

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128881.D
 Acq On : 20 Jun 2022 17:21
 Operator : CG\JU
 Sample : N3373-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1S

Quant Time: Jun 21 01:16:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 00:40:09 2022
 Response via : Initial Calibration

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

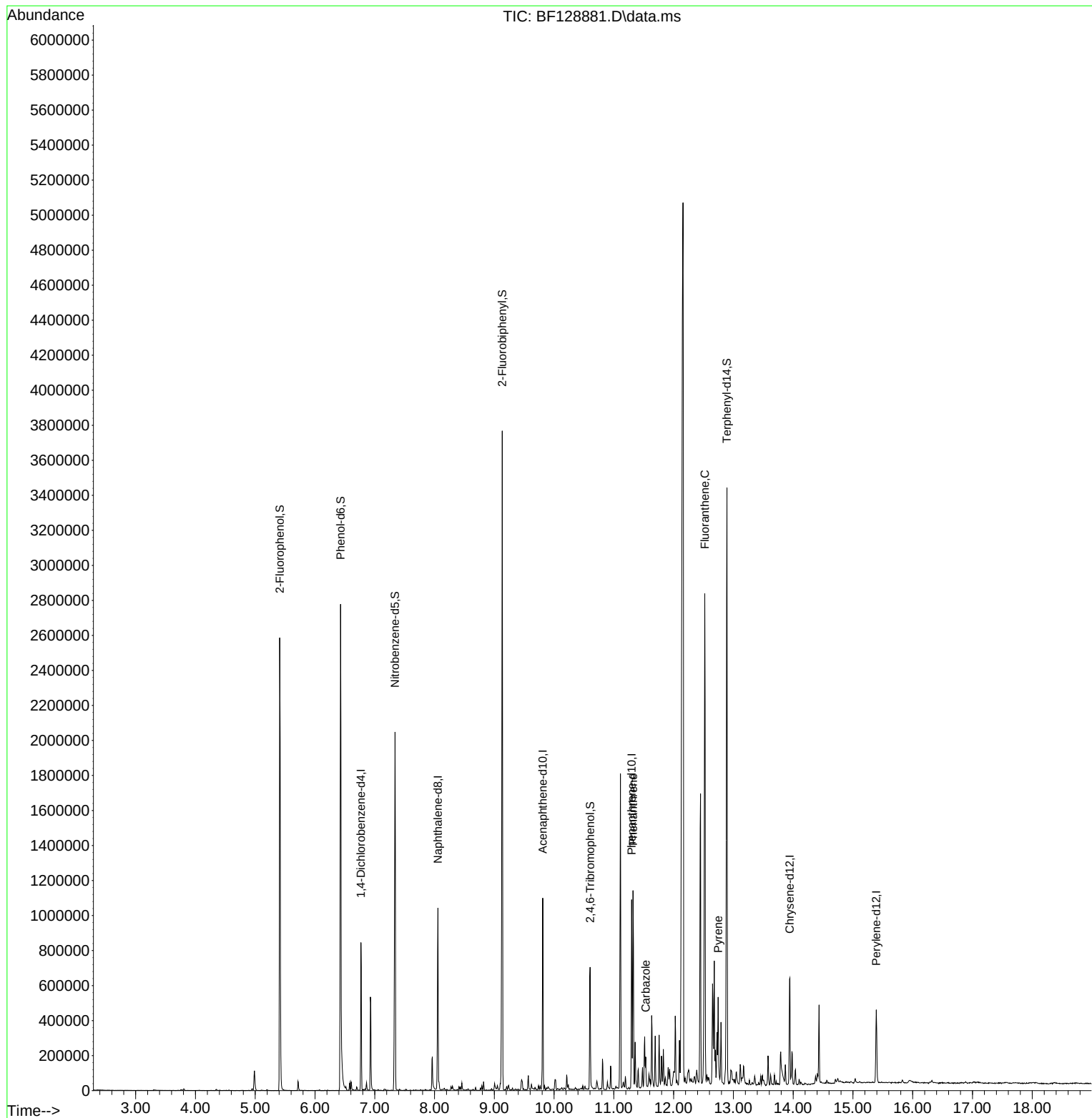
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	109898	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	420707	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	199841	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	363385	20.000	ng	0.00
76) Chrysene-d12	13.945	240	218346	20.000	ng	# 0.00
86) Perylene-d12	15.392	264	172670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	599428	86.879	ng	0.00
7) Phenol-d6	6.428	99	921328	109.394	ng	-0.01
23) Nitrobenzene-d5	7.339	82	673817	74.570	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	81780	34.635	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1119336	78.461	ng	0.00
79) Terphenyl-d14	12.892	244	1177536	93.710	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.322	178	381070	20.907	ng	98
73) Carbazole	11.533	167	52795	3.151	ng	99
75) Fluoranthene	12.522	202	1188347	62.373	ng	99
78) Pyrene	12.745	202	187272	11.528	ng	96

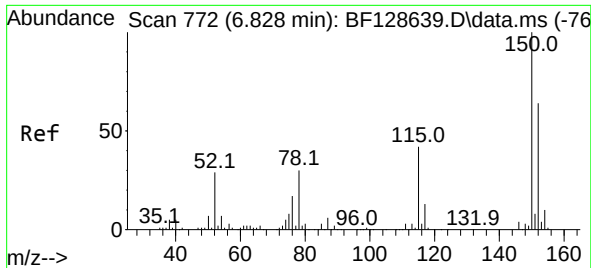
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128881.D
Acq On : 20 Jun 2022 17:21
Operator : CG\JU
Sample : N3373-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 21 01:16:50 2022
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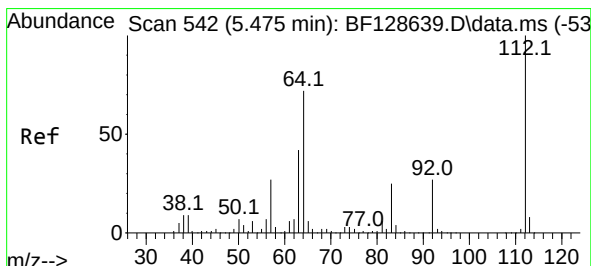
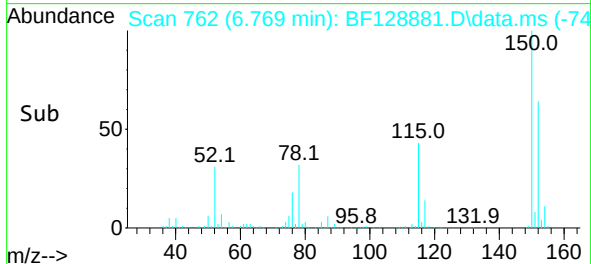
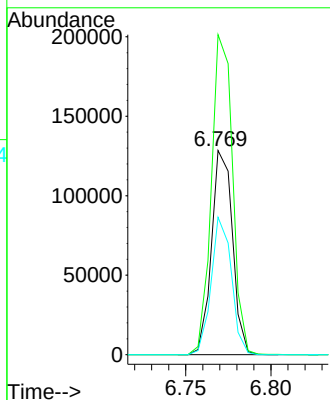
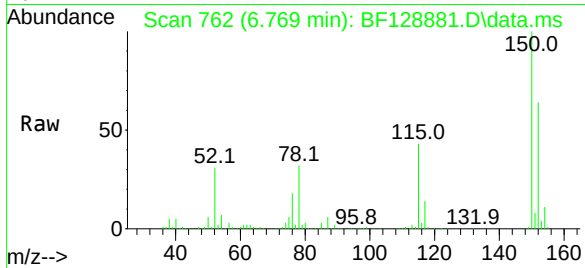




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

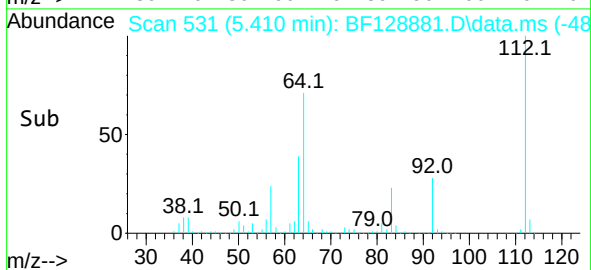
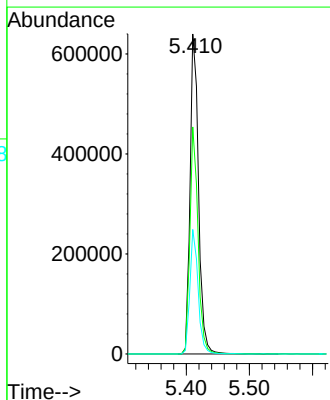
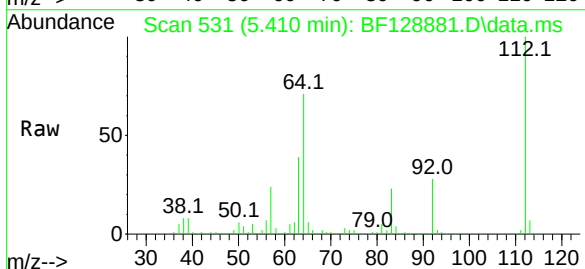
Instrument :
BNA_F
ClientSampleId :
SC-1S

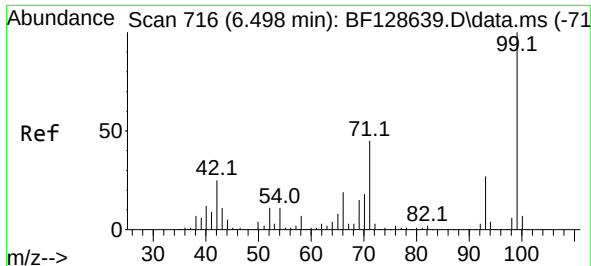
Tgt Ion:152 Resp: 109898
Ion Ratio Lower Upper
152 100
150 156.7 123.7 185.5
115 67.3 49.9 74.9



#5
2-Fluorophenol
Concen: 86.879 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

Tgt Ion:112 Resp: 599428
Ion Ratio Lower Upper
112 100
64 71.0 53.3 79.9
63 38.9 28.0 42.0

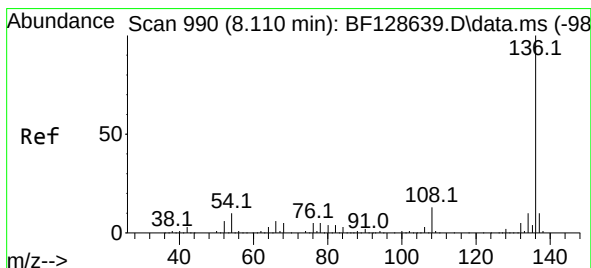
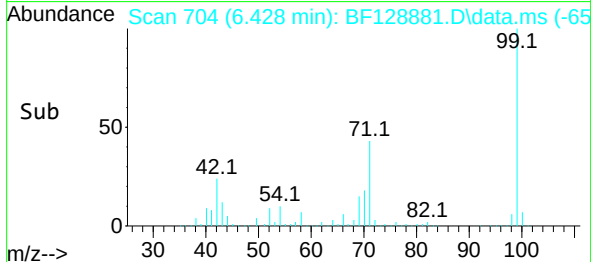
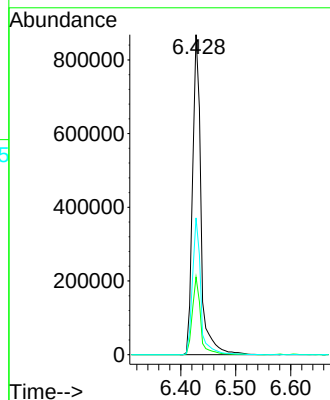
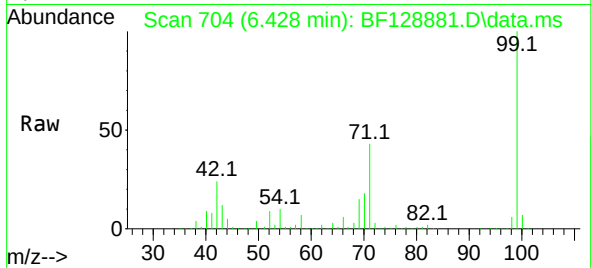




#7
Phenol-d6
Concen: 109.394 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

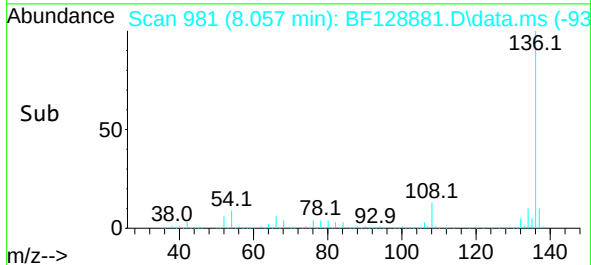
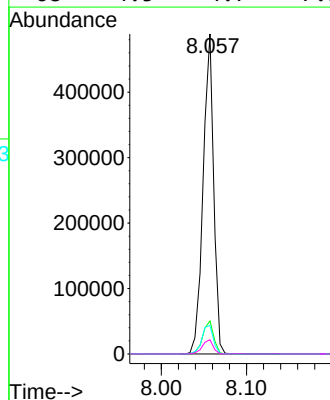
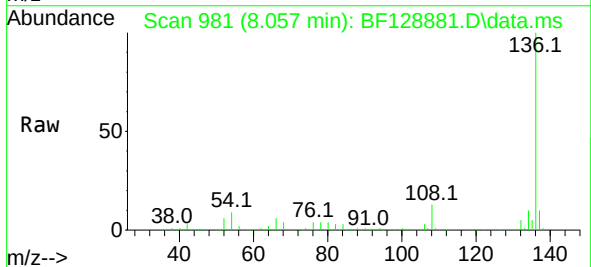
Instrument :
BNA_F
ClientSampleId :
SC-1S

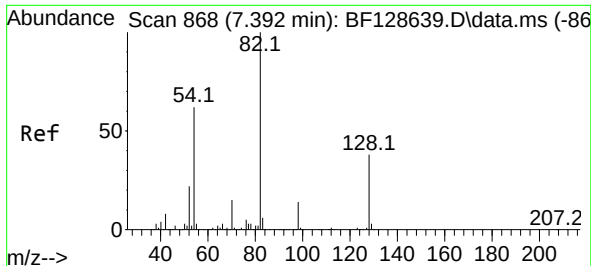
Tgt Ion: 99 Resp: 921328
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 42.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

Tgt Ion: 136 Resp: 420707
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 74.570 ng

RT: 7.339 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

Instrument :

BNA_F

ClientSampleId :

SC-1S

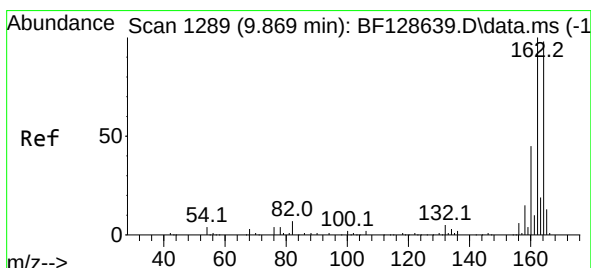
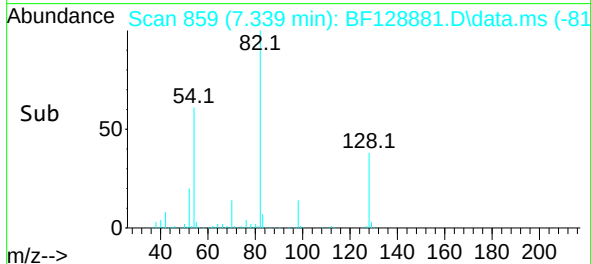
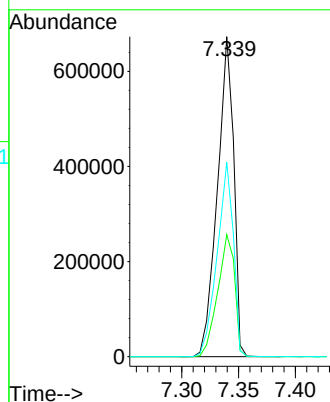
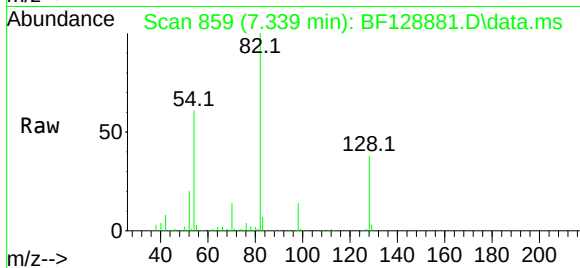
Tgt Ion: 82 Resp: 673817

Ion Ratio Lower Upper

82 100

128 38.1 34.0 51.0

54 60.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1279

Delta R.T. -0.006 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

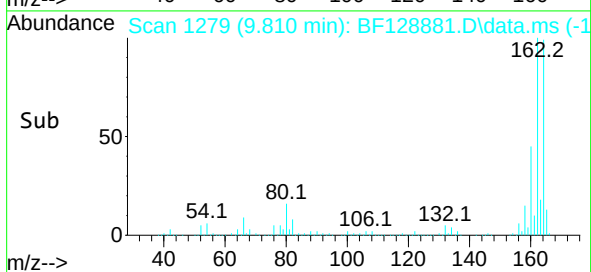
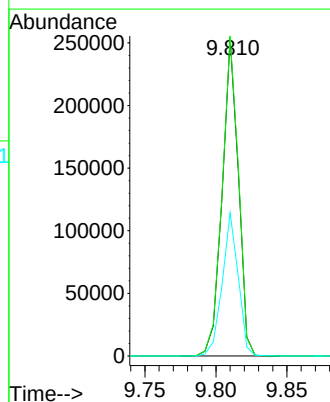
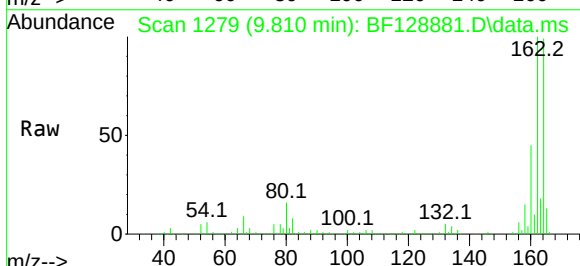
Tgt Ion:164 Resp: 199841

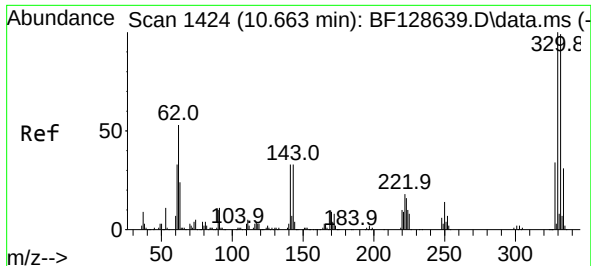
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 45.0 34.2 51.4

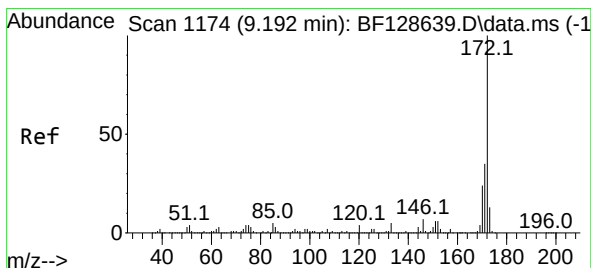
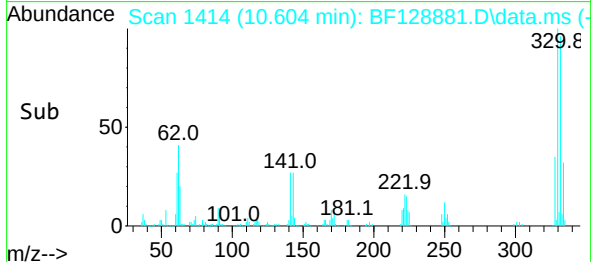
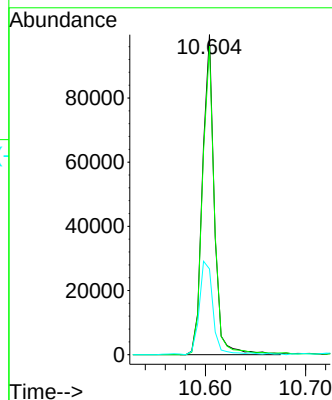
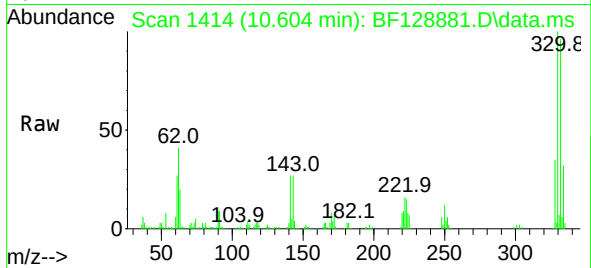




#42
2,4,6-Tribromophenol
Concen: 34.635 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.006 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

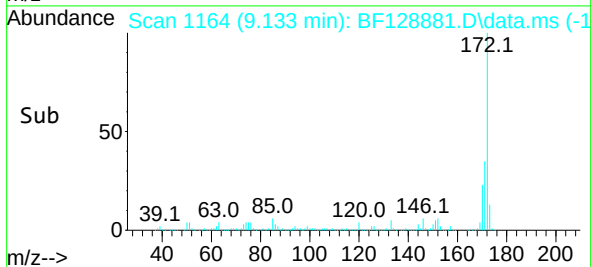
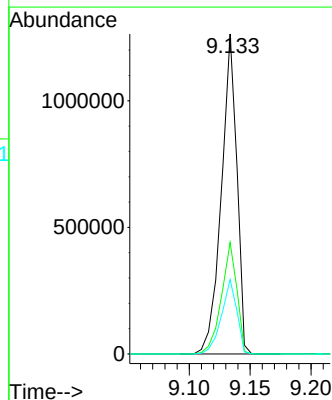
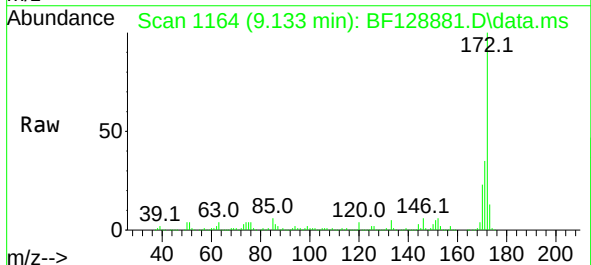
Instrument :
BNA_F
ClientSampleId :
SC-1S

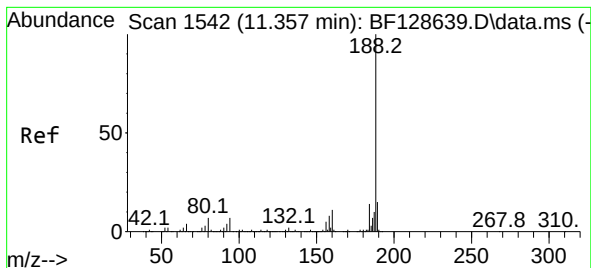
Tgt Ion:330 Resp: 81780
Ion Ratio Lower Upper
330 100
332 97.3 76.8 115.2
141 32.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 78.461 ng
RT: 9.133 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF128881.D
Acq: 20 Jun 2022 17:21

Tgt Ion:172 Resp: 1119336
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.2 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

Instrument :

BNA_F

ClientSampleId :

SC-1S

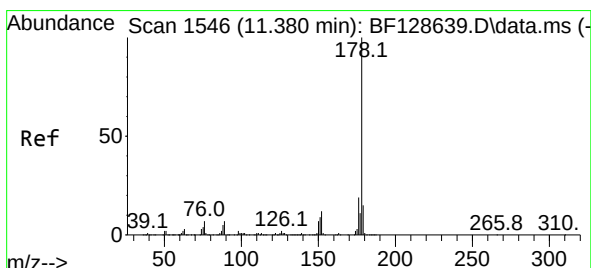
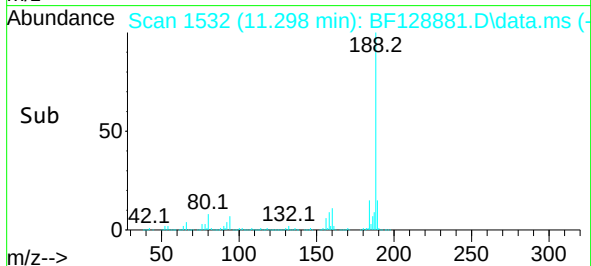
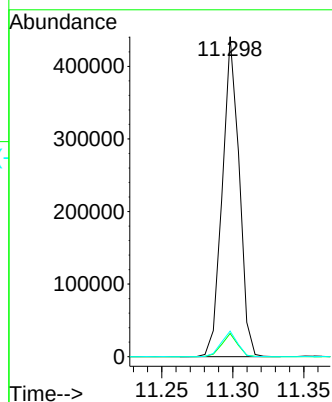
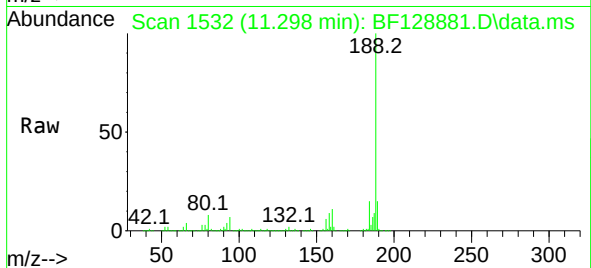
Tgt Ion:188 Resp: 363385

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 8.0 7.6 11.4



#71

Phenanthrene

Concen: 20.907 ng

RT: 11.322 min Scan# 1536

Delta R.T. -0.012 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

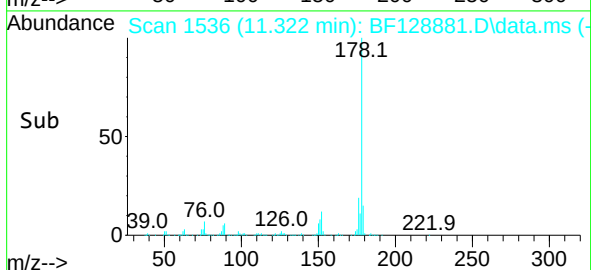
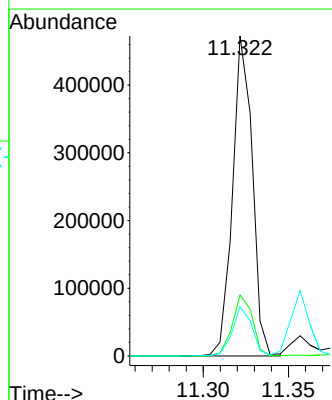
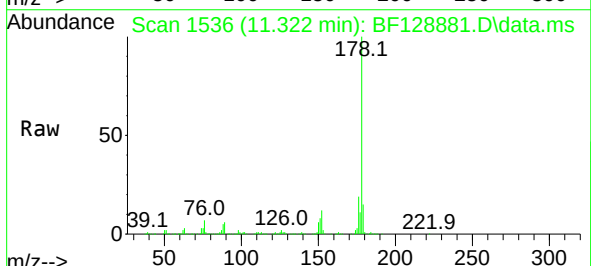
Tgt Ion:178 Resp: 381070

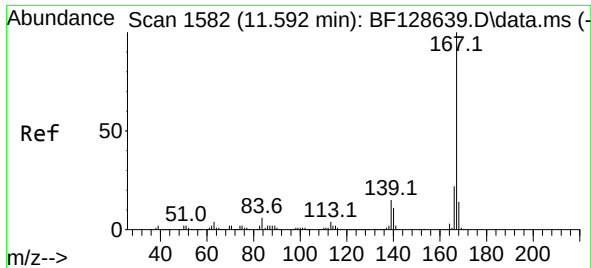
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 15.3 12.6 19.0

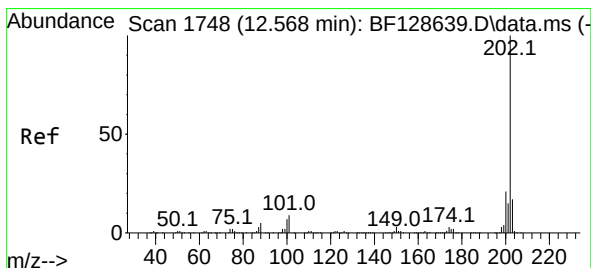
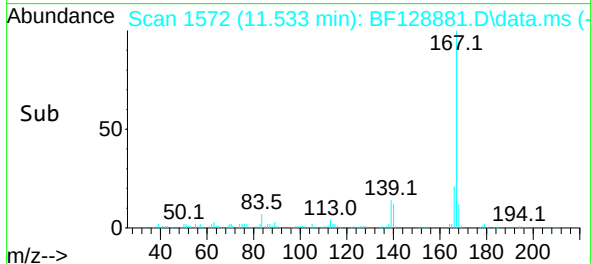
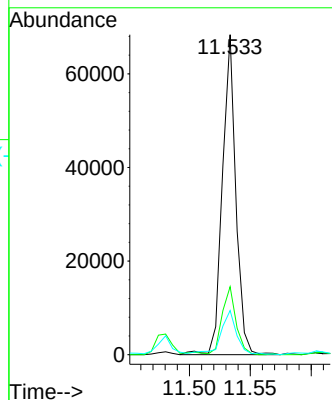
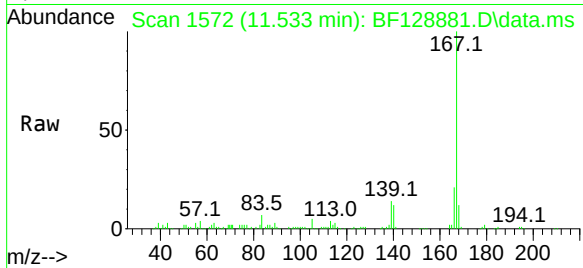




#73
 Carbazole
 Concen: 3.151 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128881.D
 Acq: 20 Jun 2022 17:21

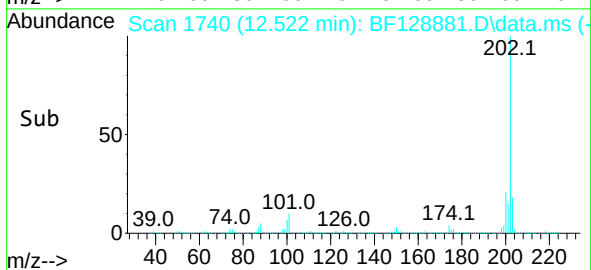
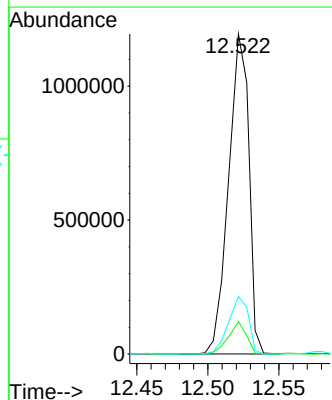
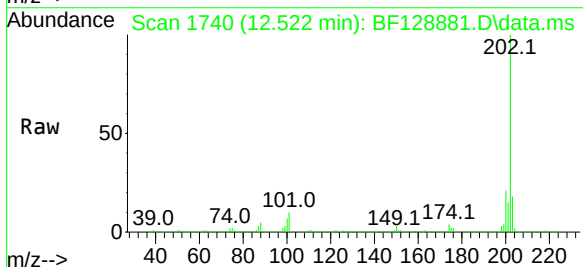
Instrument :
 BNA_F
 ClientSampleId :
 SC-1S

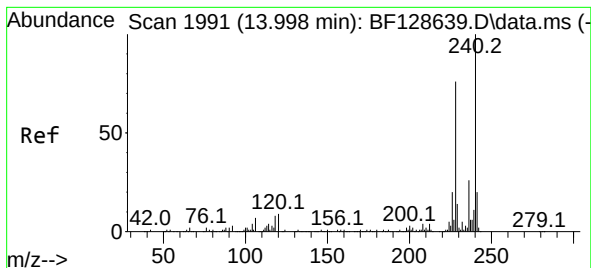
Tgt Ion:167 Resp: 52795
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.7 26.5
 139 13.8 11.2 16.8



#75
 Fluoranthene
 Concen: 62.373 ng
 RT: 12.522 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: BF128881.D
 Acq: 20 Jun 2022 17:21

Tgt Ion:202 Resp: 1188347
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 31.4
 203 18.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

Instrument :

BNA_F

ClientSampleId :

SC-1S

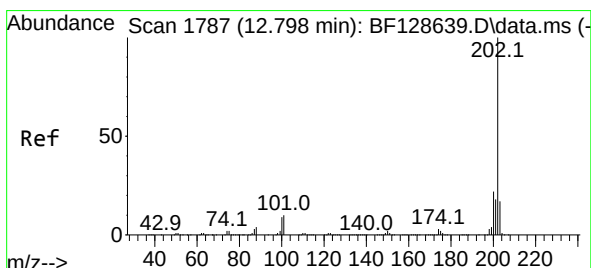
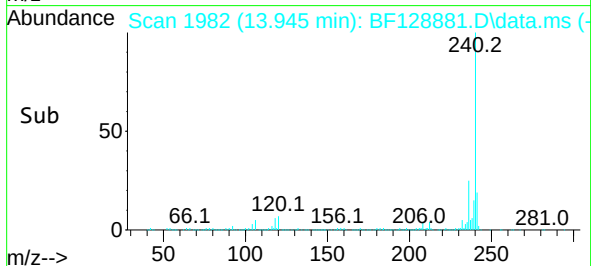
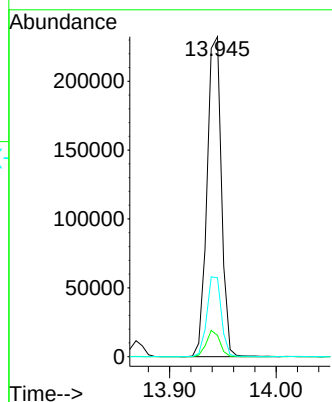
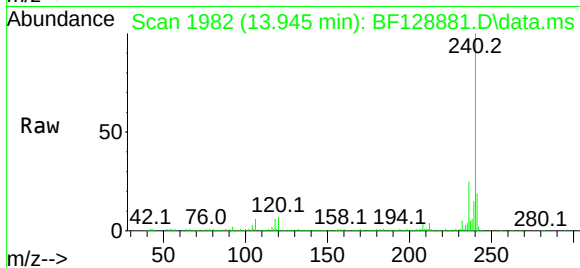
Tgt Ion:240 Resp: 218346

Ion Ratio Lower Upper

240 100

120 6.7 8.9 13.3#

236 24.7 20.8 31.2



#78

Pyrene

Concen: 11.528 ng

RT: 12.745 min Scan# 1778

Delta R.T. -0.006 min

Lab File: BF128881.D

Acq: 20 Jun 2022 17:21

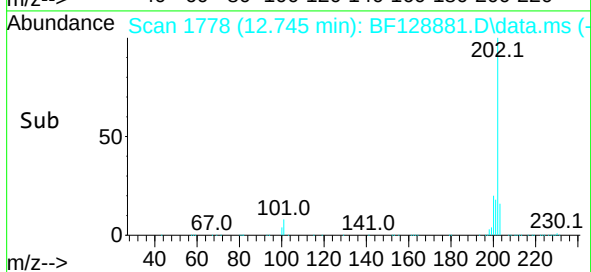
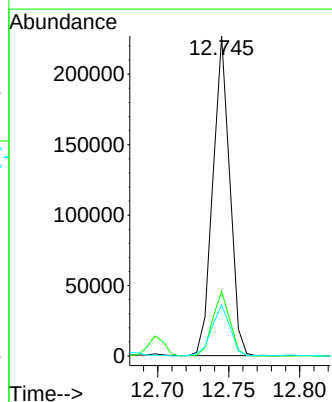
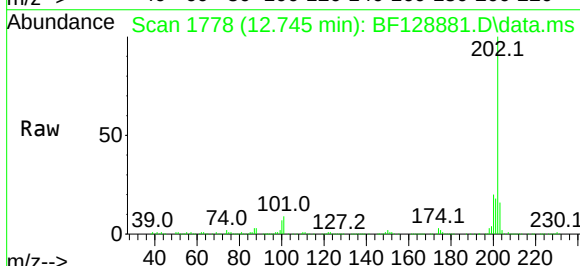
Tgt Ion:202 Resp: 187272

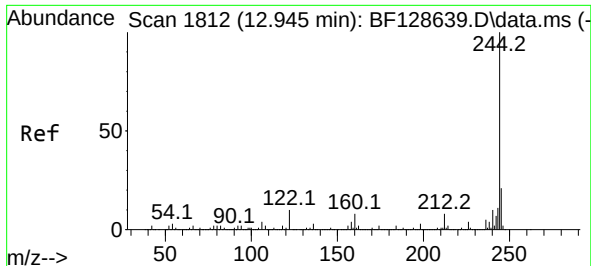
Ion Ratio Lower Upper

202 100

200 20.2 17.7 26.5

203 15.9 14.6 21.8

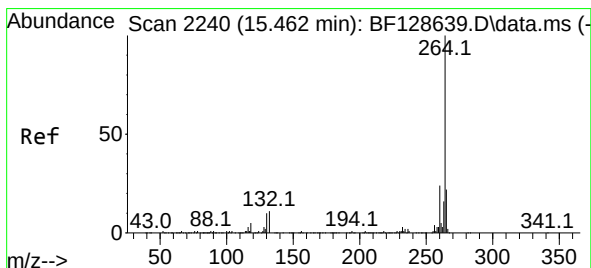
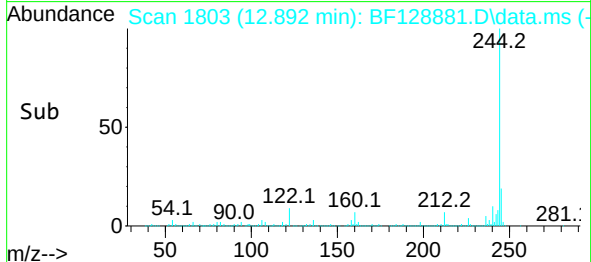
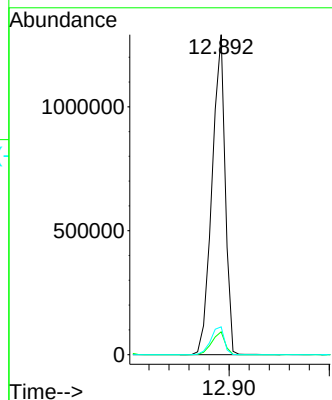
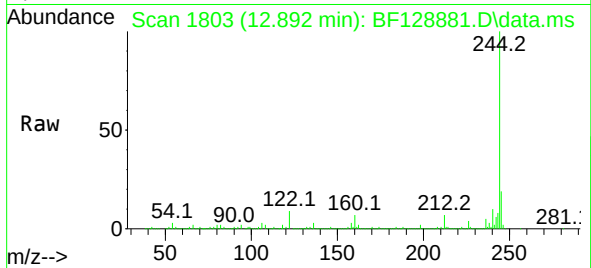




#79
 Terphenyl-d14
 Concen: 93.710 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128881.D
 Acq: 20 Jun 2022 17:21

Instrument :
 BNA_F
 ClientSampleId :
 SC-1S

Tgt Ion:244 Resp: 1177536
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.392 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF128881.D
 Acq: 20 Jun 2022 17:21

Tgt Ion:264 Resp: 172670
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 20.5 17.2 25.8

