

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128886.D
 Acq On : 20 Jun 2022 19:47
 Operator : CG\JU
 Sample : N3373-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6SDL

Quant Time: Jun 21 01:19:37 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)

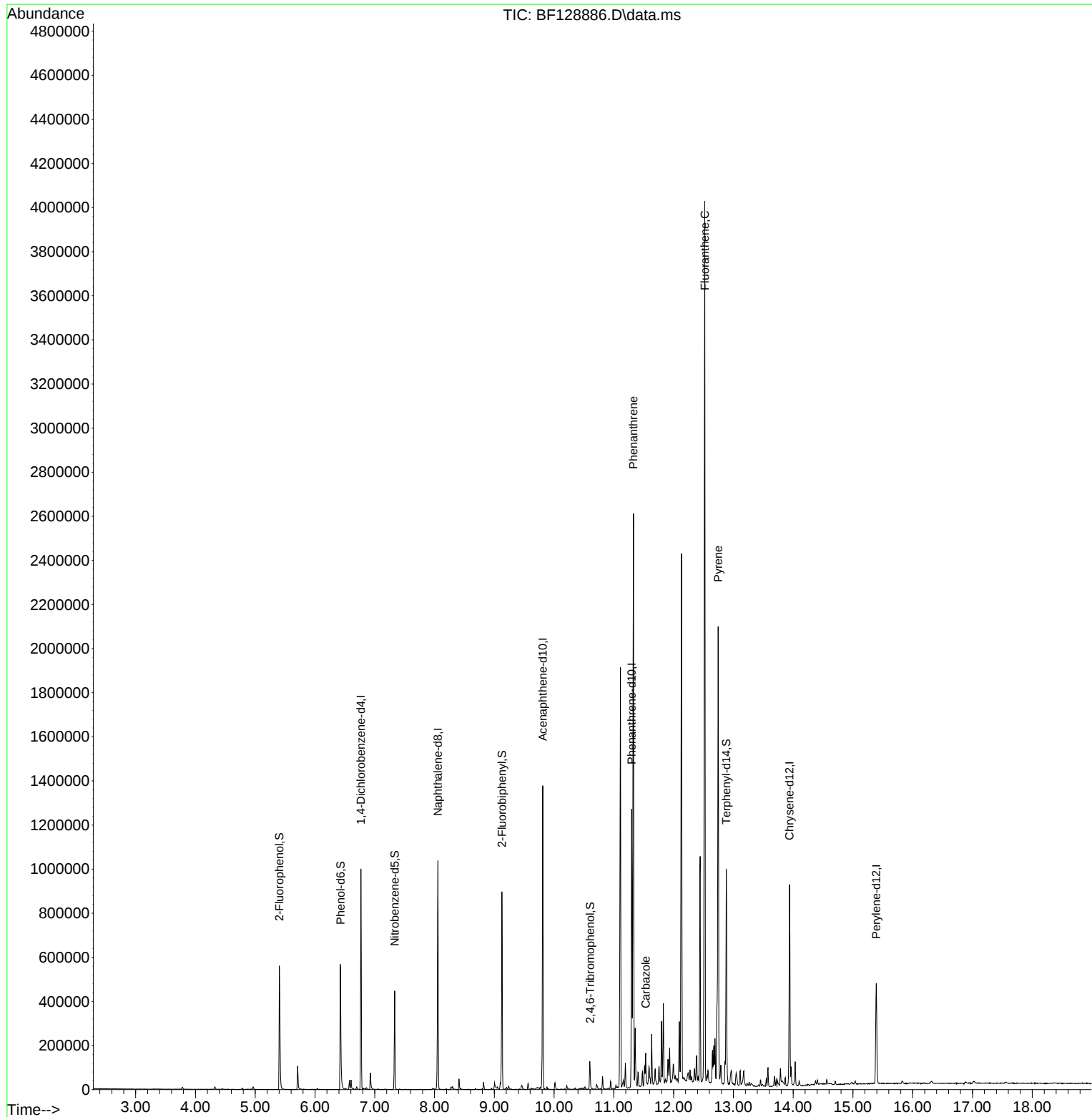
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	131413	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	424383	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	253000	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	466057	20.000	ng	0.00
76) Chrysene-d12	13.939	240	297237	20.000	ng	#-0.01
86) Perylene-d12	15.392	264	209125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	137090	16.616	ng	0.00
7) Phenol-d6	6.428	99	190446	18.911	ng	-0.01
23) Nitrobenzene-d5	7.333	82	123959	13.599	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	13164	4.404	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	243317	13.472	ng	-0.01
79) Terphenyl-d14	12.880	244	310984	18.180	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.327	178	889686	38.059	ng	99
73) Carbazole	11.533	167	51980	2.419	ng	99
75) Fluoranthene	12.521	202	1639445	67.093	ng	98
78) Pyrene	12.745	202	830495	37.555	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
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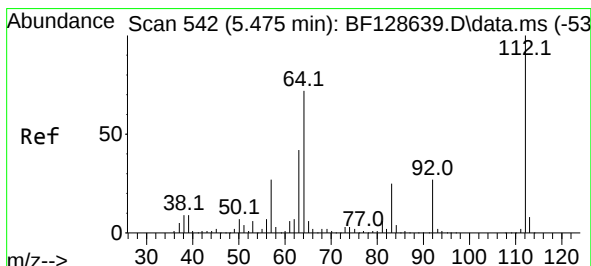
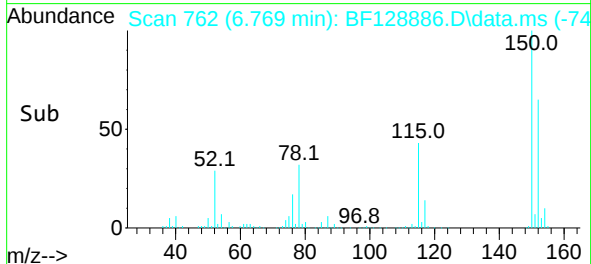
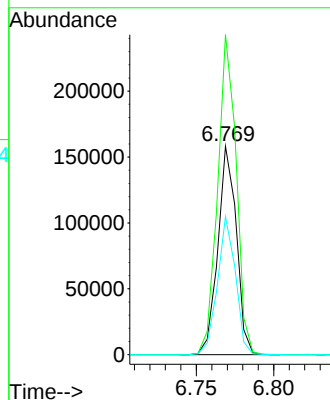
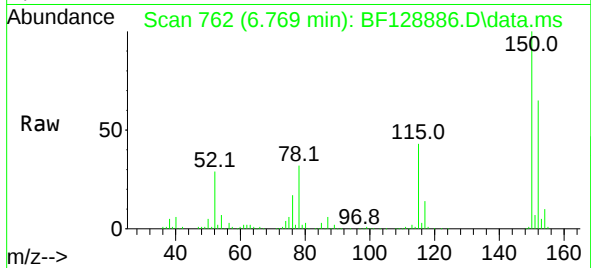




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

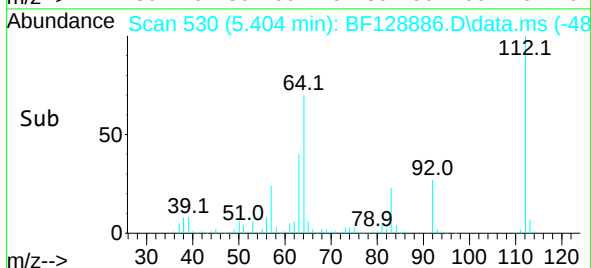
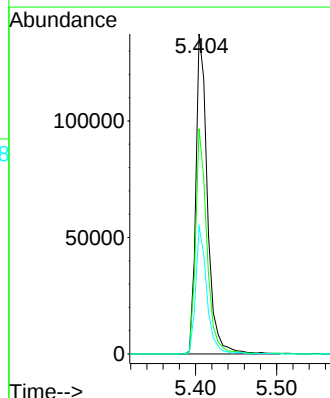
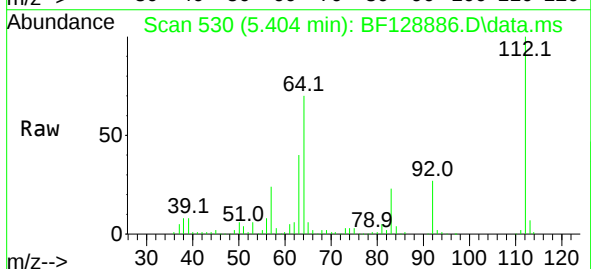
Instrument :
BNA_F
ClientSampleId :
SC-6SDL

Tgt Ion:152 Resp: 131413
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 66.2 49.9 74.9



#5
2-Fluorophenol
Concen: 16.616 ng
RT: 5.404 min Scan# 530
Delta R.T. -0.006 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

Tgt Ion:112 Resp: 137090
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 39.9 28.0 42.0

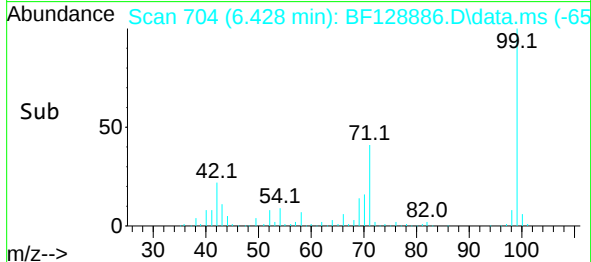
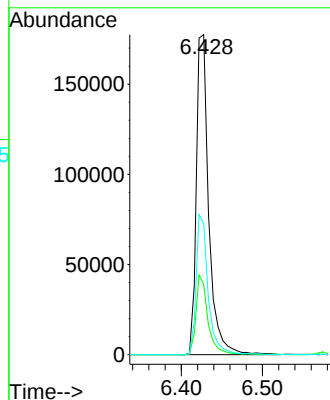
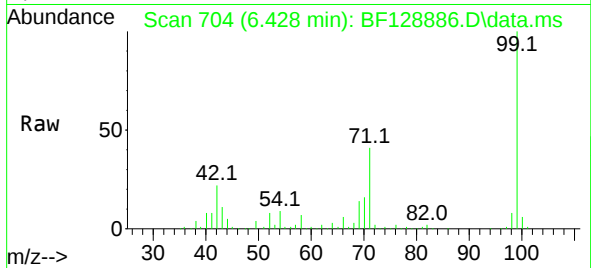




#7
Phenol-d6
Concen: 18.911 ng
RT: 6.428 min Scan# 704
Delta R.T. -0.012 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

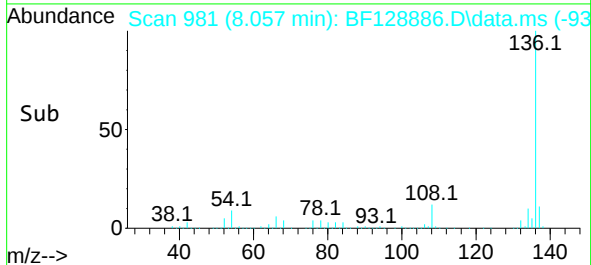
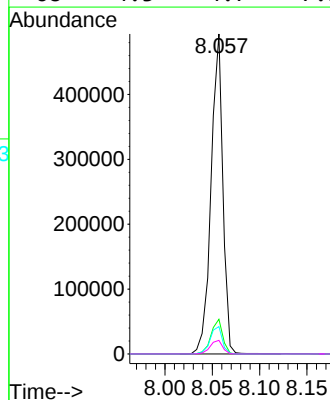
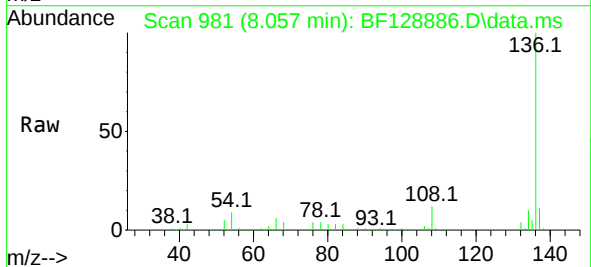
Instrument :
BNA_F
ClientSampleId :
SC-6SDL

Tgt Ion: 99 Resp: 190446
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 40.9 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: BF128886.D
Acq: 20 Jun 2022 19:47

Tgt Ion: 136 Resp: 424383
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.6 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 13.599 ng

RT: 7.333 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF128886.D

Acq: 20 Jun 2022 19:47

Instrument :

BNA_F

ClientSampleId :

SC-6SDL

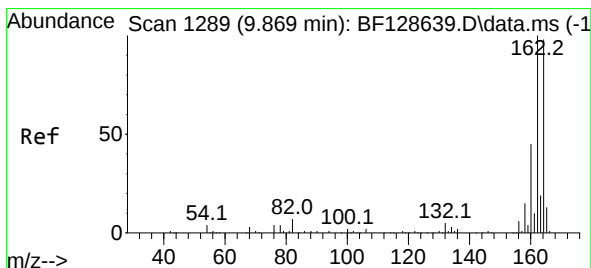
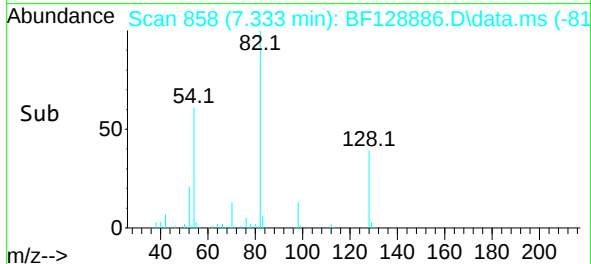
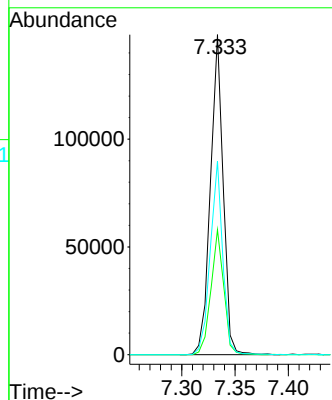
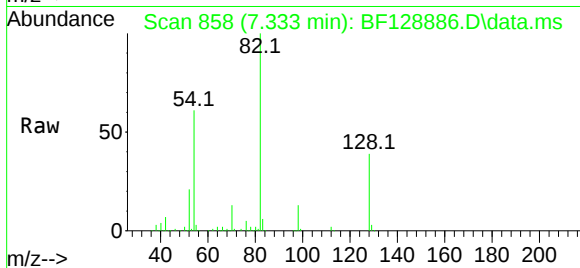
Tgt Ion: 82 Resp: 123959

Ion Ratio Lower Upper

82 100

128 39.0 34.0 51.0

54 60.5 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: BF128886.D

Acq: 20 Jun 2022 19:47

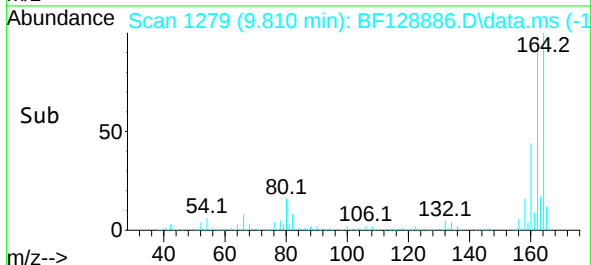
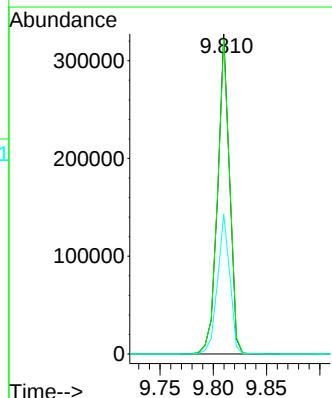
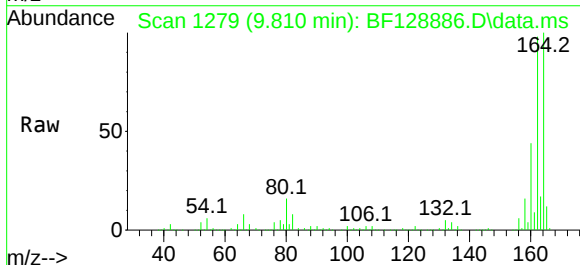
Tgt Ion:164 Resp: 253000

Ion Ratio Lower Upper

164 100

162 98.3 79.5 119.3

160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 4.404 ng

RT: 10.604 min Scan# 1414

Delta R.T. -0.006 min

Lab File: BF128886.D

Acq: 20 Jun 2022 19:47

Instrument :

BNA_F

ClientSampleId :

SC-6SDL

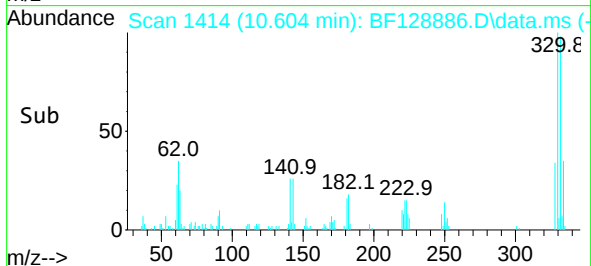
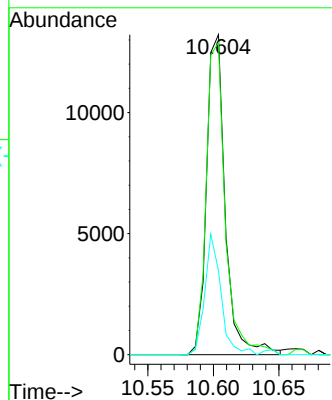
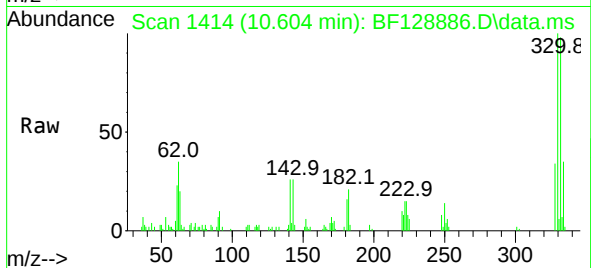
Tgt Ion:330 Resp: 13164

Ion Ratio Lower Upper

330 100

332 99.0 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.472 ng

RT: 9.127 min Scan# 1163

Delta R.T. -0.012 min

Lab File: BF128886.D

Acq: 20 Jun 2022 19:47

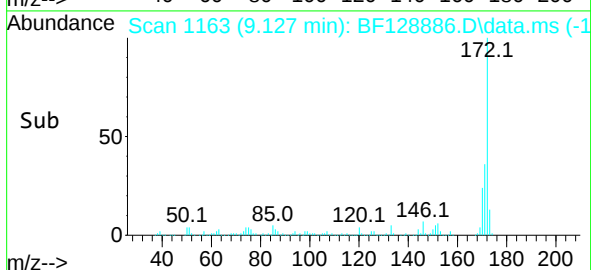
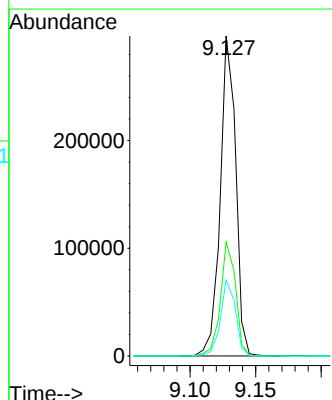
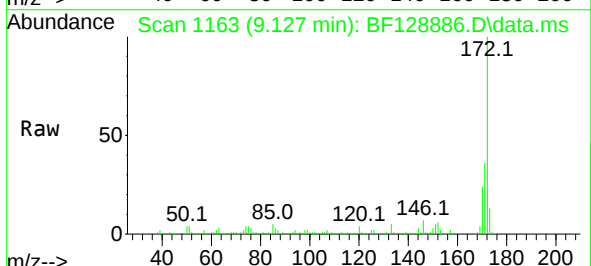
Tgt Ion:172 Resp: 243317

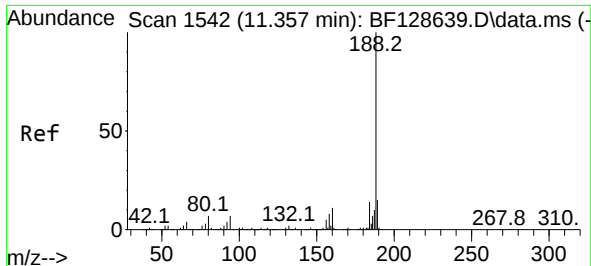
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.8 19.8 29.8

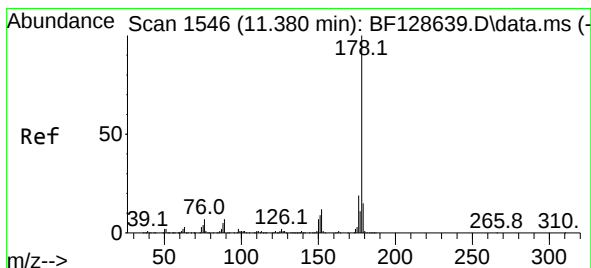
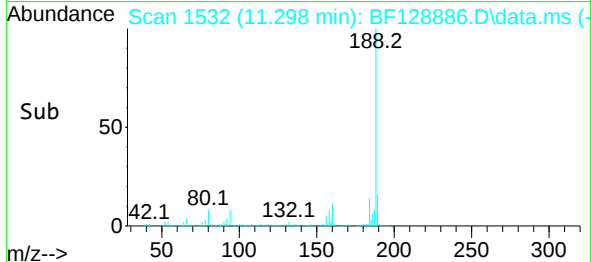
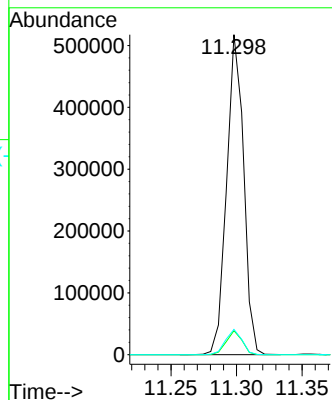
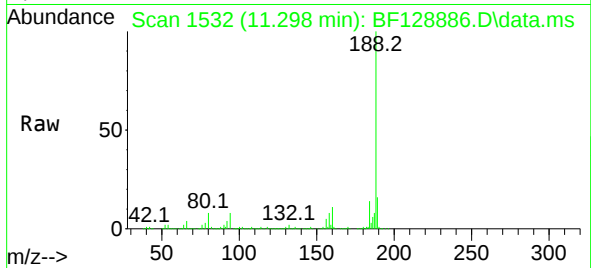




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

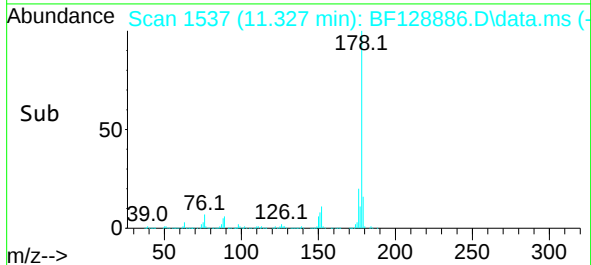
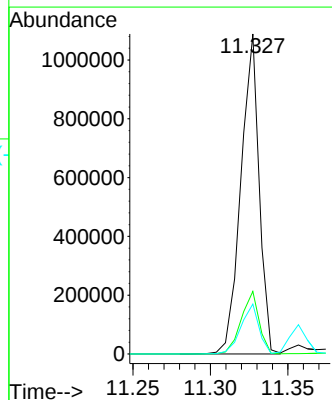
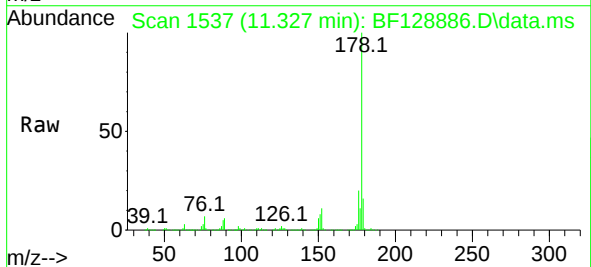
Instrument :
BNA_F
ClientSampleId :
SC-6SDL

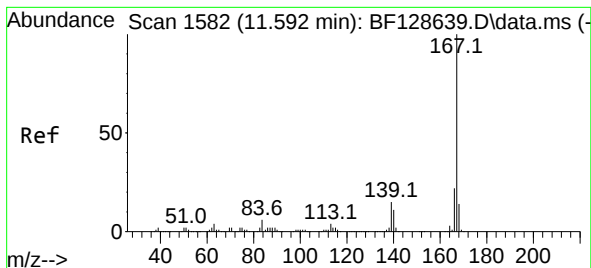
Tgt Ion:188 Resp: 466057
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.9 7.6 11.4



#71
Phenanthrene
Concen: 38.059 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

Tgt Ion:178 Resp: 889686
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.6 19.0





#73

Carbazole

Concen: 2.419 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128886.D

Acq: 20 Jun 2022 19:47

Instrument :

BNA_F

ClientSampleId :

SC-6SDL

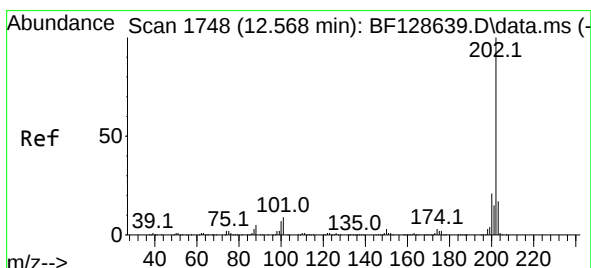
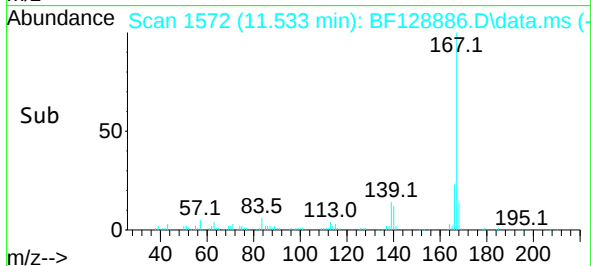
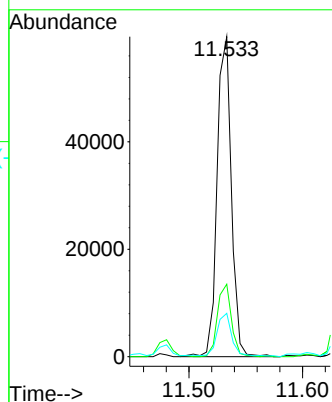
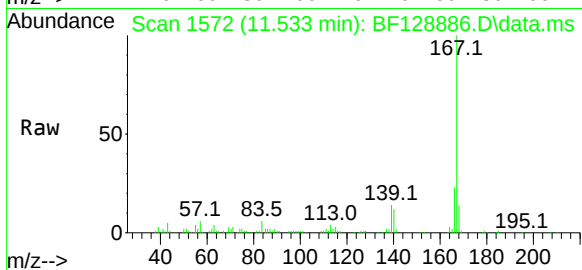
Tgt Ion:167 Resp: 51980

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

139 13.6 11.2 16.8



#75

Fluoranthene

Concen: 67.093 ng

RT: 12.521 min Scan# 1740

Delta R.T. -0.000 min

Lab File: BF128886.D

Acq: 20 Jun 2022 19:47

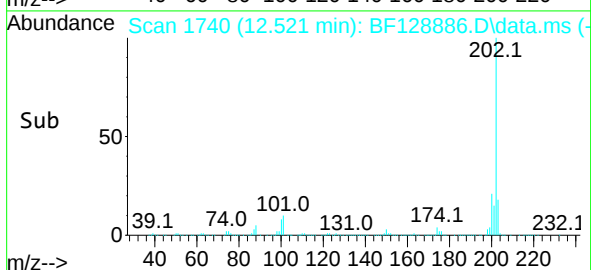
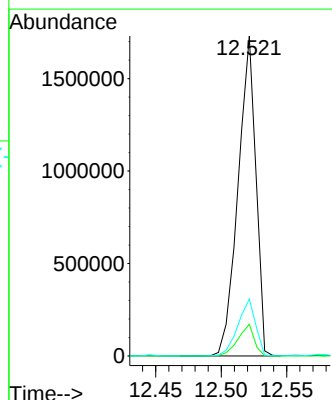
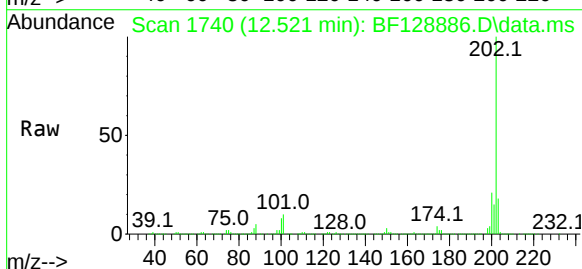
Tgt Ion:202 Resp: 1639445

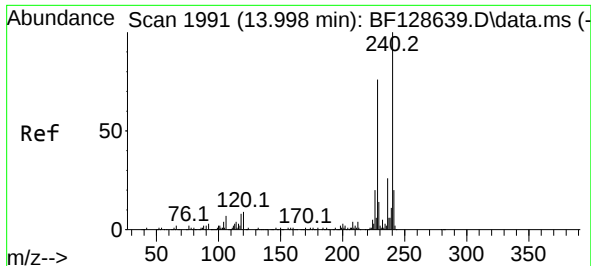
Ion Ratio Lower Upper

202 100

101 9.9 0.0 31.4

203 17.8 0.0 38.0

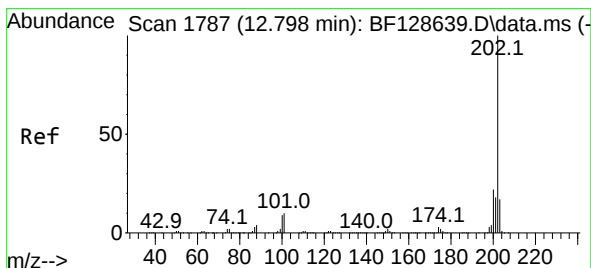
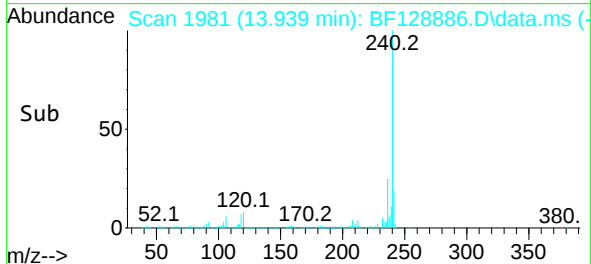
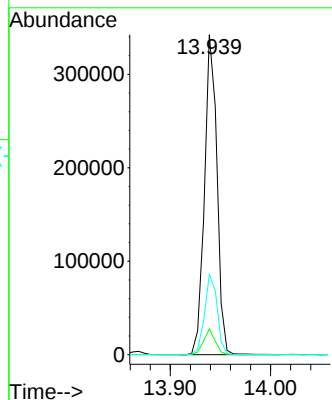
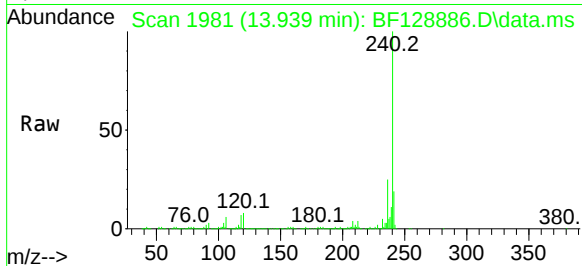




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

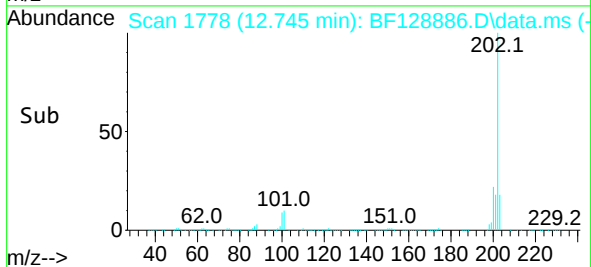
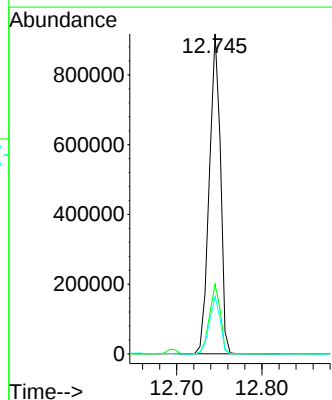
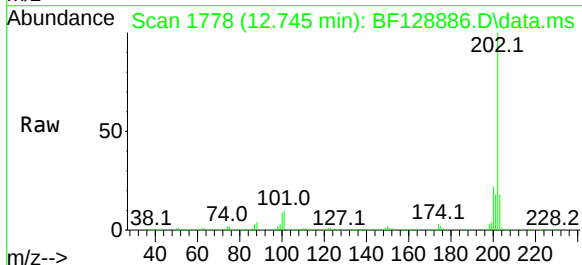
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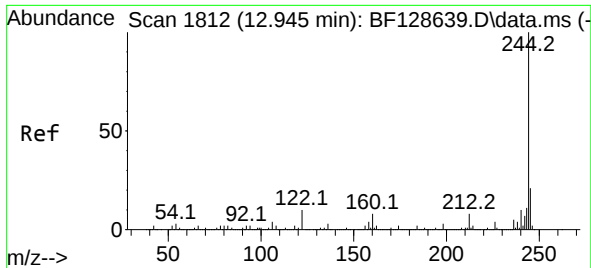
Tgt Ion:240 Resp: 297237
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.0 20.8 31.2



#78
Pyrene
Concen: 37.555 ng
RT: 12.745 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF128886.D
Acq: 20 Jun 2022 19:47

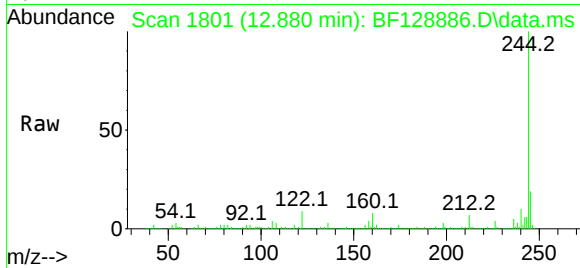
Tgt Ion:202 Resp: 830495
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.0 14.6 21.8



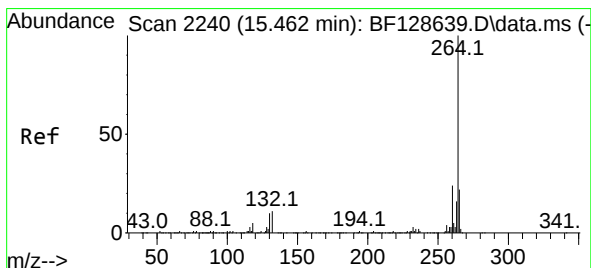
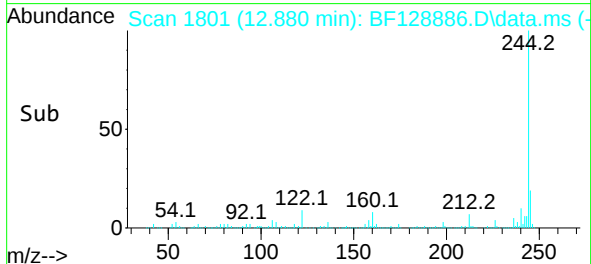
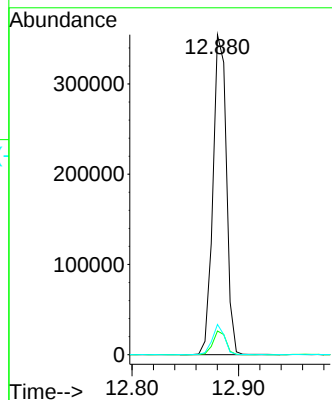


#79
 Terphenyl-d14
 Concen: 18.180 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128886.D
 Acq: 20 Jun 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SC-6SDL



Tgt Ion:244 Resp: 310984
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.5 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: BF128886.D
 Acq: 20 Jun 2022 19:47

Tgt Ion:264 Resp: 209125
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 22.0 17.2 25.8

