

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128753.D
 Acq On : 09 Jun 2022 18:20
 Operator : CG\JU
 Sample : N3267-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822

Quant Time: Jun 10 03:29:09 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 08 14:28:39 2022
 Response via : Initial Calibration

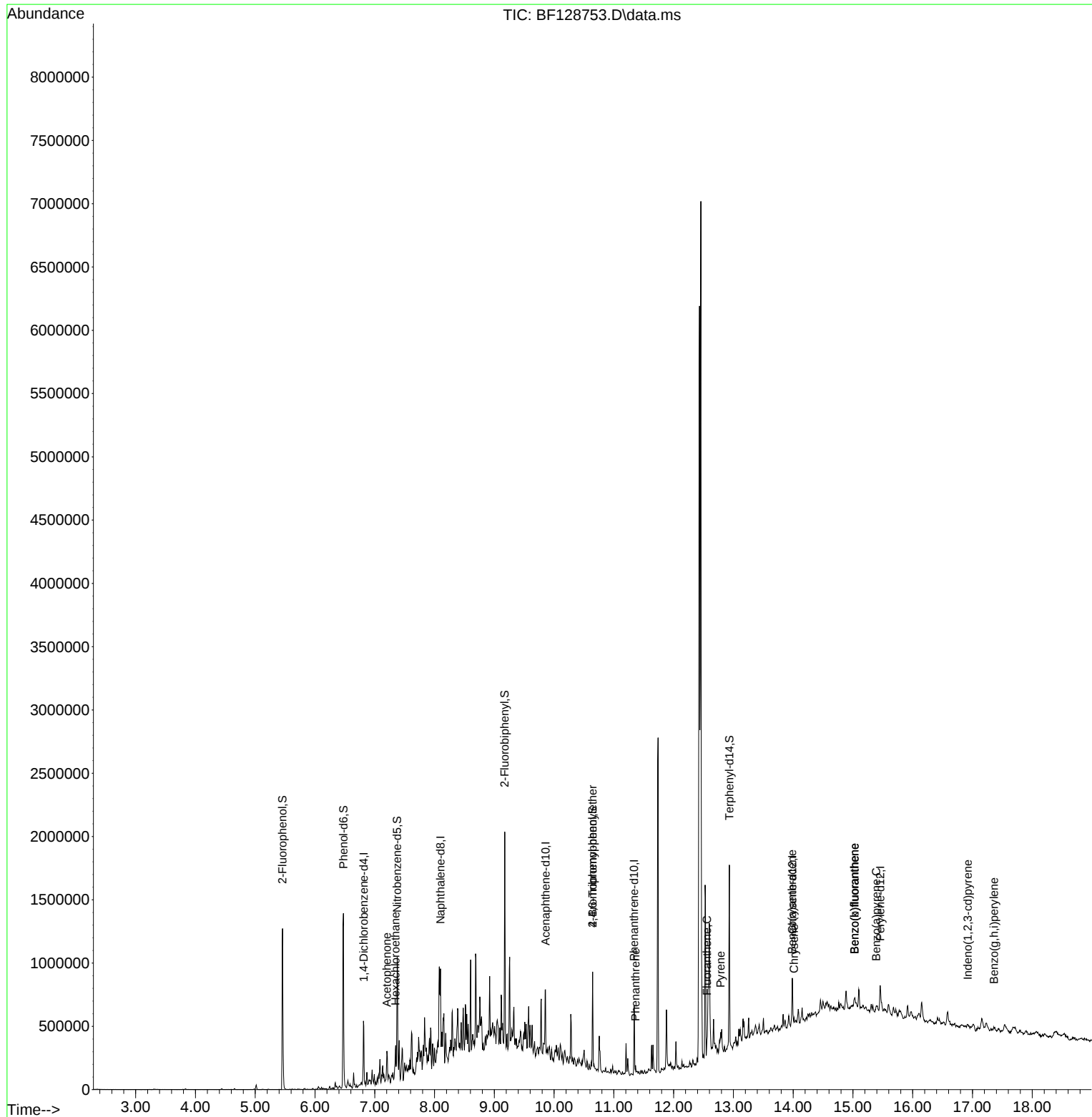
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	66439	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	222096	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	97941	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	179046	20.000	ng	0.00
76) Chrysene-d12	13.986	240	115447	20.000	ng	0.00
86) Perylene-d12	15.457	264	89498	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	332636	79.747	ng	0.00
7) Phenol-d6	6.475	99	403168	79.183	ng	0.00
23) Nitrobenzene-d5	7.375	82	270601	56.727	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	81902	70.775	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	438784	62.757	ng	0.00
79) Terphenyl-d14	12.933	244	442249	66.565	ng	0.00
Target Compounds						
18) Hexachloroethane	7.345	117	11857	6.395	ng	# 1
22) Acetophenone	7.204	105	27378	4.713	ng	# 61
67) 4-Bromophenyl-phenylether	10.645	248	5032	2.520	ng	# 1
71) Phenanthrene	11.363	178	20722	2.307	ng	97
75) Fluoranthene	12.557	202	54836	5.841	ng	97
78) Pyrene	12.786	202	59193	6.892	ng	97
81) Benzo(a)anthracene	13.980	228	25035	3.479	ng	# 86
83) Chrysene	14.015	228	25796	3.760	ng	# 82
87) Indeno(1,2,3-cd)pyrene	16.921	276	11397	2.113	ng	# 92
88) Benzo(b)fluoranthene	15.027	252	37441	6.547	ng	# 71
89) Benzo(k)fluoranthene	15.027	252	37441	6.960	ng	# 72
90) Benzo(a)pyrene	15.392	252	18954	4.217	ng	# 73
92) Benzo(g,h,i)perylene	17.362	276	15937	3.594	ng	# 81

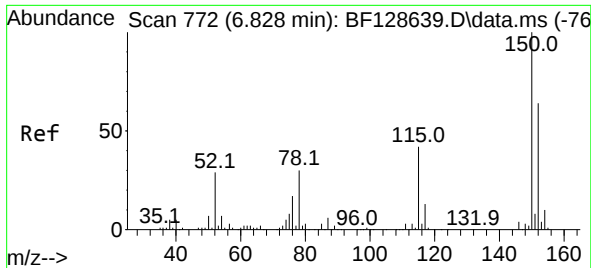
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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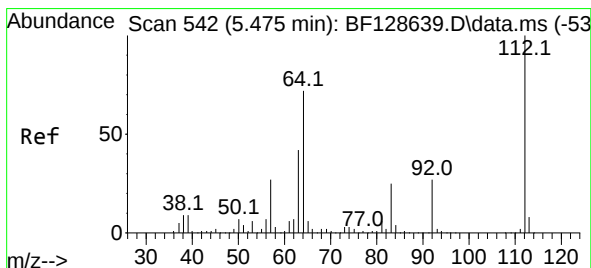
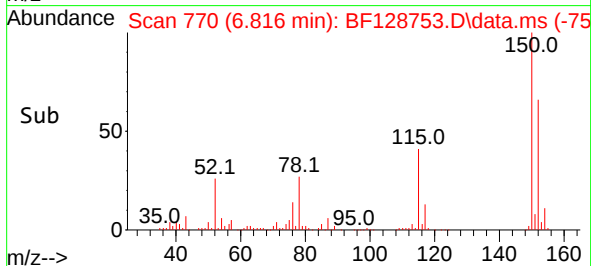
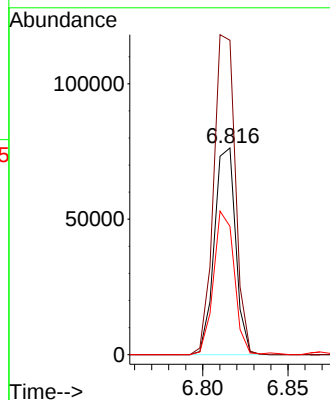
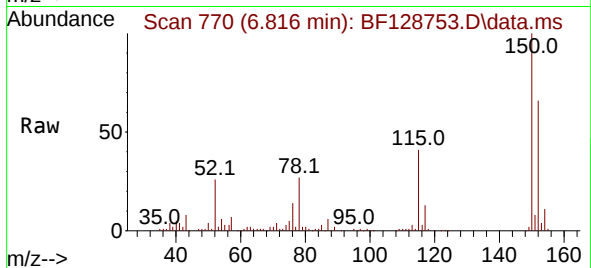




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

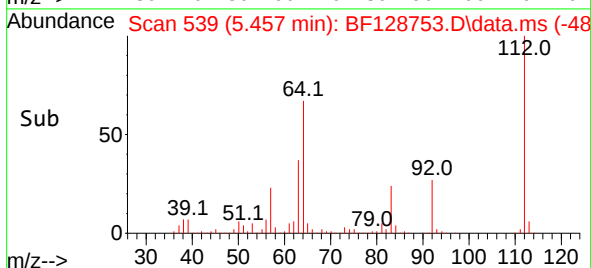
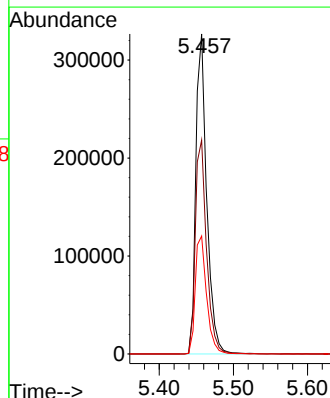
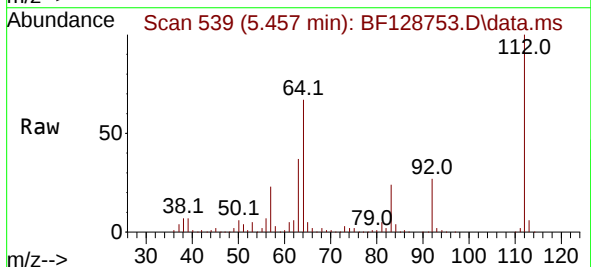
Instrument :
BNA_F
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OR-2-060822

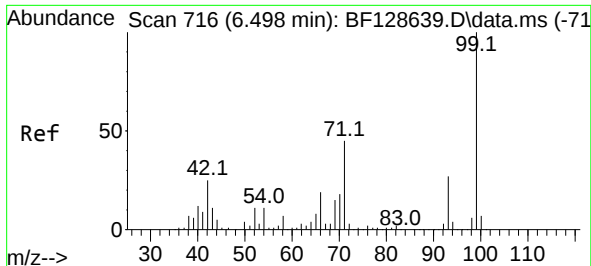
Tgt Ion:152 Resp: 66439
Ion Ratio Lower Upper
152 100
150 152.1 123.7 185.5
115 62.1 49.9 74.9



#5
2-Fluorophenol
Concen: 79.747 ng
RT: 5.457 min Scan# 539
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:112 Resp: 332636
Ion Ratio Lower Upper
112 100
64 66.8 53.3 79.9
63 36.8 28.0 42.0

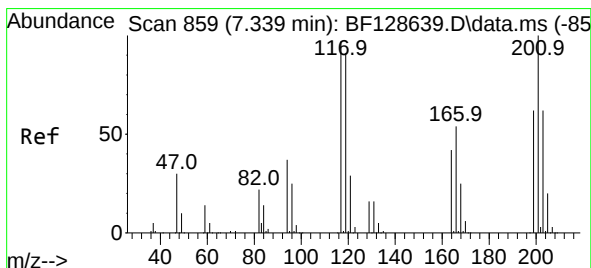
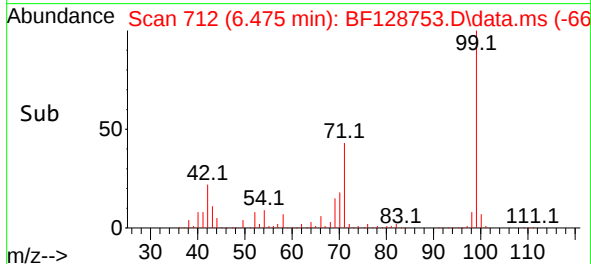
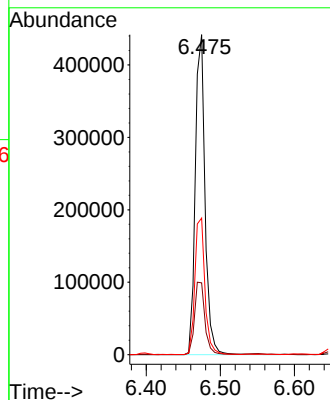
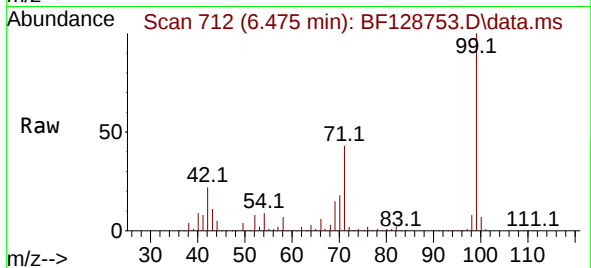




#7
Phenol-d6
Concen: 79.183 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

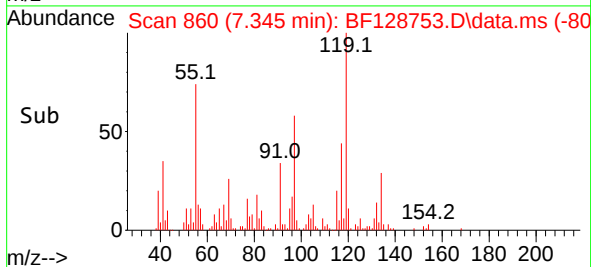
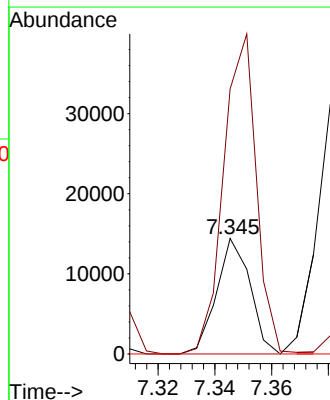
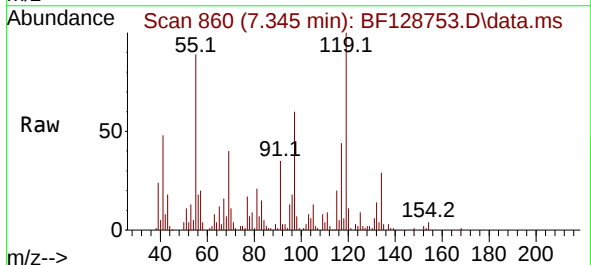
Instrument :
BNA_F
ClientSampleId :
OR-2-060822

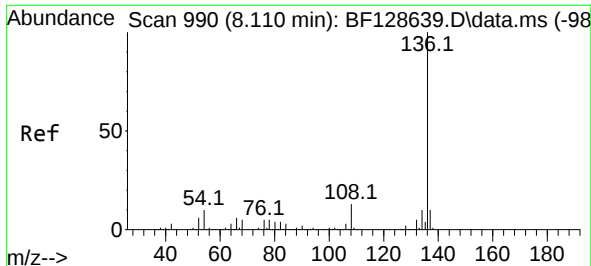
Tgt Ion: 99 Resp: 403168
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 42.7 28.9 43.3



#18
Hexachloroethane
Concen: 6.395 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.023 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion: 117 Resp: 11857
Ion Ratio Lower Upper
117 100
119 229.4 77.4 116.2#
201 0.0 84.6 127.0#

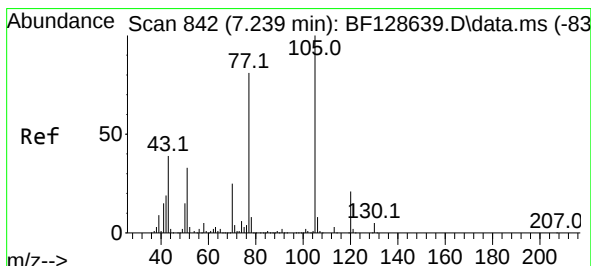
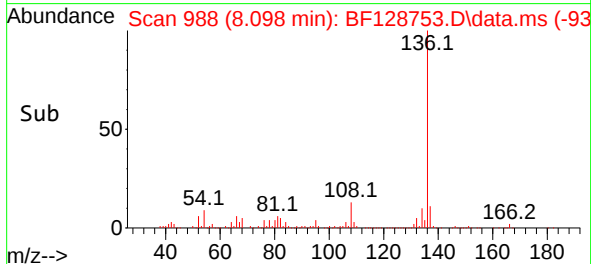
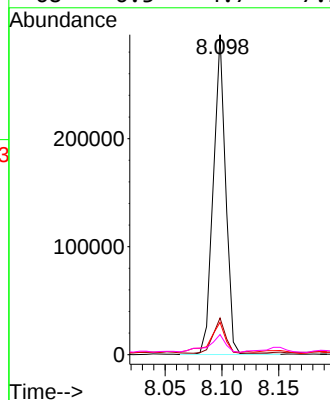
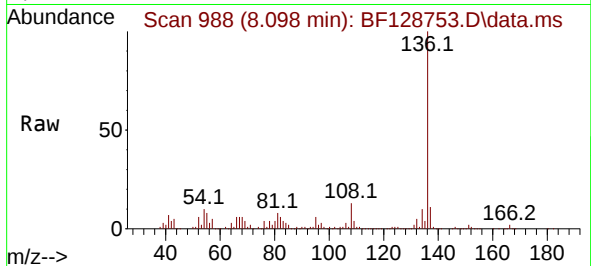




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

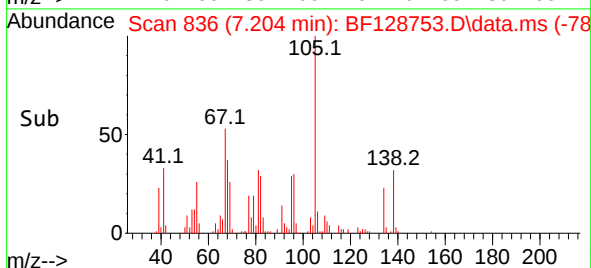
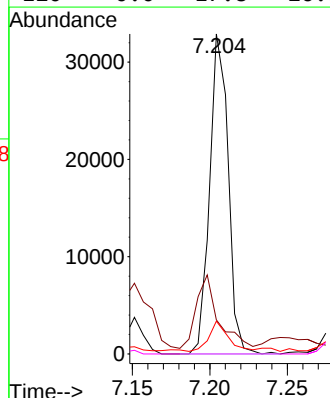
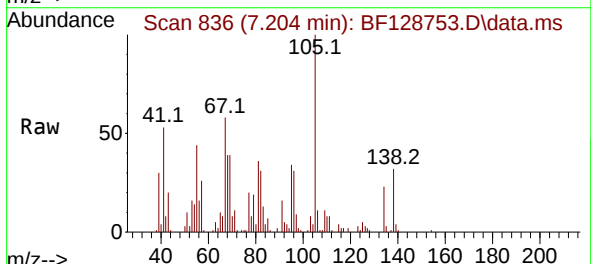
Instrument :
BNA_F
ClientSampleId :
OR-2-060822

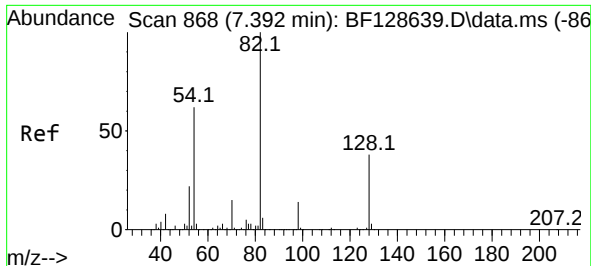
Tgt Ion:136 Resp: 222096
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.1 7.5 11.3
68 6.3 4.7 7.1



#22
Acetophenone
Concen: 4.713 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.024 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:105 Resp: 27378
Ion Ratio Lower Upper
105 100
71 10.7 5.0 7.4#
51 10.2 25.0 37.4#
120 0.0 17.8 26.8#





#23

Nitrobenzene-d5

Concen: 56.727 ng

RT: 7.375 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822

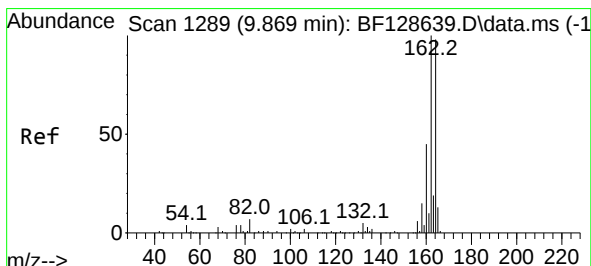
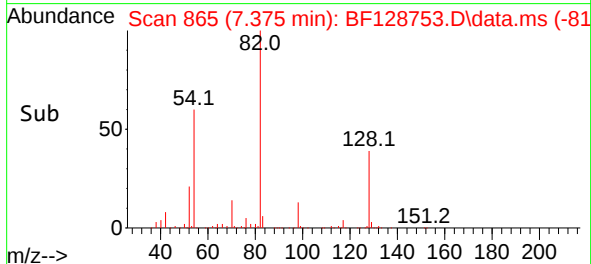
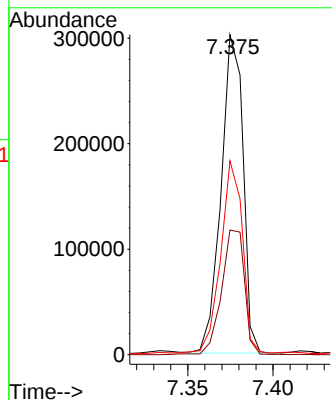
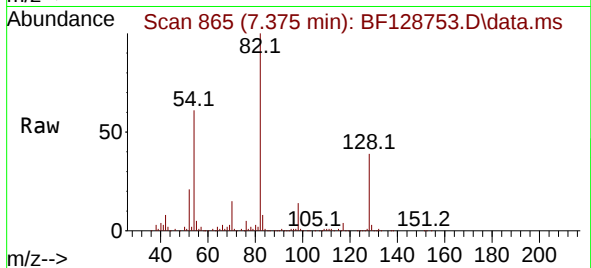
Tgt Ion: 82 Resp: 270601

Ion Ratio Lower Upper

82 100

128 38.9 34.0 51.0

54 60.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

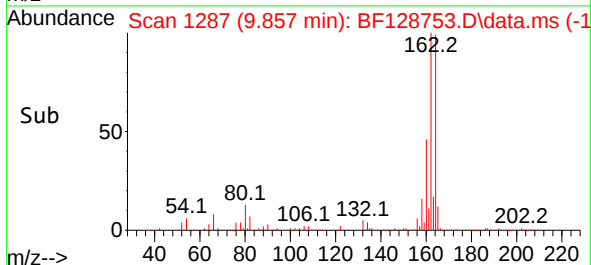
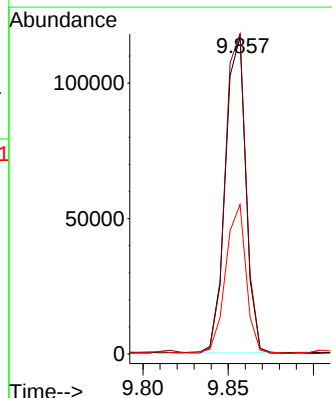
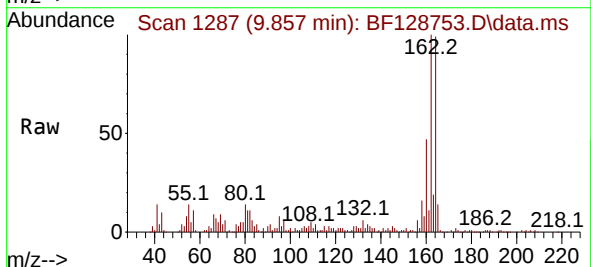
Tgt Ion: 164 Resp: 97941

Ion Ratio Lower Upper

164 100

162 100.9 79.5 119.3

160 47.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 70.775 ng

RT: 10.645 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128753.D

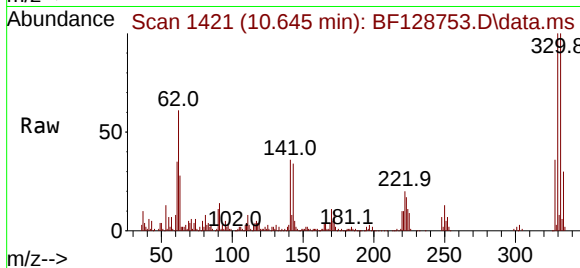
Acq: 09 Jun 2022 18:20

Instrument :

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ClientSampleId :

OR-2-060822



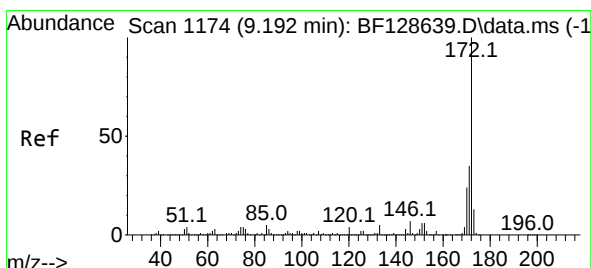
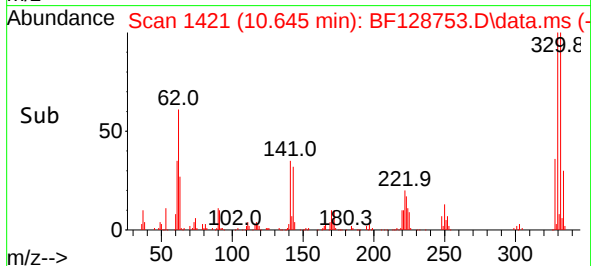
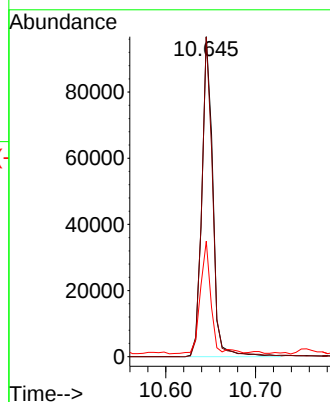
Tgt Ion:330 Resp: 81902

Ion Ratio Lower Upper

330 100

332 98.0 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 62.757 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

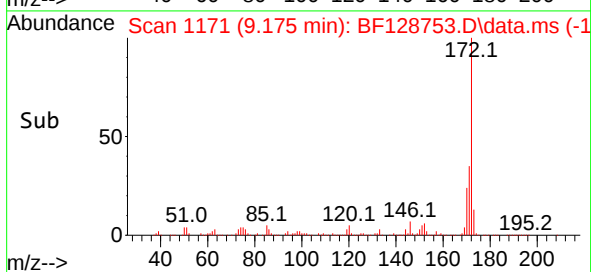
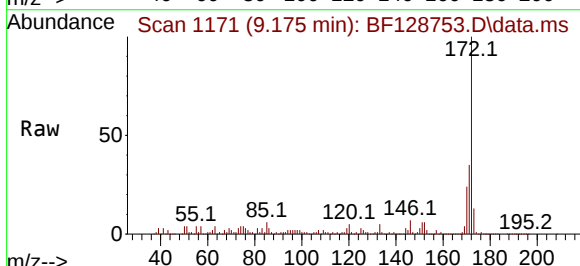
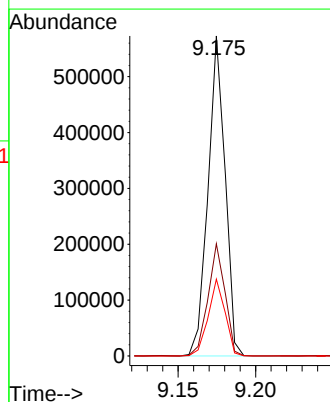
Tgt Ion:172 Resp: 438784

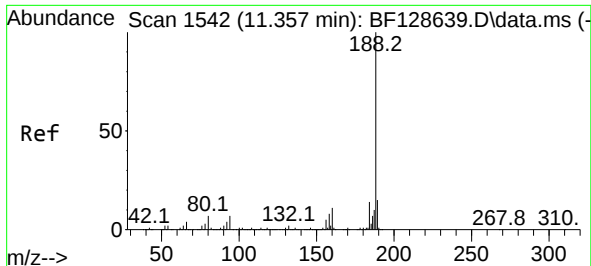
Ion Ratio Lower Upper

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171 35.0 28.8 43.2

170 24.0 19.8 29.8

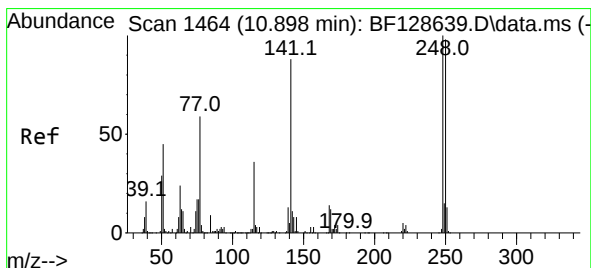
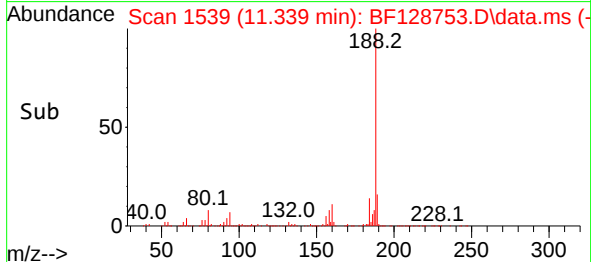
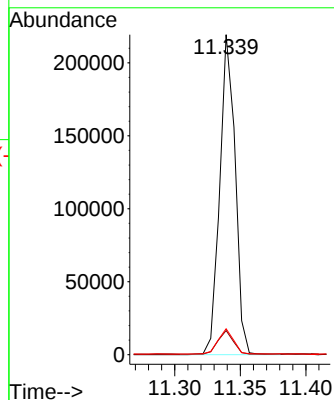
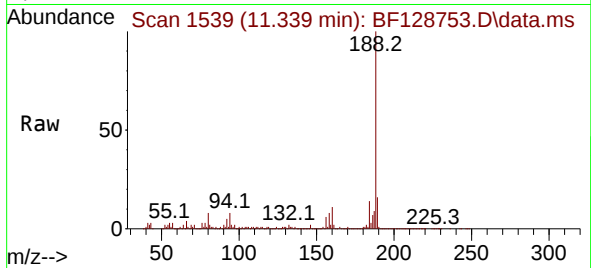




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

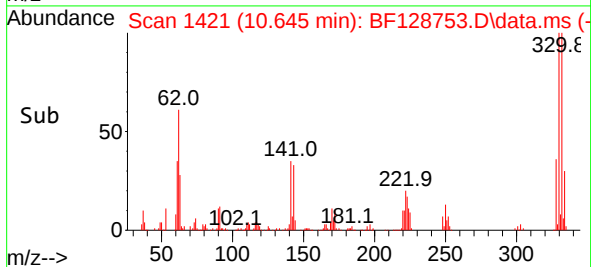
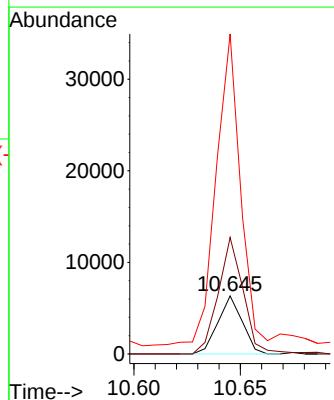
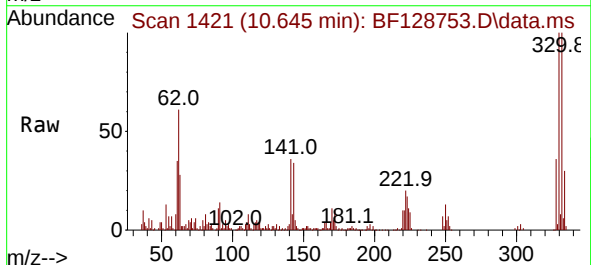
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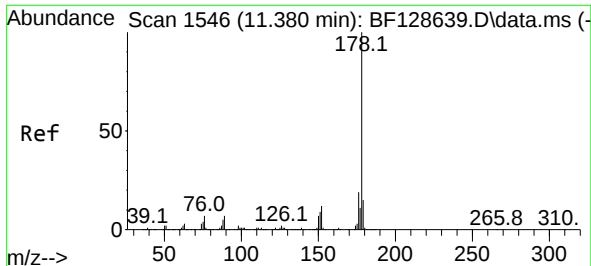
Tgt Ion:188 Resp: 179046
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 2.520 ng
RT: 10.645 min Scan# 1421
Delta R.T. -0.241 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:248 Resp: 5032
Ion Ratio Lower Upper
248 100
250 200.4 80.6 120.8#
141 550.8 58.9 88.3#

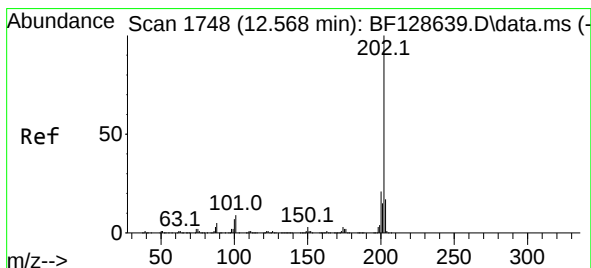
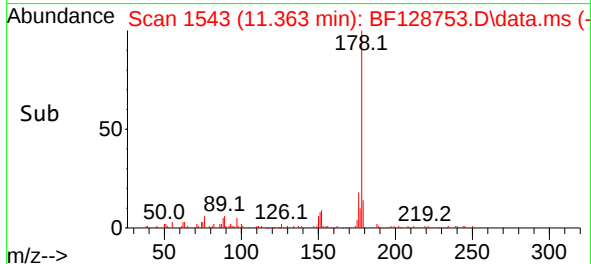
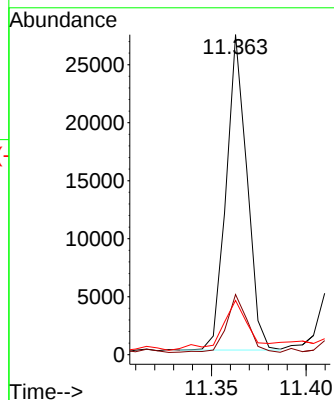
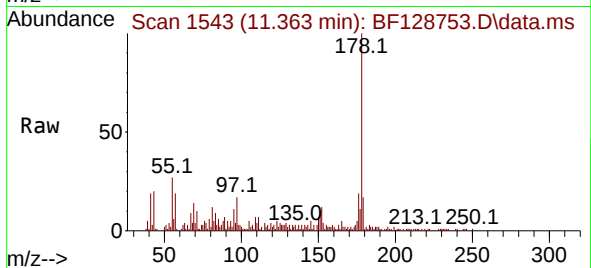




#71
Phenanthrene
Concen: 2.307 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

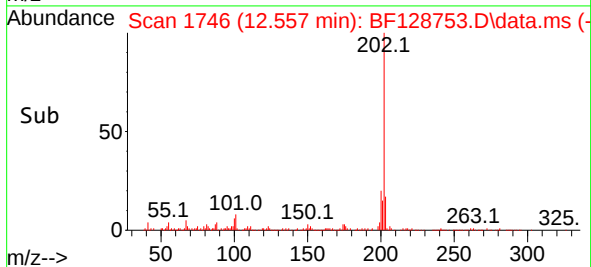
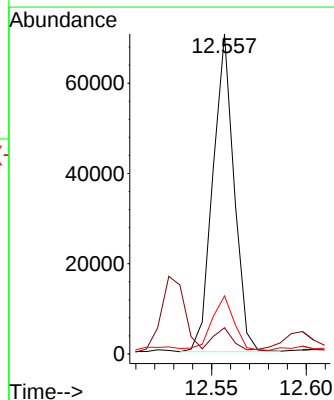
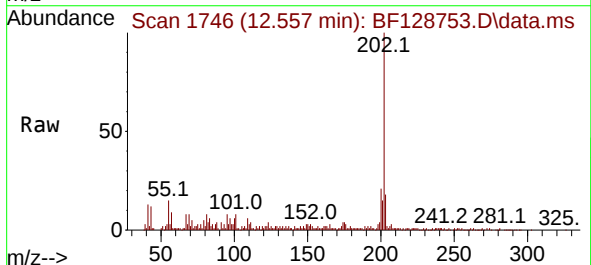
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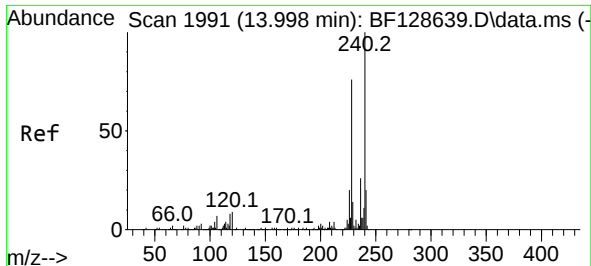
Tgt Ion:178 Resp: 20722
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.9 12.6 19.0



#75
Fluoranthene
Concen: 5.841 ng
RT: 12.557 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:202 Resp: 54836
Ion Ratio Lower Upper
202 100
101 8.2 0.0 31.4
203 18.1 0.0 38.0

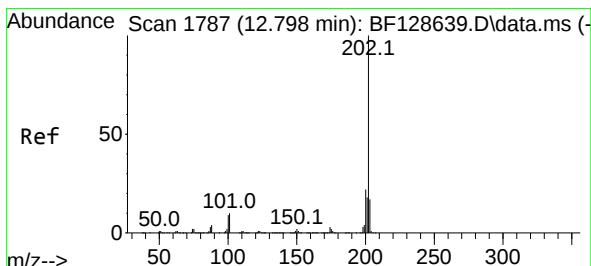
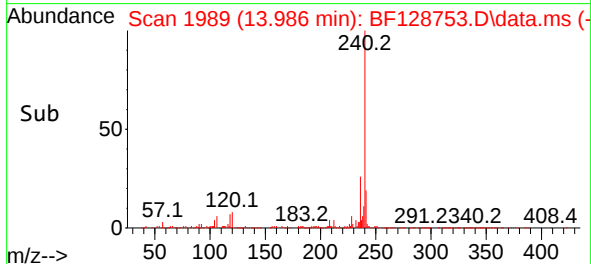
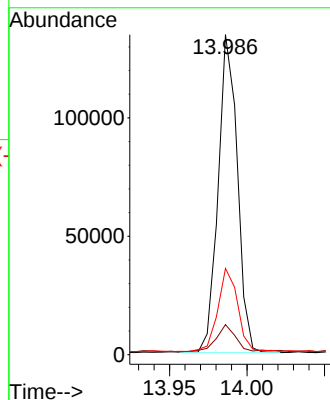
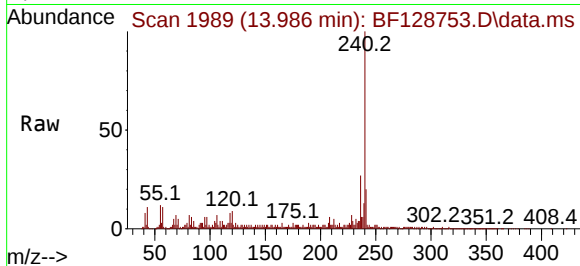




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

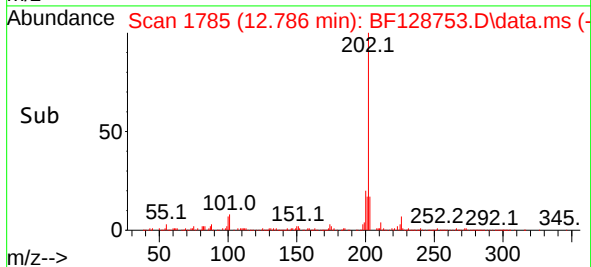
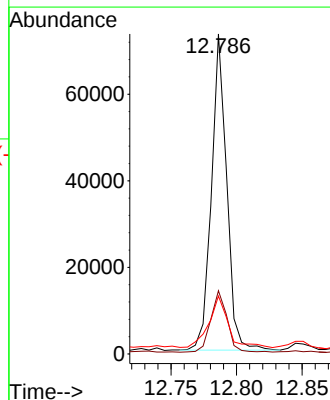
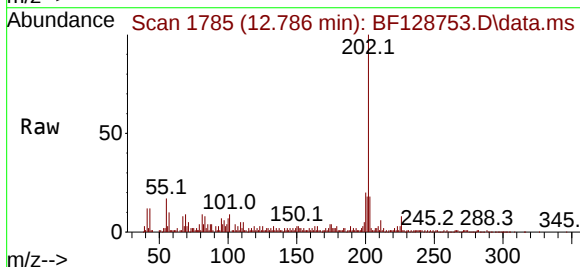
Instrument :
BNA_F
ClientSampleId :
OR-2-060822

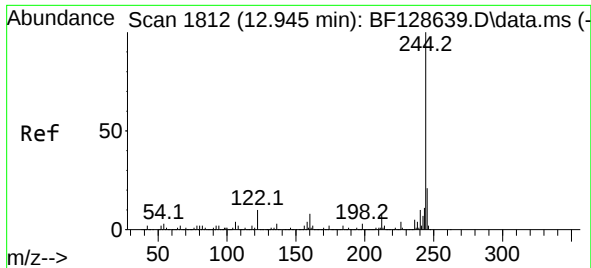
Tgt Ion:240 Resp: 115447
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 27.0 20.8 31.2



#78
Pyrene
Concen: 6.892 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:202 Resp: 59193
Ion Ratio Lower Upper
202 100
200 19.8 17.7 26.5
203 18.1 14.6 21.8

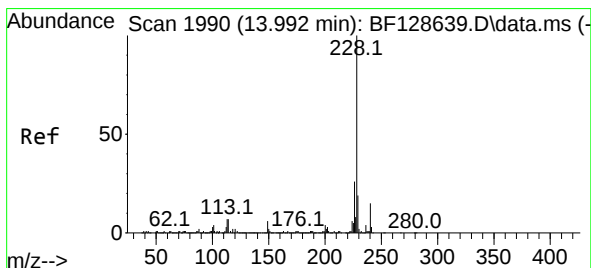
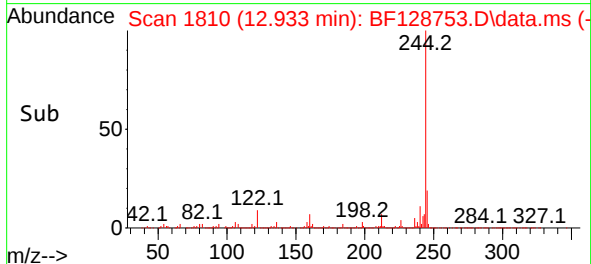
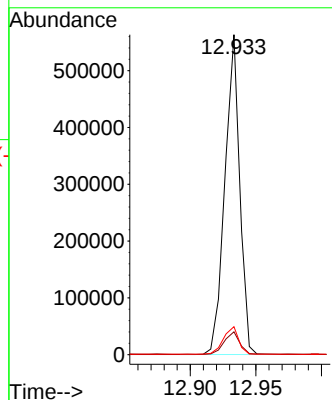
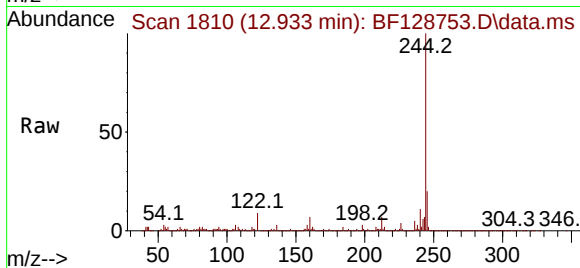




#79
 Terphenyl-d14
 Concen: 66.565 ng
 RT: 12.933 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: BF128753.D
 Acq: 09 Jun 2022 18:20

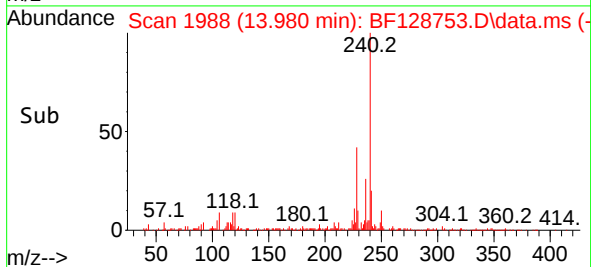
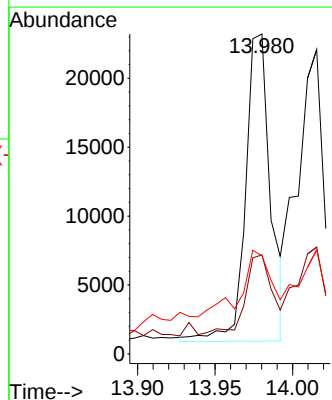
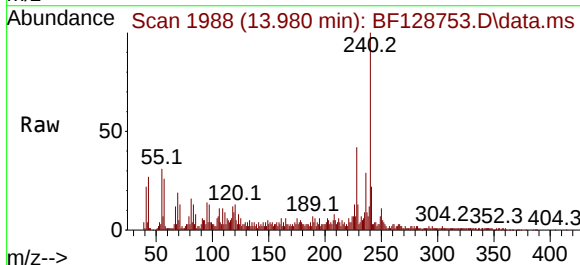
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822

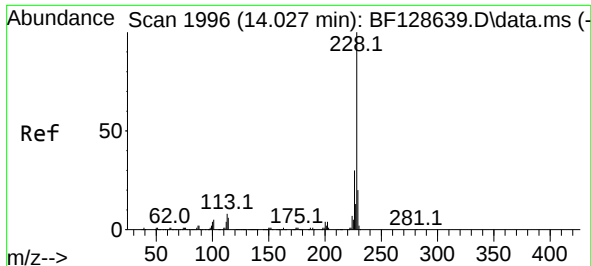
Tgt Ion:244 Resp: 442249
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.8 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 3.479 ng
 RT: 13.980 min Scan# 1988
 Delta R.T. 0.006 min
 Lab File: BF128753.D
 Acq: 09 Jun 2022 18:20

Tgt Ion:228 Resp: 25035
 Ion Ratio Lower Upper
 228 100
 226 30.9 22.1 33.1
 229 30.7 15.8 23.8#

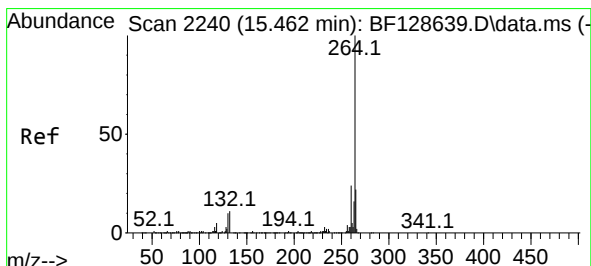
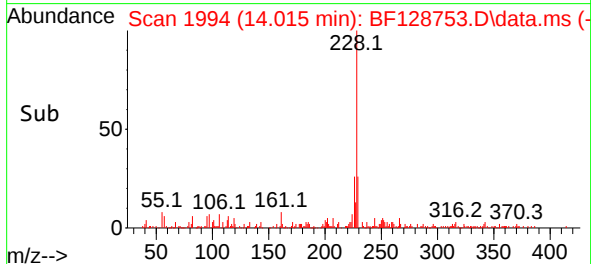
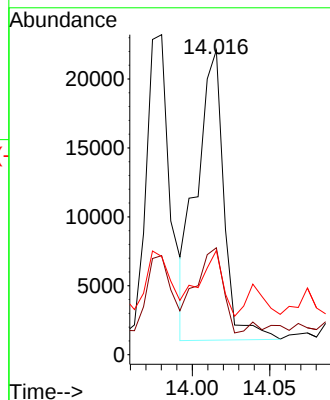
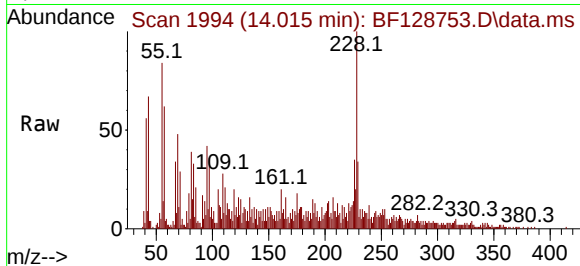




#83
Chrysene
Concen: 3.760 ng
RT: 14.015 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

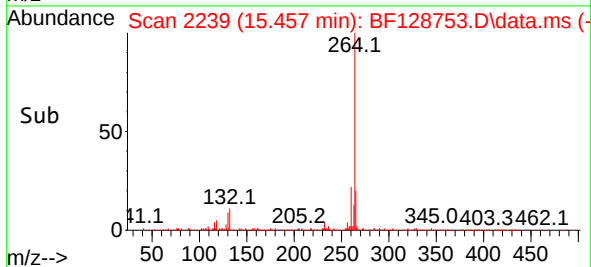
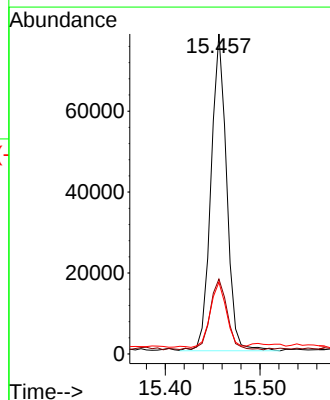
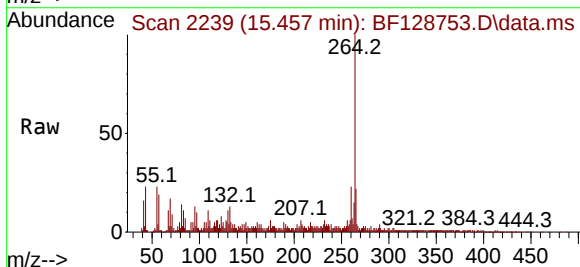
Instrument :
BNA_F
ClientSampleId :
OR-2-060822

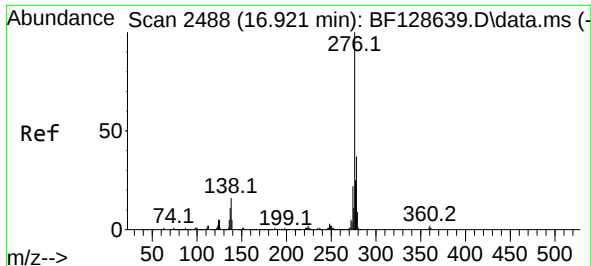
Tgt Ion:228 Resp: 25796
Ion Ratio Lower Upper
228 100
226 35.1 24.3 36.5
229 34.2 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2239
Delta R.T. 0.012 min
Lab File: BF128753.D
Acq: 09 Jun 2022 18:20

Tgt Ion:264 Resp: 89498
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 22.4 17.2 25.8

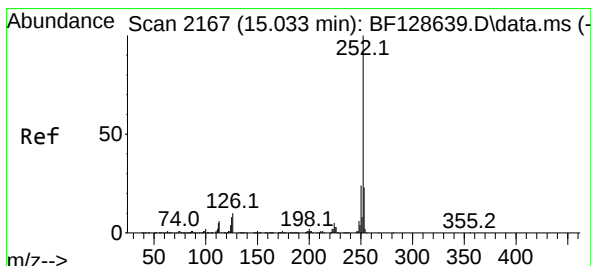
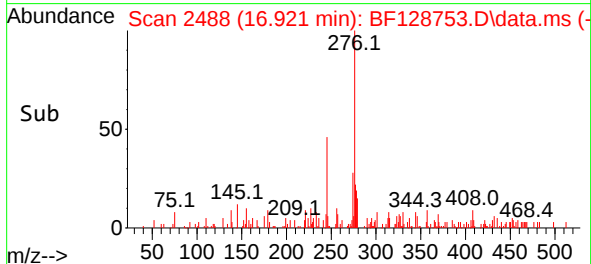
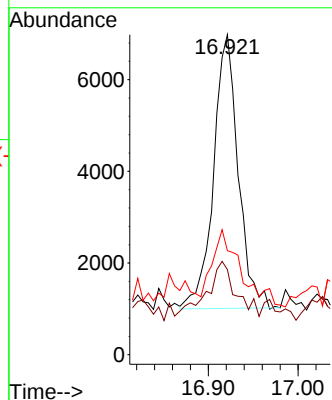
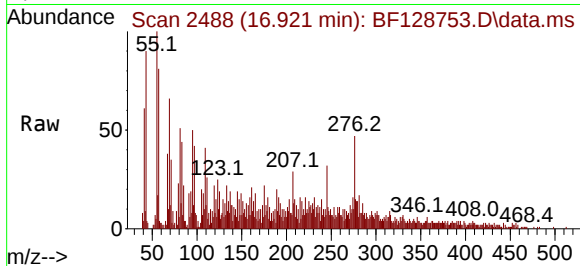




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.113 ng
 RT: 16.921 min Scan# 2488
 Delta R.T. 0.023 min
 Lab File: BF128753.D
 Acq: 09 Jun 2022 18:20

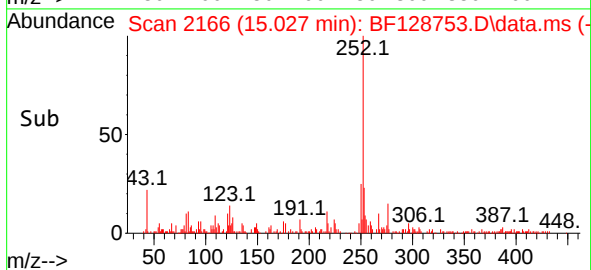
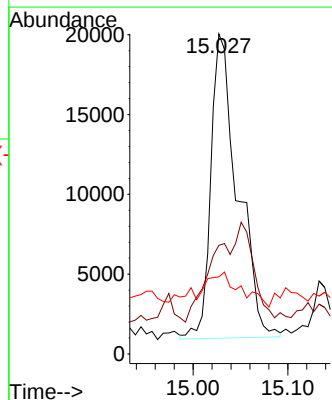
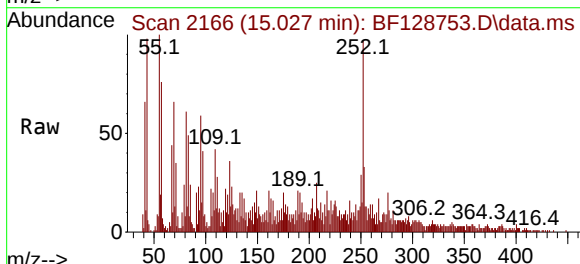
Instrument :
 BNA_F
 ClientSampleId :
 OR-2-060822

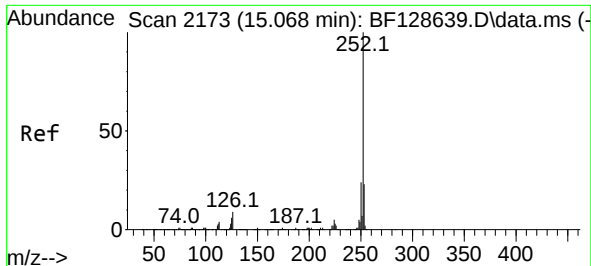
Tgt Ion: 276 Resp: 11397
 Ion Ratio Lower Upper
 276 100
 138 27.4 21.1 31.7
 277 32.9 20.3 30.5#



#88
 Benzo(b)fluoranthene
 Concen: 6.547 ng
 RT: 15.027 min Scan# 2166
 Delta R.T. 0.006 min
 Lab File: BF128753.D
 Acq: 09 Jun 2022 18:20

Tgt Ion: 252 Resp: 37441
 Ion Ratio Lower Upper
 252 100
 253 34.0 17.7 26.5#
 125 24.1 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 6.960 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822

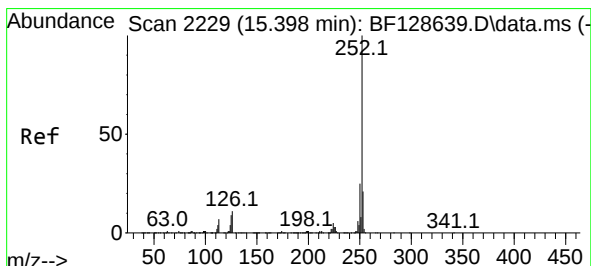
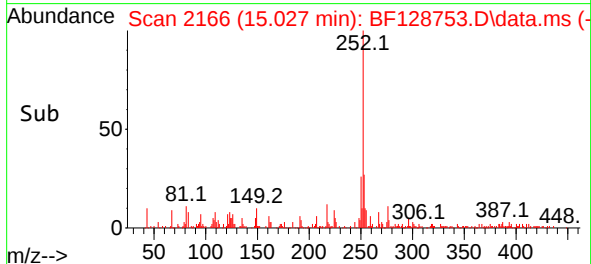
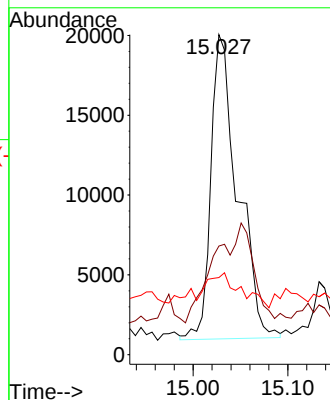
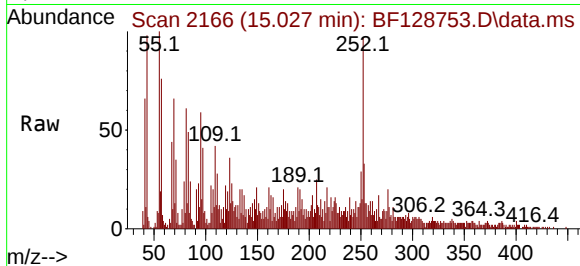
Tgt Ion:252 Resp: 37441

Ion Ratio Lower Upper

252 100

253 34.0 17.8 26.6#

125 24.1 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 4.217 ng

RT: 15.392 min Scan# 2228

Delta R.T. 0.006 min

Lab File: BF128753.D

Acq: 09 Jun 2022 18:20

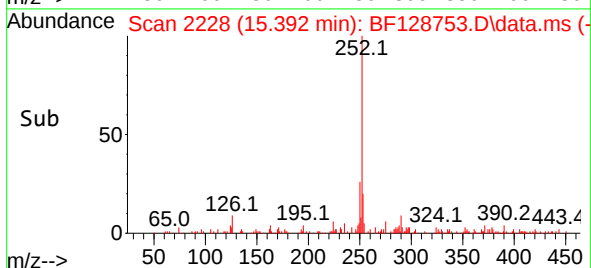
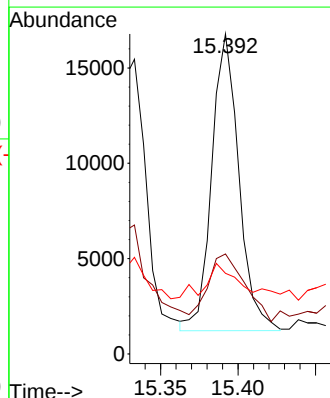
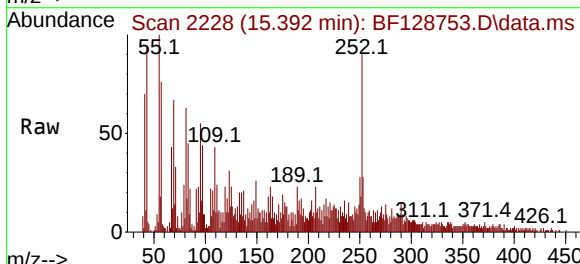
Tgt Ion:252 Resp: 18954

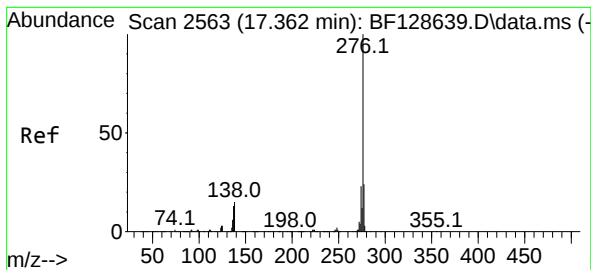
Ion Ratio Lower Upper

252 100

253 31.3 17.0 25.6#

125 25.2 8.8 13.2#





#92

Benzo(g,h,i)perylene

Concen: 3.594 ng

RT: 17.362 min Scan# 21

Delta R.T. 0.023 min

Lab File: BF128753.D

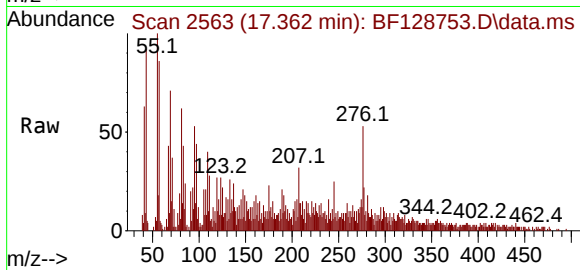
Acq: 09 Jun 2022 18:20

Instrument :

BNA_F

ClientSampleId :

OR-2-060822



Tgt Ion:276 Resp: 15937

Ion Ratio Lower Upper

276 100

277 41.6 19.1 28.7#

138 22.7 18.0 27.0

