

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
 Data File : BF128888.D
 Acq On : 20 Jun 2022 20:45
 Operator : CG\JU
 Sample : N3373-06DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6NDL

Quant Time: Jun 21 01:20:30 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)

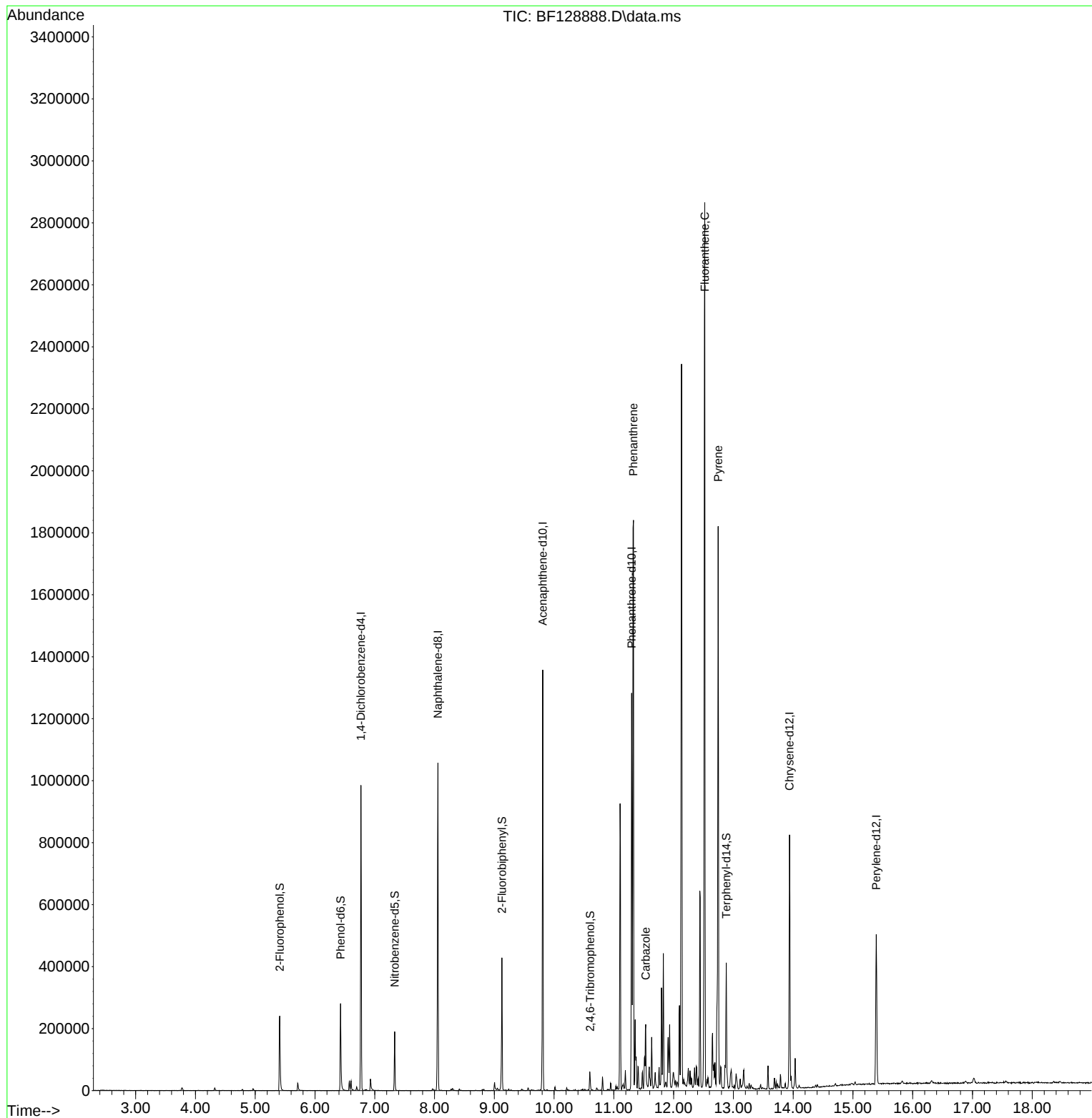
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	130867	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	423525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	247251	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	456001	20.000	ng	0.00
76) Chrysene-d12	13.939	240	267022	20.000	ng	#-0.01
86) Perylene-d12	15.392	264	215877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	62984	7.666	ng	0.00
7) Phenol-d6	6.428	99	86069	8.582	ng	-0.01
23) Nitrobenzene-d5	7.333	82	51942	5.710	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	5959	2.040	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	108125	6.126	ng	-0.01
79) Terphenyl-d14	12.880	244	118469	7.709	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.327	178	688743	30.113	ng	98
73) Carbazole	11.533	167	76025	3.616	ng	99
75) Fluoranthene	12.521	202	1190276	49.785	ng	97
78) Pyrene	12.745	202	701581	35.315	ng	98

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

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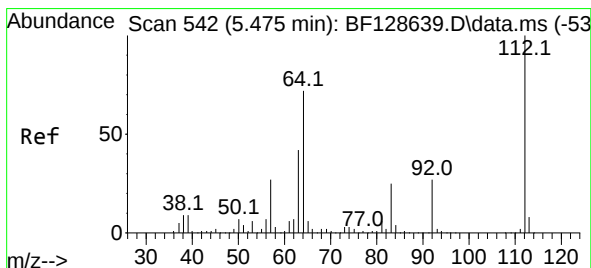
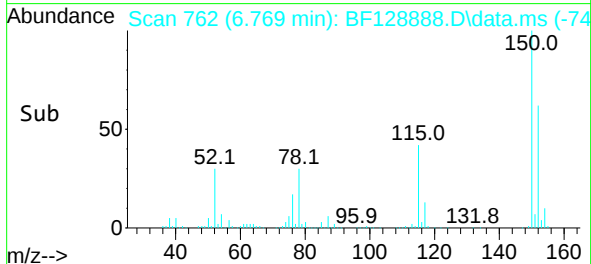
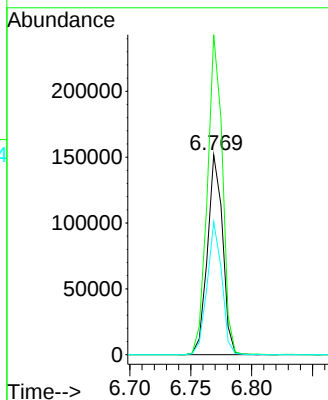
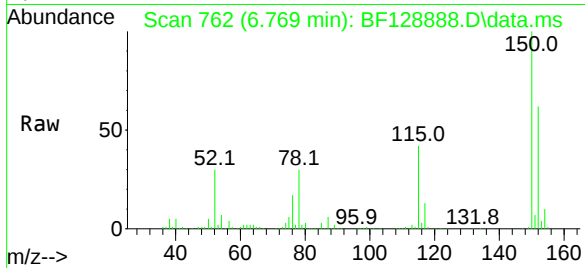




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

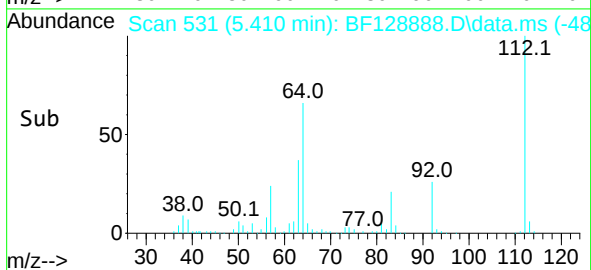
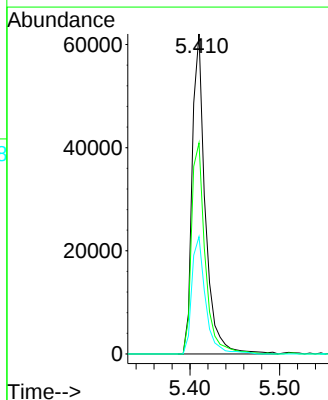
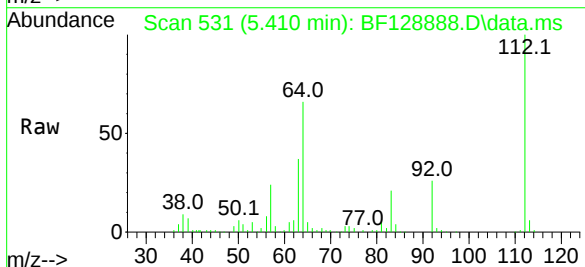
Instrument :
BNA_F
ClientSampleId :
SC-6NDL

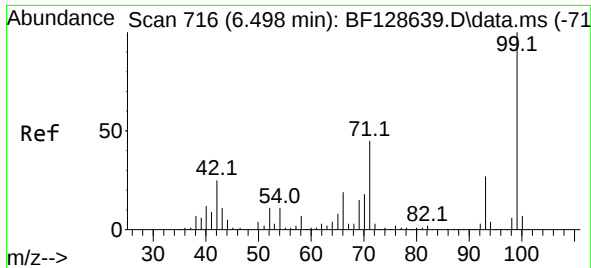
Tgt Ion:152 Resp: 130867
Ion Ratio Lower Upper
152 100
150 160.1 123.7 185.5
115 66.5 49.9 74.9



#5
2-Fluorophenol
Concen: 7.666 ng
RT: 5.410 min Scan# 531
Delta R.T. -0.000 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

Tgt Ion:112 Resp: 62984
Ion Ratio Lower Upper
112 100
64 65.9 53.3 79.9
63 36.6 28.0 42.0

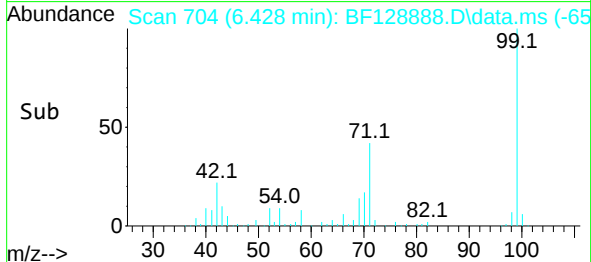
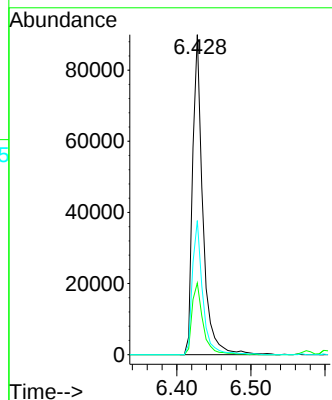
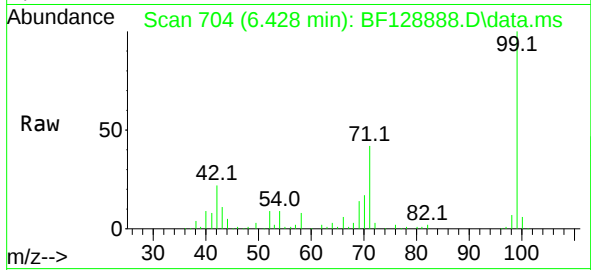




#7
Phenol-d6
Concen: 8.582 ng
RT: 6.428 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

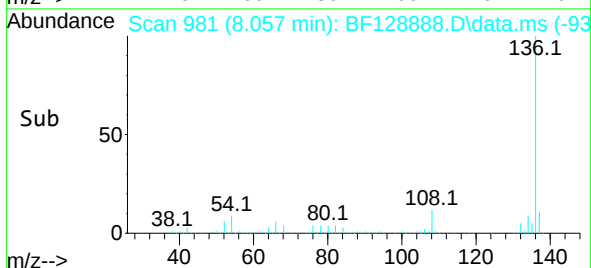
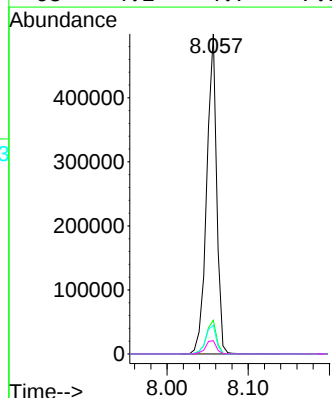
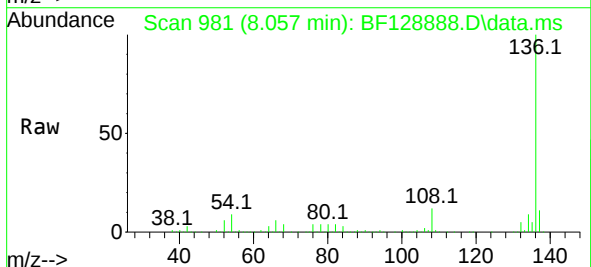
Instrument :
BNA_F
ClientSampleId :
SC-6NDL

Tgt Ion: 99 Resp: 86069
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.9 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: BF128888.D
Acq: 20 Jun 2022 20:45

Tgt Ion: 136 Resp: 423525
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 5.710 ng

RT: 7.333 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128888.D

Acq: 20 Jun 2022 20:45

Instrument :

BNA_F

ClientSampleId :

SC-6NDL

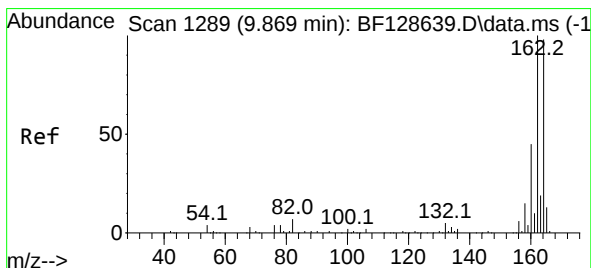
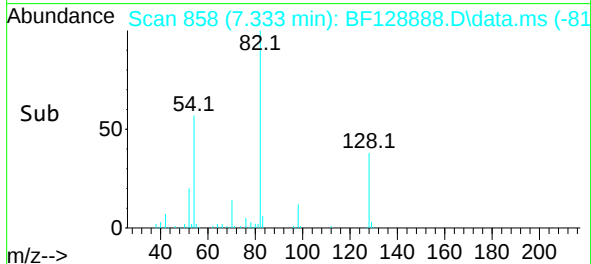
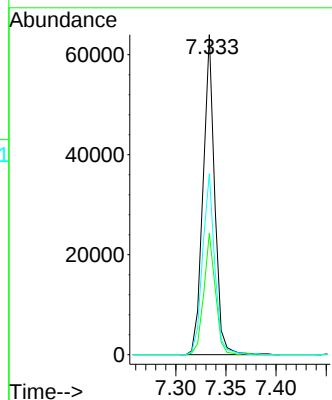
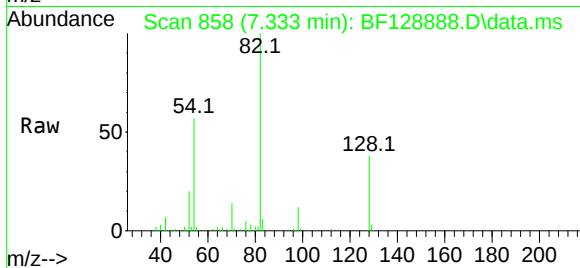
Tgt Ion: 82 Resp: 51942

Ion Ratio Lower Upper

82 100

128 38.0 34.0 51.0

54 56.6 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: BF128888.D

Acq: 20 Jun 2022 20:45

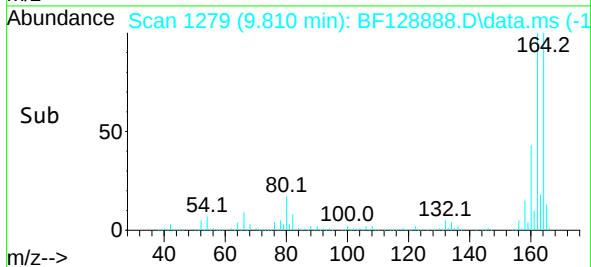
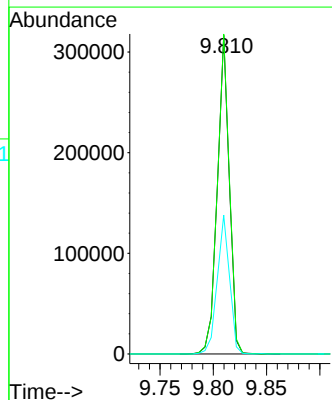
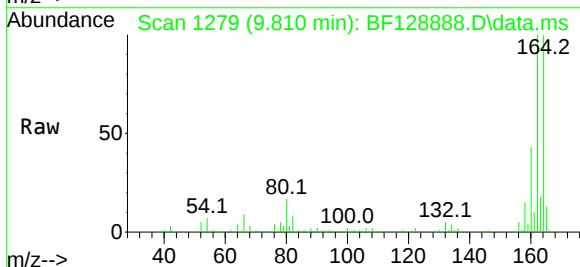
Tgt Ion: 164 Resp: 247251

Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 43.6 34.2 51.4

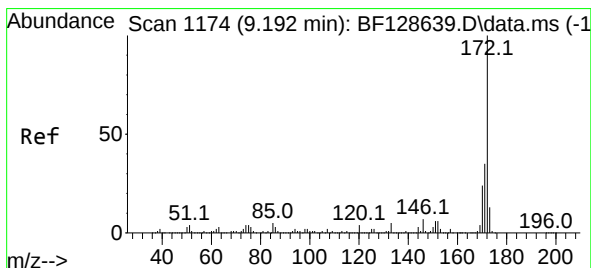
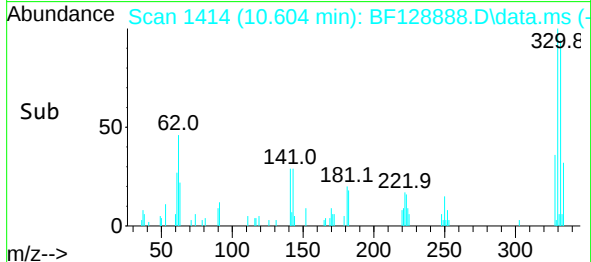
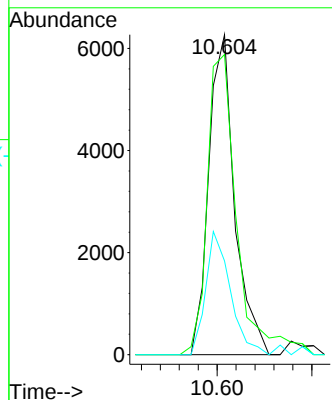
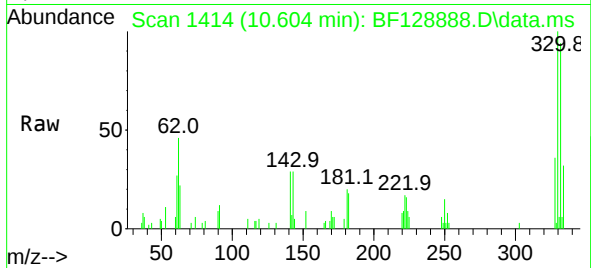




#42
2,4,6-Tribromophenol
Concen: 2.040 ng
RT: 10.604 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

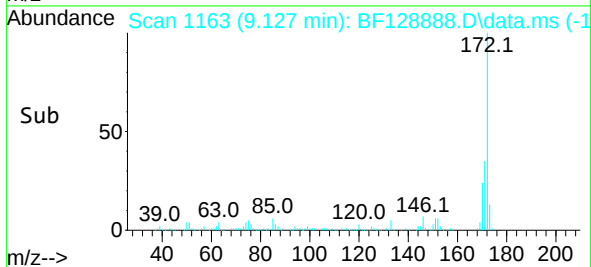
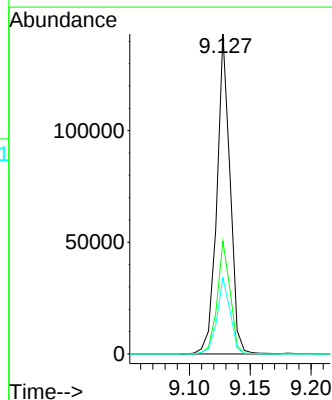
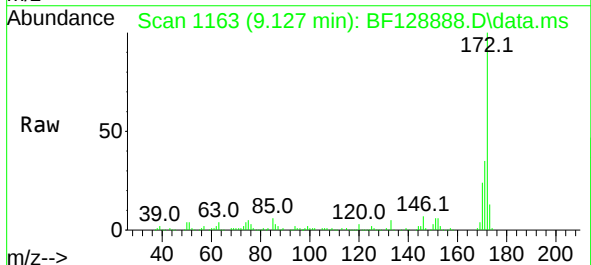
Instrument :
BNA_F
ClientSampleId :
SC-6NDL

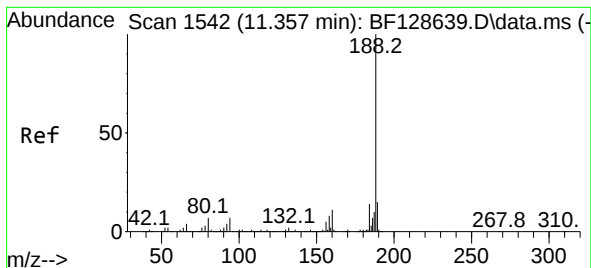
Tgt Ion:330 Resp: 5959
Ion Ratio Lower Upper
330 100
332 106.9 76.8 115.2
141 36.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 6.126 ng
RT: 9.127 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

Tgt Ion:172 Resp: 108125
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.8 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: BF128888.D

Acq: 20 Jun 2022 20:45

Instrument :

BNA_F

ClientSampleId :

SC-6NDL

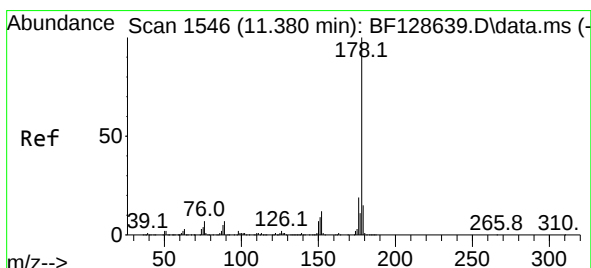
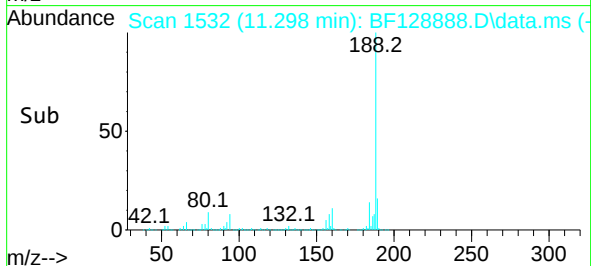
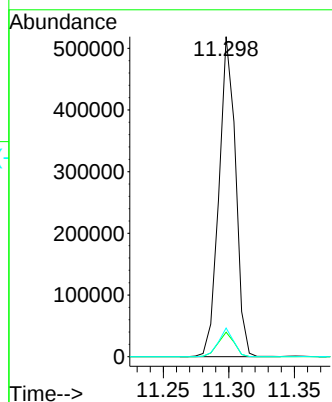
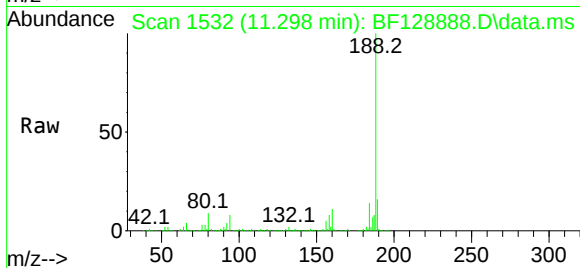
Tgt Ion:188 Resp: 456001

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.9 7.6 11.4



#71

Phenanthrene

Concen: 30.113 ng

RT: 11.327 min Scan# 1537

Delta R.T. -0.006 min

Lab File: BF128888.D

Acq: 20 Jun 2022 20:45

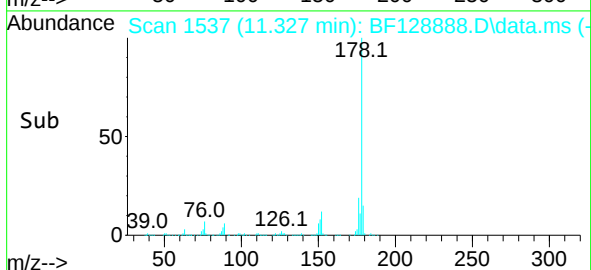
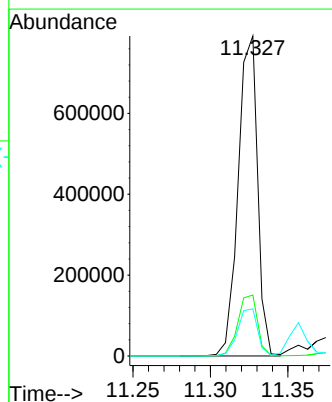
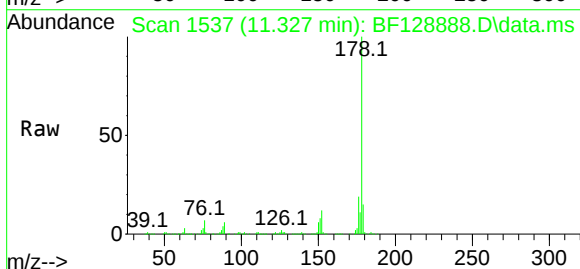
Tgt Ion:178 Resp: 688743

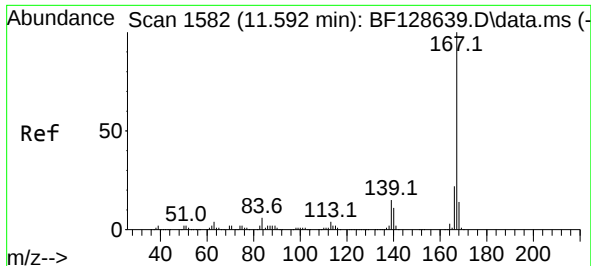
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 14.7 12.6 19.0

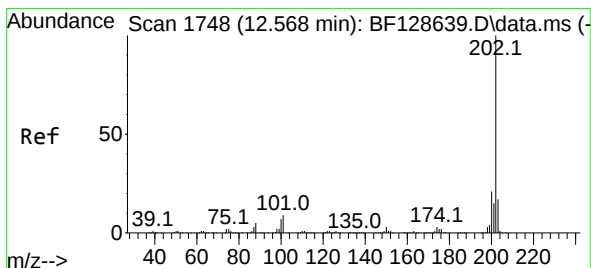
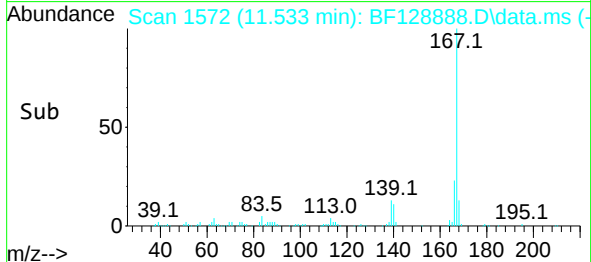
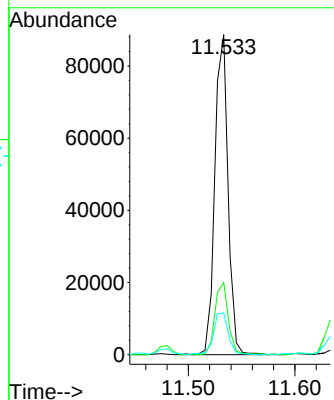
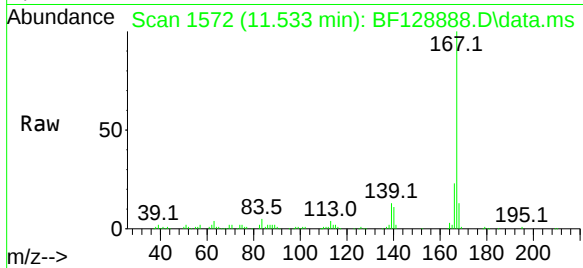




#73
 Carbazole
 Concen: 3.616 ng
 RT: 11.533 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128888.D
 Acq: 20 Jun 2022 20:45

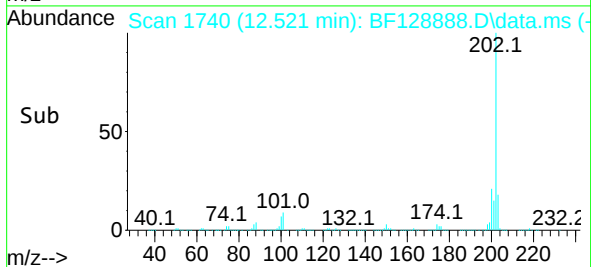
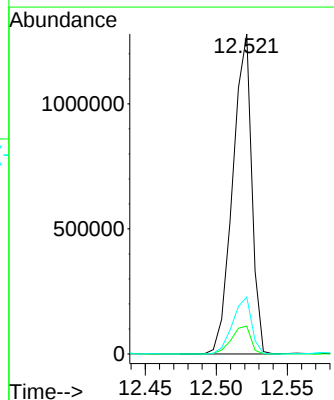
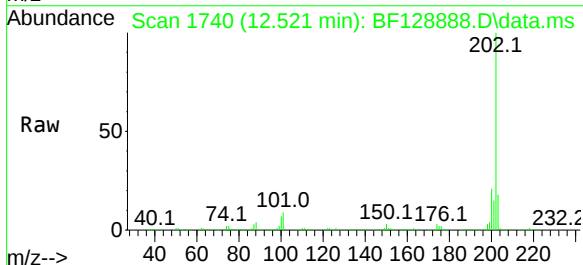
Instrument :
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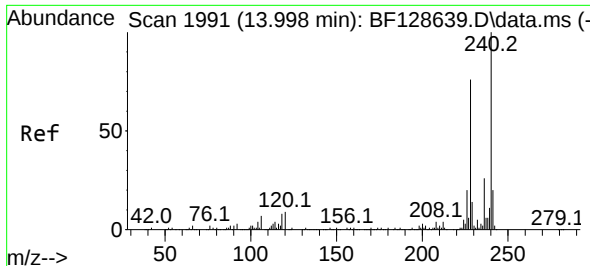
Tgt Ion:167 Resp: 76025
 Ion Ratio Lower Upper
 167 100
 166 22.6 17.7 26.5
 139 13.1 11.2 16.8



#75
 Fluoranthene
 Concen: 49.785 ng
 RT: 12.521 min Scan# 1740
 Delta R.T. -0.000 min
 Lab File: BF128888.D
 Acq: 20 Jun 2022 20:45

Tgt Ion:202 Resp: 1190276
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 31.4
 203 17.8 0.0 38.0

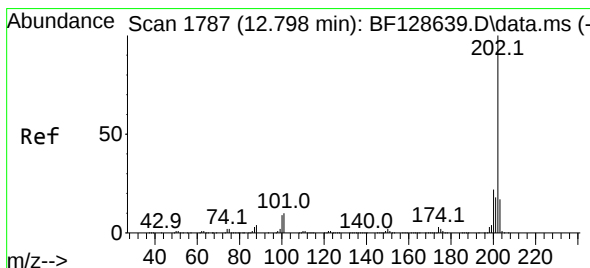
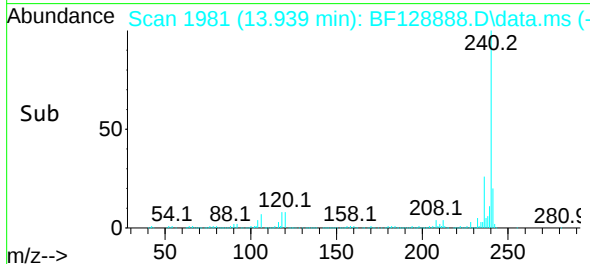
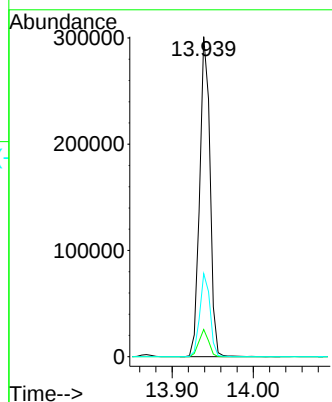
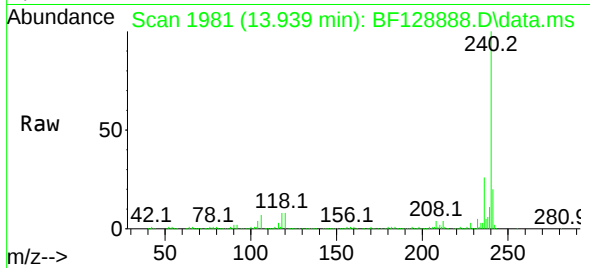




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

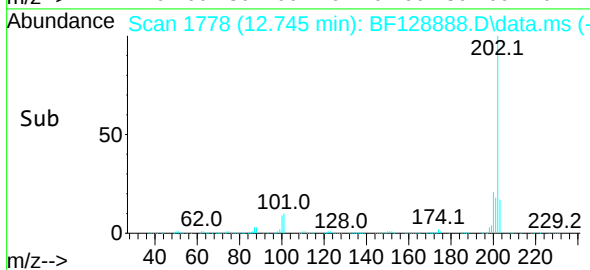
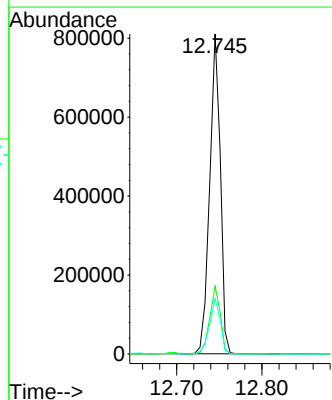
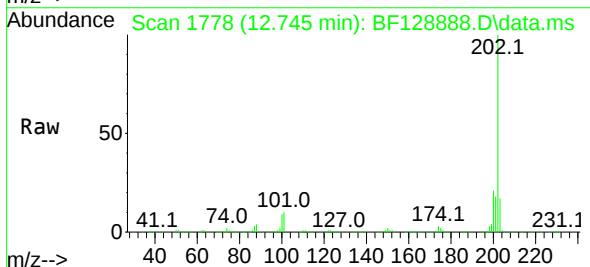
Instrument :
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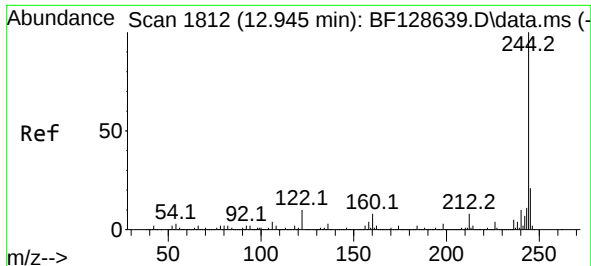
Tgt Ion:240 Resp: 267022
Ion Ratio Lower Upper
240 100
120 8.5 8.9 13.3#
236 26.0 20.8 31.2



#78
Pyrene
Concen: 35.315 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF128888.D
Acq: 20 Jun 2022 20:45

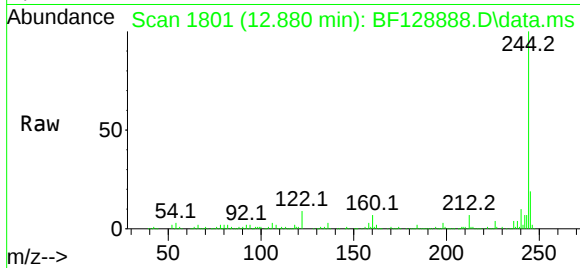
Tgt Ion:202 Resp: 701581
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.4 14.6 21.8



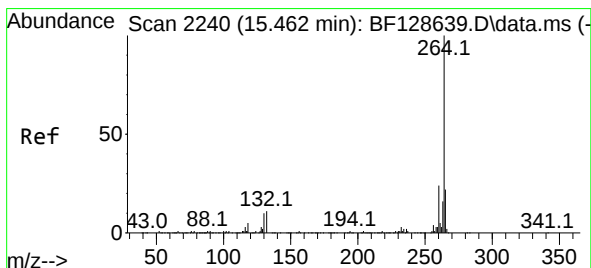
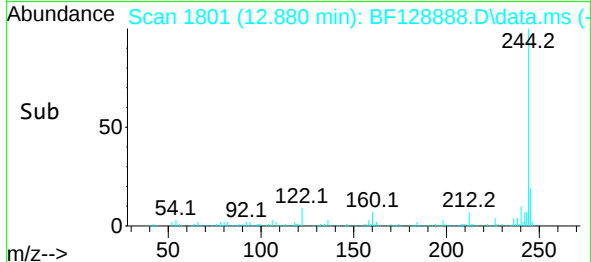
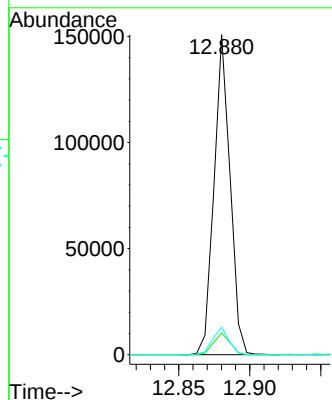


#79
 Terphenyl-d14
 Concen: 7.709 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128888.D
 Acq: 20 Jun 2022 20:45

Instrument :
 BNA_F
 ClientSampleId :
 SC-6NDL



Tgt Ion:244 Resp: 118469
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 8.6 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: BF128888.D
 Acq: 20 Jun 2022 20:45

Tgt Ion:264 Resp: 215877
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.4 27.6
 265 21.7 17.2 25.8

