

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126524.D
 Acq On : 6 Jan 2022 18:04
 Operator : JU/CG
 Sample : N1038-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RP-RB21137

Quant Time: Jan 07 08:33:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

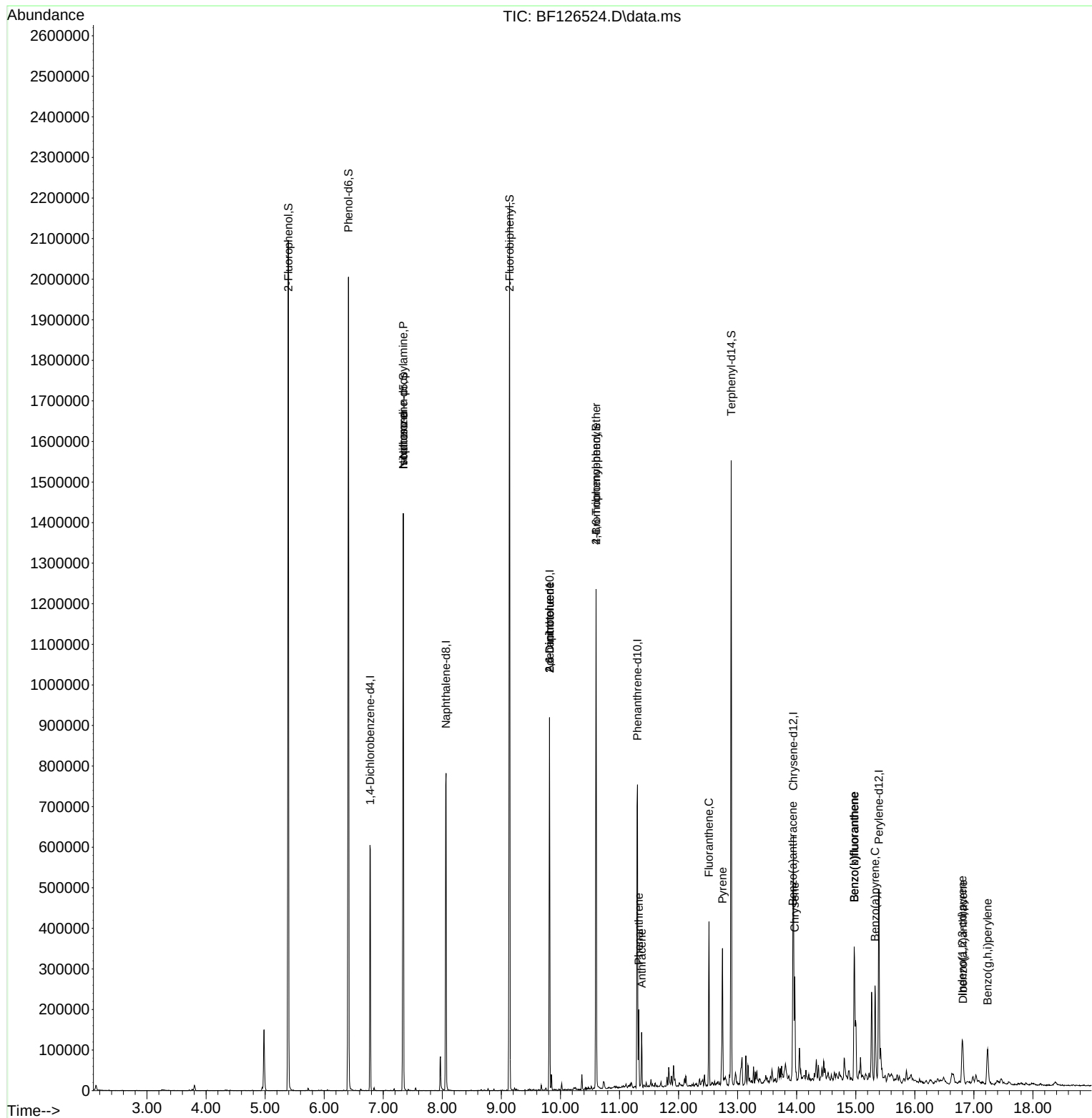
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	90669	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	380574	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	174259	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	268604	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	162302	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	185662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	581254	92.062	ng	0.00
7) Phenol-d6	6.410	99	733015	89.637	ng	-0.01
23) Nitrobenzene-d5	7.339	82	463614	62.550	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	133317	99.004	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	665873	67.242	ng	-0.01
79) Terphenyl-d14	12.892	244	483138	57.837	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	57353	12.291	ng	# 81
25) Isophorone	7.339	82	463102	34.903	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	22057	9.388	ng	# 20
57) 2,4-Dinitrotoluene	9.816	165	22057	7.277	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	7165	3.005	ng	# 1
71) Phenanthrene	11.327	178	71160	5.182	ng	98
72) Anthracene	11.374	178	45882	3.339	ng	98
75) Fluoranthene	12.516	202	144634	11.540	ng	99
77) Benzidine	12.892	184	6230	Below Cal	#	96
78) Pyrene	12.745	202	124751	9.095	ng	99
81) Benzo(a)anthracene	13.933	228	62766	6.725	ng	99
83) Chrysene	13.968	228	101080	10.558	ng	97
87) Indeno(1,2,3-cd)pyrene	16.804	276	71434	5.749	ng	97
88) Benzo(b)fluoranthene	14.974	252	219370	19.834	ng	99
89) Benzo(k)fluoranthene	14.974	252	219370	20.475	ng	99
90) Benzo(a)pyrene	15.327	252	103810	11.194	ng	99
91) Dibenzo(a,h)anthracene	16.815	278	21124	2.107	ng	95
92) Benzo(g,h,i)perylene	17.233	276	63917	5.987	ng	97

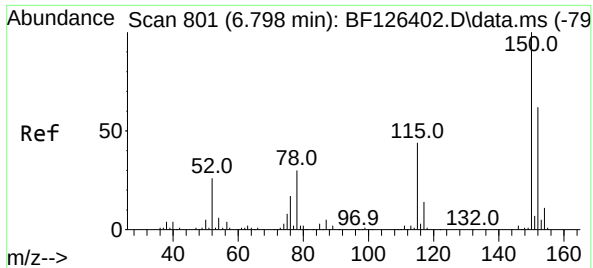
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

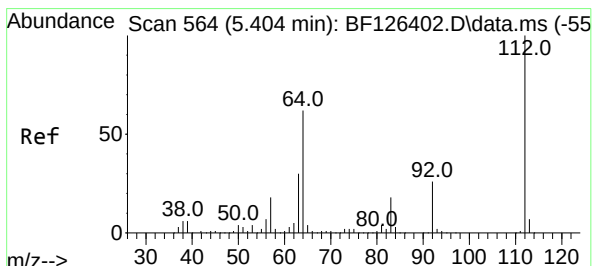
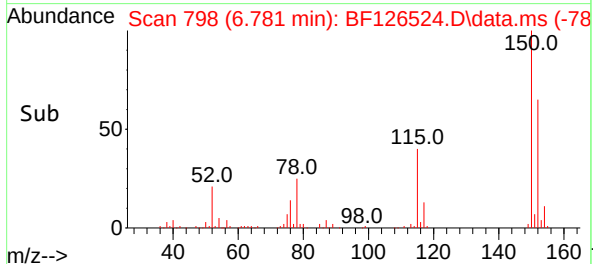
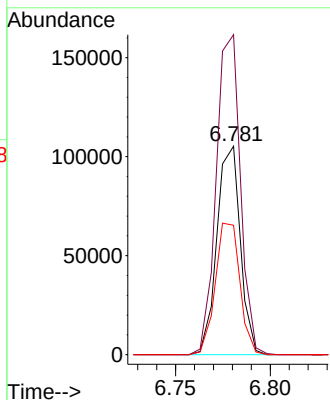
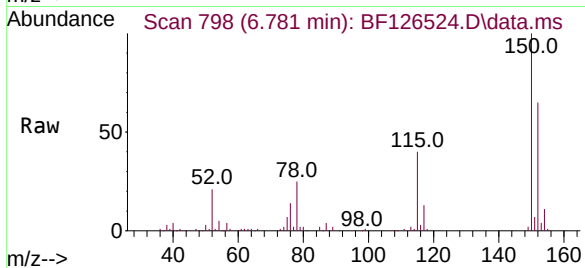




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

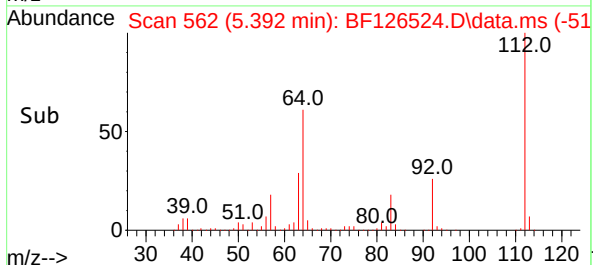
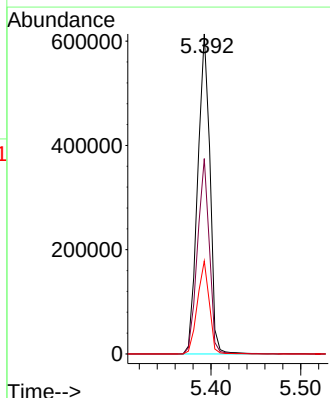
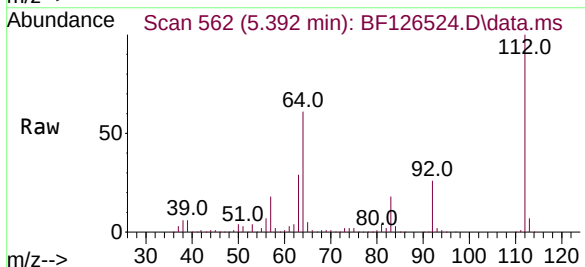
Instrument :
 BNA_F
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 RP-RB21137

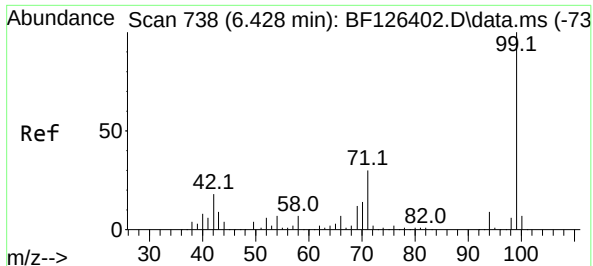
Tgt Ion:152 Resp: 90669
 Ion Ratio Lower Upper
 152 100
 150 153.5 128.1 192.1
 115 62.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 92.062 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:112 Resp: 581254
 Ion Ratio Lower Upper
 112 100
 64 61.0 49.5 74.3
 63 29.0 23.9 35.9

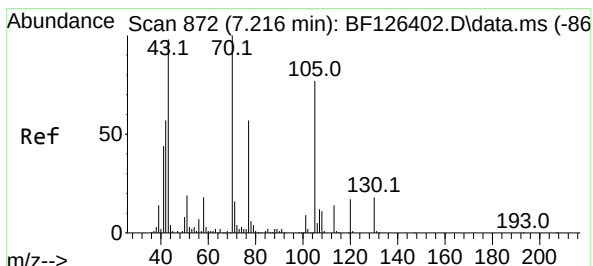
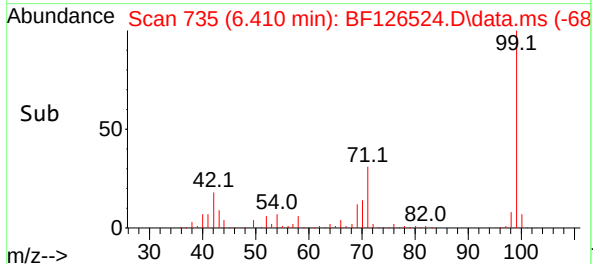
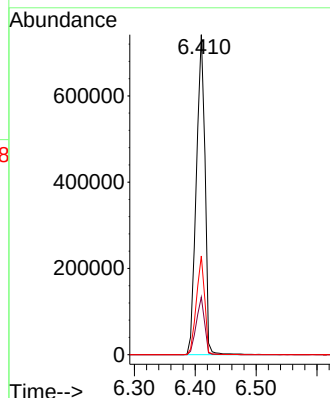
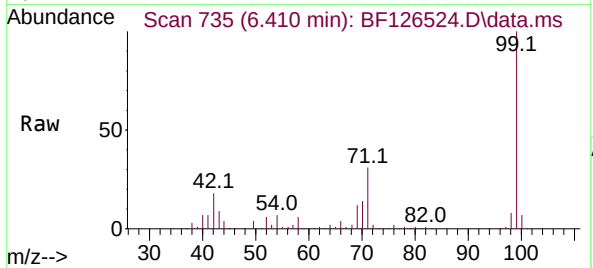




#7
Phenol-d6
Concen: 89.637 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

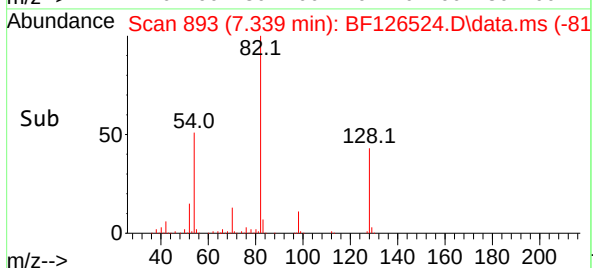
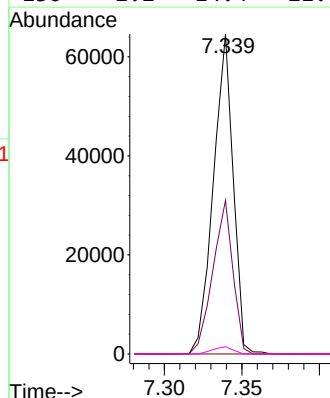
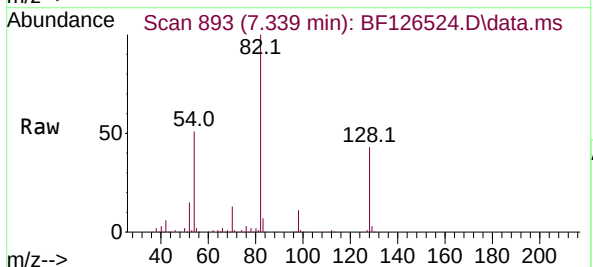
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

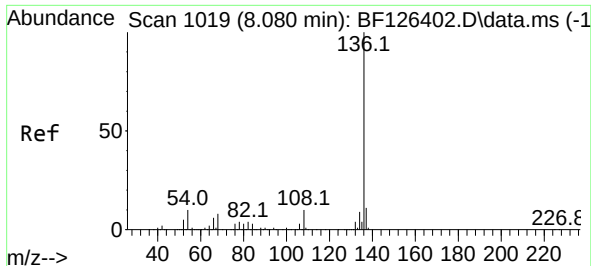
Tgt Ion: 99 Resp: 733015
Ion Ratio Lower Upper
99 100
42 18.0 14.2 21.4
71 30.8 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.291 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion: 70 Resp: 57353
Ion Ratio Lower Upper
70 100
42 48.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#

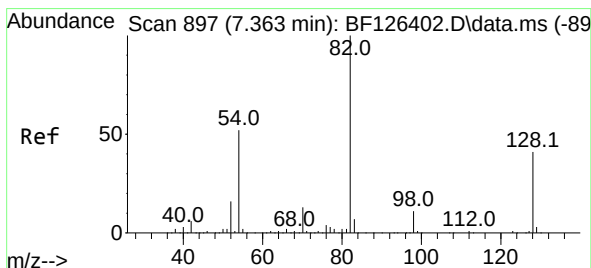
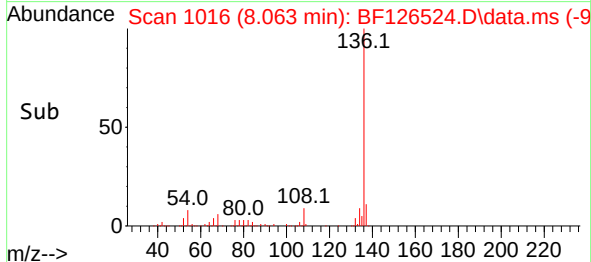
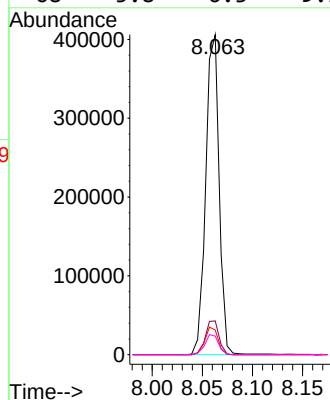
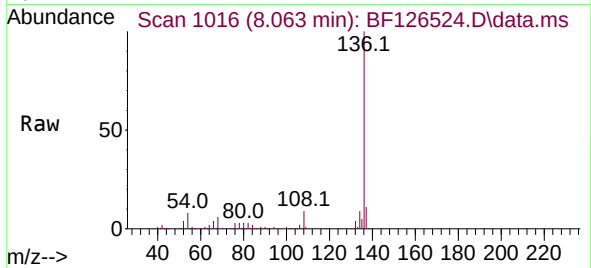




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

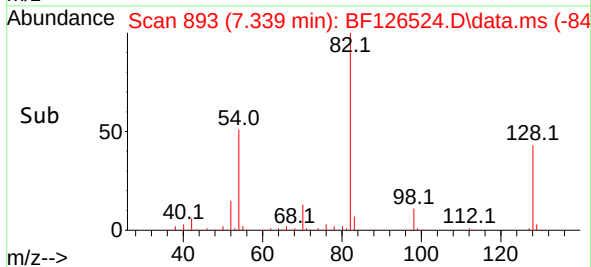
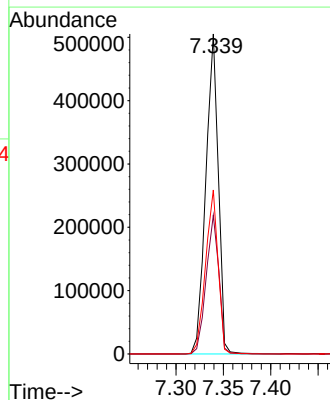
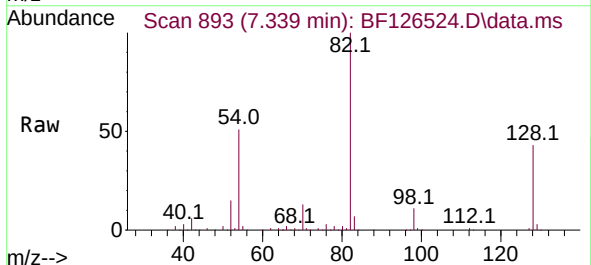
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

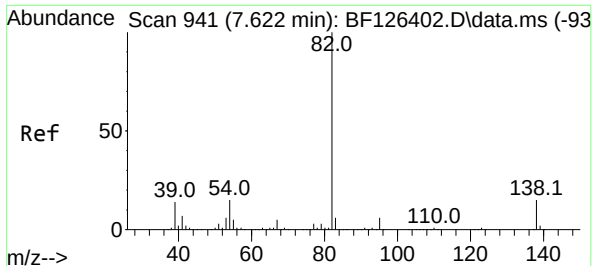
Tgt	Ion:136	Resp:	380574
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.7	7.8	11.6#
68	5.8	6.3	9.5#



#23
Nitrobenzene-d5
Concen: 62.550 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion: 82	Resp: 463614
Ion Ratio	Lower Upper
82 100	
128 43.3	32.7 49.1
54 51.3	41.7 62.5

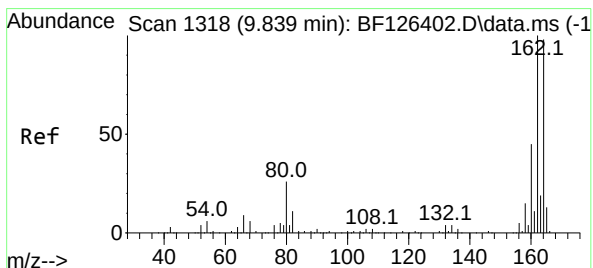
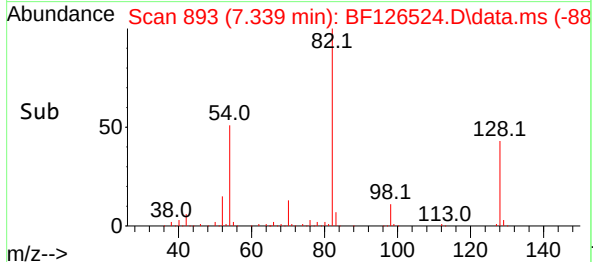
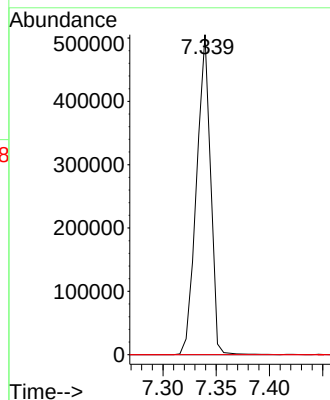
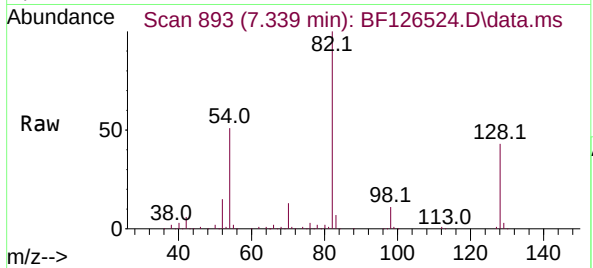




#25
Isophorone
Concen: 34.903 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

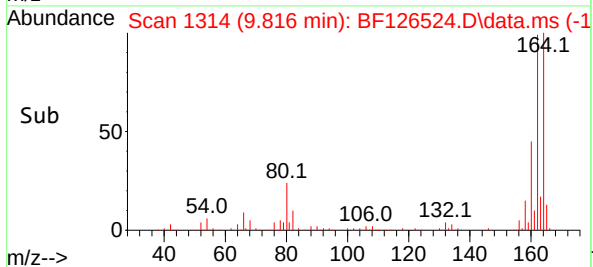
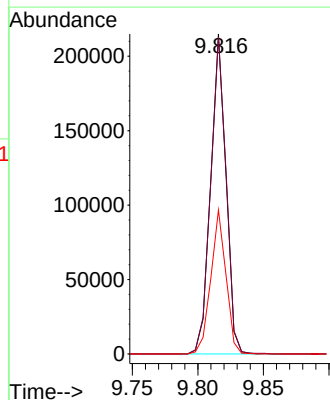
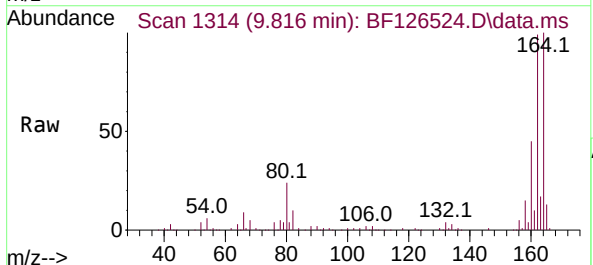
Instrument :
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ClientSampleId :
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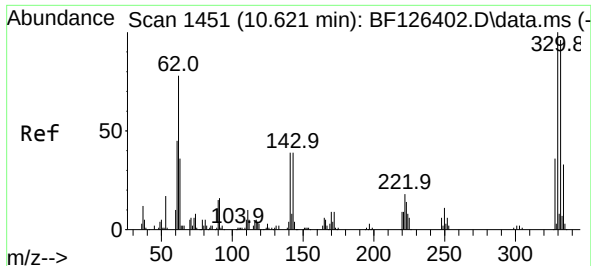
Tgt Ion: 82 Resp: 463102
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

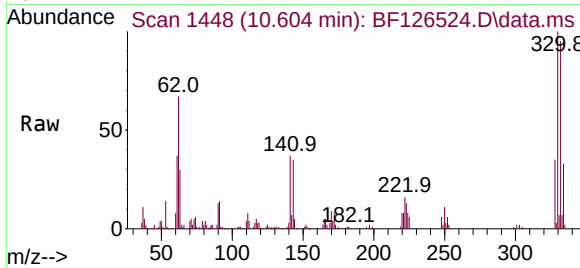
Tgt Ion: 164 Resp: 174259
Ion Ratio Lower Upper
164 100
162 99.1 81.4 122.0
160 45.0 36.6 54.8



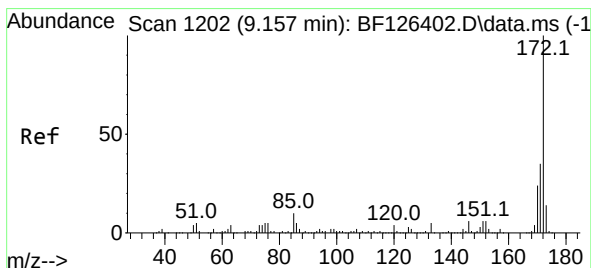
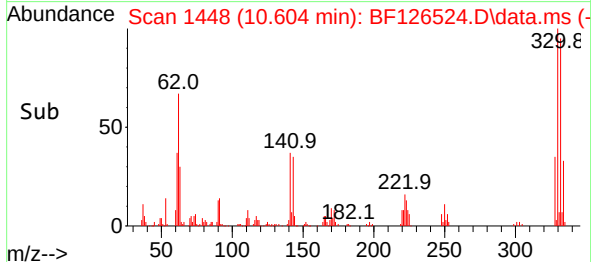
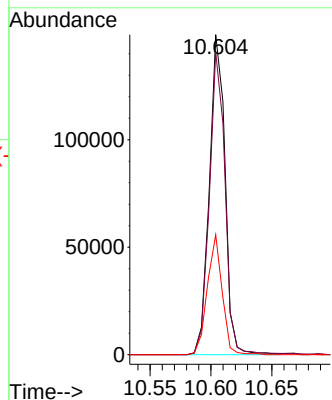


#42
 2,4,6-Tribromophenol
 Concen: 99.004 ng
 RT: 10.604 min Scan# 1448
 Delta R.T. -0.012 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Instrument :
 BNA_F
 ClientSampleId :
 RP-RB21137

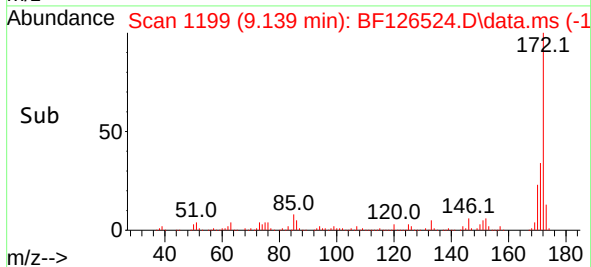
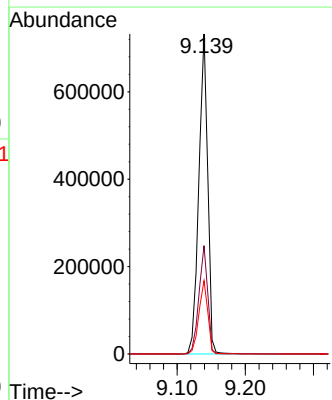
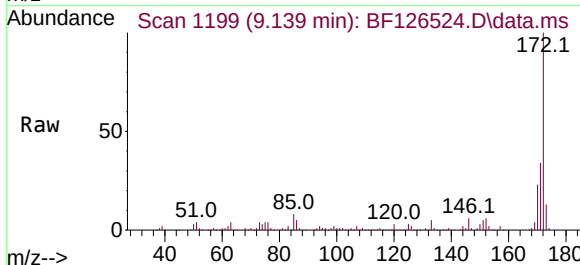


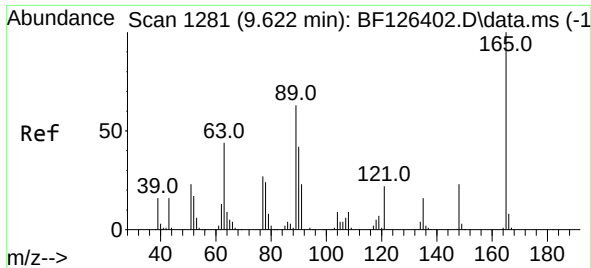
Tgt Ion:330 Resp: 133317
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.0 114.0
 141 35.5 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 67.242 ng
 RT: 9.139 min Scan# 1199
 Delta R.T. -0.012 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:172 Resp: 665873
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.3 42.5
 170 22.9 19.0 28.6

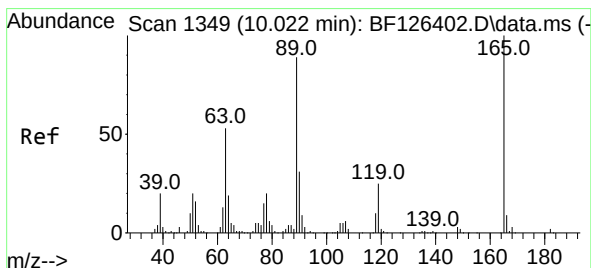
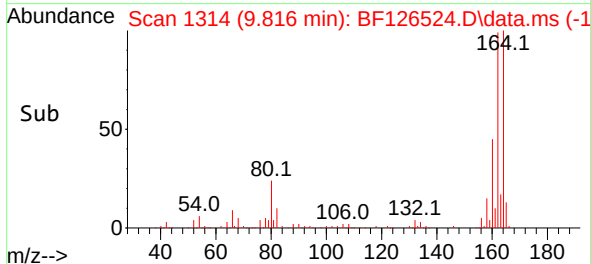
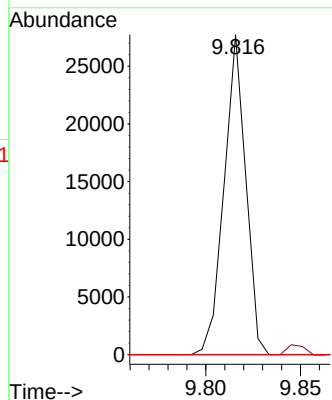
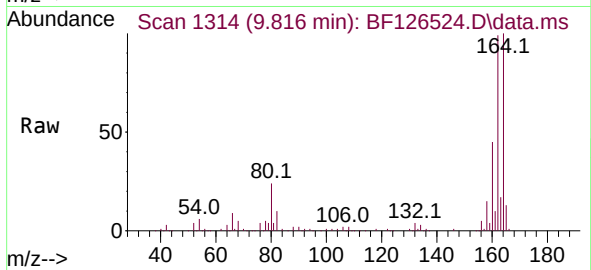




#51
2,6-Dinitrotoluene
Concen: 9.388 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

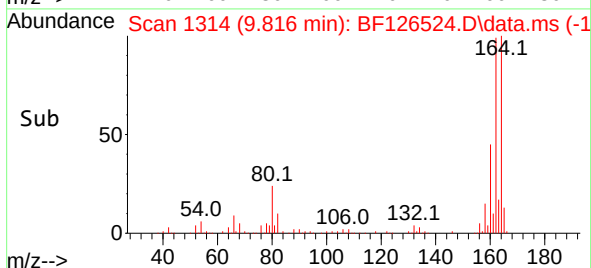
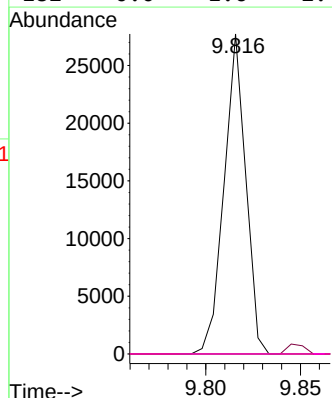
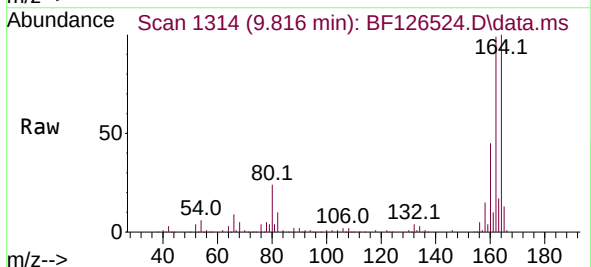
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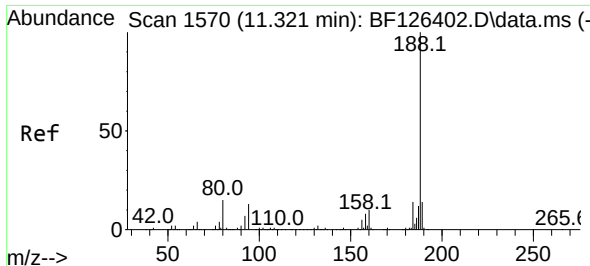
Tgt Ion:165 Resp: 22057
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.277 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:165 Resp: 22057
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#

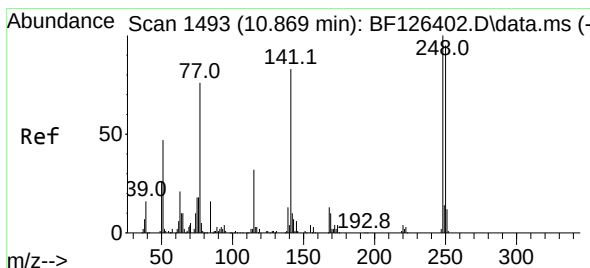
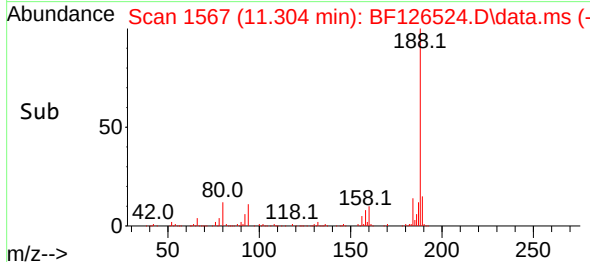
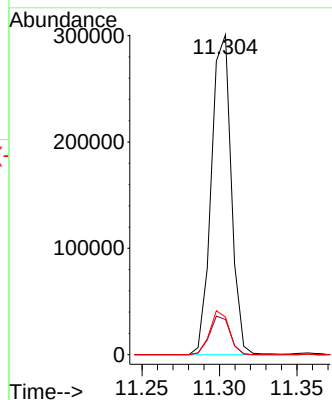
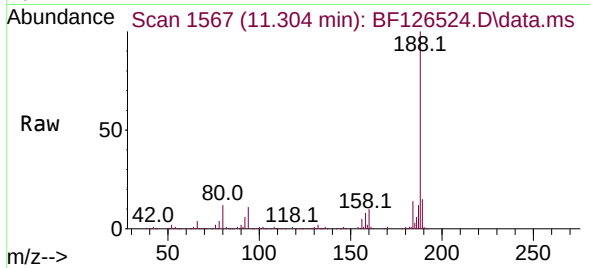




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

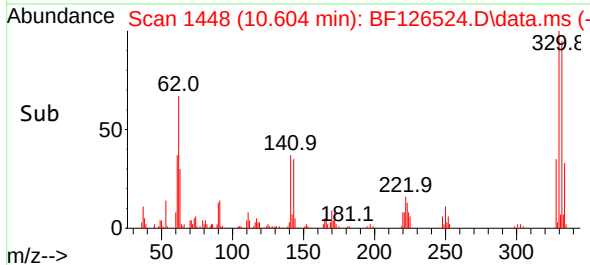
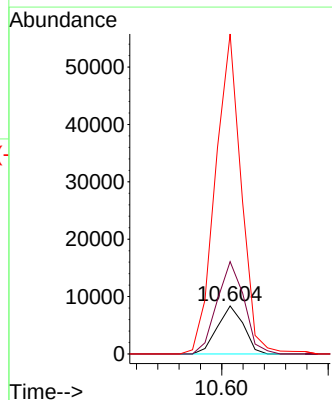
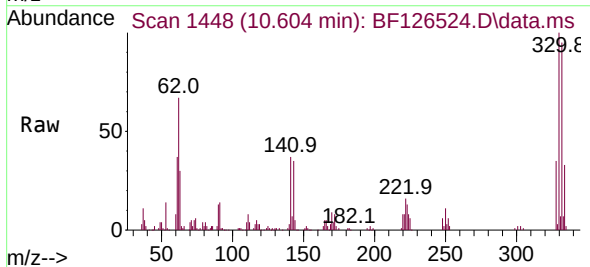
Instrument :
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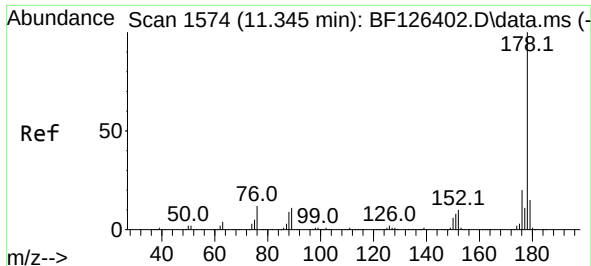
Tgt Ion:188 Resp: 268604
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 11.8 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.005 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:248 Resp: 7165
Ion Ratio Lower Upper
248 100
250 192.3 76.2 114.4#
141 666.3 66.2 99.4#

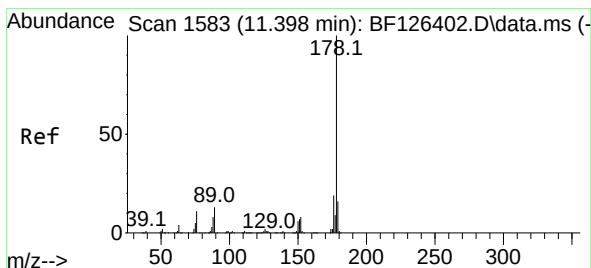
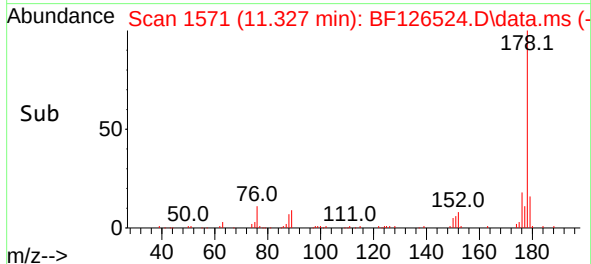
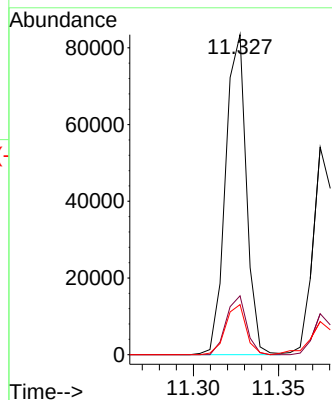
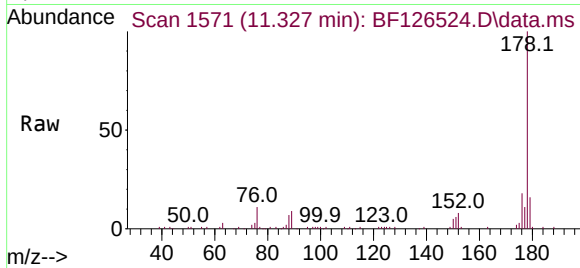




#71
Phenanthrene
Concen: 5.182 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

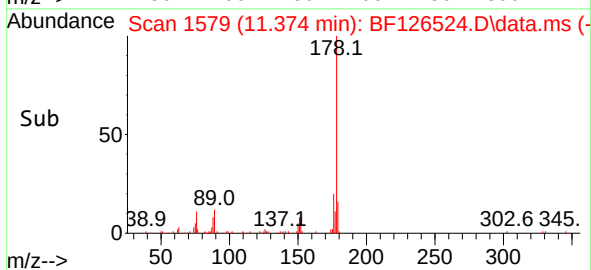
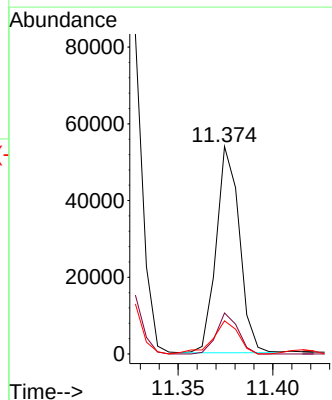
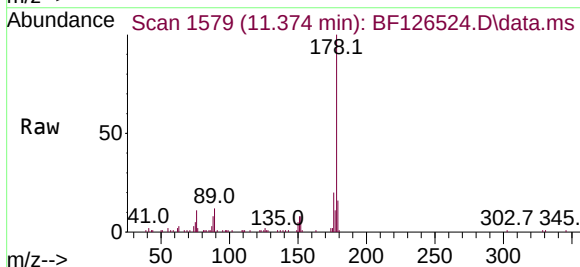
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

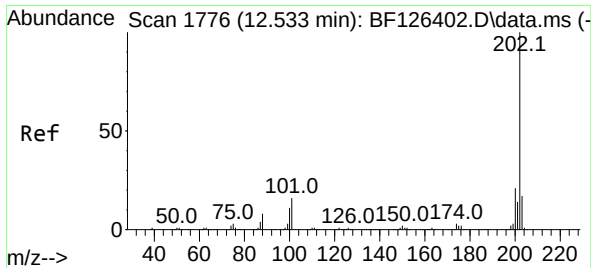
Tgt Ion:178 Resp: 71160
Ion Ratio Lower Upper
178 100
176 18.4 15.7 23.5
179 15.7 12.3 18.5



#72
Anthracene
Concen: 3.339 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:178 Resp: 45882
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 16.0 12.5 18.7

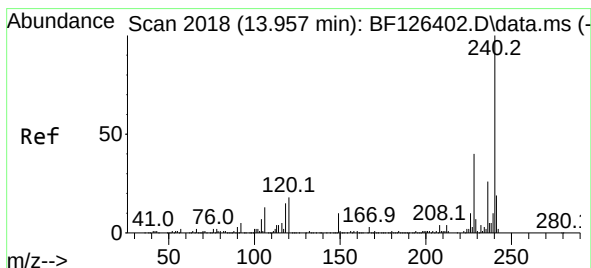
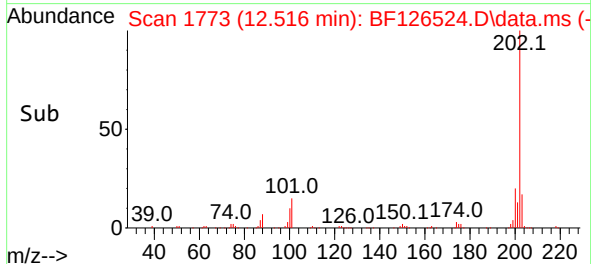
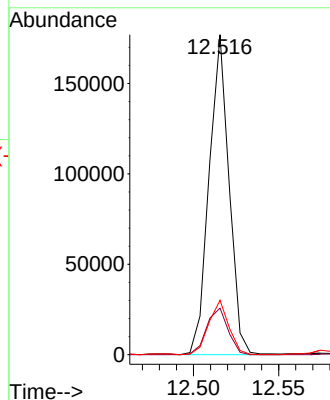
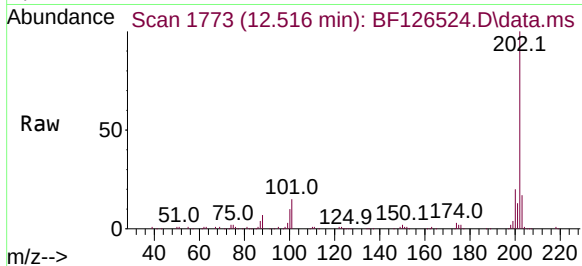




#75
Fluoranthene
Concen: 11.540 ng
RT: 12.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

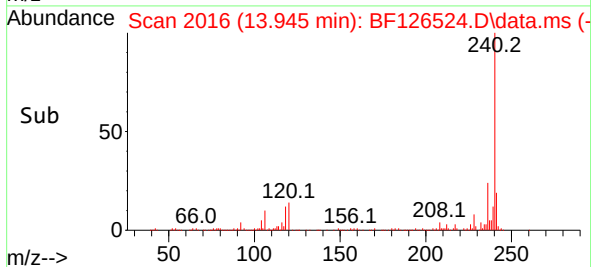
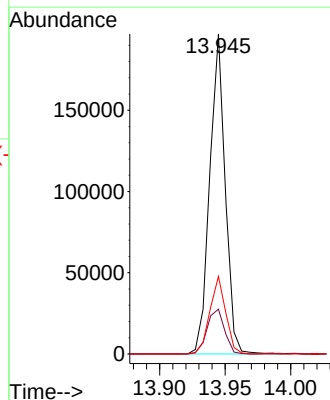
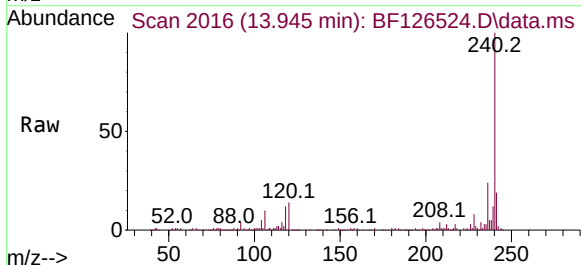
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

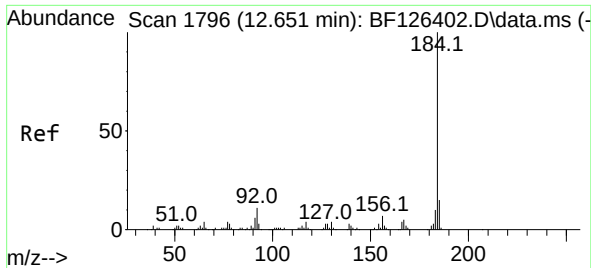
Tgt Ion:202 Resp: 144634
Ion Ratio Lower Upper
202 100
101 14.6 0.0 35.7
203 17.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:240 Resp: 162302
Ion Ratio Lower Upper
240 100
120 14.0 14.4 21.6#
236 24.3 20.5 30.7

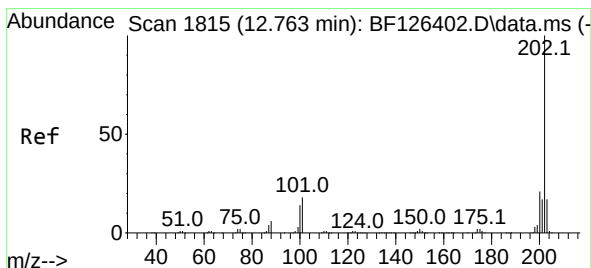
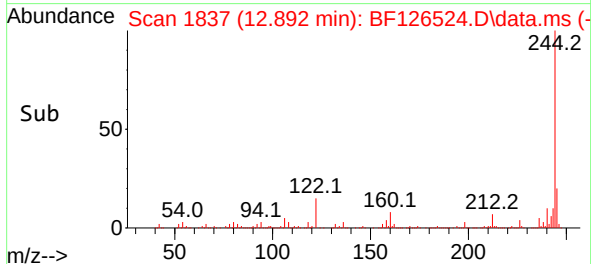
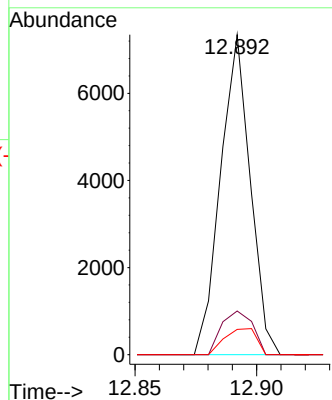
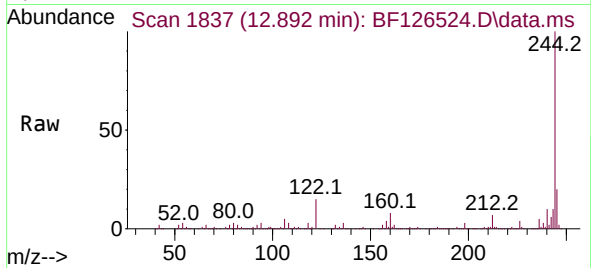




#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

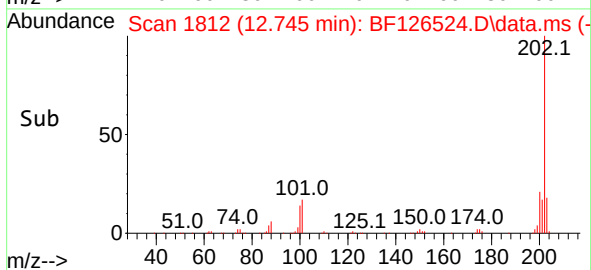
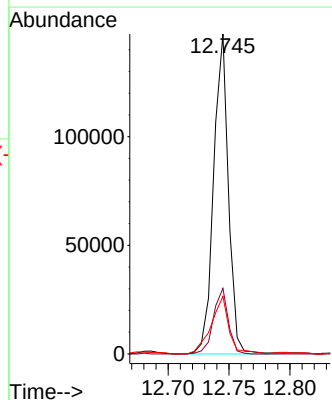
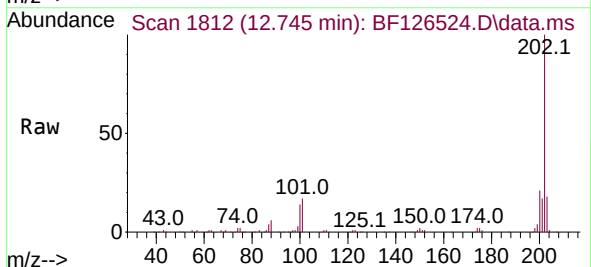
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

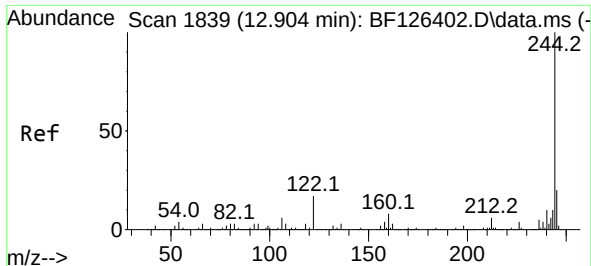
Tgt Ion:184 Resp: 6230
Ion Ratio Lower Upper
184 100
185 13.7 11.8 17.8
183 7.9 8.2 12.2#



#78
Pyrene
Concen: 9.095 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:202 Resp: 124751
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 18.0 13.8 20.8

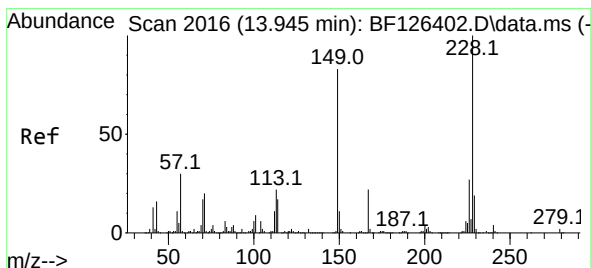
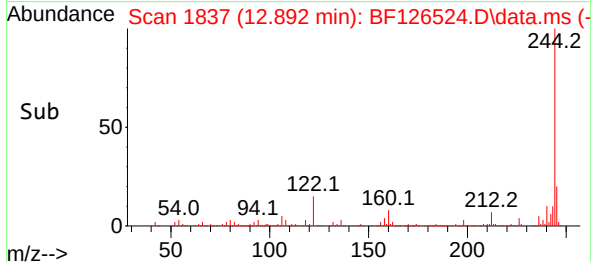
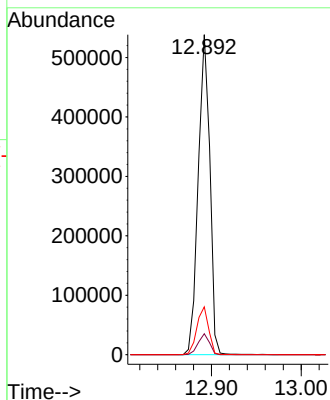
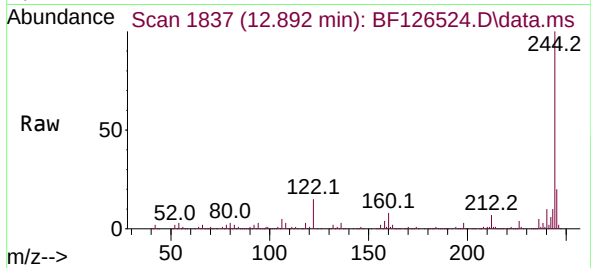




#79
 Terphenyl-d14
 Concen: 57.837 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

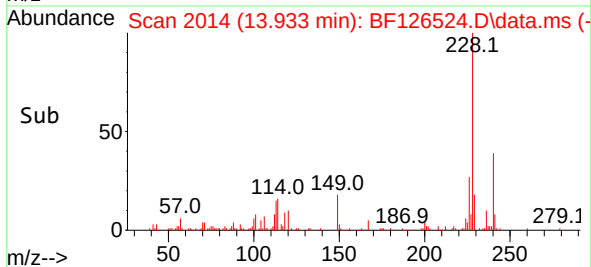
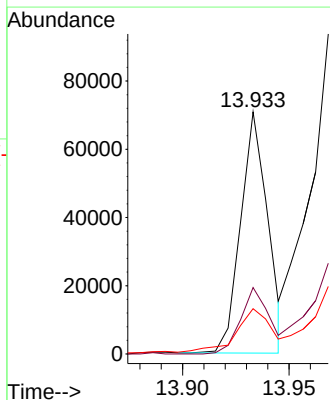
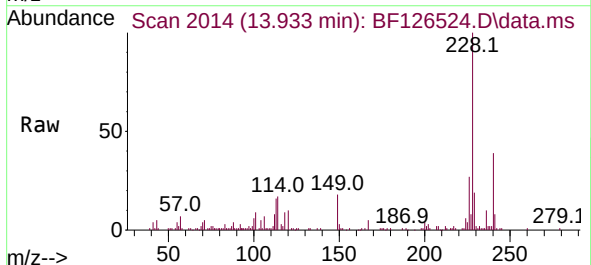
Instrument :
 BNA_F
 ClientSampleId :
 RP-RB21137

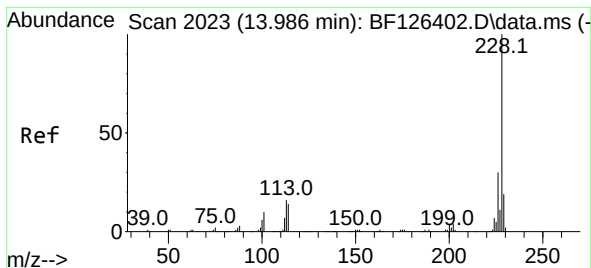
Tgt Ion:244 Resp: 483138
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 14.9 13.3 19.9



#81
 Benzo(a)anthracene
 Concen: 6.725 ng
 RT: 13.933 min Scan# 2014
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:228 Resp: 62766
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.4 32.0
 229 18.7 15.4 23.2





#83

Chrysene

Concen: 10.558 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

Instrument :

BNA_F

ClientSampleId :

RP-RB21137

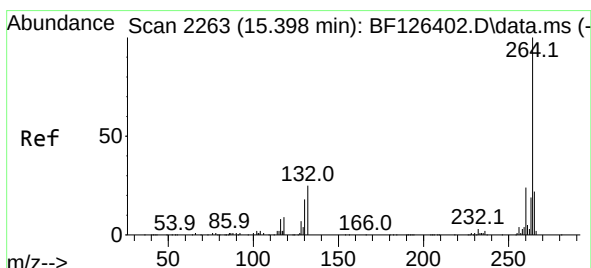
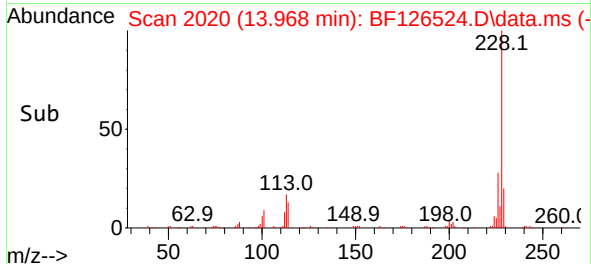
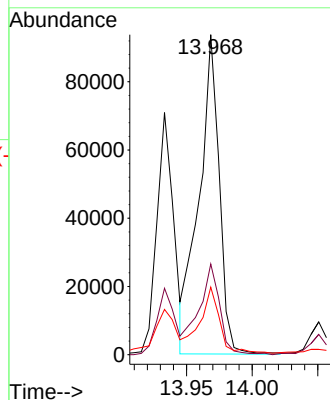
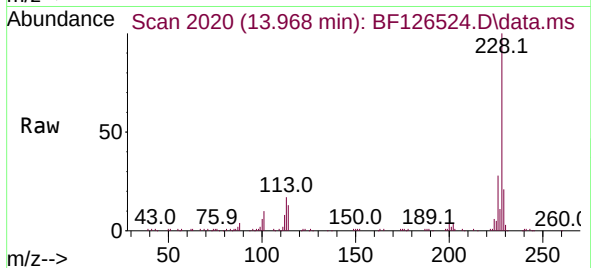
Tgt Ion:228 Resp: 101080

Ion Ratio Lower Upper

228 100

226 28.4 23.7 35.5

229 21.1 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.392 min Scan# 2262

Delta R.T. 0.006 min

Lab File: BF126524.D

Acq: 6 Jan 2022 18:04

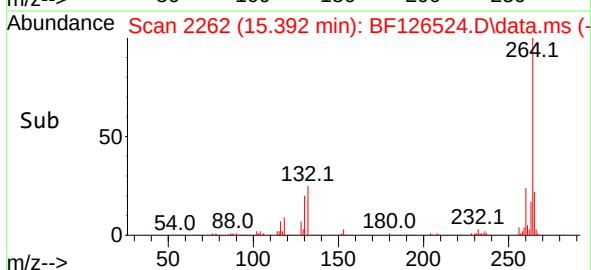
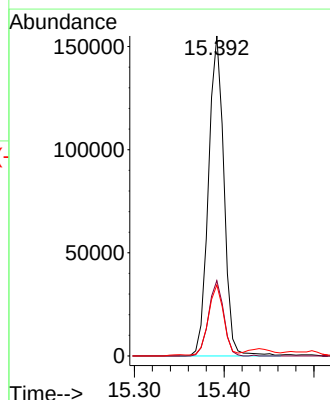
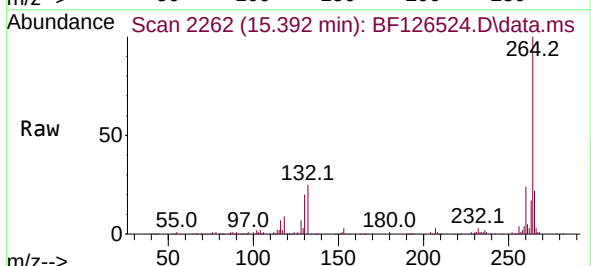
Tgt Ion:264 Resp: 185662

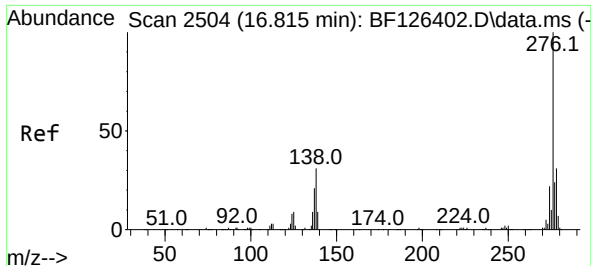
Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.2 17.4 26.2

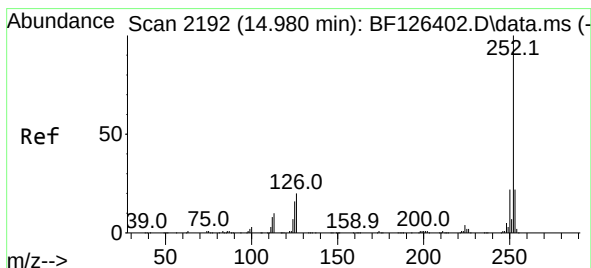
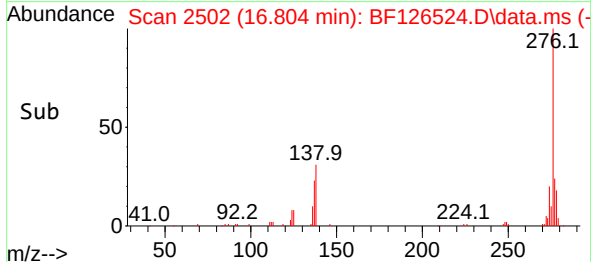
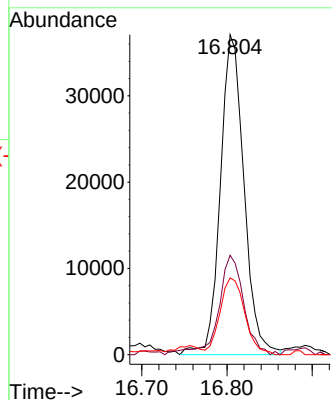
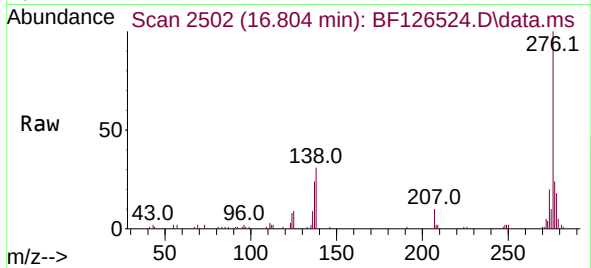




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.749 ng
 RT: 16.804 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

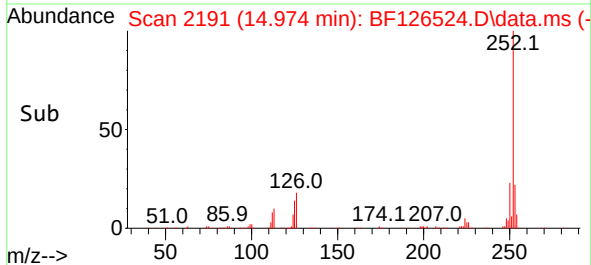
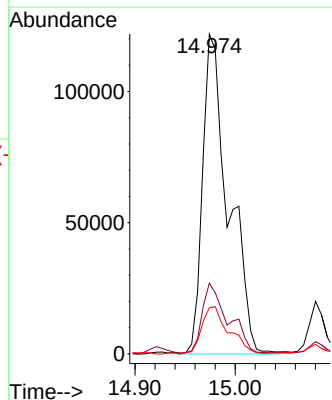
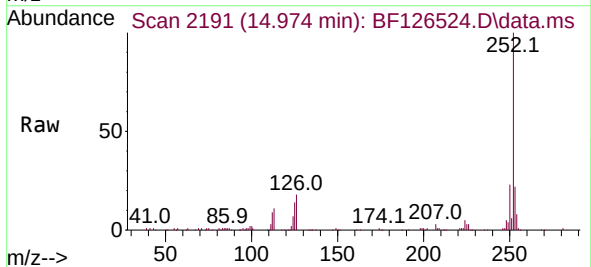
Instrument :
 BNA_F
 ClientSampleId :
 RP-RB21137

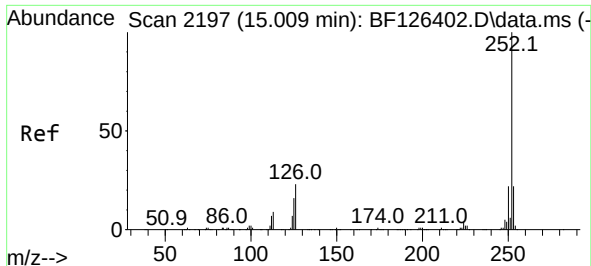
Tgt Ion:276 Resp: 71434
 Ion Ratio Lower Upper
 276 100
 138 33.3 29.2 43.8
 277 25.1 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 19.834 ng
 RT: 14.974 min Scan# 2191
 Delta R.T. 0.000 min
 Lab File: BF126524.D
 Acq: 6 Jan 2022 18:04

Tgt Ion:252 Resp: 219370
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.8 26.8
 125 14.4 12.4 18.6

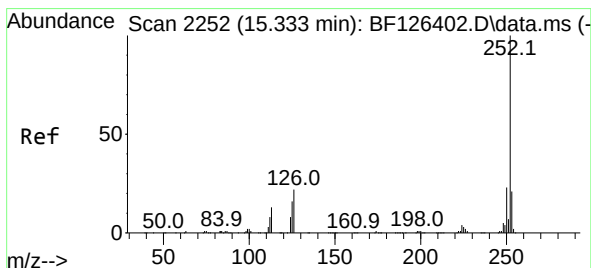
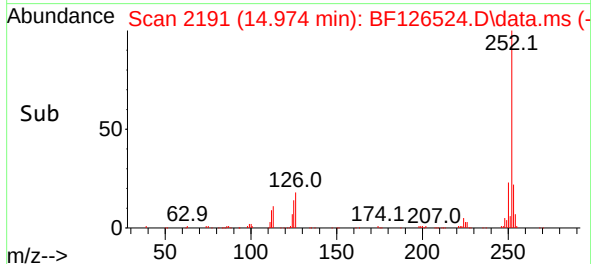
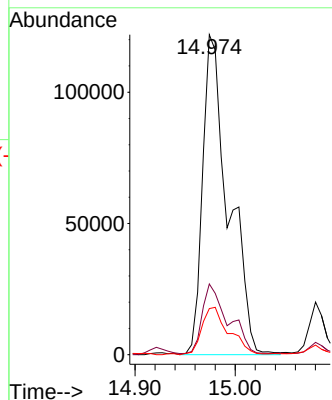
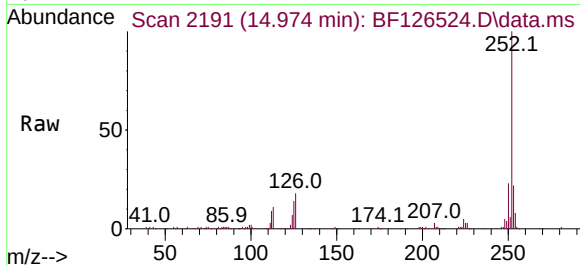




#89
Benzo(k)fluoranthene
Concen: 20.475 ng
RT: 14.974 min Scan# 2193
Delta R.T. -0.029 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

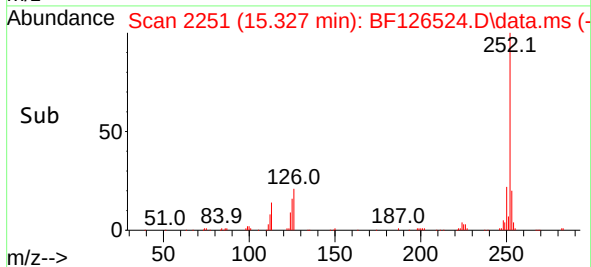
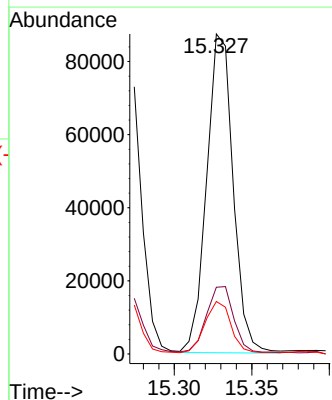
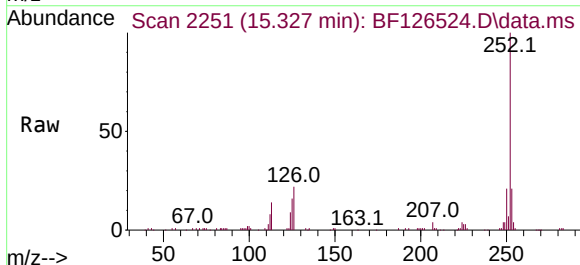
Instrument :
BNA_F
ClientSampleId :
RP-RB21137

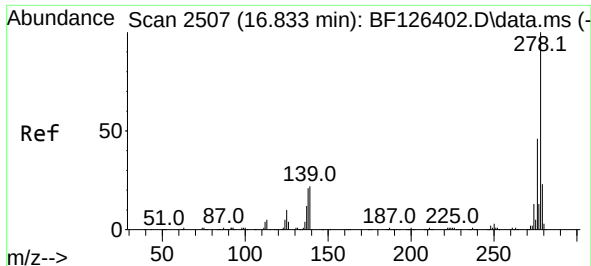
Tgt Ion:252 Resp: 219370
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 14.4 11.8 17.6



#90
Benzo(a)pyrene
Concen: 11.194 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.000 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:252 Resp: 103810
Ion Ratio Lower Upper
252 100
253 20.8 17.1 25.7
125 16.4 13.0 19.6

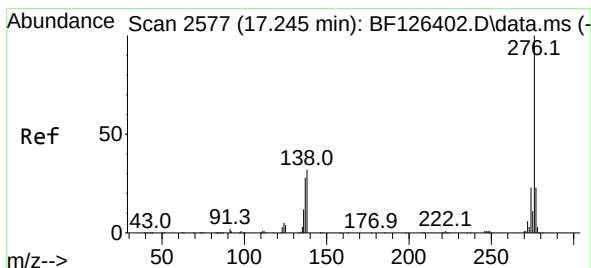
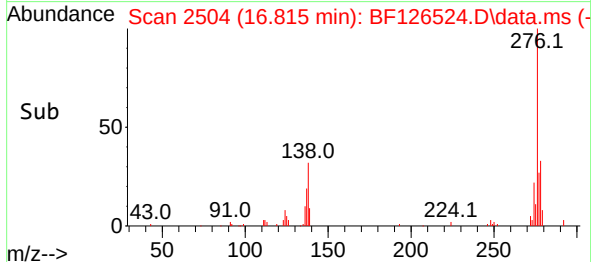
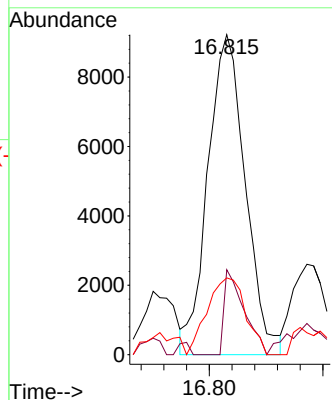
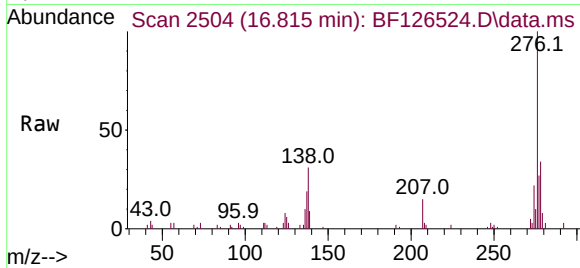




#91
Dibenzo(a,h)anthracene
Concen: 2.107 ng
RT: 16.815 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Instrument :
BNA_F
ClientSampleId :
RP-RB21137

Tgt Ion:278 Resp: 21124
Ion Ratio Lower Upper
278 100
139 26.5 18.0 27.0
279 24.0 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 5.987 ng
RT: 17.233 min Scan# 2575
Delta R.T. 0.000 min
Lab File: BF126524.D
Acq: 6 Jan 2022 18:04

Tgt Ion:276 Resp: 63917
Ion Ratio Lower Upper
276 100
277 22.9 18.5 27.7
138 29.9 25.9 38.9

