

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124361.D
 Acq On : 17 Jun 2021 14:07
 Operator : JU/CG
 Sample : M2746-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NEW-DORP-2

Quant Time: Jun 17 14:34:14 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)

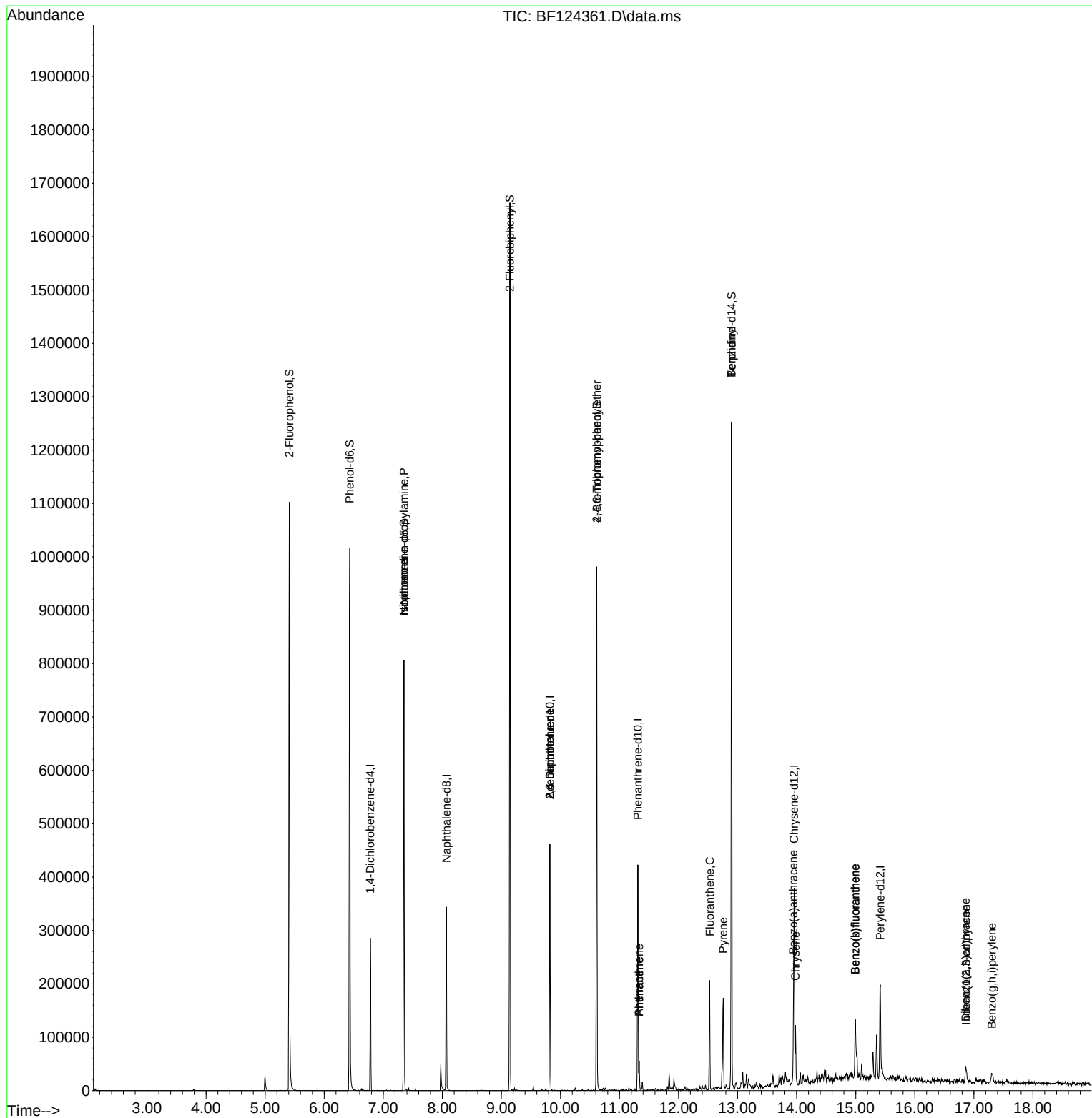
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	33262	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	130071	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	77715	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	128705	20.000	ng	0.00
76) Chrysene-d12	13.957	240	95186	20.000	ng	0.00
86) Perylene-d12	15.415	264	74700	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	237848	107.643	ng	0.00
7) Phenol-d6	6.434	99	299506	100.842	ng	-0.01
23) Nitrobenzene-d5	7.351	82	223265	68.078	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	96244	87.412	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	399363	64.665	ng	0.00
79) Terphenyl-d14	12.898	244	355984	51.347	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	31244	14.902	ng	# 66
25) Isophorone	7.351	82	223263	37.779	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	9902	6.717	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	9902	5.093	ng	# 17
67) 4-Bromophenyl-phenylether	10.616	248	6796	3.847	ng	# 1
71) Phenanthrene	11.333	178	17155	2.134	ng	97
72) Anthracene	11.333	178	17155	2.119	ng	96
75) Fluoranthene	12.527	202	76520	9.067	ng	93
77) Benzidine	12.898	184	6368	6.688	ng	# 93
78) Pyrene	12.757	202	67686	7.405	ng	98
81) Benzo(a)anthracene	13.945	228	43986	6.343	ng	95
83) Chrysene	13.980	228	35153	5.254	ng	97
87) Indeno(1,2,3-cd)pyrene	16.868	276	14913	6.517	ng	# 88
88) Benzo(b)fluoranthene	14.992	252	70323	12.119	ng	# 94
89) Benzo(k)fluoranthene	14.992	252	70323	12.802	ng	96
91) Dibenzo(a,h)anthracene	16.862	278	5055	5.045	ng	# 88
92) Benzo(g,h,i)perylene	17.303	276	13887	6.249	ng	# 83

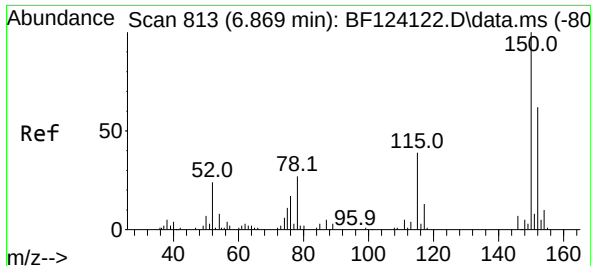
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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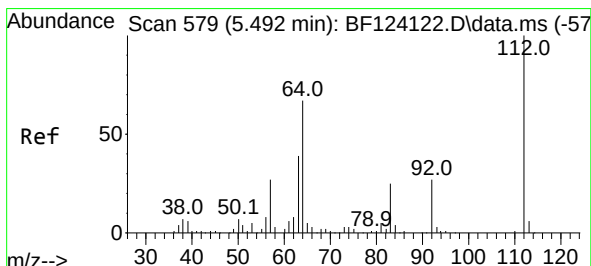
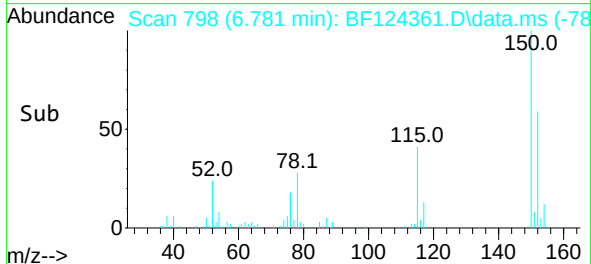
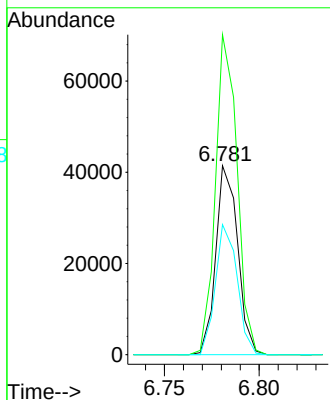
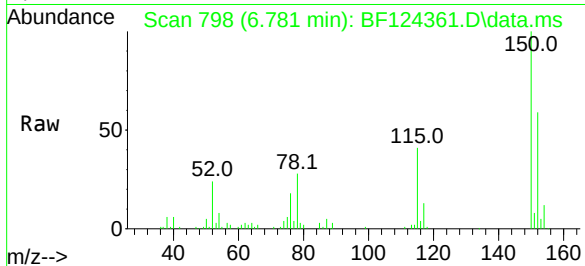




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

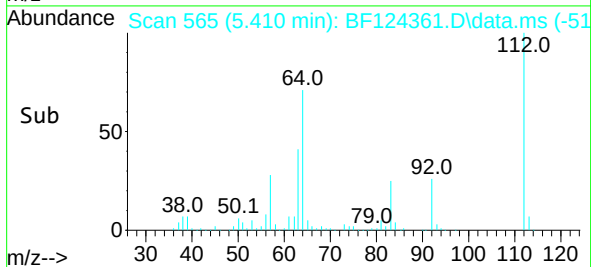
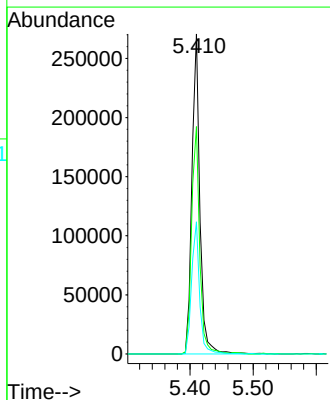
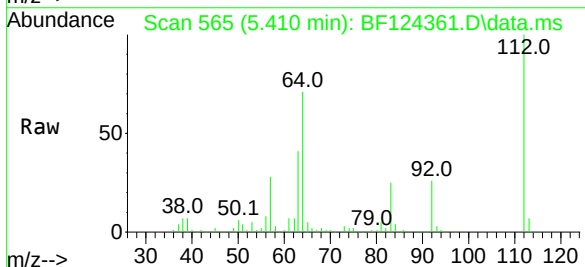
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

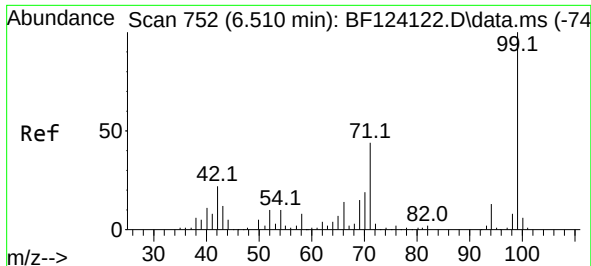
Tgt Ion:152 Resp: 33262
Ion Ratio Lower Upper
152 100
150 169.4 127.0 190.6
115 68.9 54.3 81.5



#5
2-Fluorophenol
Concen: 107.643 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:112 Resp: 237848
Ion Ratio Lower Upper
112 100
64 71.0 61.4 92.0
63 41.3 33.0 49.4

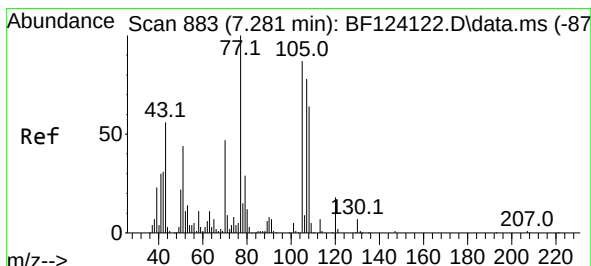
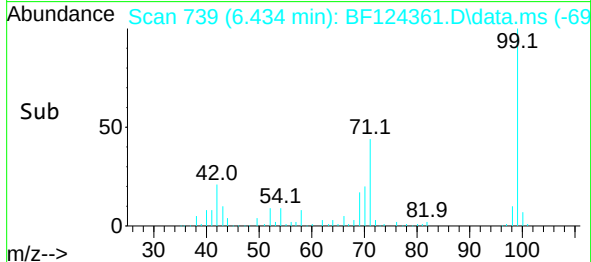
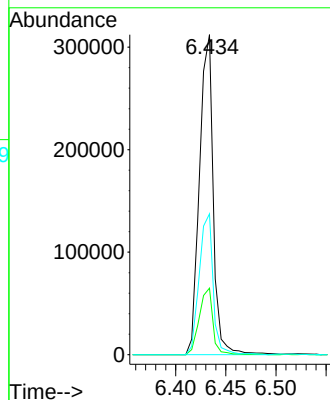
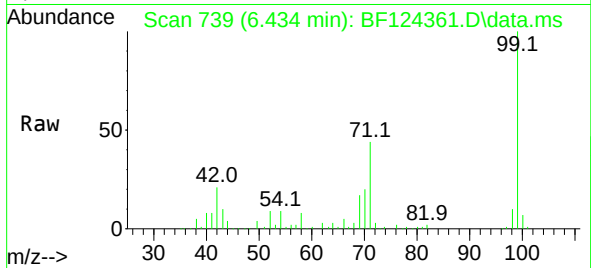




#7
Phenol-d6
Concen: 100.842 ng
RT: 6.434 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

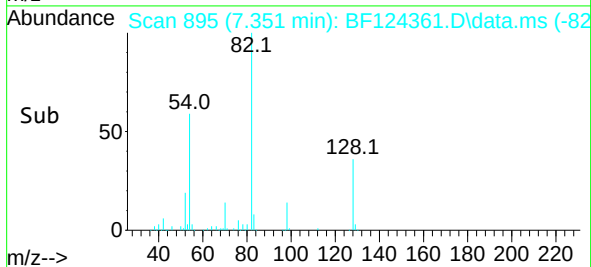
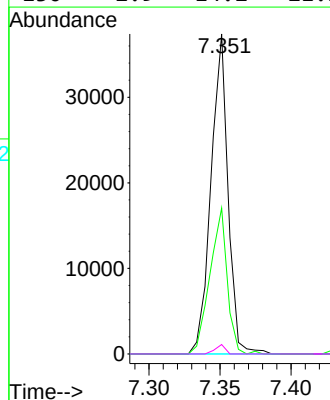
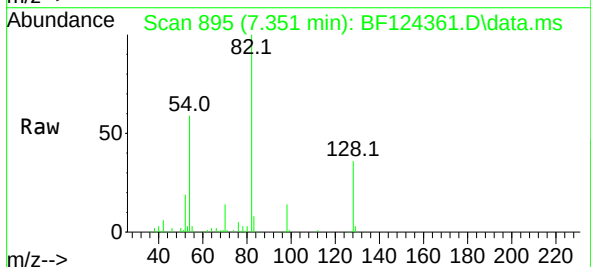
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

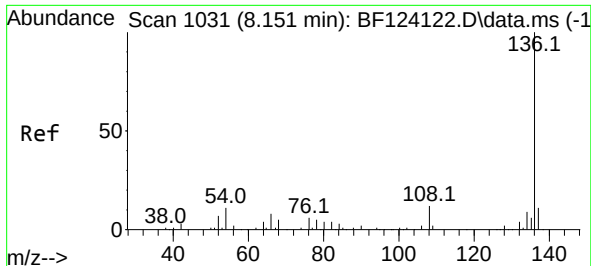
Tgt Ion: 99 Resp: 299506
Ion Ratio Lower Upper
99 100
42 20.8 19.8 29.8
71 44.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.902 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

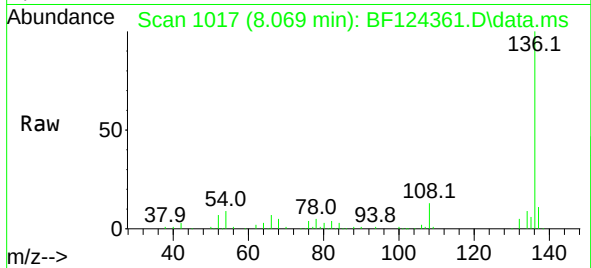
Tgt Ion: 70 Resp: 31244
Ion Ratio Lower Upper
70 100
42 45.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.9 14.2 21.2#



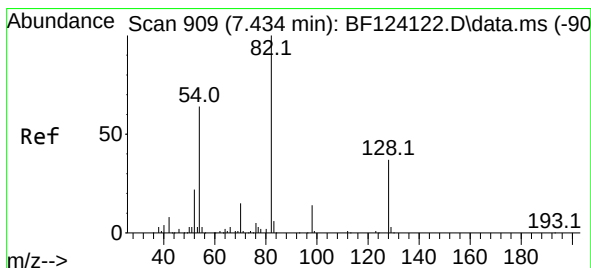
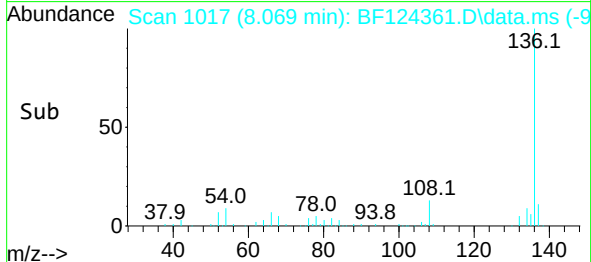
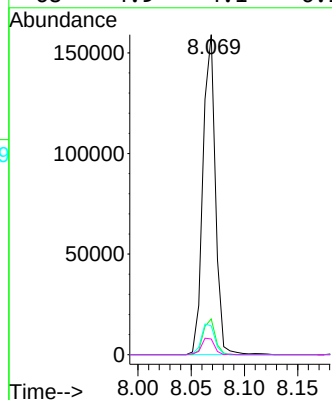


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

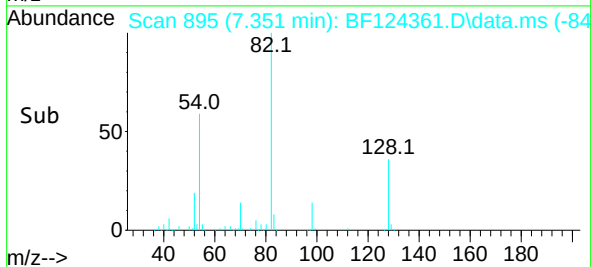
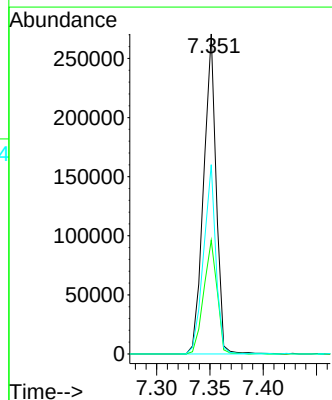
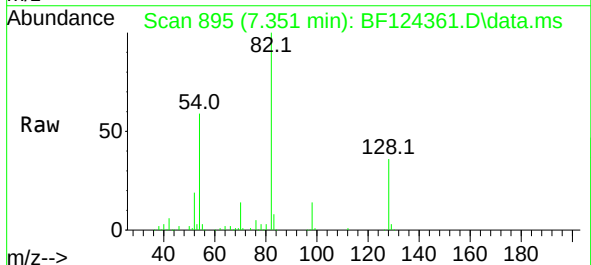


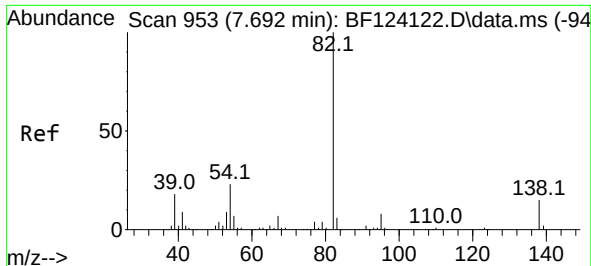
Tgt Ion:136 Resp: 130071
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 9.0 9.8 14.6#
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 68.078 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion: 82 Resp: 223265
Ion Ratio Lower Upper
82 100
128 35.6 29.4 44.2
54 59.2 54.1 81.1

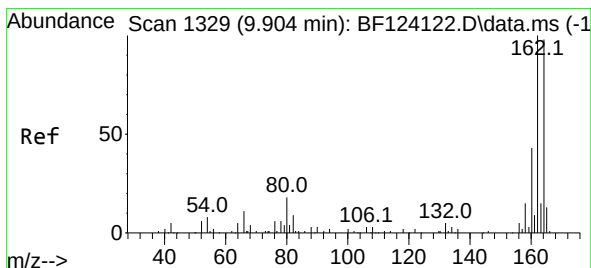
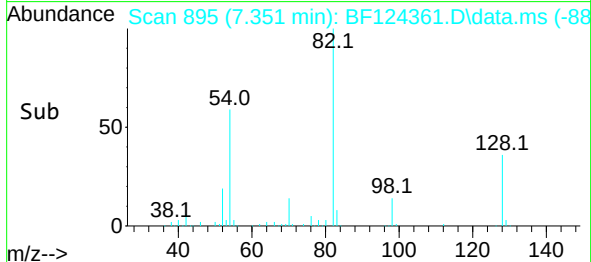
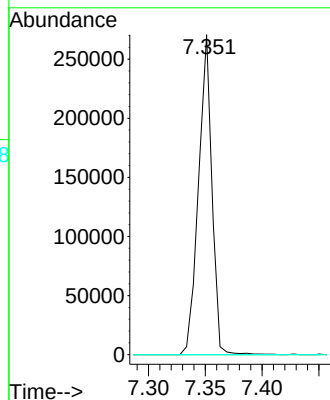
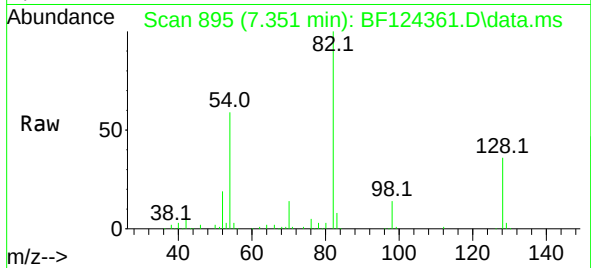




#25
Isophorone
Concen: 37.779 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

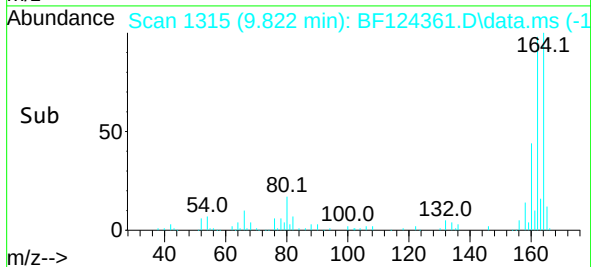
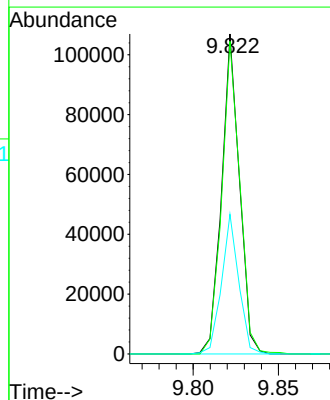
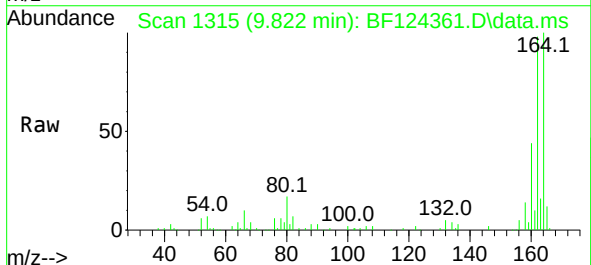
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

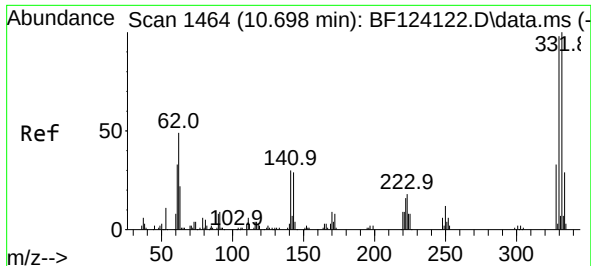
Tgt Ion: 82 Resp: 223263
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

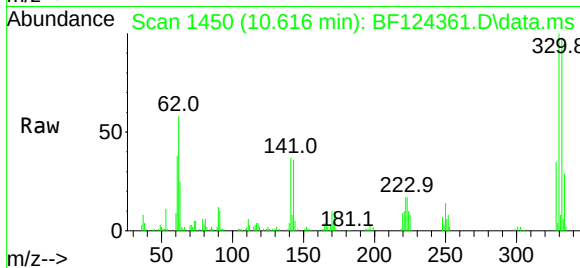
Tgt Ion: 164 Resp: 77715
Ion Ratio Lower Upper
164 100
162 97.7 80.7 121.1
160 43.6 37.3 55.9



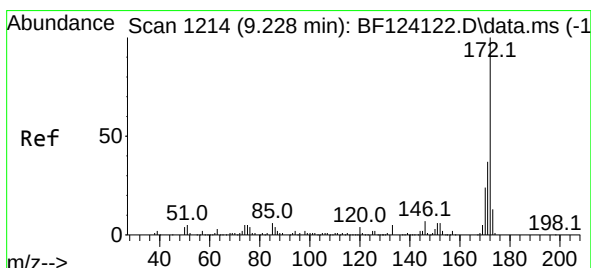
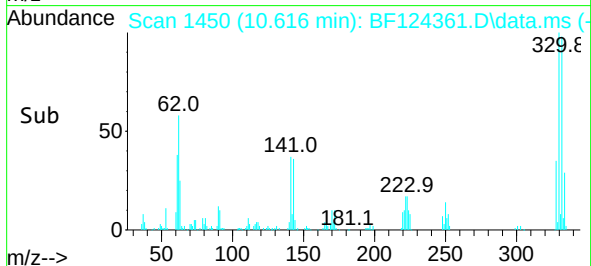
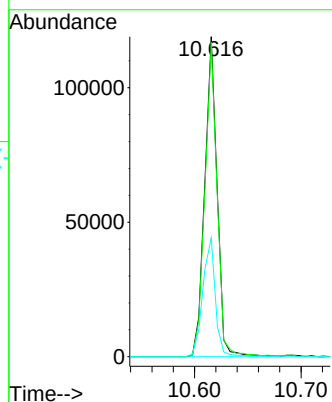


#42
2,4,6-Tribromophenol
Concen: 87.412 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

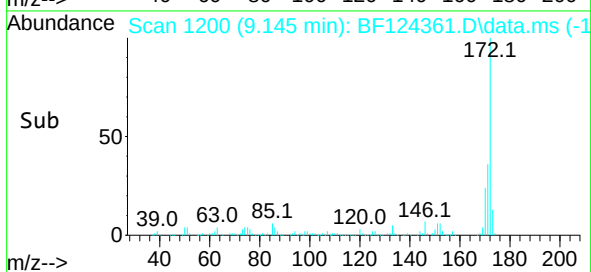
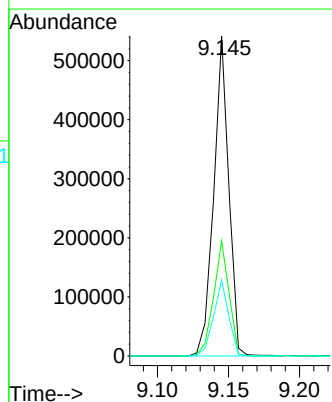
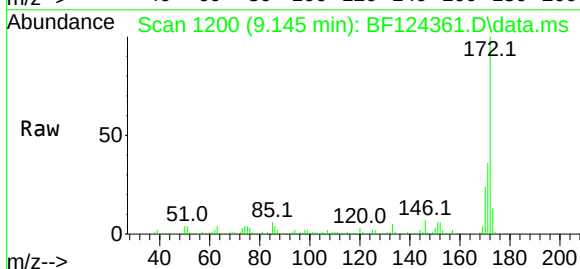


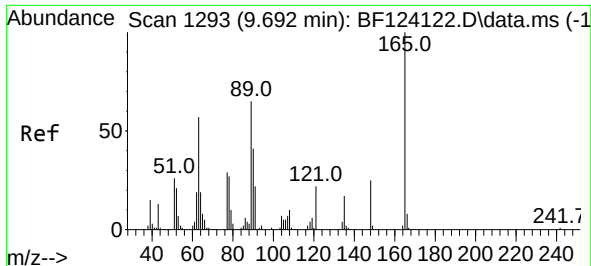
Tgt Ion: 330 Resp: 96244
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 64.665 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion: 172 Resp: 399363
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.7 19.2 28.8

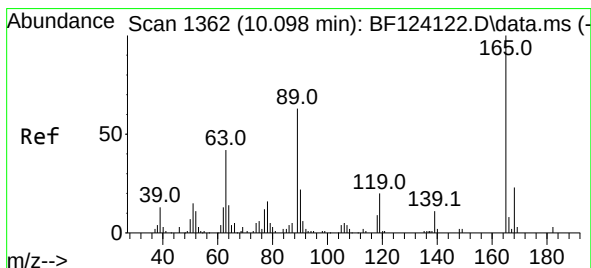
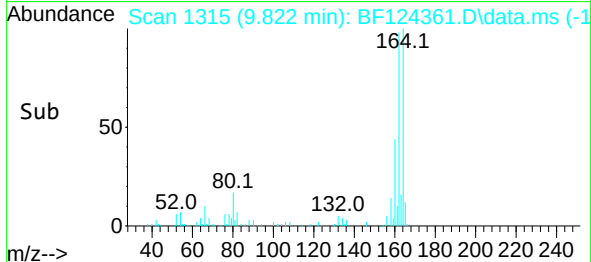
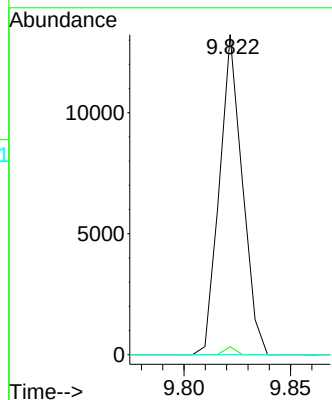
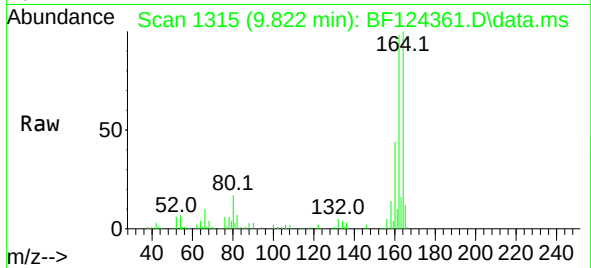




#51
2,6-Dinitrotoluene
Concen: 6.717 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

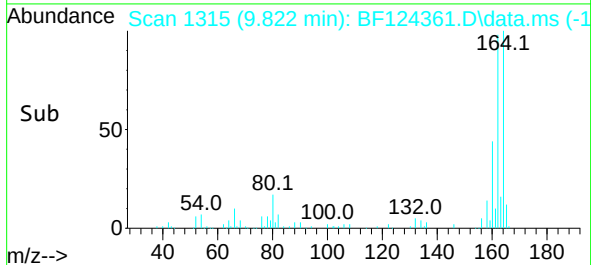
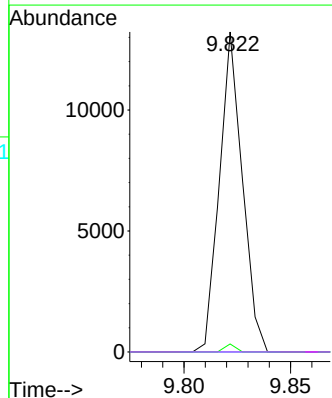
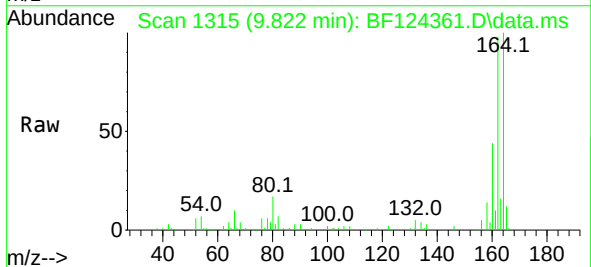
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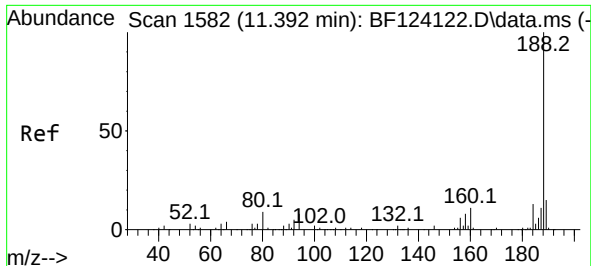
Tgt Ion:165 Resp: 9902
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.093 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:165 Resp: 9902
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

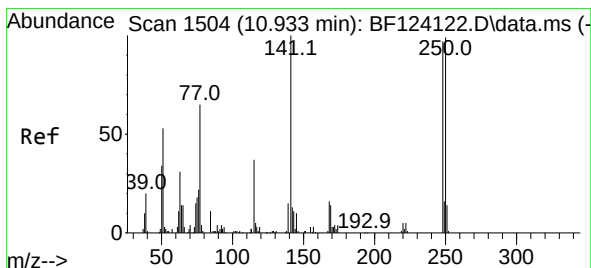
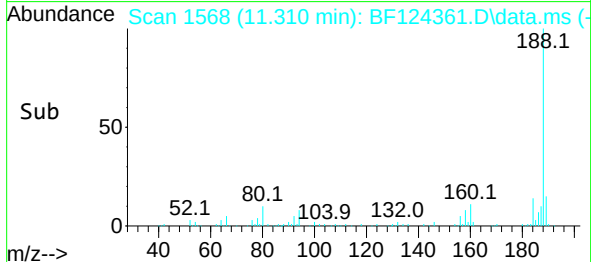
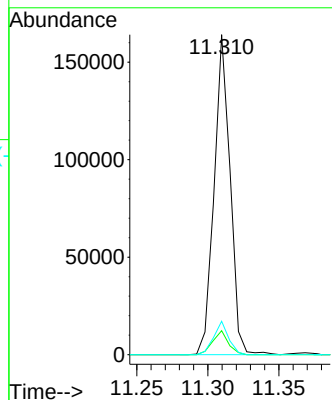
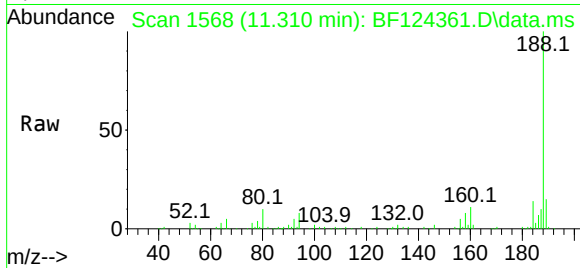




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

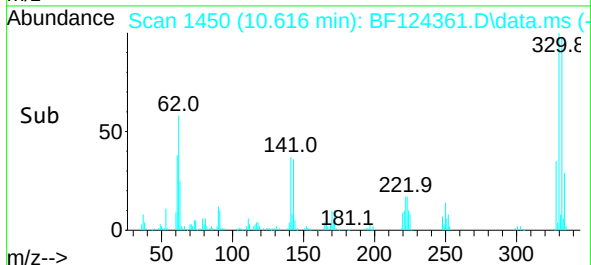
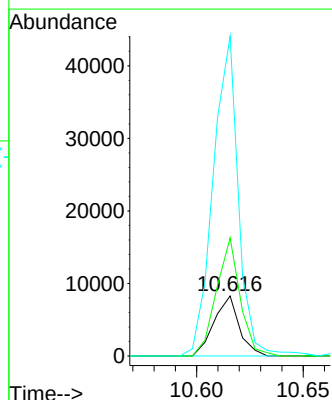
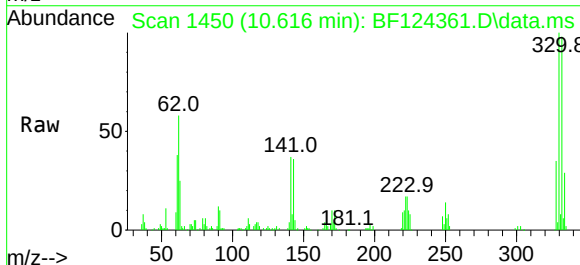
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

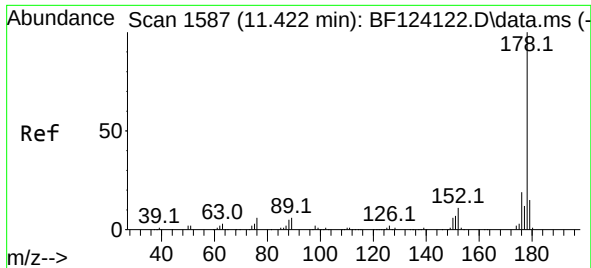
Tgt Ion:188 Resp: 128705
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 10.4 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.847 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.247 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:248 Resp: 6796
Ion Ratio Lower Upper
248 100
250 196.7 77.4 116.2#
141 533.3 63.7 95.5#

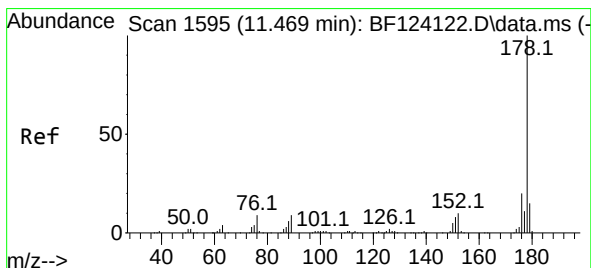
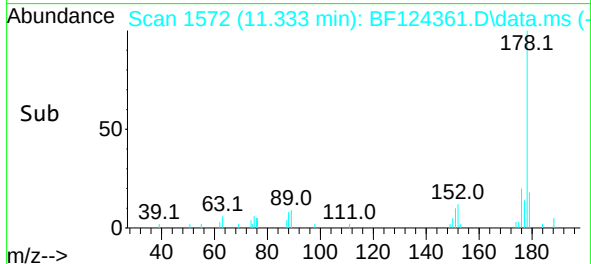
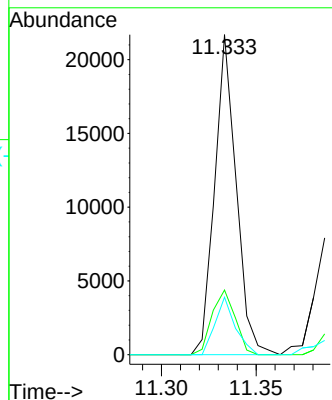
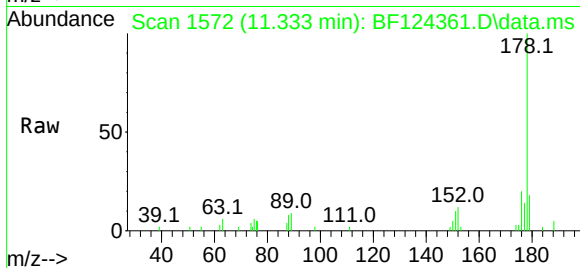




#71
Phenanthrene
Concen: 2.134 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

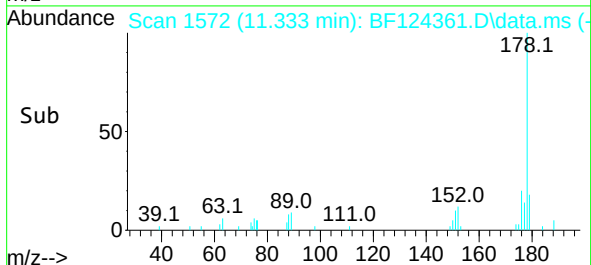
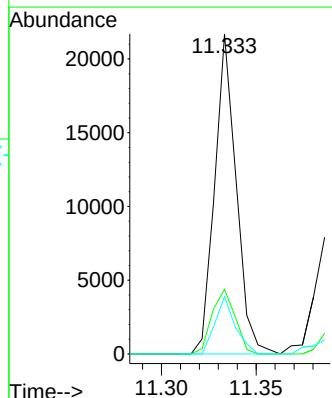
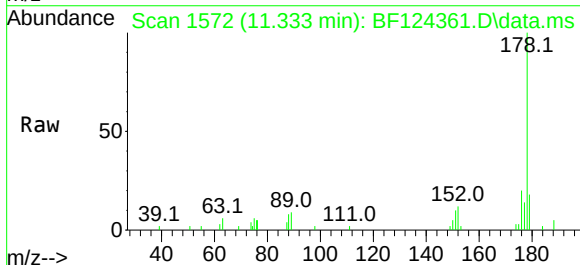
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

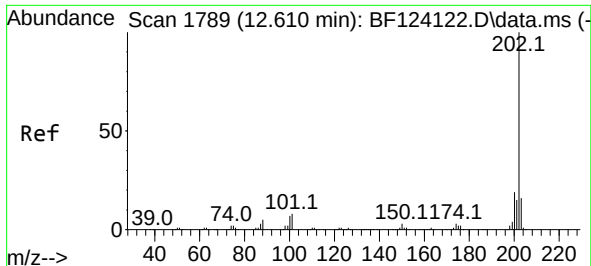
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	18.0	12.5	18.7



#72
Anthracene
Concen: 2.119 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.065 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.4	23.0
179	18.0	12.6	18.8

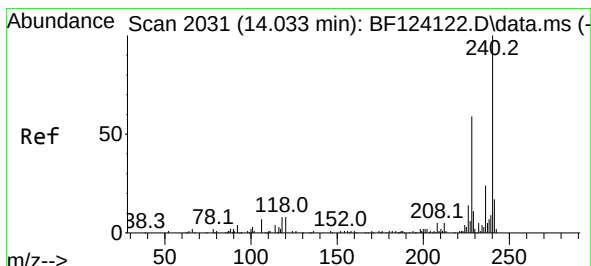
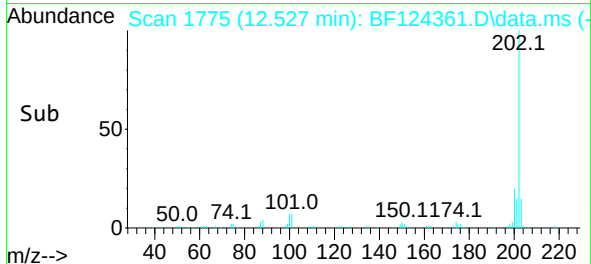
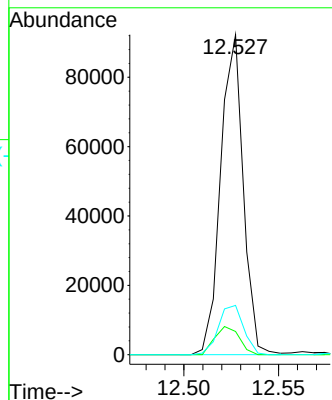
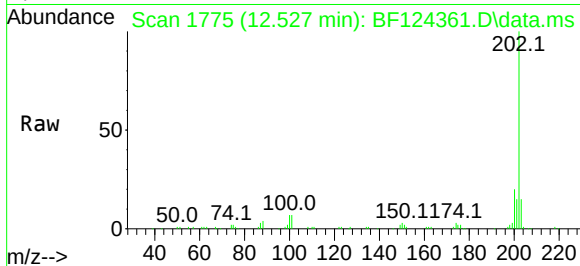




#75
Fluoranthene
Concen: 9.067 ng
RT: 12.527 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

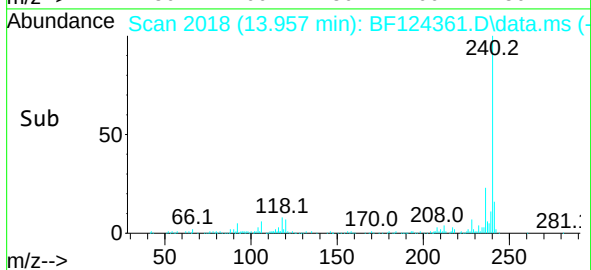
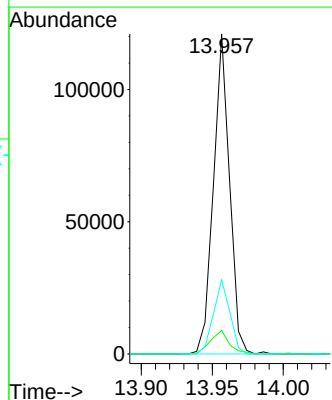
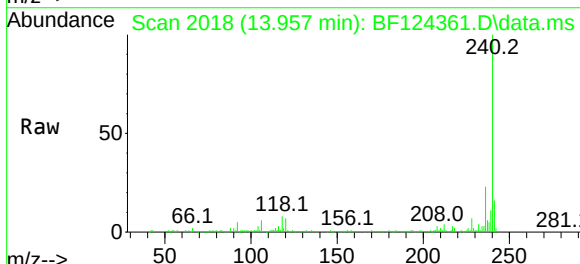
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

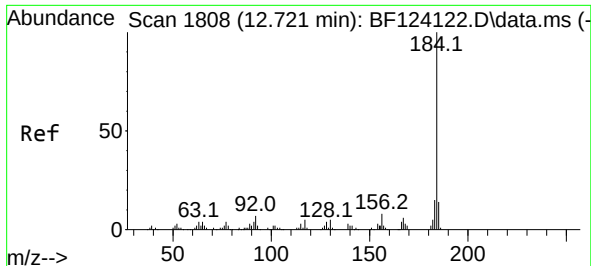
Tgt Ion:202	Resp:	76520
Ion Ratio	Lower	Upper
202	100	
101	7.3	0.0 30.9
203	15.4	0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:240	Resp:	95186
Ion Ratio	Lower	Upper
240	100	
120	7.4	7.2 10.8
236	23.2	19.0 28.4

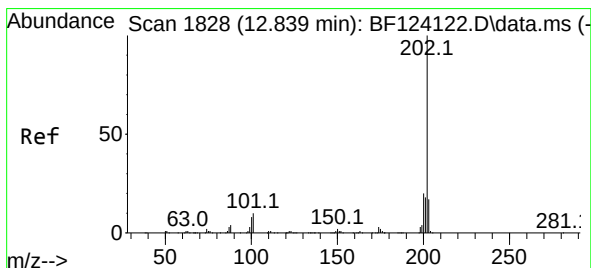
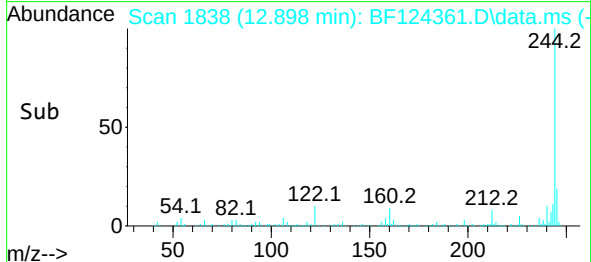
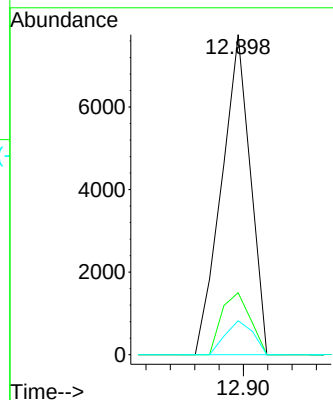
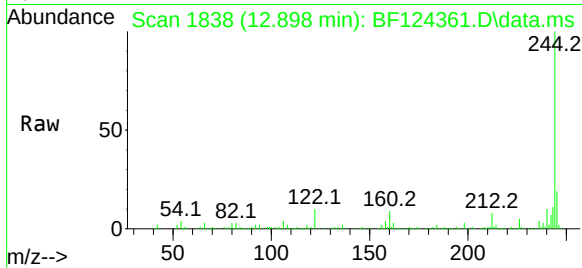




#77
Benzidine
Concen: 6.688 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

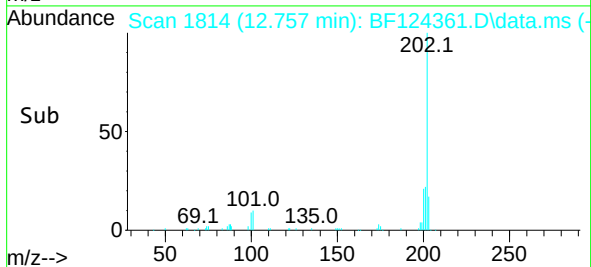
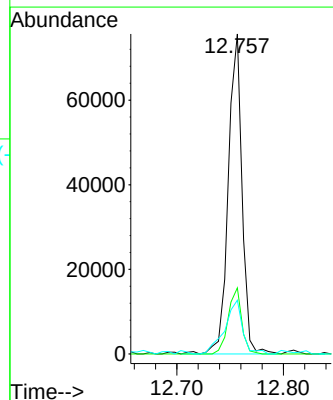
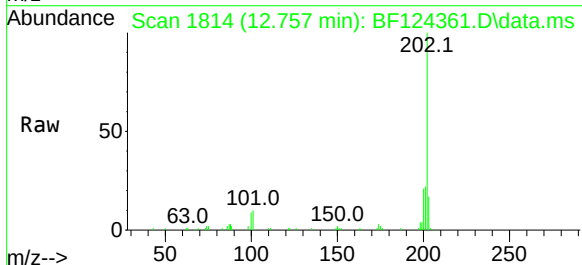
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

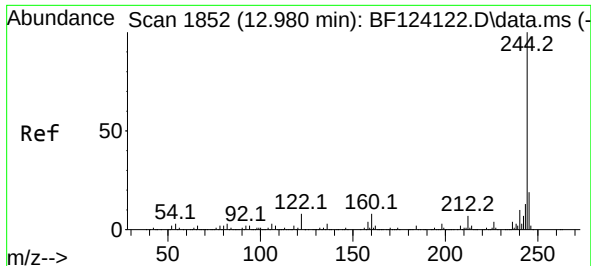
Tgt Ion:184 Resp: 6368
Ion Ratio Lower Upper
184 100
185 19.3 12.1 18.1#
183 10.6 7.8 11.8



#78
Pyrene
Concen: 7.405 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:202 Resp: 67686
Ion Ratio Lower Upper
202 100
200 20.7 16.1 24.1
203 16.8 14.8 22.2

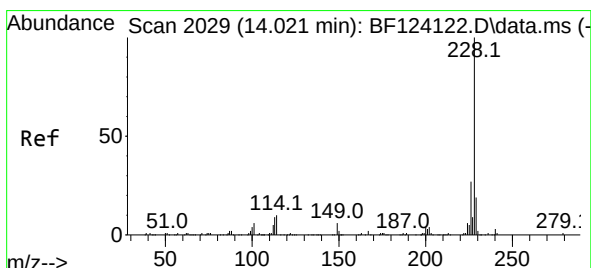
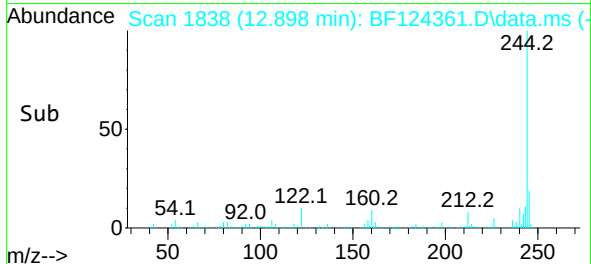
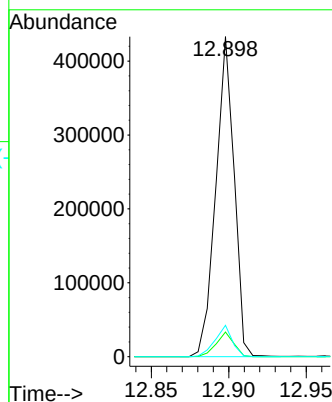
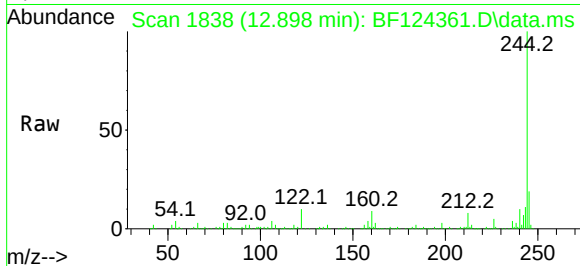




#79
 Terphenyl-d14
 Concen: 51.347 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF124361.D
 Acq: 17 Jun 2021 14:07

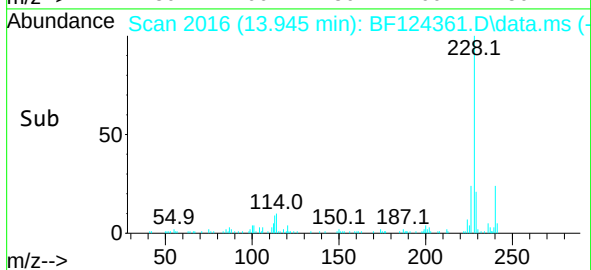
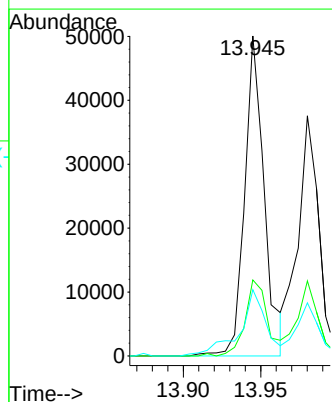
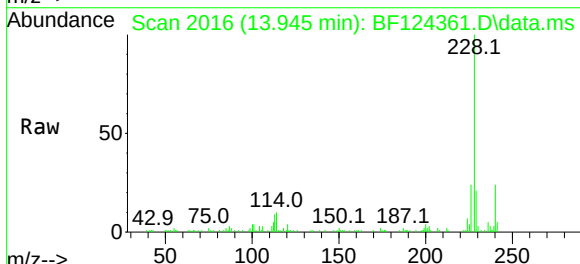
Instrument :
 BNA_F
 ClientSampleId :
 NEW-DORP-2

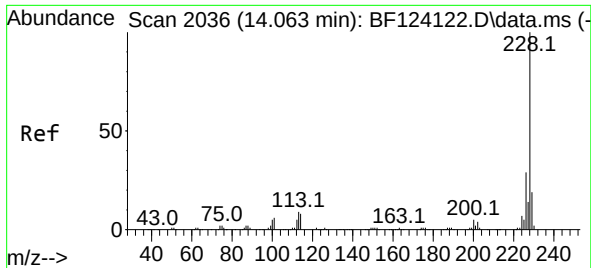
Tgt Ion:244 Resp: 355984
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.8 9.7 14.5



#81
 Benzo(a)anthracene
 Concen: 6.343 ng
 RT: 13.945 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF124361.D
 Acq: 17 Jun 2021 14:07

Tgt Ion:228 Resp: 43986
 Ion Ratio Lower Upper
 228 100
 226 23.7 22.4 33.6
 229 20.7 16.0 24.0

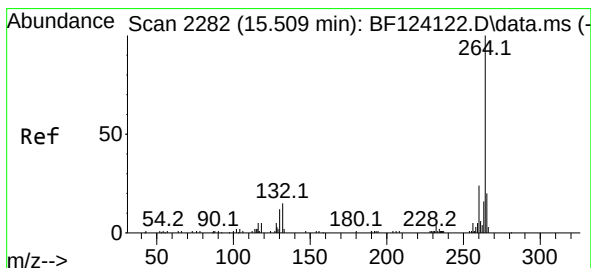
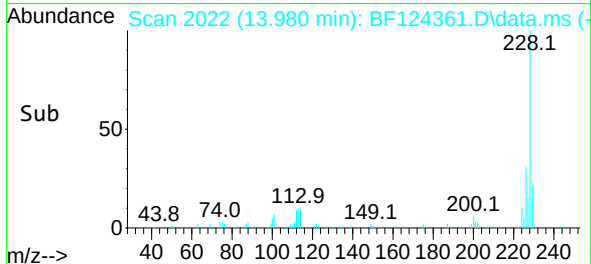
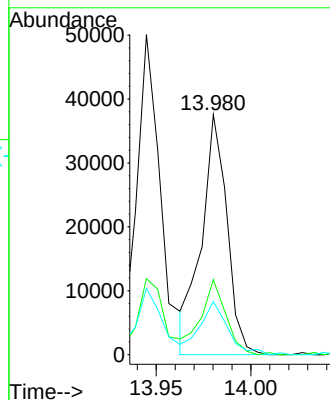
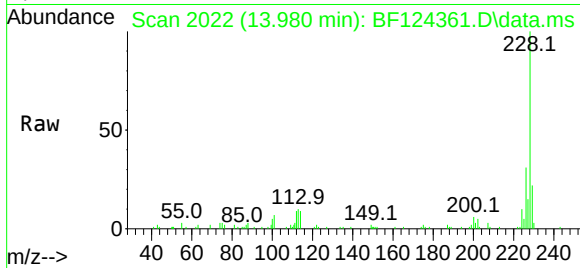




#83
Chrysene
Concen: 5.254 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

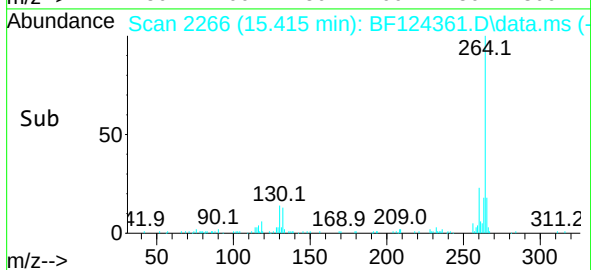
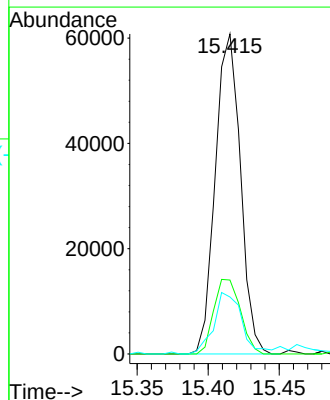
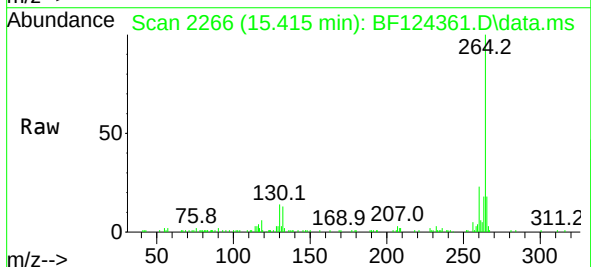
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

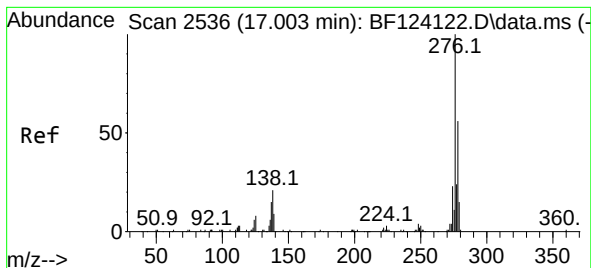
Tgt Ion:228	Resp:	35153
Ion Ratio	Lower	Upper
228	100	
226	31.3	24.3 36.5
229	22.1	16.2 24.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:264	Resp:	74700
Ion Ratio	Lower	Upper
264	100	
260	23.1	18.7 28.1
265	17.8	17.8 26.8#





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.517 ng

RT: 16.868 min Scan# 2513

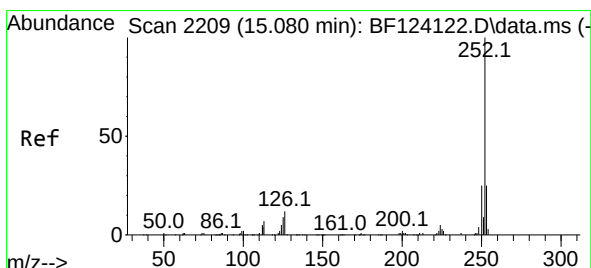
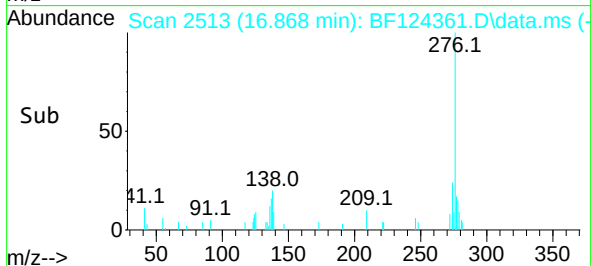
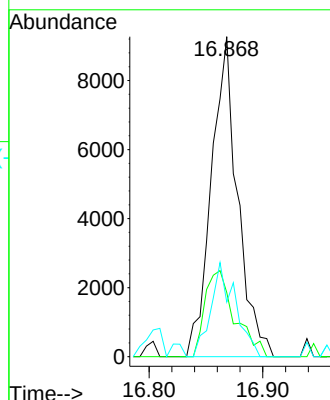
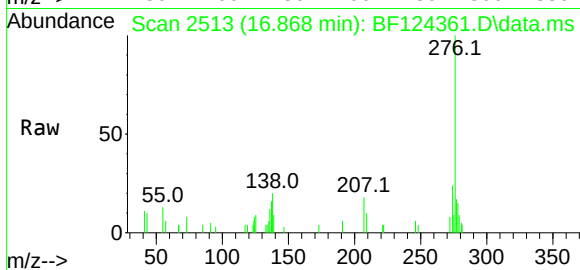
Delta R.T. -0.006 min

Lab File: BF124361.D

Acq: 17 Jun 2021 14:07

Tgt Ion:	276	Resp:	14913
Ion Ratio	Lower	Upper	
276	100		
138	30.7	16.2	24.2#
277	27.2	20.1	30.1

Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2



#88

Benzo(b)fluoranthene

Concen: 12.119 ng

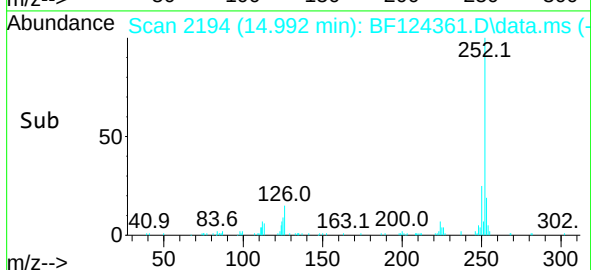
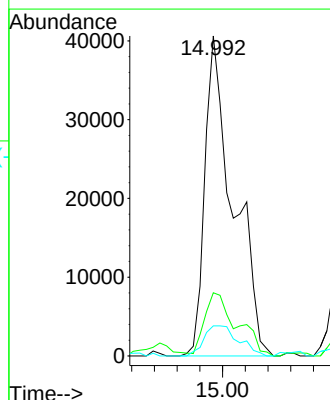
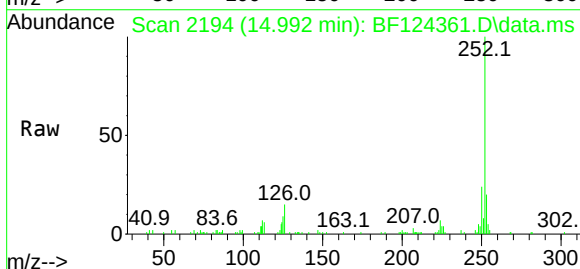
RT: 14.992 min Scan# 2194

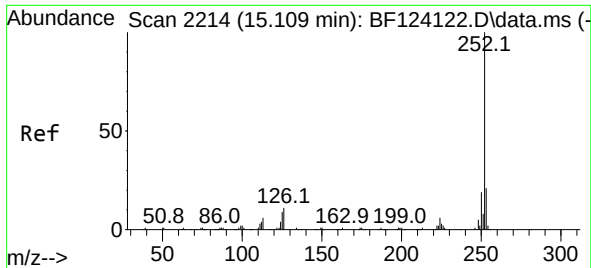
Delta R.T. -0.006 min

Lab File: BF124361.D

Acq: 17 Jun 2021 14:07

Tgt Ion:	252	Resp:	70323
Ion Ratio	Lower	Upper	
252	100		
253	19.8	18.1	27.1
125	9.4	6.2	9.4#

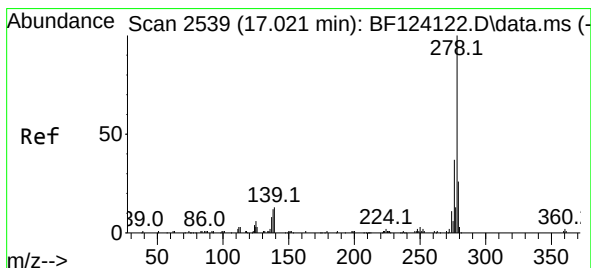
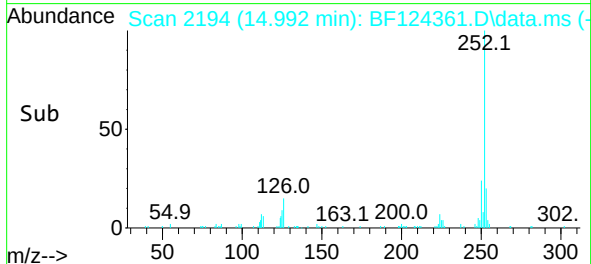
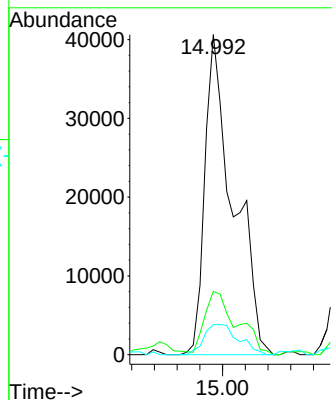
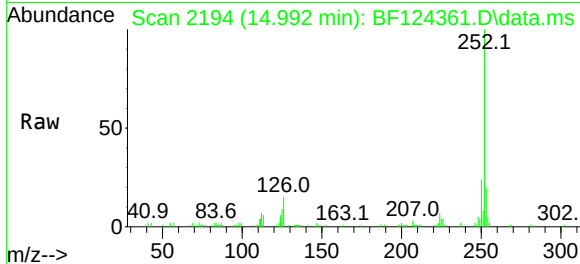




#89
Benzo(k)fluoranthene
Concen: 12.802 ng
RT: 14.992 min Scan# 2194
Delta R.T. -0.035 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

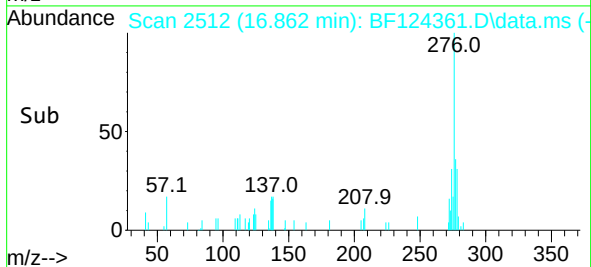
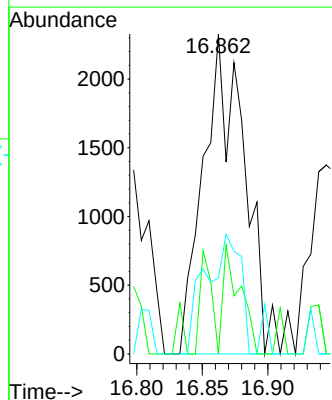
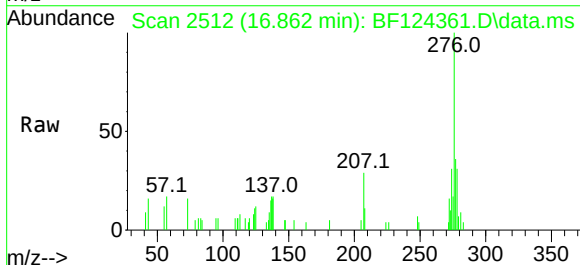
Instrument :
BNA_F
ClientSampleId :
NEW-DORP-2

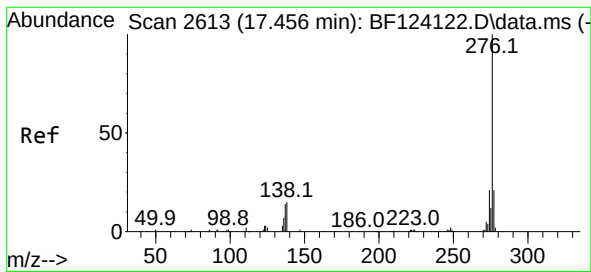
Tgt Ion:252 Resp: 70323
Ion Ratio Lower Upper
252 100
253 19.8 17.9 26.9
125 9.4 7.0 10.6



#91
Dibenzo(a,h)anthracene
Concen: 5.045 ng
RT: 16.862 min Scan# 2512
Delta R.T. -0.023 min
Lab File: BF124361.D
Acq: 17 Jun 2021 14:07

Tgt Ion:278 Resp: 5055
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 23.7 19.4 29.0





#92

Benzo(g,h,i)perylene

Concen: 6.249 ng

RT: 17.303 min Scan# 2587

Delta R.T. -0.012 min

Lab File: BF124361.D

Acq: 17 Jun 2021 14:07

Tgt Ion: 276 Resp: 13887

Ion Ratio Lower Upper

276 100

277 34.4 18.2 27.2#

138 13.9 13.8 20.6

