

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128079.D
 Acq On : 04 May 2022 18:49
 Operator : CG\JU
 Sample : N2659-02RE
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-BRE

Quant Time: May 05 06:06:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

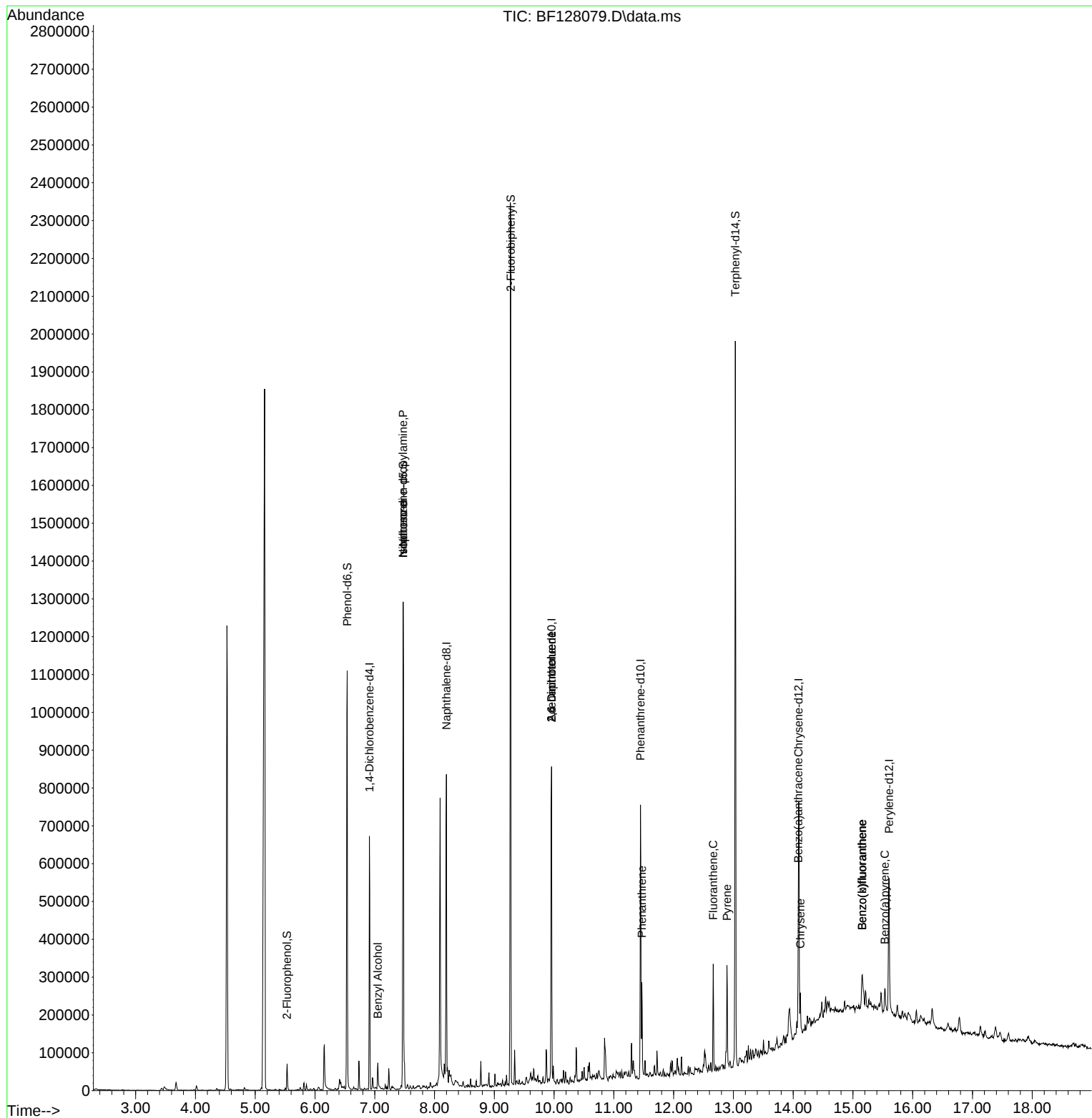
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	86526	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	326902	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	171345	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	255796	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	201288	20.000	ng	-0.01
86) Perylene-d12	15.604	264	154247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	17229	3.172	ng	0.00
7) Phenol-d6	6.539	99	348675	49.465	ng	-0.01
23) Nitrobenzene-d5	7.475	82	429316	61.756	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	477	0.277	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	720256	71.113	ng	0.00
79) Terphenyl-d14	13.033	244	598620	54.380	ng	-0.01
Target Compounds						Qvalue
15) Benzyl Alcohol	7.051	79	14955	3.120	ng	98
19) n-Nitroso-di-n-propyla...	7.475	70	62413	14.464	ng	# 82
25) Isophorone	7.475	82	428441	36.618	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	22542	9.060	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	22542	6.840	ng	# 27
71) Phenanthrene	11.468	178	83813	6.259	ng	98
75) Fluoranthene	12.663	202	98991	7.025	ng	96
78) Pyrene	12.892	202	91578	5.636	ng	98
81) Benzo(a)anthracene	14.086	228	44996	3.354	ng	95
83) Chrysene	14.121	228	44054	3.438	ng	98
88) Benzo(b)fluoranthene	15.156	252	62292	6.430	ng	# 94
89) Benzo(k)fluoranthene	15.156	252	62292	6.382	ng	# 92
90) Benzo(a)pyrene	15.533	252	28777	3.581	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
Data File : BF128079.D
Acq On : 04 May 2022 18:49
Operator : CG\JU
Sample : N2659-02RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
22L097-BRE

Quant Time: May 05 06:06:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 04:23:29 2022
Response via : Initial Calibration

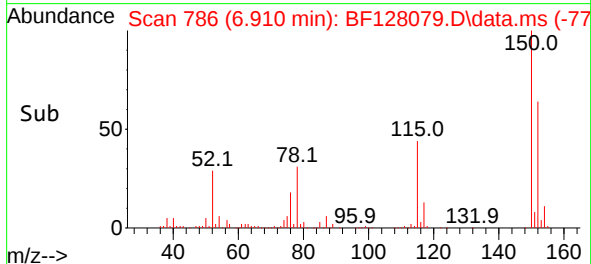
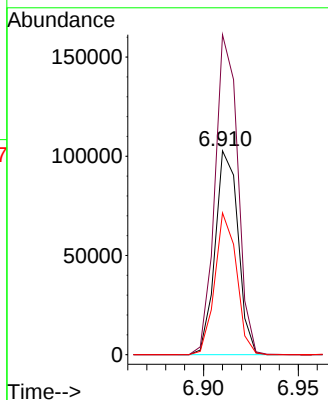
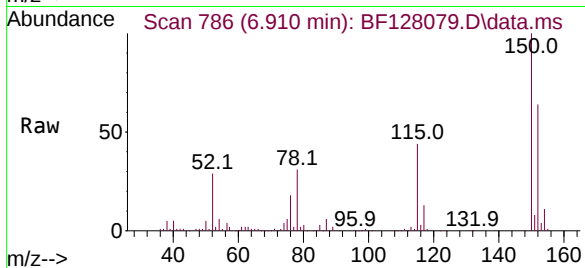




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

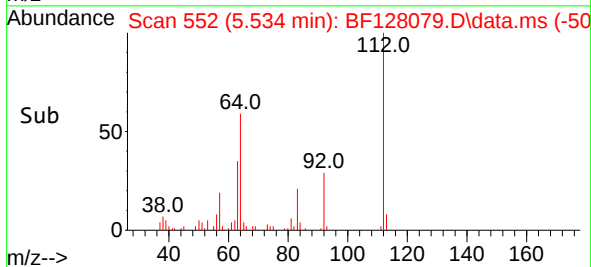
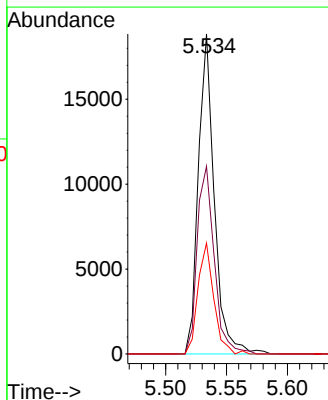
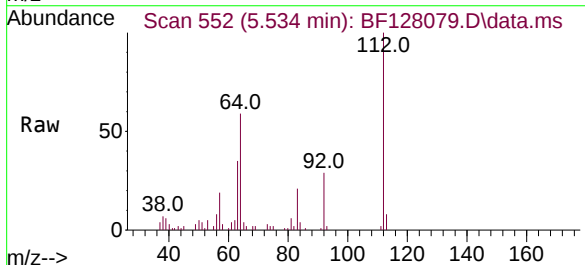
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

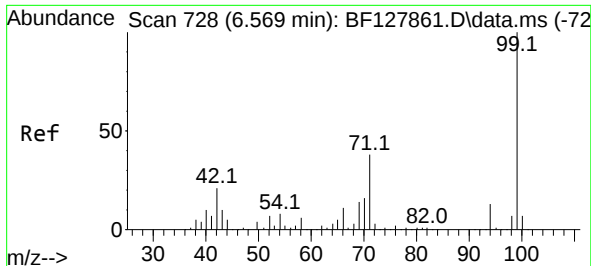
Tgt Ion:152 Resp: 86526
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 69.5 48.8 73.2



#5
2-Fluorophenol
Concen: 3.172 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:112 Resp: 17229
Ion Ratio Lower Upper
112 100
64 58.7 49.5 74.3
63 34.7 26.3 39.5

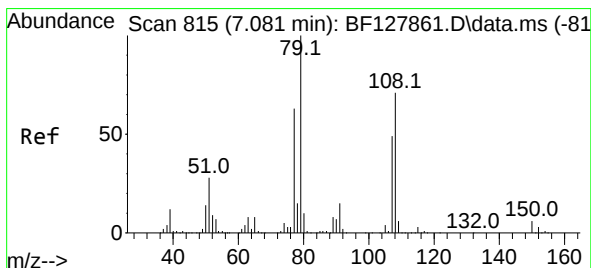
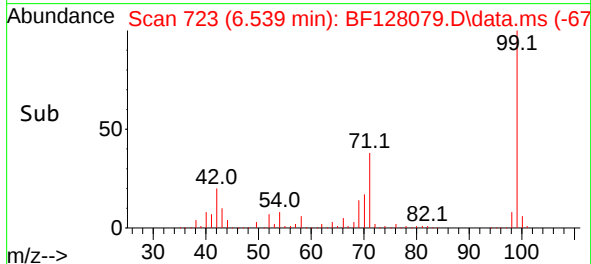
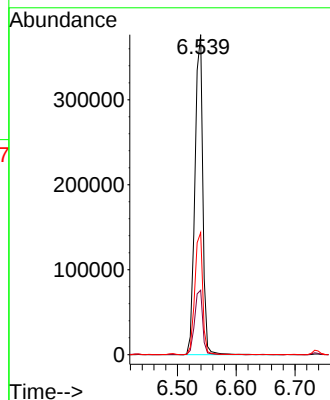
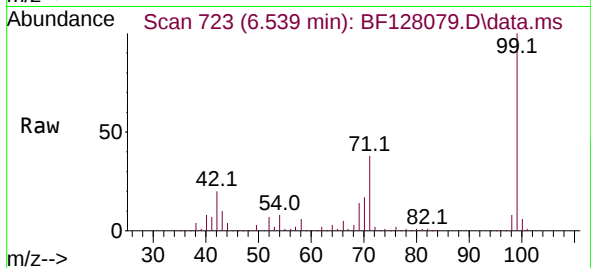




#7
Phenol-d6
Concen: 49.465 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

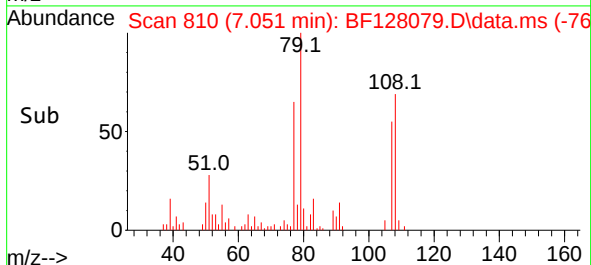
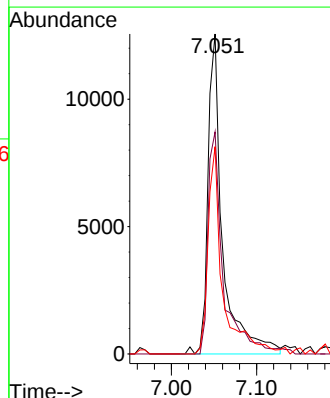
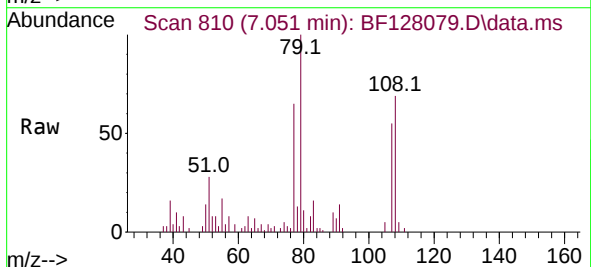
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

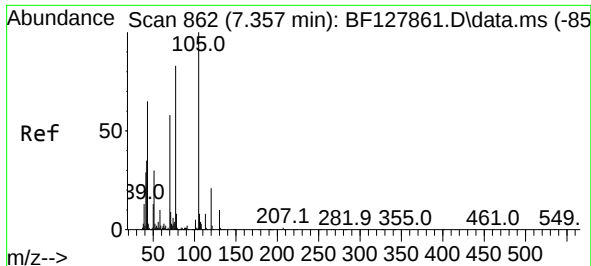
Tgt Ion: 99 Resp: 348675
Ion Ratio Lower Upper
99 100
42 20.1 16.6 24.8
71 38.2 30.0 45.0



#15
Benzyl Alcohol
Concen: 3.120 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion: 79 Resp: 14955
Ion Ratio Lower Upper
79 100
108 69.4 57.0 85.6
77 64.8 50.2 75.4

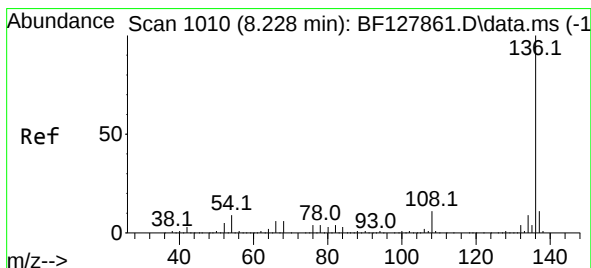
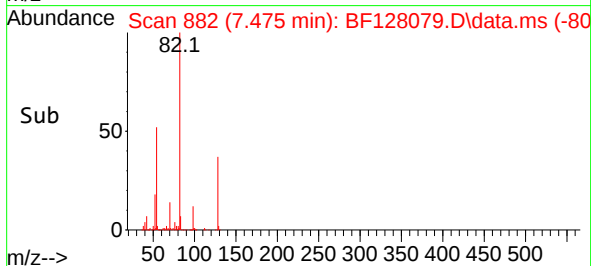
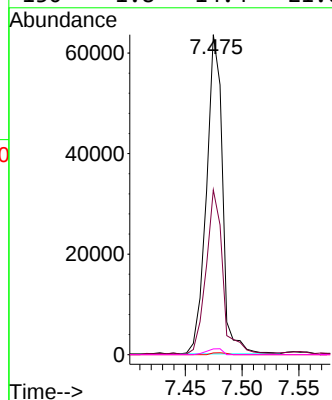
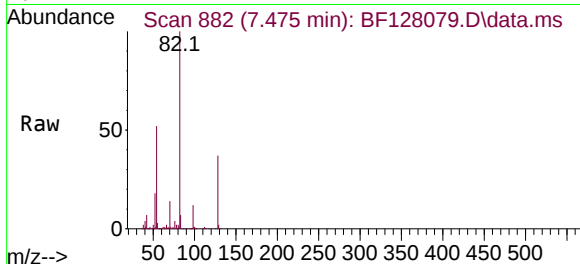




#19
n-Nitroso-di-n-propylamine
Concen: 14.464 ng
RT: 7.475 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

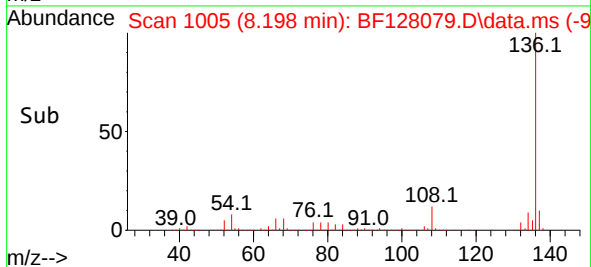
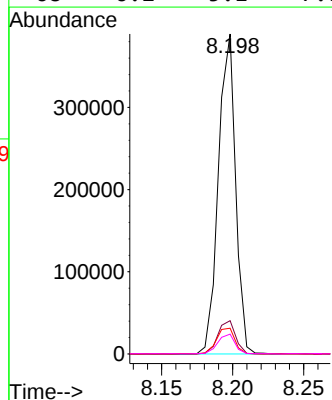
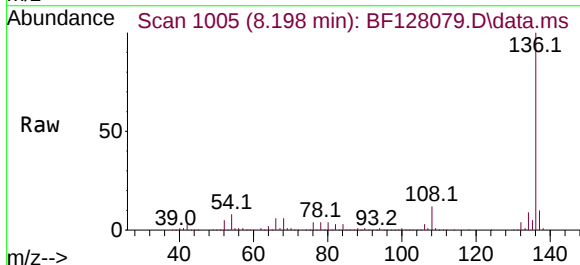
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

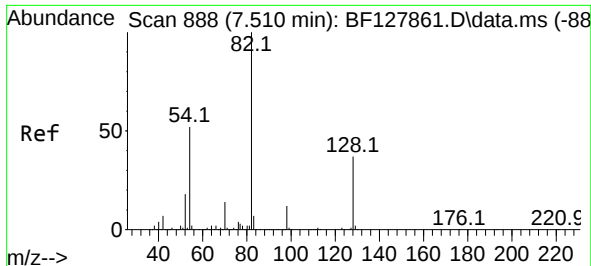
Tgt Ion:	70	Resp:	62413
Ion	Ratio	Lower	Upper
70	100		
42	51.5	48.7	73.1
101	0.5	7.2	10.8#
130	1.8	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:	136	Resp:	326902
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.1	6.8	10.2
68	6.2	5.1	7.7





#23

Nitrobenzene-d5

Concen: 61.756 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

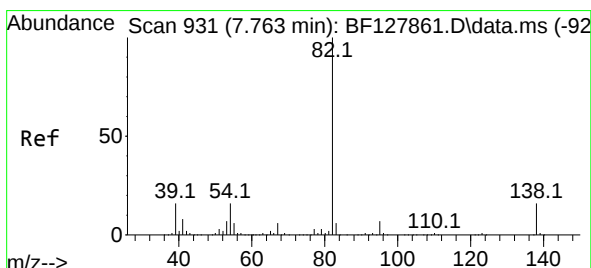
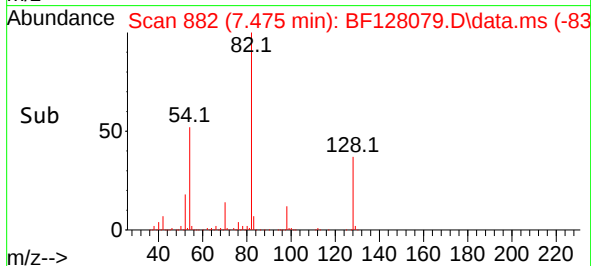
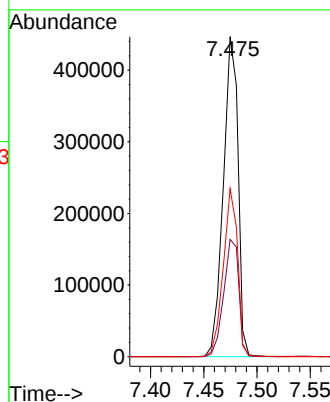
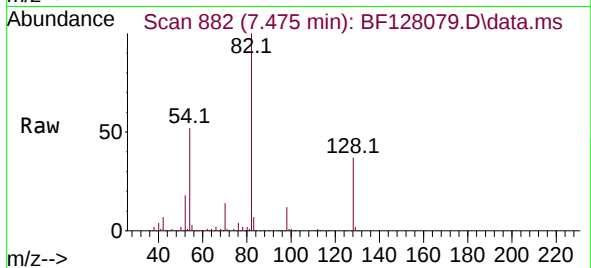
Tgt Ion: 82 Resp: 429316

Ion Ratio Lower Upper

82 100

128 36.6 30.0 45.0

54 52.5 41.3 61.9



#25

Isophorone

Concen: 36.618 ng

RT: 7.475 min Scan# 882

Delta R.T. -0.265 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

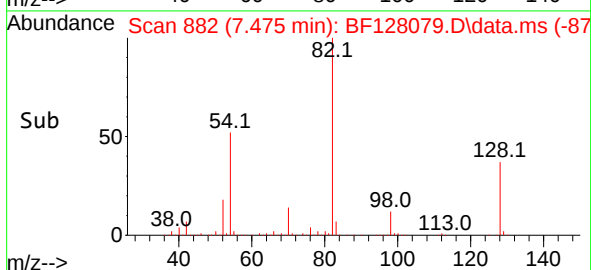
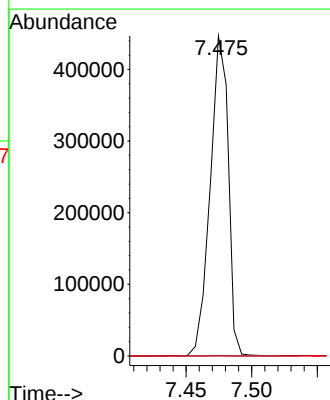
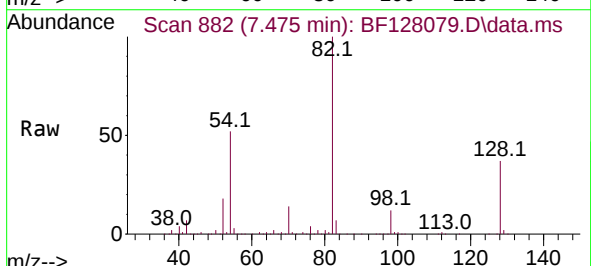
Tgt Ion: 82 Resp: 428441

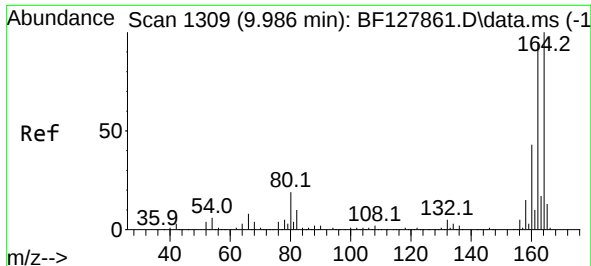
Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.957 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

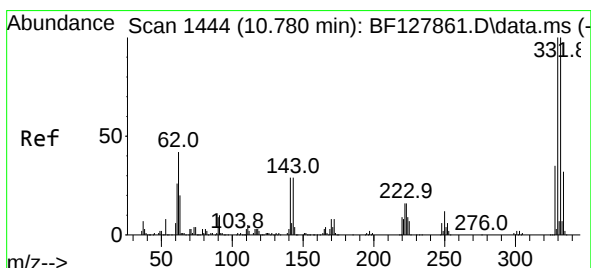
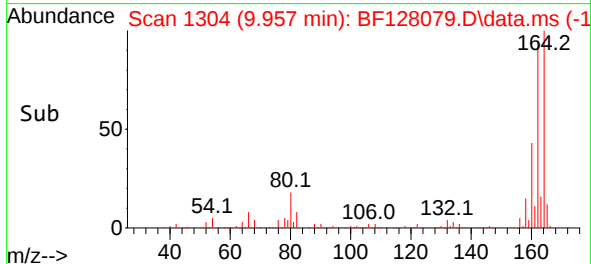
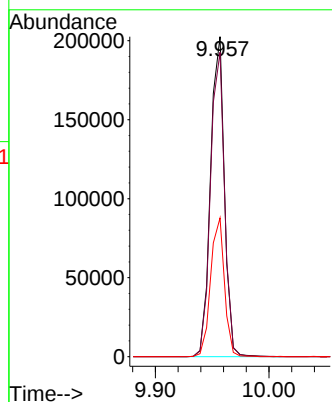
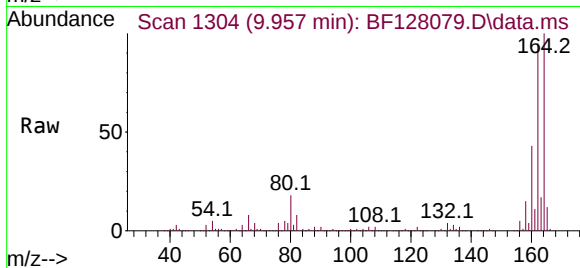
Tgt Ion:164 Resp: 171345

Ion Ratio Lower Upper

164 100

162 95.1 76.0 114.0

160 43.3 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.277 ng

RT: 10.745 min Scan# 1438

Delta R.T. -0.012 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

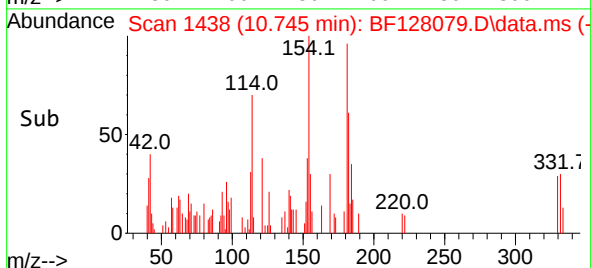
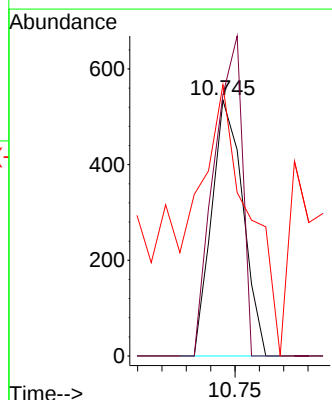
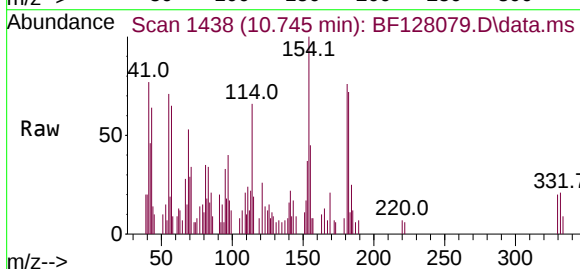
Tgt Ion:330 Resp: 477

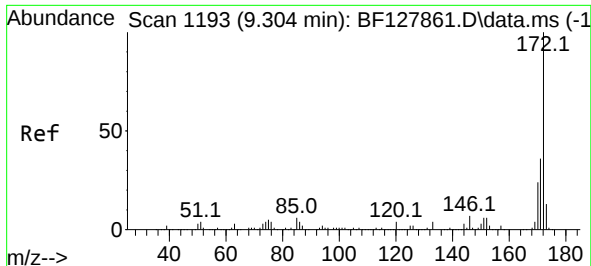
Ion Ratio Lower Upper

330 100

332 112.8 79.0 118.4

141 161.8 28.9 43.3#





#45

2-Fluorobiphenyl

Concen: 71.113 ng

RT: 9.275 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

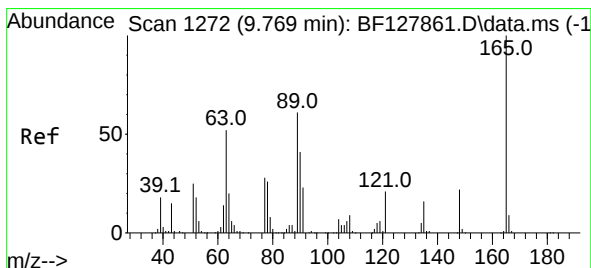
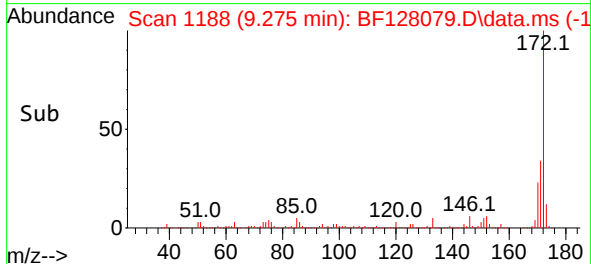
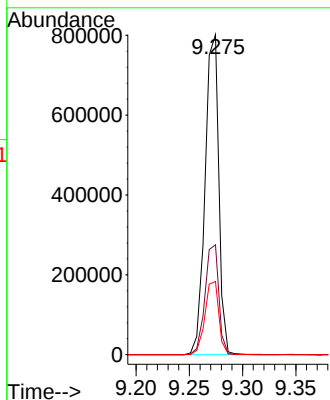
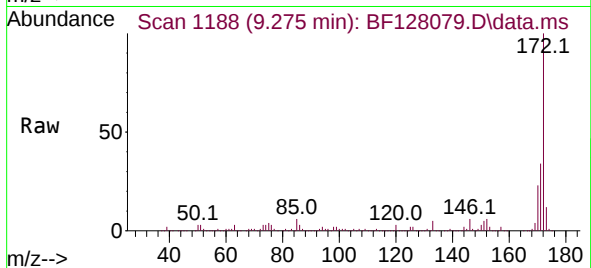
Tgt Ion:172 Resp: 720256

Ion Ratio Lower Upper

172 100

171 34.3 28.6 42.8

170 22.9 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.060 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.206 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

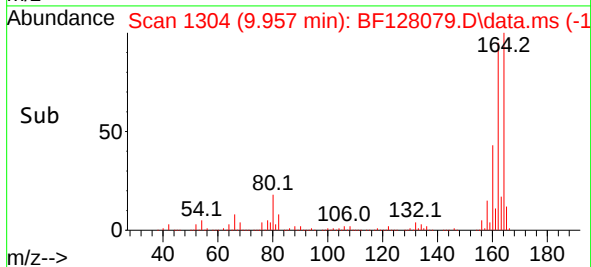
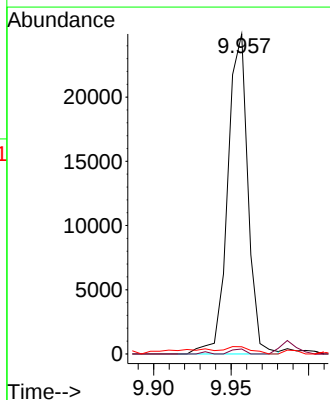
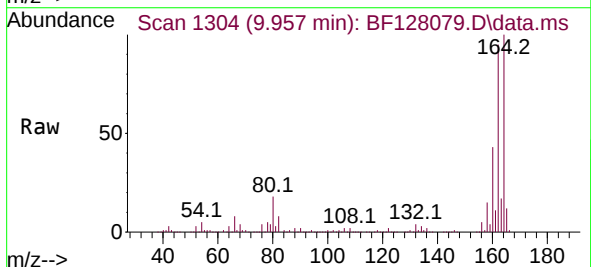
Tgt Ion:165 Resp: 22542

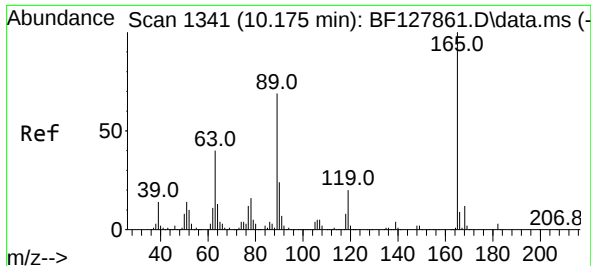
Ion Ratio Lower Upper

165 100

63 1.6 49.5 74.3#

89 2.2 49.0 73.4#

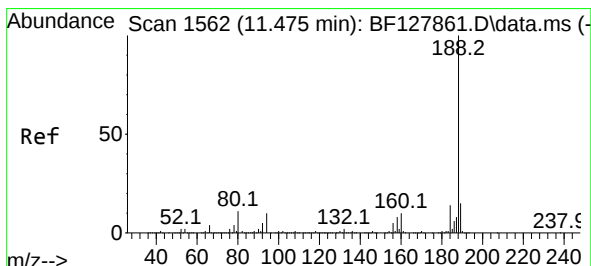
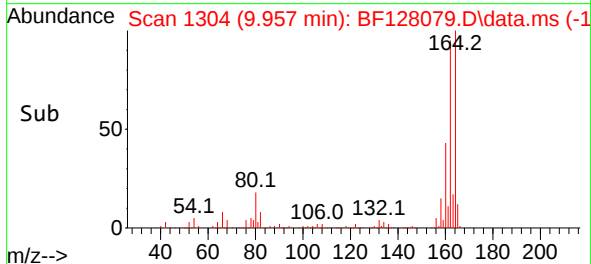
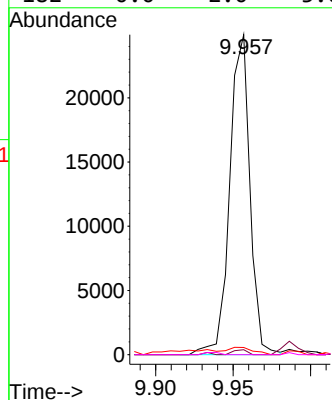
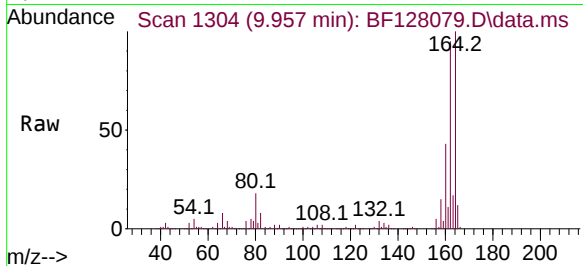




#57
2,4-Dinitrotoluene
Concen: 6.840 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

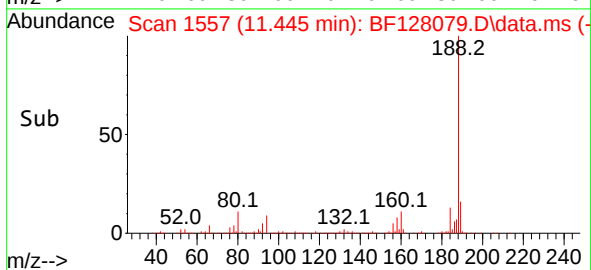
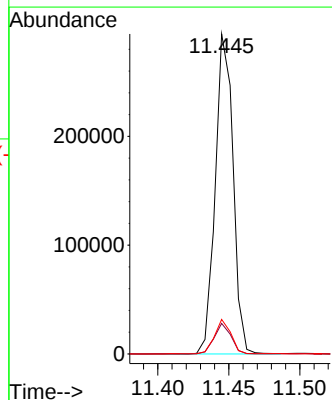
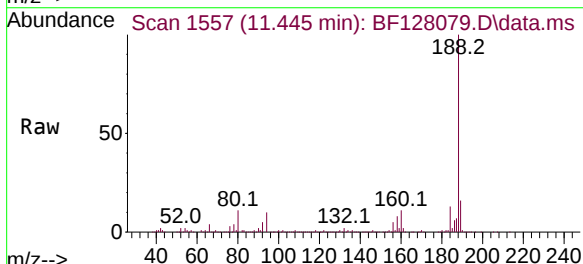
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

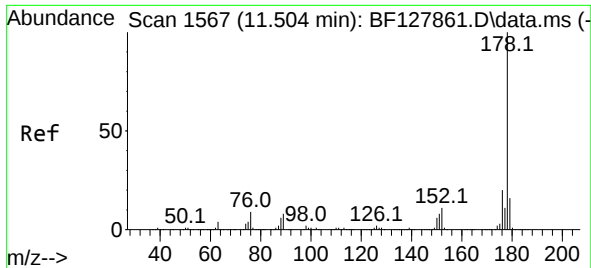
Tgt Ion:165	Resp:	22542
Ion Ratio	Lower	Upper
165	100	
63	1.6	32.6 49.0#
89	2.2	55.2 82.8#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:188	Resp:	255796
Ion Ratio	Lower	Upper
188	100	
94	9.5	8.0 12.0
80	10.8	8.9 13.3

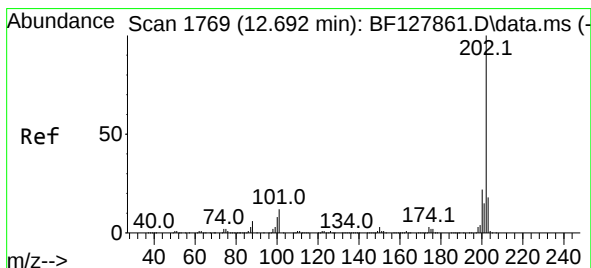
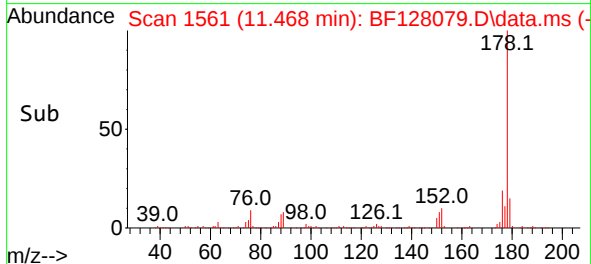
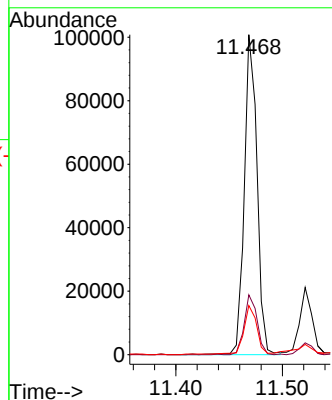
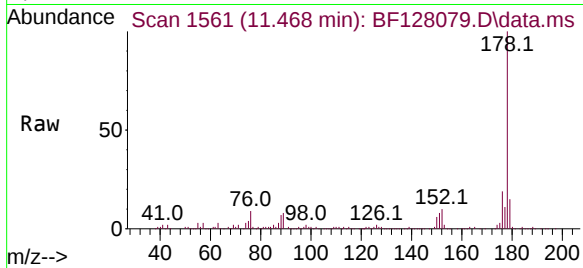




#71
Phenanthrene
Concen: 6.259 ng
RT: 11.468 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

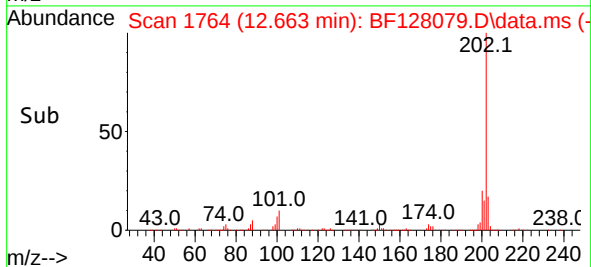
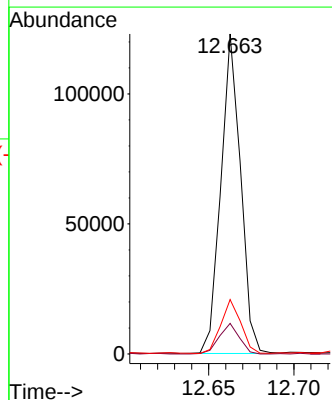
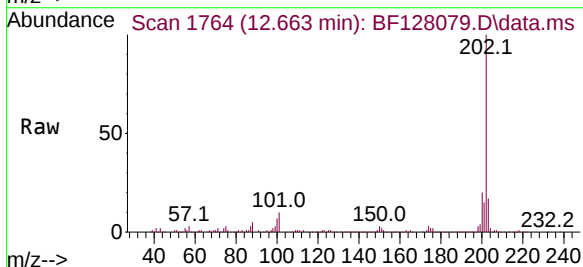
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

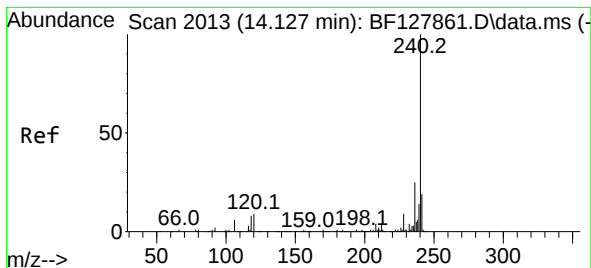
Tgt Ion:178 Resp: 83813
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 7.025 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:202 Resp: 98991
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.6
203 17.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2013

Delta R.T. -0.012 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

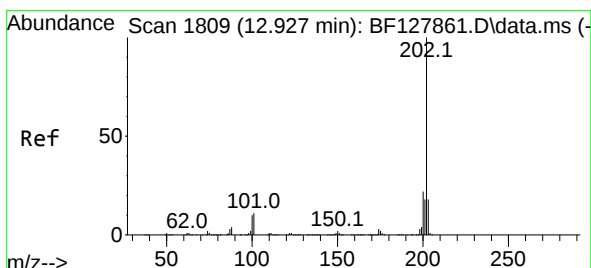
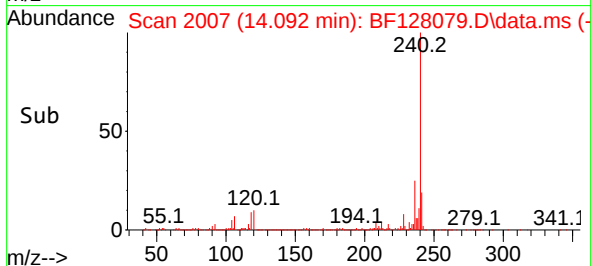
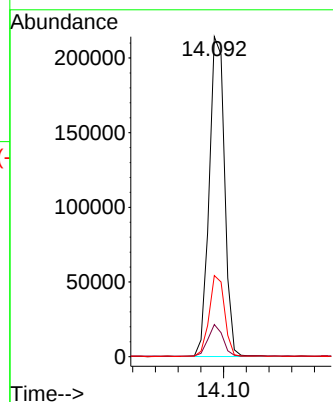
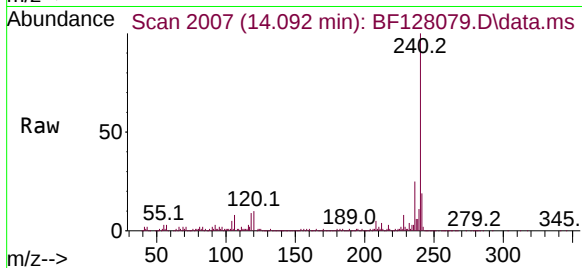
Tgt Ion:240 Resp: 201288

Ion Ratio Lower Upper

240 100

120 10.1 7.0 10.6

236 25.3 20.3 30.5



#78

Pyrene

Concen: 5.636 ng

RT: 12.892 min Scan# 1803

Delta R.T. -0.012 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

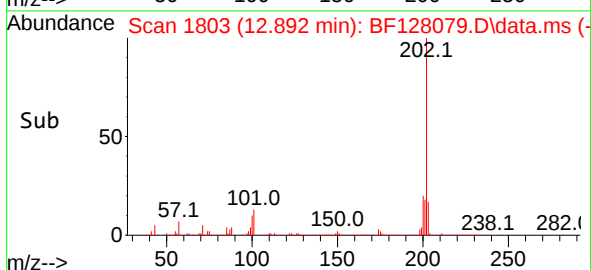
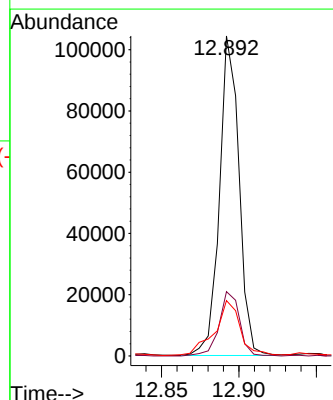
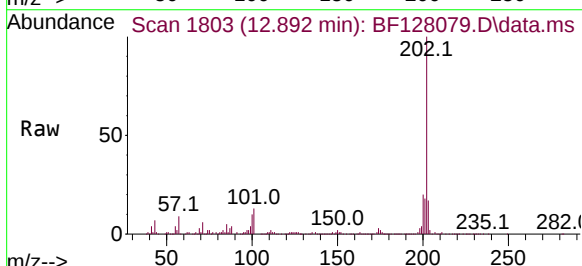
Tgt Ion:202 Resp: 91578

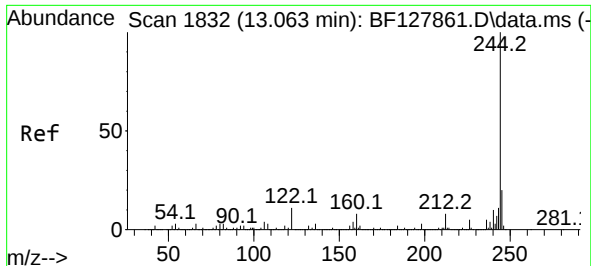
Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

203 17.3 14.0 21.0

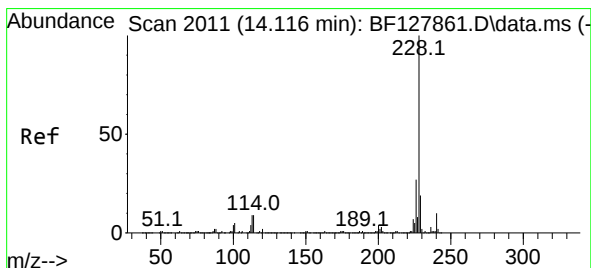
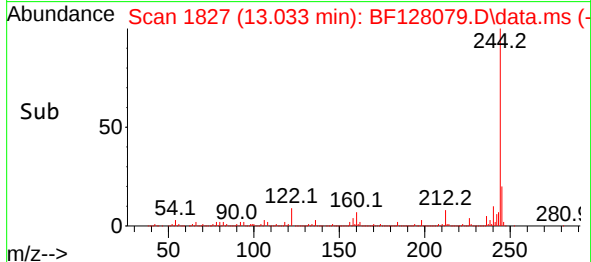
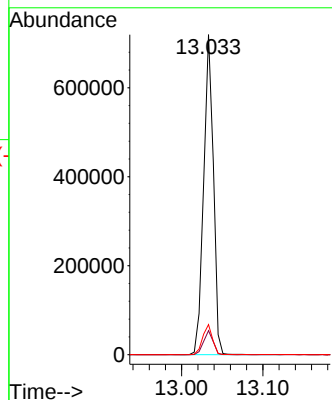
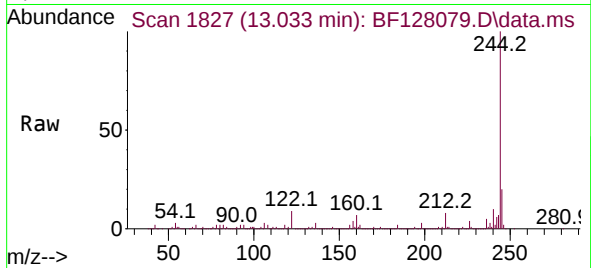




#79
 Terphenyl-d14
 Concen: 54.380 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128079.D
 Acq: 04 May 2022 18:49

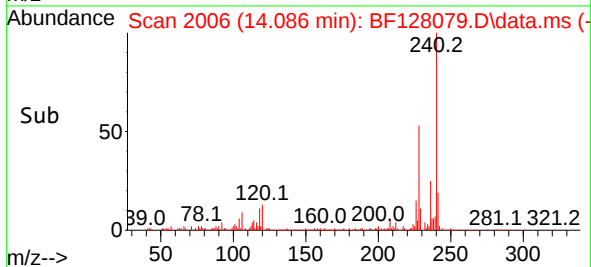
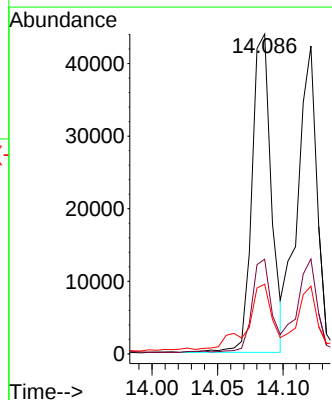
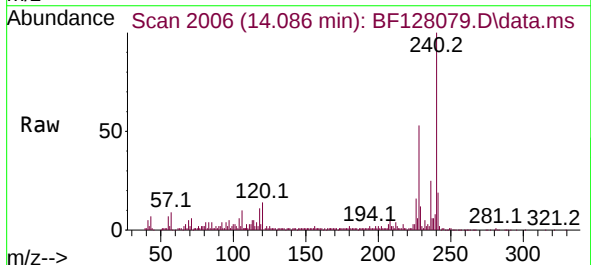
Instrument :
 BNA_F
 ClientSampleId :
 22L097-BRE

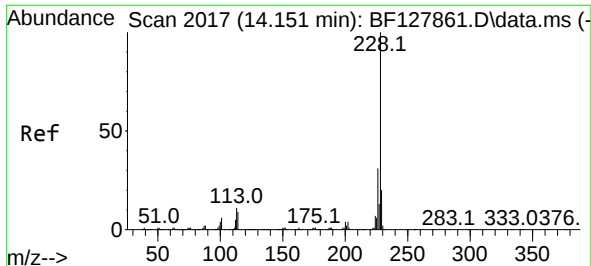
Tgt Ion:244 Resp: 598620
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.4 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 3.354 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128079.D
 Acq: 04 May 2022 18:49

Tgt Ion:228 Resp: 44996
 Ion Ratio Lower Upper
 228 100
 226 29.6 21.7 32.5
 229 21.8 15.4 23.2

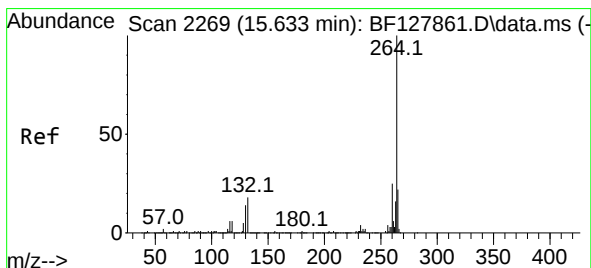
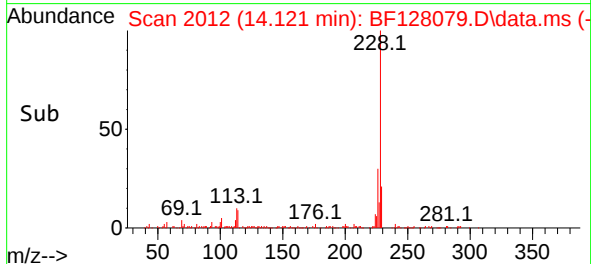
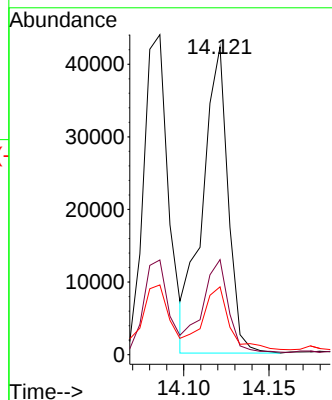
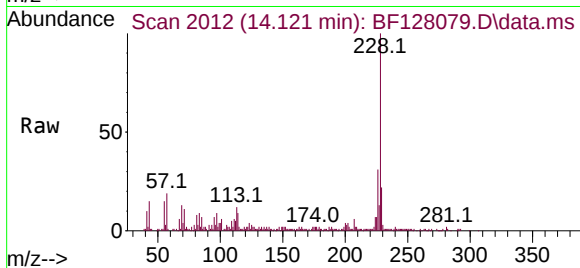




#83
Chrysene
Concen: 3.438 ng
RT: 14.121 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

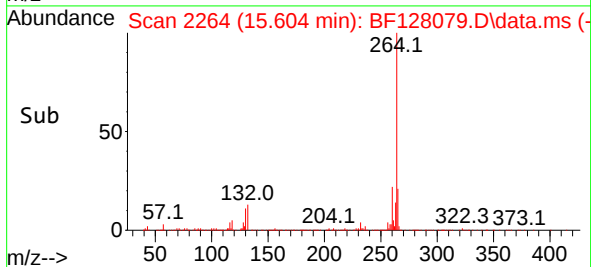
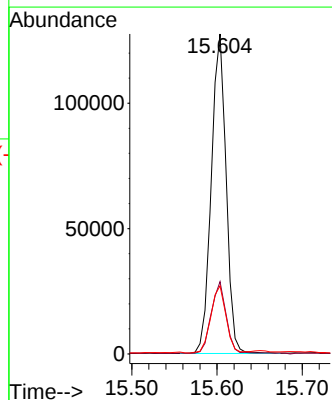
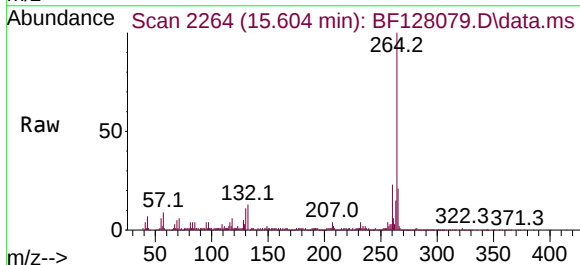
Instrument :
BNA_F
ClientSampleId :
22L097-BRE

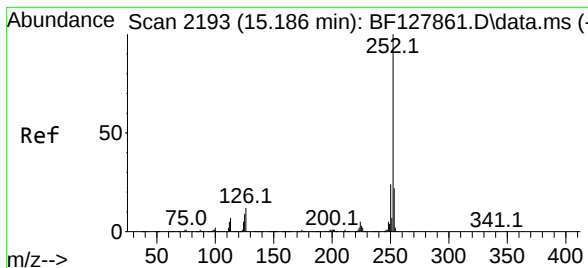
Tgt Ion:228 Resp: 44054
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 22.1 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 2264
Delta R.T. -0.006 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Tgt Ion:264 Resp: 154247
Ion Ratio Lower Upper
264 100
260 22.6 20.1 30.1
265 21.3 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 6.430 ng

RT: 15.156 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

22L097-BRE

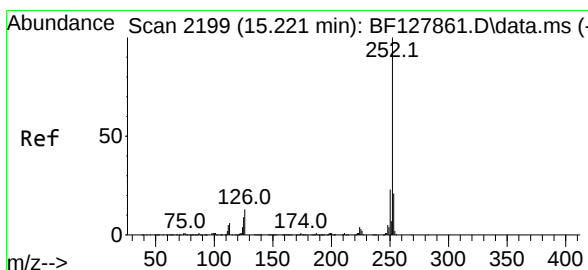
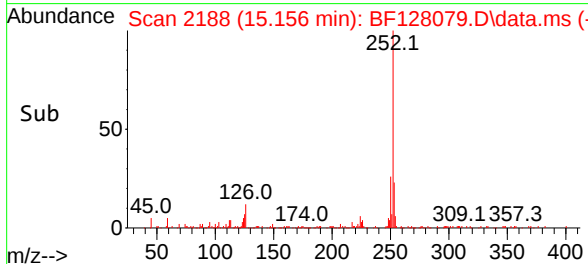
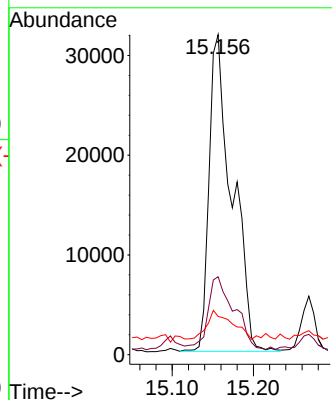
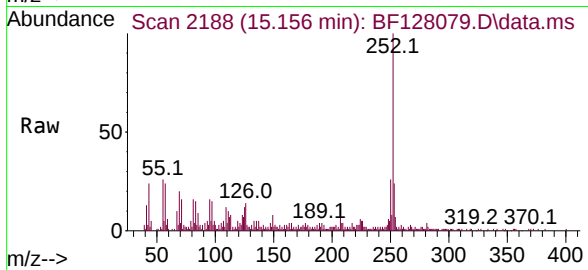
Tgt Ion:252 Resp: 62292

Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 11.9 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 6.382 ng

RT: 15.156 min Scan# 2188

Delta R.T. -0.041 min

Lab File: BF128079.D

Acq: 04 May 2022 18:49

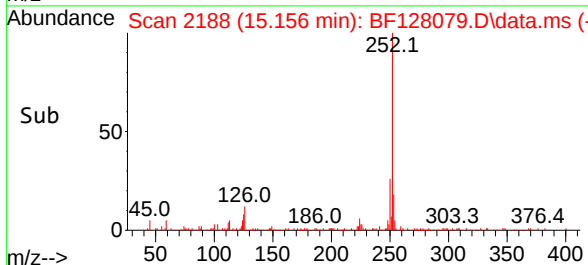
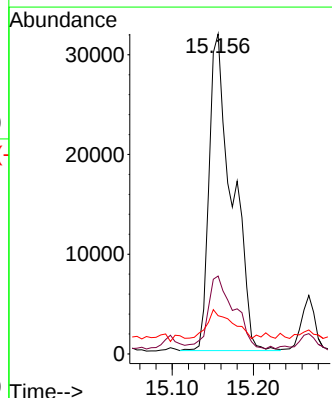
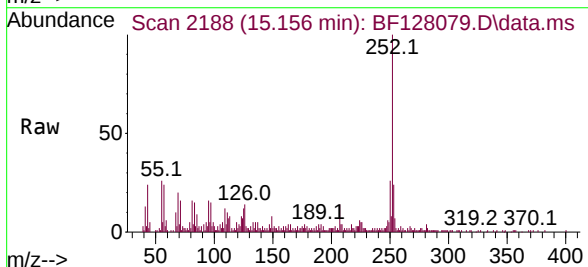
Tgt Ion:252 Resp: 62292

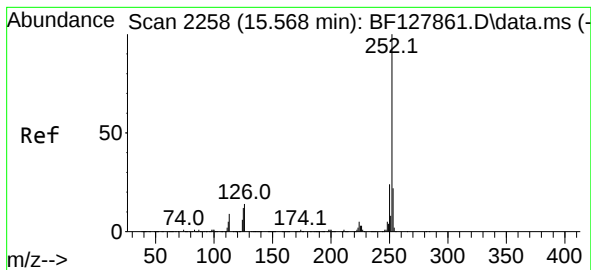
Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

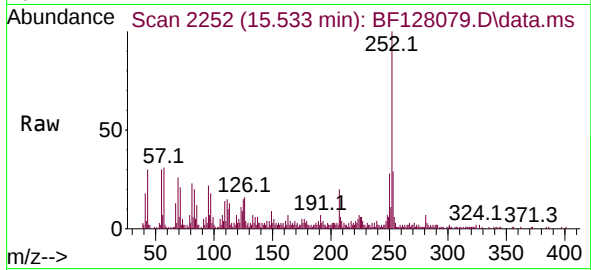
125 11.9 6.8 10.2#





#90
Benzo(a)pyrene
Concen: 3.581 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF128079.D
Acq: 04 May 2022 18:49

Instrument :
BNA_F
ClientSampleId :
22L097-BRE



Tgt Ion:252 Resp: 28777
Ion Ratio Lower Upper
252 100
253 28.7 17.8 26.6#
125 15.4 9.2 13.8#

