 100

198 100.0 80.7 121.1

97 50.4 42.1 63.1

132 28.5 23.4 35.2

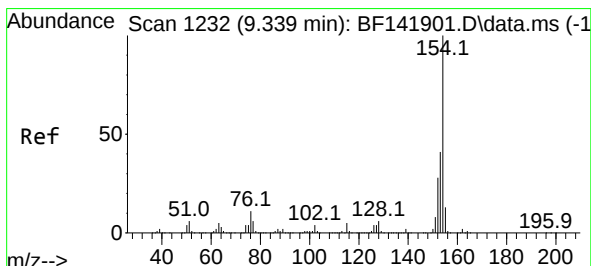
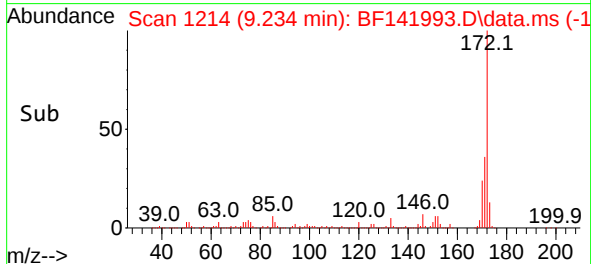
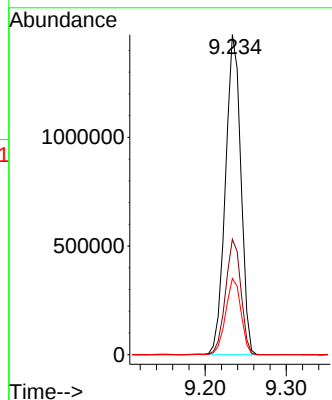
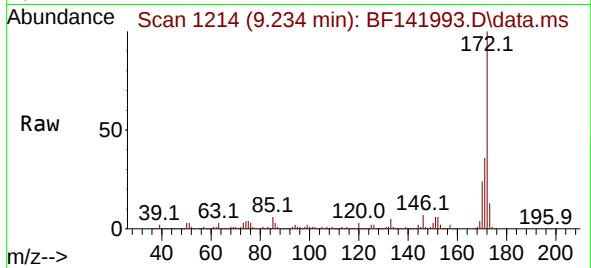




#45
2-Fluorobiphenyl
Concen: 99.221 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

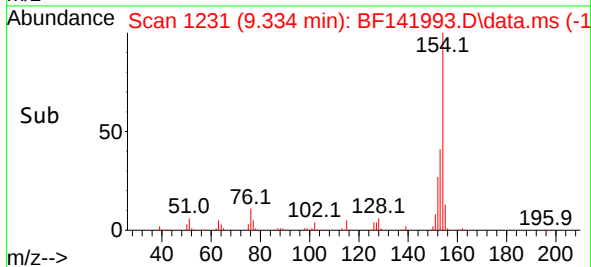
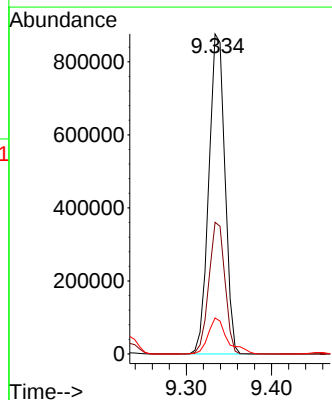
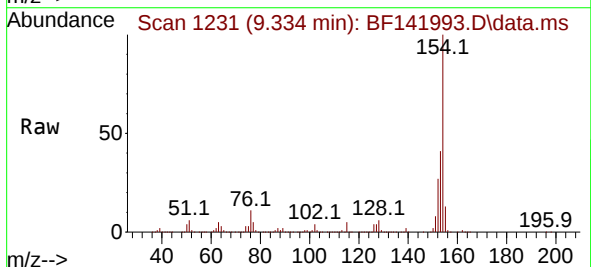
Instrument :
BNA_F
ClientSampleId :

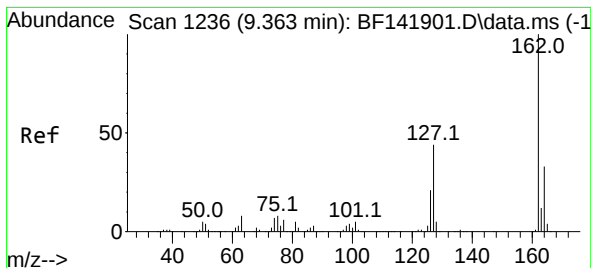
Tgt Ion:172 Resp: 1947912
Ion Ratio Lower Upper
172 100
171 36.1 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 50.590 ng
RT: 9.334 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:154 Resp: 1147658
Ion Ratio Lower Upper
154 100
153 41.1 21.1 61.1
76 11.2 0.0 31.3





#47

2-Chloronaphthalene

Concen: 45.937 ng

RT: 9.363 min Scan# 1

Delta R.T. 0.000 min

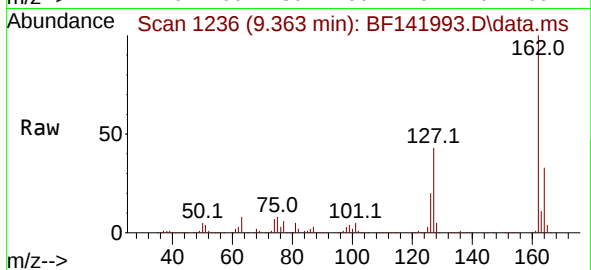
Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :



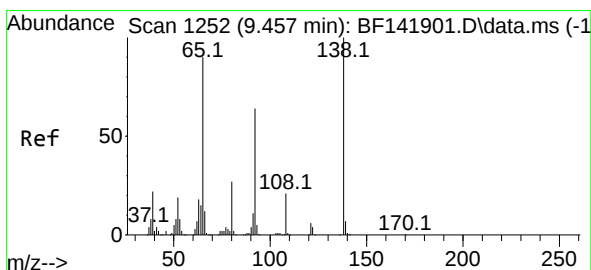
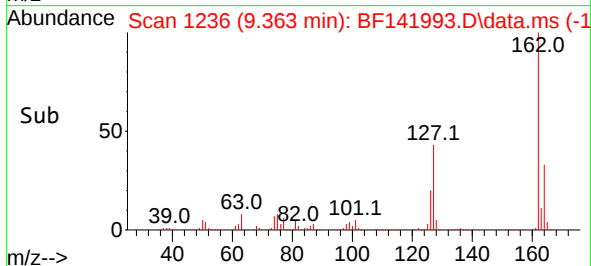
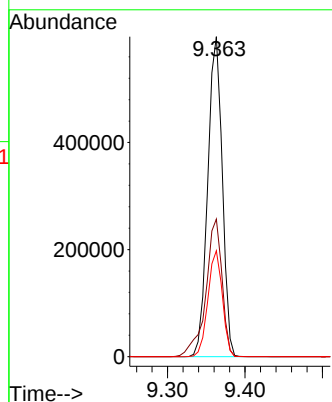
Tgt Ion:162 Resp: 776730

Ion Ratio Lower Upper

162 100

127 43.0 35.5 53.3

164 33.1 26.6 40.0



#48

2-Nitroaniline

Concen: 44.355 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

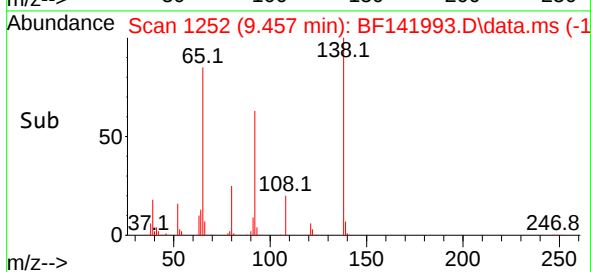
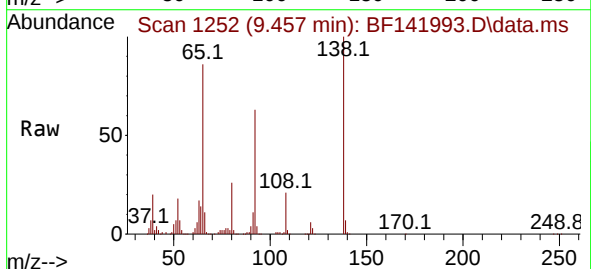
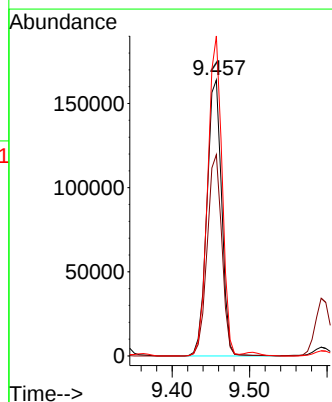
Tgt Ion: 65 Resp: 217153

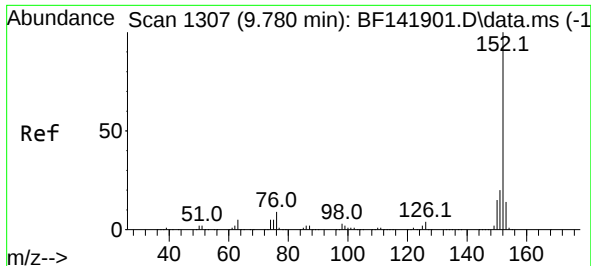
Ion Ratio Lower Upper

65 100

92 72.9 56.6 84.8

138 116.0 88.6 133.0





#49

Acenaphthylene

Concen: 47.721 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

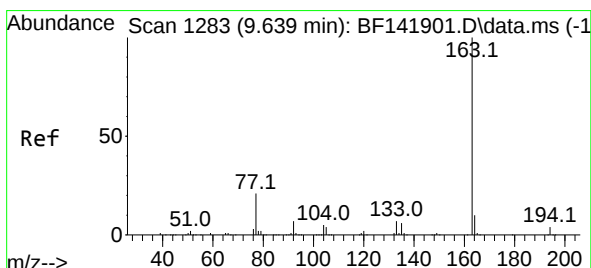
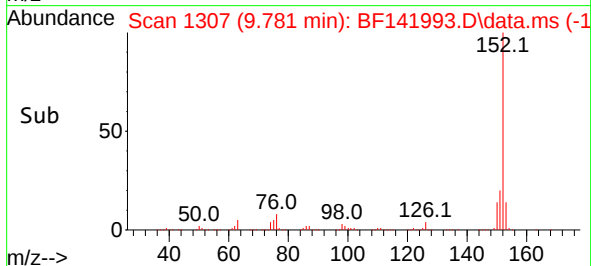
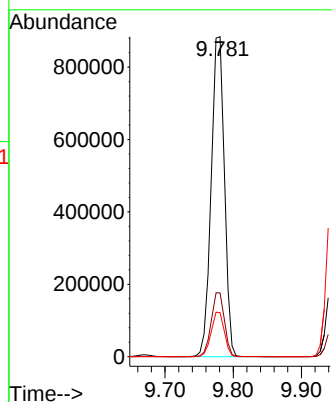
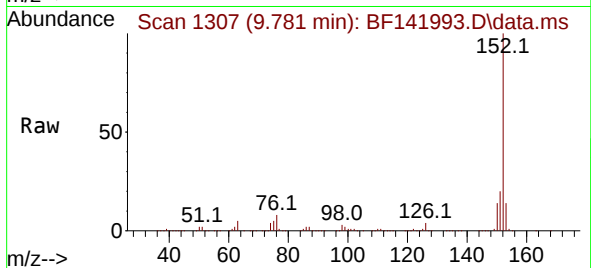
Tgt Ion:152 Resp: 1197410

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

153 13.8 11.1 16.7



#50

Dimethylphthalate

Concen: 44.238 ng

RT: 9.634 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

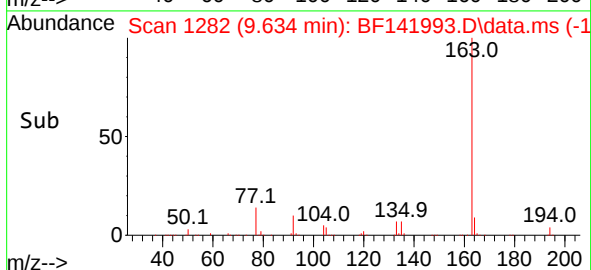
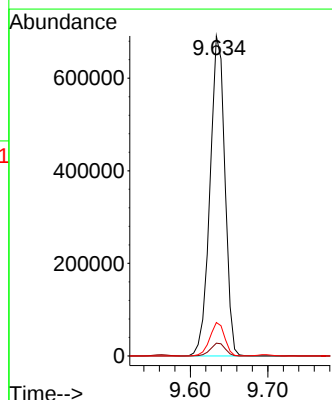
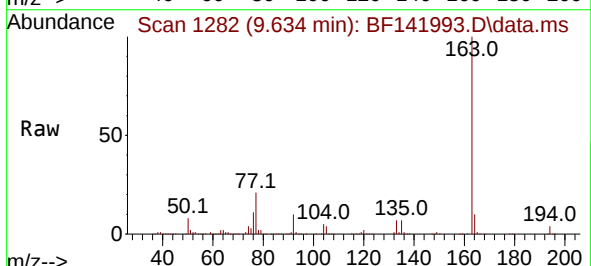
Tgt Ion:163 Resp: 924934

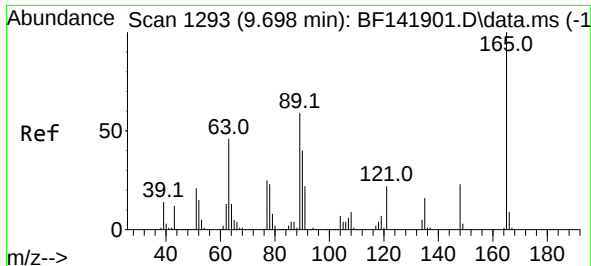
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4

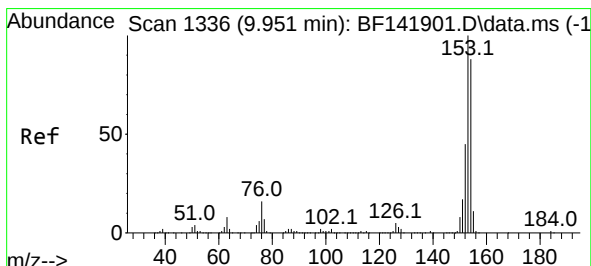
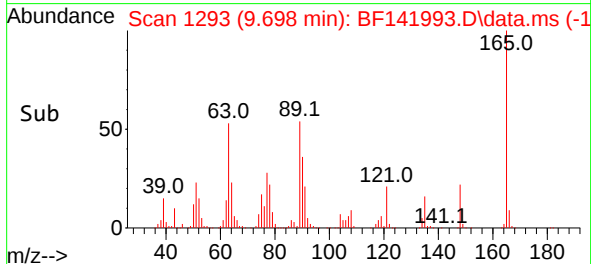
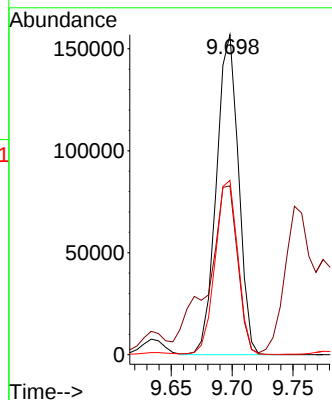
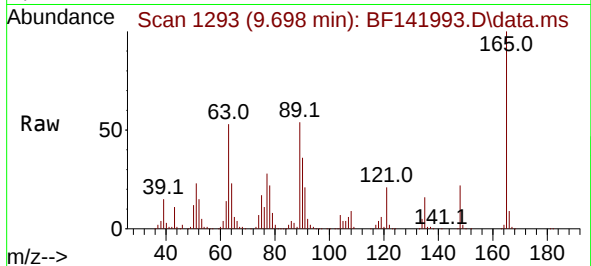




#51
2,6-Dinitrotoluene
Concen: 45.578 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

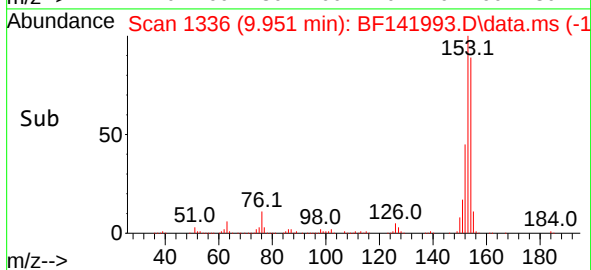
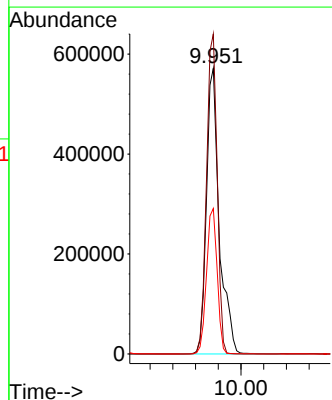
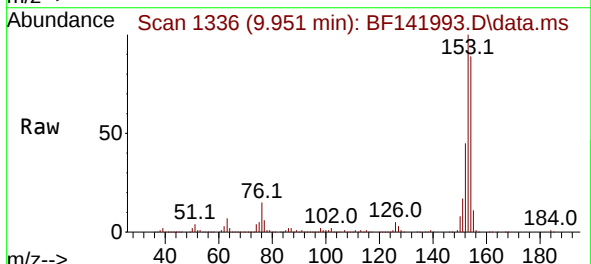
Instrument :
BNA_F
ClientSampleId :

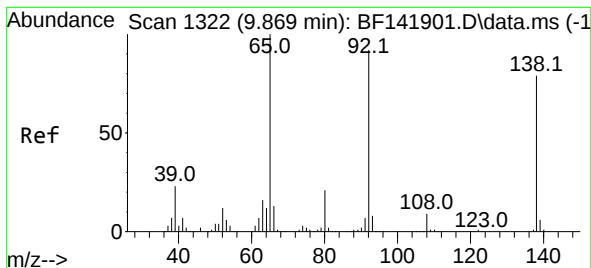
Tgt Ion:165 Resp: 198413
Ion Ratio Lower Upper
165 100
63 52.8 47.0 70.4
89 54.5 47.4 71.2



#52
Acenaphthene
Concen: 50.651 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:154 Resp: 893147
Ion Ratio Lower Upper
154 100
153 112.0 90.7 136.1
152 50.9 41.1 61.7





#53

3-Nitroaniline

Concen: 12.160 ng

RT: 9.863 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

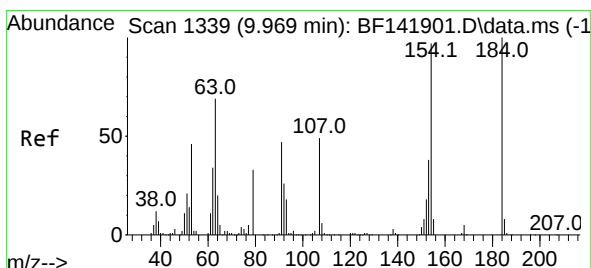
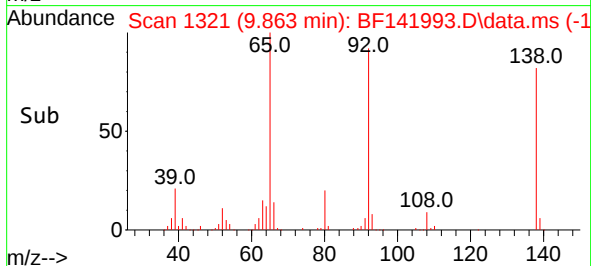
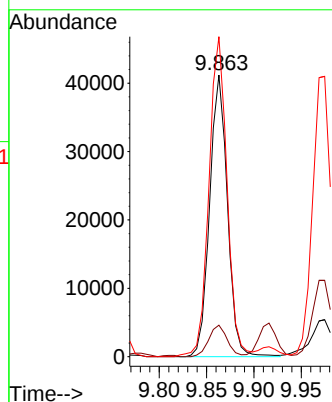
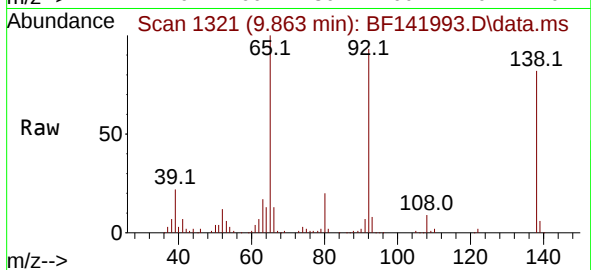
Tgt Ion:138 Resp: 53697

Ion Ratio Lower Upper

138 100

108 11.2 9.3 13.9

92 113.6 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 92.501 ng

RT: 9.975 min Scan# 1340

Delta R.T. 0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

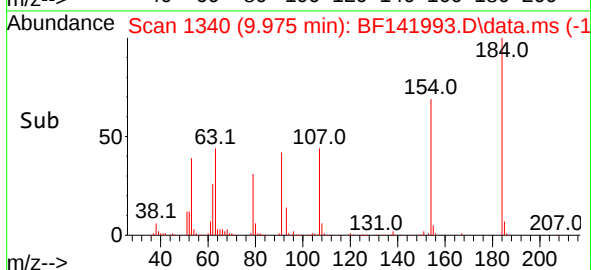
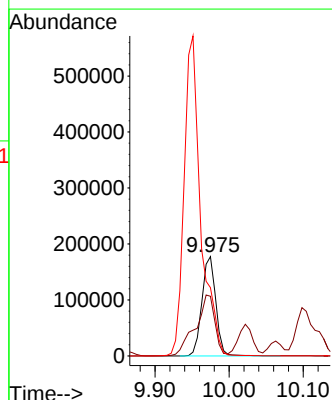
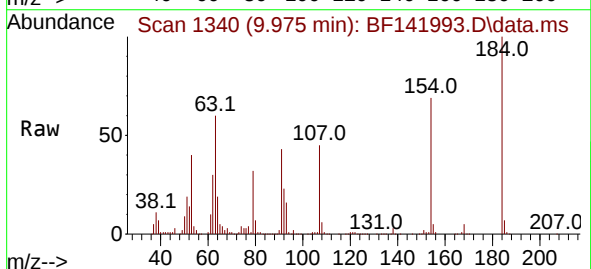
Tgt Ion:184 Resp: 231559

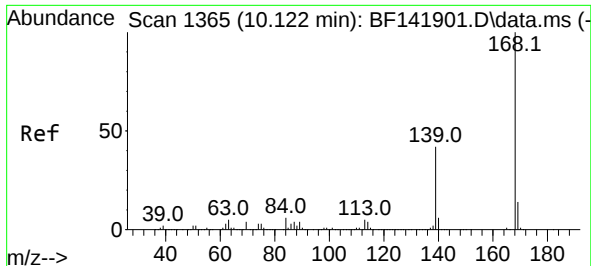
Ion Ratio Lower Upper

184 100

63 60.0 60.2 90.4#

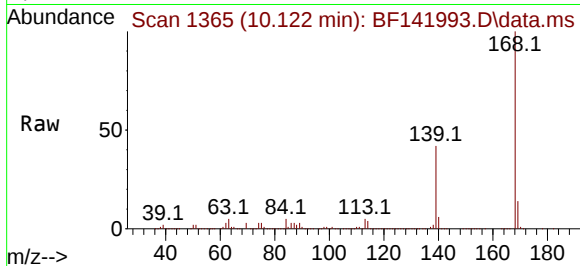
154 68.8 132.9 199.3#



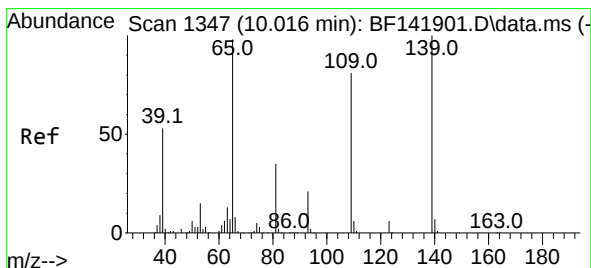
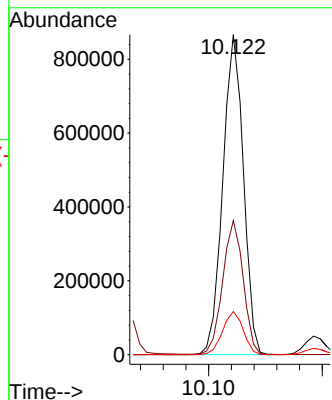
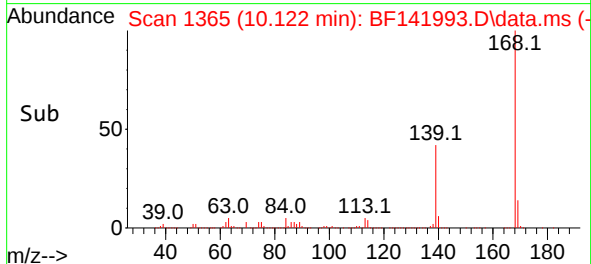


#55
Dibenzofuran
Concen: 43.274 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

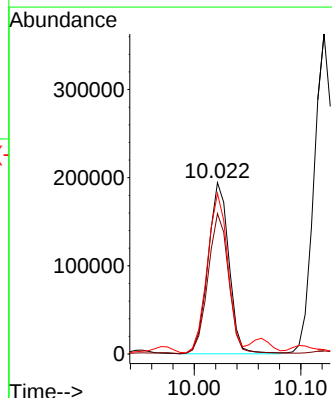
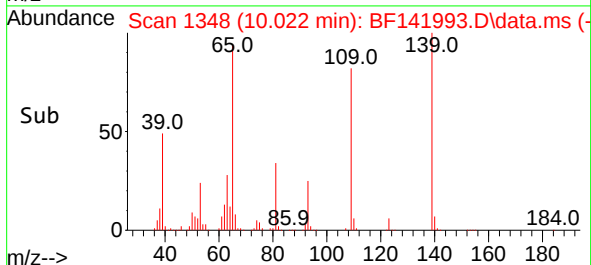
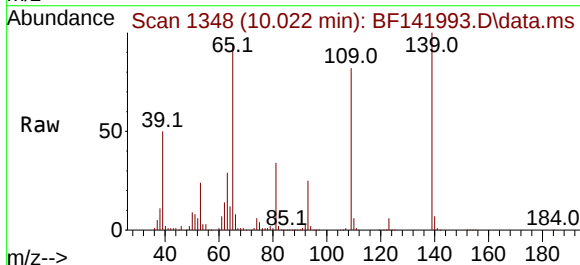


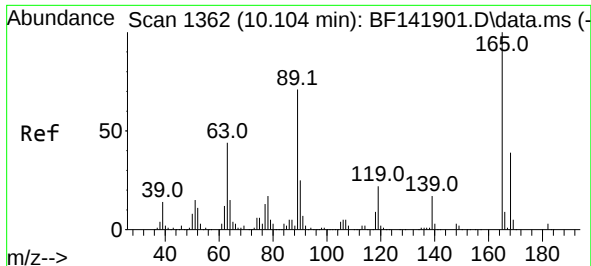
Tgt Ion:168 Resp: 1090329
Ion Ratio Lower Upper
168 100
139 41.9 33.9 50.9
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 79.177 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

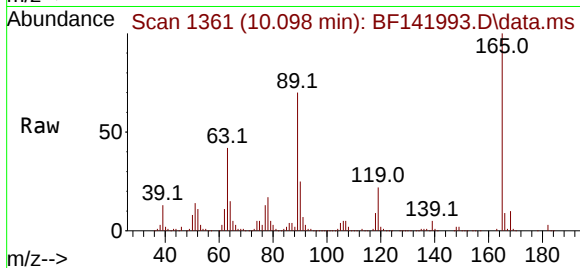
Tgt Ion:139 Resp: 263665
Ion Ratio Lower Upper
139 100
109 81.9 61.6 101.6
65 93.8 79.4 119.4



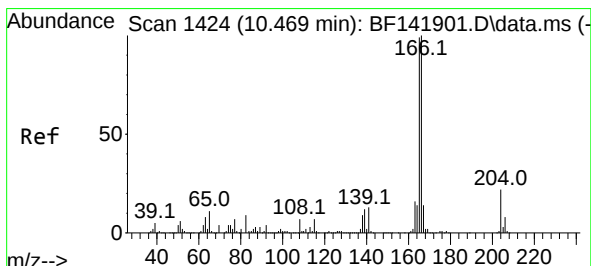
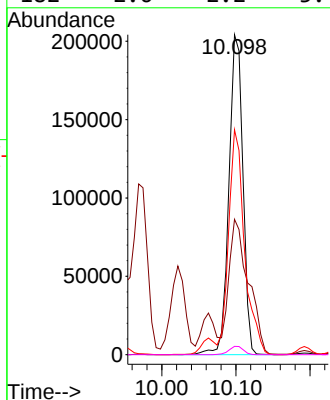
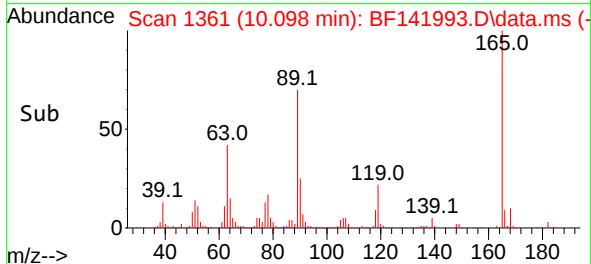


#57
2,4-Dinitrotoluene
Concen: 47.015 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

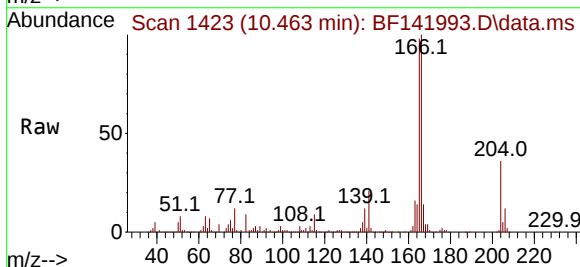
Instrument :
BNA_F
ClientSampleId :



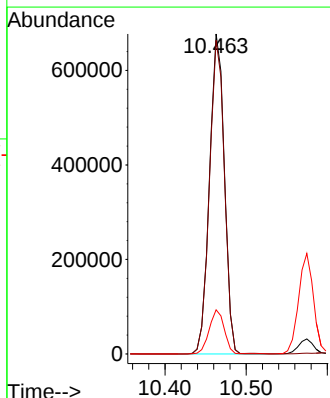
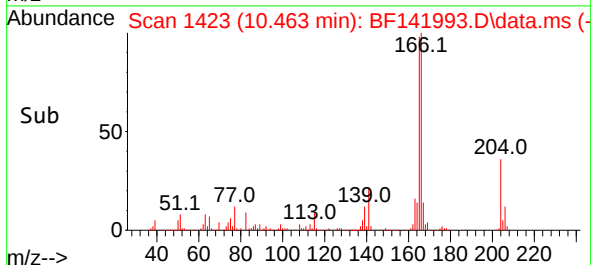
Tgt Ion:165 Resp: 267316
Ion Ratio Lower Upper
165 100
63 42.3 35.4 53.2
89 70.3 56.6 84.8
182 2.6 2.2 3.4

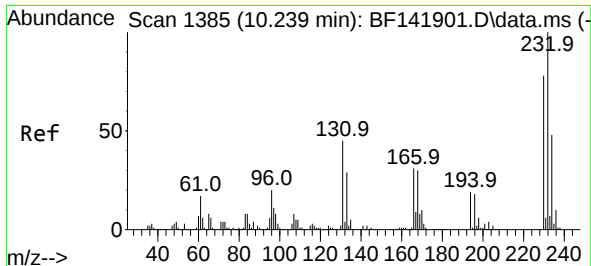


#58
Fluorene
Concen: 44.339 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



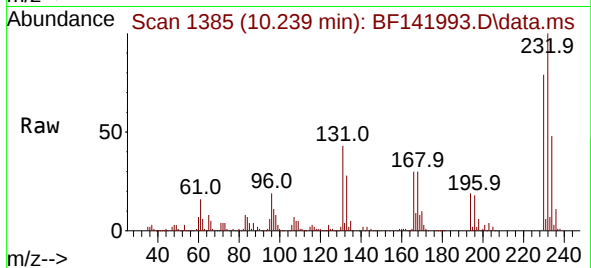
Tgt Ion:166 Resp: 861532
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.8 11.0 16.4



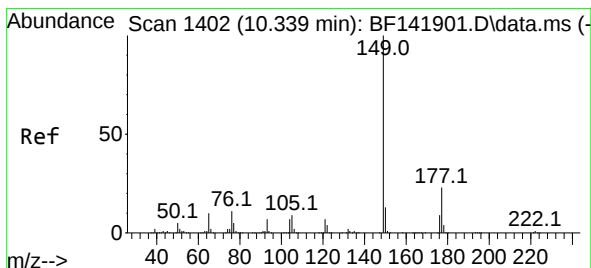
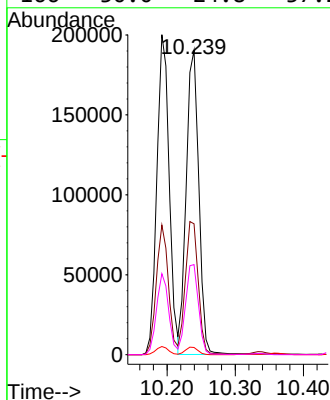
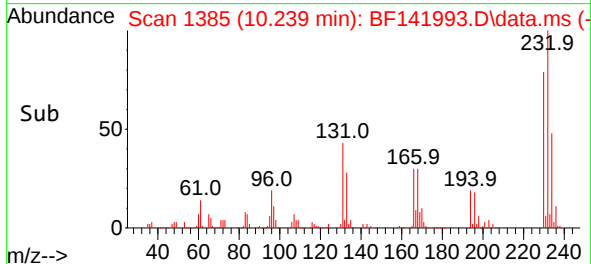


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.233 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

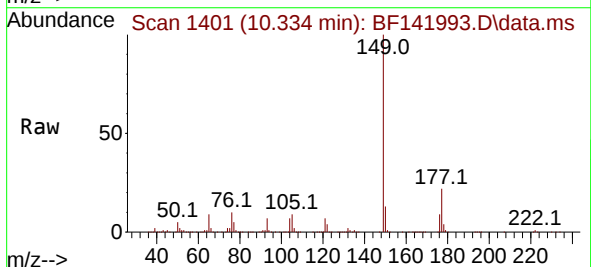
Instrument :
BNA_F
ClientSampleId :



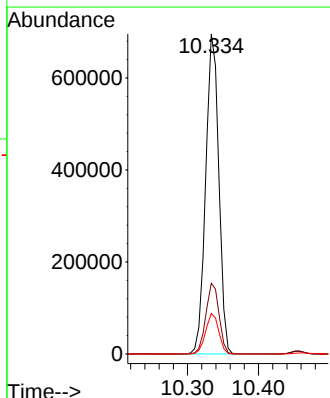
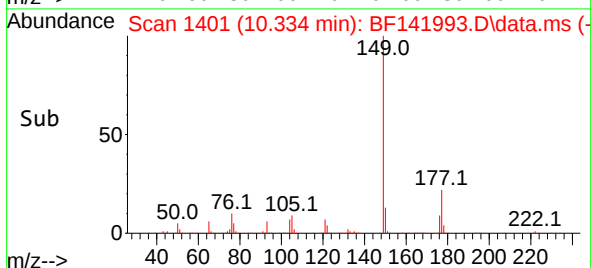
Tgt Ion:232 Resp: 242183
Ion Ratio Lower Upper
232 100
131 44.6 37.3 55.9
130 2.5 1.9 2.9
166 30.0 24.8 37.2

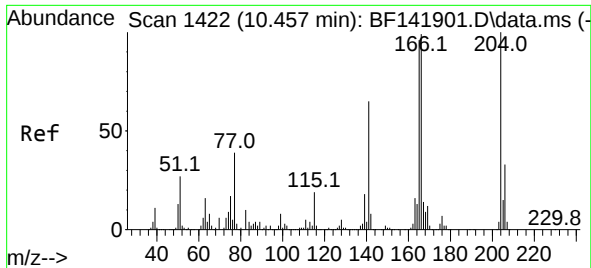


#60
Diethylphthalate
Concen: 42.892 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



Tgt Ion:149 Resp: 894203
Ion Ratio Lower Upper
149 100
177 22.1 18.0 27.0
150 12.6 10.2 15.4

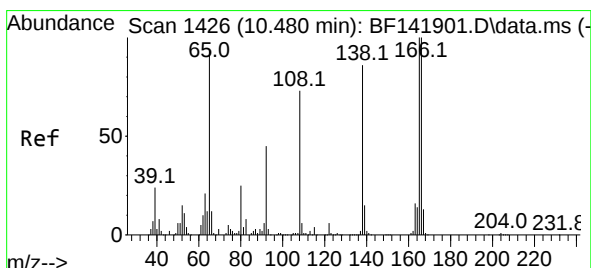
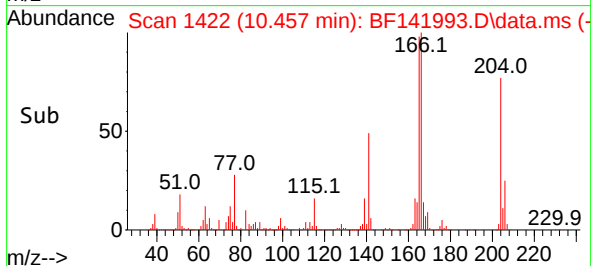
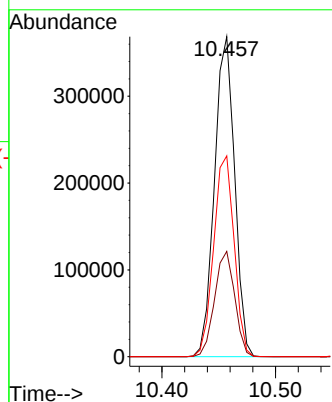
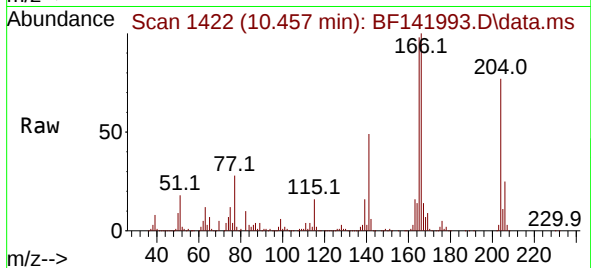




#61
4-Chlorophenyl-phenylether
Concen: 44.899 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

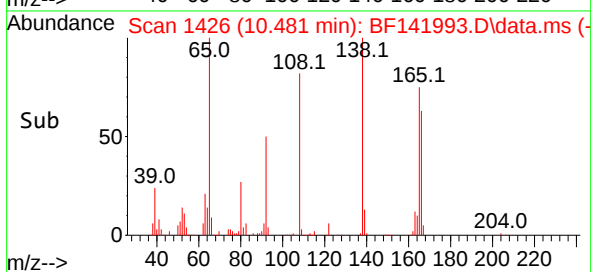
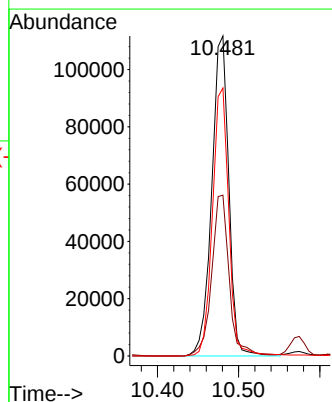
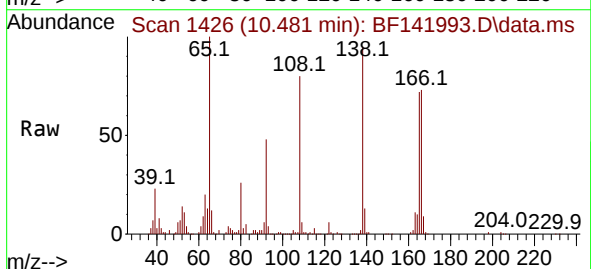
Instrument :
BNA_F
ClientSampleId :

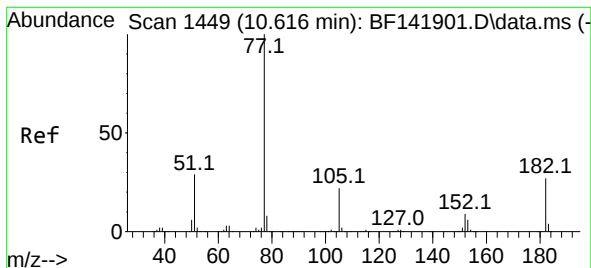
Tgt Ion:204 Resp: 454829
Ion Ratio Lower Upper
204 100
206 32.9 26.8 40.2
141 62.7 52.4 78.6



#62
4-Nitroaniline
Concen: 37.858 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:138 Resp: 162752
Ion Ratio Lower Upper
138 100
92 50.3 32.6 72.6
108 83.8 65.0 105.0

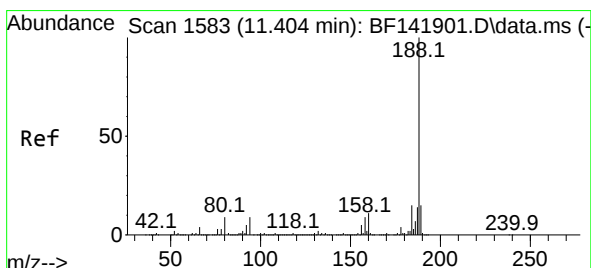
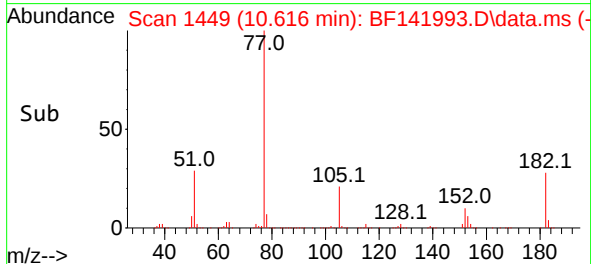
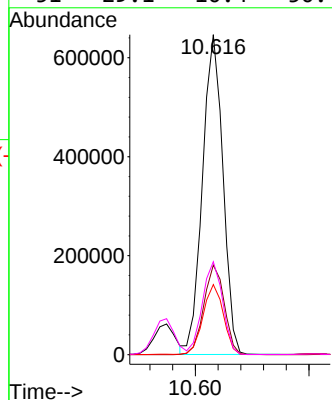
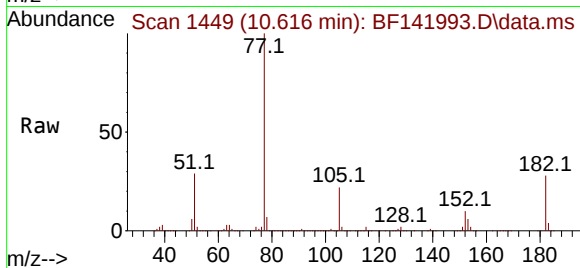




#63
Azobenzene
Concen: 41.682 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

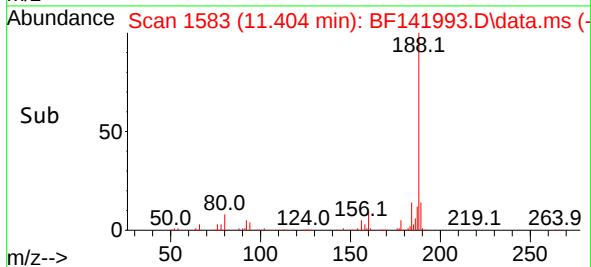
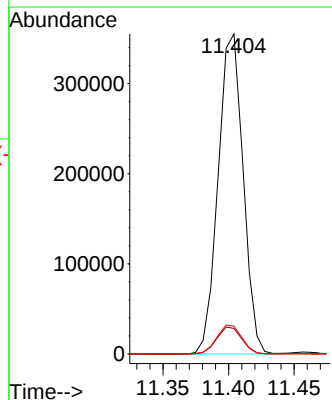
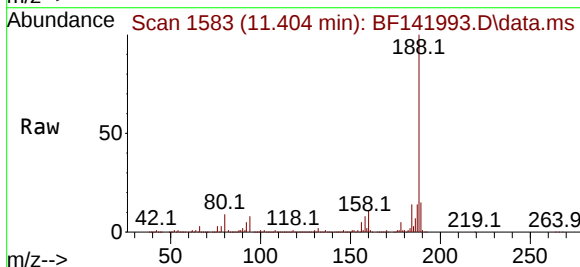
Instrument :
BNA_F
ClientSampleId :

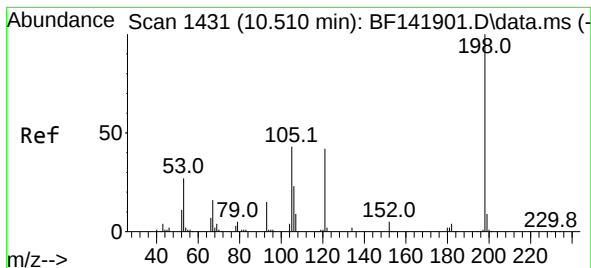
Tgt Ion: 77 Resp: 807900
Ion Ratio Lower Upper
77 100
182 28.0 6.6 46.6
105 21.9 1.3 41.3
51 29.1 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:188 Resp: 470466
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.7 7.6 11.4

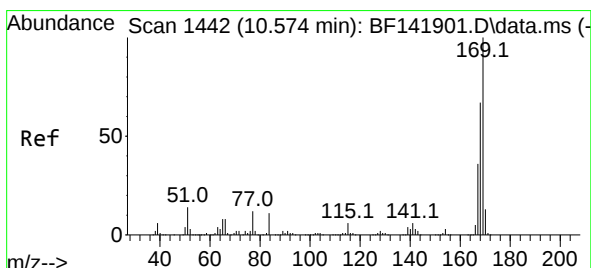
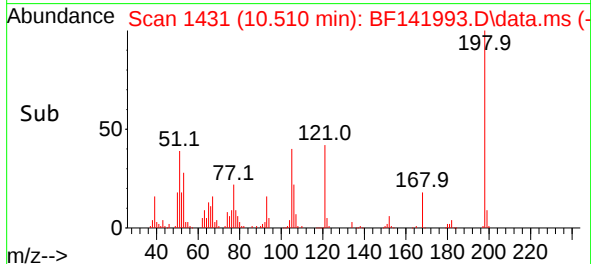
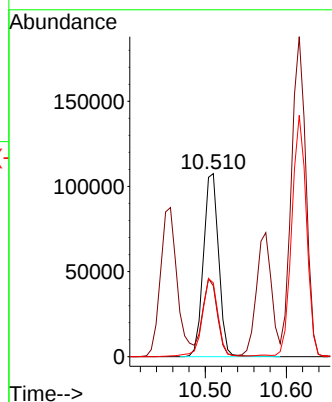
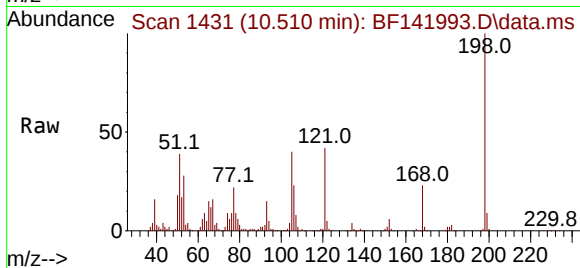




#65
4,6-Dinitro-2-methylphenol
Concen: 49.802 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

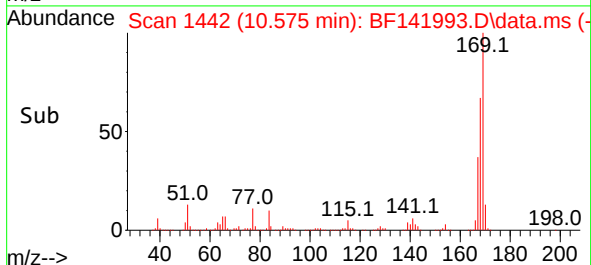
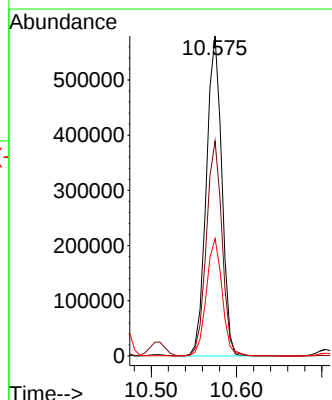
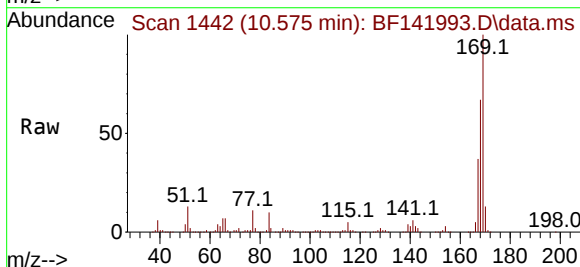
Instrument :
BNA_F
ClientSampleId :

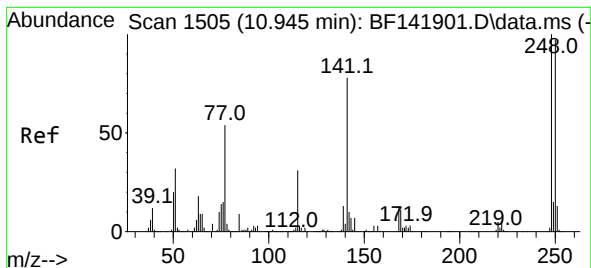
Tgt Ion:198 Resp: 139678
Ion Ratio Lower Upper
198 100
51 38.7 22.3 62.3
105 40.3 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 47.911 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

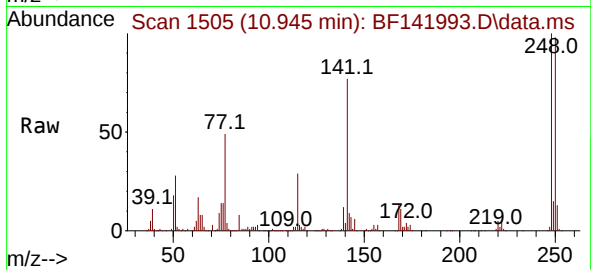
Tgt Ion:169 Resp: 729426
Ion Ratio Lower Upper
169 100
168 67.2 53.7 80.5
167 36.7 29.2 43.8



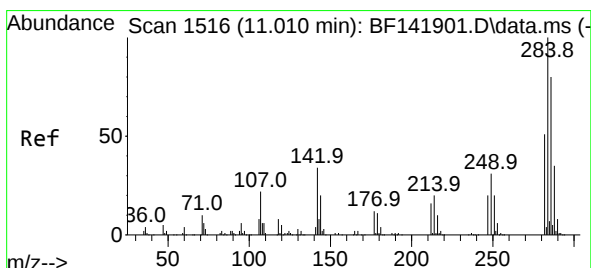
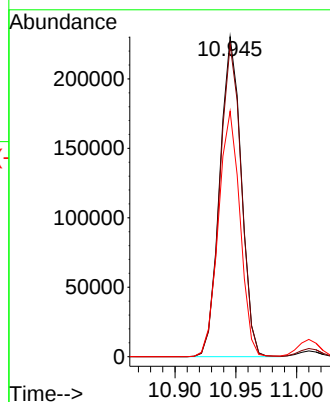
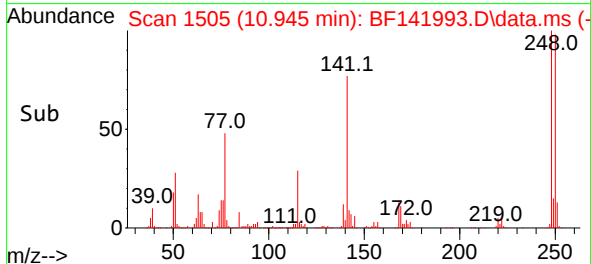


#67
4-Bromophenyl-phenylether
Concen: 47.932 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

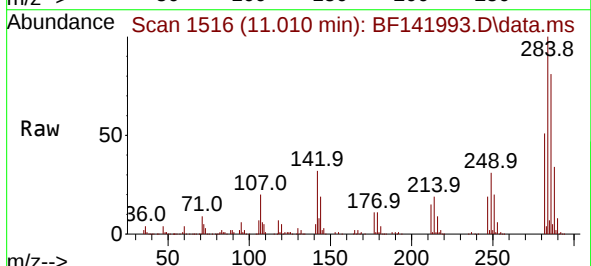
Instrument :
BNA_F
ClientSampleId :



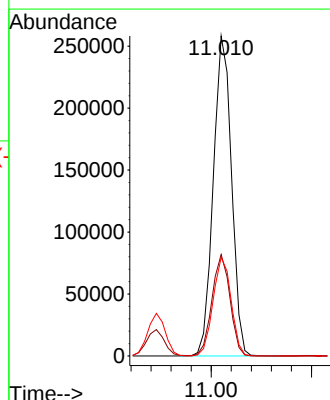
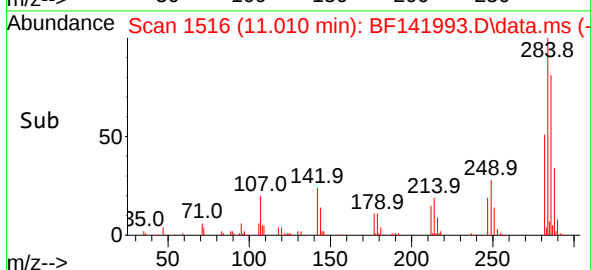
Tgt Ion:248 Resp: 283205
Ion Ratio Lower Upper
248 100
250 97.5 77.8 116.8
141 76.7 62.6 93.8

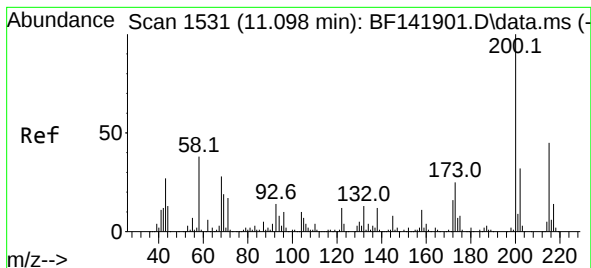


#68
Hexachlorobenzene
Concen: 50.043 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



Tgt Ion:284 Resp: 324295
Ion Ratio Lower Upper
284 100
142 31.7 27.0 40.6
249 30.9 25.2 37.8





#69

Atrazine

Concen: 56.733 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

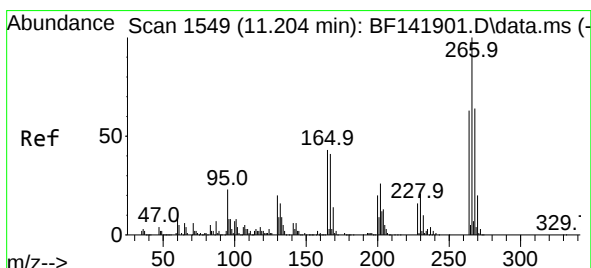
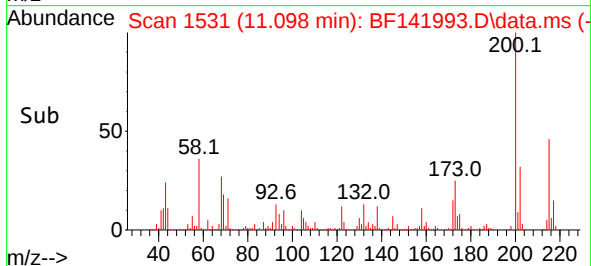
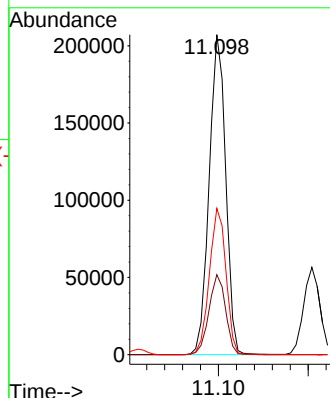
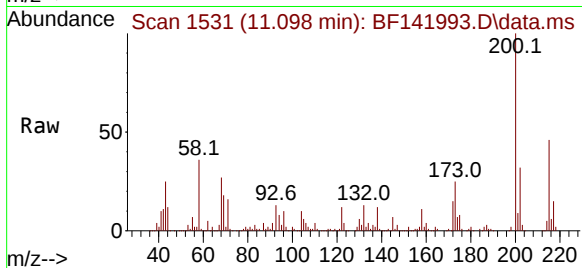
Tgt Ion:200 Resp: 264785

Ion Ratio Lower Upper

200 100

173 25.0 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 94.300 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

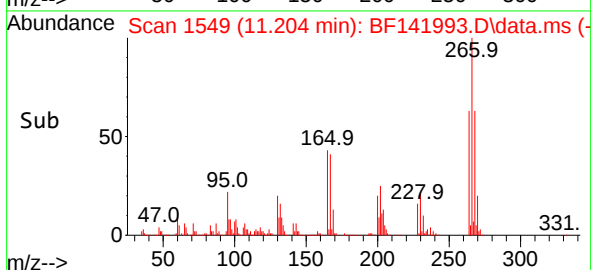
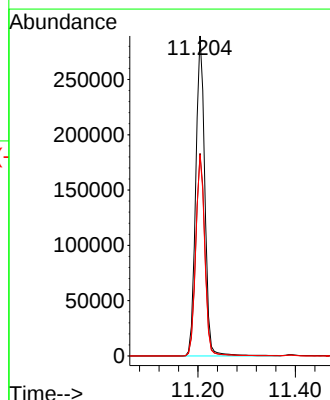
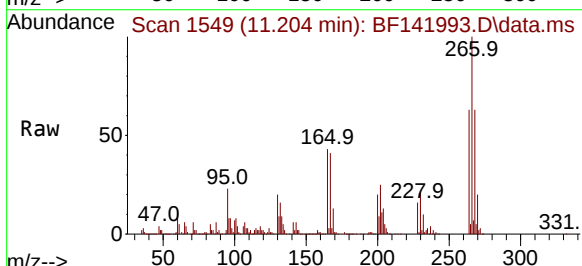
Tgt Ion:266 Resp: 376512

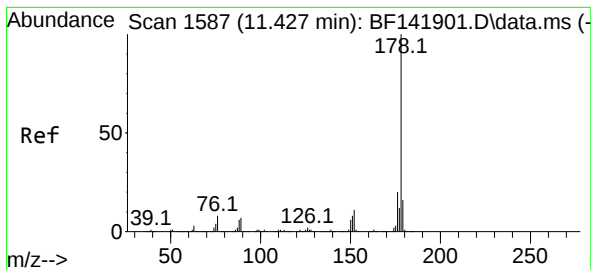
Ion Ratio Lower Upper

266 100

268 63.3 51.0 76.6

264 62.8 50.2 75.2

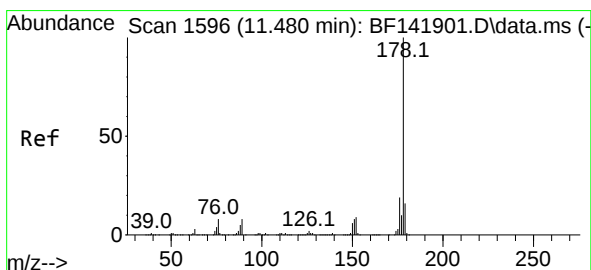
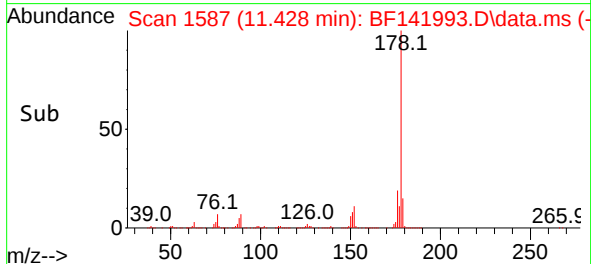
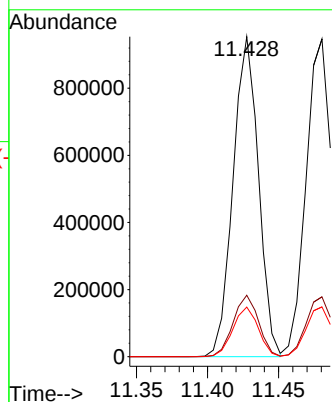
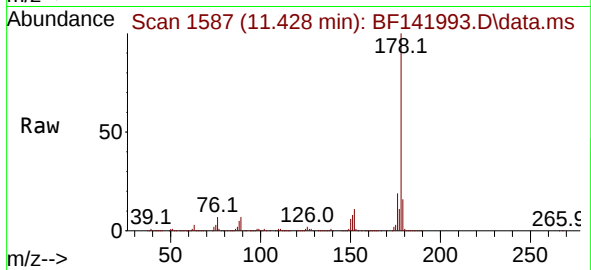




#71
Phenanthrene
Concen: 46.630 ng
RT: 11.428 min Scan# 1184936
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

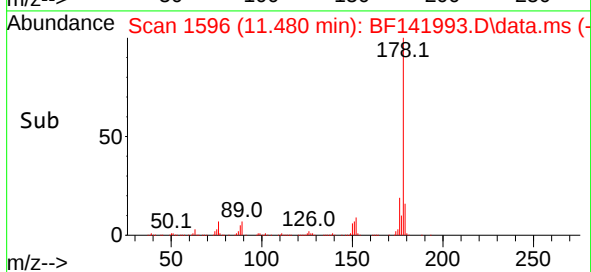
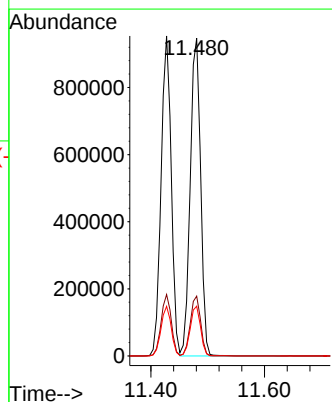
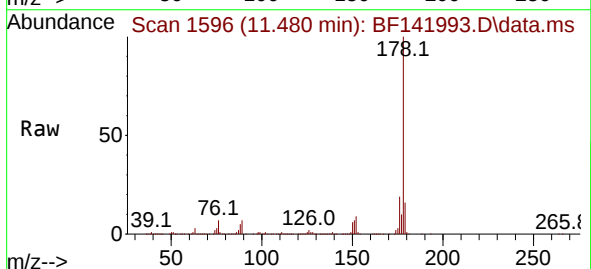
Instrument :
BNA_F
ClientSampleId :

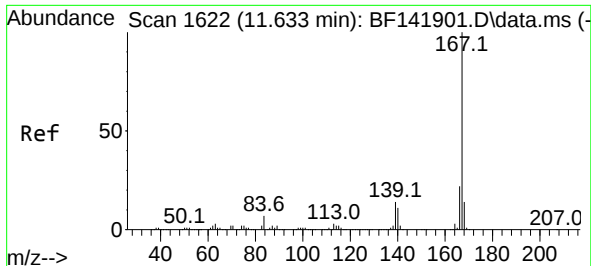
Tgt Ion:178 Resp: 1184936
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.8
179 15.5 12.6 19.0



#72
Anthracene
Concen: 47.150 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

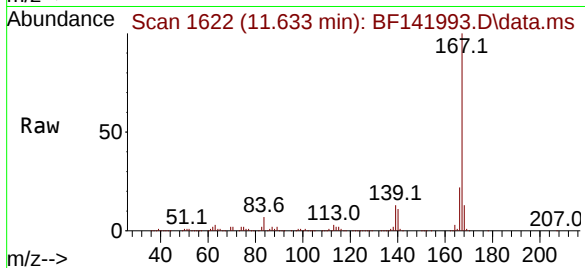
Tgt Ion:178 Resp: 1202057
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.6 12.6 19.0



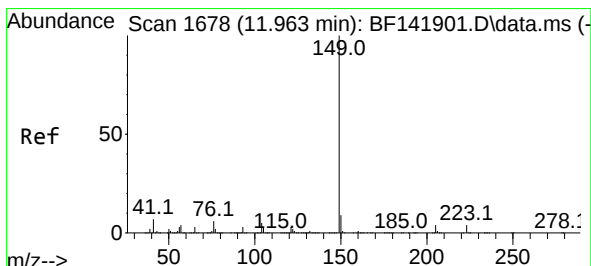
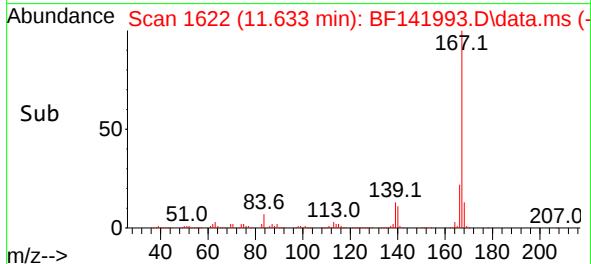
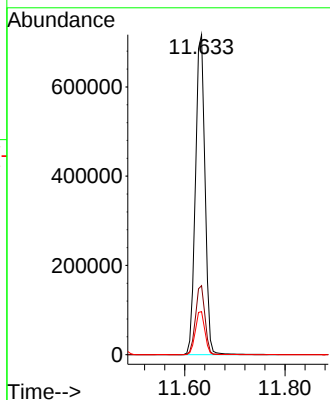


#73
 Carbazole
 Concen: 42.945 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

Instrument :
 BNA_F
 ClientSampleId :

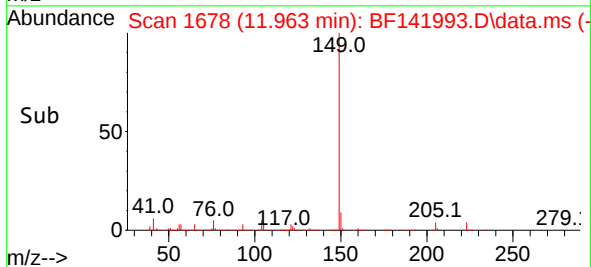
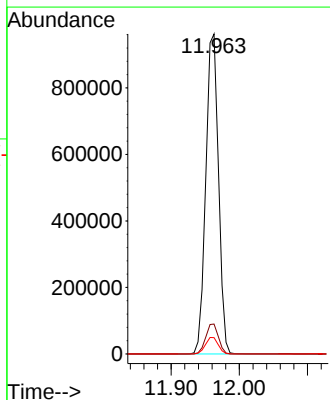
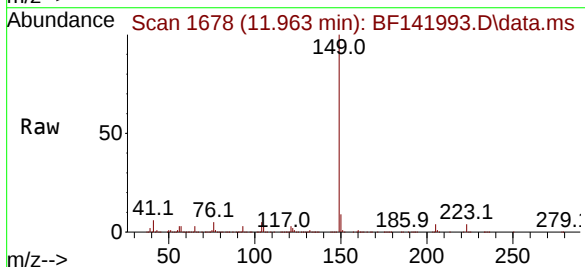


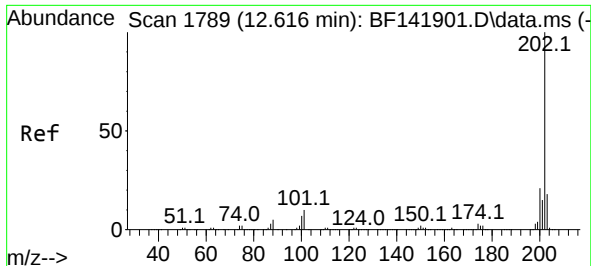
Tgt Ion:167 Resp: 944218
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.5 11.0 16.6



#74
 Di-n-butylphthalate
 Concen: 42.737 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141993.D
 Acq: 18 Mar 2025 13:31

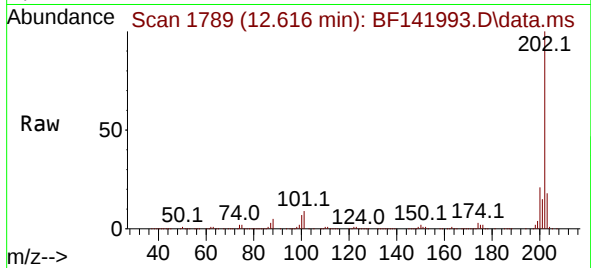
Tgt Ion:149 Resp: 1246779
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.6 11.4
 104 5.1 4.4 6.6



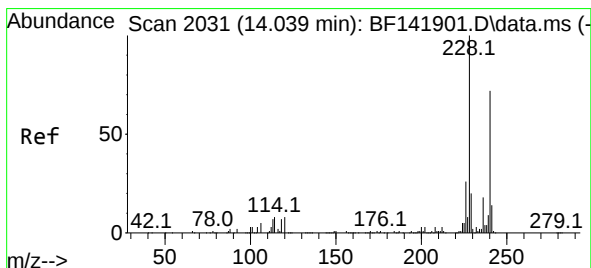
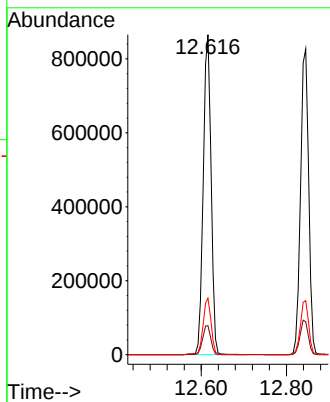
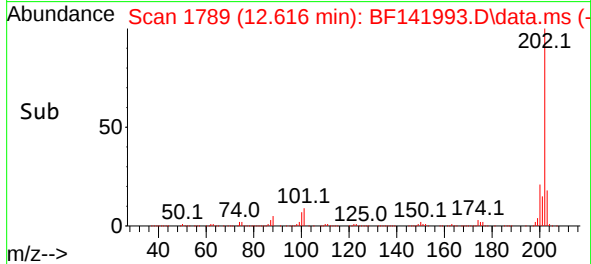


#75
Fluoranthene
Concen: 41.046 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

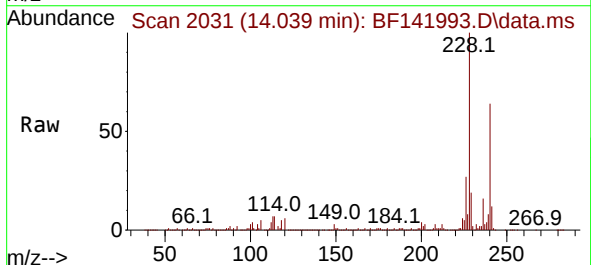
Instrument :
BNA_F
ClientSampleId :



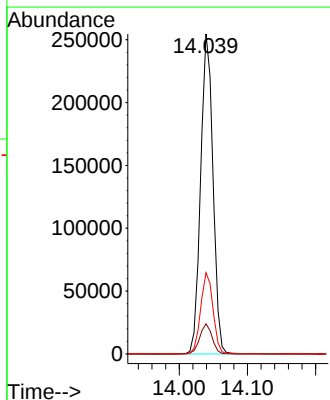
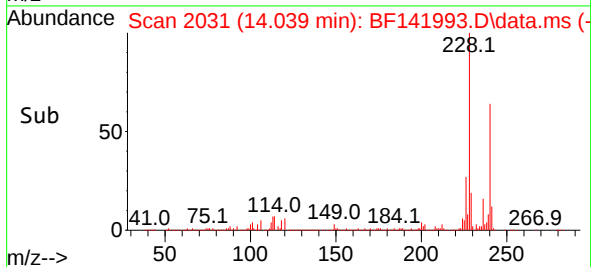
Tgt Ion:202 Resp: 1106426
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.7
203 17.6 0.0 37.8

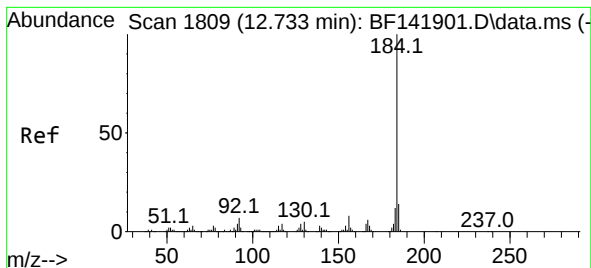


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31



Tgt Ion:240 Resp: 320562
Ion Ratio Lower Upper
240 100
120 9.4 8.4 12.6
236 25.4 20.5 30.7





#77

Benzidine

Concen: 15.413 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

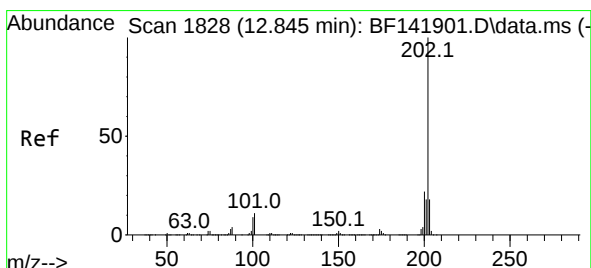
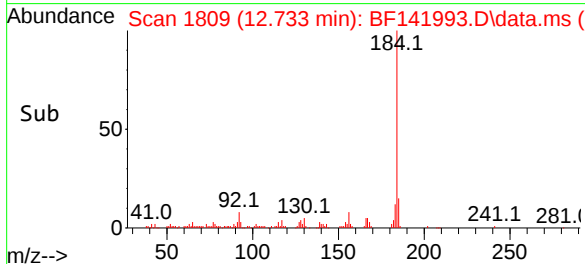
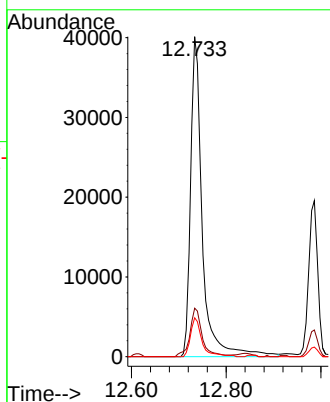
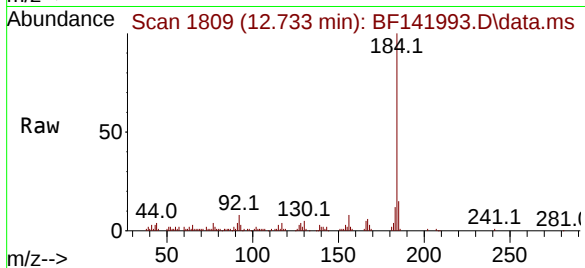
Tgt Ion:184 Resp: 68935

Ion Ratio Lower Upper

184 100

185 15.1 11.5 17.3

183 12.1 9.7 14.5



#78

Pyrene

Concen: 39.418 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

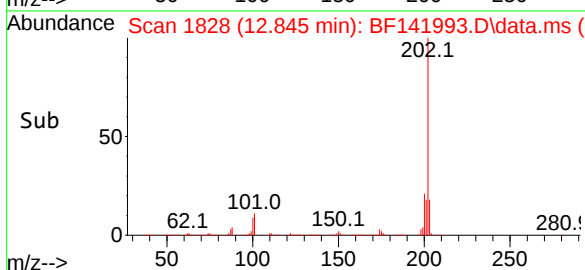
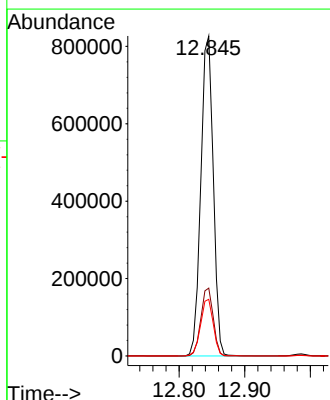
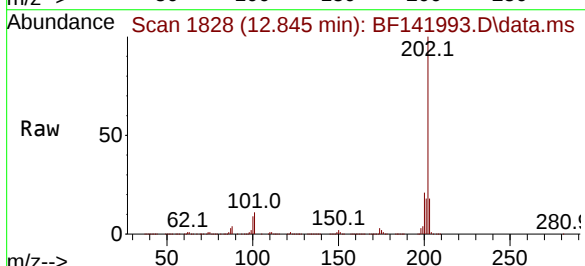
Tgt Ion:202 Resp: 1093026

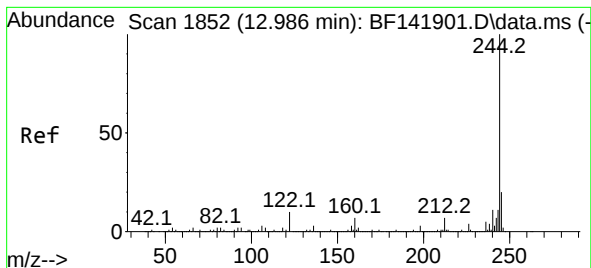
Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 85.689 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

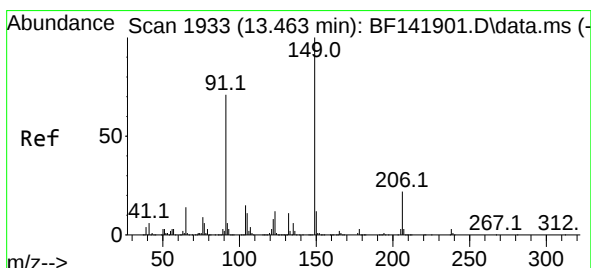
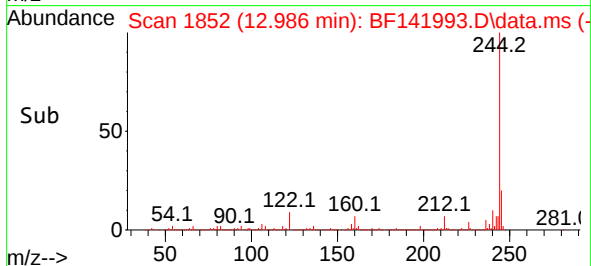
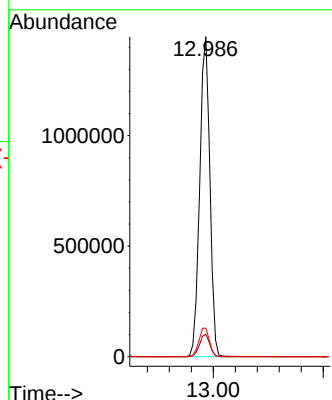
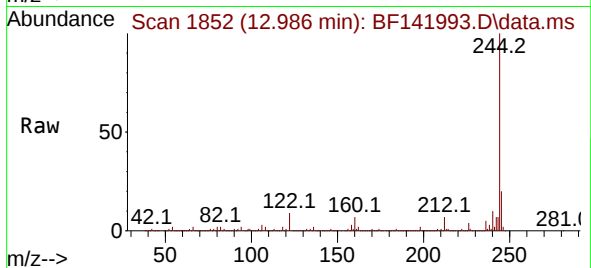
Tgt Ion:244 Resp: 1857933

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.0 7.7 11.5



#80

Butylbenzylphthalate

Concen: 39.902 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

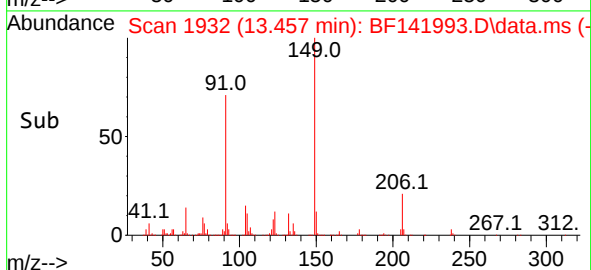
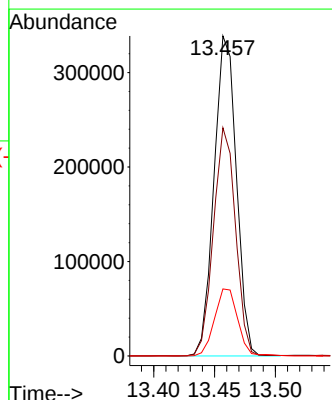
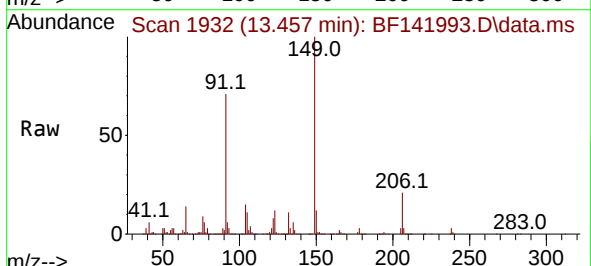
Tgt Ion:149 Resp: 433069

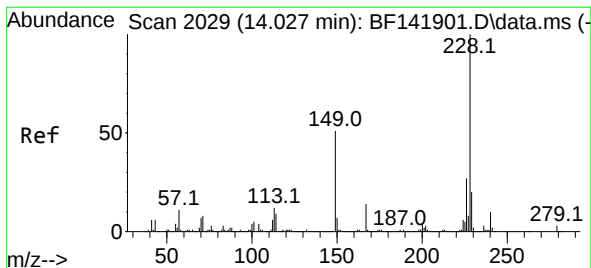
Ion Ratio Lower Upper

149 100

91 71.3 56.5 84.7

206 21.0 17.3 25.9





#81

Benzo(a)anthracene

Concen: 48.029 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

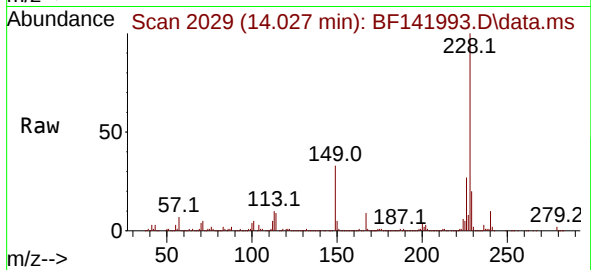
Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :



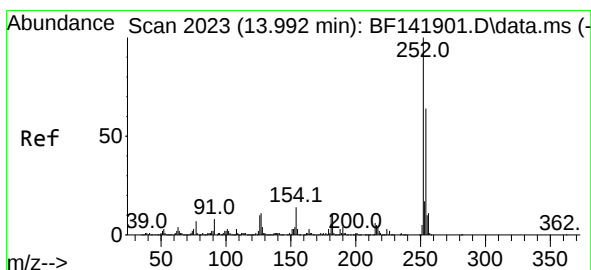
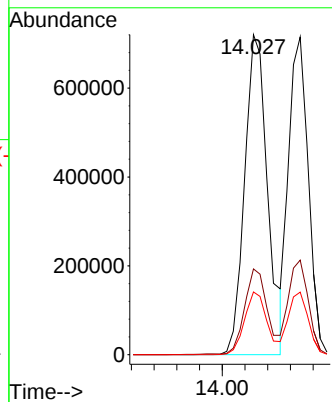
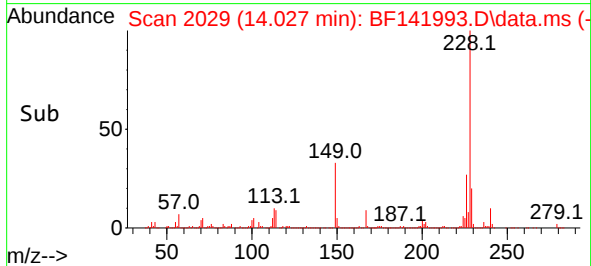
Tgt Ion:228 Resp: 1010312

Ion Ratio Lower Upper

228 100

226 26.8 21.8 32.8

229 19.6 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 22.534 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

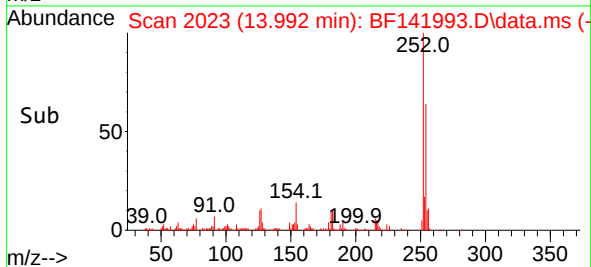
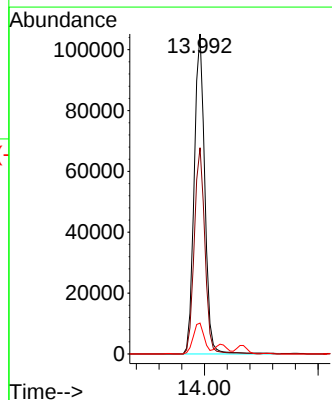
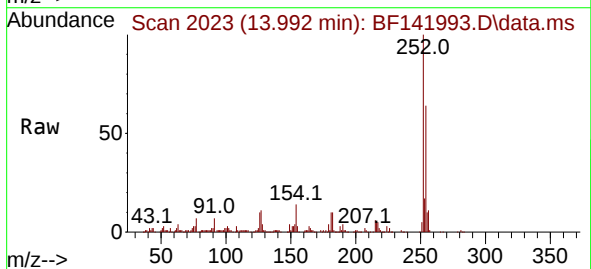
Tgt Ion:252 Resp: 136983

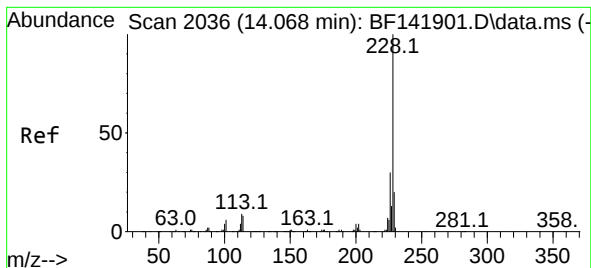
Ion Ratio Lower Upper

252 100

254 64.5 51.0 76.6

126 9.7 8.4 12.6





#83

Chrysene

Concen: 45.312 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

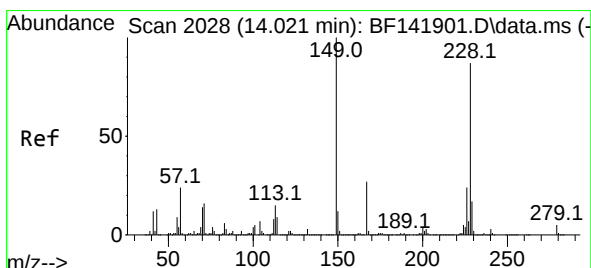
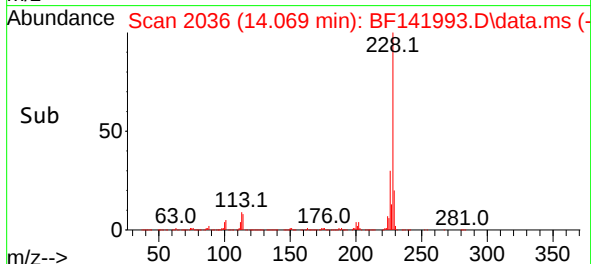
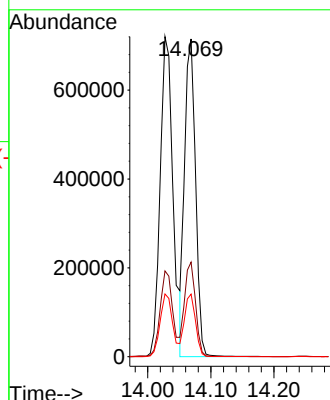
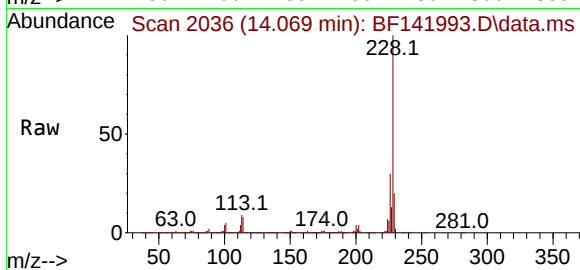
Tgt Ion:228 Resp: 864000

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.728 ng

RT: 14.016 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

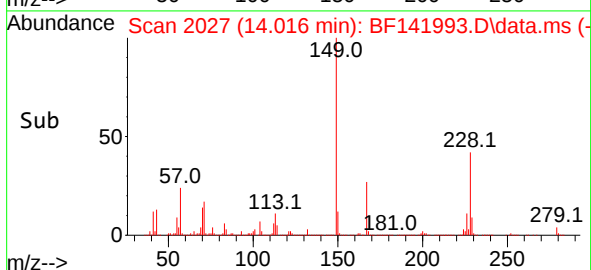
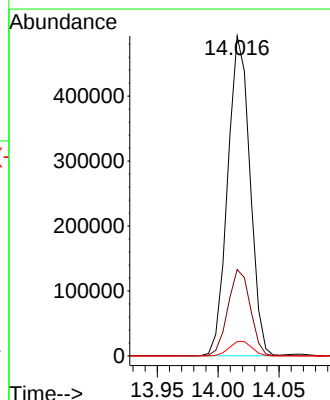
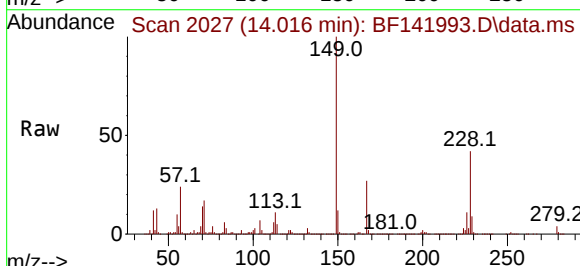
Tgt Ion:149 Resp: 624421

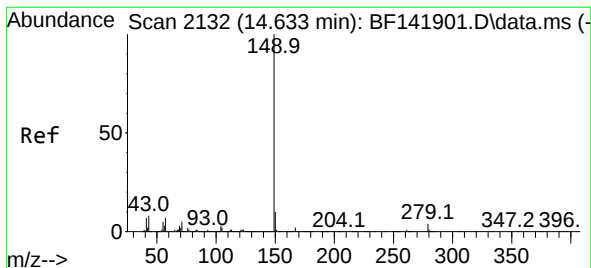
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 53.136 ng

RT: 14.627 min Scan# 2131

Delta R.T. -0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

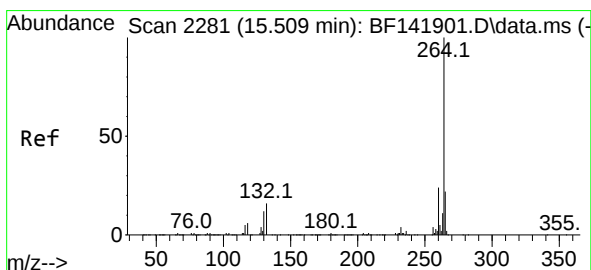
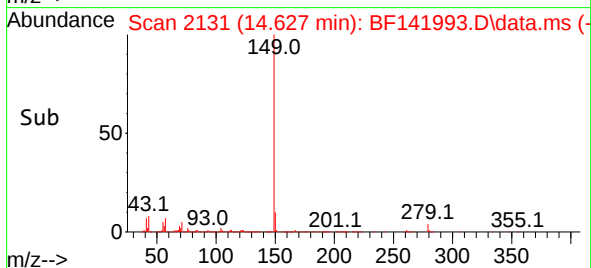
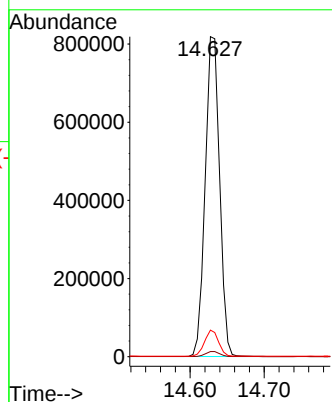
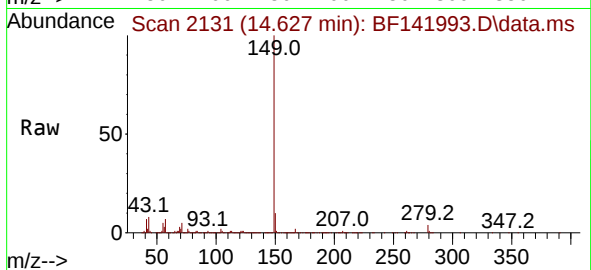
Tgt Ion:149 Resp: 1106352

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.9 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2282

Delta R.T. 0.006 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

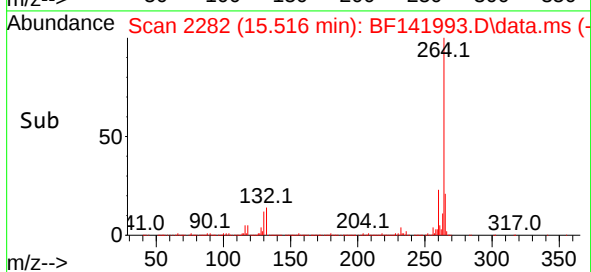
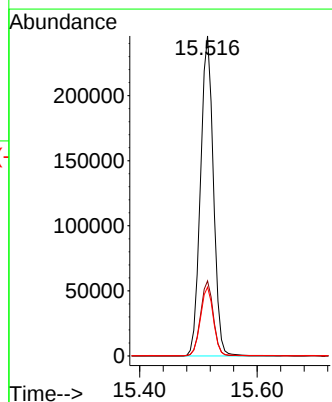
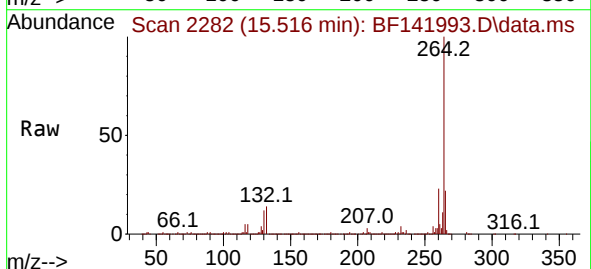
Tgt Ion:264 Resp: 374866

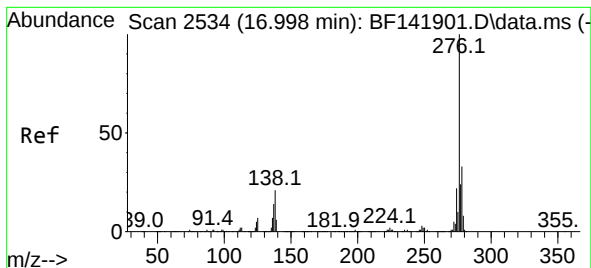
Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.446 ng

RT: 17.010 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

Instrument :

BNA_F

ClientSampleId :

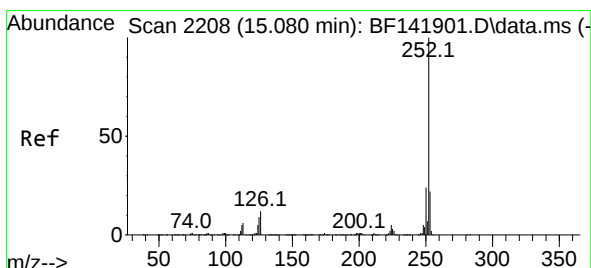
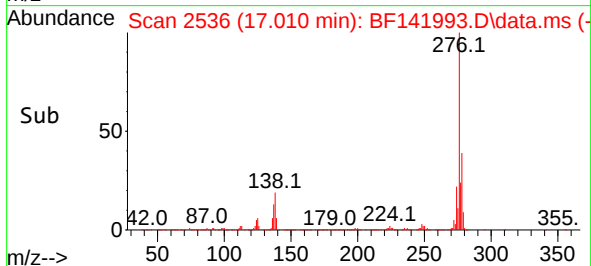
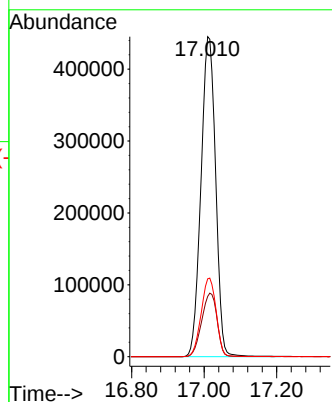
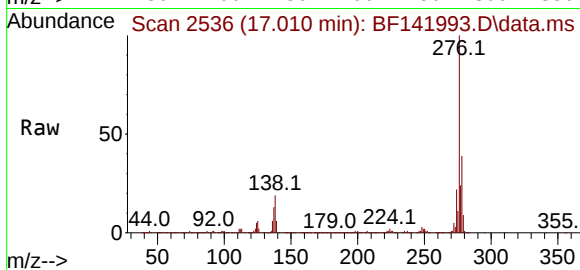
Tgt Ion:276 Resp: 1247538

Ion Ratio Lower Upper

276 100

138 21.0 18.4 27.6

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 41.826 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF141993.D

Acq: 18 Mar 2025 13:31

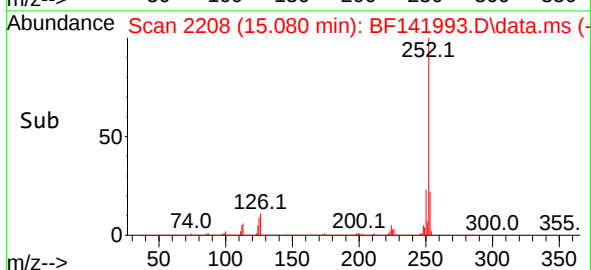
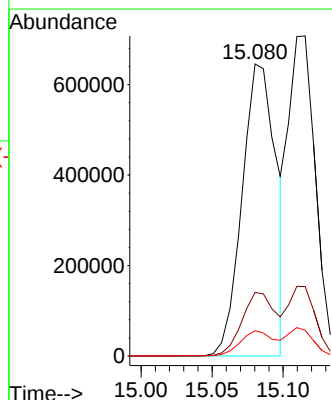
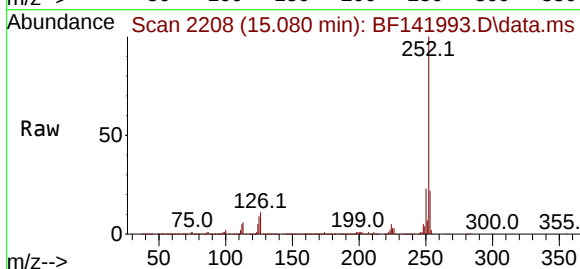
Tgt Ion:252 Resp: 1074570

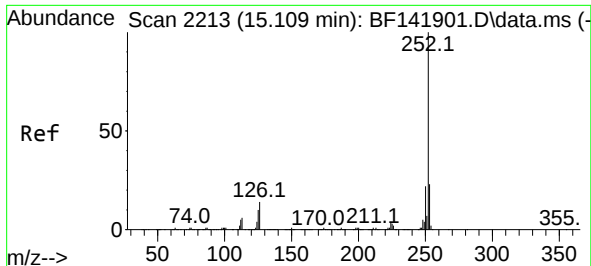
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.6 7.0 10.4

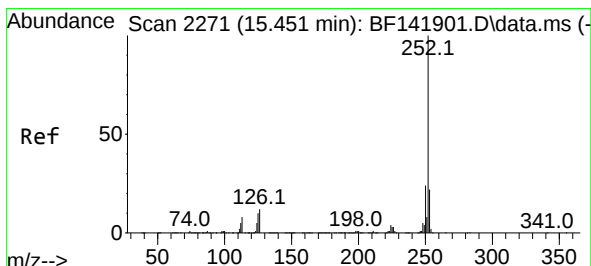
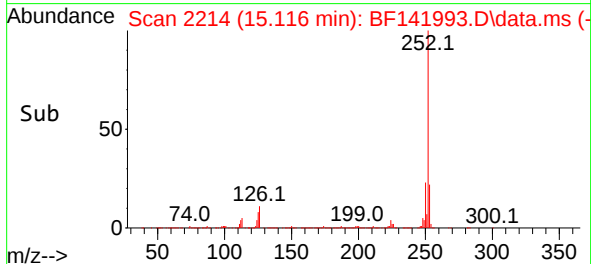
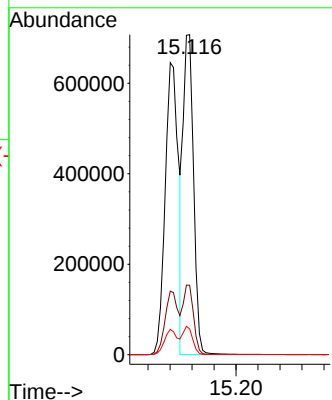
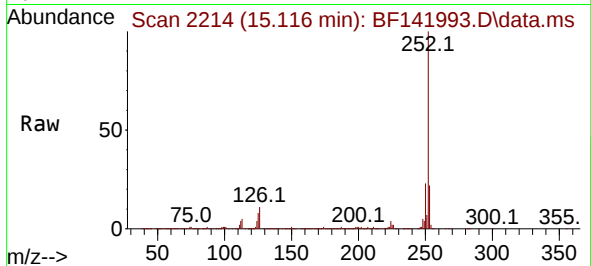




#89
Benzo(k)fluoranthene
Concen: 42.742 ng
RT: 15.116 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

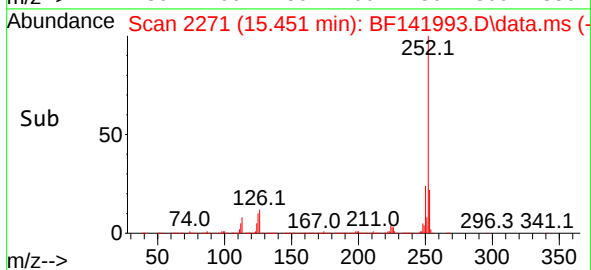
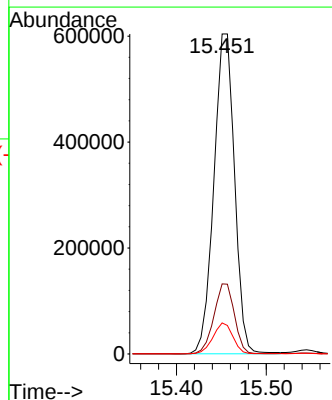
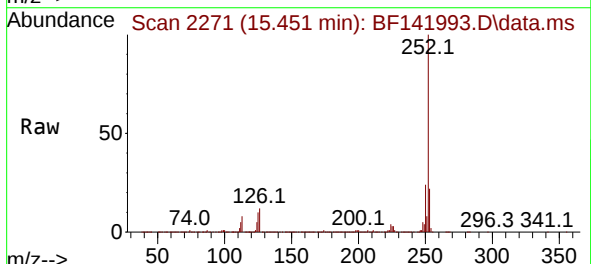
Instrument :
BNA_F
ClientSampleId :

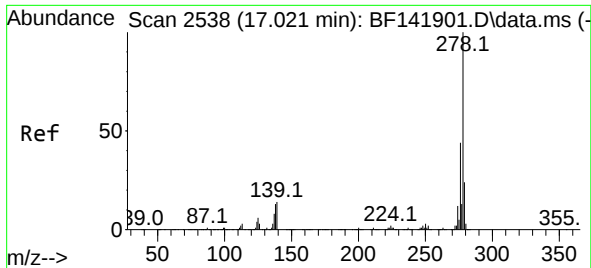
Tgt Ion:252 Resp: 939725
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.0 7.2 10.8



#90
Benzo(a)pyrene
Concen: 48.122 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:252 Resp: 967379
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.7 7.8 11.8

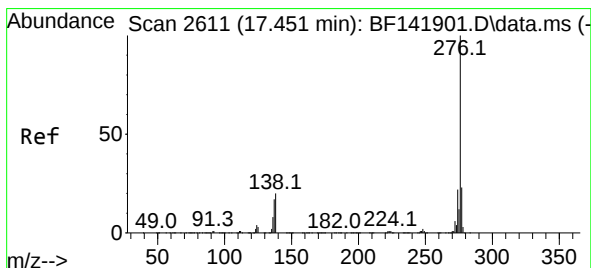
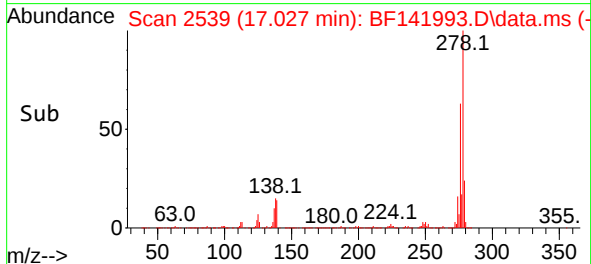
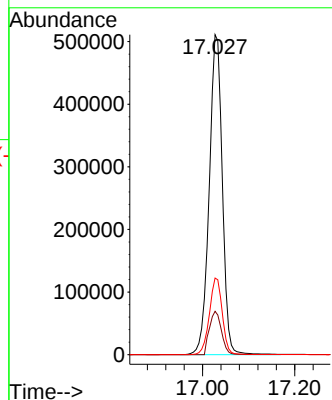
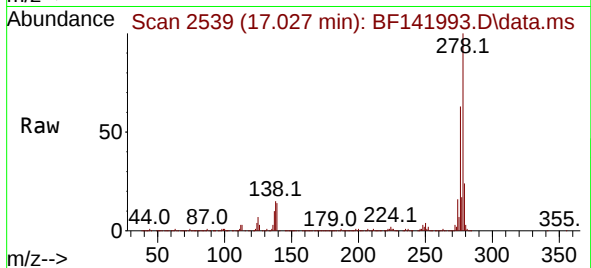




#91
Dibenzo(a,h)anthracene
Concen: 50.667 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 1013729
Ion Ratio Lower Upper
278 100
139 13.6 11.4 17.2
279 24.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 46.929 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF141993.D
Acq: 18 Mar 2025 13:31

Tgt Ion:276 Resp: 927863
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 17.9 15.8 23.8

