

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124400.D
 Acq On : 21 Jun 2021 18:54
 Operator : JU/CG
 Sample : M278-015
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

Quant Time: Jun 22 01:33:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

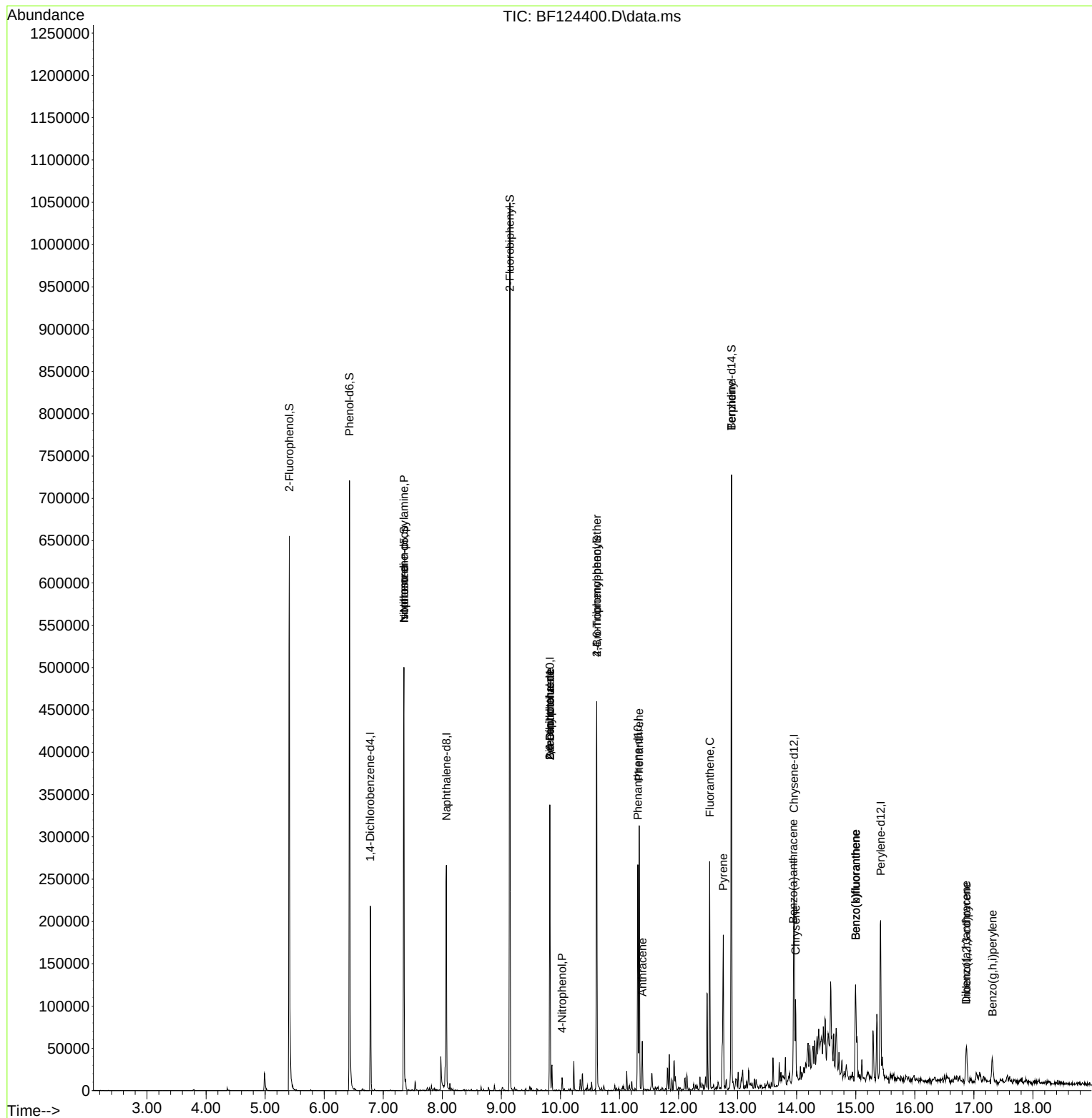
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	30337	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	106166	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	57877	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	87319	20.00	ng	0.00
76) Chrysene-d12	13.957	240	66644	20.00	ng	0.00
86) Perylene-d12	15.421	264	82596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	153165	76.00	ng	0.00
7) Phenol-d6	6.428	99	191110	70.55	ng	-0.02
23) Nitrobenzene-d5	7.351	82	146450	54.71	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	48701	59.39	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	269498	58.59	ng	0.00
79) Terphenyl-d14	12.898	244	210387	43.34	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	20602	10.77	ng	# 68
25) Isophorone	7.351	82	146449	30.36	ng	# 69
50) Dimethylphthalate	9.822	163	12526	2.62	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	8066	7.35	ng	# 10
56) 4-Nitrophenol	10.028	139	2151	2.93	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	8066	5.57	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	3804	3.17	ng	# 1
71) Phenanthrene	11.333	178	101196	18.55	ng	98
72) Anthracene	11.386	178	22471	4.09	ng	97
75) Fluoranthene	12.527	202	93527	16.33	ng	95
77) Benzidine	12.898	184	3737	6.26	ng	# 87
78) Pyrene	12.757	202	71319	11.14	ng	98
81) Benzo(a)anthracene	13.945	228	40744	8.39	ng	96
83) Chrysene	13.980	228	35036	7.48	ng	93
87) Indeno(1,2,3-cd)pyrene	16.874	276	24442	7.57	ng	96
88) Benzo(b)fluoranthene	14.998	252	68076	10.61	ng	# 96
89) Benzo(k)fluoranthene	14.998	252	68076	11.21	ng	# 97
91) Dibenzo(a,h)anthracene	16.868	278	8323	5.47	ng	# 85
92) Benzo(g,h,i)perylene	17.315	276	19275	6.87	ng	# 93

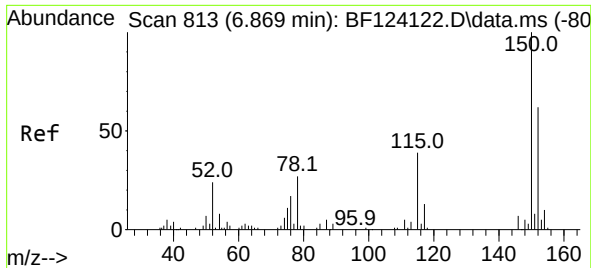
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
Data File : BF124400.D
Acq On : 21 Jun 2021 18:54
Operator : JU/CG
Sample : M278-015
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-6A

Quant Time: Jun 22 01:33:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 15 20:09:26 2021
Response via : Initial Calibration

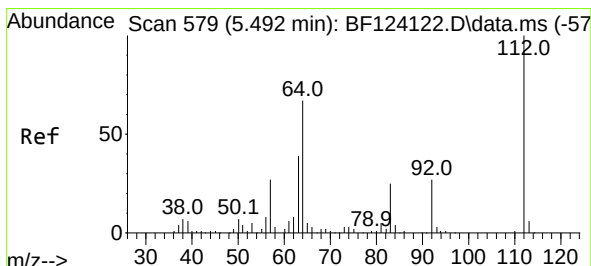
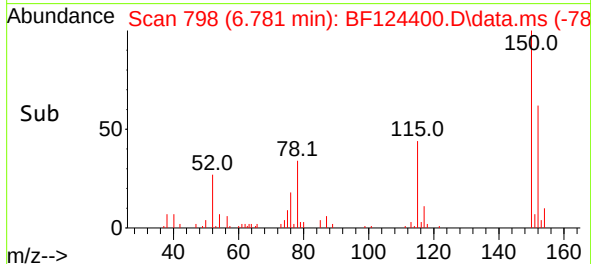
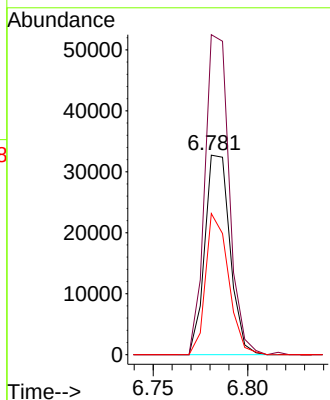
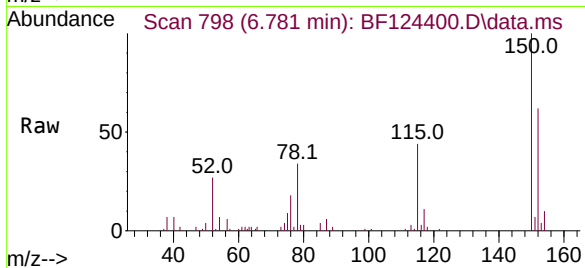




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54

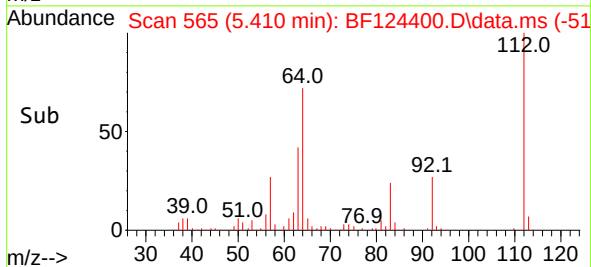
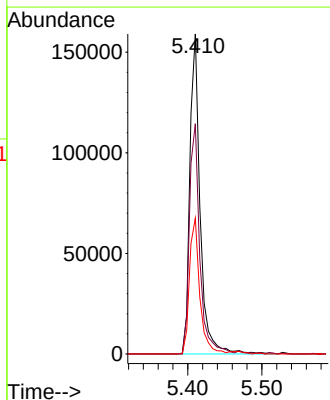
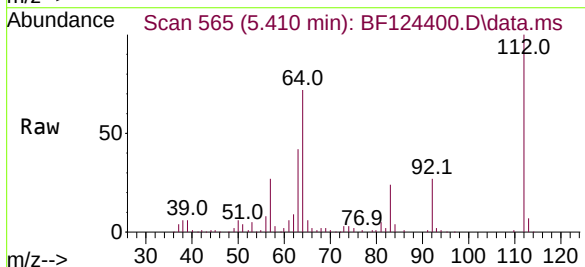
Instrument :
 BNA_F
 ClientSampleId :
 SB-6A

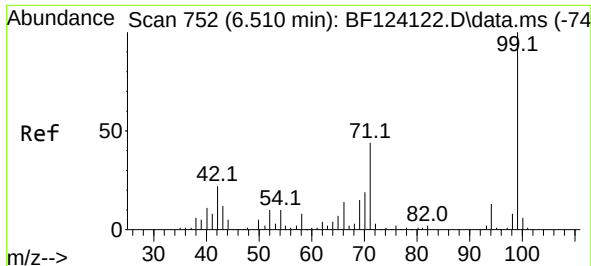
Tgt Ion:152 Resp: 30337
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.0 190.6
 115 70.8 54.3 81.5



#5
 2-Fluorophenol
 Concen: 76.00 ng
 RT: 5.410 min Scan# 565
 Delta R.T. -0.006 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54

Tgt Ion:112 Resp: 153165
 Ion Ratio Lower Upper
 112 100
 64 72.0 61.4 92.0
 63 42.4 33.0 49.4

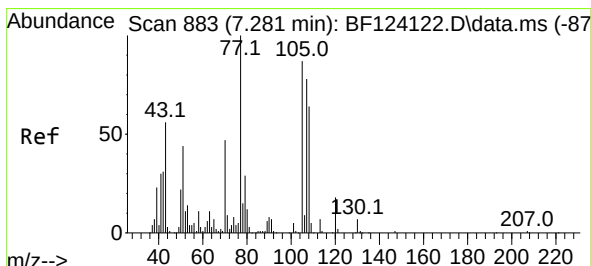
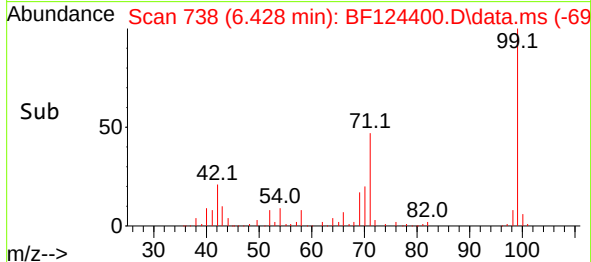
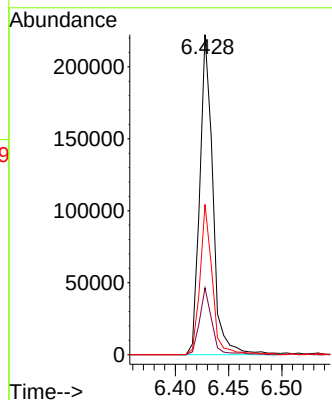
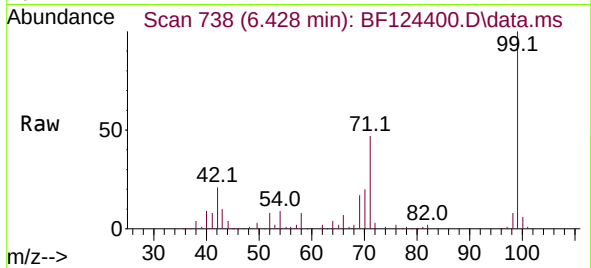




#7
Phenol-d6
Concen: 70.55 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

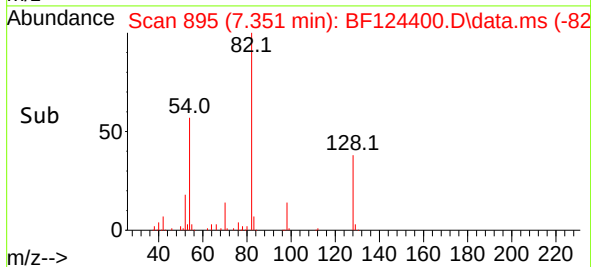
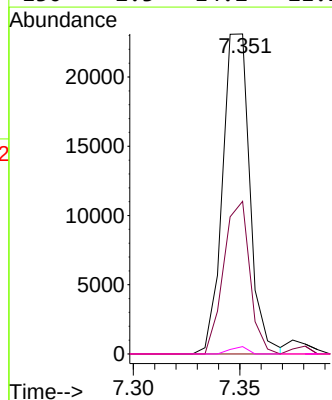
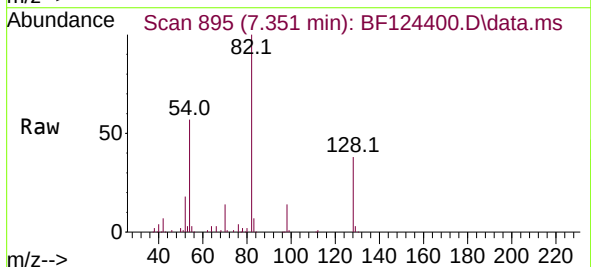
Instrument :
BNA_F
ClientSampled :
SB-6A

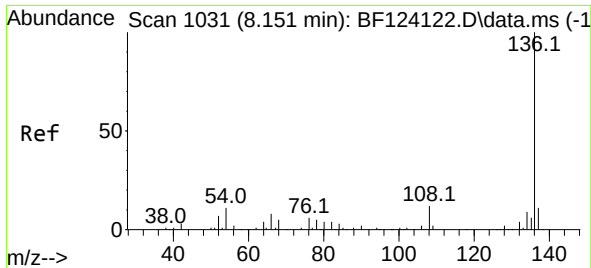
Tgt Ion: 99 Resp: 191110
Ion Ratio Lower Upper
99 100
42 20.9 19.8 29.8
71 47.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 10.77 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion: 70 Resp: 20602
Ion Ratio Lower Upper
70 100
42 47.7 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#

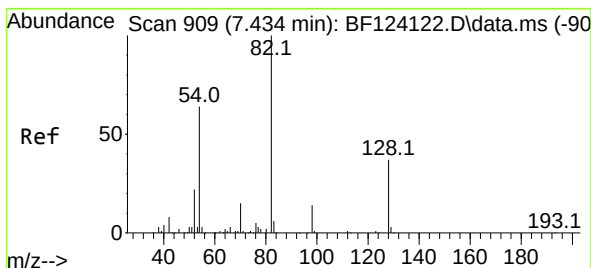
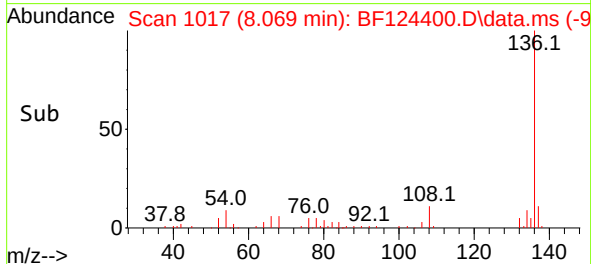
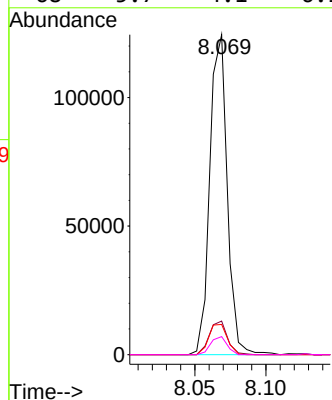
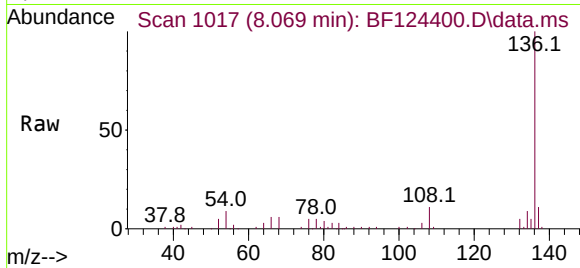




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

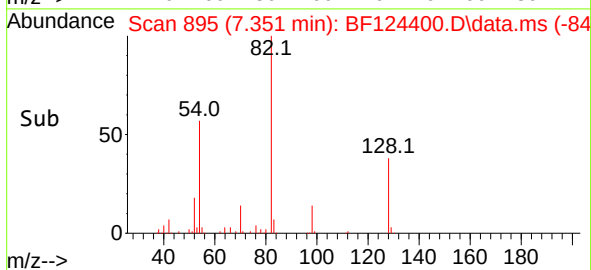
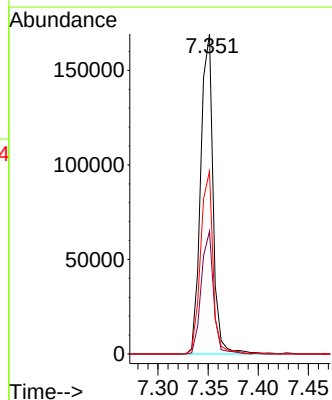
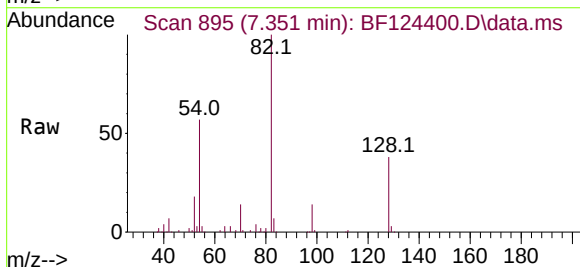
Instrument :
BNA_F
ClientSampled :
SB-6A

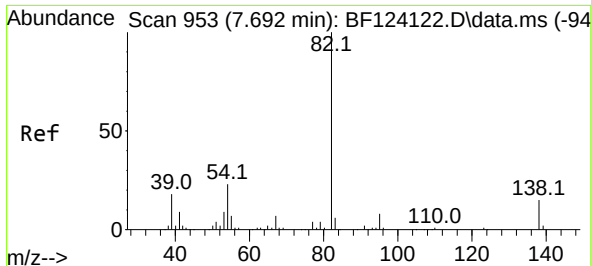
Tgt Ion:136	Resp:	106166
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	9.5	9.8 14.6#
68	5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 54.71 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion: 82	Resp:	146450
Ion Ratio	Lower	Upper
82	100	
128	38.3	29.4 44.2
54	57.1	54.1 81.1

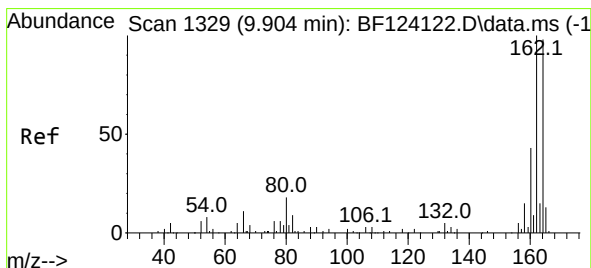
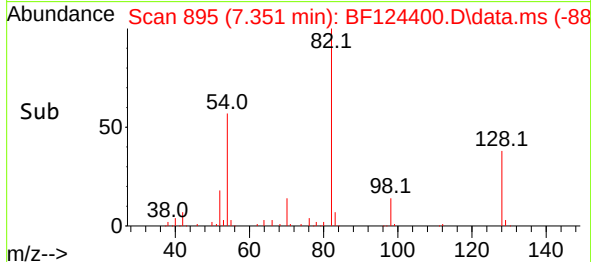
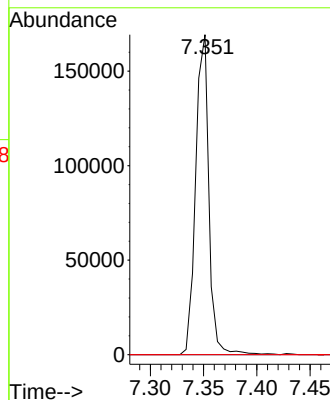
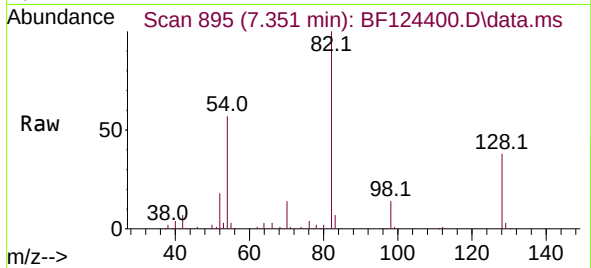




#25
Isophorone
Concen: 30.36 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

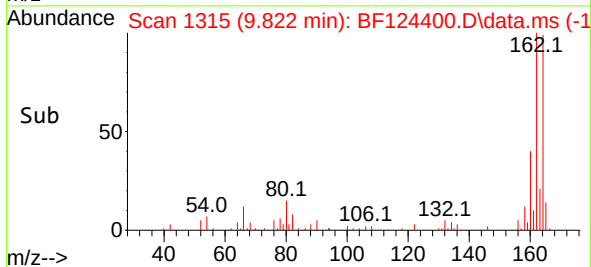
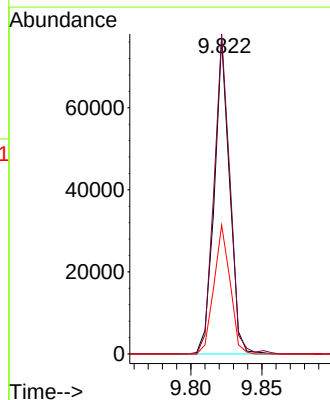
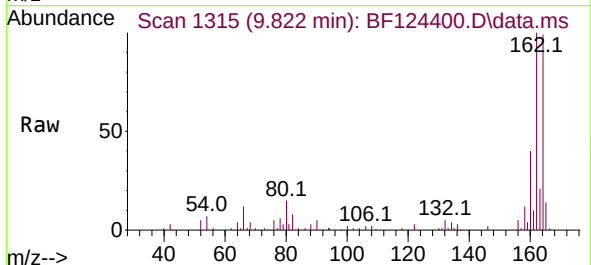
Instrument :
BNA_F
ClientSampleId :
SB-6A

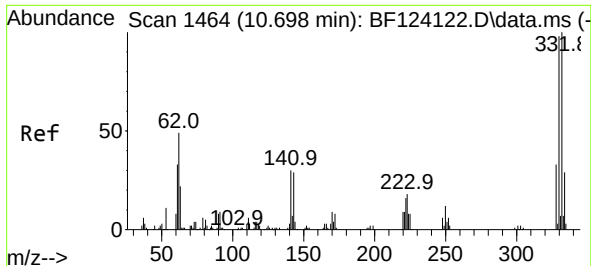
Tgt Ion: 82 Resp: 146449
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion: 164 Resp: 57877
Ion Ratio Lower Upper
164 100
162 101.4 80.7 121.1
160 40.9 37.3 55.9

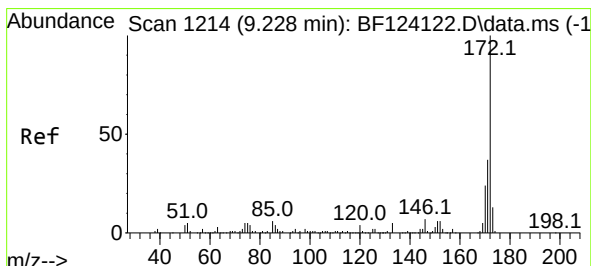
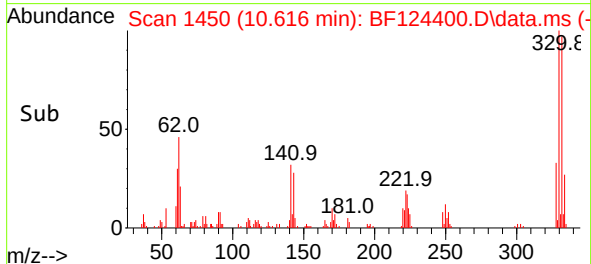
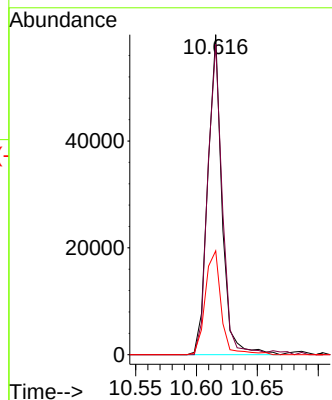
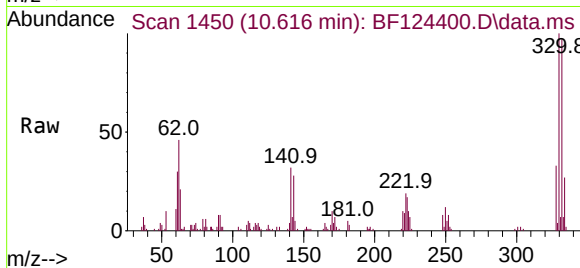




#42
2,4,6-Tribromophenol
Concen: 59.39 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

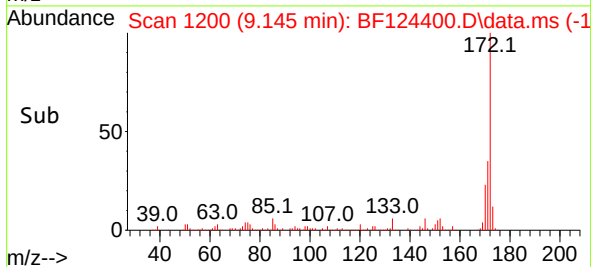
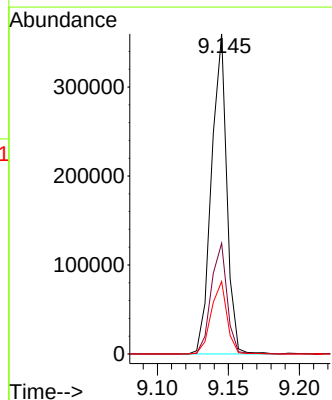
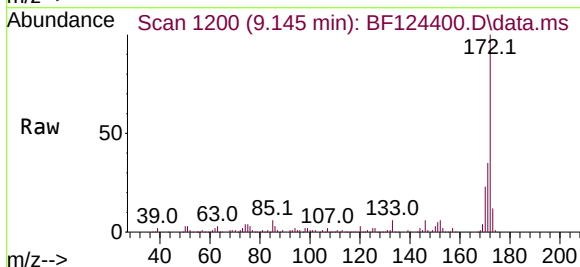
Instrument :
BNA_F
ClientSampled :
SB-6A

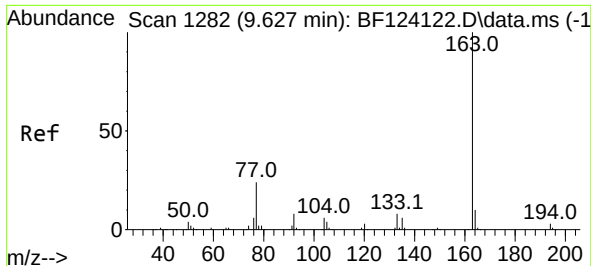
Tgt Ion:330 Resp: 48701
Ion Ratio Lower Upper
330 100
332 98.8 77.1 115.7
141 36.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 58.59 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:172 Resp: 269498
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 22.6 19.2 28.8

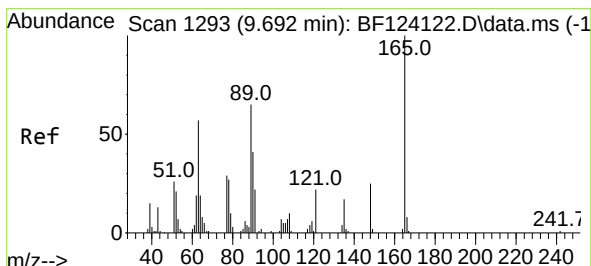
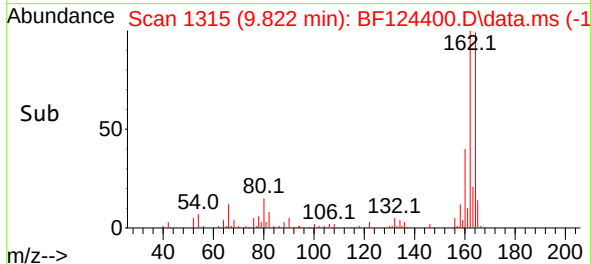
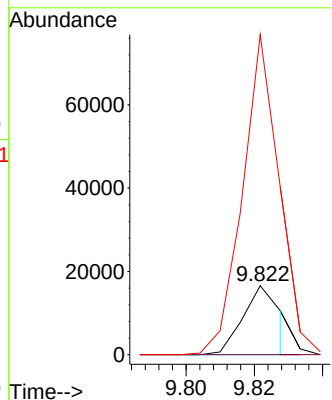
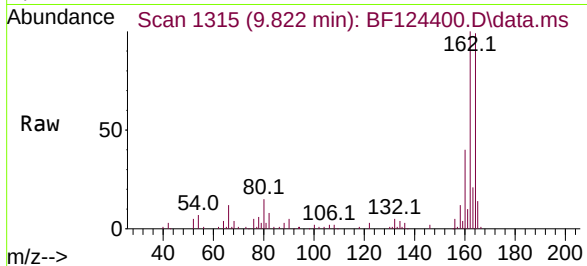




#50
Dimethylphthalate
Concen: 2.62 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

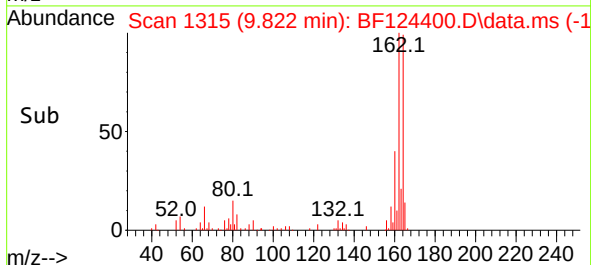
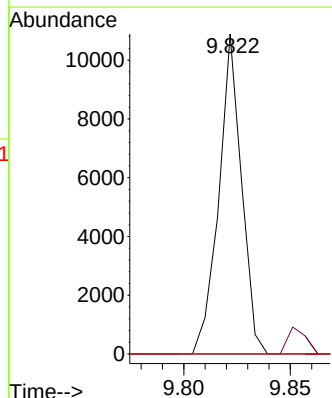
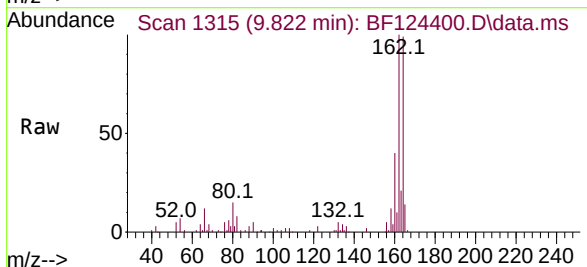
Instrument :
BNA_F
ClientSampleId :
SB-6A

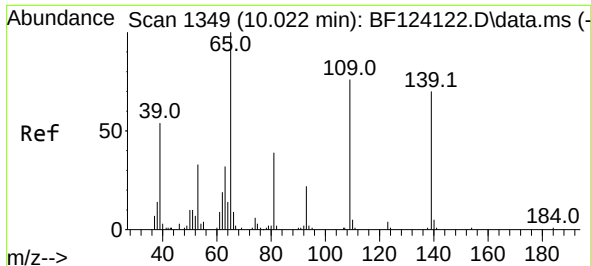
Tgt Ion:163 Resp: 12526
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 463.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.35 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:165 Resp: 8066
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#

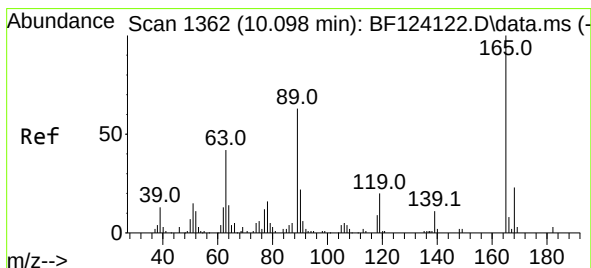
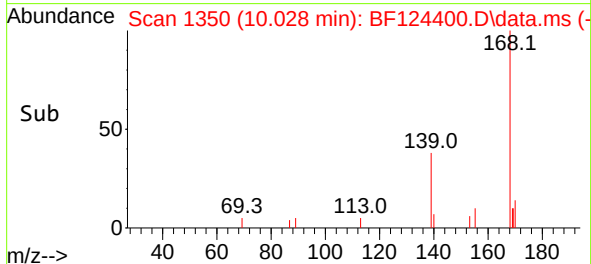
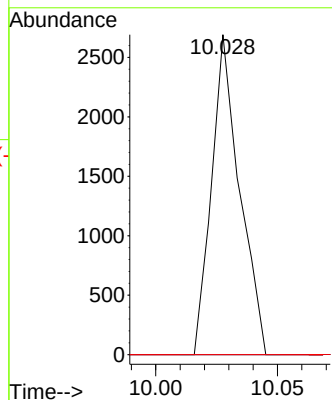
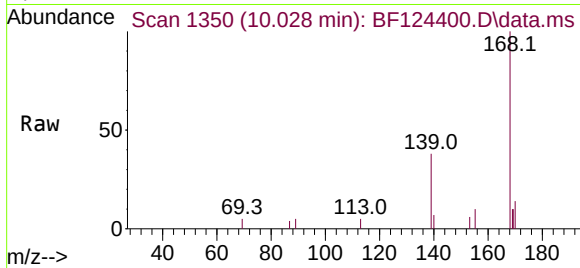




#56
4-Nitrophenol
Concen: 2.93 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.047 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

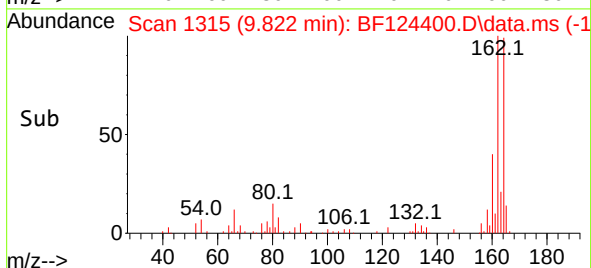
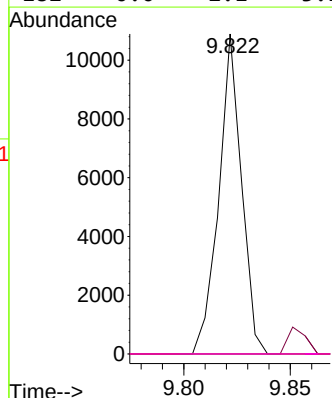
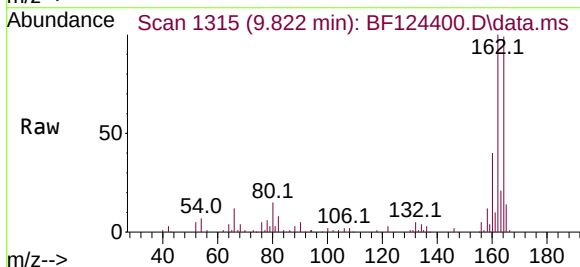
Instrument :
BNA_F
ClientSampled :
SB-6A

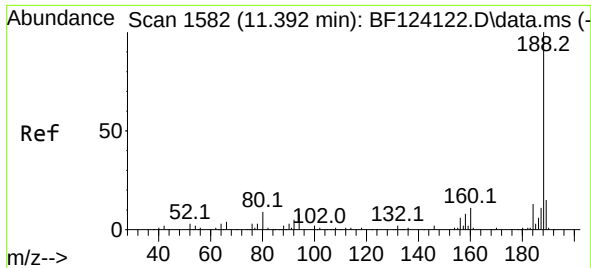
Tgt Ion:139 Resp: 2151
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 0.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 5.57 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:165 Resp: 8066
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

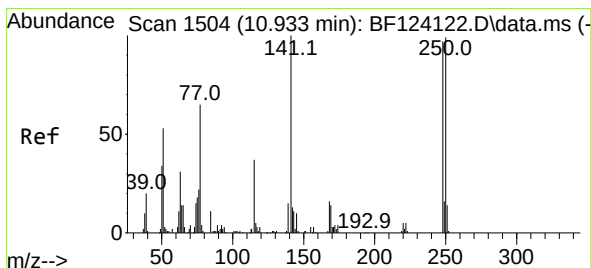
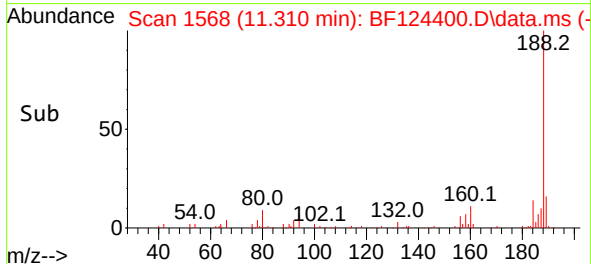
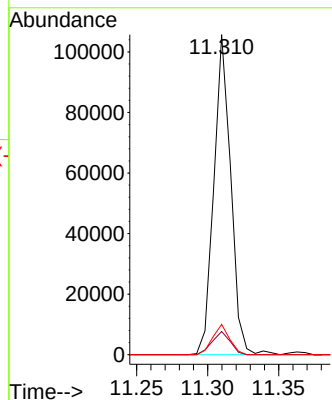
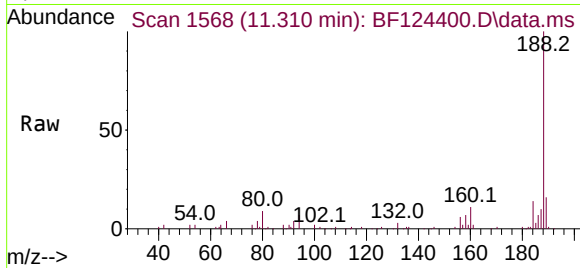




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

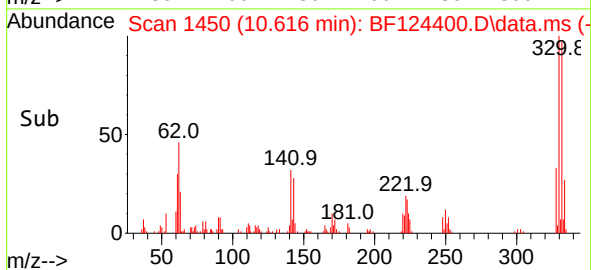
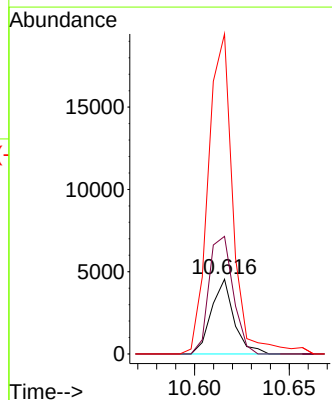
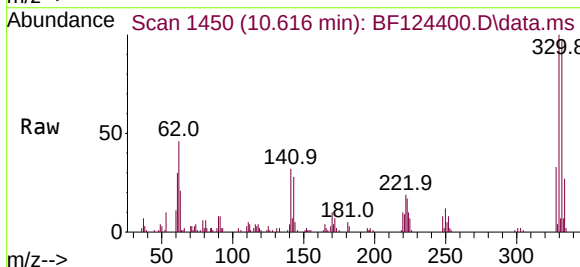
Instrument :
BNA_F
ClientSampled :
SB-6A

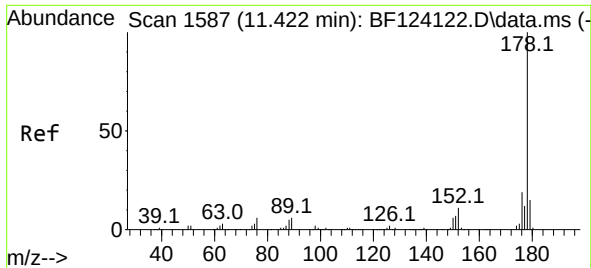
Tgt Ion:188 Resp: 87319
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 9.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:248 Resp: 3804
Ion Ratio Lower Upper
248 100
250 157.2 77.4 116.2#
141 427.9 63.7 95.5#

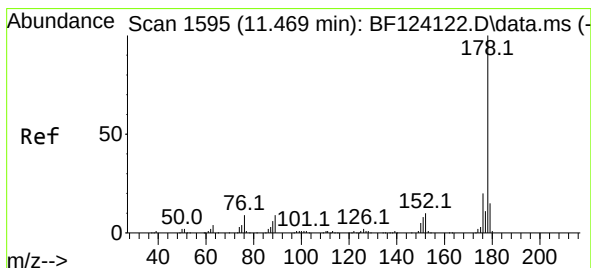
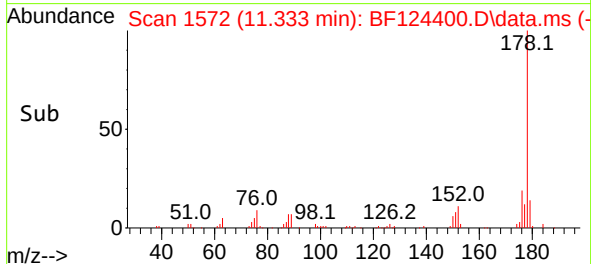
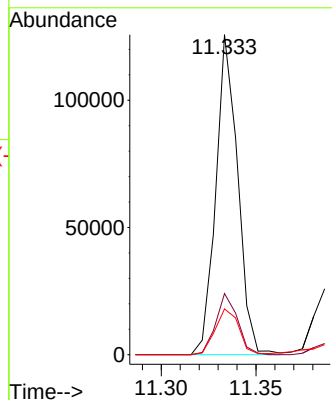
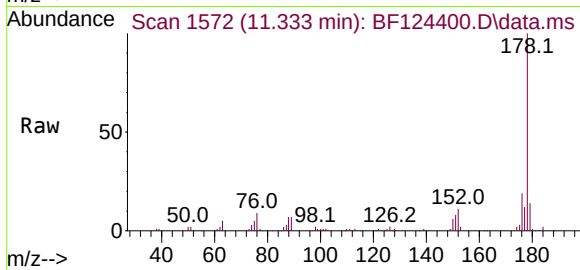




#71
Phenanthrene
Concen: 18.55 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

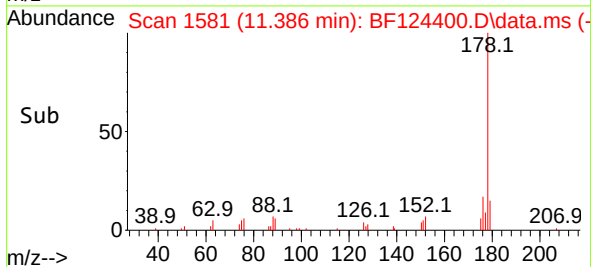
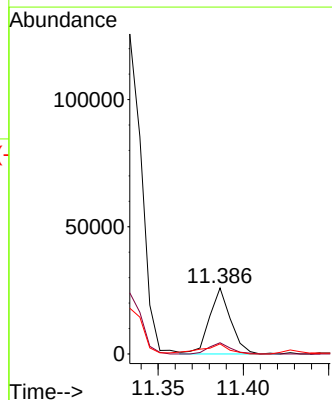
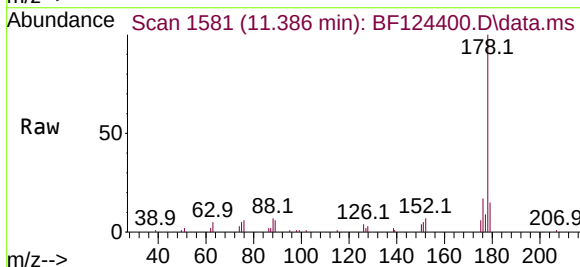
Instrument :
BNA_F
ClientSampled :
SB-6A

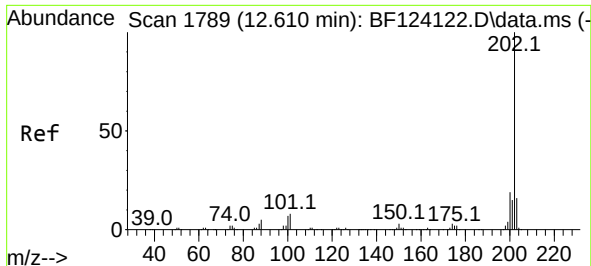
Tgt Ion:178 Resp: 101196
Ion Ratio Lower Upper
178 100
176 19.1 15.6 23.4
179 14.3 12.5 18.7



#72
Anthracene
Concen: 4.09 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:178 Resp: 22471
Ion Ratio Lower Upper
178 100
176 17.0 15.4 23.0
179 15.3 12.6 18.8

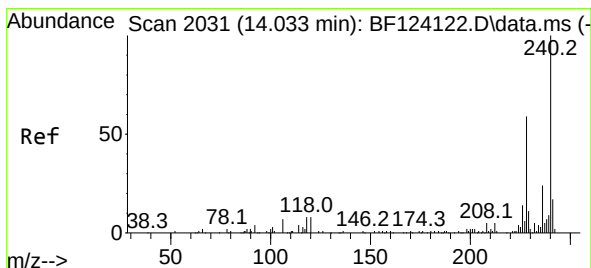
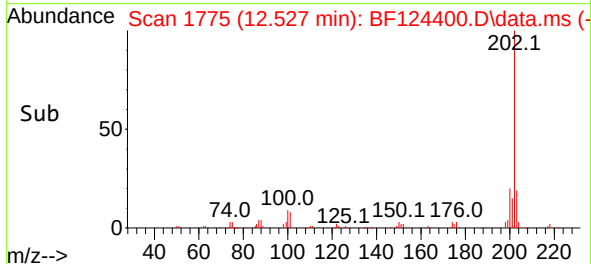
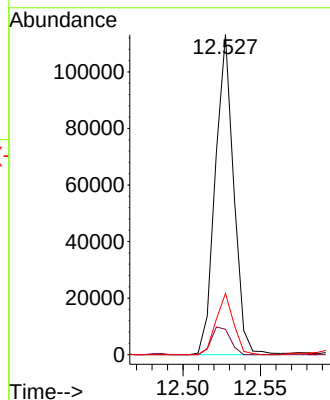
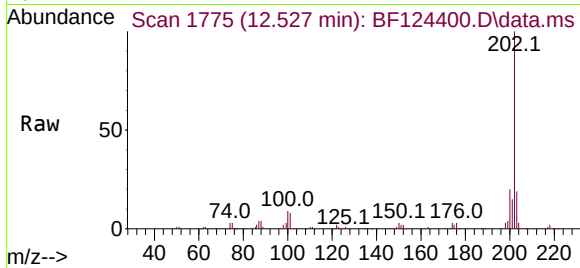




#75
Fluoranthene
Concen: 16.33 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

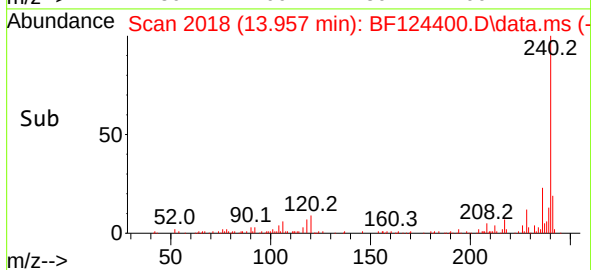
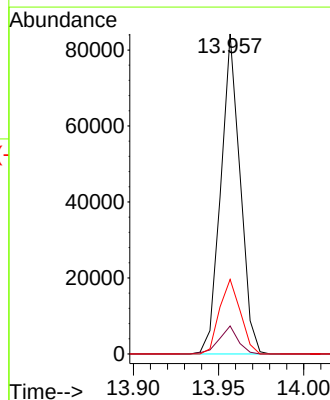
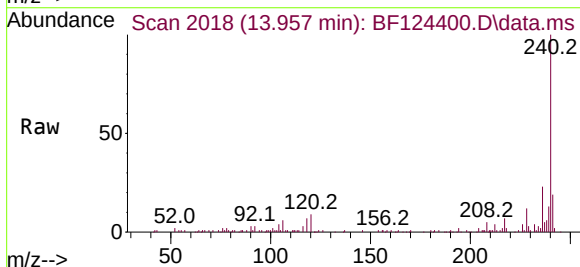
Instrument :
BNA_F
ClientSampled :
SB-6A

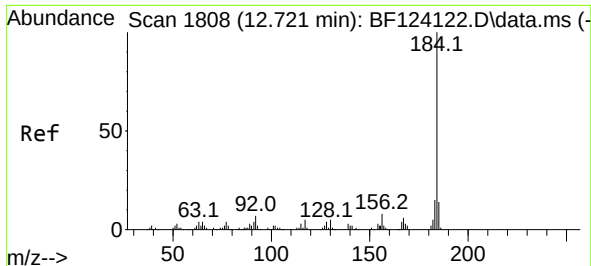
Tgt Ion:	202	Resp:	93527
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	30.9
203	19.2	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:	240	Resp:	66644
Ion Ratio	Lower	Upper	
240	100		
120	8.8	7.2	10.8
236	23.3	19.0	28.4

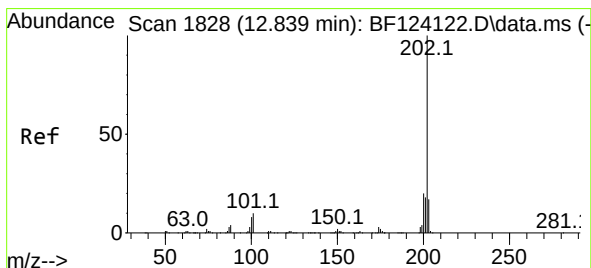
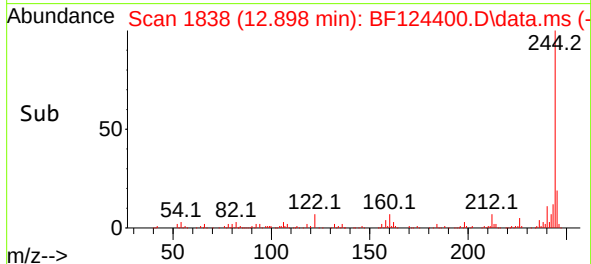
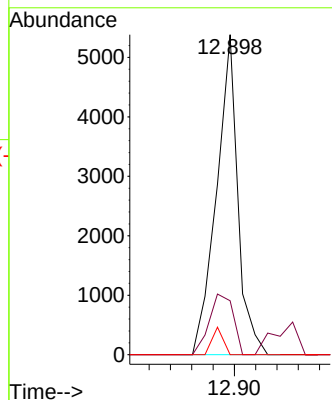
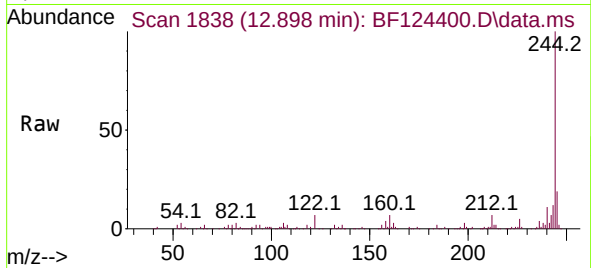




#77
Benzidine
Concen: 6.26 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

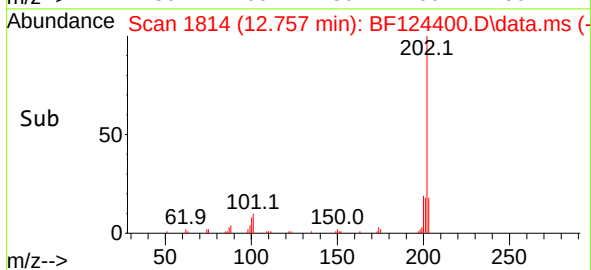
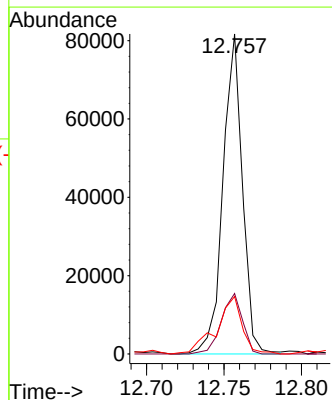
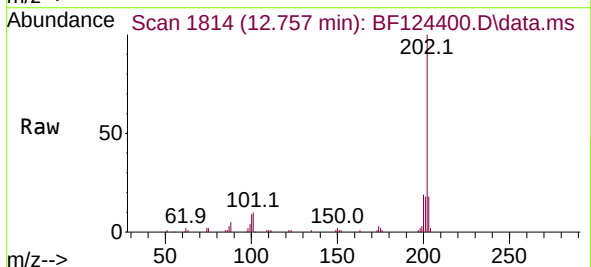
Instrument :
BNA_F
ClientSampled :
SB-6A

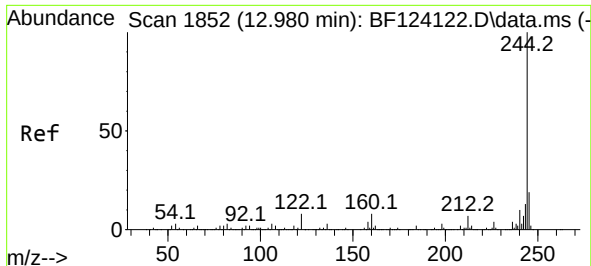
Tgt Ion:184 Resp: 3737
Ion Ratio Lower Upper
184 100
185 16.9 12.1 18.1
183 0.0 7.8 11.8#



#78
Pyrene
Concen: 11.14 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:202 Resp: 71319
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 18.0 14.8 22.2

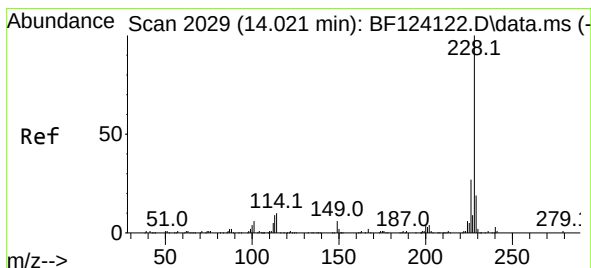
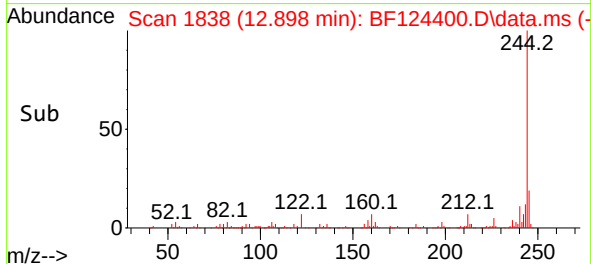
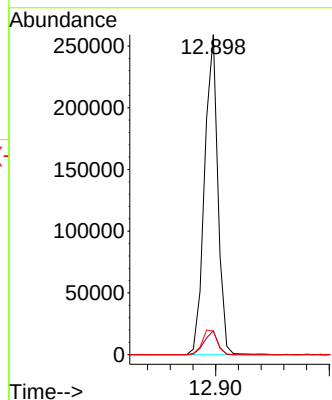
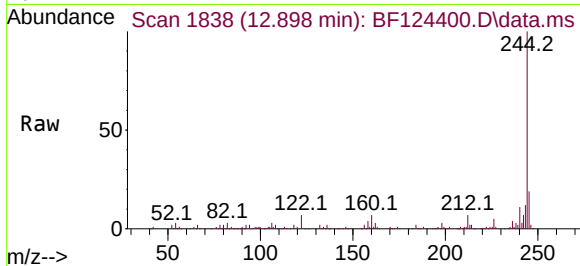




#79
 Terphenyl-d14
 Concen: 43.34 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54

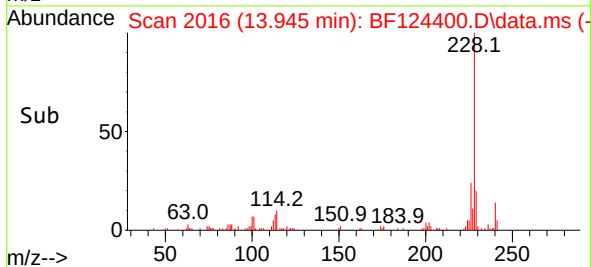
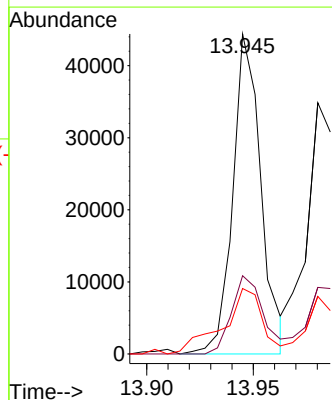
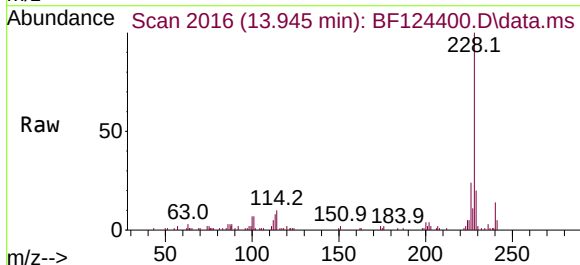
Instrument :
 BNA_F
 ClientSampled :
 SB-6A

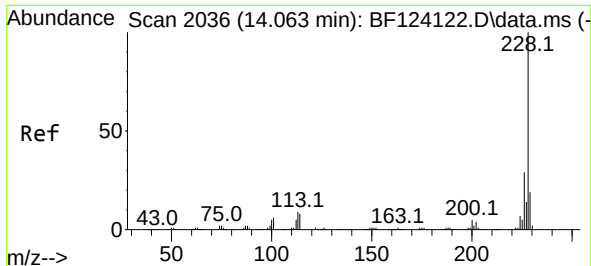
Tgt Ion:244 Resp: 210387
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 7.3 9.7 14.5#



#81
 Benzo(a)anthracene
 Concen: 8.39 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF124400.D
 Acq: 21 Jun 2021 18:54

Tgt Ion:228 Resp: 40744
 Ion Ratio Lower Upper
 228 100
 226 24.5 22.4 33.6
 229 20.5 16.0 24.0

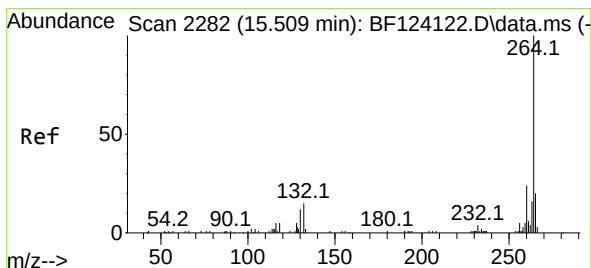
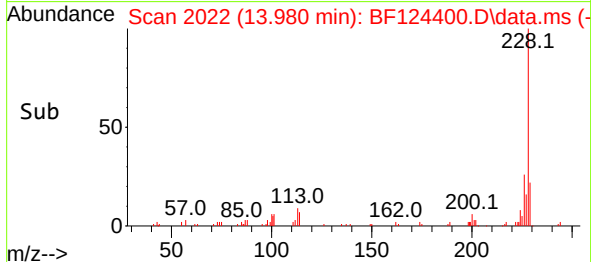
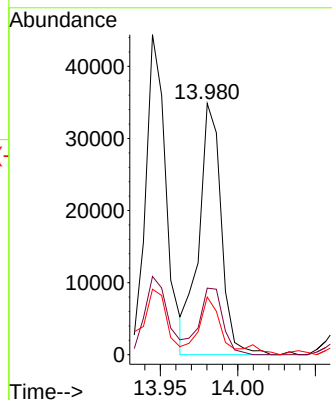
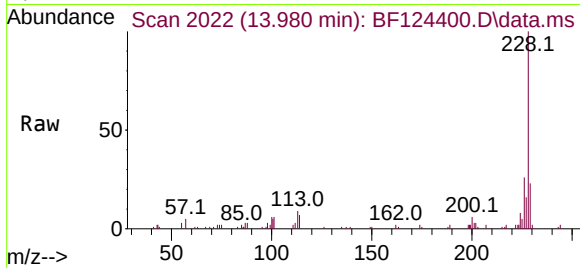




#83
Chrysene
Concen: 7.48 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

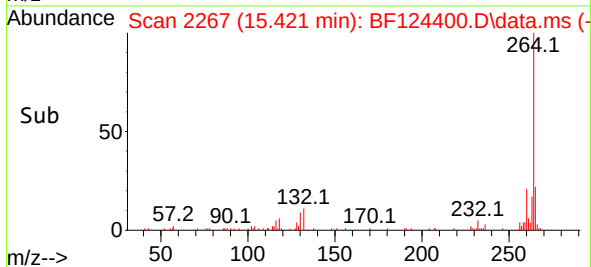
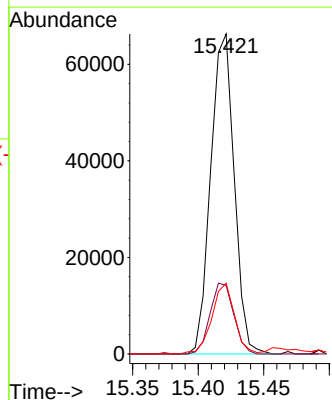
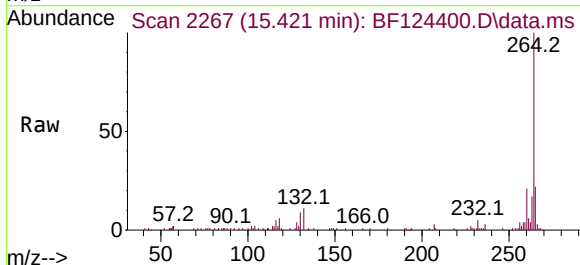
Instrument :
BNA_F
ClientSampled :
SB-6A

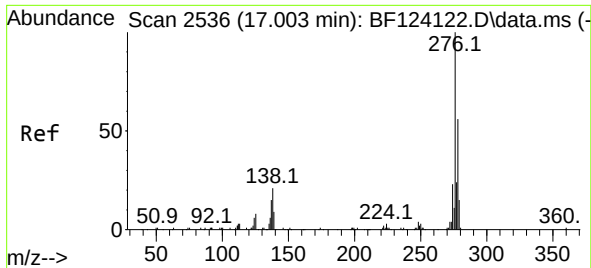
Tgt Ion:228	Resp:	35036
Ion Ratio	Lower	Upper
228	100	
226	26.5	24.3 36.5
229	22.9	16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:264	Resp:	82596
Ion Ratio	Lower	Upper
264	100	
260	21.4	18.7 28.1
265	22.1	17.8 26.8

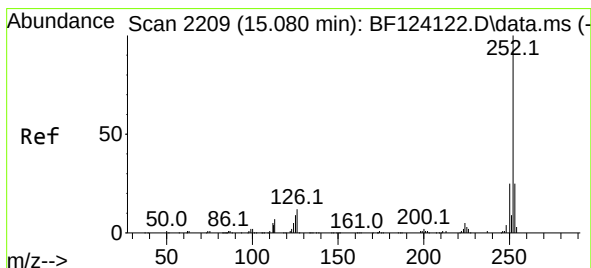
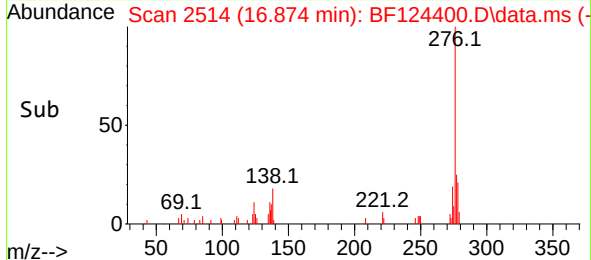
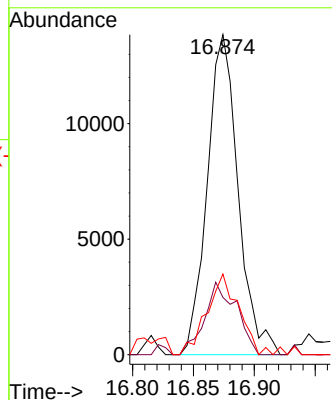
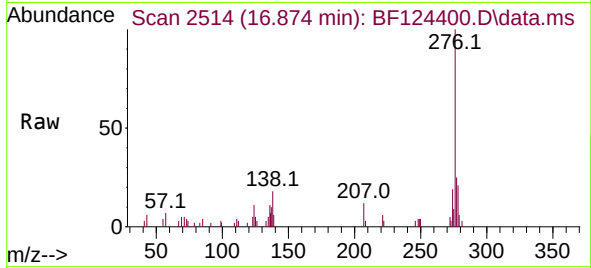




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.57 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

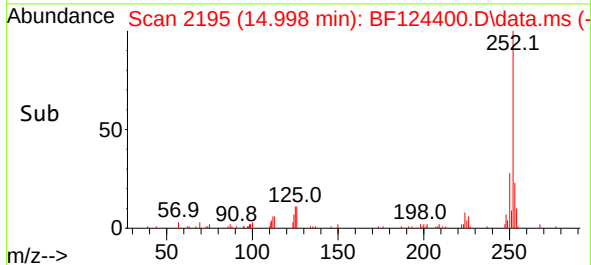
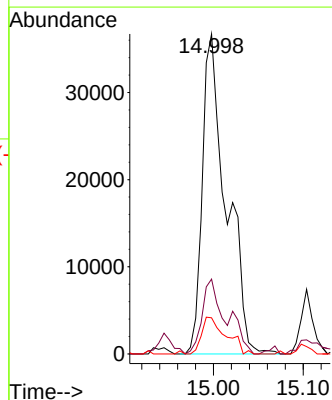
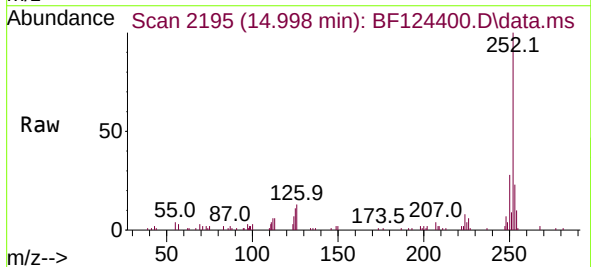
Instrument :
BNA_F
ClientSampled :
SB-6A

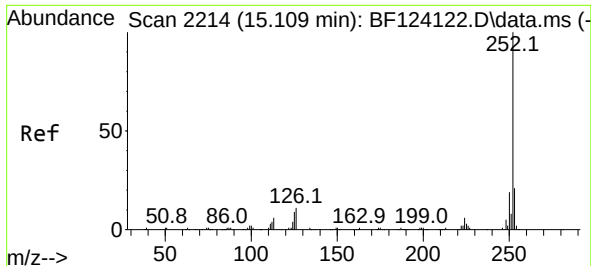
Tgt Ion:276 Resp: 24442
Ion Ratio Lower Upper
276 100
138 23.4 16.2 24.2
277 26.1 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 10.61 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Tgt Ion:252 Resp: 68076
Ion Ratio Lower Upper
252 100
253 23.4 18.1 27.1
125 11.3 6.2 9.4#

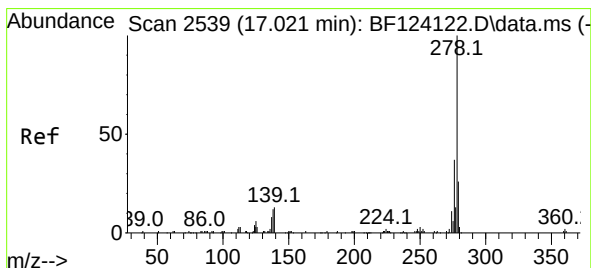
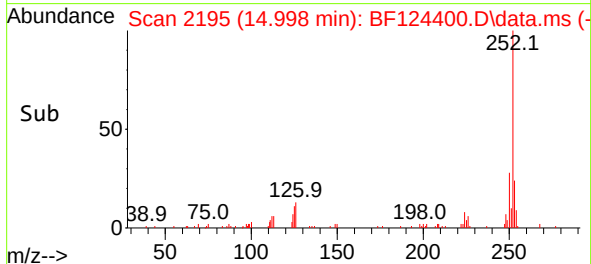
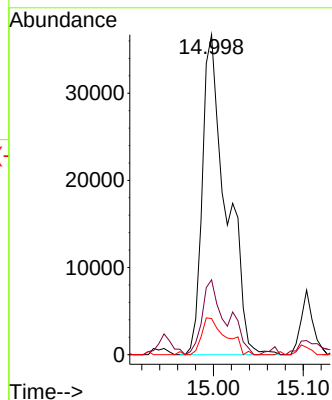
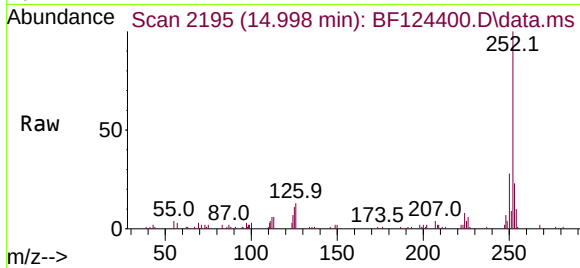




#89
Benzo(k)fluoranthene
Concen: 11.21 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

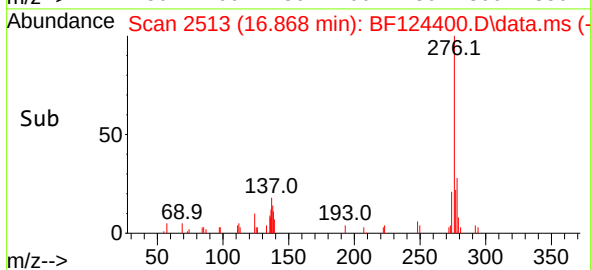
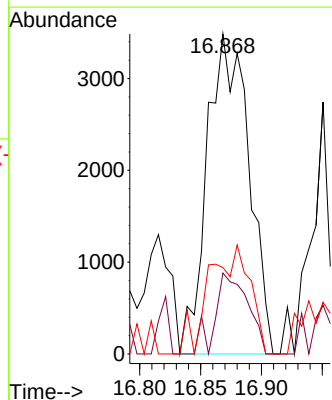
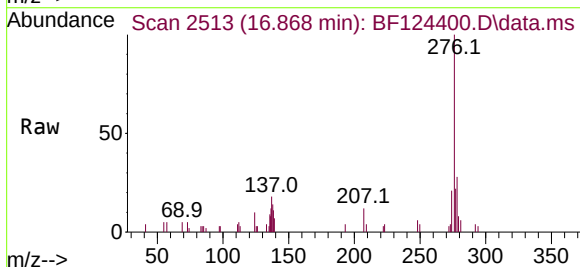
Instrument :
BNA_F
ClientSampled :
SB-6A

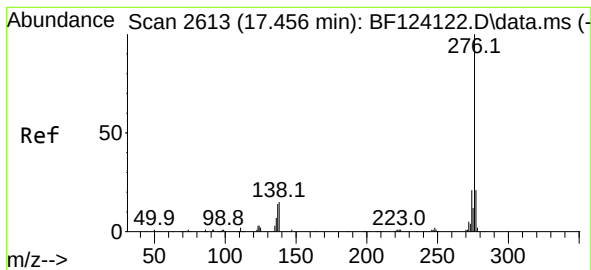
Tgt Ion:252 Resp: 68076
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 11.3 7.0 10.6#



#91
Dibenzo(a,h)anthracene
Concen: 5.47 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

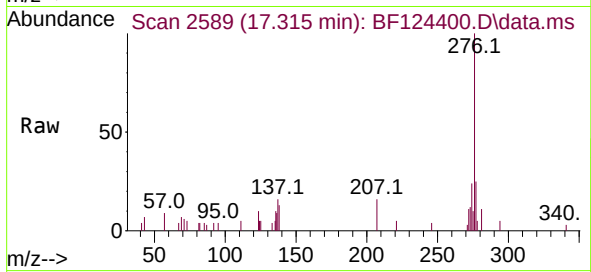
Tgt Ion:278 Resp: 8323
Ion Ratio Lower Upper
278 100
139 25.3 10.2 15.2#
279 27.0 19.4 29.0





#92
Benzo(g,h,i)perylene
Concen: 6.87 ng
RT: 17.315 min Scan# 2589
Delta R.T. 0.000 min
Lab File: BF124400.D
Acq: 21 Jun 2021 18:54

Instrument :
BNA_F
ClientSampleId :
SB-6A



Tgt Ion:	276	Resp:	19275
Ion Ratio	Lower	Upper	
276	100		
277	25.3	18.2	27.2
138	13.2	13.8	20.6#

