

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123678.D
 Acq On : 21 Apr 2021 21:12
 Operator : JU/CG
 Sample : M2094-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-3-041921

Quant Time: Apr 22 00:56:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

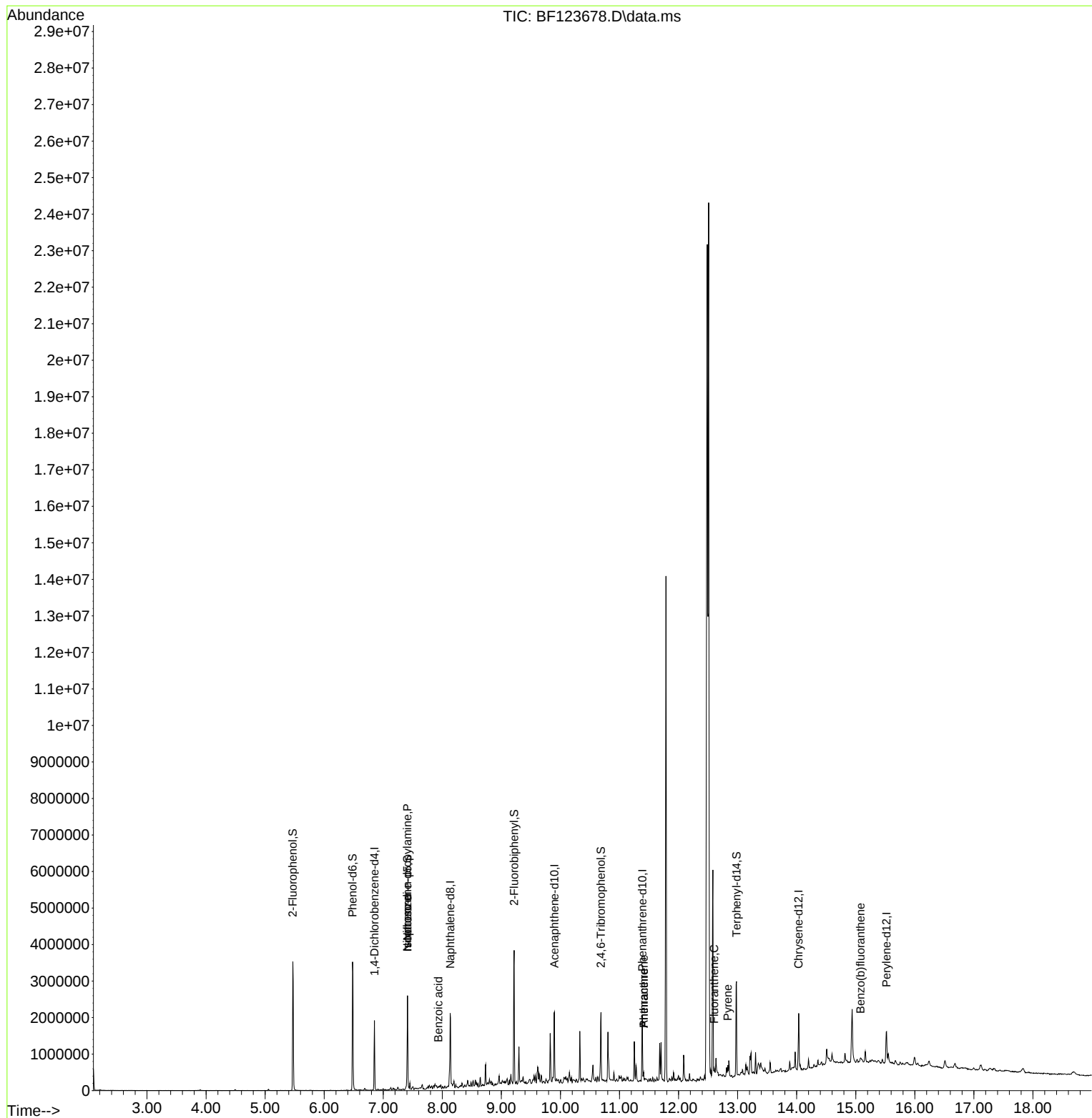
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	221933	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	834989	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	378065	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	602553	20.00	ng	0.00
76) Chrysene-d12	14.033	240	505234	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	448336	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	804648	58.60	ng	0.00
7) Phenol-d6	6.481	99	1036480	54.47	ng	-0.01
23) Nitrobenzene-d5	7.410	82	701342	38.61	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	209680	48.98	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1059047	41.76	ng	0.00
79) Terphenyl-d14	12.980	244	869810	33.46	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	98395	7.81	ng	# 76
25) Isophorone	7.410	82	696181	19.76	ng	# 69
32) Benzoic acid	7.933	122	460	4.60	ng	# 64
71) Phenanthrene	11.410	178	80911	2.57	ng	99
72) Anthracene	11.410	178	80911	2.57	ng	99
75) Fluoranthene	12.604	202	84251	2.44	ng	98
78) Pyrene	12.833	202	120817	3.28	ng	97
88) Benzo(b)fluoranthene	15.080	252	72790	2.30	ng	# 80

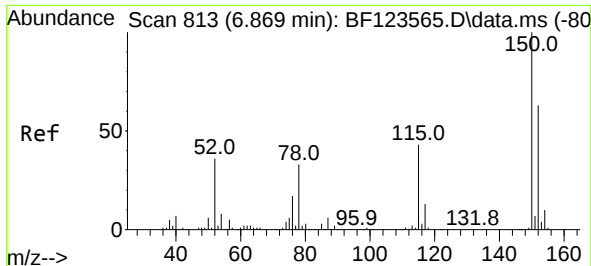
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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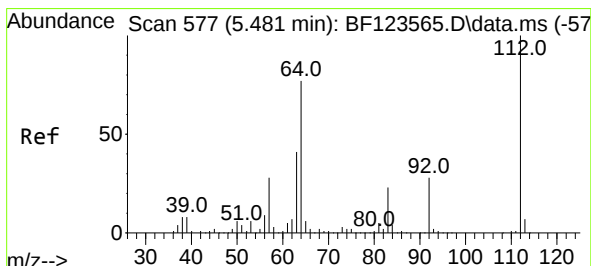
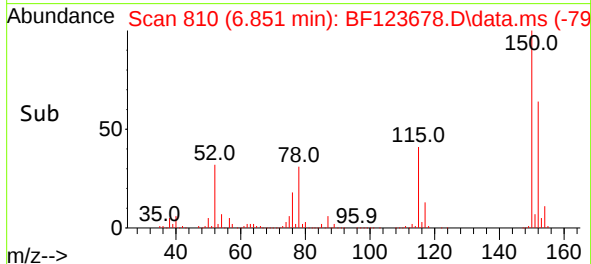
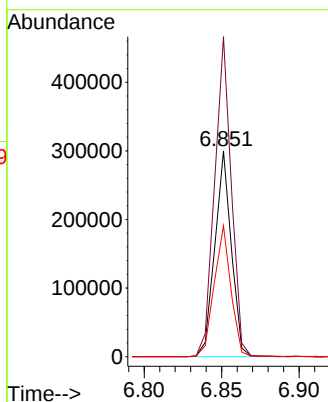
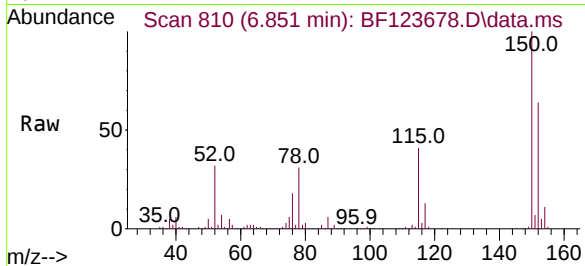




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

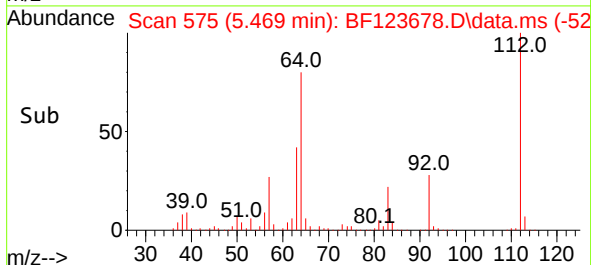
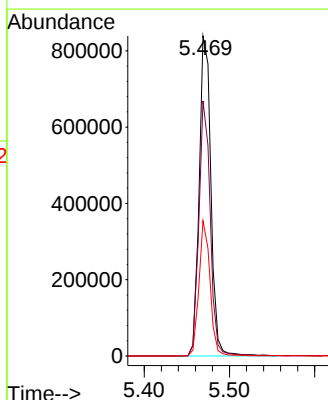
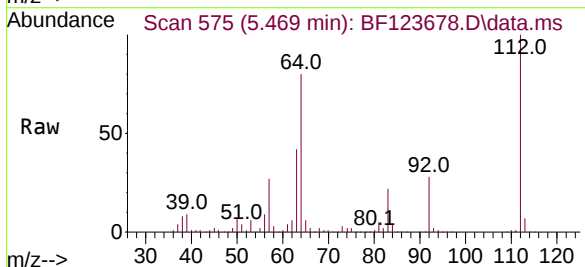
Instrument :
BNA_F
ClientSampleId :
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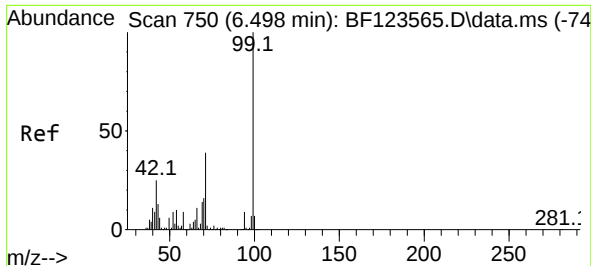
Tgt Ion:152 Resp: 221933
Ion Ratio Lower Upper
152 100
150 155.5 127.0 190.6
115 63.6 54.3 81.5



#5
2-Fluorophenol
Concen: 58.60 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:112 Resp: 804648
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 42.2 33.0 49.4

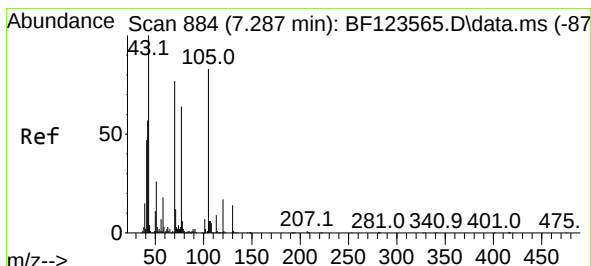
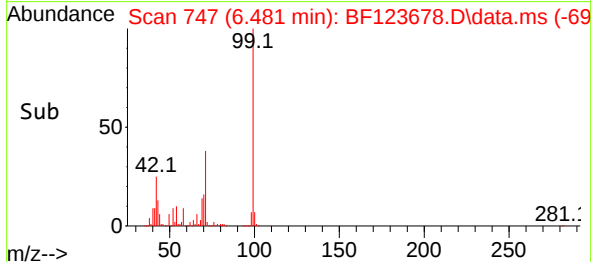
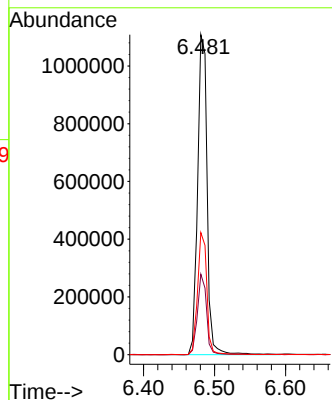
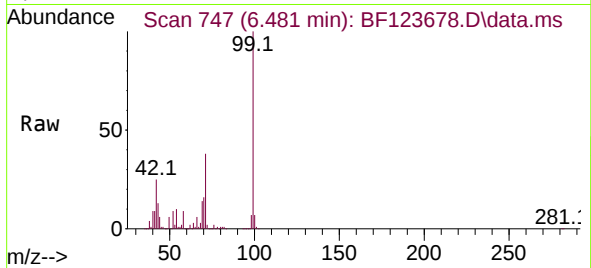




#7
Phenol-d6
Concen: 54.47 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

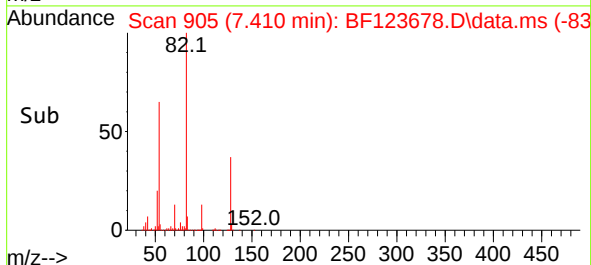
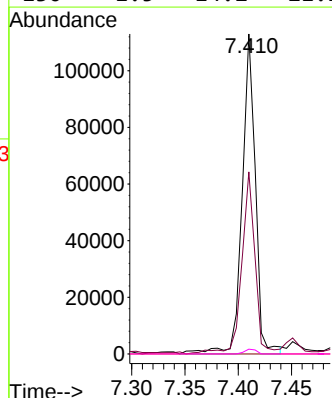
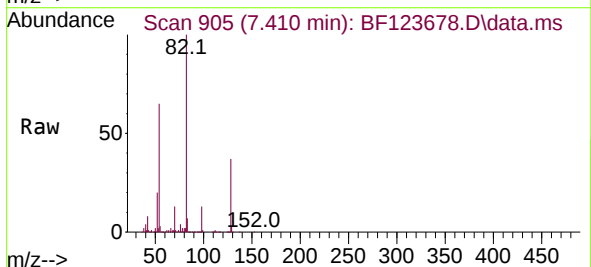
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

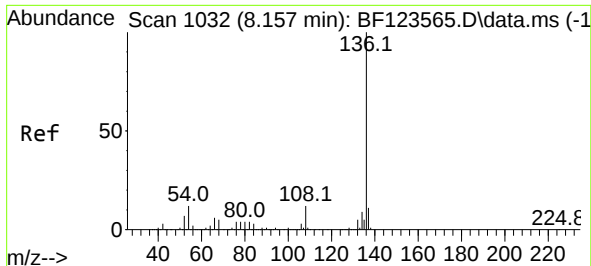
Tgt Ion: 99 Resp: 1036480
Ion Ratio Lower Upper
99 100
42 25.2 19.8 29.8
71 38.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.81 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion: 70 Resp: 98395
Ion Ratio Lower Upper
70 100
42 56.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

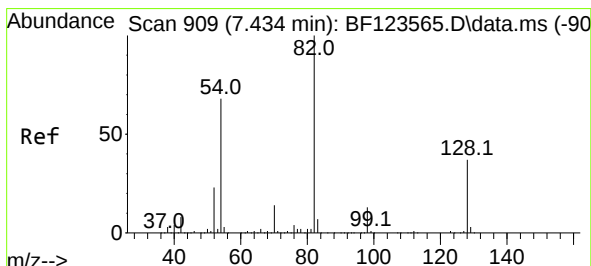
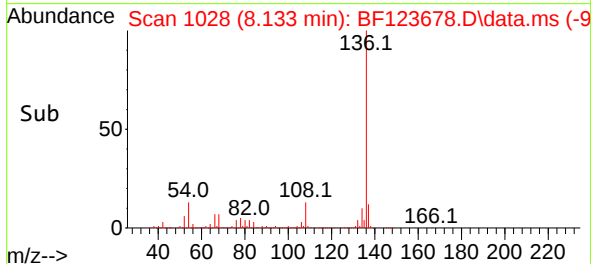
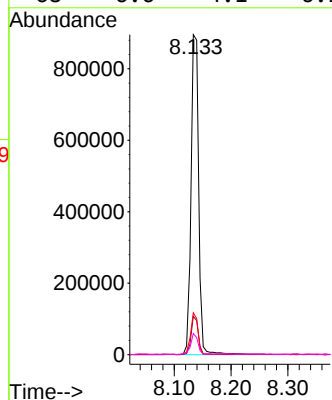
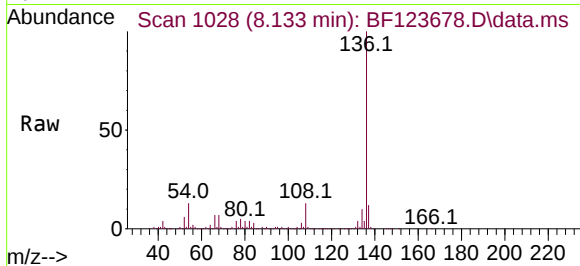




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

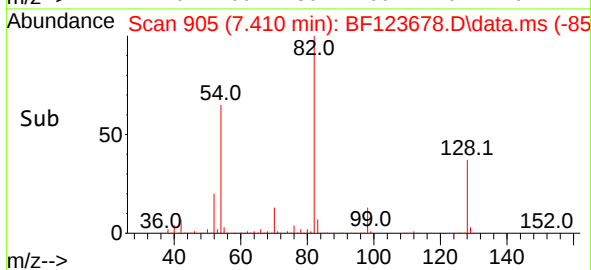
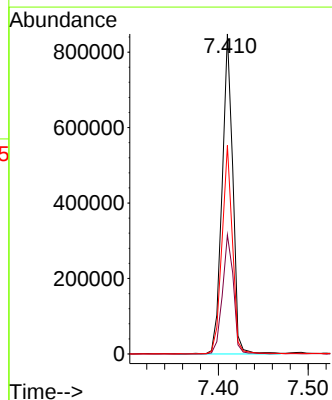
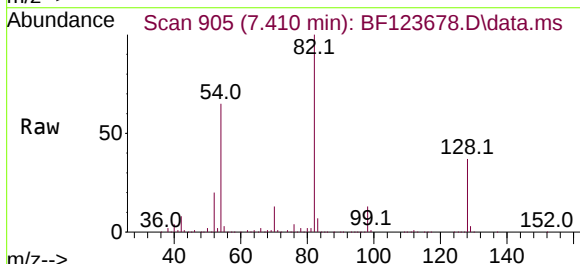
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

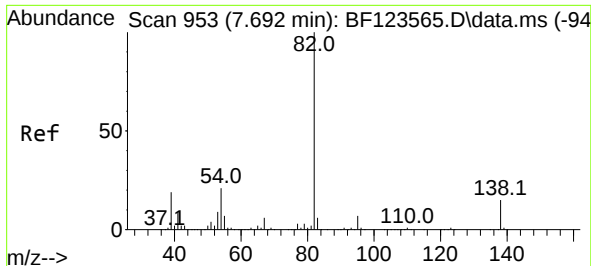
Tgt Ion:	136	Resp:	834989
Ion Ratio	Lower	Upper	
136	100		
137	12.0	8.7	13.1
54	13.1	9.8	14.6
68	6.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 38.61 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:	82	Resp:	701342
Ion Ratio	Lower	Upper	
82	100		
128	37.2	29.4	44.2
54	65.1	54.1	81.1

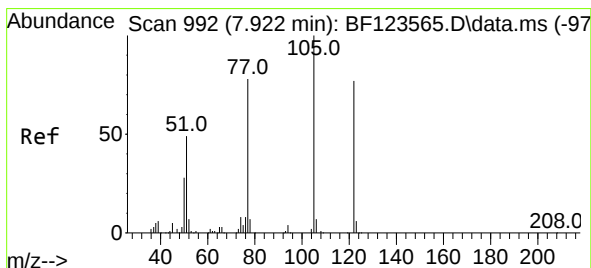
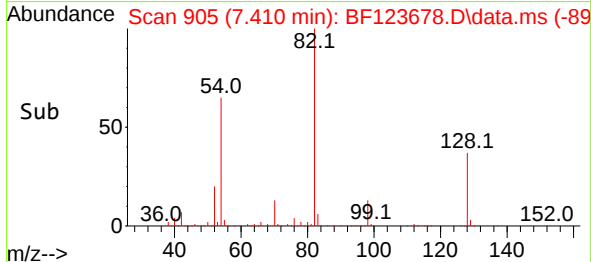
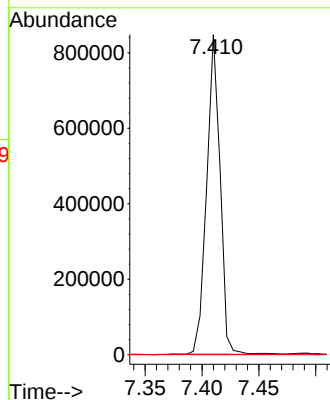
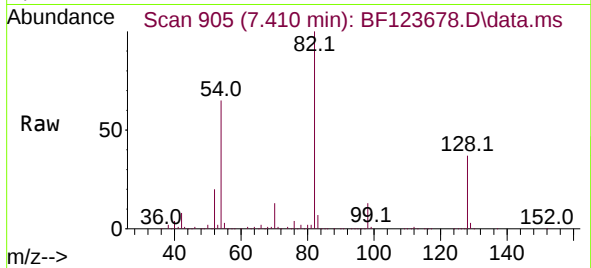




#25
Isophorone
Concen: 19.76 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

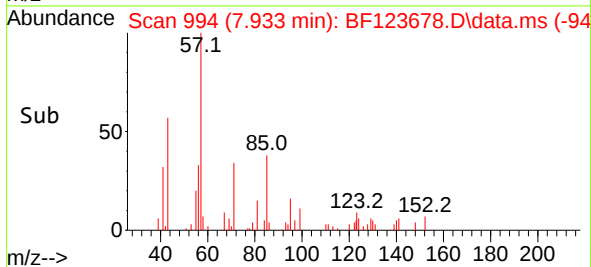
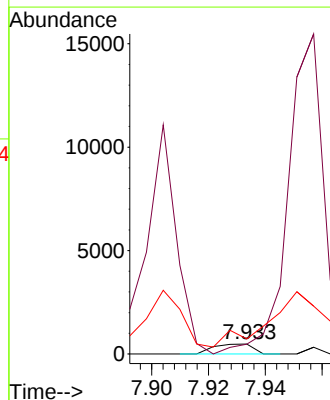
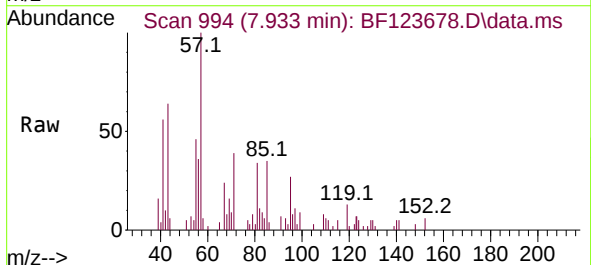
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

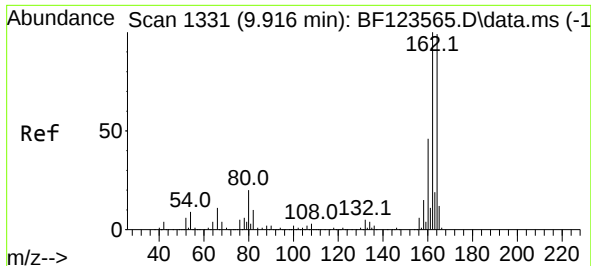
Tgt Ion: 82 Resp: 696181
Ion Ratio Lower Upper
82 100
95 0.2 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.60 ng
RT: 7.933 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:122 Resp: 460
Ion Ratio Lower Upper
122 100
105 97.7 107.8 147.8#
77 150.3 81.6 121.6#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.000 min

Lab File: BF123678.D

Acq: 21 Apr 2021 21:12

Tgt Ion:164 Resp: 378065

Ion Ratio Lower Upper

164 100

162 101.4 80.7 121.1

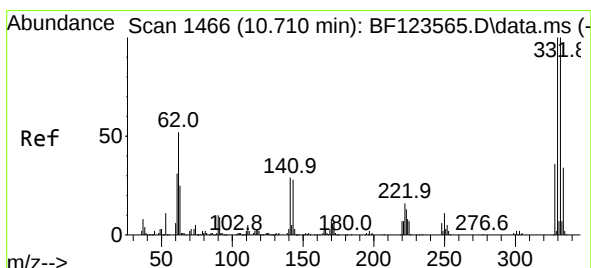
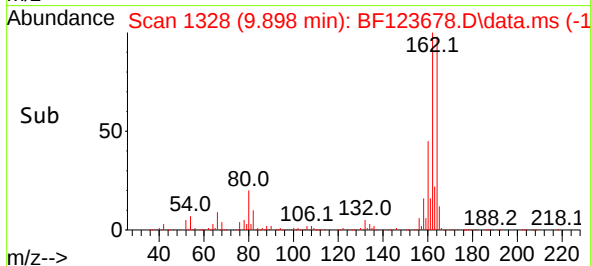
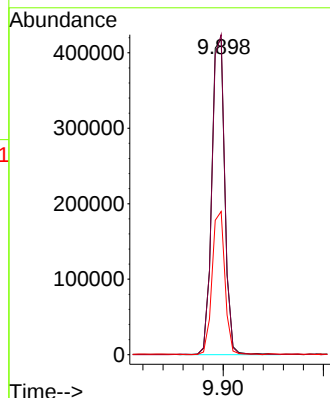
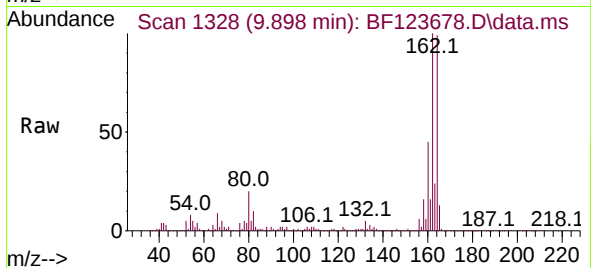
160 45.4 37.3 55.9

Instrument :

BNA_F

ClientSampleId :

OR-3-041921



#42

2,4,6-Tribromophenol

Concen: 48.98 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.000 min

Lab File: BF123678.D

Acq: 21 Apr 2021 21:12

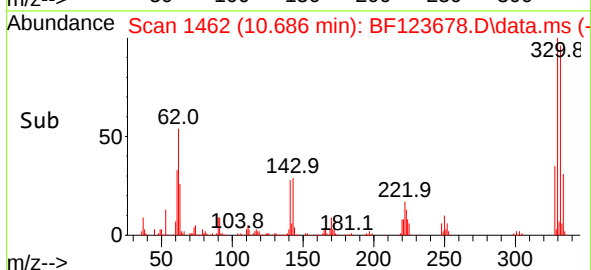
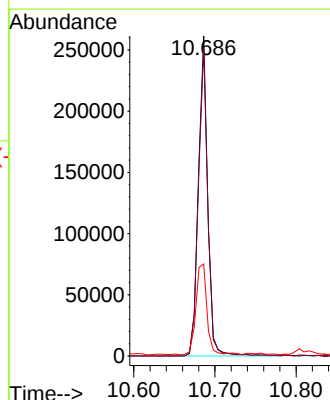
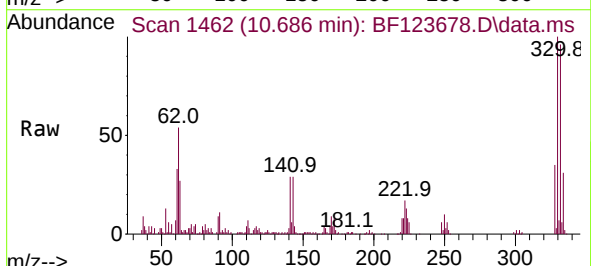
Tgt Ion:330 Resp: 209680

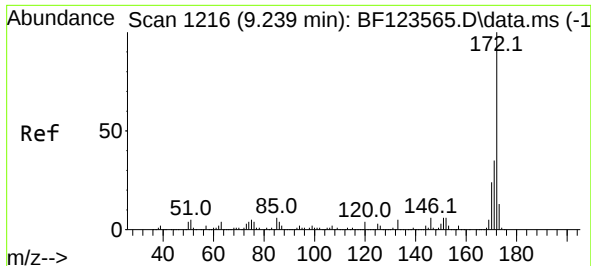
Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 32.9 27.9 41.9

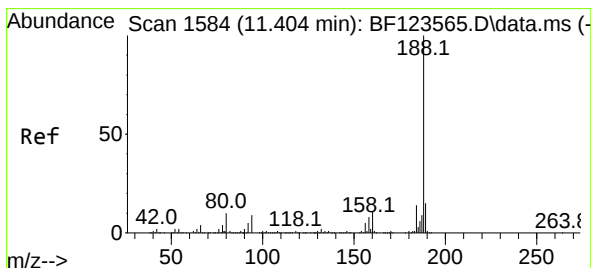
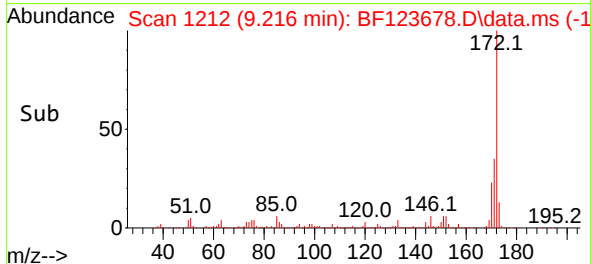
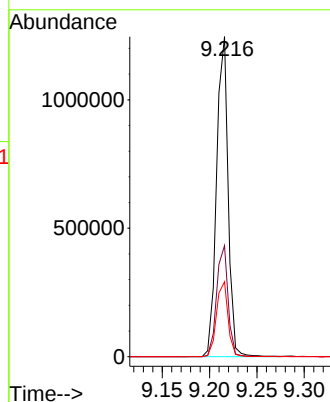
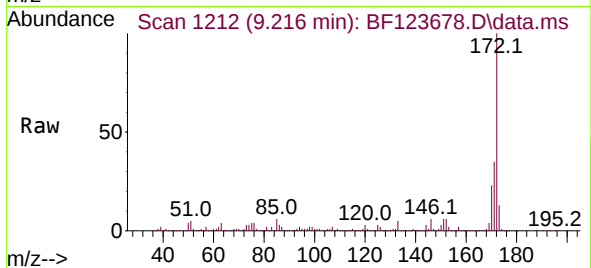




#45
2-Fluorobiphenyl
Concen: 41.76 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

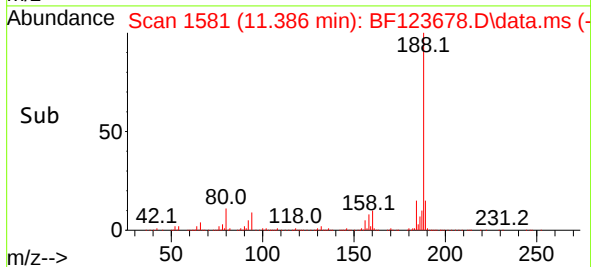
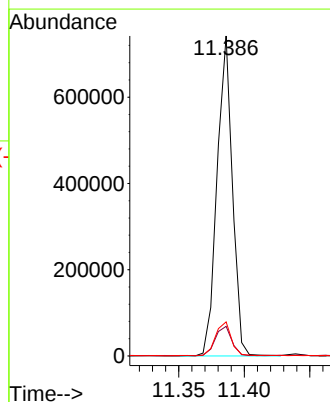
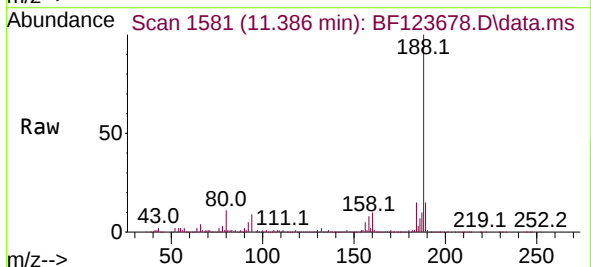
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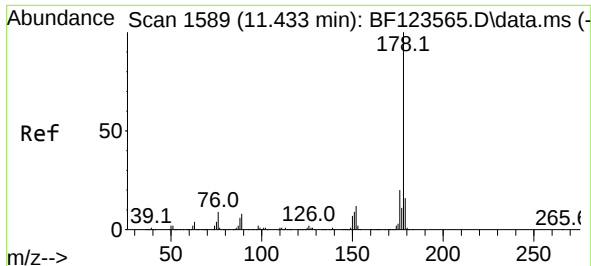
Tgt Ion:172 Resp: 1059047
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 19.2 28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:188 Resp: 602553
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 10.6 8.2 12.2

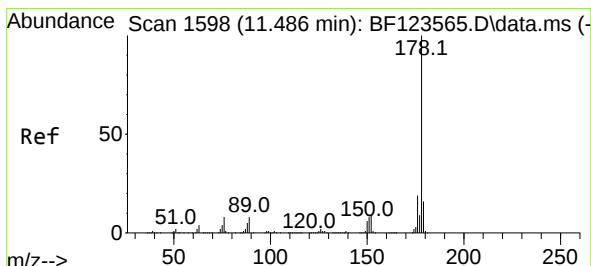
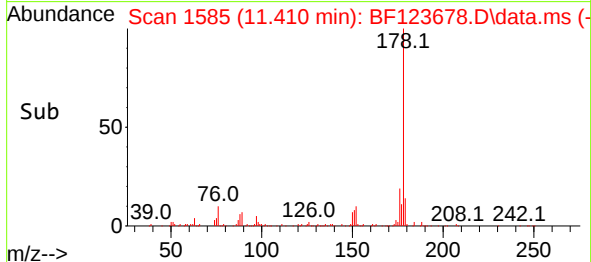
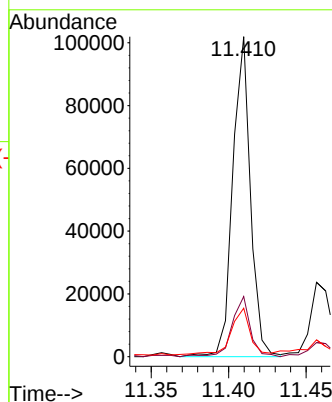
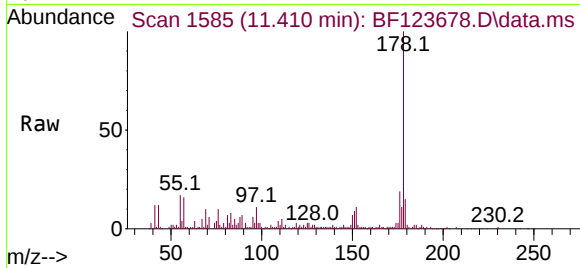




#71
Phenanthrene
Concen: 2.57 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

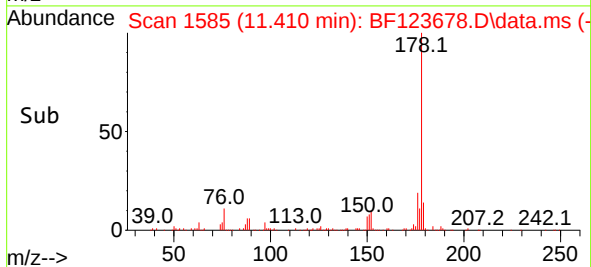
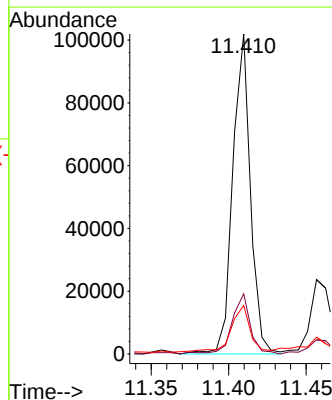
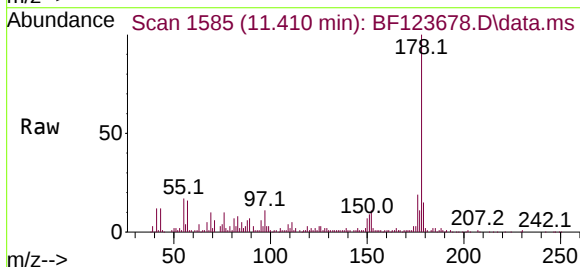
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

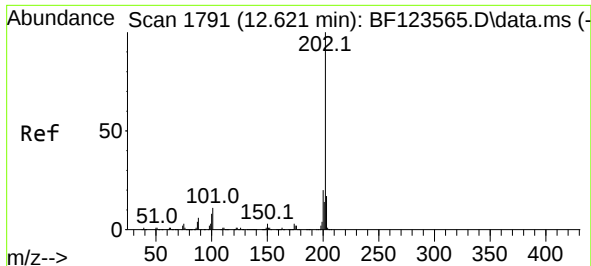
Tgt Ion:178 Resp: 80911
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.1 12.5 18.7



#72
Anthracene
Concen: 2.57 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.053 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:178 Resp: 80911
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.6 18.8

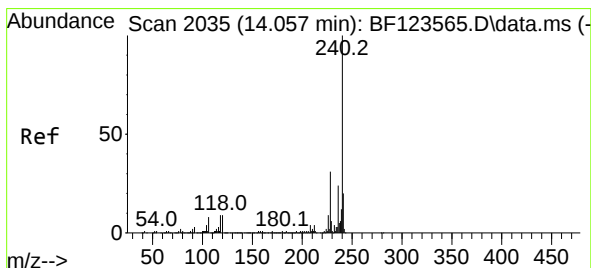
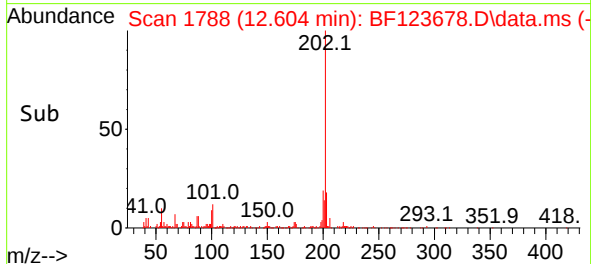
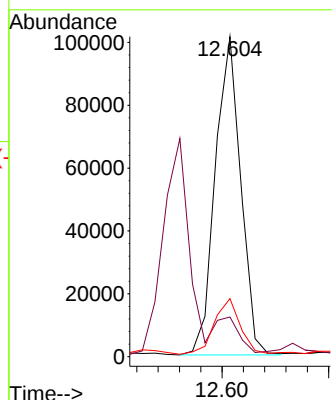
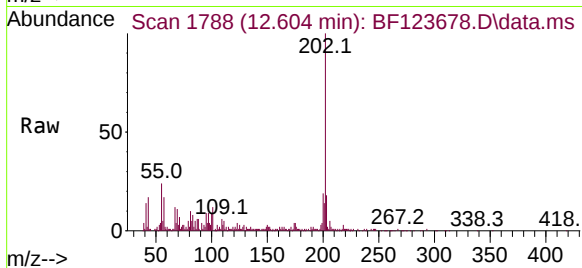




#75
Fluoranthene
Concen: 2.44 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

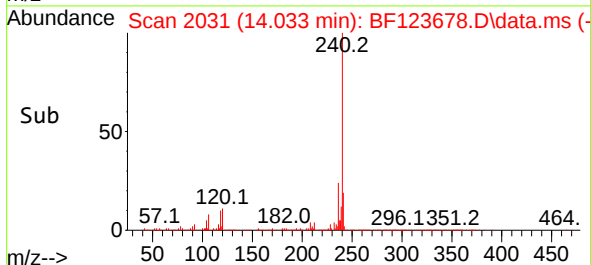
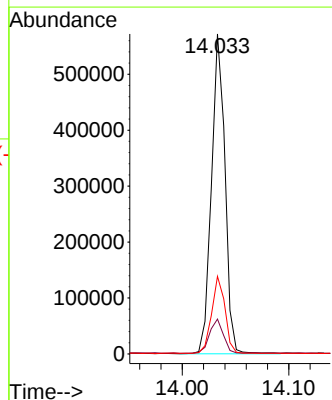
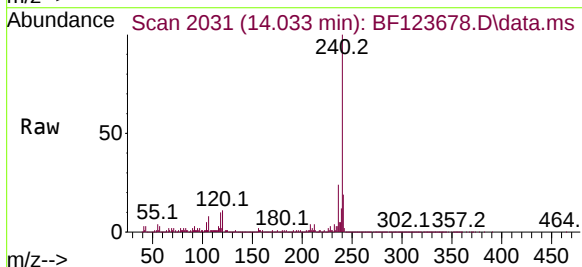
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

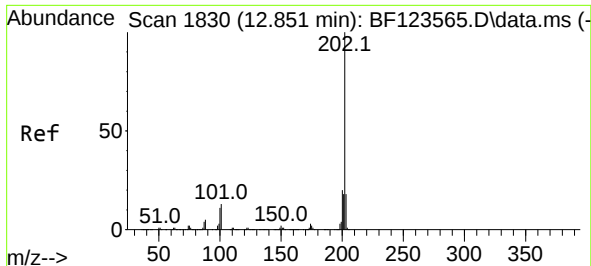
Tgt Ion:	202	Resp:	84251
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	30.9
203	18.1	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:	240	Resp:	505234
Ion Ratio	Lower	Upper	
240	100		
120	10.9	7.2	10.8#
236	24.2	19.0	28.4

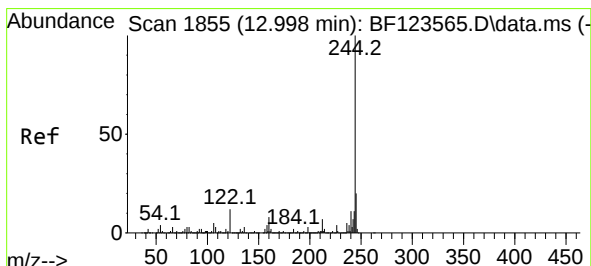
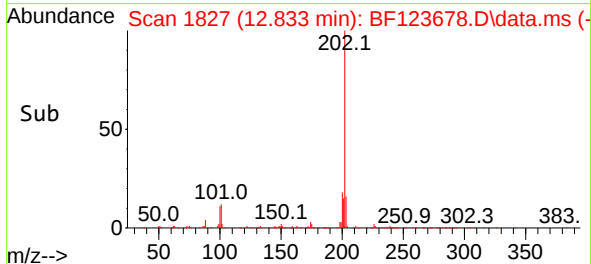
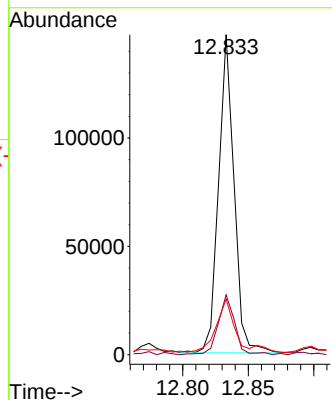
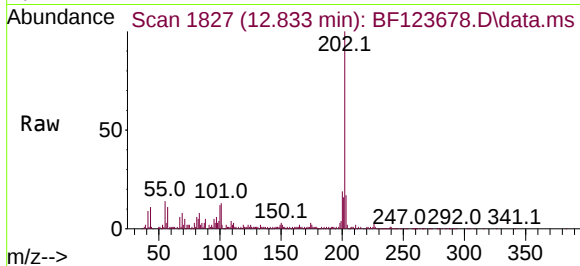




#78
Pyrene
Concen: 3.28 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

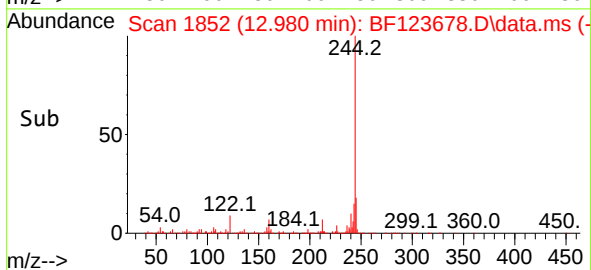
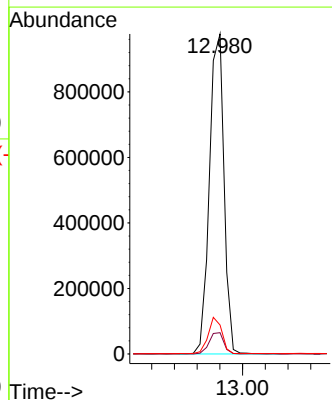
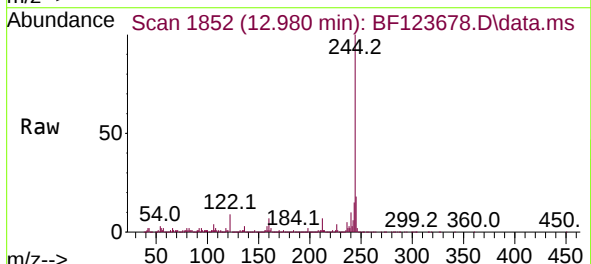
Instrument :
BNA_F
ClientSampleId :
OR-3-041921

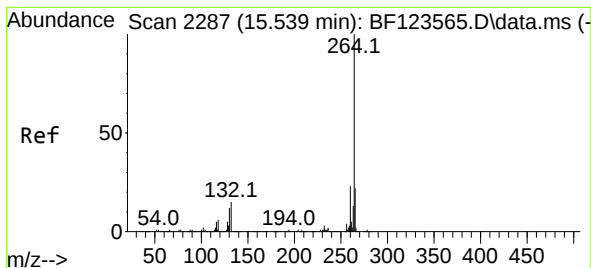
Tgt Ion:202 Resp: 120817
Ion Ratio Lower Upper
202 100
200 18.7 16.1 24.1
203 17.4 14.8 22.2



#79
Terphenyl-d14
Concen: 33.46 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:244 Resp: 869810
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.0 9.7 14.5#

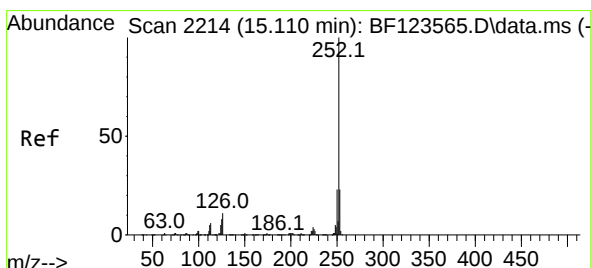
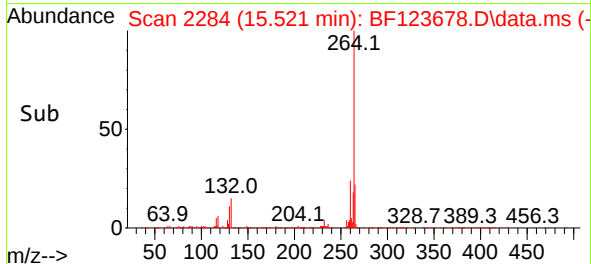
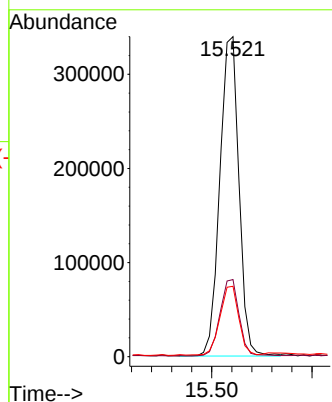
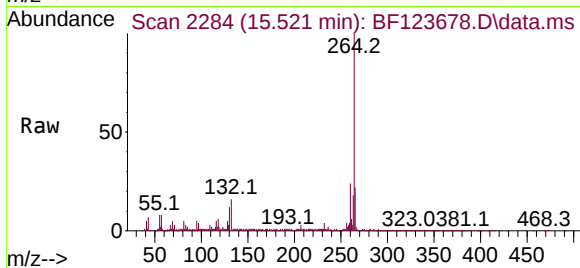




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Instrument :
BNA_F
ClientSampleId :
OR-3-041921

Tgt Ion:264 Resp: 448336
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.0 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF123678.D
Acq: 21 Apr 2021 21:12

Tgt Ion:252 Resp: 72790
Ion Ratio Lower Upper
252 100
253 28.0 18.1 27.1#
125 23.4 6.2 9.4#

