

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080522\
 Data File : BF129618.D
 Acq On : 06 Aug 2022 01:12
 Operator : CG\JU
 Sample : N3961-18
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RVE-184

Quant Time: Aug 08 02:16:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 16:27:34 2022
 Response via : Initial Calibration

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

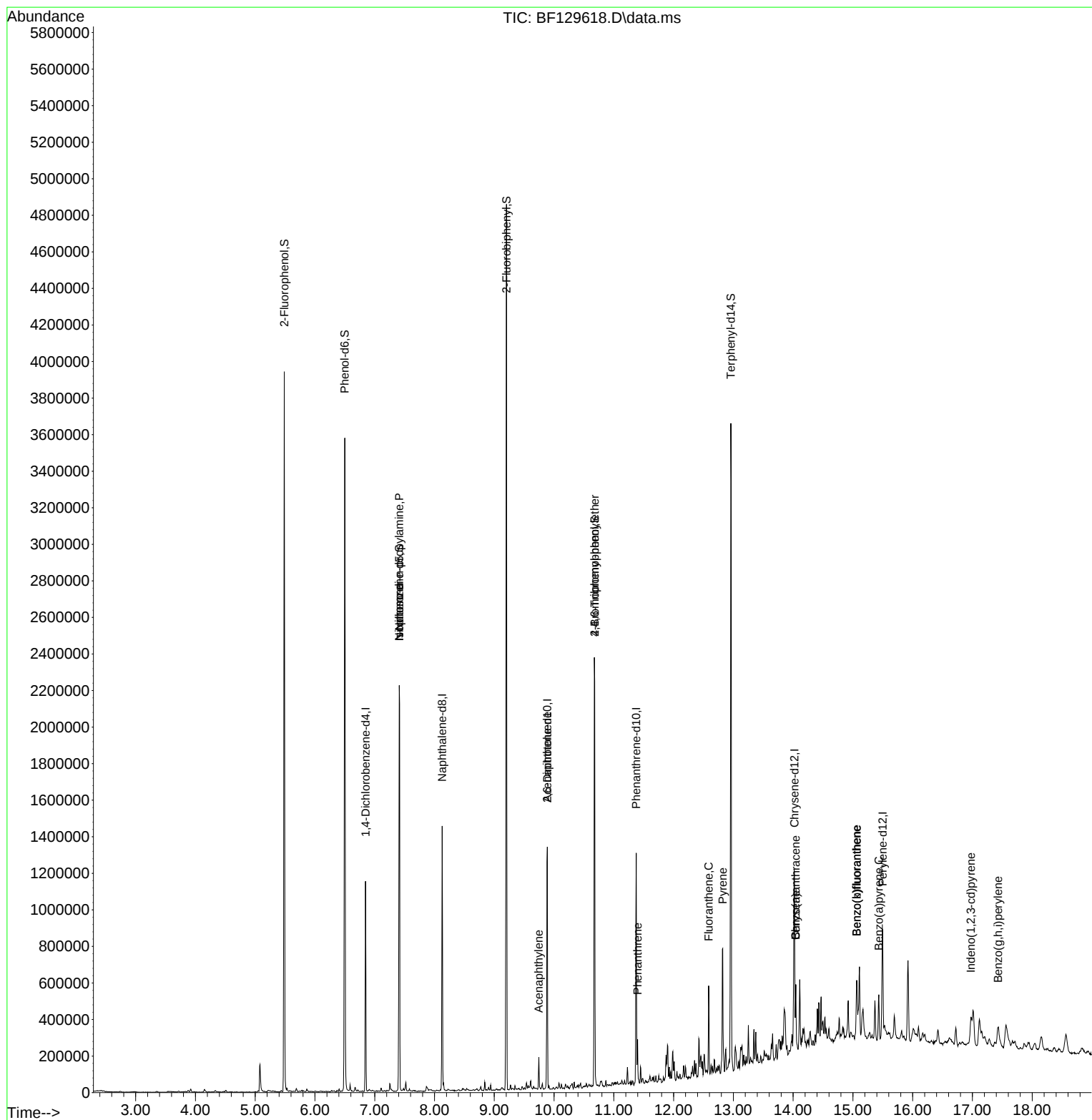
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	156295	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	584749	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	276672	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	426983	20.000	ng	0.00
76) Chrysene-d12	14.022	240	310615	20.000	ng	0.00
86) Perylene-d12	15.498	264	252326	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1023498	106.675	ng	0.00
7) Phenol-d6	6.498	99	1271509	105.434	ng	0.00
23) Nitrobenzene-d5	7.410	82	787125	73.481	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	280334	105.389	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1359833	76.032	ng	0.00
79) Terphenyl-d14	12.957	244	1223929	74.338	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	103893	14.230	ng	# 74
25) Isophorone	7.410	82	783636	40.812	ng	# 65
49) Acenaphthylene	9.745	152	62151	2.506	ng	98
51) 2,6-Dinitrotoluene	9.886	165	37469	8.765	ng	# 26
67) 4-Bromophenyl-phenylether	10.681	248	17723	3.791	ng	# 1
71) Phenanthrene	11.398	178	78179	3.354	ng	98
75) Fluoranthene	12.586	202	166717	7.059	ng	97
78) Pyrene	12.822	202	278431	10.719	ng	96
81) Benzo(a)anthracene	14.045	228	148847	7.015	ng	97
83) Chrysene	14.045	228	148847	7.443	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	58413	3.438	ng	98
88) Benzo(b)fluoranthene	15.063	252	210556	12.580	ng	98
89) Benzo(k)fluoranthene	15.063	252	210556	12.837	ng	98
90) Benzo(a)pyrene	15.433	252	100920	7.428	ng	# 97
92) Benzo(g,h,i)perylene	17.427	276	66950	4.738	ng	98

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

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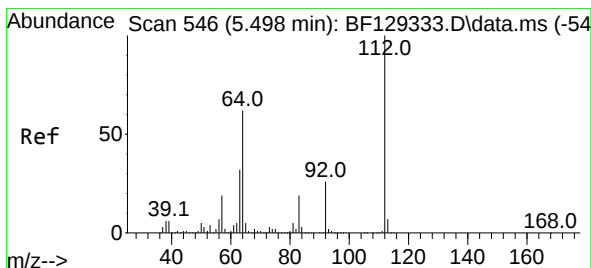
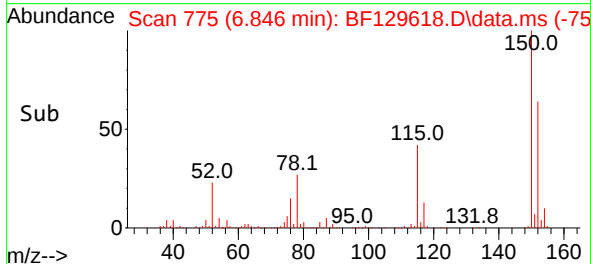
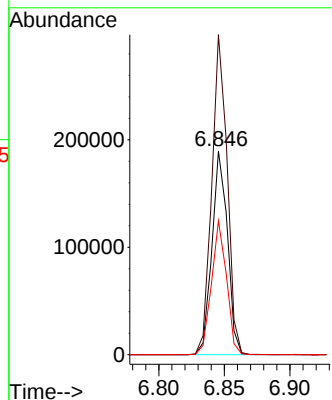
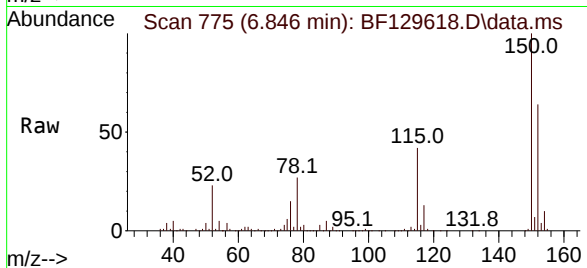




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

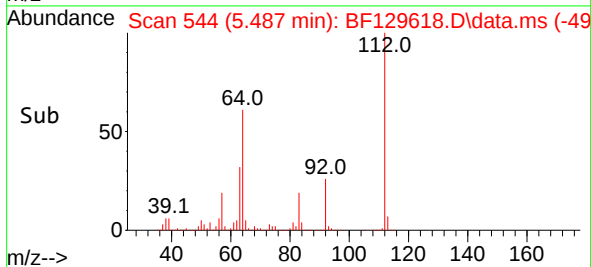
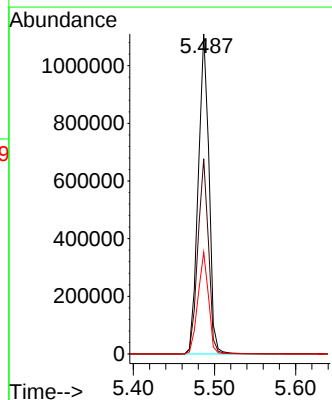
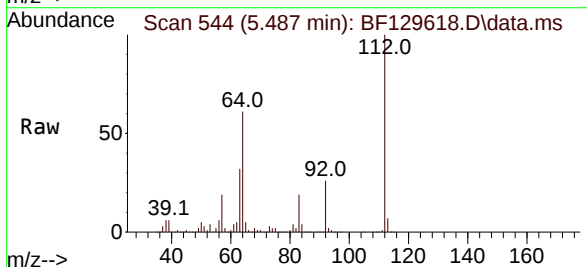
Instrument :
 BNA_F
 ClientSampleId :
 RVE-184

Tgt Ion:152 Resp: 156295
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.7 185.5
 115 65.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 106.675 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.006 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

Tgt Ion:112 Resp: 1023498
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 31.8 28.0 42.0

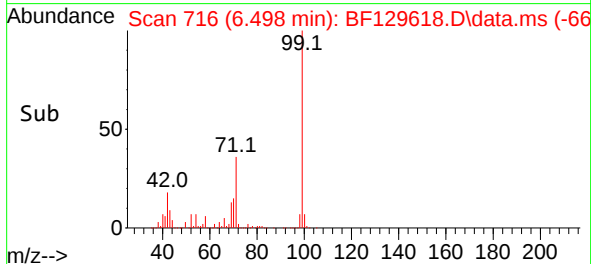
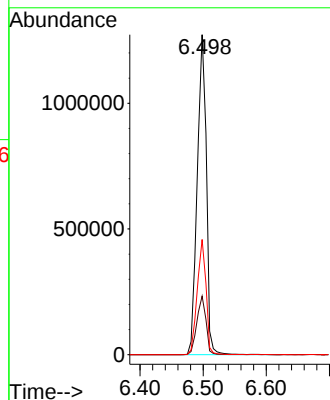
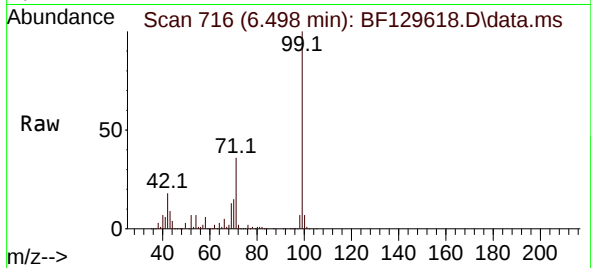




#7
Phenol-d6
Concen: 105.434 ng
RT: 6.498 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

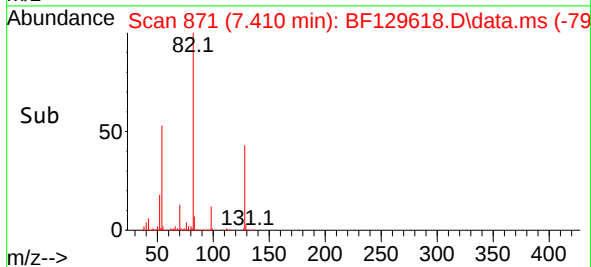
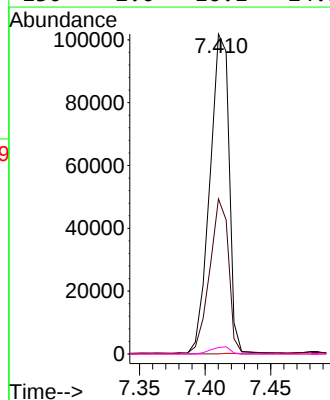
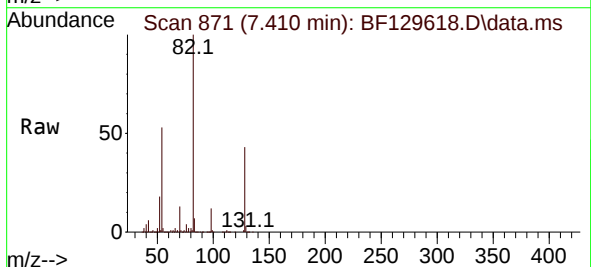
Instrument :
BNA_F
ClientSampleId :
RVE-184

Tgt Ion: 99 Resp: 1271509
Ion Ratio Lower Upper
99 100
42 18.3 17.3 25.9
71 36.0 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.230 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.141 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion: 70 Resp: 103893
Ion Ratio Lower Upper
70 100
42 48.4 52.3 78.5#
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

Instrument :

BNA_F

ClientSampleId :

RVE-184

Tgt Ion:136 Resp: 584749

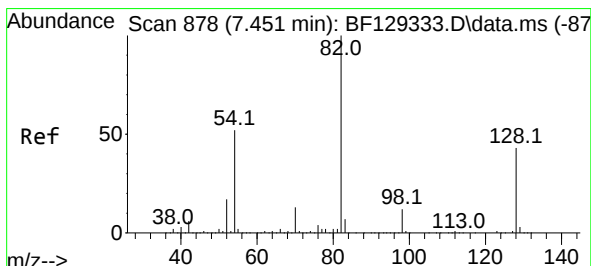
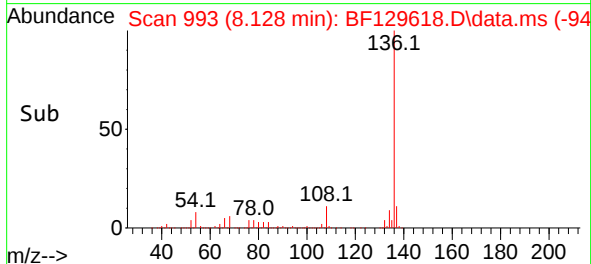
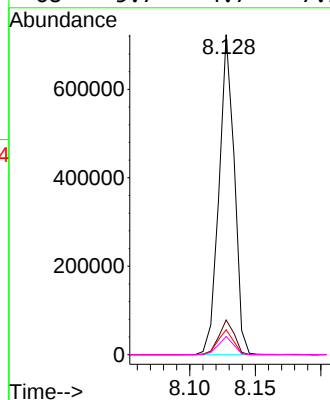
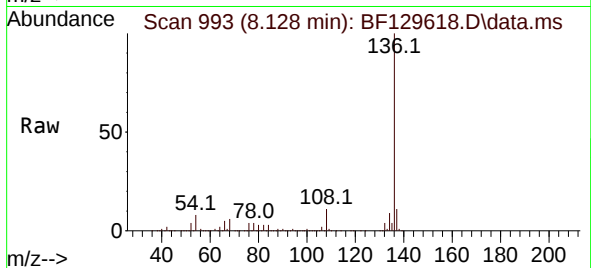
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 7.5 11.3

68 5.7 4.7 7.1



#23

Nitrobenzene-d5

Concen: 73.481 ng

RT: 7.410 min Scan# 871

Delta R.T. -0.012 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

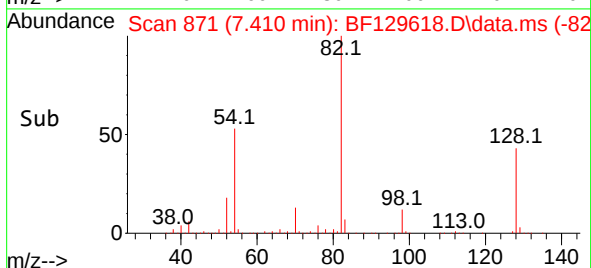
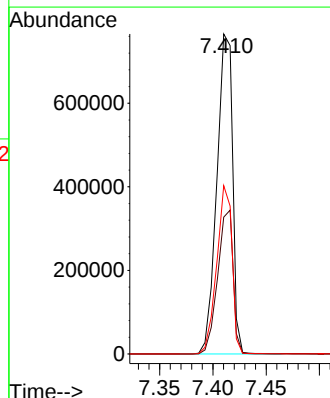
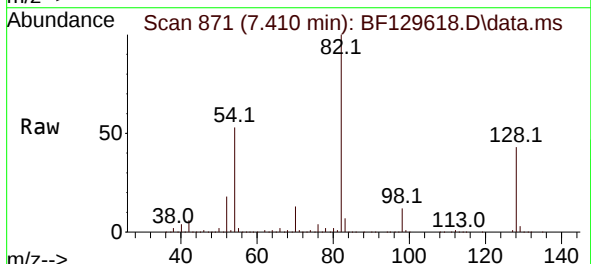
Tgt Ion: 82 Resp: 787125

Ion Ratio Lower Upper

82 100

128 42.8 34.0 51.0

54 52.6 46.9 70.3

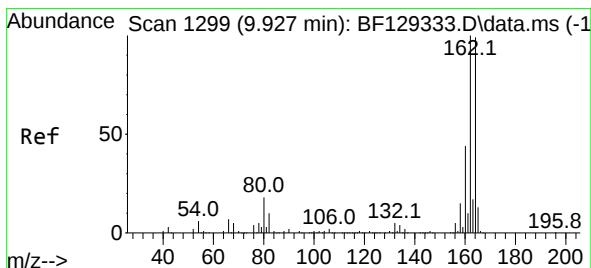
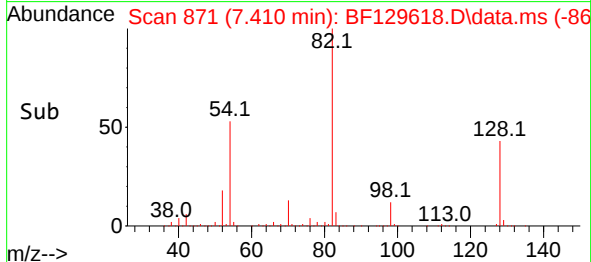
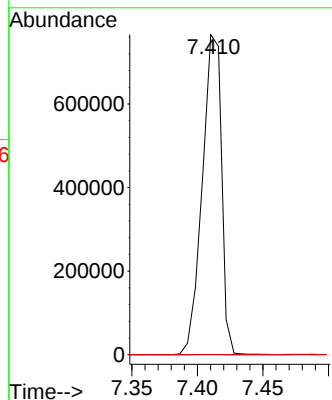
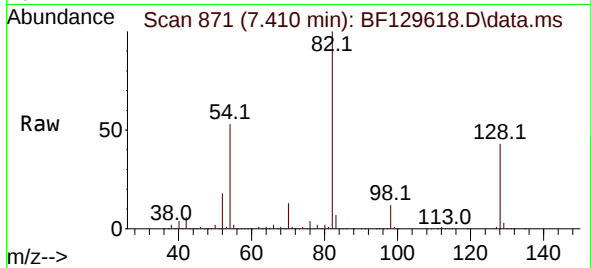




#25
Isophorone
Concen: 40.812 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

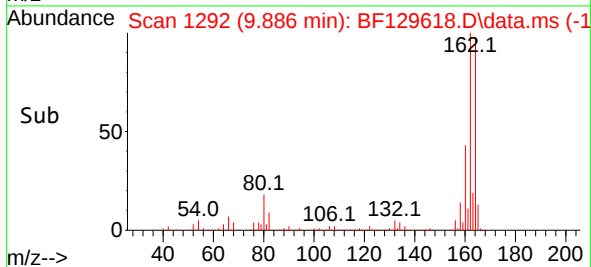
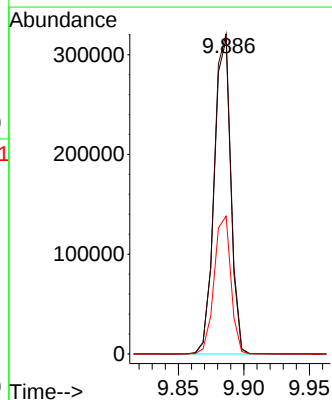
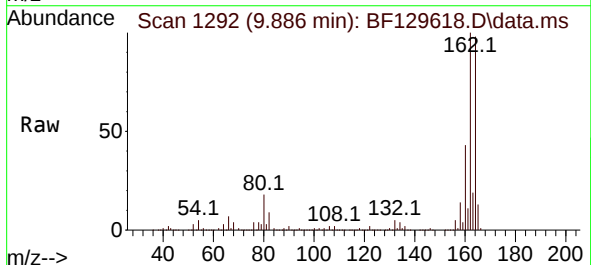
Instrument :
BNA_F
ClientSampleId :
RVE-184

Tgt Ion: 82 Resp: 783636
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:164 Resp: 276672
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 105.389 ng

RT: 10.681 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

Instrument :

BNA_F

ClientSampleId :

RVE-184

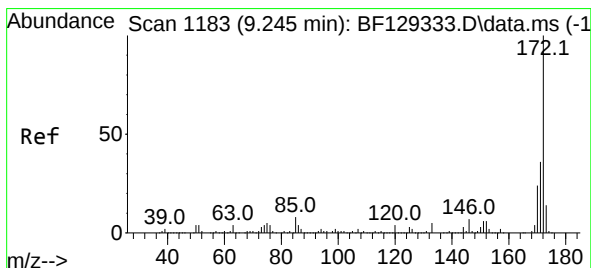
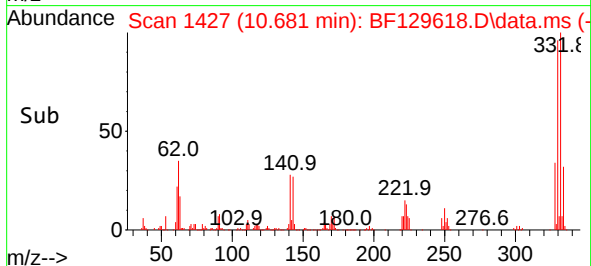
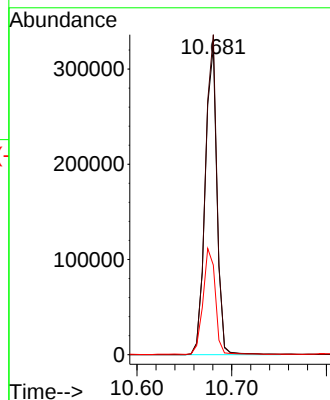
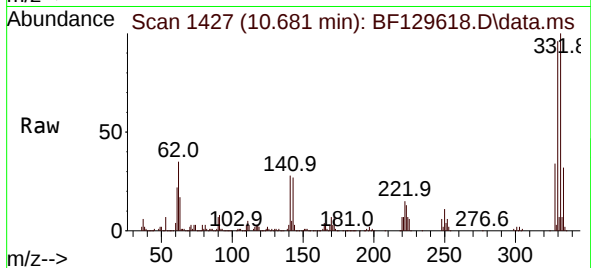
Tgt Ion:330 Resp: 280334

Ion Ratio Lower Upper

330 100

332 102.8 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.032 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF129618.D

Acq: 06 Aug 2022 01:12

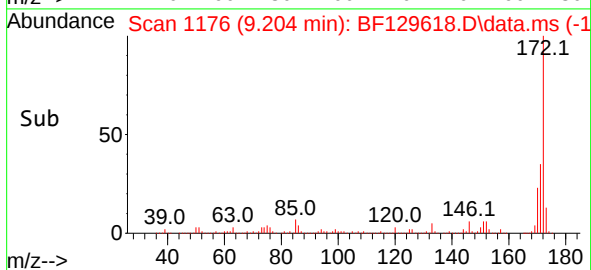
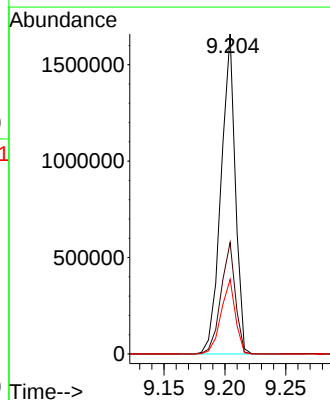
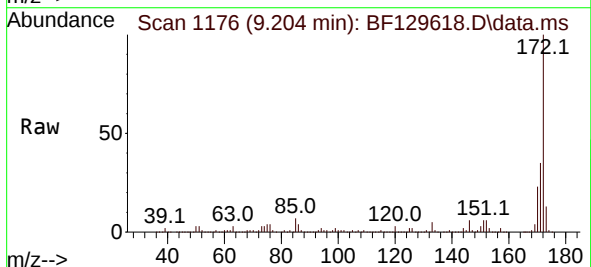
Tgt Ion:172 Resp: 1359833

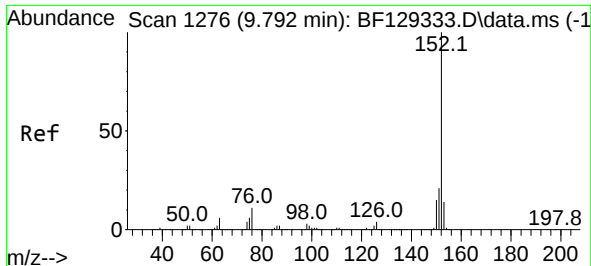
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 23.3 19.8 29.8

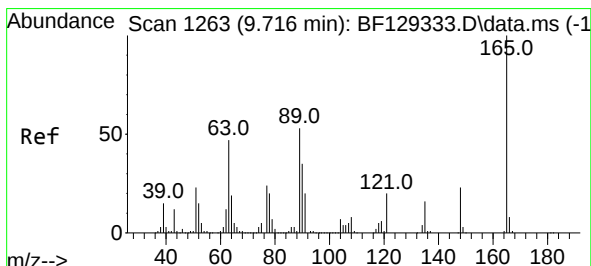
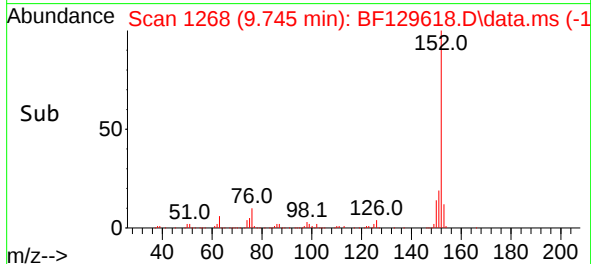
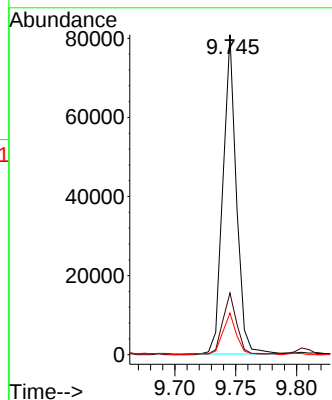
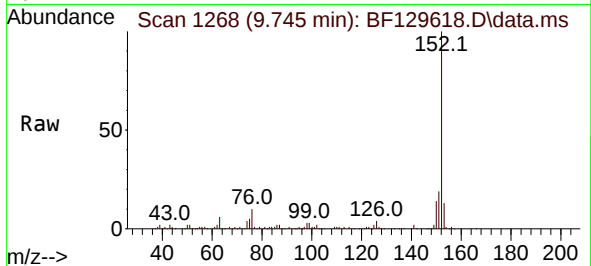




#49
Acenaphthylene
Concen: 2.506 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

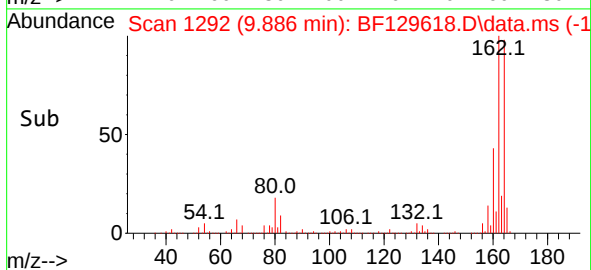
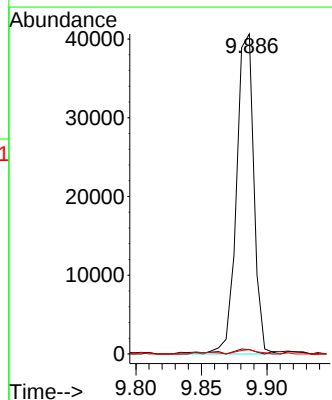
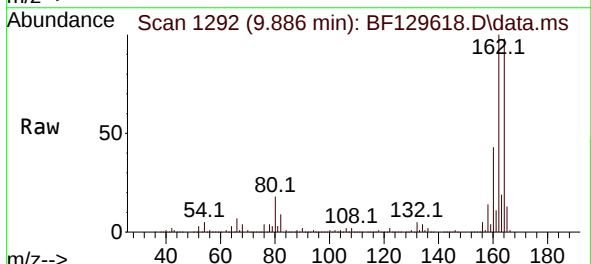
Instrument :
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ClientSampleId :
RVE-184

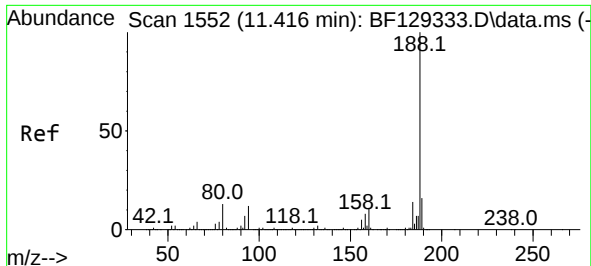
Tgt Ion:152 Resp: 62151
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.4
153 13.0 10.7 16.1



#51
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:165 Resp: 37469
Ion Ratio Lower Upper
165 100
63 1.4 44.9 67.3#
89 1.4 43.6 65.4#

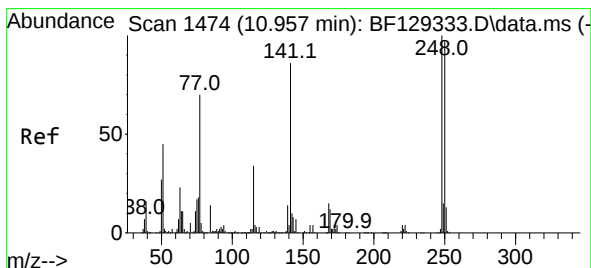
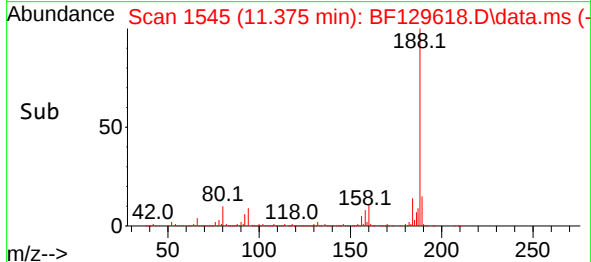
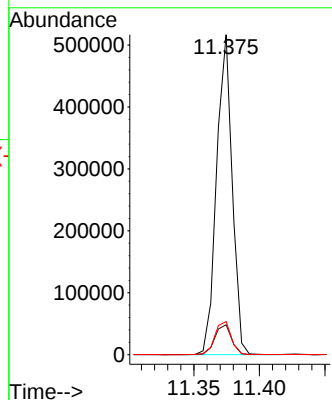
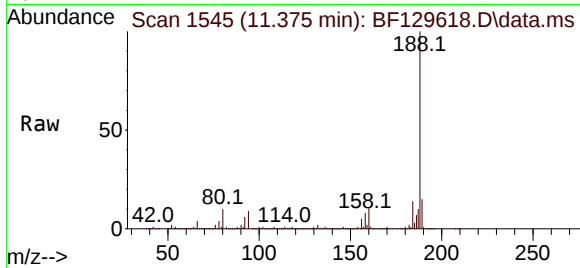




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

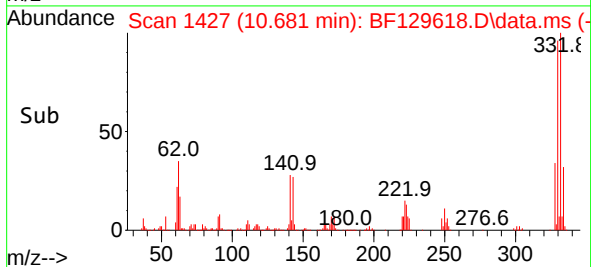
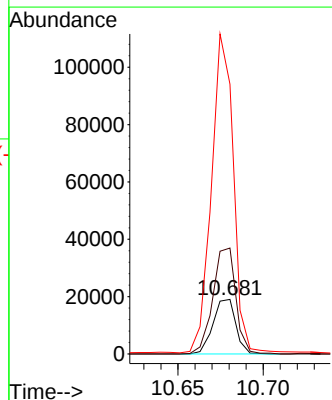
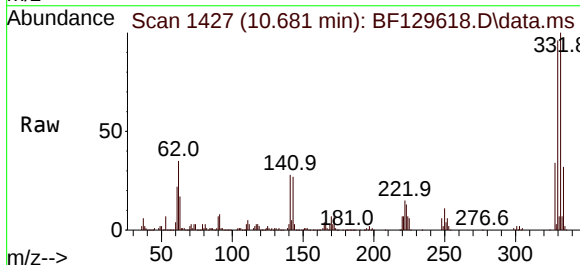
Instrument :
BNA_F
ClientSampleId :
RVE-184

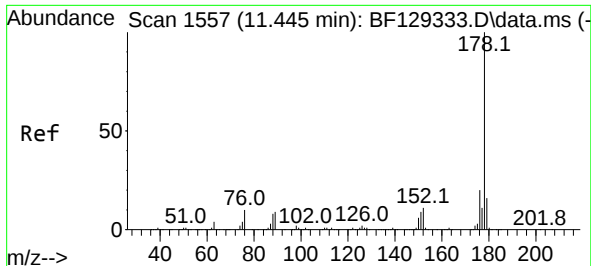
Tgt Ion:188 Resp: 426983
Ion Ratio Lower Upper
188 100
94 9.4 7.0 10.6
80 10.3 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.791 ng
RT: 10.681 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:248 Resp: 17723
Ion Ratio Lower Upper
248 100
250 194.4 80.6 120.8#
141 495.2 58.9 88.3#

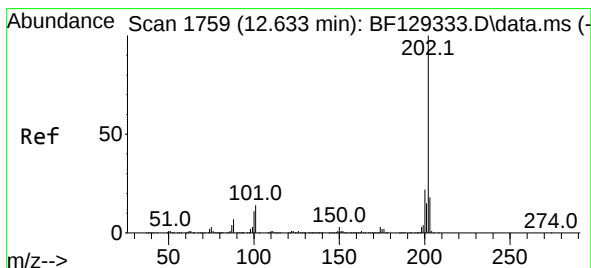
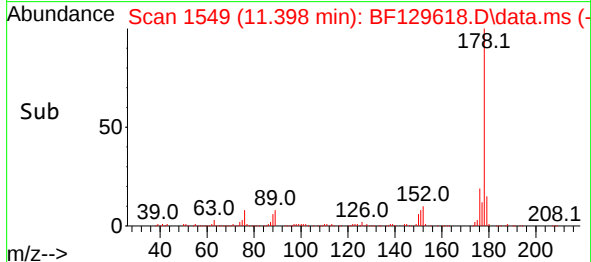
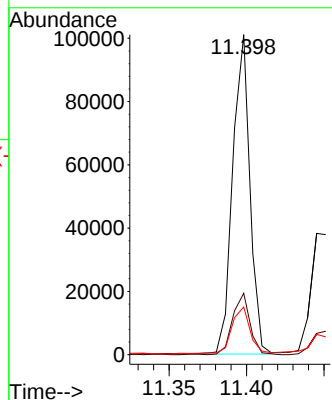
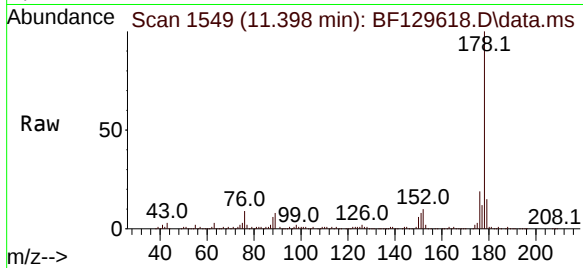




#71
Phenanthrene
Concen: 3.354 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

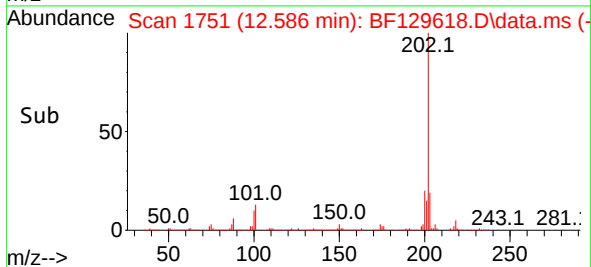
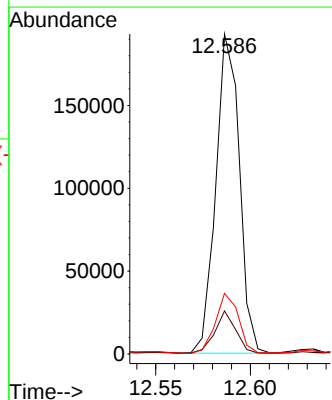
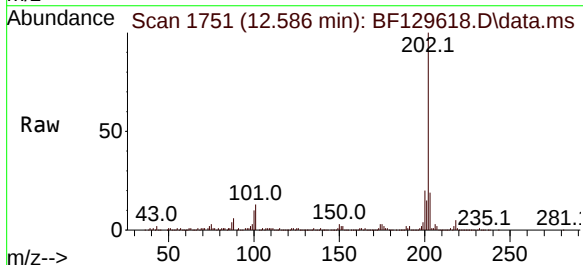
Instrument :
BNA_F
ClientSampleId :
RVE-184

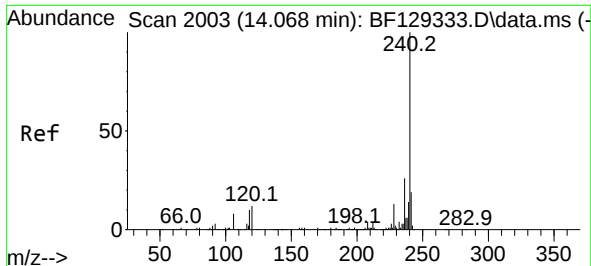
Tgt Ion:178 Resp: 78179
Ion Ratio Lower Upper
178 100
176 19.2 16.0 24.0
179 14.9 12.6 19.0



#75
Fluoranthene
Concen: 7.059 ng
RT: 12.586 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:202 Resp: 166717
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 18.9 0.0 38.0

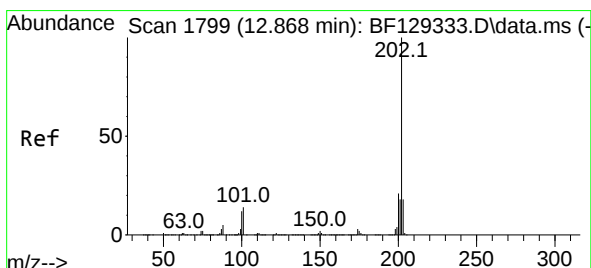
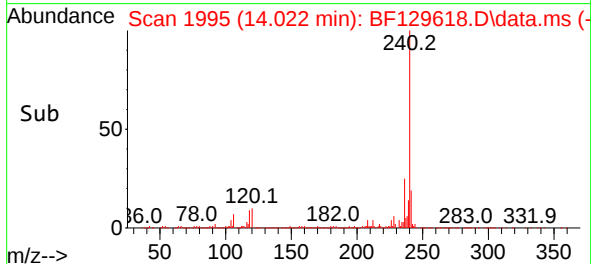
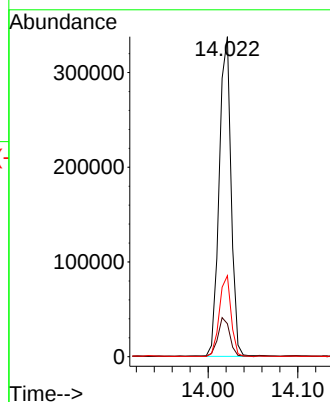
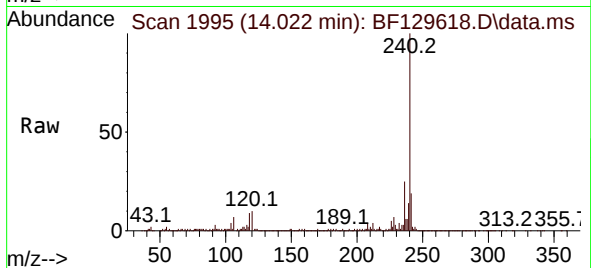




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

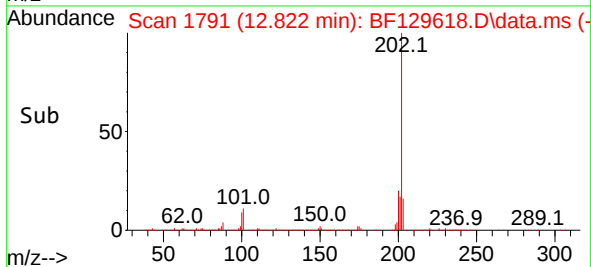
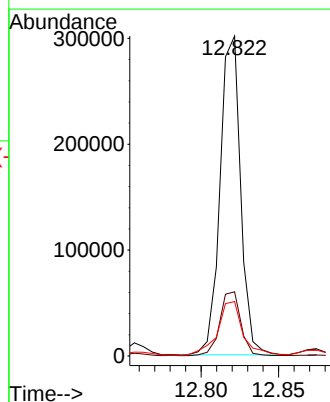
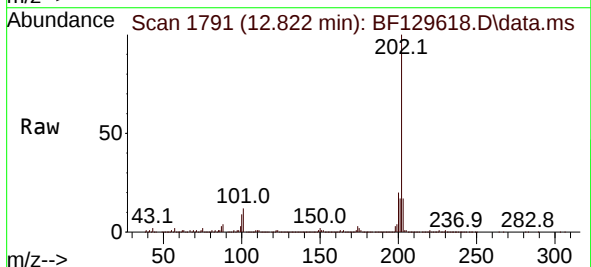
Instrument :
BNA_F
ClientSampleId :
RVE-184

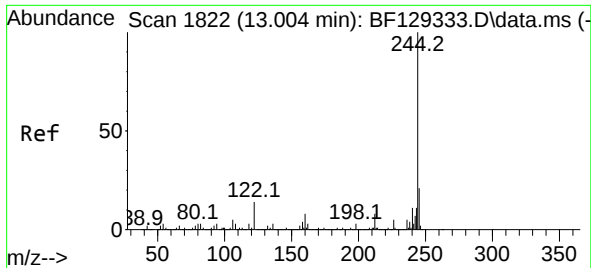
Tgt Ion:240 Resp: 310615
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 25.3 20.8 31.2



#78
Pyrene
Concen: 10.719 ng
RT: 12.822 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:202 Resp: 278431
Ion Ratio Lower Upper
202 100
200 20.1 17.7 26.5
203 17.0 14.6 21.8

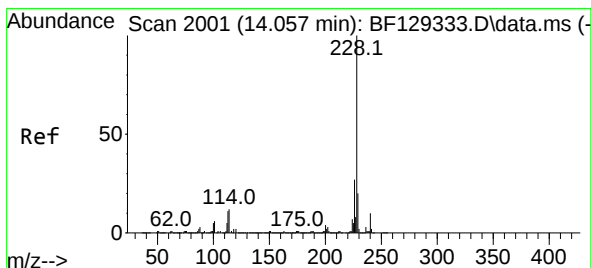
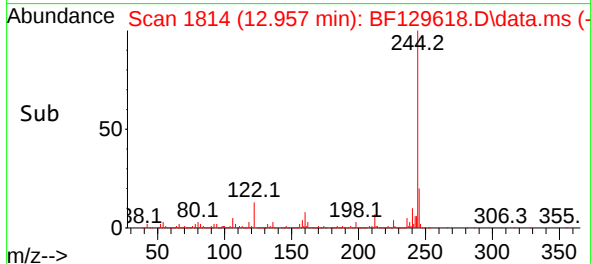
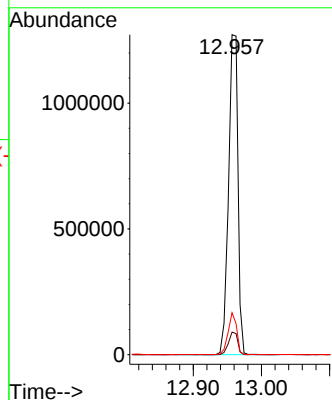
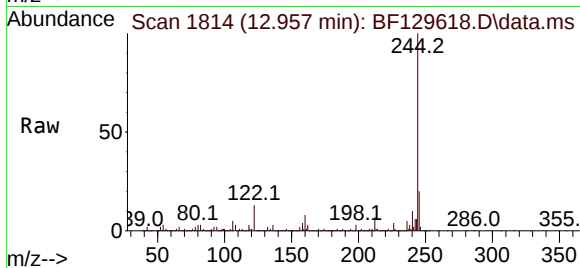




#79
 Terphenyl-d14
 Concen: 74.338 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.012 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

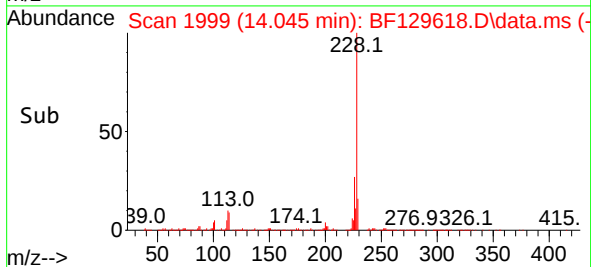
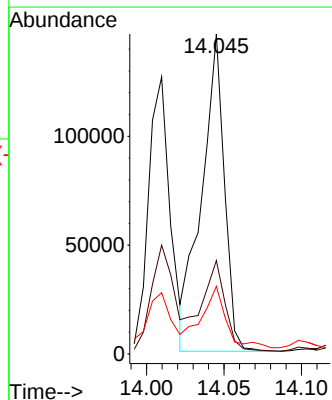
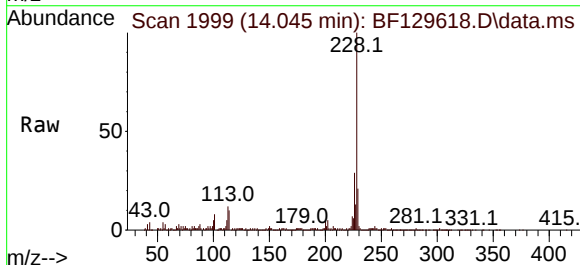
Instrument :
 BNA_F
 ClientSampleId :
 RVE-184

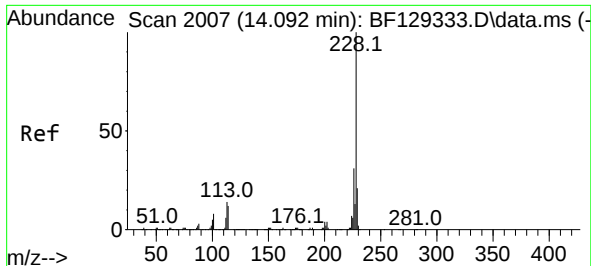
Tgt Ion:244 Resp: 1223929
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 13.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 7.015 ng
 RT: 14.045 min Scan# 1999
 Delta R.T. 0.029 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

Tgt Ion:228 Resp: 148847
 Ion Ratio Lower Upper
 228 100
 226 29.2 22.1 33.1
 229 21.1 15.8 23.8

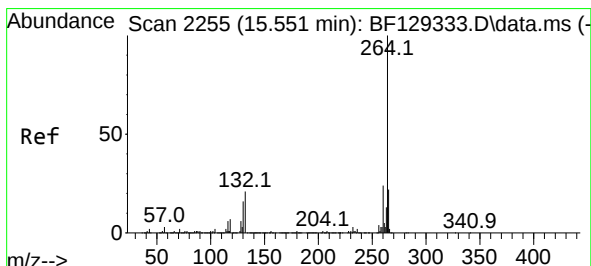
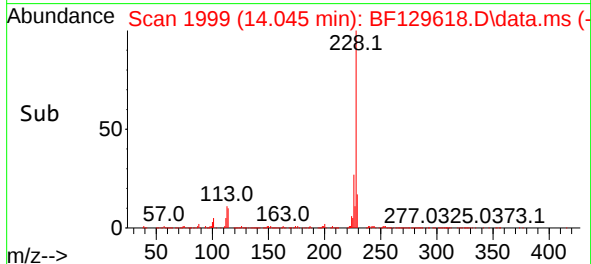
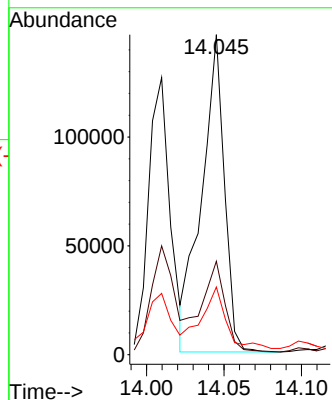
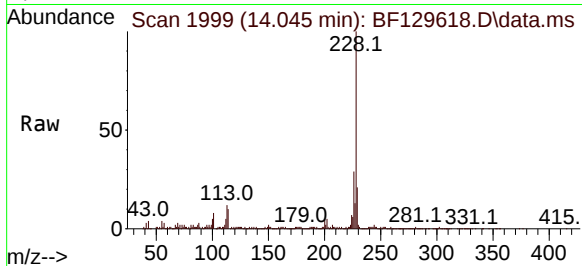




#83
Chrysene
Concen: 7.443 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

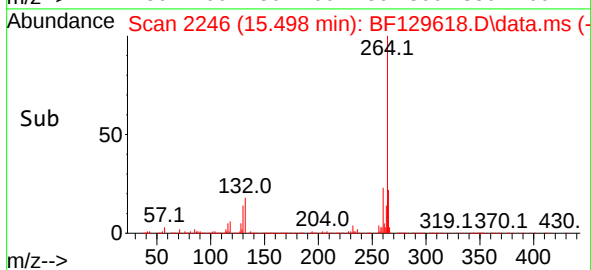
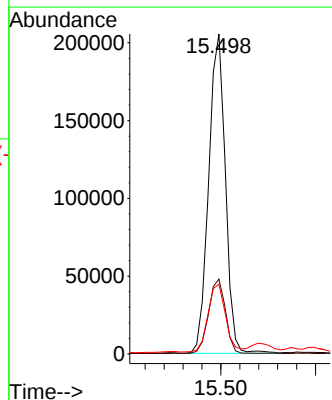
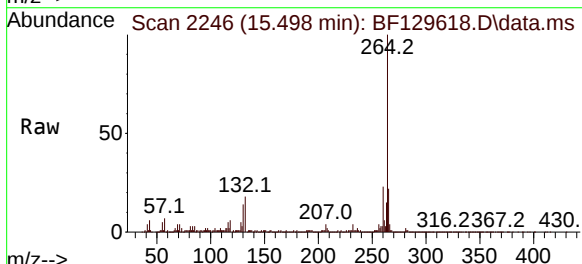
Instrument :
BNA_F
ClientSampleId :
RVE-184

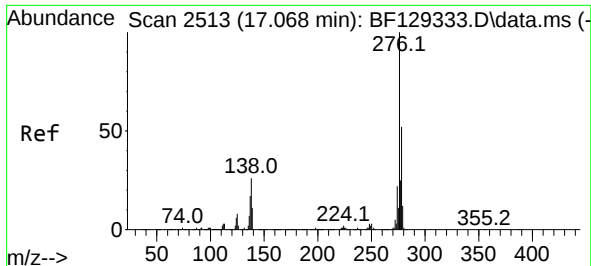
Tgt Ion:228 Resp: 148847
Ion Ratio Lower Upper
228 100
226 29.2 24.3 36.5
229 21.1 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:264 Resp: 252326
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 21.8 17.2 25.8

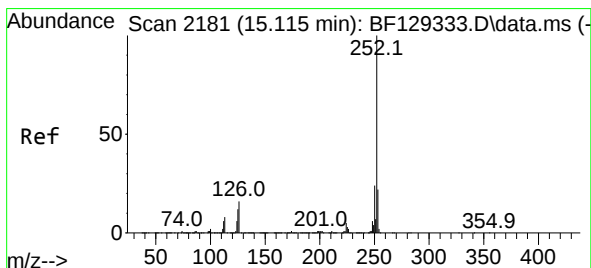
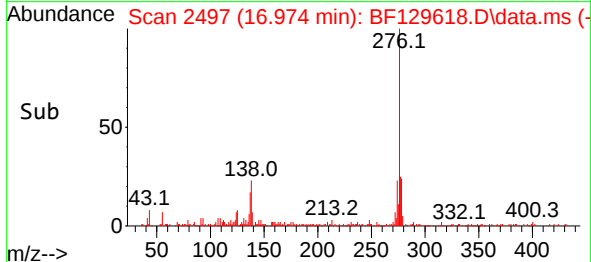
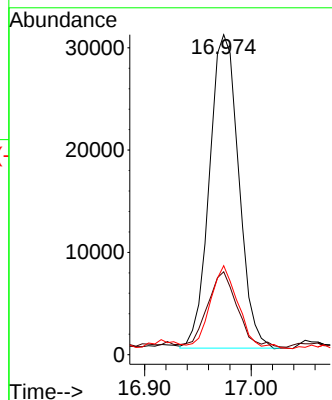
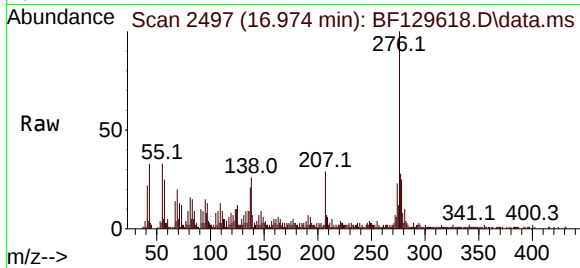




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.438 ng
RT: 16.974 min Scan# 2497
Delta R.T. -0.023 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

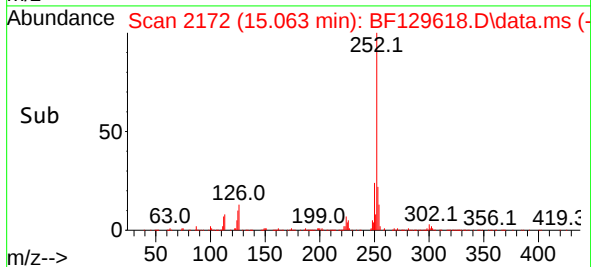
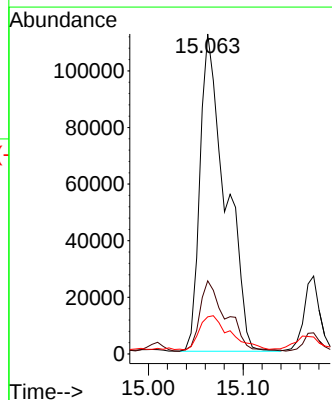
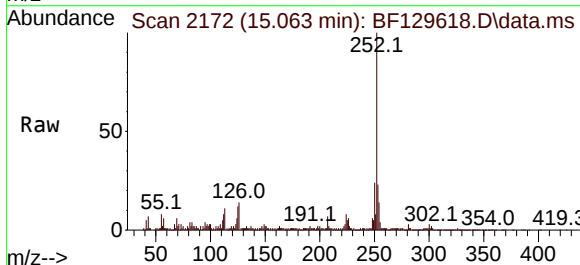
Instrument :
BNA_F
ClientSampleId :
RVE-184

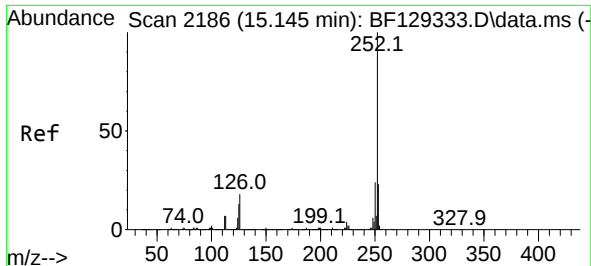
Tgt Ion:276 Resp: 58413
Ion Ratio Lower Upper
276 100
138 24.5 21.1 31.7
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 12.580 ng
RT: 15.063 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

Tgt Ion:252 Resp: 210556
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 11.6 8.0 12.0

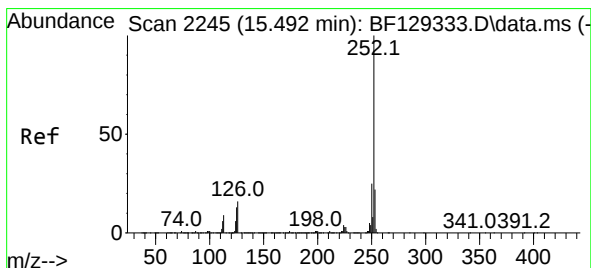
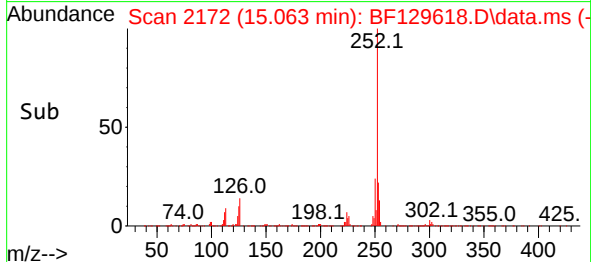
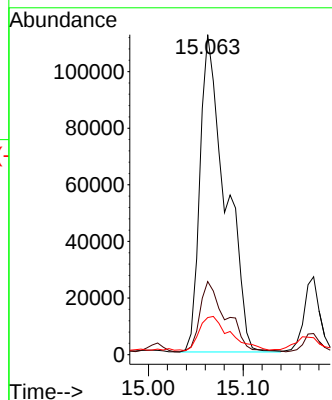
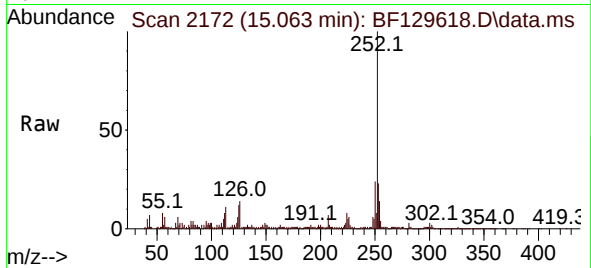




#89
Benzo(k)fluoranthene
Concen: 12.837 ng
RT: 15.063 min Scan# 2186
Delta R.T. -0.041 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

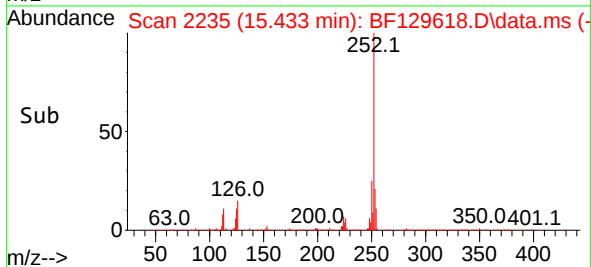
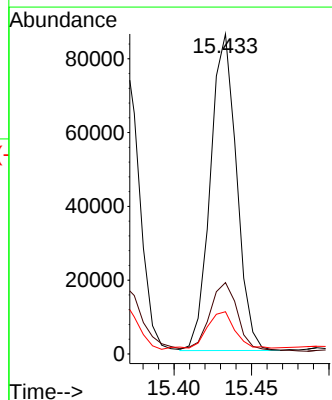
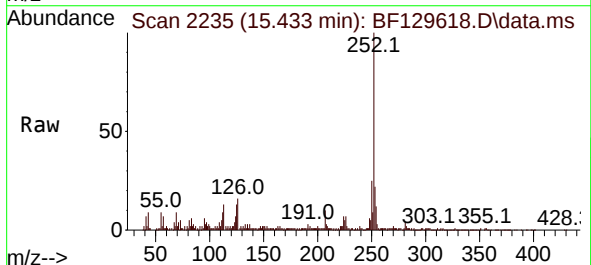
Instrument :
BNA_F
ClientSampleId :
RVE-184

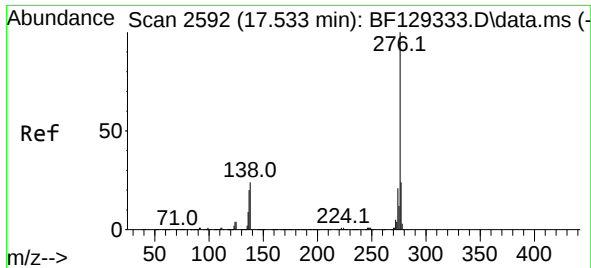
Tgt Ion:252 Resp: 210556
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.6 8.3 12.5



#90
Benzo(a)pyrene
Concen: 7.428 ng
RT: 15.433 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BF129618.D
Acq: 06 Aug 2022 01:12

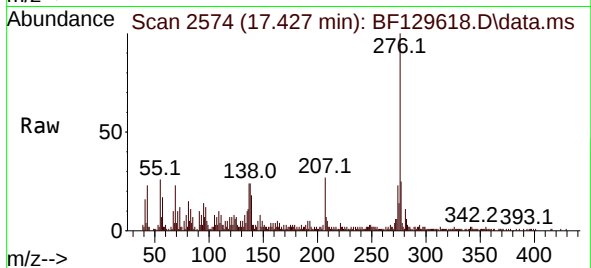
Tgt Ion:252 Resp: 100920
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.6
125 13.2 8.8 13.2#





#92
 Benzo(g,h,i)perylene
 Concen: 4.738 ng
 RT: 17.427 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: BF129618.D
 Acq: 06 Aug 2022 01:12

Instrument :
 BNA_F
 ClientSampleId :
 RVE-184



Tgt Ion:	276	Resp:	66950
Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.1	28.7
138	24.1	18.0	27.0

