

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128918.D
 Acq On : 22 Jun 2022 01:17
 Operator : CG\JU
 Sample : N3397-01 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-061722

Quant Time: Jun 22 04:00:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

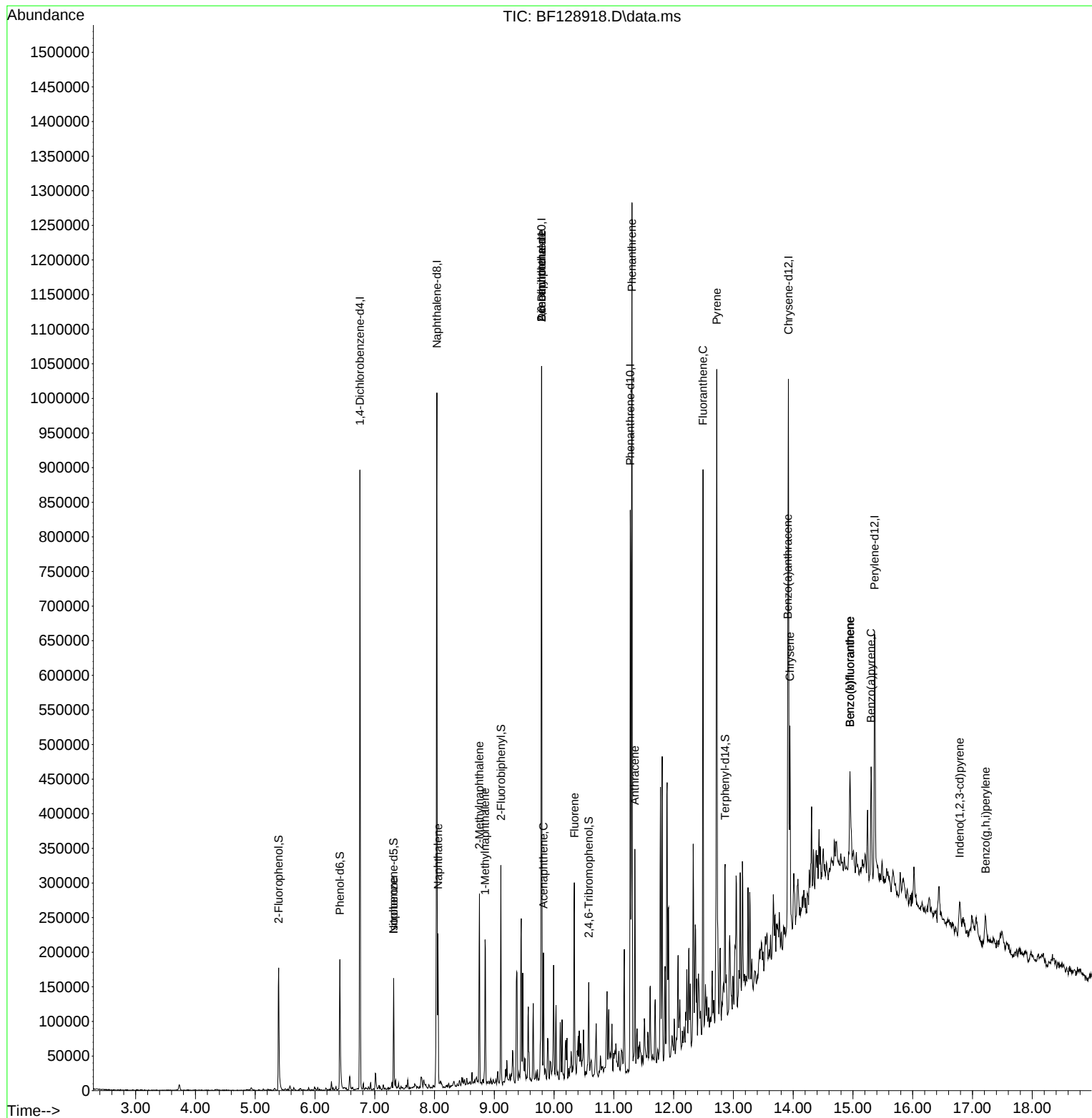
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	111484	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	398387	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	188591	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	304019	20.000	ng	0.00
76) Chrysene-d12	13.921	240	223762	20.000	ng	# 0.00
86) Perylene-d12	15.362	264	159976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	47304	6.759	ng	0.00
7) Phenol-d6	6.416	99	59495	6.964	ng	0.00
23) Nitrobenzene-d5	7.316	82	41148	4.809	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	9957	4.468	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	75432	5.603	ng	0.00
79) Terphenyl-d14	12.863	244	67838	5.268	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.316	82	41148	3.166	ng	# 65
31) Naphthalene	8.057	128	74814	3.659	ng	98
37) 2-Methylnaphthalene	8.751	142	60176	4.627	ng	98
38) 1-Methylnaphthalene	8.845	142	49228	3.918	ng	95
50) Dimethylphthalate	9.792	163	34521	2.674	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	26806	10.521	ng	# 26
52) Acenaphthene	9.822	154	28646	2.661	ng	94
58) Fluorene	10.339	166	69909	5.827	ng	98
71) Phenanthrene	11.304	178	426703	27.982	ng	98
72) Anthracene	11.351	178	106224	7.038	ng	98
75) Fluoranthene	12.492	202	276532	17.349	ng	97
78) Pyrene	12.721	202	365191	21.936	ng	99
81) Benzo(a)anthracene	13.910	228	123399	8.847	ng	95
83) Chrysene	13.945	228	110093	8.279	ng	97
87) Indeno(1,2,3-cd)pyrene	16.786	276	26724	2.772	ng	# 91
88) Benzo(b)fluoranthene	14.951	252	93568	9.153	ng	93
89) Benzo(k)fluoranthene	14.951	252	93568	9.730	ng	93
90) Benzo(a)pyrene	15.304	252	65326	8.131	ng	94
92) Benzo(g,h,i)perylene	17.221	276	31821	4.014	ng	# 93

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

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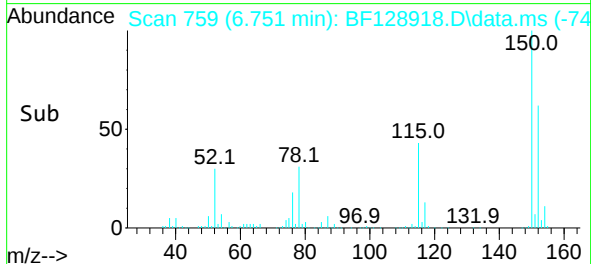
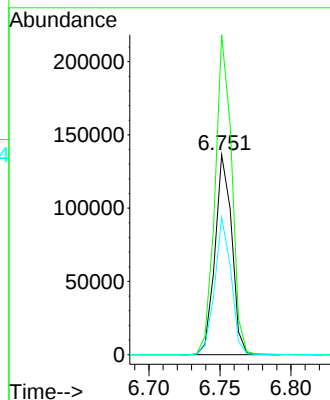
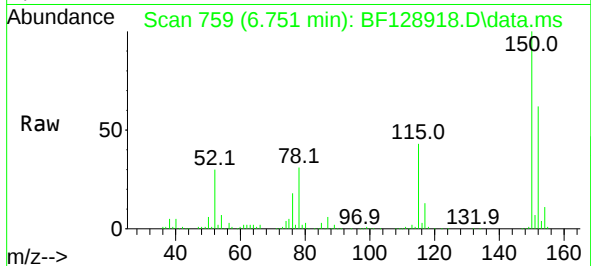




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

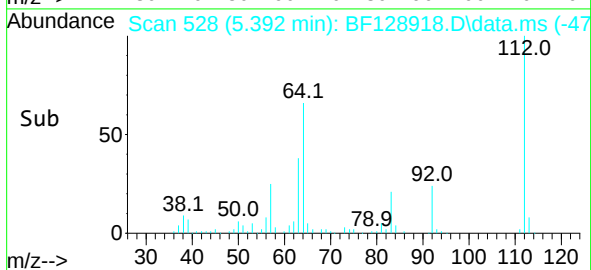
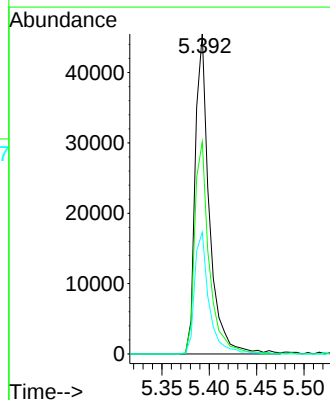
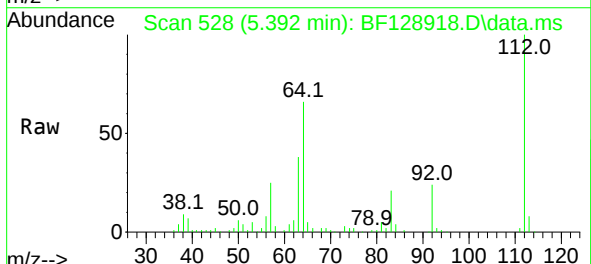
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

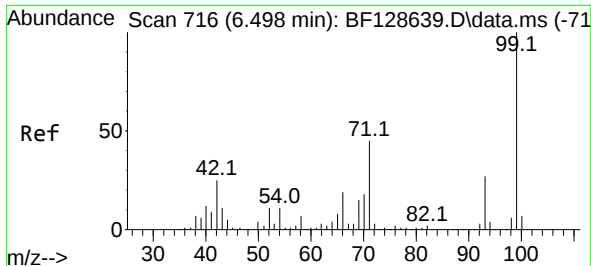
Tgt Ion:152 Resp: 111484
Ion Ratio Lower Upper
152 100
150 160.0 123.7 185.5
115 68.8 49.9 74.9



#5
2-Fluorophenol
Concen: 6.759 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:112 Resp: 47304
Ion Ratio Lower Upper
112 100
64 66.3 53.3 79.9
63 38.1 28.0 42.0

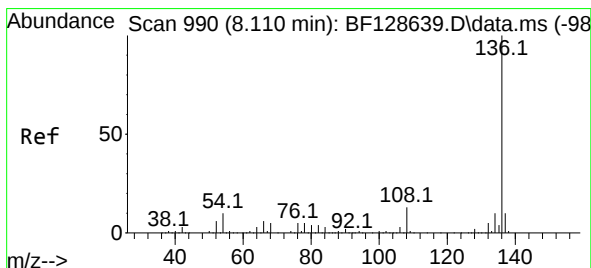
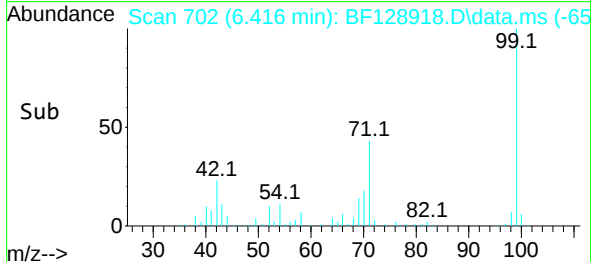
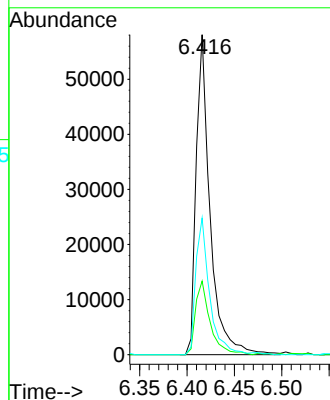
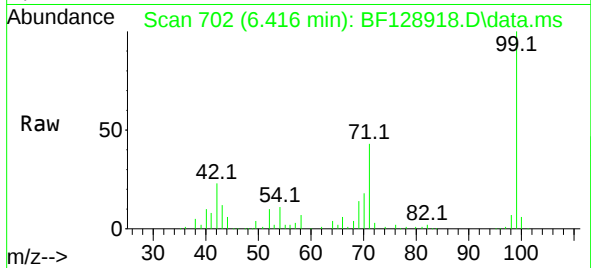




#7
Phenol-d6
Concen: 6.964 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

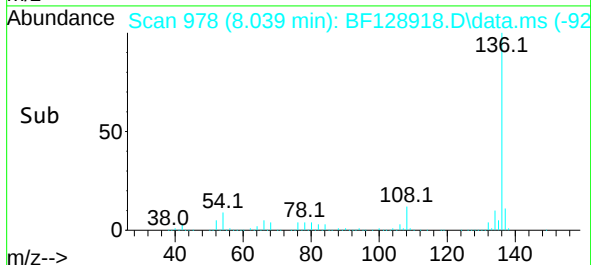
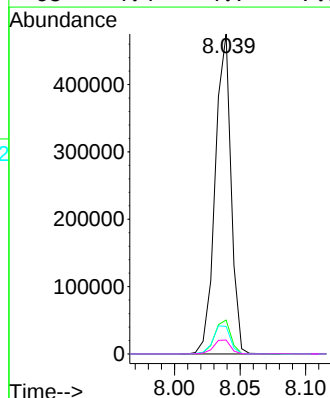
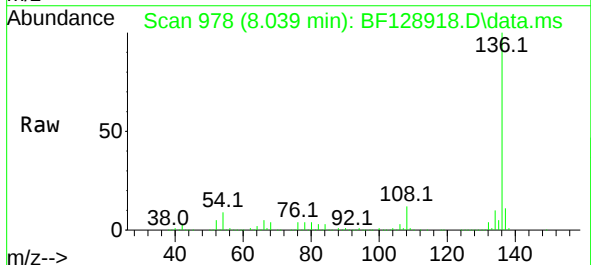
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

Tgt Ion: 99 Resp: 59495
Ion Ratio Lower Upper
99 100
42 23.0 17.3 25.9
71 42.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion: 136 Resp: 398387
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.6 7.5 11.3
68 4.4 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 4.809 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128918.D

Acq: 22 Jun 2022 01:17

Instrument :

BNA_F

ClientSampleId :

OR-2-061722

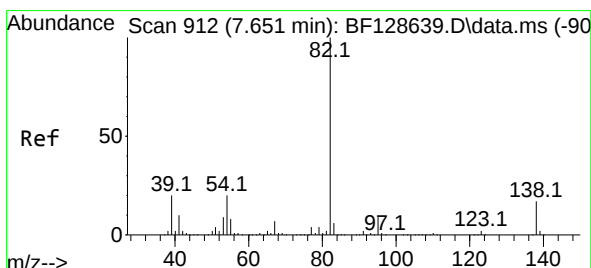
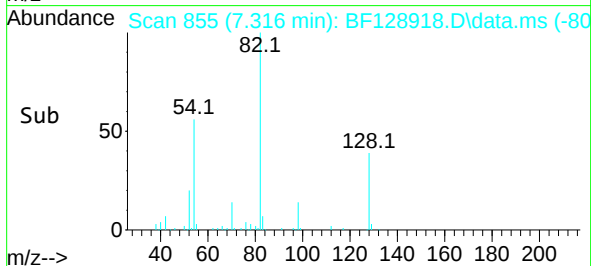
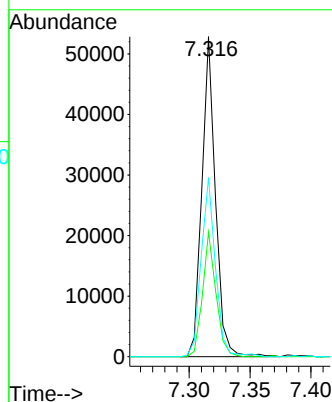
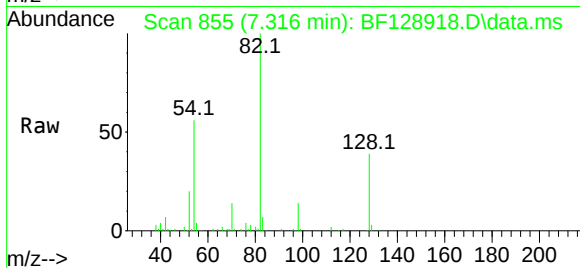
Tgt Ion: 82 Resp: 41148

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 55.9 46.9 70.3



#25

Isophorone

Concen: 3.166 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.271 min

Lab File: BF128918.D

Acq: 22 Jun 2022 01:17

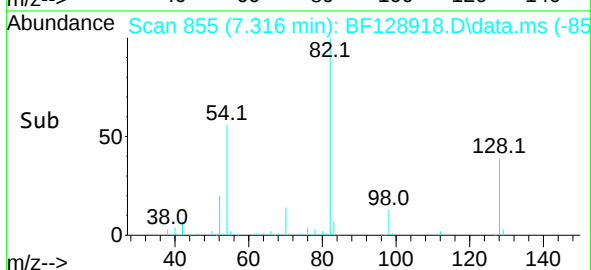
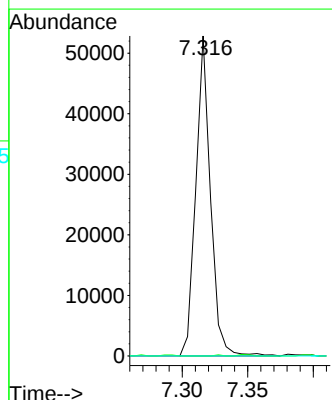
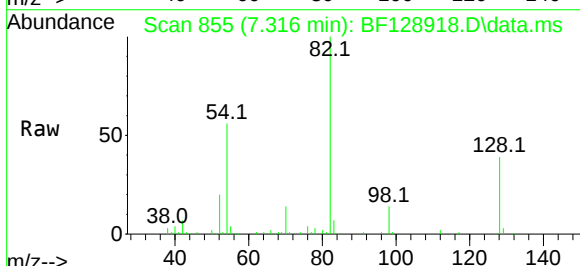
Tgt Ion: 82 Resp: 41148

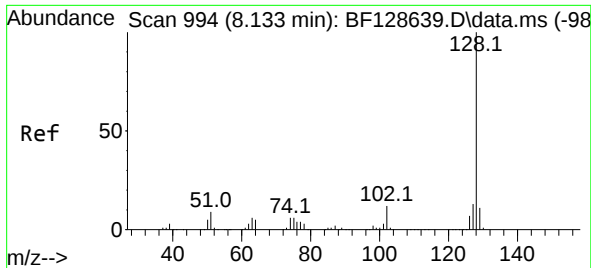
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.2#

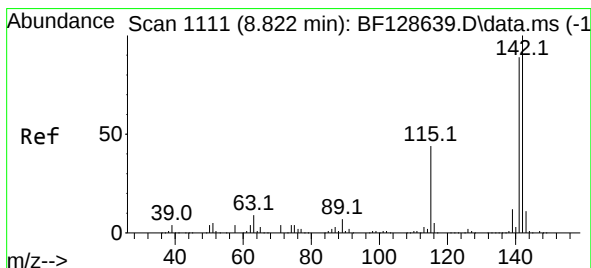
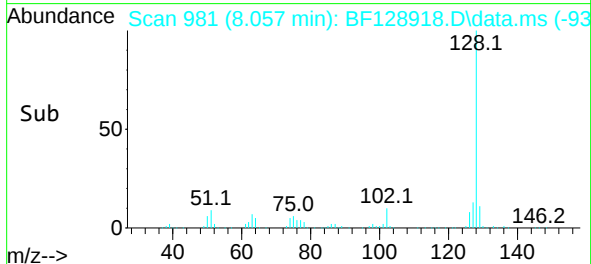
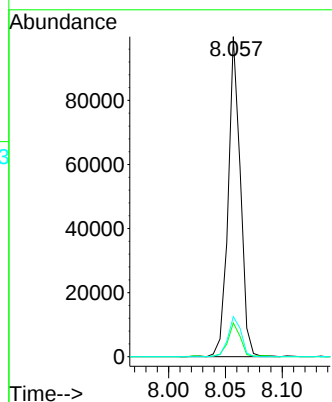
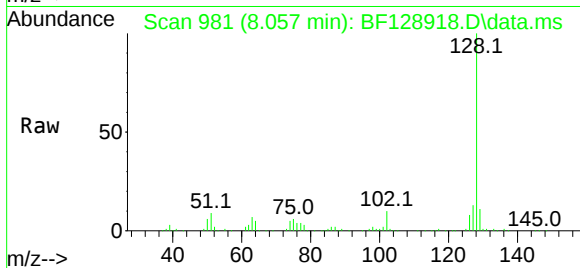




#31
Naphthalene
Concen: 3.659 ng
RT: 8.057 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

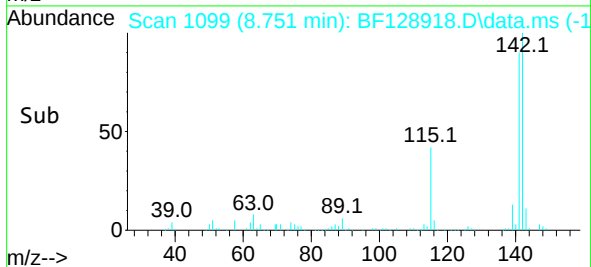
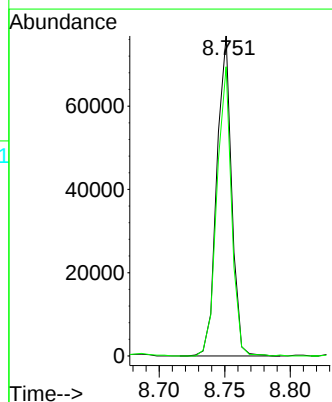
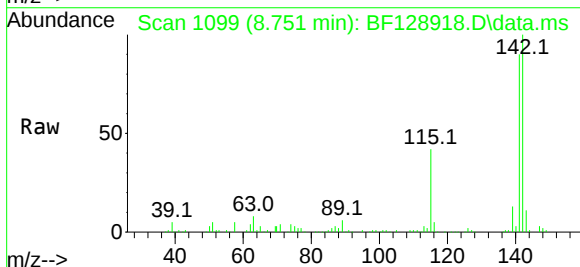
Instrument :
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OR-2-061722

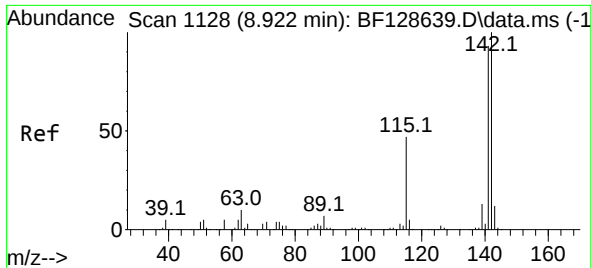
Tgt Ion:128 Resp: 74814
Ion Ratio Lower Upper
128 100
129 10.6 9.2 13.8
127 12.5 10.5 15.7



#37
2-Methylnaphthalene
Concen: 4.627 ng
RT: 8.751 min Scan# 1099
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:142 Resp: 60176
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.4

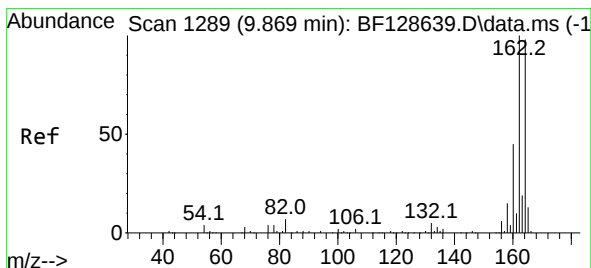
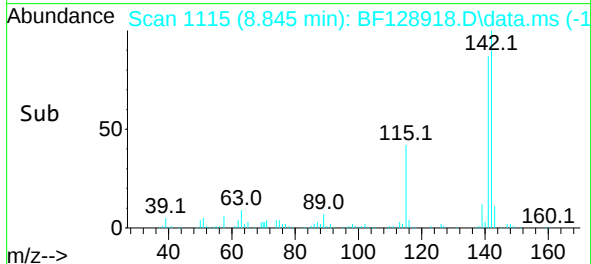
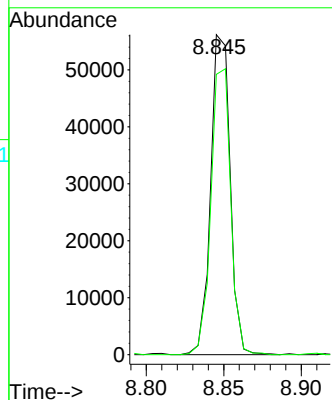
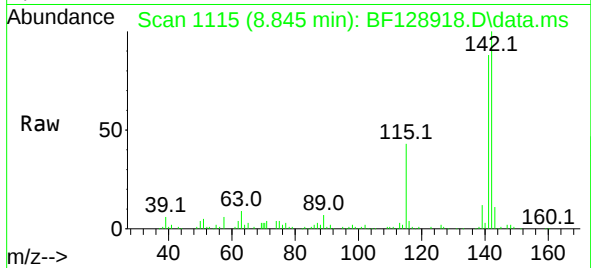




#38
1-Methylnaphthalene
Concen: 3.918 ng
RT: 8.845 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

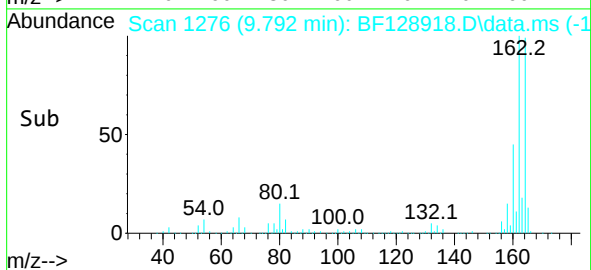
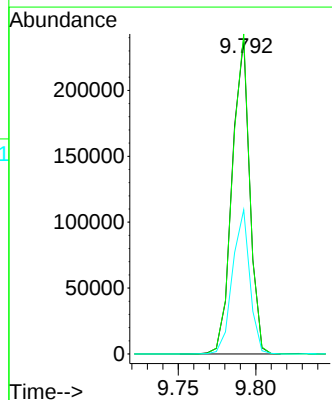
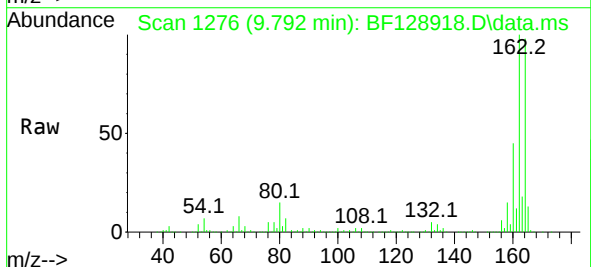
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ClientSampleId :
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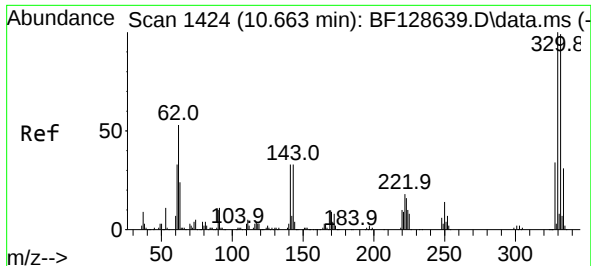
Tgt Ion:142 Resp: 49228
Ion Ratio Lower Upper
142 100
141 87.6 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:164 Resp: 188591
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 4.468 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128918.D

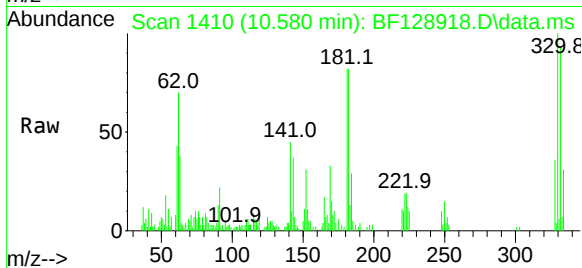
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Instrument :

BNA_F

ClientSampleId :

OR-2-061722



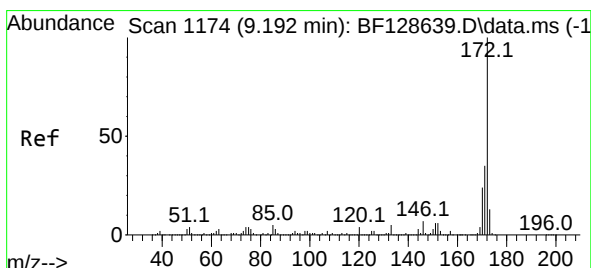
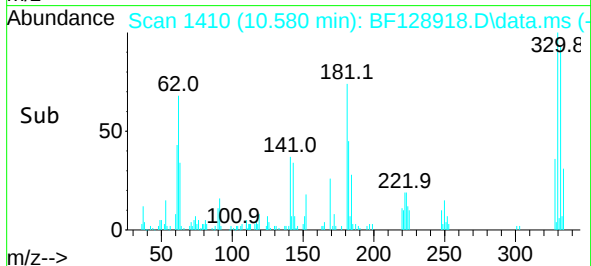
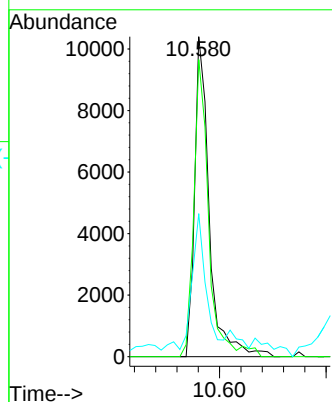
Tgt Ion:330 Resp: 9957

Ion Ratio Lower Upper

330 100

332 93.8 76.8 115.2

141 41.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 5.603 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128918.D

Acq: 22 Jun 2022 01:17

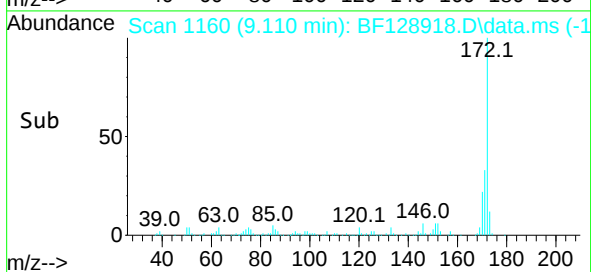
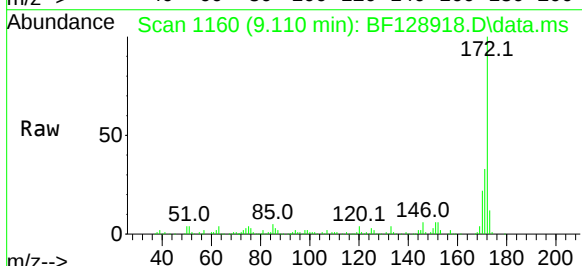
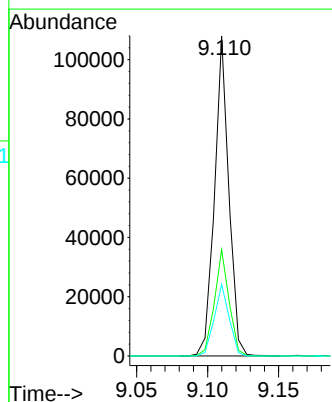
Tgt Ion:172 Resp: 75432

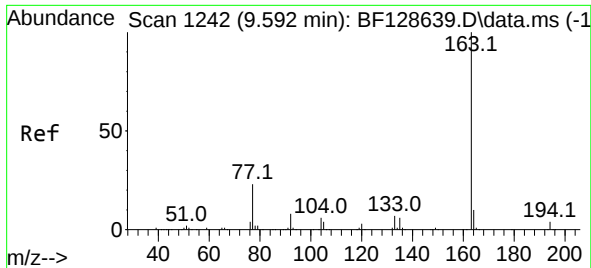
Ion Ratio Lower Upper

172 100

171 33.2 28.8 43.2

170 22.3 19.8 29.8

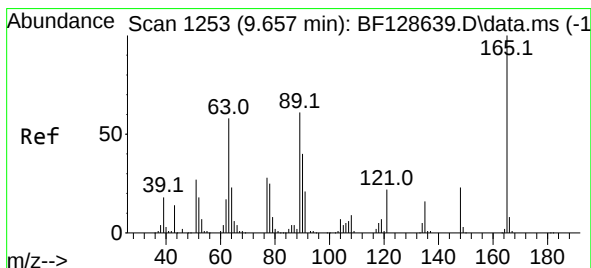
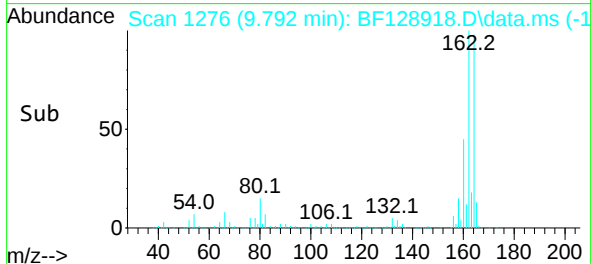
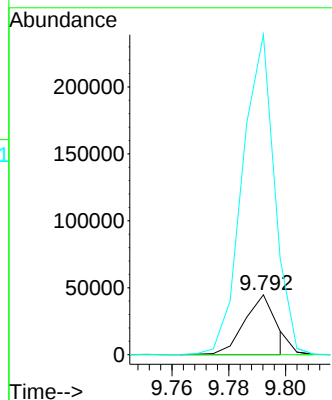
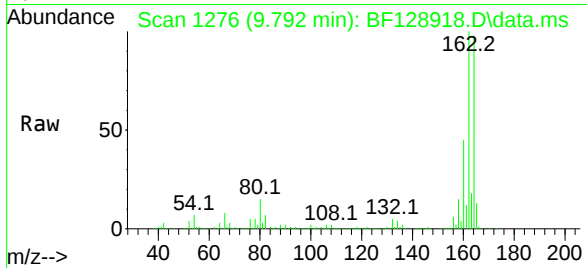




#50
Dimethylphthalate
Concen: 2.674 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

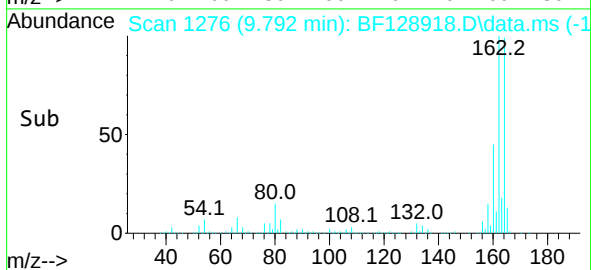
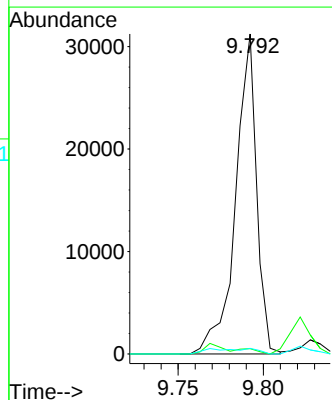
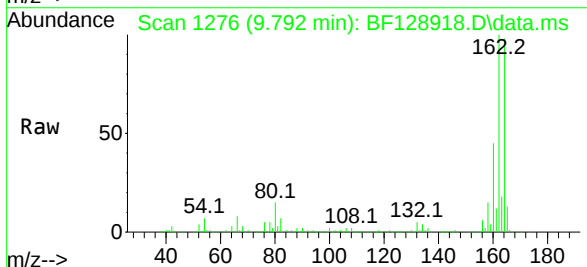
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

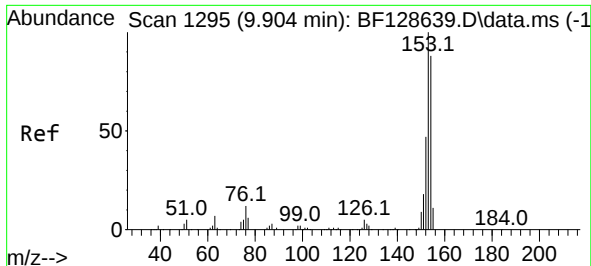
Tgt Ion:163 Resp: 34521
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 534.7 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 10.521 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.206 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

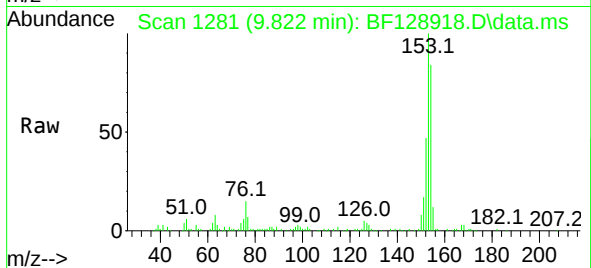
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Ion Ratio Lower Upper
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63 1.7 44.9 67.3#
89 1.7 43.6 65.4#



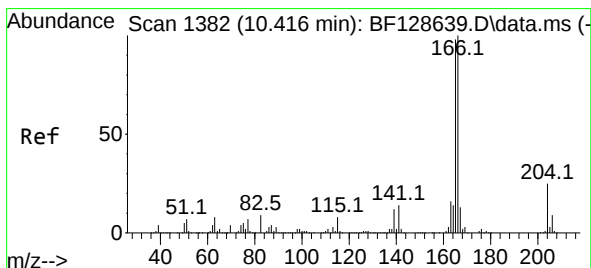
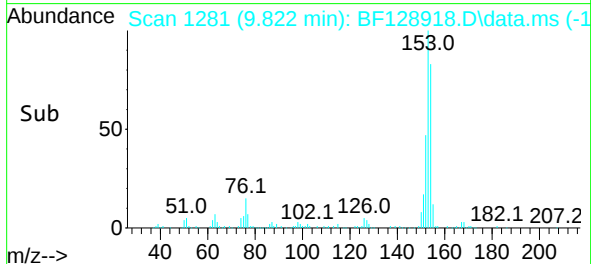
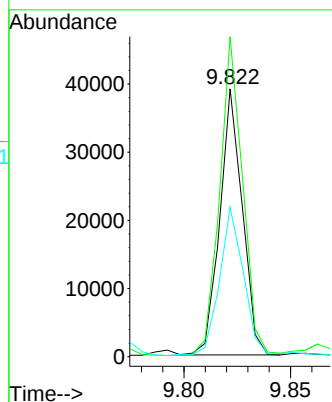


#52
Acenaphthene
Concen: 2.661 ng
RT: 9.822 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Instrument :
BNA_F
ClientSampleId :
OR-2-061722

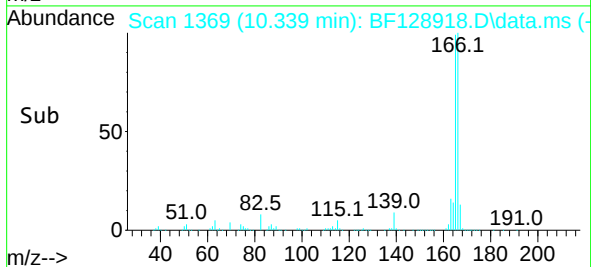
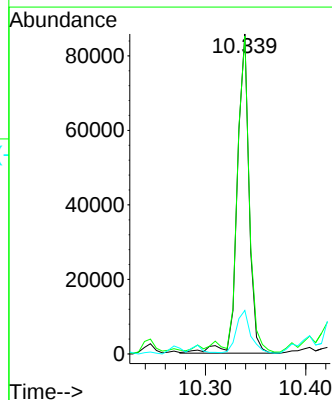
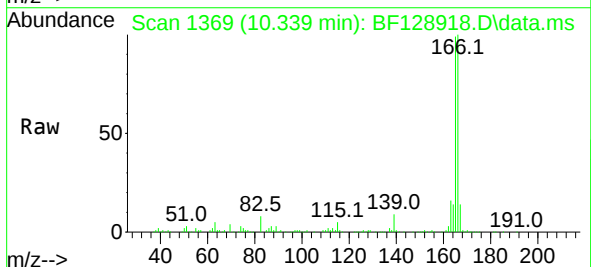


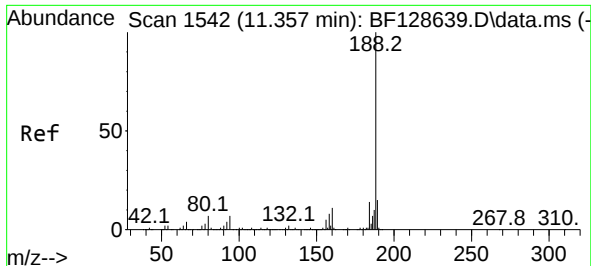
Tgt Ion:154 Resp: 28646
Ion Ratio Lower Upper
154 100
153 119.5 89.6 134.4
152 55.8 42.4 63.6



#58
Fluorene
Concen: 5.827 ng
RT: 10.339 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:166 Resp: 69909
Ion Ratio Lower Upper
166 100
165 99.3 78.1 117.1
167 13.6 10.5 15.7

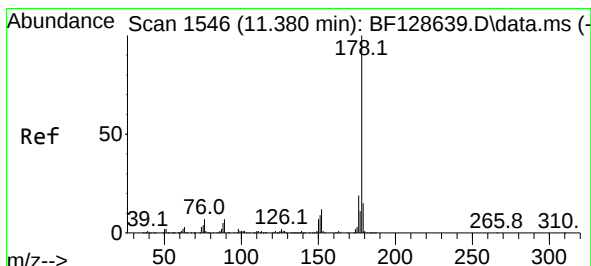
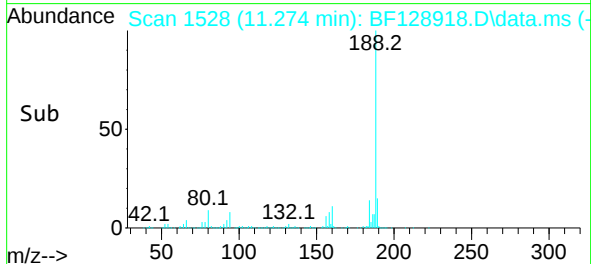
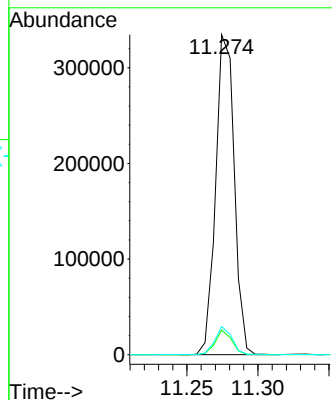
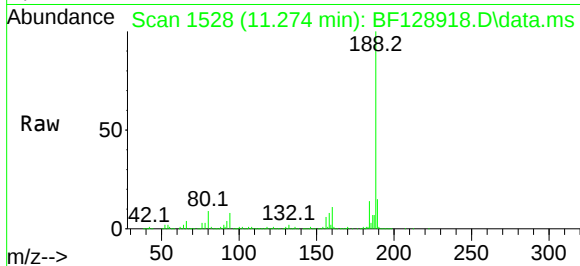




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

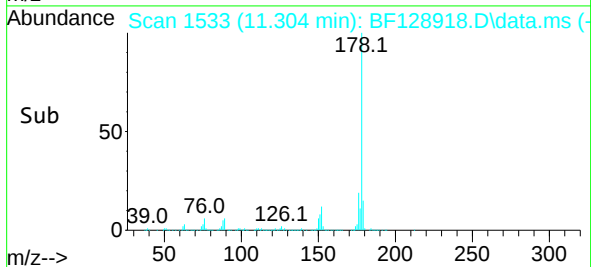
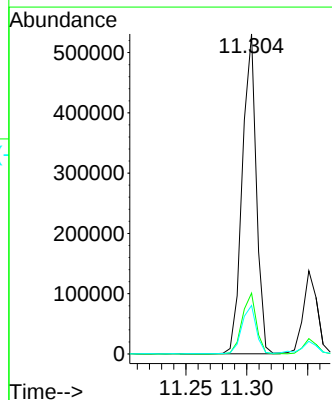
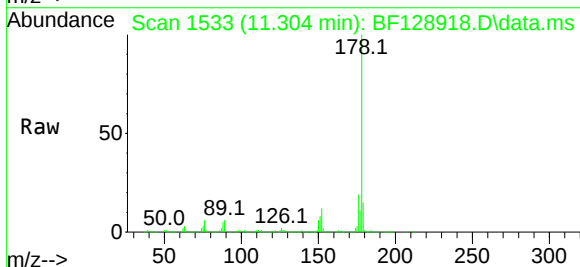
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

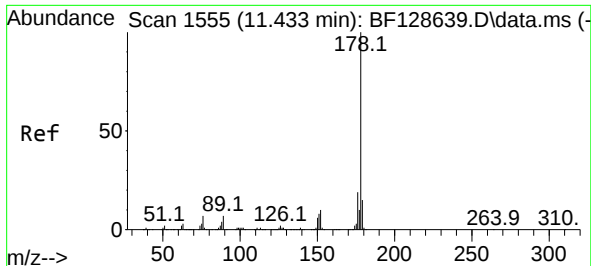
Tgt Ion:188 Resp: 304019
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.8 7.6 11.4



#71
Phenanthrene
Concen: 27.982 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:178 Resp: 426703
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 15.1 12.6 19.0

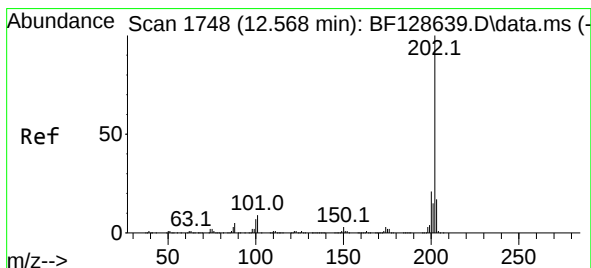
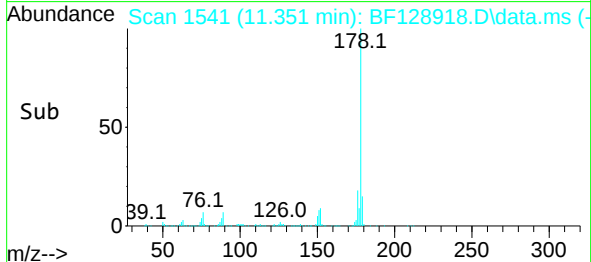
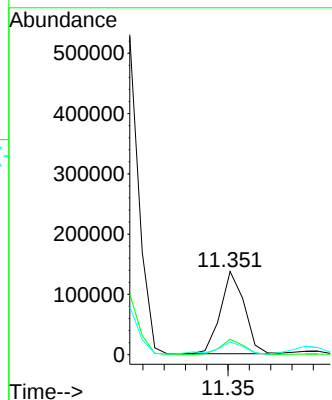
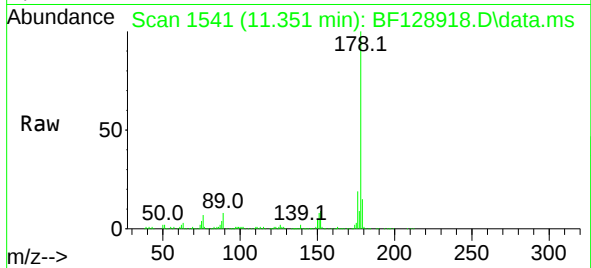




#72
 Anthracene
 Concen: 7.038 ng
 RT: 11.351 min Scan# 1735
 Delta R.T. -0.006 min
 Lab File: BF128918.D
 Acq: 22 Jun 2022 01:17

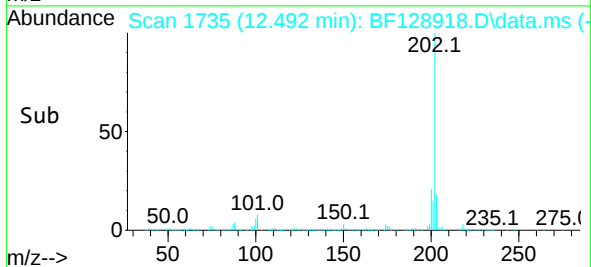
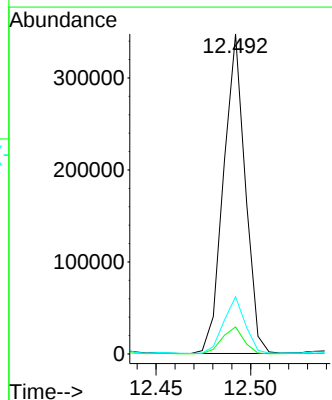
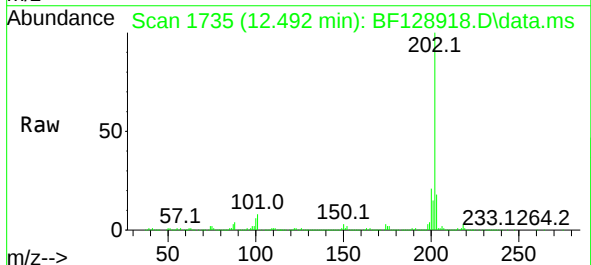
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-061722

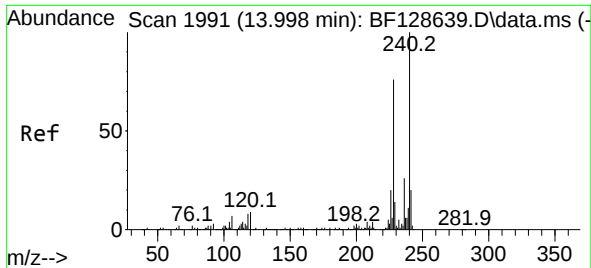
Tgt Ion:178 Resp: 106224
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.2
 179 15.2 12.6 19.0



#75
 Fluoranthene
 Concen: 17.349 ng
 RT: 12.492 min Scan# 1735
 Delta R.T. -0.006 min
 Lab File: BF128918.D
 Acq: 22 Jun 2022 01:17

Tgt Ion:202 Resp: 276532
 Ion Ratio Lower Upper
 202 100
 101 8.4 0.0 31.4
 203 17.9 0.0 38.0

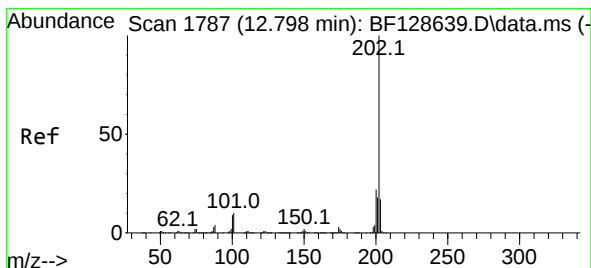
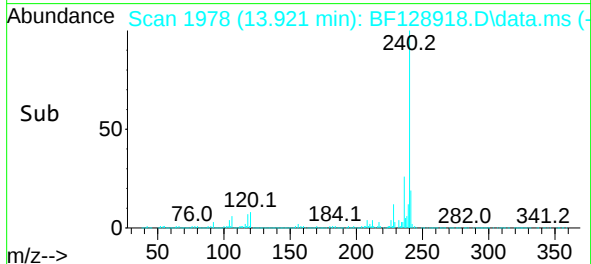
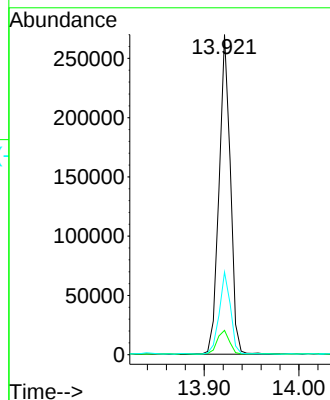
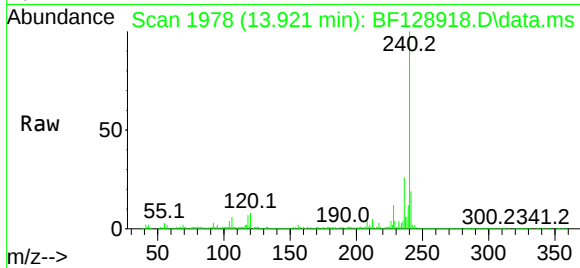




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

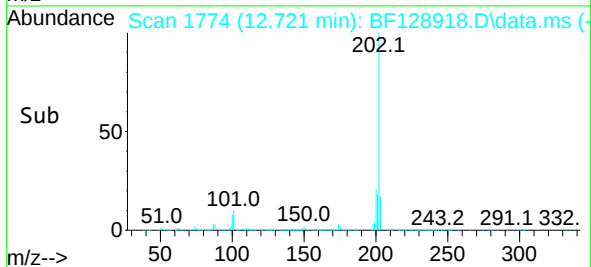
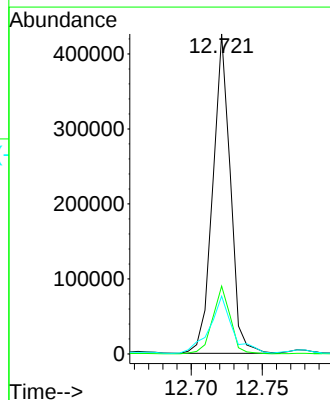
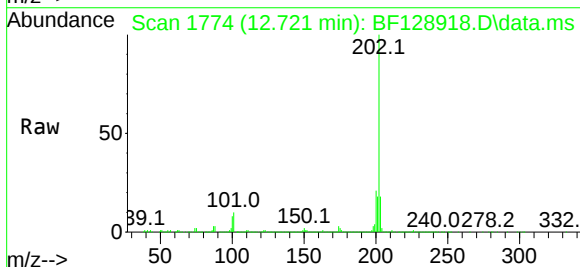
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

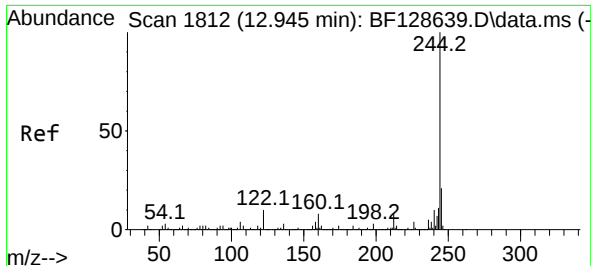
Tgt Ion:240 Resp: 223762
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.8 20.8 31.2



#78
Pyrene
Concen: 21.936 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:202 Resp: 365191
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 18.0 14.6 21.8

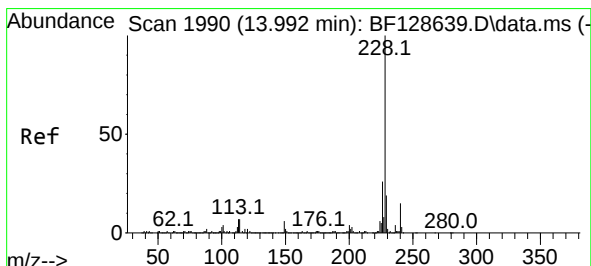
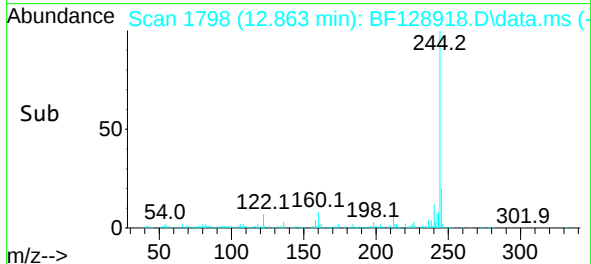
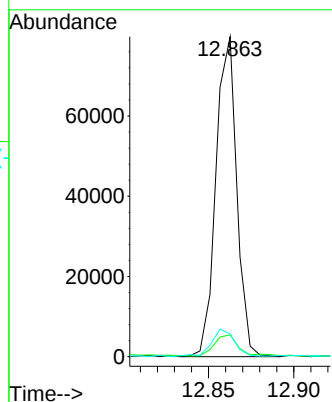
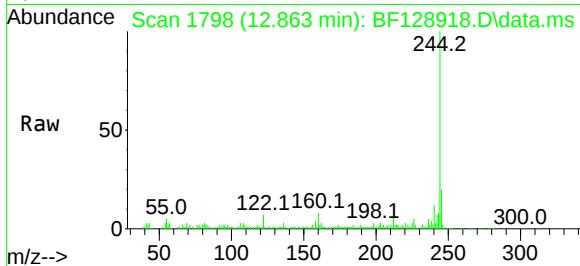




#79
 Terphenyl-d14
 Concen: 5.268 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128918.D
 Acq: 22 Jun 2022 01:17

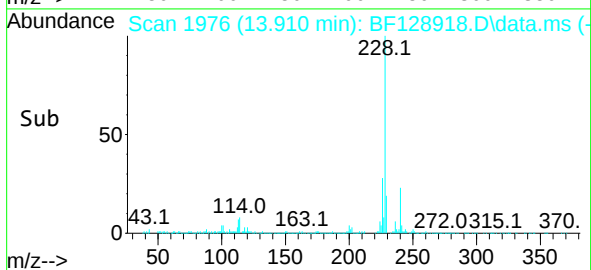
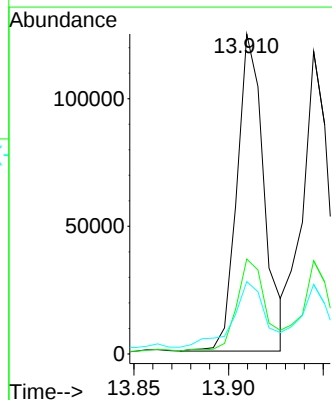
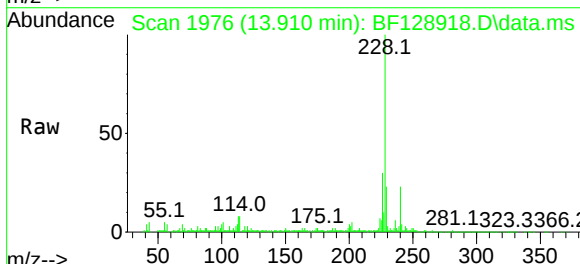
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-061722

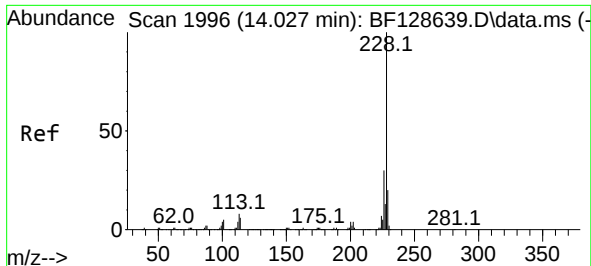
Tgt Ion:244 Resp: 67838
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 7.1 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 8.847 ng
 RT: 13.910 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: BF128918.D
 Acq: 22 Jun 2022 01:17

Tgt Ion:228 Resp: 123399
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.1 33.1
 229 22.6 15.8 23.8

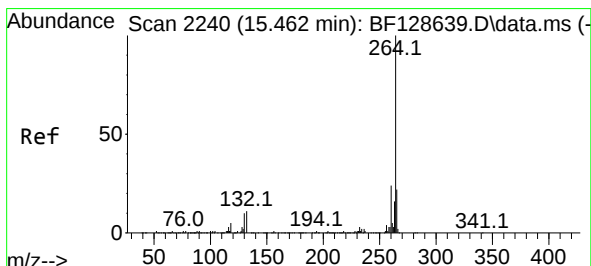
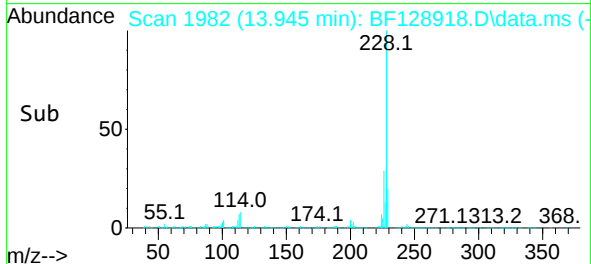
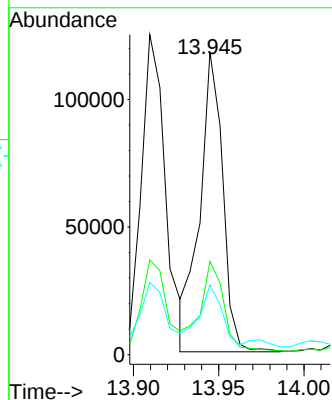
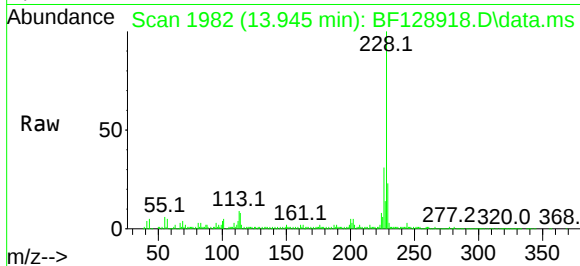




#83
Chrysene
Concen: 8.279 ng
RT: 13.945 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

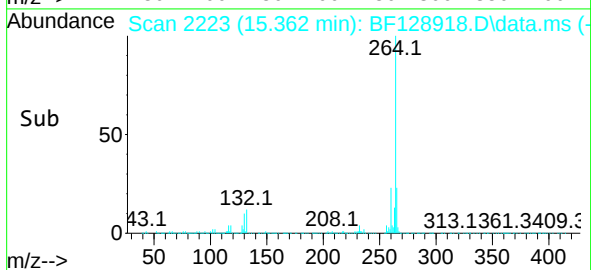
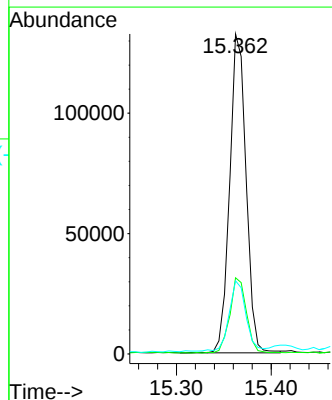
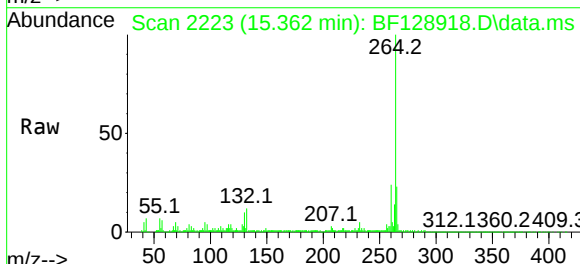
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

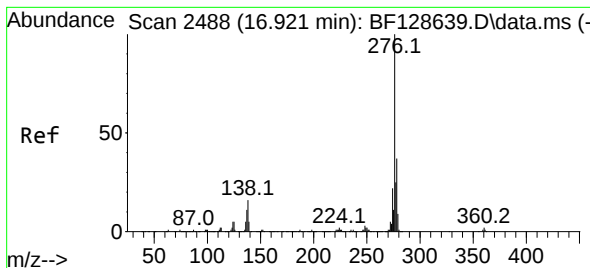
Tgt Ion:228 Resp: 110093
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 23.0 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.362 min Scan# 2223
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:264 Resp: 159976
Ion Ratio Lower Upper
264 100
260 23.8 18.4 27.6
265 22.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.772 ng

RT: 16.786 min Scan# 2488

Delta R.T. -0.006 min

Lab File: BF128918.D

Acq: 22 Jun 2022 01:17

Instrument :

BNA_F

ClientSampleId :

OR-2-061722

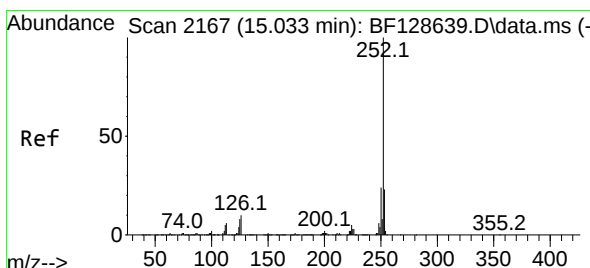
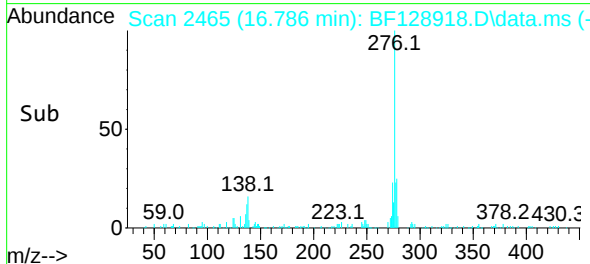
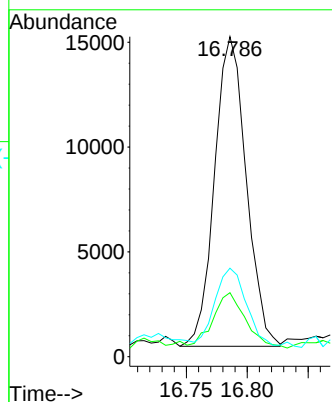
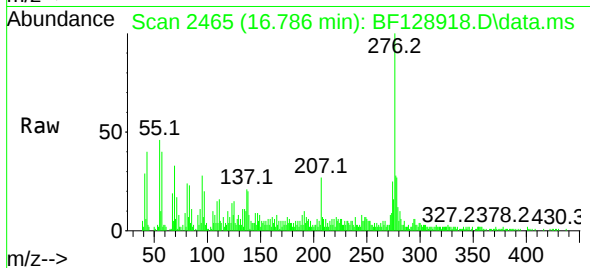
Tgt Ion:276 Resp: 26724

Ion Ratio Lower Upper

276 100

138 18.4 21.1 31.7#

277 24.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 9.153 ng

RT: 14.951 min Scan# 2153

Delta R.T. -0.000 min

Lab File: BF128918.D

Acq: 22 Jun 2022 01:17

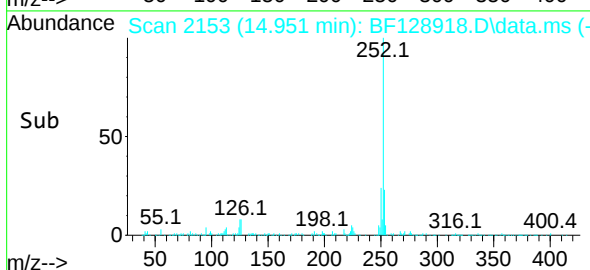
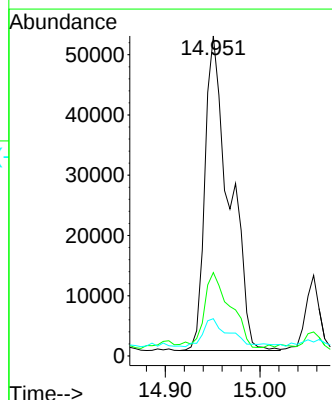
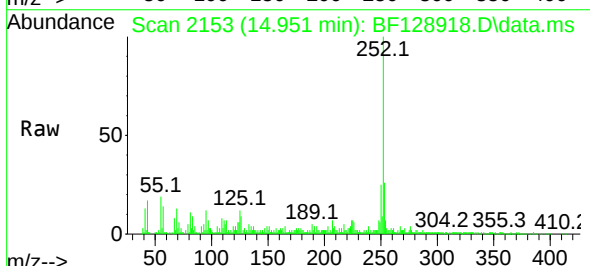
Tgt Ion:252 Resp: 93568

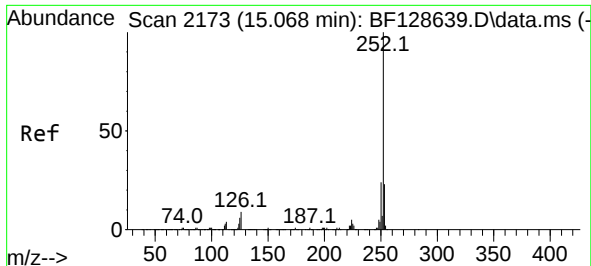
Ion Ratio Lower Upper

252 100

253 26.0 17.7 26.5

125 11.7 8.0 12.0

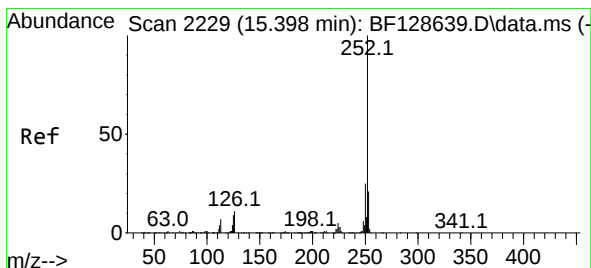
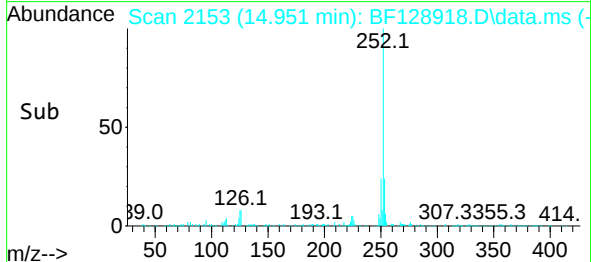
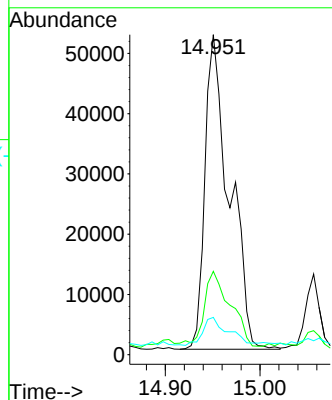
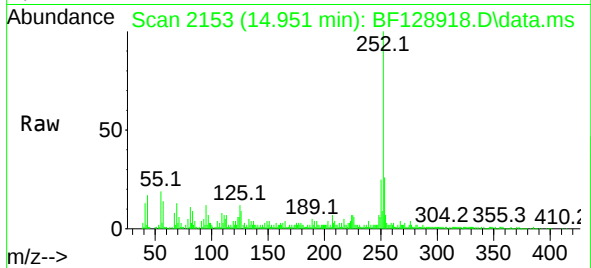




#89
Benzo(k)fluoranthene
Concen: 9.730 ng
RT: 14.951 min Scan# 2173
Delta R.T. -0.029 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

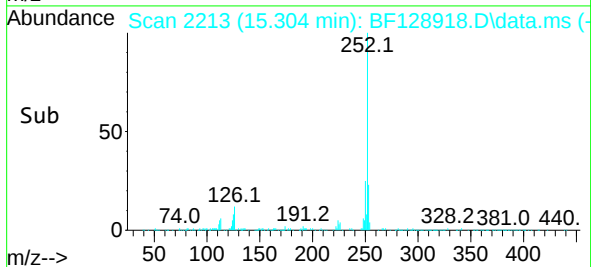
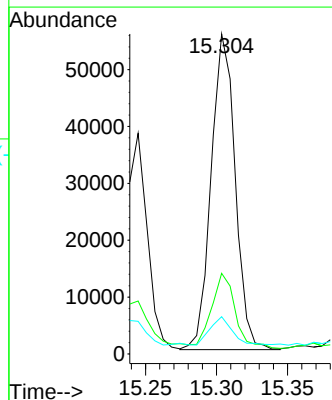
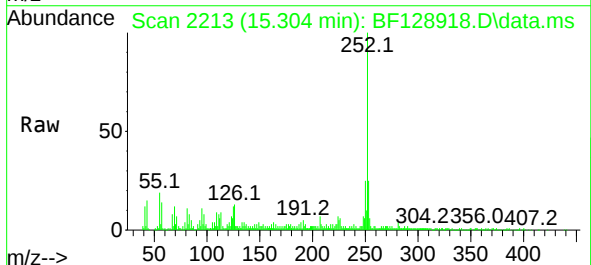
Instrument :
BNA_F
ClientSampleId :
OR-2-061722

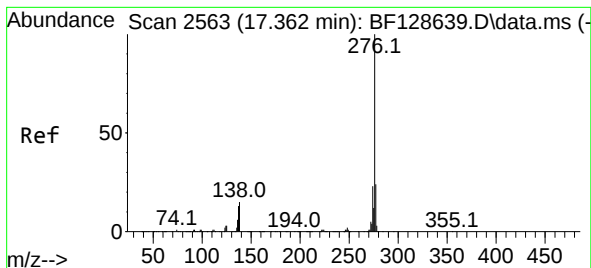
Tgt Ion:252 Resp: 93568
Ion Ratio Lower Upper
252 100
253 26.0 17.8 26.6
125 11.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 8.131 ng
RT: 15.304 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BF128918.D
Acq: 22 Jun 2022 01:17

Tgt Ion:252 Resp: 65326
Ion Ratio Lower Upper
252 100
253 25.2 17.0 25.6
125 11.6 8.8 13.2





#92

Benzo(g,h,i)perylene

Concen: 4.014 ng

RT: 17.221 min Scan# 2

Delta R.T. 0.006 min

Lab File: BF128918.D

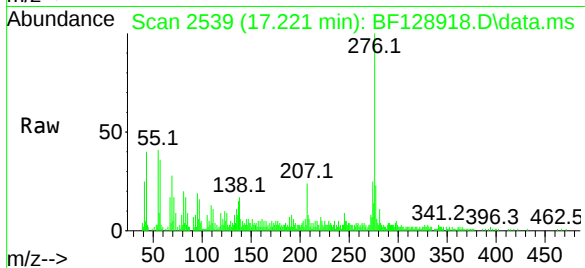
Acq: 22 Jun 2022 01:17

Instrument :

BNA_F

ClientSampleId :

OR-2-061722



Tgt Ion:276 Resp: 31821

Ion Ratio Lower Upper

276 100

277 23.3 19.1 28.7

138 16.7 18.0 27.0#

