

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
 Data File : BF127593.D
 Acq On : 30 Mar 2022 17:43
 Operator : CG\JU
 Sample : N2155-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L076-ARE

Quant Time: Mar 31 04:10:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

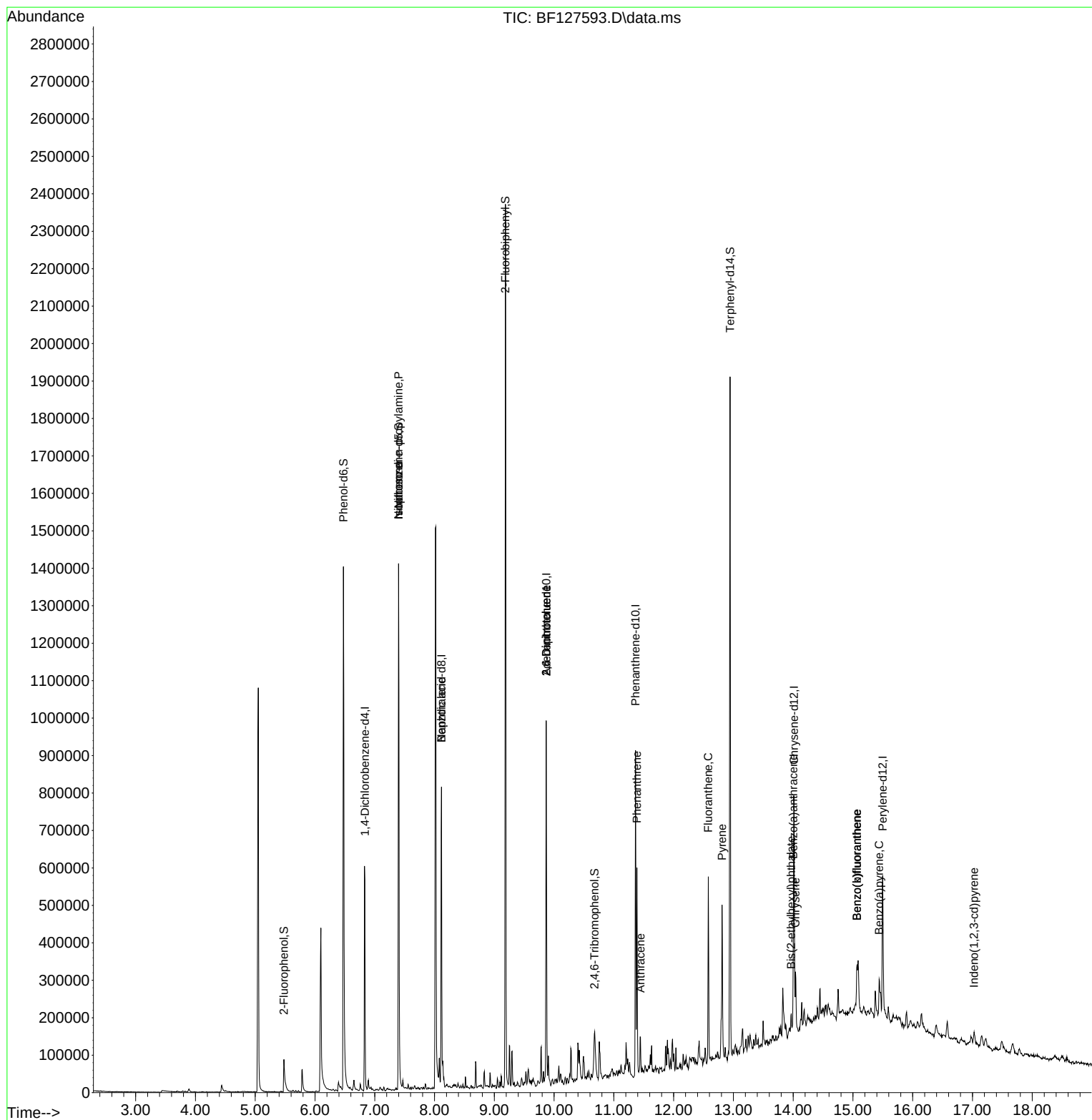
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	84899	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	317385	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	179536	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	277981	20.000	ng	0.00
76) Chrysene-d12	14.016	240	191002	20.000	ng	0.00
86) Perylene-d12	15.498	264	191753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	37394	7.031	ng	0.02
7) Phenol-d6	6.475	99	470616	64.731	ng	0.00
23) Nitrobenzene-d5	7.398	82	416693	56.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	4746	2.482	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	706748	57.482	ng	0.00
79) Terphenyl-d14	12.945	244	583945	50.048	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	593	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.398	70	63400	14.548	ng	# 80
25) Isophorone	7.398	82	416690	35.236	ng	# 70
32) Benzoic acid	8.116	122	75	6.068	ng	# 1
51) 2,6-Dinitrotoluene	9.869	165	23738	9.054	ng	# 19
55) Dibenzofuran	10.081	168	15542	Below Cal		99
57) 2,4-Dinitrotoluene	9.869	165	23738	7.034	ng	# 15
58) Fluorene	10.422	166	17230	Below Cal		96
71) Phenanthrene	11.386	178	186744	12.886	ng	98
72) Anthracene	11.445	178	42457	2.952	ng	97
75) Fluoranthene	12.580	202	180787	11.342	ng	98
78) Pyrene	12.810	202	158791	9.687	ng	99
81) Benzo(a)anthracene	14.004	228	73412	5.747	ng	99
83) Chrysene	14.039	228	63755	5.271	ng	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	16037	2.571	ng	# 99
87) Indeno(1,2,3-cd)pyrene	17.027	276	26448	2.038	ng	95
88) Benzo(b)fluoranthene	15.068	252	97434	8.059	ng	# 96
89) Benzo(k)fluoranthene	15.068	252	97434	7.774	ng	# 95
90) Benzo(a)pyrene	15.439	252	51898	5.230	ng	# 89

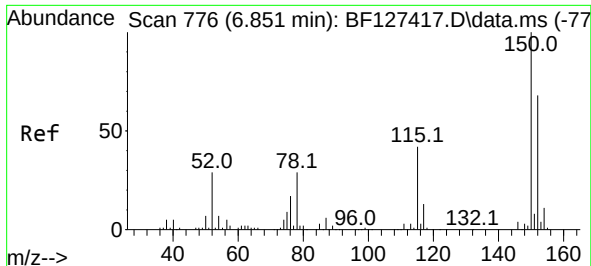
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127593.D
Acq On : 30 Mar 2022 17:43
Operator : CG\JU
Sample : N2155-01RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22L076-ARE

Quant Time: Mar 31 04:10:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

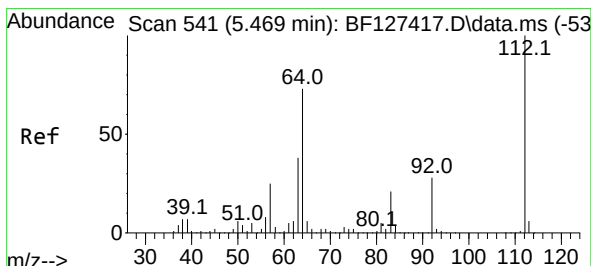
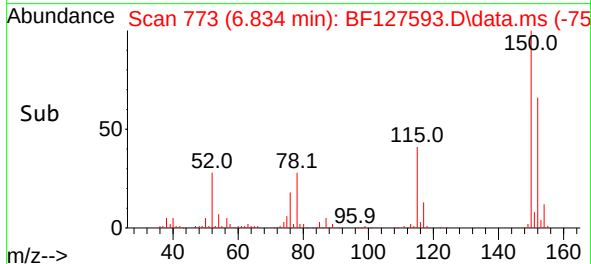
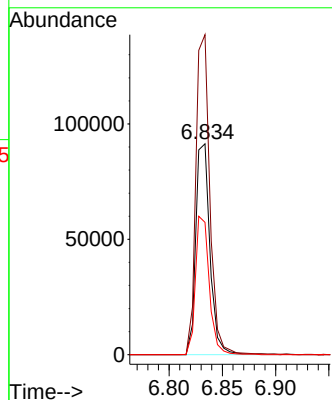
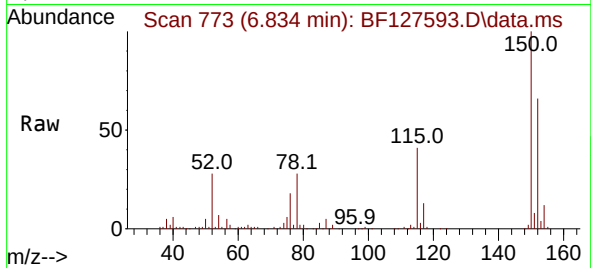




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

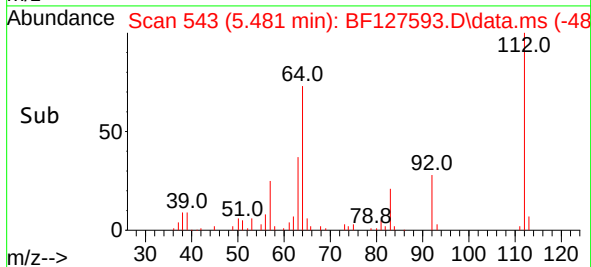
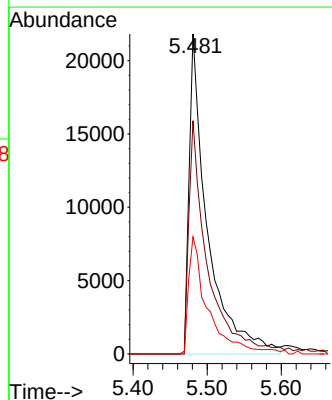
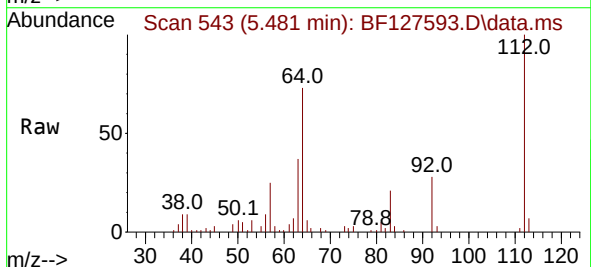
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

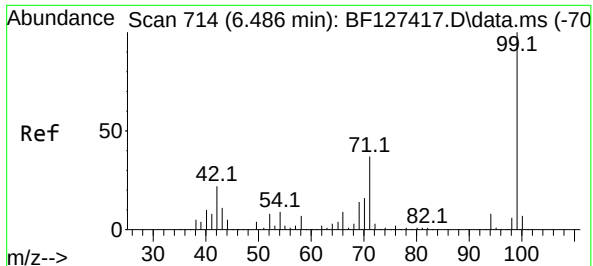
Tgt Ion:152 Resp: 84899
Ion Ratio Lower Upper
152 100
150 151.8 117.2 175.8
115 62.8 49.8 74.6



#5
2-Fluorophenol
Concen: 7.031 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.024 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:112 Resp: 37394
Ion Ratio Lower Upper
112 100
64 72.9 58.4 87.6
63 36.6 30.1 45.1

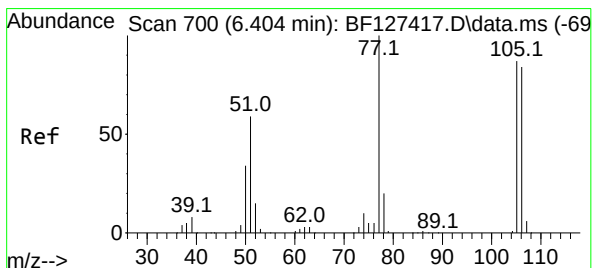
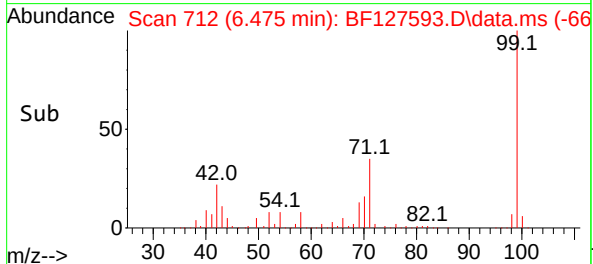
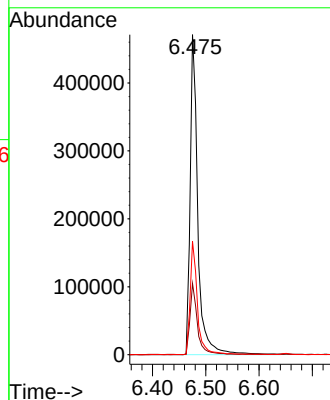
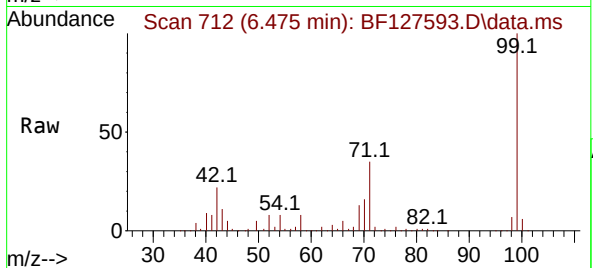




#7
Phenol-d6
Concen: 64.731 ng
RT: 6.475 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

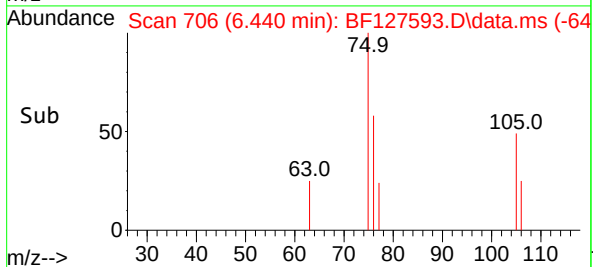
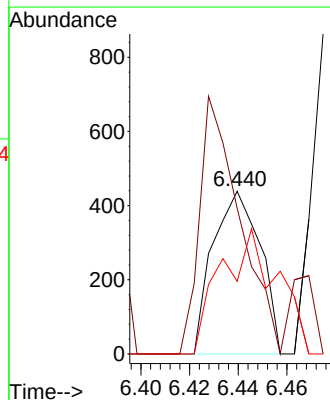
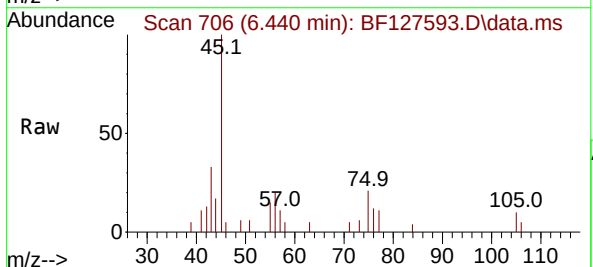
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

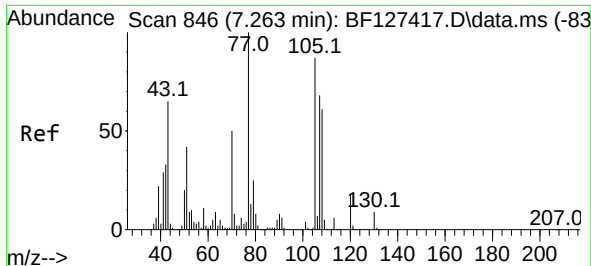
Tgt Ion: 99 Resp: 470616
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 35.4 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.440 min Scan# 706
Delta R.T. 0.047 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion: 77 Resp: 593
Ion Ratio Lower Upper
77 100
105 89.5 66.8 106.8
106 44.6 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 14.548 ng

RT: 7.398 min Scan# 8

Delta R.T. 0.147 min

Lab File: BF127593.D

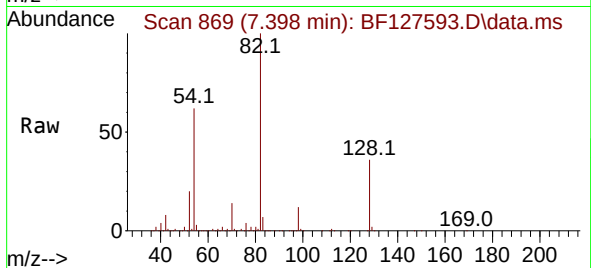
Acq: 30 Mar 2022 17:43

Instrument :

BNA_F

ClientSampleId :

22L076-ARE



Tgt Ion: 70 Resp: 63400

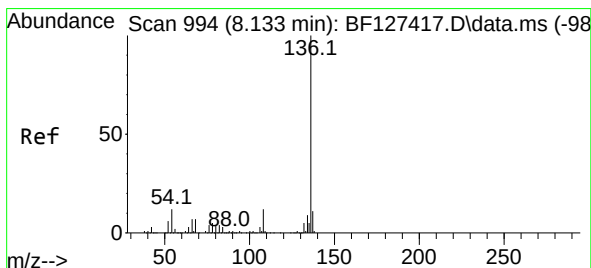
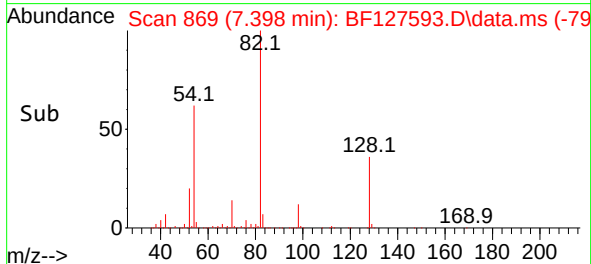
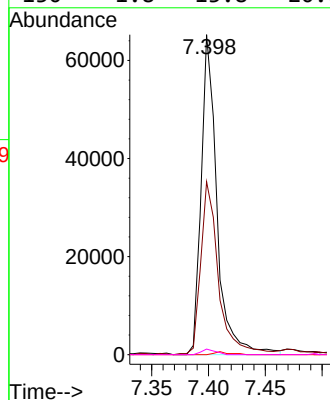
Ion Ratio Lower Upper

70 100

42 54.0 53.0 79.6

101 0.0 6.8 10.2#

130 1.8 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127593.D

Acq: 30 Mar 2022 17:43

Tgt Ion:136 Resp: 317385

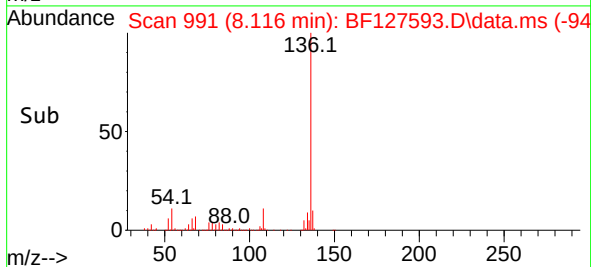
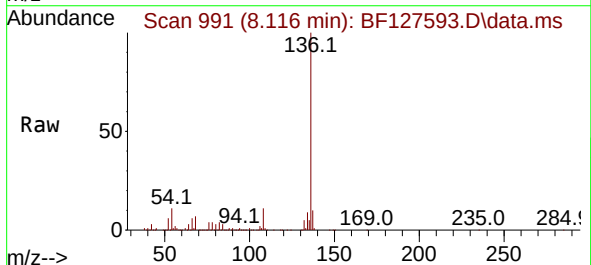
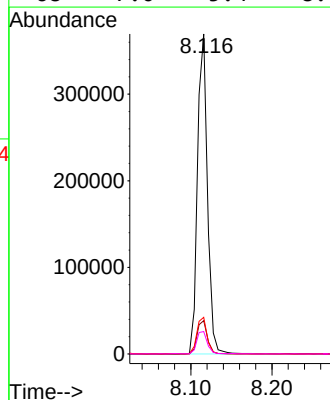
Ion Ratio Lower Upper

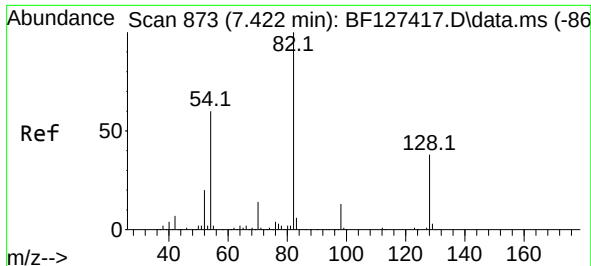
136 100

137 10.4 8.6 13.0

54 11.4 9.2 13.8

68 7.0 5.4 8.0

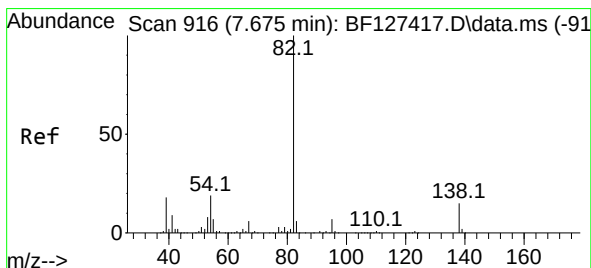
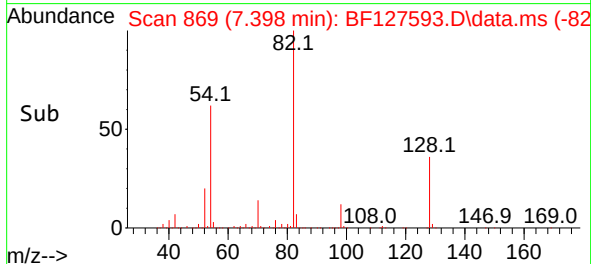
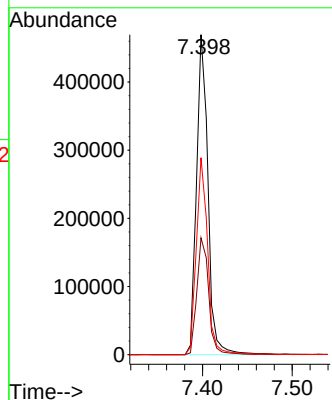
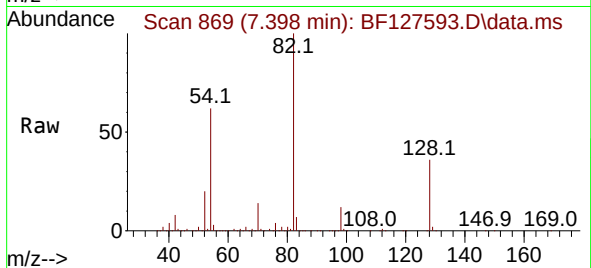




#23
Nitrobenzene-d5
Concen: 56.121 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

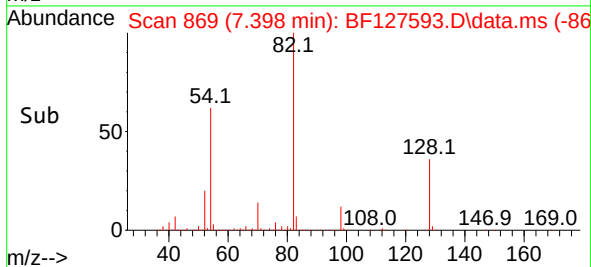
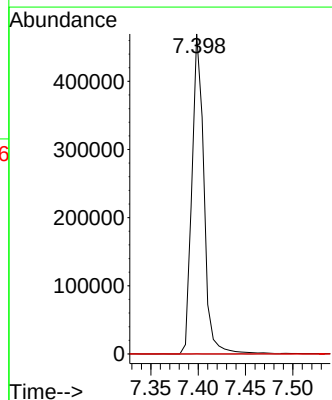
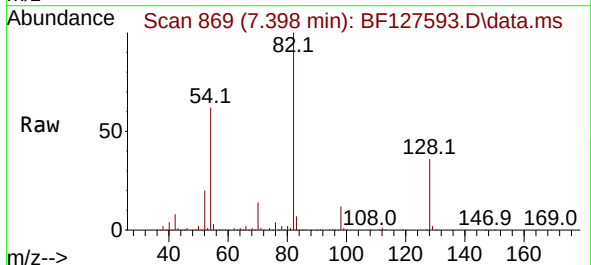
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

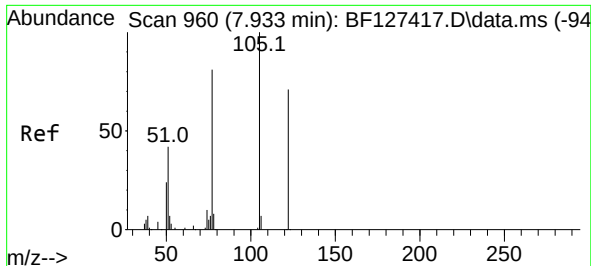
Tgt Ion: 82 Resp: 416693
Ion Ratio Lower Upper
82 100
128 36.5 30.6 45.8
54 61.5 48.2 72.2



#25
Isophorone
Concen: 35.236 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.265 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion: 82 Resp: 416690
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

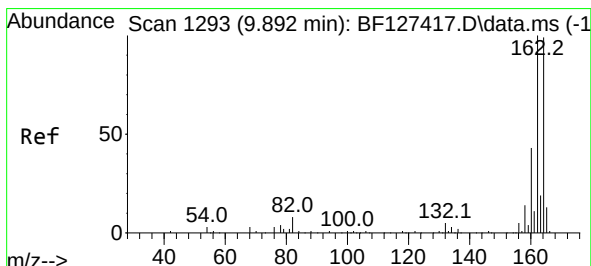
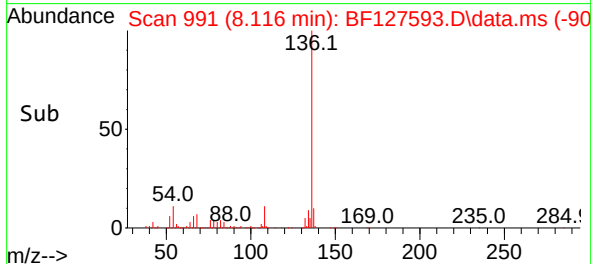
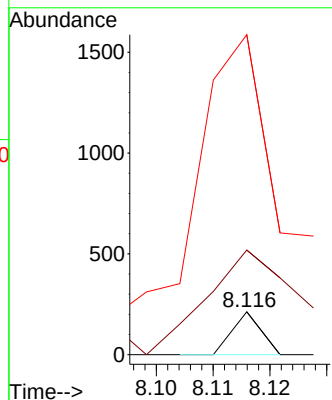
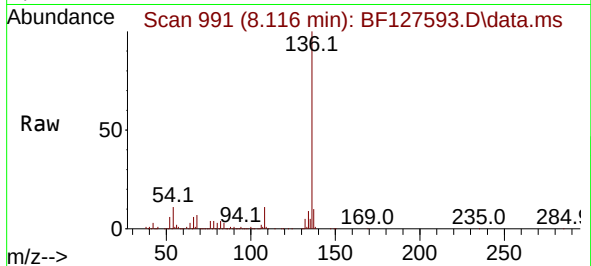




#32
Benzoic acid
Concen: 6.068 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.188 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

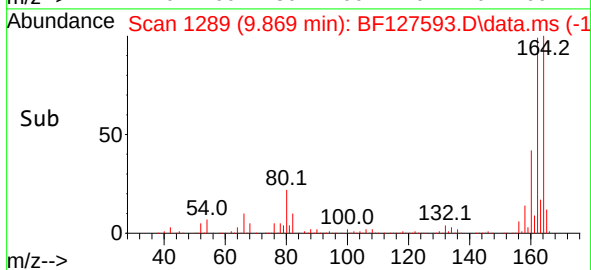
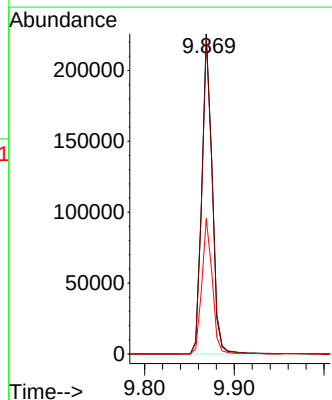
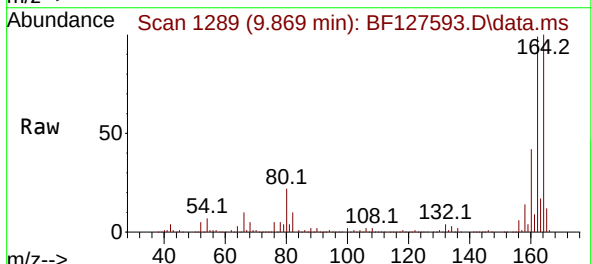
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

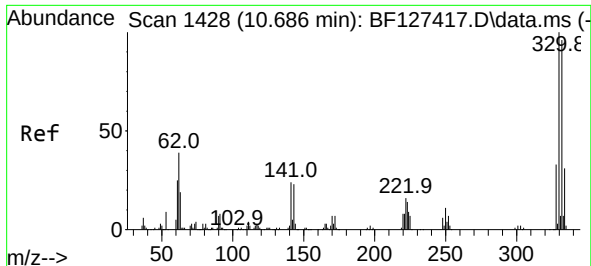
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 244.8 117.1 157.1#
77 748.6 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:164 Resp: 179536
Ion Ratio Lower Upper
164 100
162 98.5 81.2 121.8
160 42.4 34.6 52.0

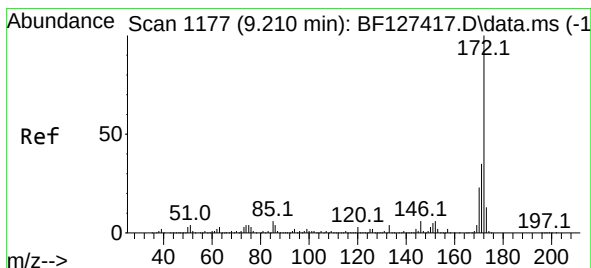
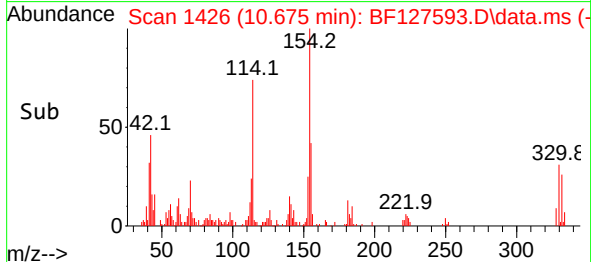
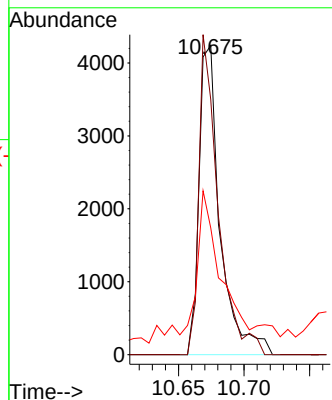
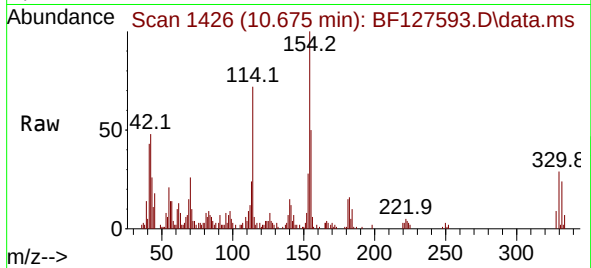




#42
2,4,6-Tribromophenol
Concen: 2.482 ng
RT: 10.675 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

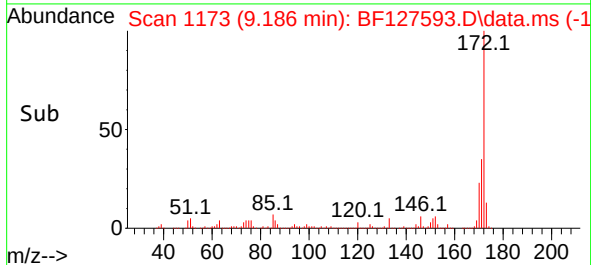
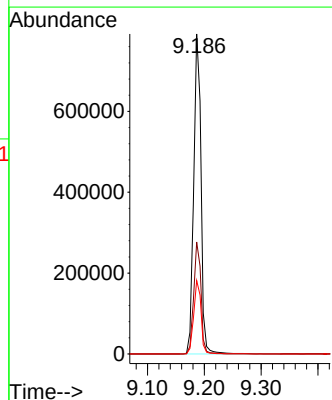
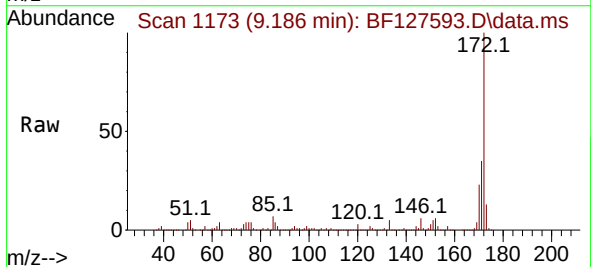
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

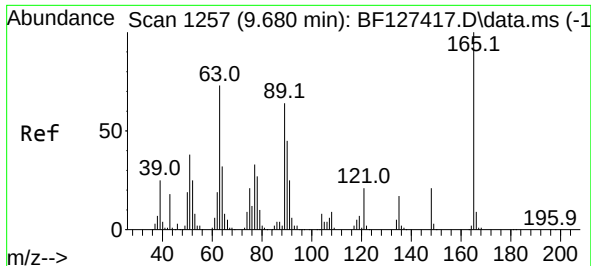
Tgt Ion:330 Resp: 4746
Ion Ratio Lower Upper
330 100
332 95.1 79.1 118.7
141 68.1 26.2 39.4#



#45
2-Fluorobiphenyl
Concen: 57.482 ng
RT: 9.186 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:172 Resp: 706748
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.0 18.6 27.8

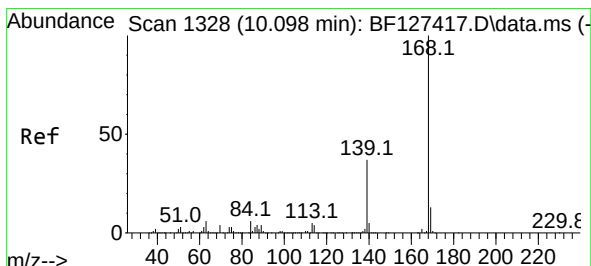
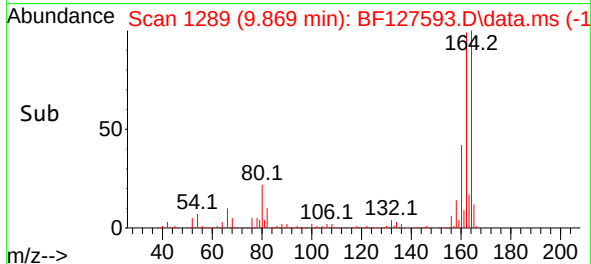
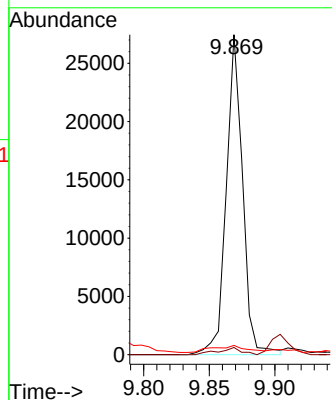
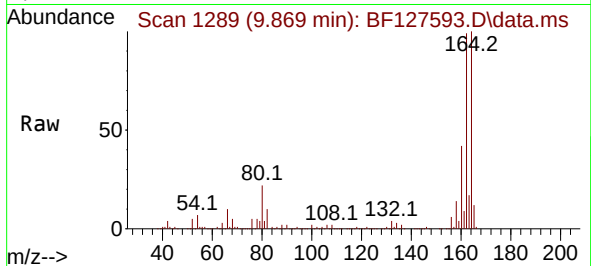




#51
2,6-Dinitrotoluene
Concen: 9.054 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

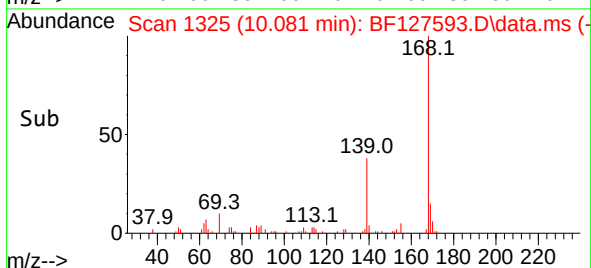
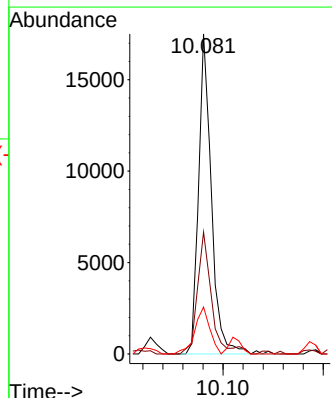
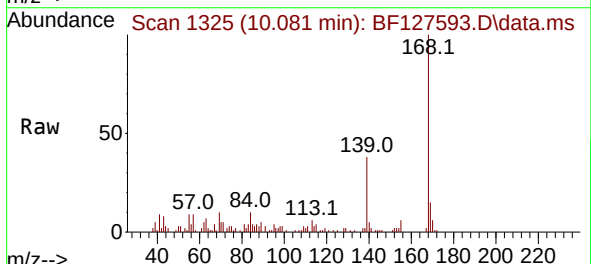
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

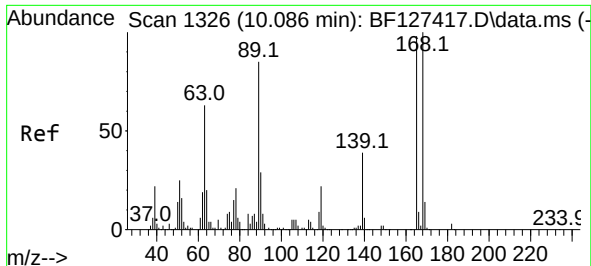
Tgt Ion:165 Resp: 23738
Ion Ratio Lower Upper
165 100
63 2.3 58.3 87.5#
89 2.9 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.081 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:168 Resp: 15542
Ion Ratio Lower Upper
168 100
139 38.1 30.3 45.5
169 14.7 10.8 16.2

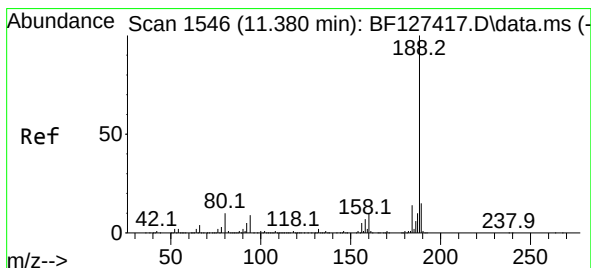
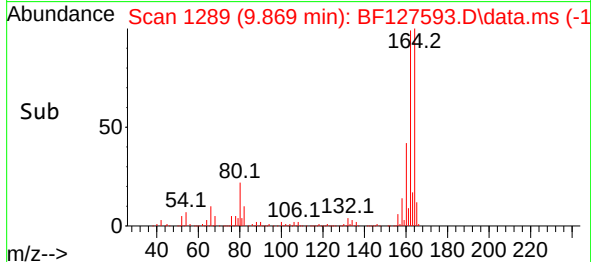
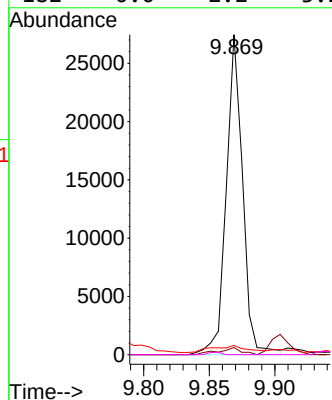
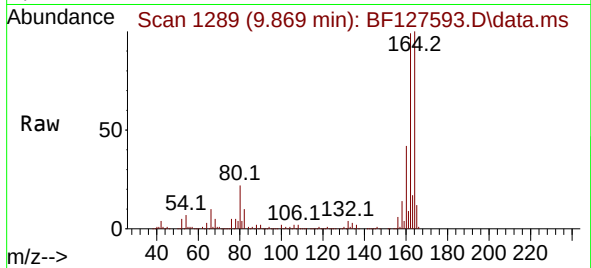




#57
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

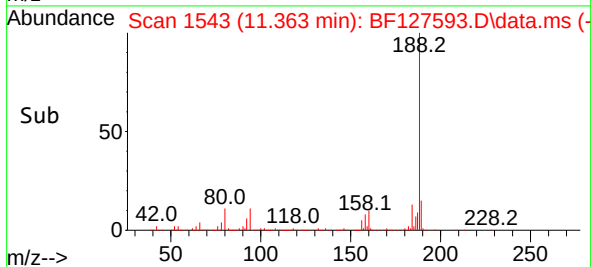
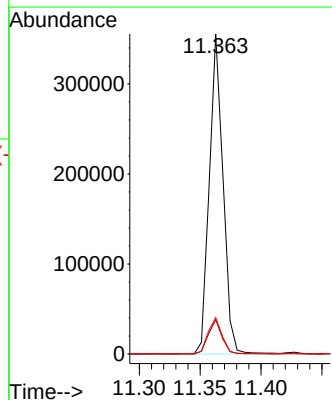
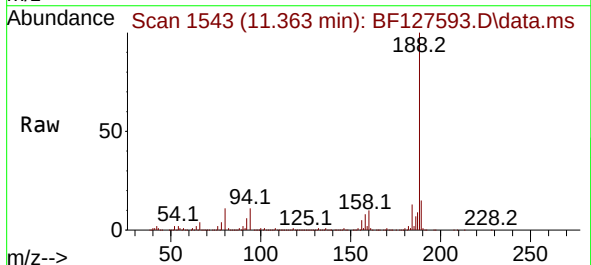
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

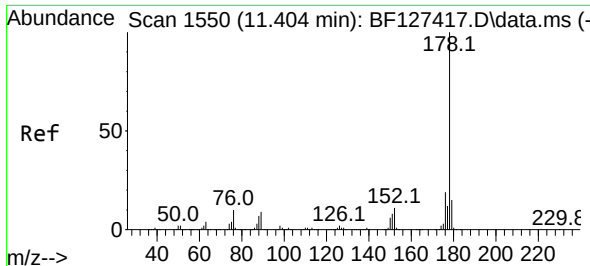
Tgt Ion:165 Resp: 23738
Ion Ratio Lower Upper
165 100
63 2.3 53.1 79.7#
89 2.9 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1543
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:188 Resp: 277981
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.0
80 11.4 8.0 12.0

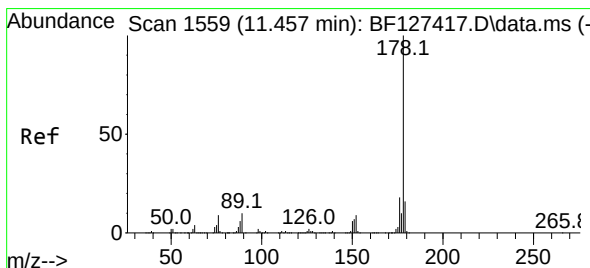
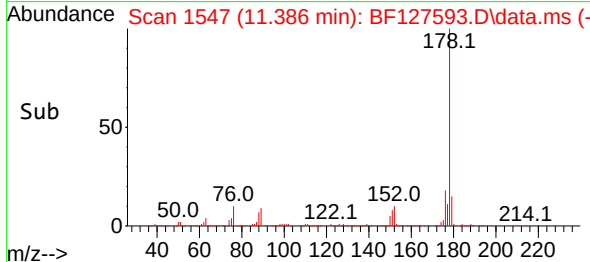
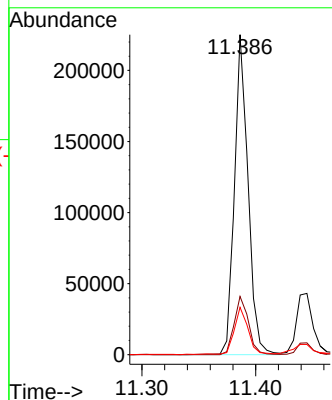
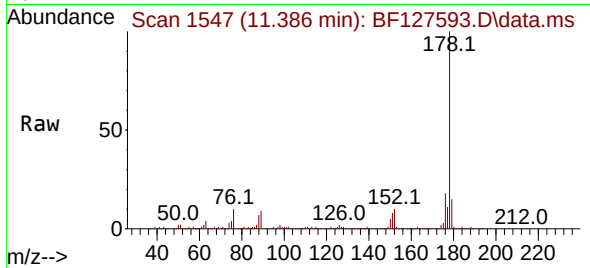




#71
Phenanthrene
Concen: 12.886 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

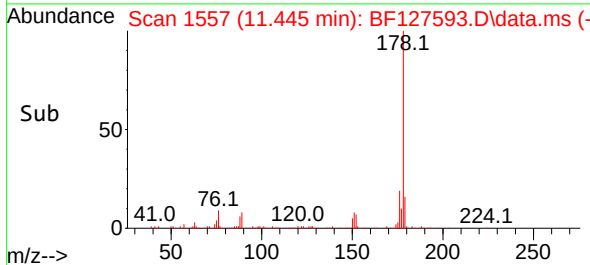
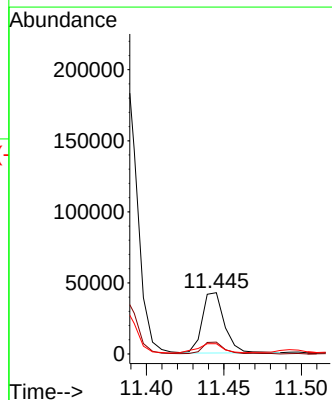
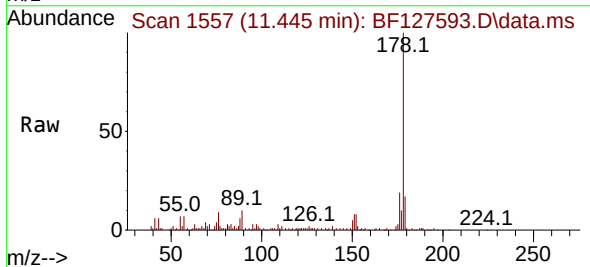
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

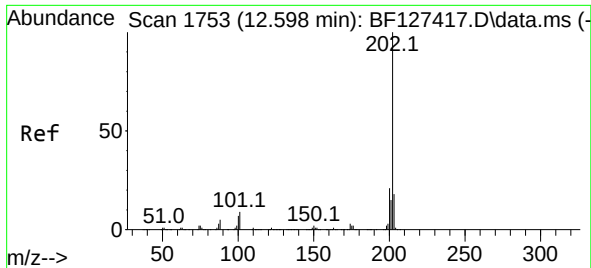
Tgt Ion:178 Resp: 186744
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.8 12.4 18.6



#72
Anthracene
Concen: 2.952 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:178 Resp: 42457
Ion Ratio Lower Upper
178 100
176 19.4 14.6 22.0
179 16.7 12.4 18.6

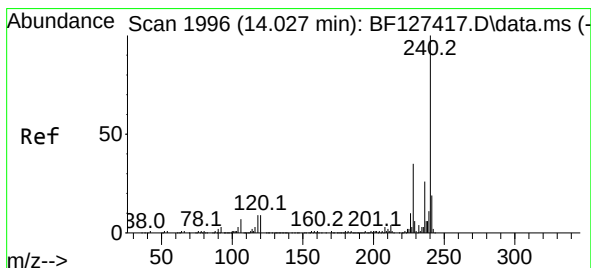
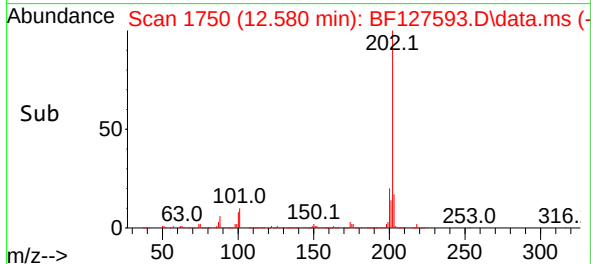
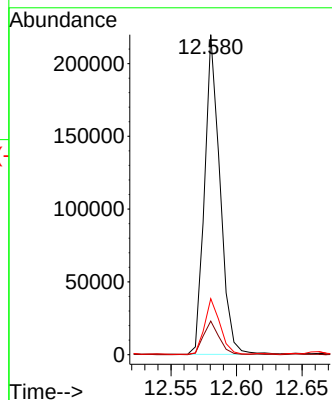
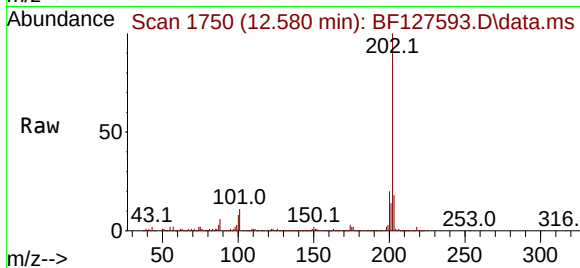




#75
Fluoranthene
Concen: 11.342 ng
RT: 12.580 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

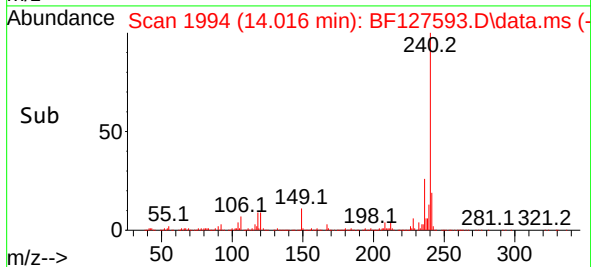
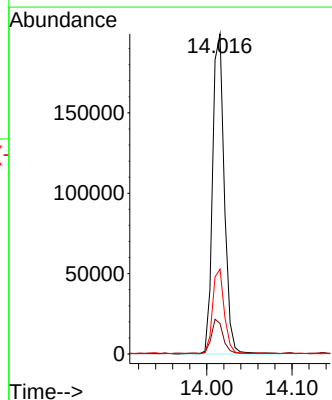
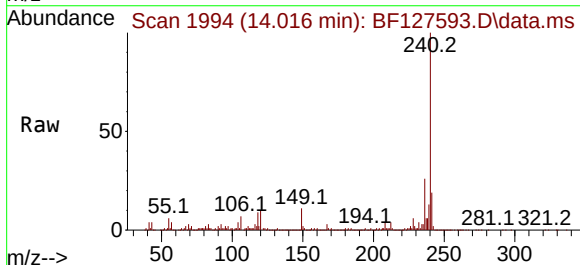
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

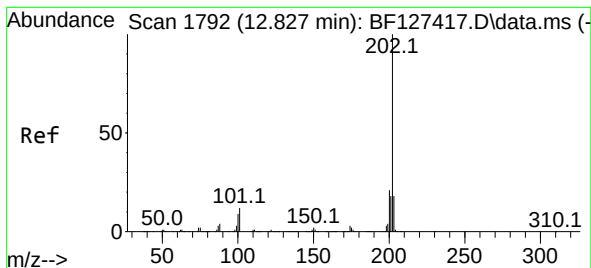
Tgt Ion:202 Resp: 180787
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:240 Resp: 191002
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 26.5 20.7 31.1





#78

Pyrene

Concen: 9.687 ng

RT: 12.810 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127593.D

Acq: 30 Mar 2022 17:43

Instrument :

BNA_F

ClientSampleId :

22L076-ARE

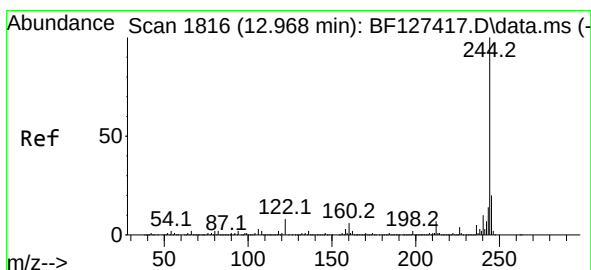
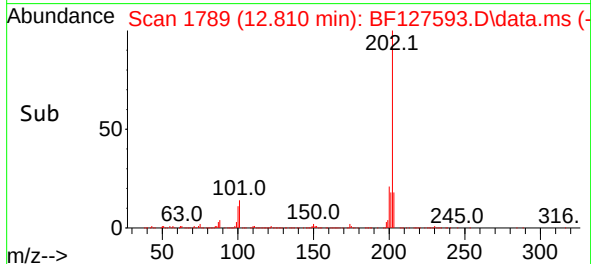
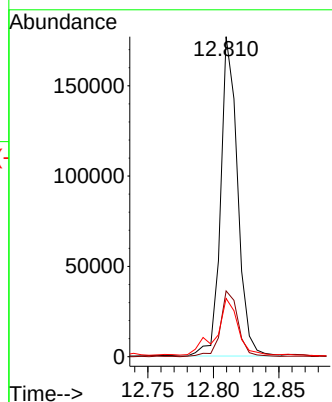
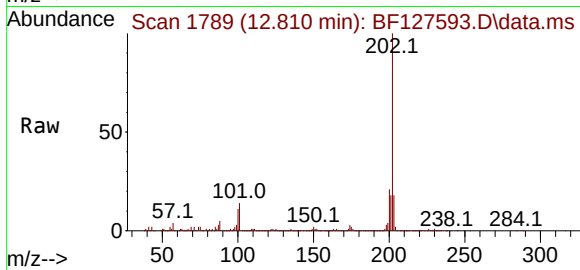
Tgt Ion:202 Resp: 158791

Ion Ratio Lower Upper

202 100

200 20.6 17.1 25.7

203 18.2 14.3 21.5



#79

Terphenyl-d14

Concen: 50.048 ng

RT: 12.945 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF127593.D

Acq: 30 Mar 2022 17:43

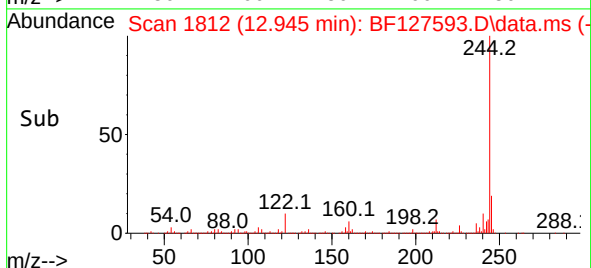
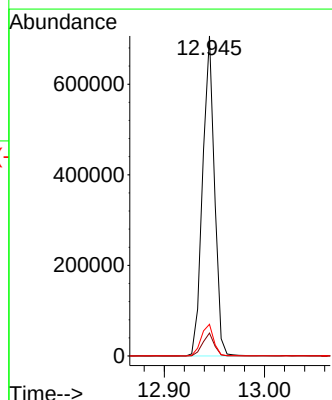
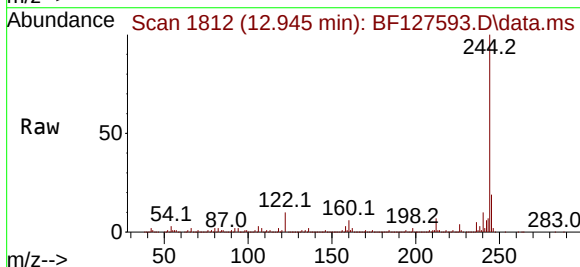
Tgt Ion:244 Resp: 583945

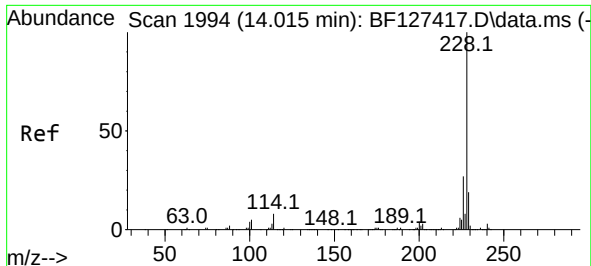
Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 9.9 6.2 9.2#

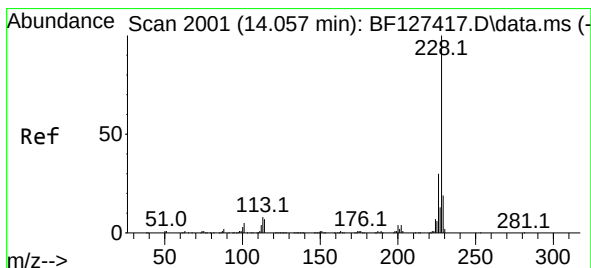
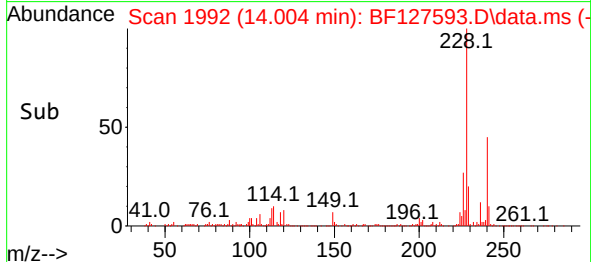
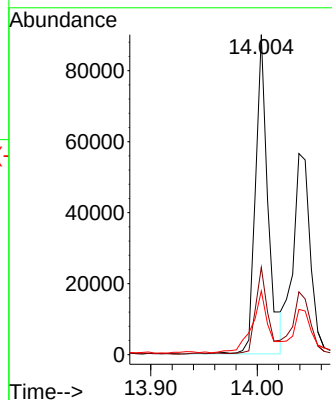
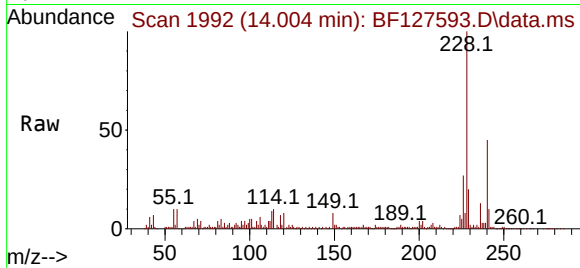




#81
Benzo(a)anthracene
Concen: 5.747 ng
RT: 14.004 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

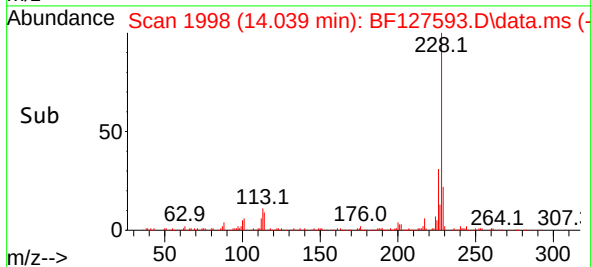
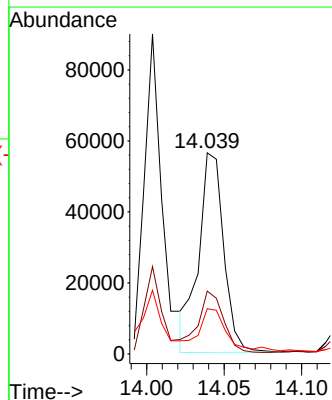
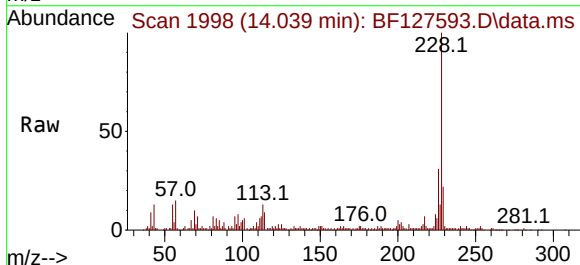
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

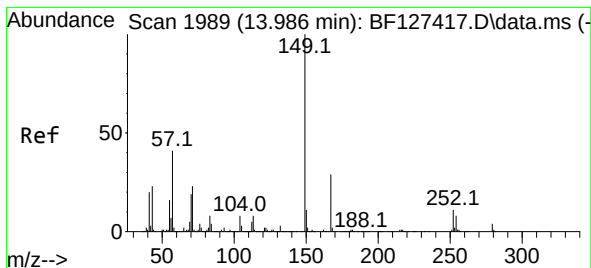
Tgt Ion:228 Resp: 73412
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.9 15.4 23.2



#83
Chrysene
Concen: 5.271 ng
RT: 14.039 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:228 Resp: 63755
Ion Ratio Lower Upper
228 100
226 31.2 24.2 36.4
229 22.5 15.4 23.2

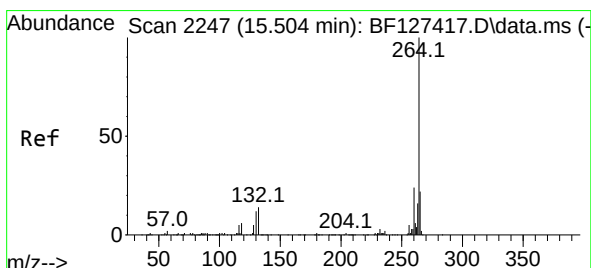
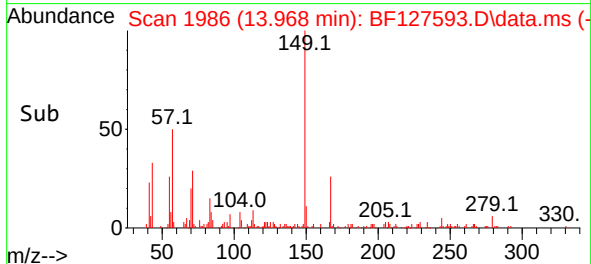
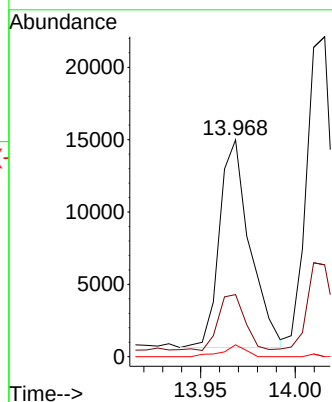
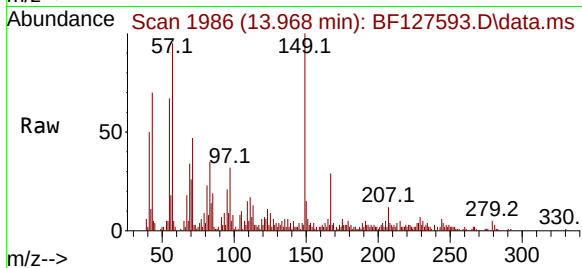




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.571 ng
RT: 13.968 min Scan# 1989
Delta R.T. 0.000 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

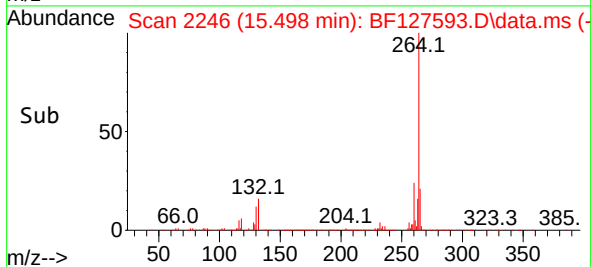
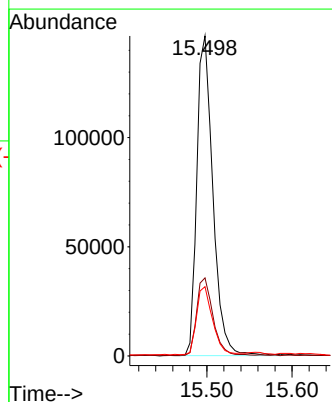
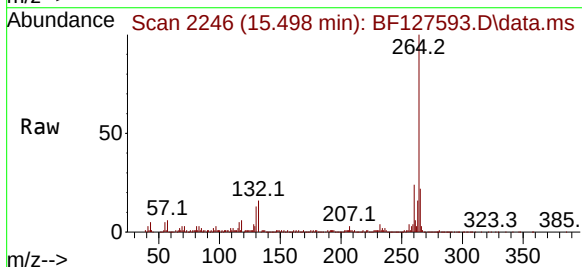
Instrument :
BNA_F
ClientSampleId :
22L076-ARE

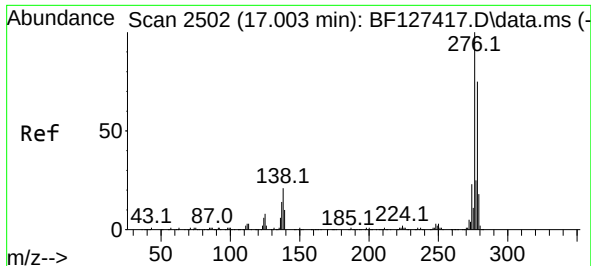
Tgt Ion:149 Resp: 16037
Ion Ratio Lower Upper
149 100
167 28.6 22.9 34.3
279 5.4 3.2 4.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2246
Delta R.T. 0.006 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:264 Resp: 191753
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 21.7 17.4 26.2

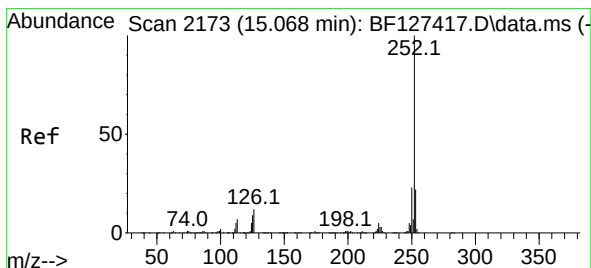
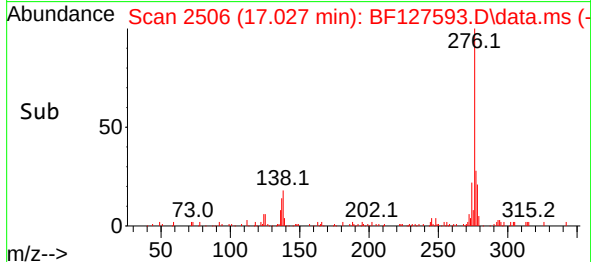
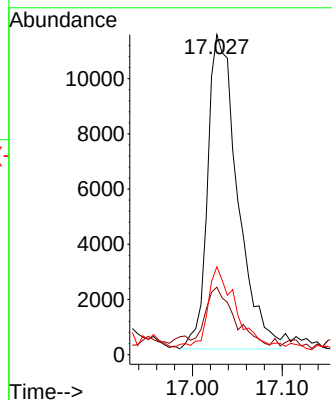
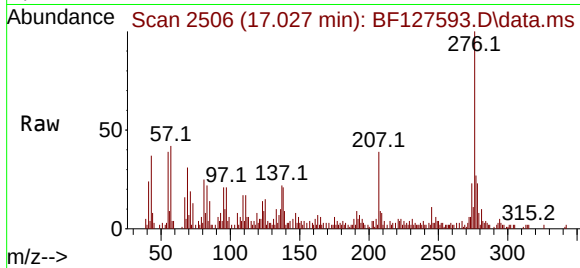




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.038 ng
 RT: 17.027 min Scan# 2106
 Delta R.T. 0.035 min
 Lab File: BF127593.D
 Acq: 30 Mar 2022 17:43

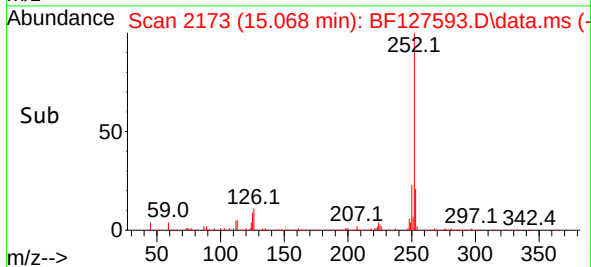
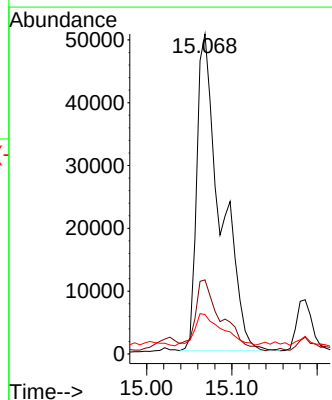
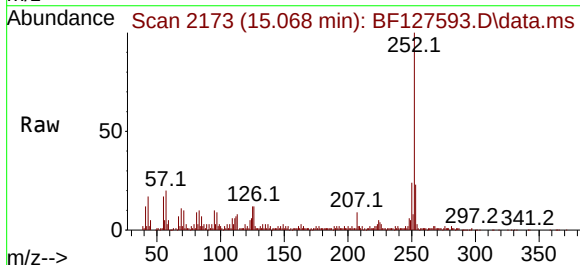
Instrument :
 BNA_F
 ClientSampleId :
 22L076-ARE

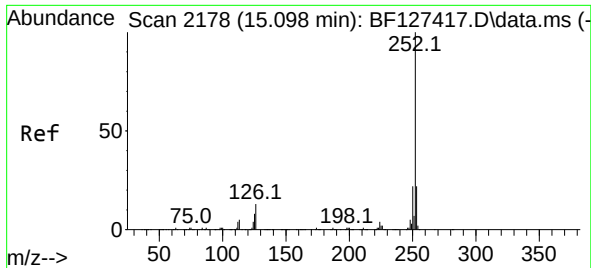
Tgt Ion:276 Resp: 26448
 Ion Ratio Lower Upper
 276 100
 138 18.0 17.1 25.7
 277 23.3 19.9 29.9



#88
 Benzo(b)fluoranthene
 Concen: 8.059 ng
 RT: 15.068 min Scan# 2173
 Delta R.T. 0.012 min
 Lab File: BF127593.D
 Acq: 30 Mar 2022 17:43

Tgt Ion:252 Resp: 97434
 Ion Ratio Lower Upper
 252 100
 253 23.2 17.9 26.9
 125 12.3 7.0 10.4#

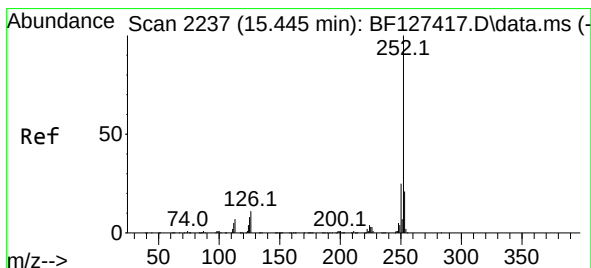
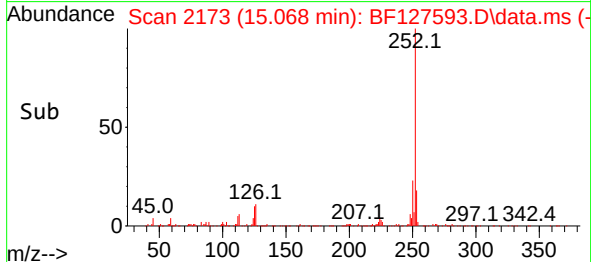
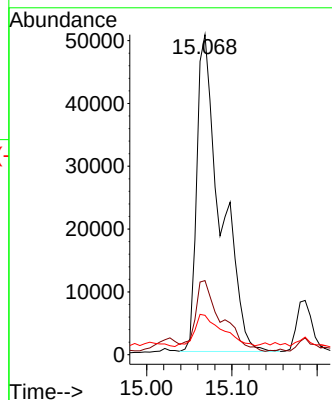
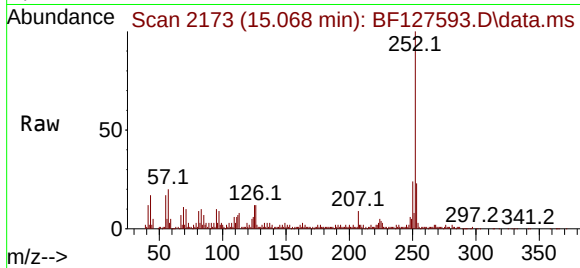




#89
Benzo(k)fluoranthene
Concen: 7.774 ng
RT: 15.068 min Scan# 2173
Delta R.T. -0.018 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Instrument :
BNA_F
ClientSampleId :
22L076-ARE

Tgt Ion:252 Resp: 97434
Ion Ratio Lower Upper
252 100
253 23.2 17.3 25.9
125 12.3 6.9 10.3#



#90
Benzo(a)pyrene
Concen: 5.230 ng
RT: 15.439 min Scan# 2236
Delta R.T. 0.012 min
Lab File: BF127593.D
Acq: 30 Mar 2022 17:43

Tgt Ion:252 Resp: 51898
Ion Ratio Lower Upper
252 100
253 25.8 17.0 25.6#
125 13.2 6.7 10.1#

