

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127813.D
 Acq On : 15 Apr 2022 19:52
 Operator : CG\JU
 Sample : N2429-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-041422

Quant Time: Apr 18 01:27:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

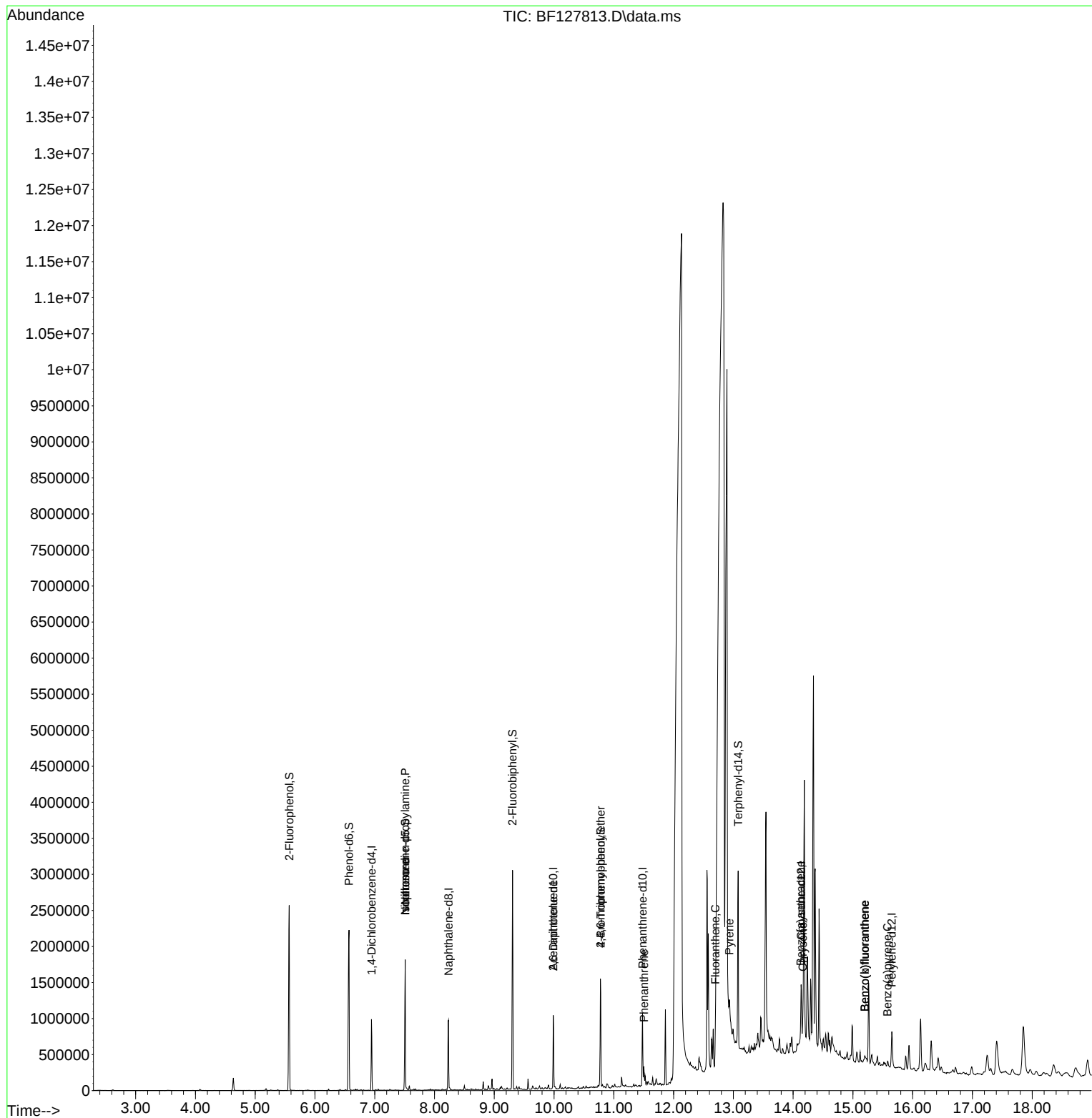
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.946	152	135806	20.000	ng	-0.02
21) Naphthalene-d8	8.234	136	436645	20.000	ng	#-0.01
39) Acenaphthene-d10	9.986	164	197263	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	336200	20.000	ng	-0.01
76) Chrysene-d12	14.133	240	293875	20.000	ng	-0.01
86) Perylene-d12	15.651	264	225278	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	656220	78.516	ng	-0.01
7) Phenol-d6	6.569	99	781571	71.482	ng	-0.02
23) Nitrobenzene-d5	7.510	82	535330	54.657	ng	-0.02
42) 2,4,6-Tribromophenol	10.781	330	172534	82.191	ng	-0.02
45) 2-Fluorobiphenyl	9.304	172	843719	60.507	ng	-0.02
79) Terphenyl-d14	13.080	244	848849	47.677	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	710	Below Cal		99
19) n-Nitroso-di-n-propyla...	7.510	70	74181	10.490 ng	#	74
25) Isophorone	7.510	82	531516	31.100 ng	#	70
51) 2,6-Dinitrotoluene	9.986	165	26978	10.010 ng	#	17
67) 4-Bromophenyl-phenylether	10.781	248	10753	2.635 ng	#	1
71) Phenanthrene	11.504	178	81255	4.562 ng		98
75) Fluoranthene	12.698	202	122823	6.319 ng		97
78) Pyrene	12.933	202	118576	4.778 ng		99
81) Benzo(a)anthracene	14.127	228	55765	2.841 ng		95
83) Chrysene	14.163	228	56685	3.009 ng		97
88) Benzo(b)fluoranthene	15.198	252	72659	5.014 ng	#	91
89) Benzo(k)fluoranthene	15.198	252	72659	5.055 ng	#	90
90) Benzo(a)pyrene	15.580	252	38864	3.299 ng	#	89

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

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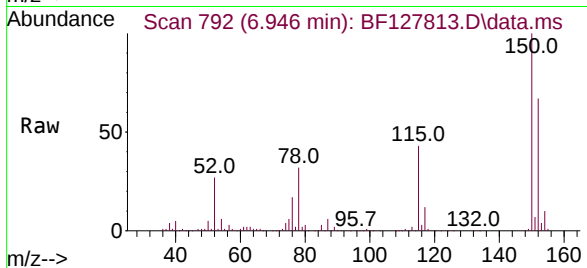
Quant Time: Apr 18 01:27:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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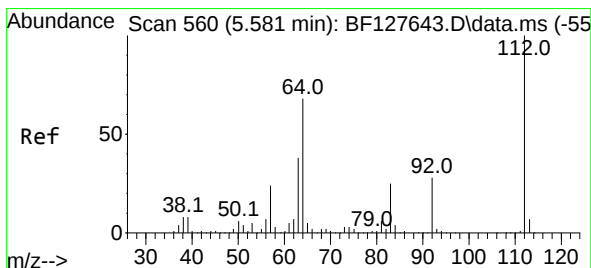
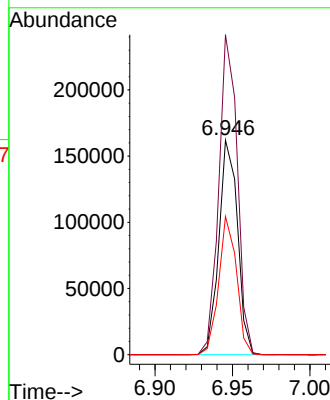
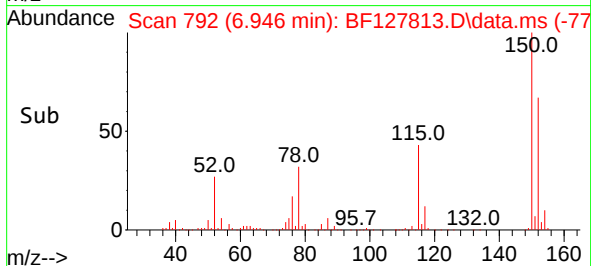


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.946 min Scan# 795
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

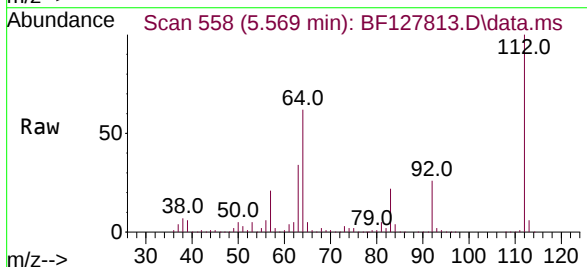
Instrument :
BNA_F
ClientSampleId :
BU-03-041422



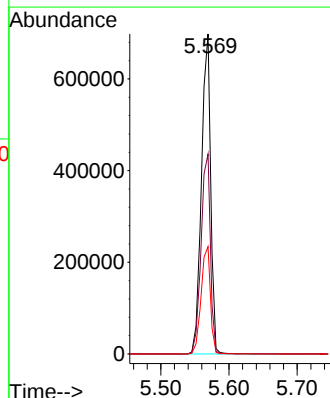
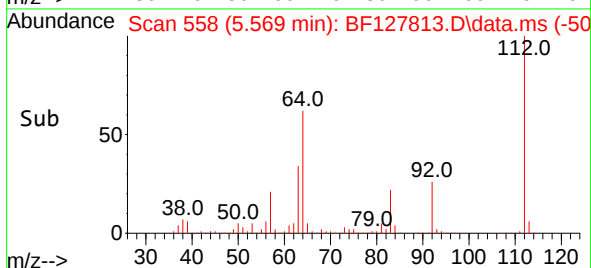
Tgt Ion:152 Resp: 135806
Ion Ratio Lower Upper
152 100
150 149.1 117.2 175.8
115 64.4 49.8 74.6



#5
2-Fluorophenol
Concen: 78.516 ng
RT: 5.569 min Scan# 558
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52



Tgt Ion:112 Resp: 656220
Ion Ratio Lower Upper
112 100
64 62.4 58.4 87.6
63 33.6 30.1 45.1

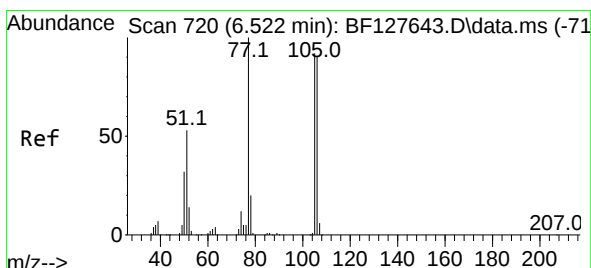
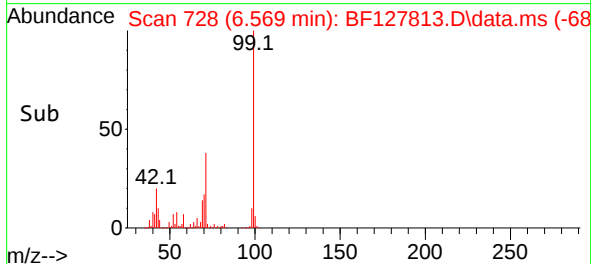
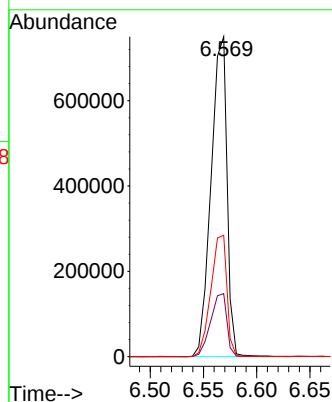
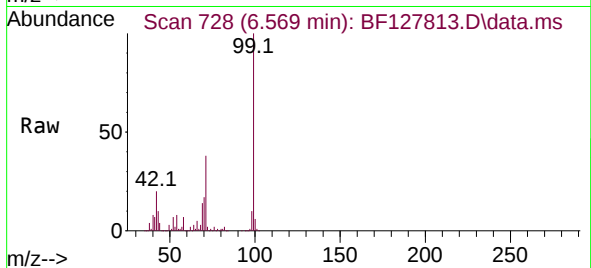




#7
Phenol-d6
Concen: 71.482 ng
RT: 6.569 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

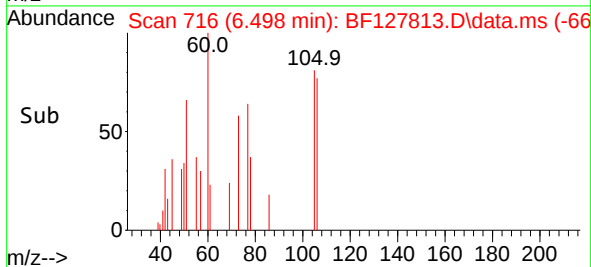
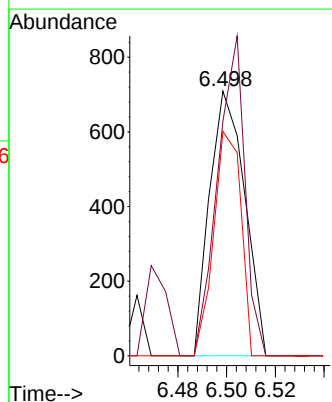
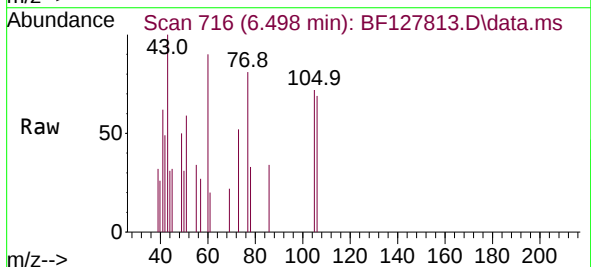
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

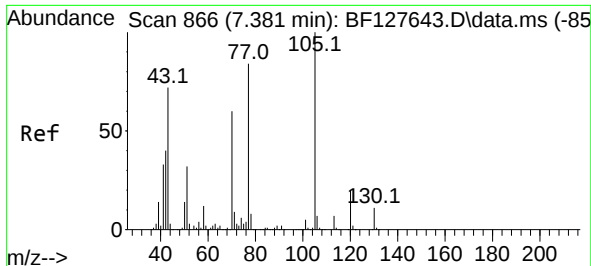
Tgt Ion: 99 Resp: 781571
Ion Ratio Lower Upper
99 100
42 19.7 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 77 Resp: 710
Ion Ratio Lower Upper
77 100
105 88.7 66.8 106.8
106 84.8 64.3 104.3

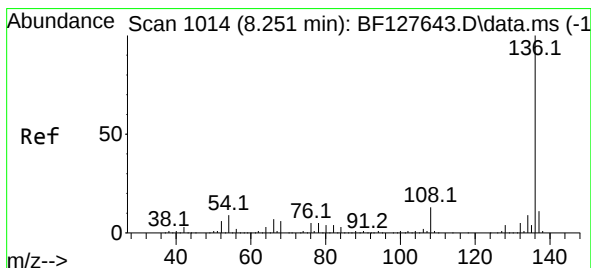
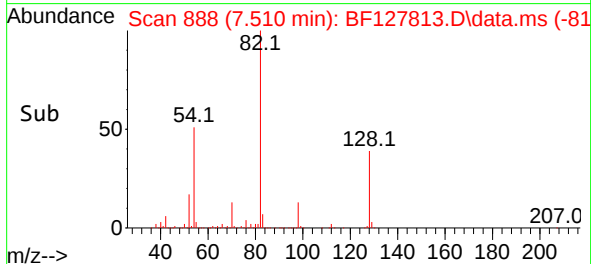
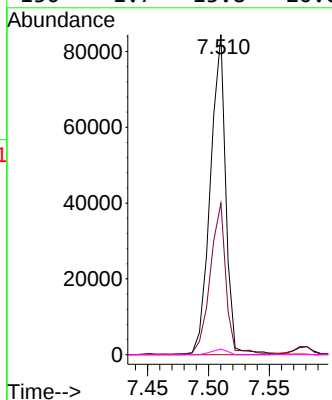
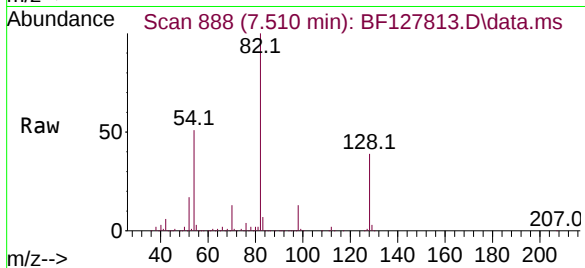




#19
n-Nitroso-di-n-propylamine
Concen: 10.490 ng
RT: 7.510 min Scan# 81
Delta R.T. 0.135 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

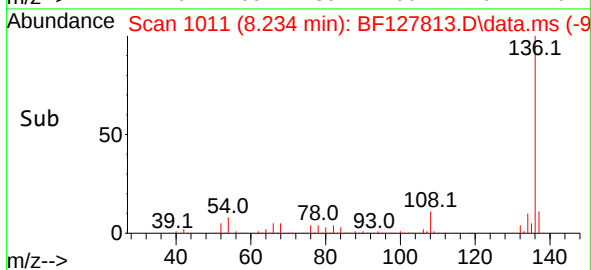
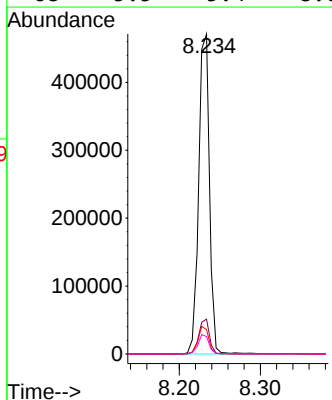
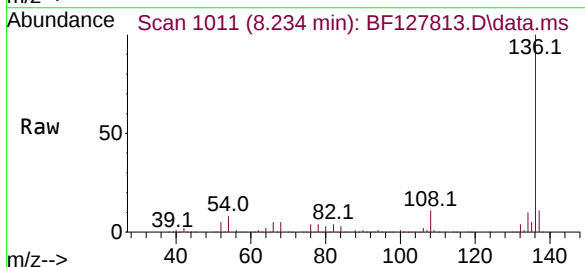
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

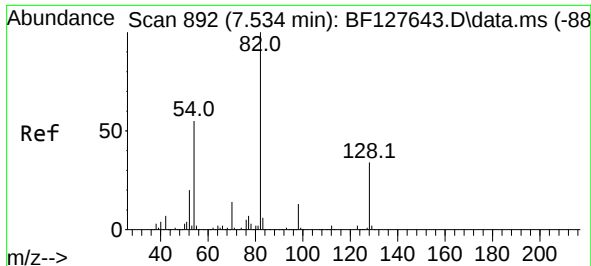
Tgt Ion: 70 Resp: 74181
Ion Ratio Lower Upper
70 100
42 47.4 53.0 79.6#
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion: 136 Resp: 436645
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 9.2 13.8#
68 5.5 5.4 8.0





#23

Nitrobenzene-d5

Concen: 54.657 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127813.D

Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422

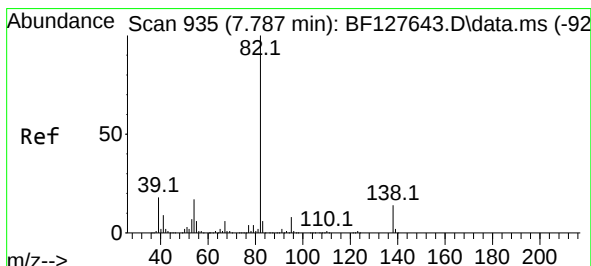
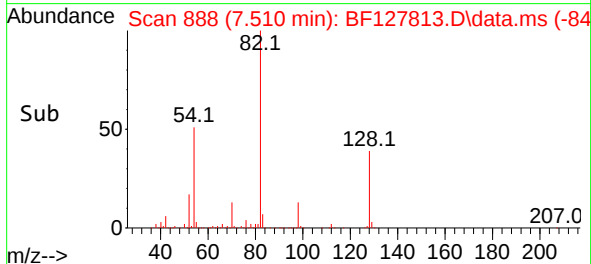
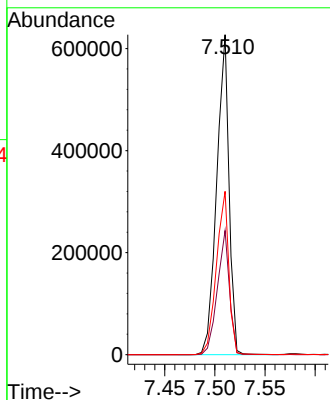
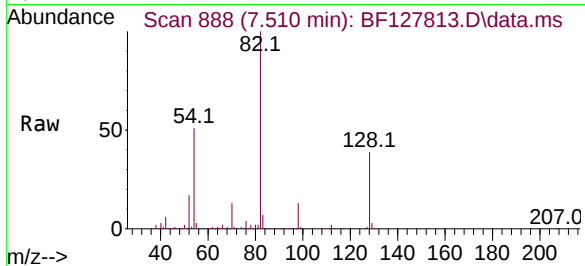
Tgt Ion: 82 Resp: 535330

Ion Ratio Lower Upper

82 100

128 38.8 30.6 45.8

54 51.1 48.2 72.2



#25

Isophorone

Concen: 31.100 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.276 min

Lab File: BF127813.D

Acq: 15 Apr 2022 19:52

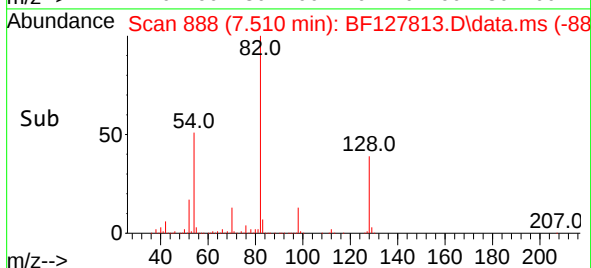
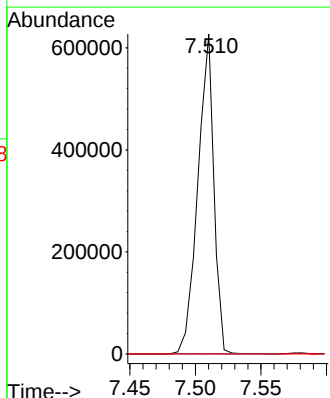
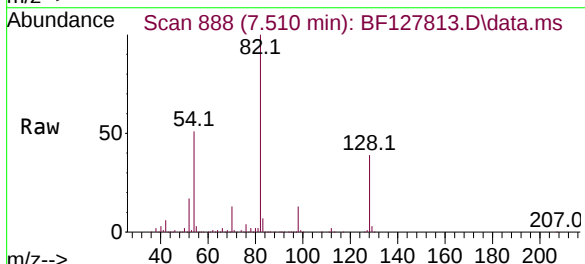
Tgt Ion: 82 Resp: 531516

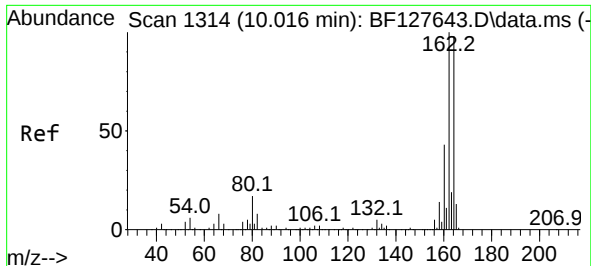
Ion Ratio Lower Upper

82 100

95 0.1 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.986 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF127813.D

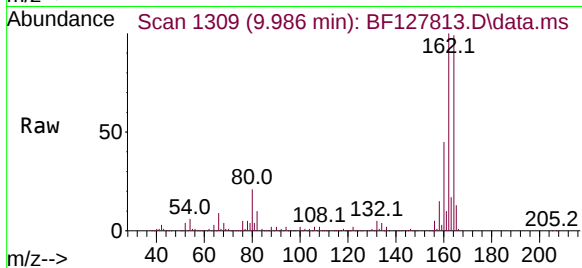
Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422



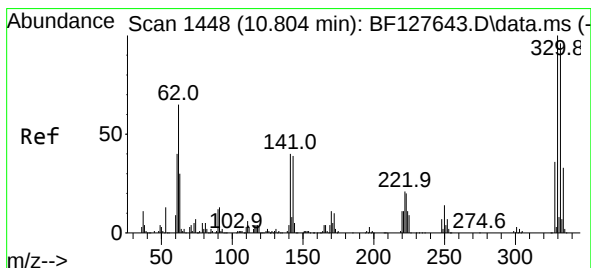
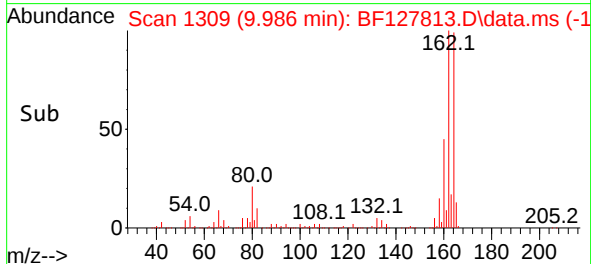
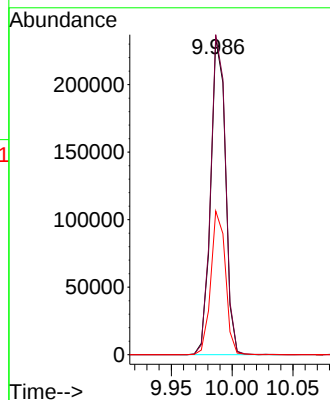
Tgt Ion:164 Resp: 197263

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

160 45.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 82.191 ng

RT: 10.781 min Scan# 1444

Delta R.T. -0.018 min

Lab File: BF127813.D

Acq: 15 Apr 2022 19:52

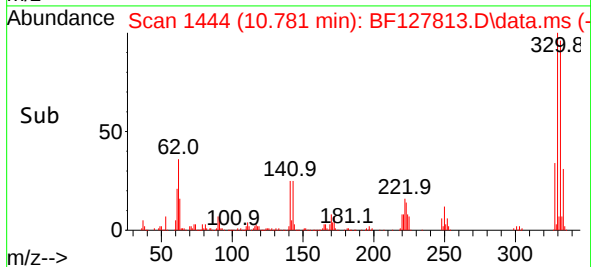
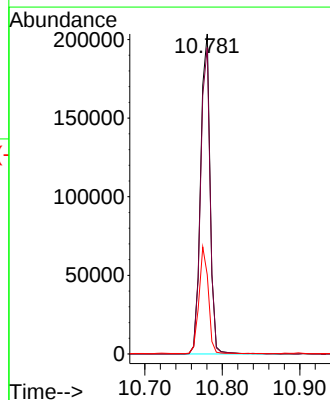
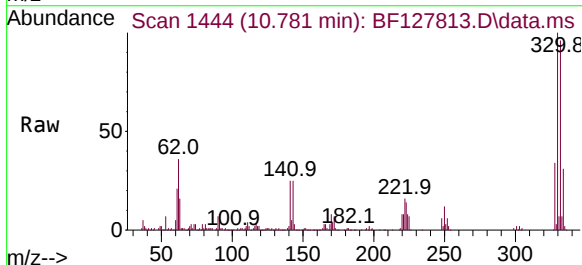
Tgt Ion:330 Resp: 172534

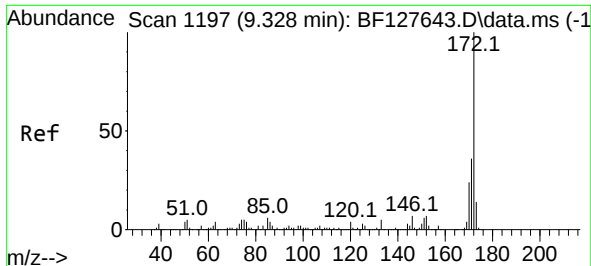
Ion Ratio Lower Upper

330 100

332 96.2 79.1 118.7

141 32.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 60.507 ng

RT: 9.304 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF127813.D

Acq: 15 Apr 2022 19:52

Instrument :

BNA_F

ClientSampleId :

BU-03-041422

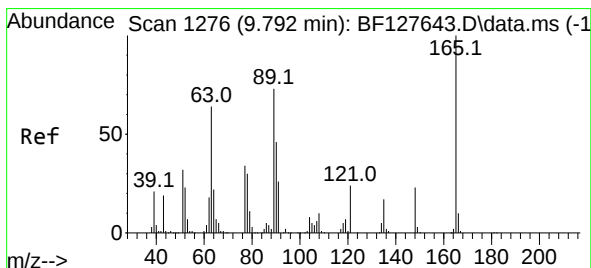
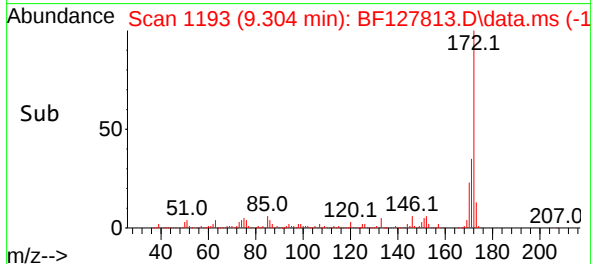
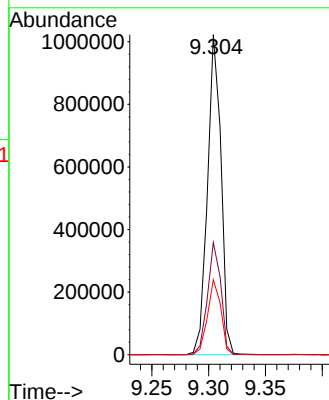
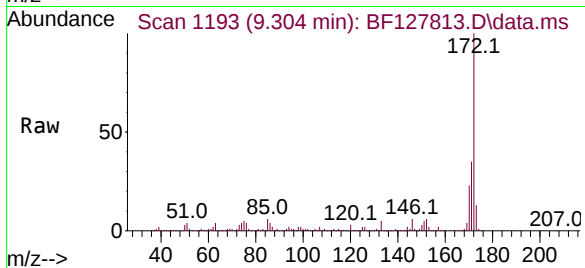
Tgt Ion:172 Resp: 843719

Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 10.010 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127813.D

Acq: 15 Apr 2022 19:52

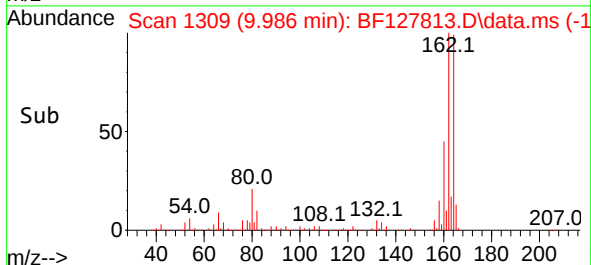
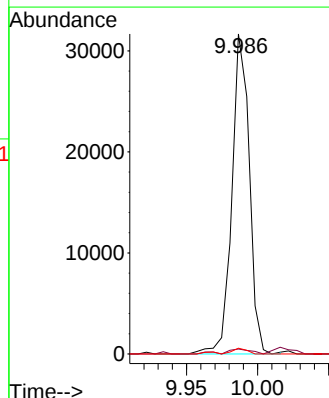
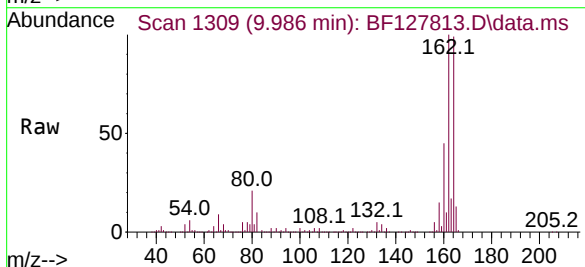
Tgt Ion:165 Resp: 26978

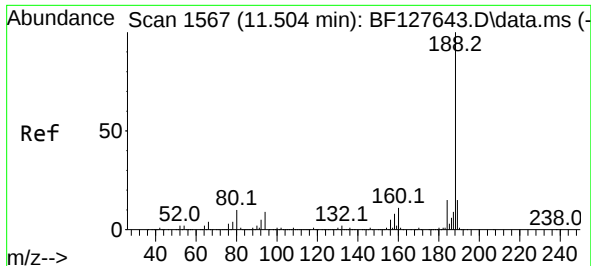
Ion Ratio Lower Upper

165 100

63 1.6 58.3 87.5#

89 1.8 51.5 77.3#

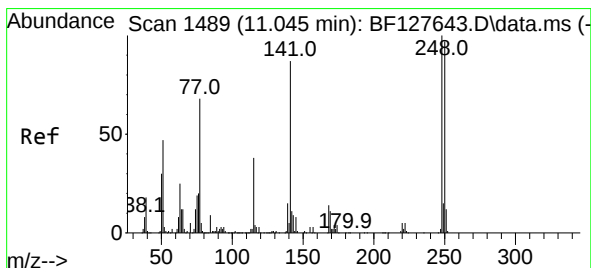
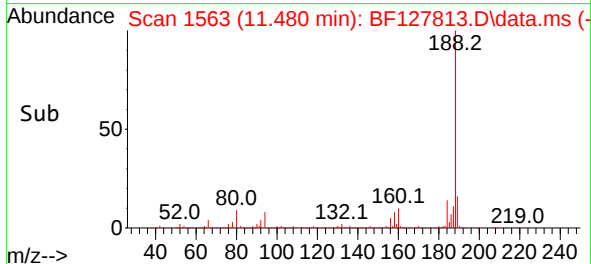
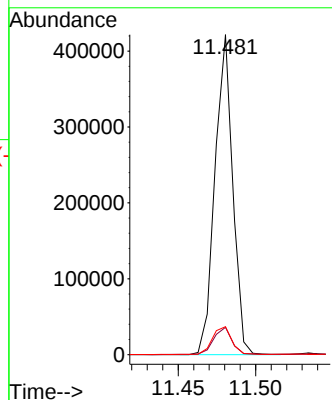
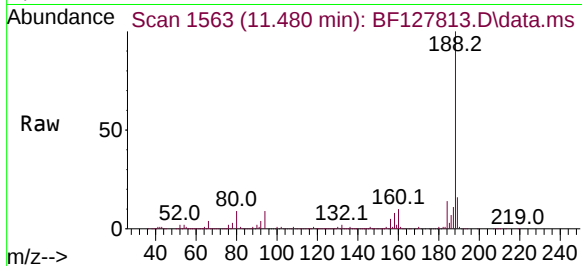




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

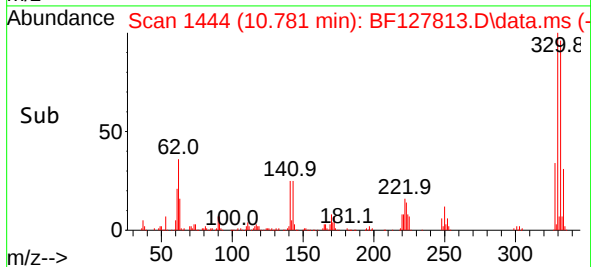
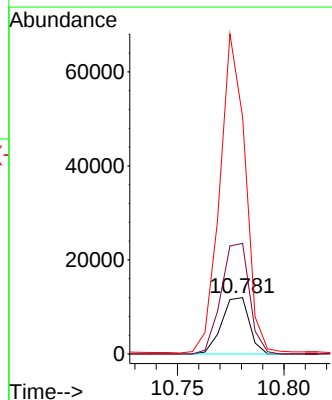
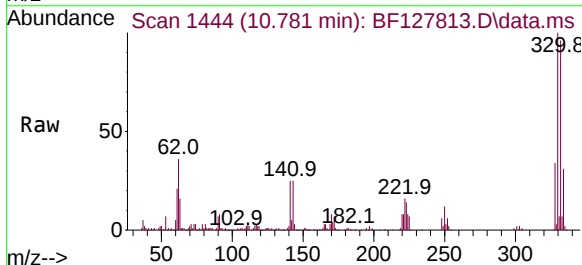
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

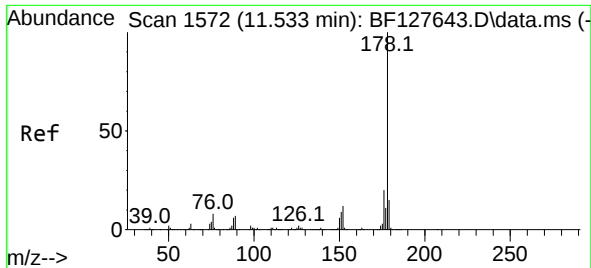
Tgt Ion:188 Resp: 336200
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.0
80 8.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 2.635 ng
RT: 10.781 min Scan# 1444
Delta R.T. -0.259 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:248 Resp: 10753
Ion Ratio Lower Upper
248 100
250 196.1 76.6 115.0#
141 419.8 52.2 78.2#

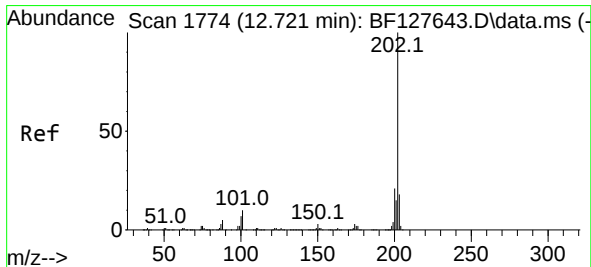
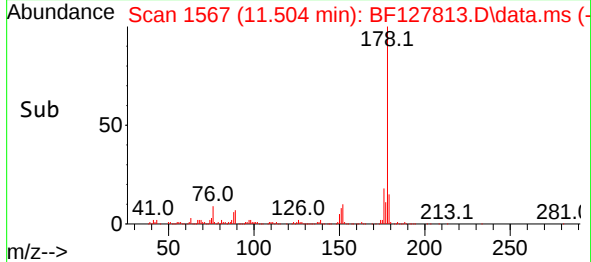
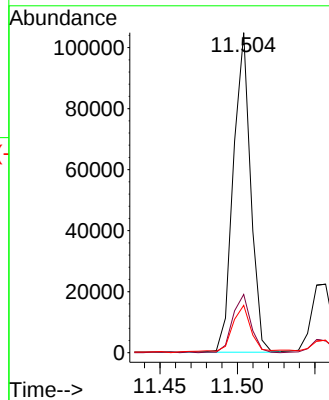
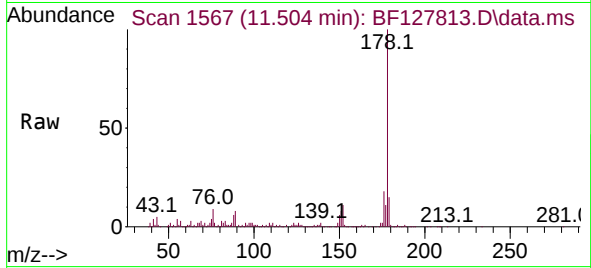




#71
Phenanthrene
Concen: 4.562 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

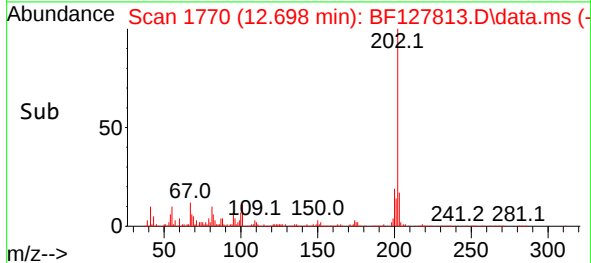
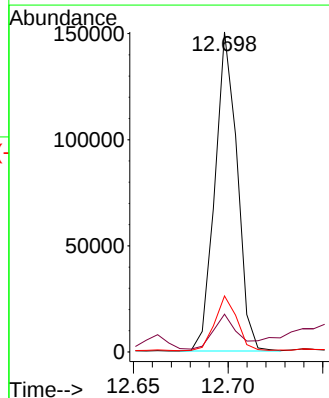
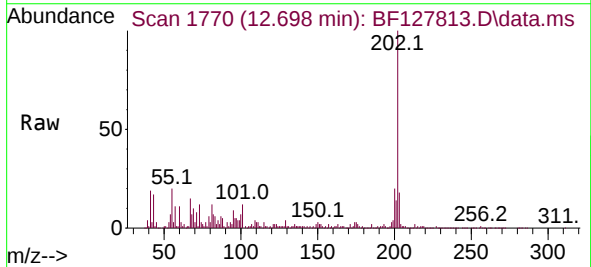
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

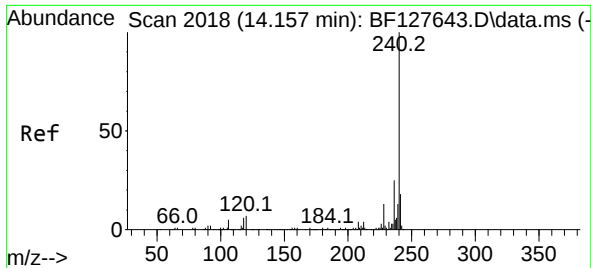
Tgt Ion:178 Resp: 81255
Ion Ratio Lower Upper
178 100
176 18.2 15.4 23.2
179 14.8 12.4 18.6



#75
Fluoranthene
Concen: 6.319 ng
RT: 12.698 min Scan# 1770
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:202 Resp: 122823
Ion Ratio Lower Upper
202 100
101 11.8 0.0 29.0
203 17.5 0.0 37.7

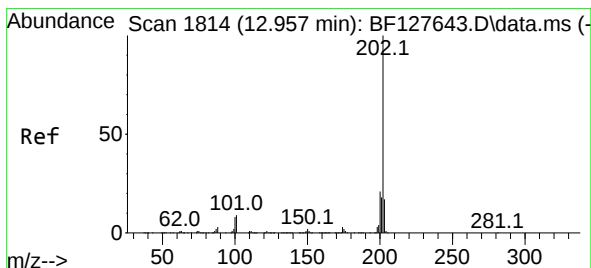
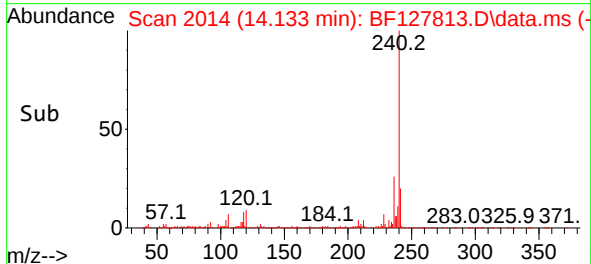
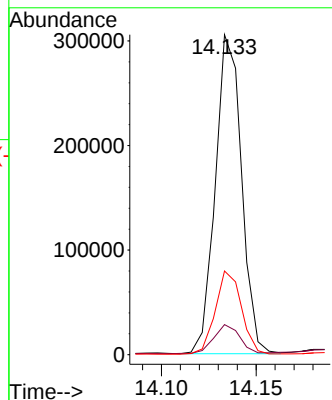
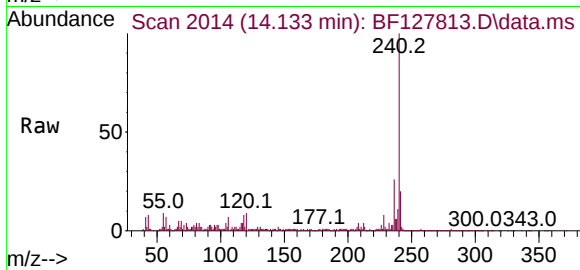




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

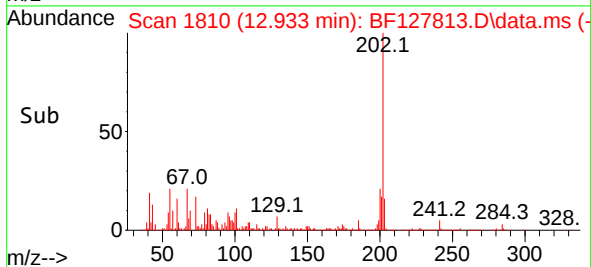
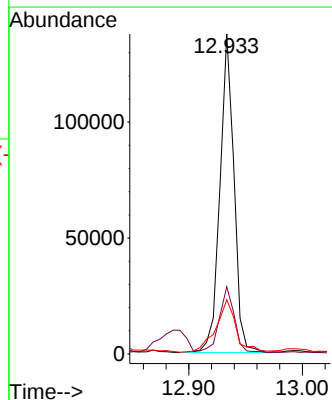
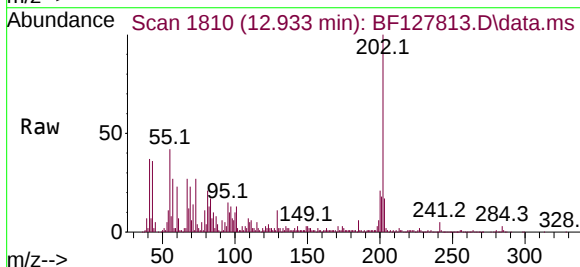
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

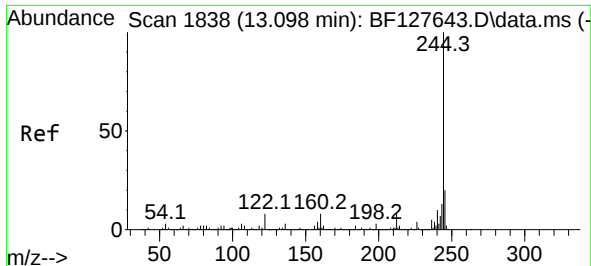
Tgt Ion:240 Resp: 293875
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 26.1 20.7 31.1



#78
Pyrene
Concen: 4.778 ng
RT: 12.933 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:202 Resp: 118576
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 16.9 14.3 21.5

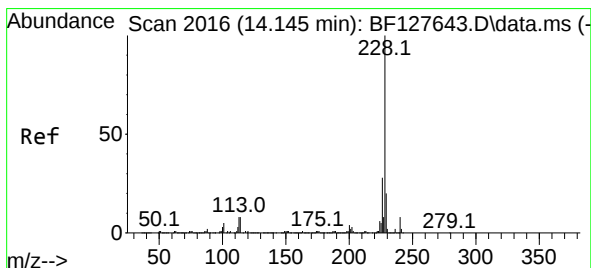
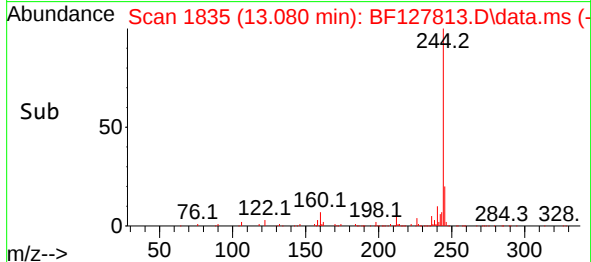
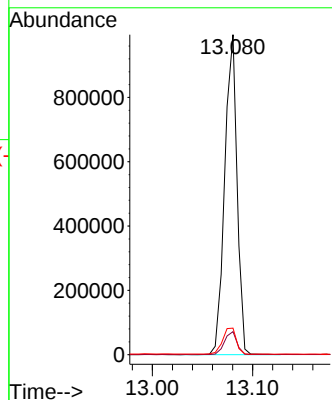
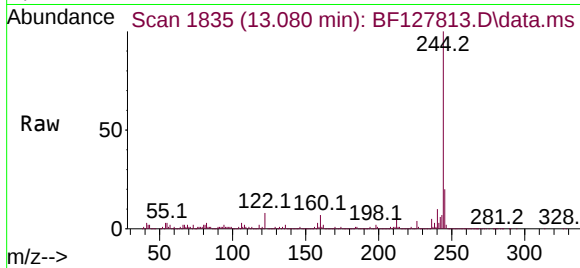




#79
 Terphenyl-d14
 Concen: 47.677 ng
 RT: 13.080 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127813.D
 Acq: 15 Apr 2022 19:52

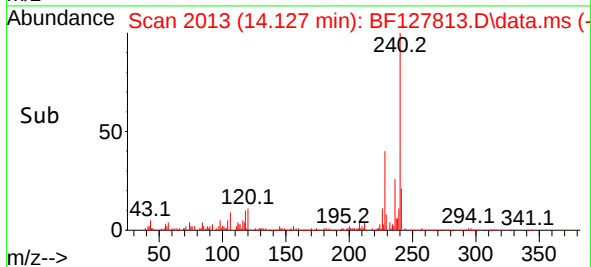
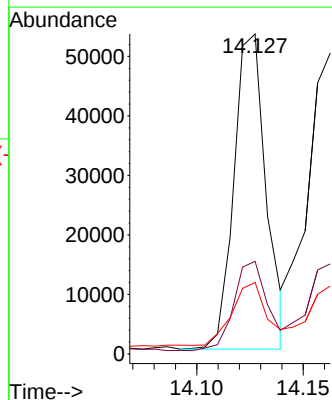
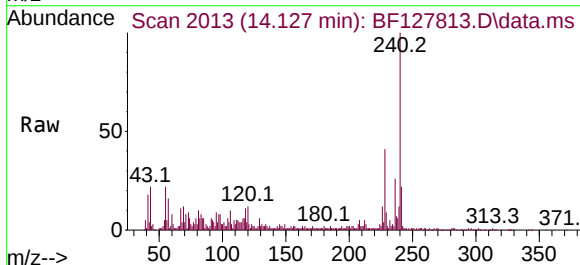
Instrument :
 BNA_F
 ClientSampleId :
 BU-03-041422

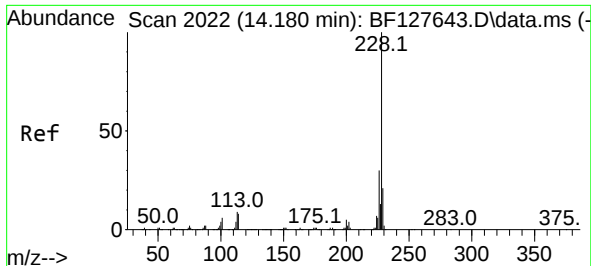
Tgt Ion:244 Resp: 848849
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 8.3 6.2 9.2



#81
 Benzo(a)anthracene
 Concen: 2.841 ng
 RT: 14.127 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF127813.D
 Acq: 15 Apr 2022 19:52

Tgt Ion:228 Resp: 55765
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.6 32.4
 229 22.4 15.4 23.2

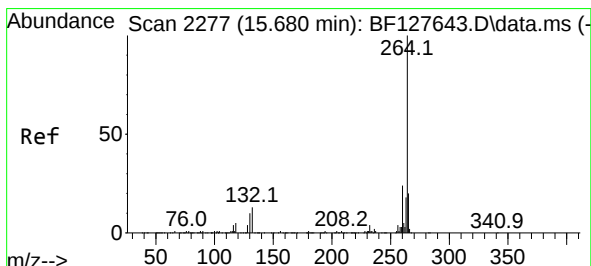
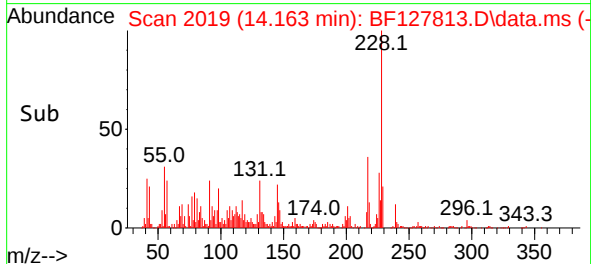
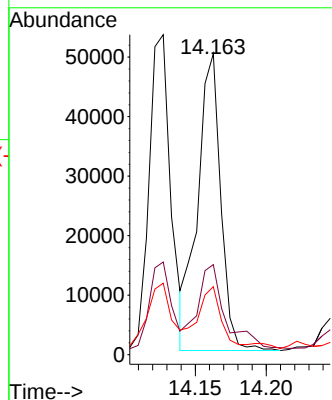
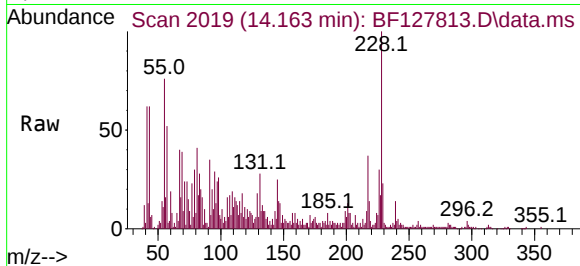




#83
Chrysene
Concen: 3.009 ng
RT: 14.163 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

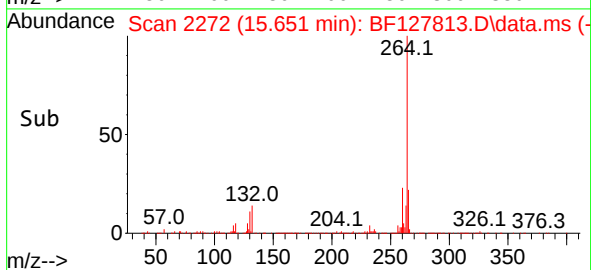
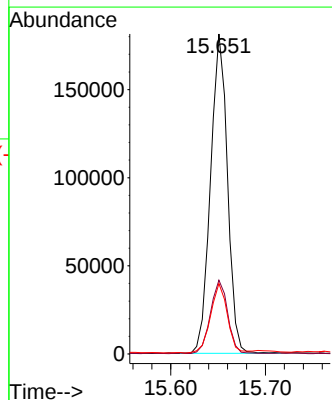
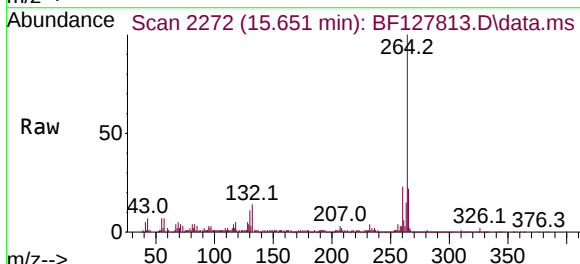
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

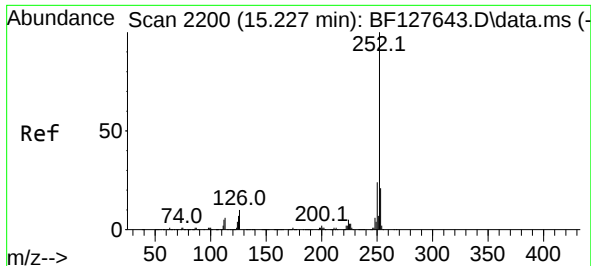
Tgt Ion:228	Resp: 56685
Ion Ratio	Lower Upper
228	100
226	29.9 24.2 36.4
229	22.6 15.4 23.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Tgt Ion:264	Resp: 225278
Ion Ratio	Lower Upper
264	100
260	23.0 19.1 28.7
265	22.0 17.4 26.2

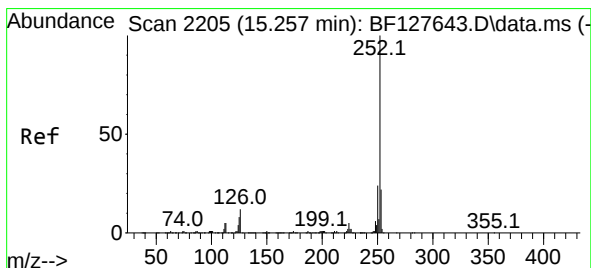
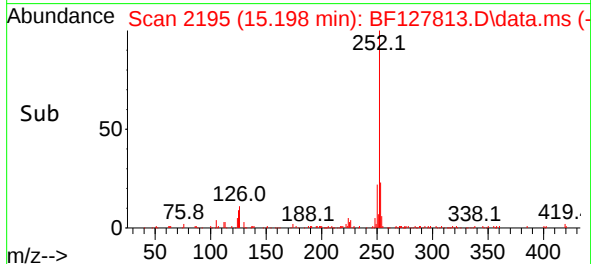
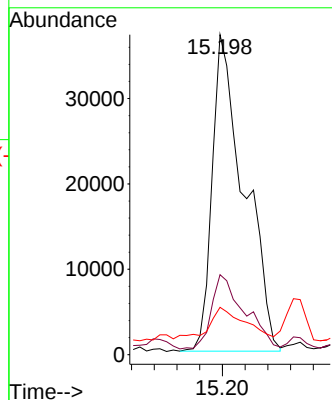
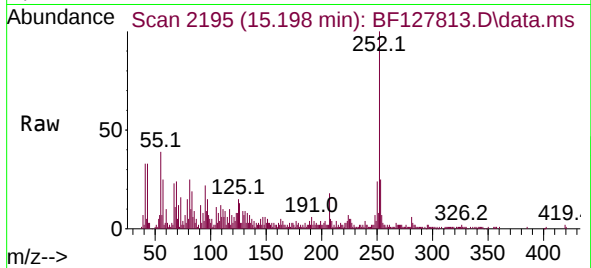




#88
Benzo(b)fluoranthene
Concen: 5.014 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

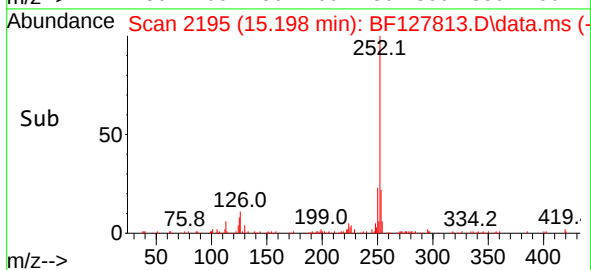
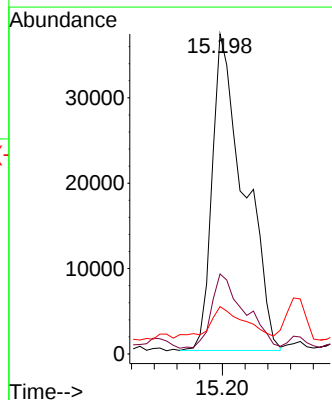
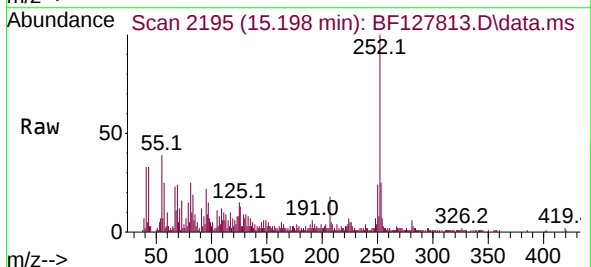
Instrument :
BNA_F
ClientSampleId :
BU-03-041422

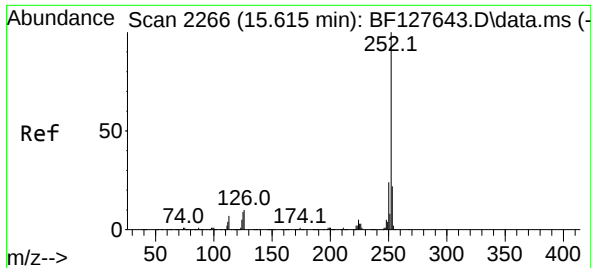
Tgt Ion:252 Resp: 72659
Ion Ratio Lower Upper
252 100
253 25.0 17.9 26.9
125 14.8 7.0 10.4#



#89
Benzo(k)fluoranthene
Concen: 5.055 ng
RT: 15.198 min Scan# 2195
Delta R.T. -0.041 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

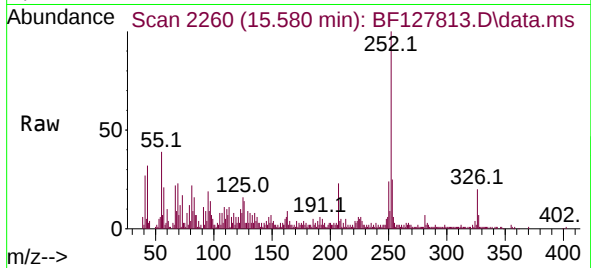
Tgt Ion:252 Resp: 72659
Ion Ratio Lower Upper
252 100
253 25.0 17.3 25.9
125 14.8 6.9 10.3#





#90
Benzo(a)pyrene
Concen: 3.299 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF127813.D
Acq: 15 Apr 2022 19:52

Instrument :
BNA_F
ClientSampleId :
BU-03-041422



Tgt Ion:252 Resp: 38864
Ion Ratio Lower Upper
252 100
253 24.8 17.0 25.6
125 15.6 6.7 10.1#

