

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128908.D
 Acq On : 21 Jun 2022 20:28
 Operator : CG\JU
 Sample : N3373-01DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-1NDL

Quant Time: Jun 22 01:54:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

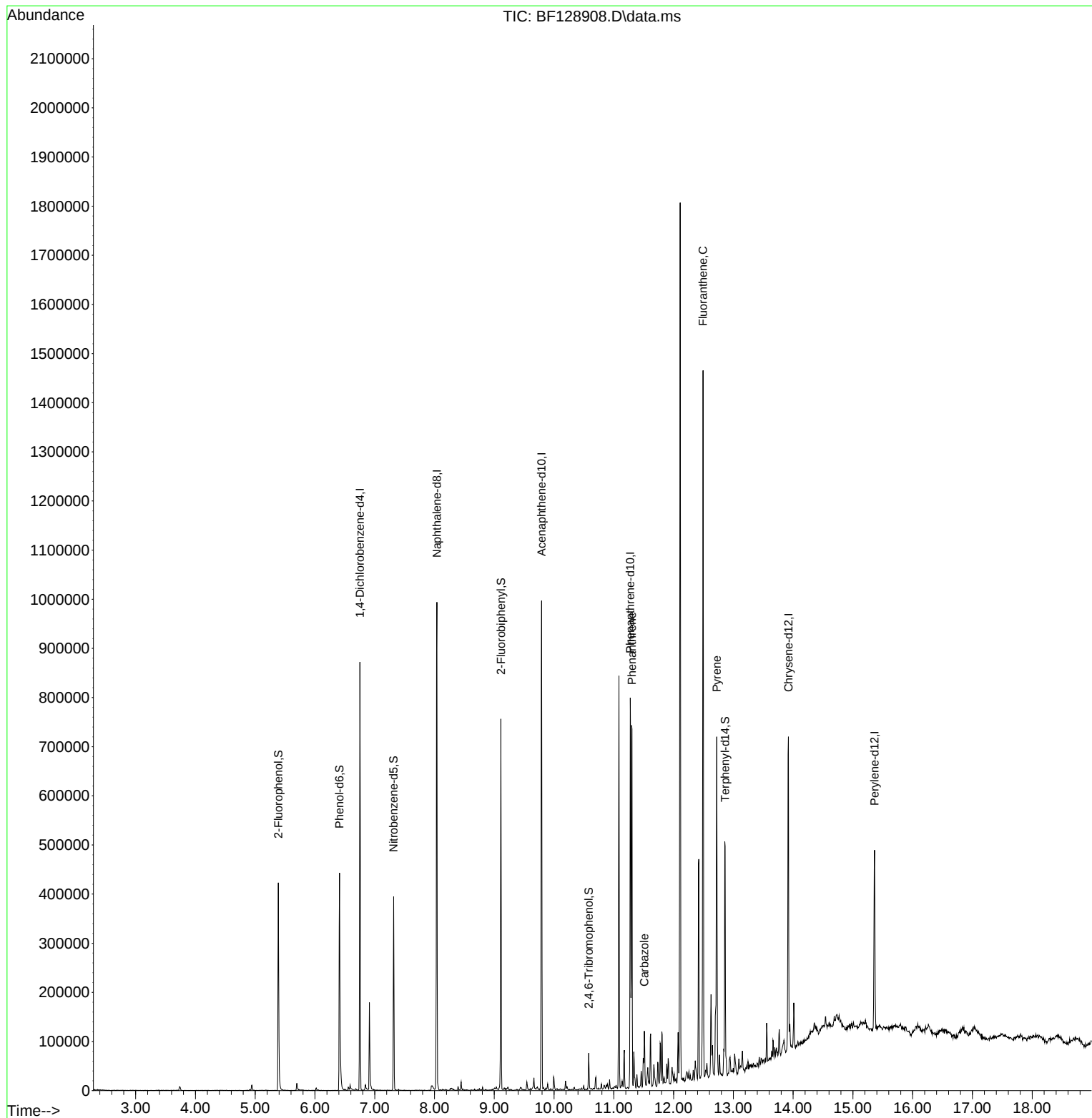
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	109867	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	399437	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	187940	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	290608	20.000	ng	0.00
76) Chrysene-d12	13.921	240	225144	20.000	ng	# 0.00
86) Perylene-d12	15.363	264	162720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	102756	14.897	ng	0.00
7) Phenol-d6	6.410	99	142883	16.970	ng	0.00
23) Nitrobenzene-d5	7.316	82	100347	11.697	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	7528	3.390	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	185922	13.858	ng	0.00
79) Terphenyl-d14	12.863	244	162344	12.530	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.304	178	275149	18.876	ng	97
73) Carbazole	11.510	167	37518	2.800	ng	97
75) Fluoranthene	12.492	202	516796	33.918	ng	97
78) Pyrene	12.722	202	251537	15.017	ng	96

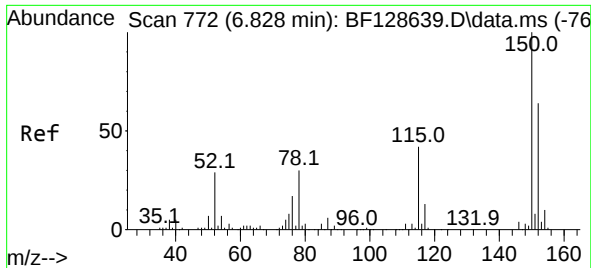
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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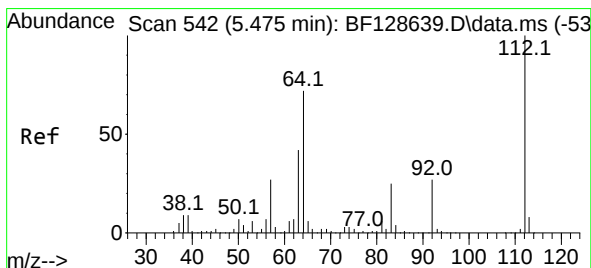
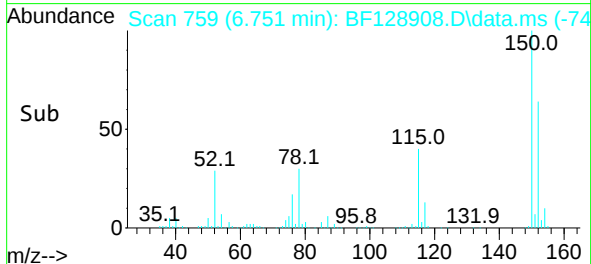
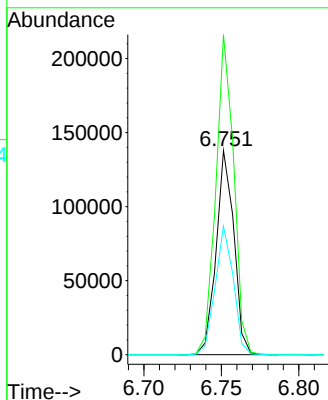
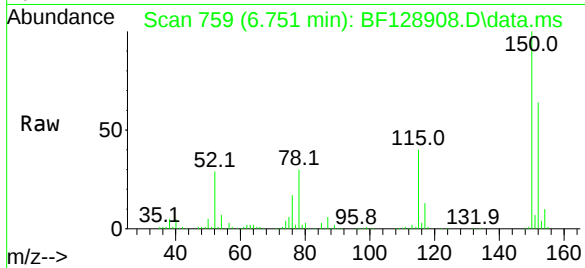




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

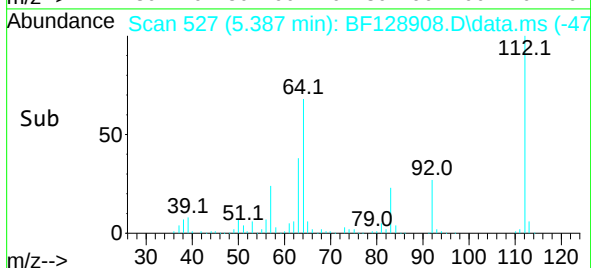
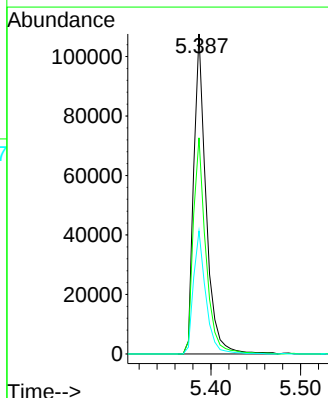
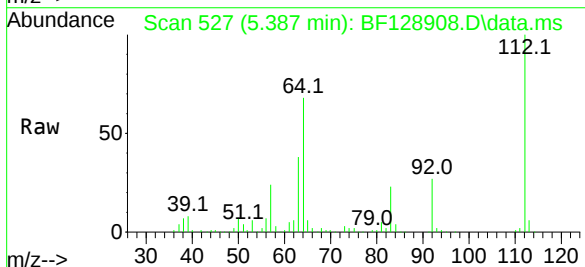
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

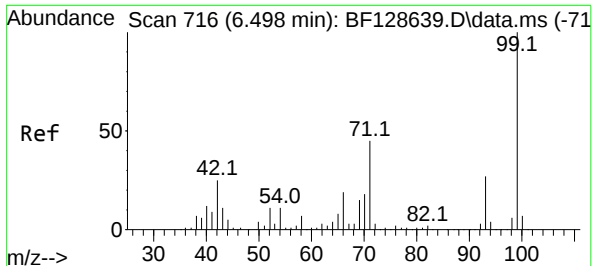
Tgt Ion:152 Resp: 109867
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 14.897 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

Tgt Ion:112 Resp: 102756
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 38.5 28.0 42.0

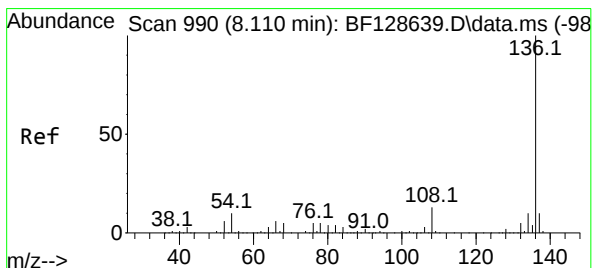
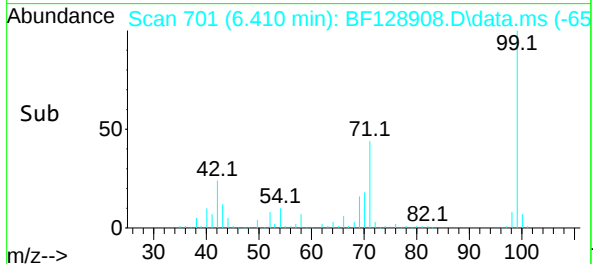
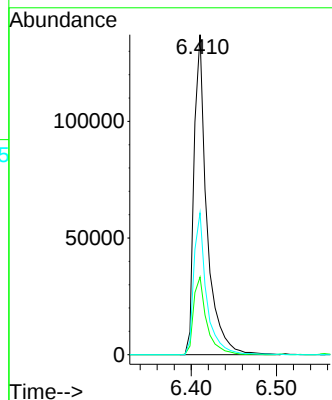
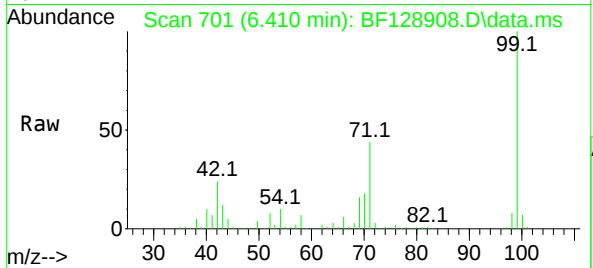




#7
Phenol-d6
Concen: 16.970 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

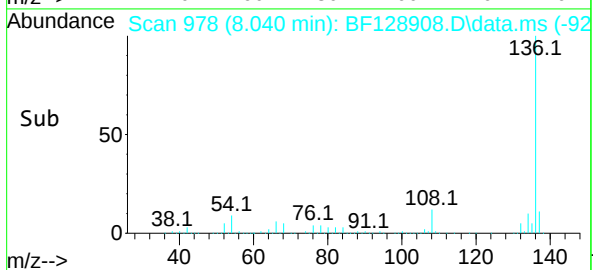
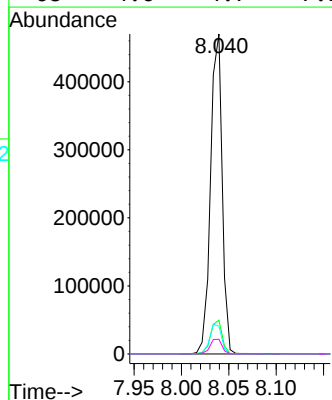
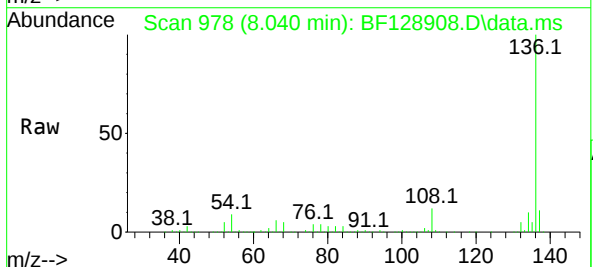
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

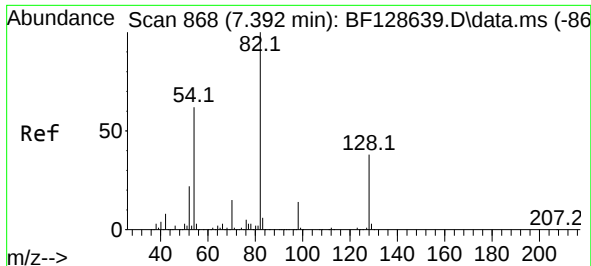
Tgt Ion: 99 Resp: 142883
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 44.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

Tgt Ion: 136 Resp: 399437
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 11.697 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

Instrument :

BNA_F

ClientSampleId :

SC-1NDL

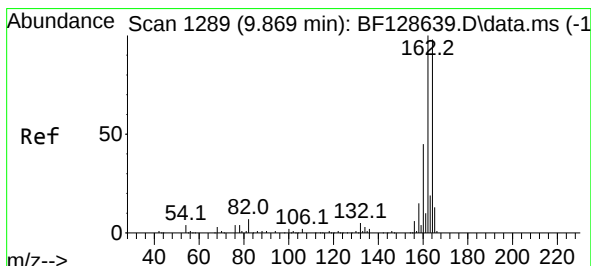
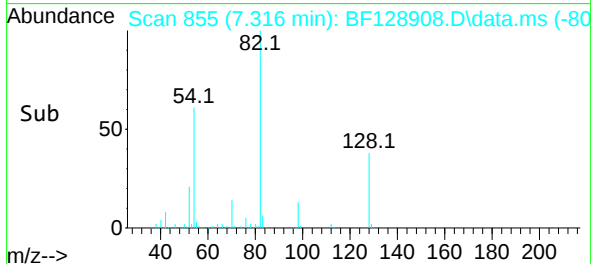
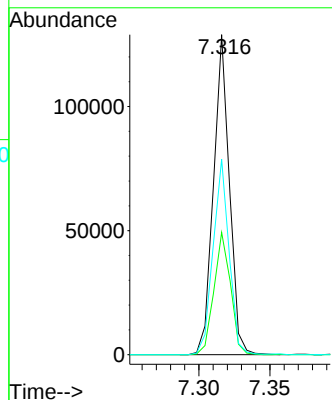
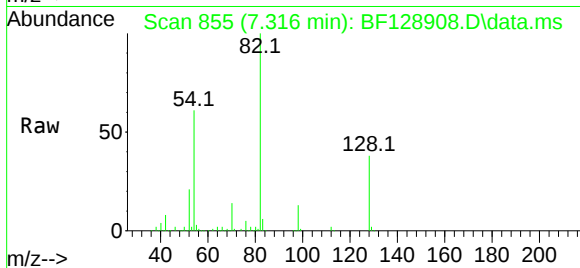
Tgt Ion: 82 Resp: 100347

Ion Ratio Lower Upper

82 100

128 38.2 34.0 51.0

54 61.1 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

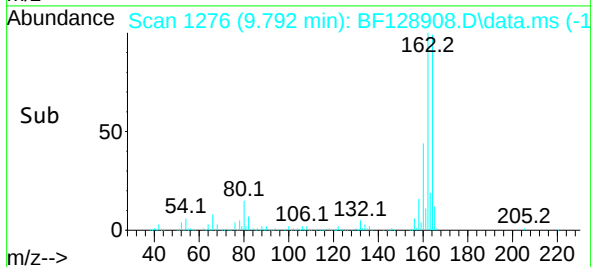
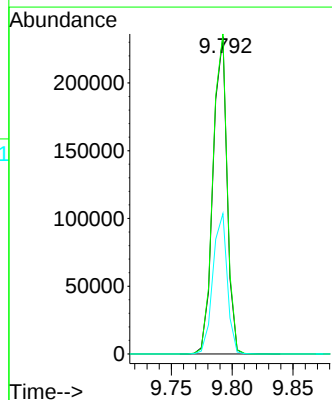
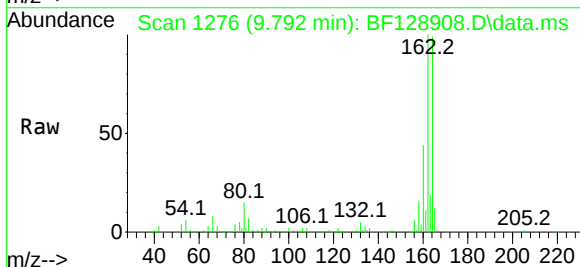
Tgt Ion: 164 Resp: 187940

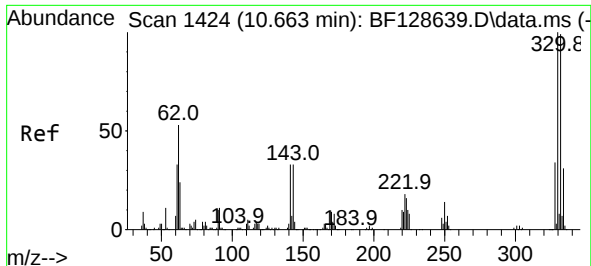
Ion Ratio Lower Upper

164 100

162 100.8 79.5 119.3

160 44.2 34.2 51.4

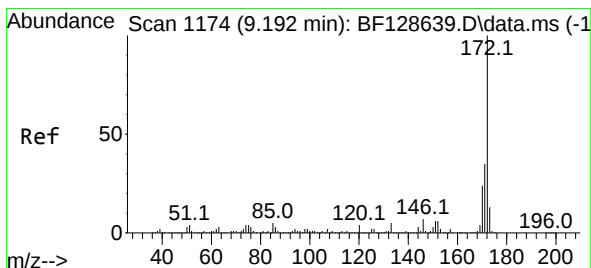
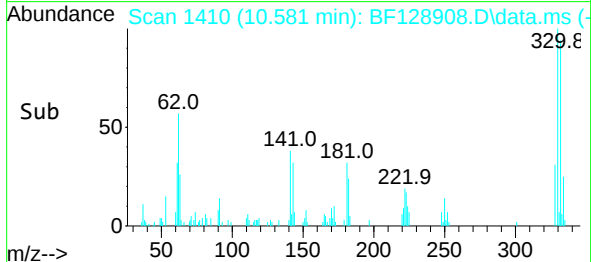
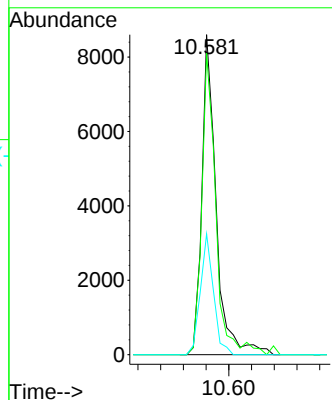
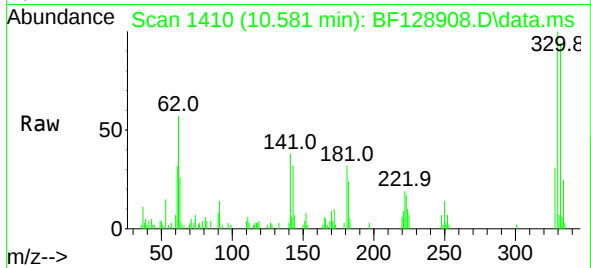




#42
 2,4,6-Tribromophenol
 Concen: 3.390 ng
 RT: 10.581 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: BF128908.D
 Acq: 21 Jun 2022 20:28

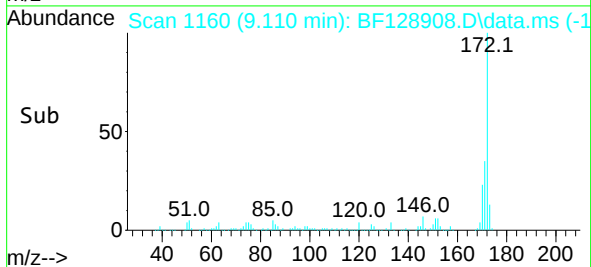
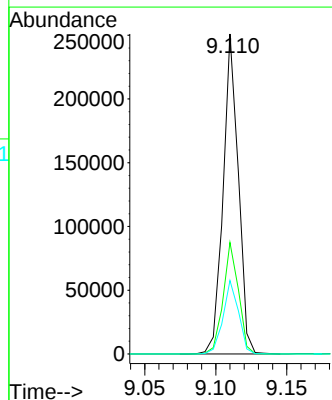
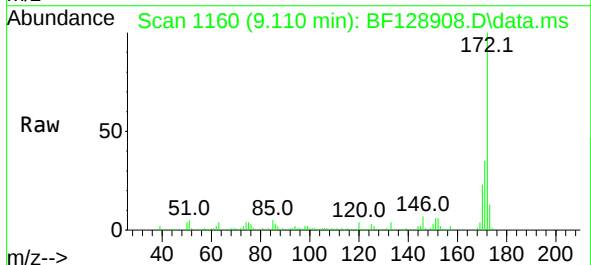
Instrument :
 BNA_F
 ClientSampleId :
 SC-1NDL

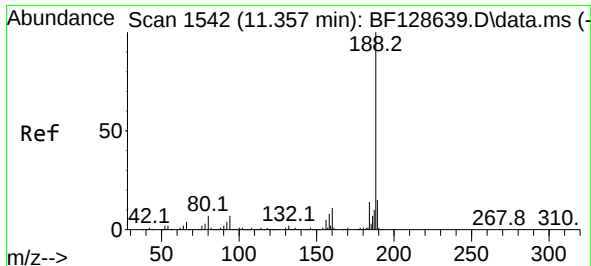
Tgt Ion:330 Resp: 7528
 Ion Ratio Lower Upper
 330 100
 332 92.4 76.8 115.2
 141 34.7 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 13.858 ng
 RT: 9.110 min Scan# 1160
 Delta R.T. -0.006 min
 Lab File: BF128908.D
 Acq: 21 Jun 2022 20:28

Tgt Ion:172 Resp: 185922
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.8 43.2
 170 22.9 19.8 29.8

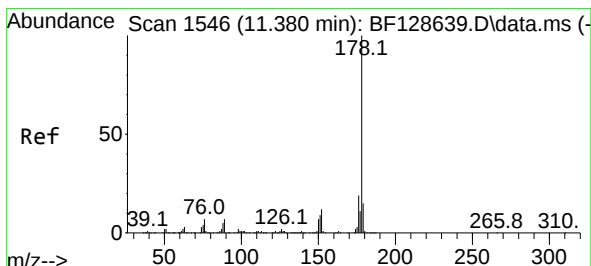
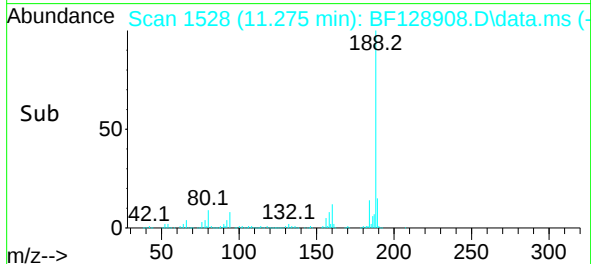
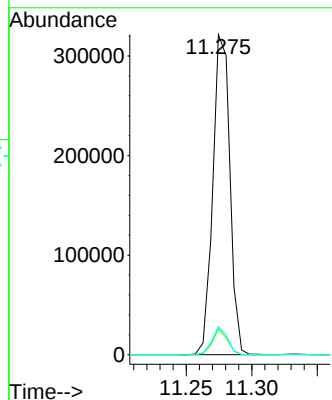
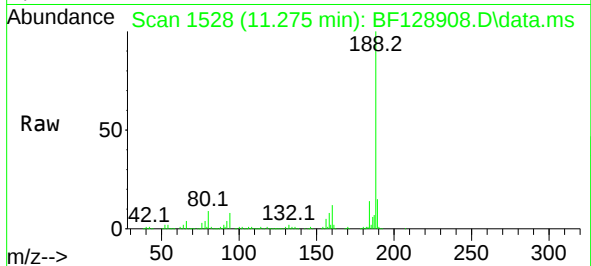




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

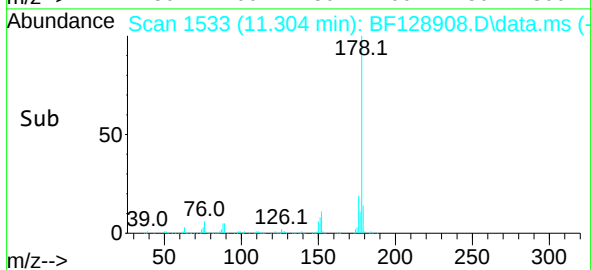
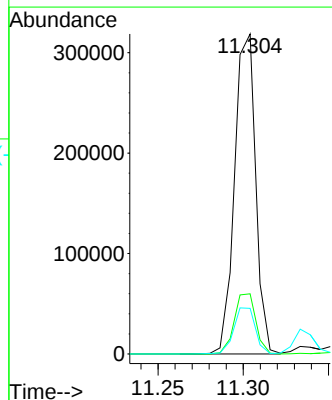
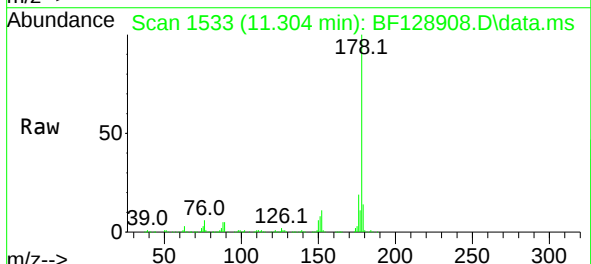
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

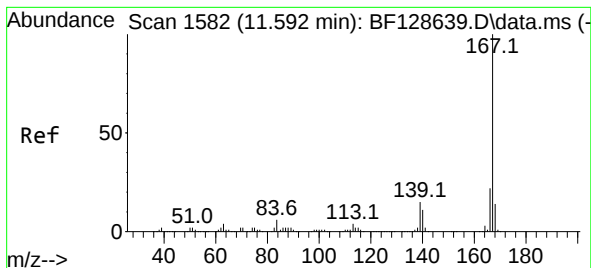
Tgt Ion:188 Resp: 290608
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.8 7.6 11.4



#71
Phenanthrene
Concen: 18.876 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

Tgt Ion:178 Resp: 275149
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 14.3 12.6 19.0





#73

Carbazole

Concen: 2.800 ng

RT: 11.510 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

Instrument :

BNA_F

ClientSampleId :

SC-1NDL

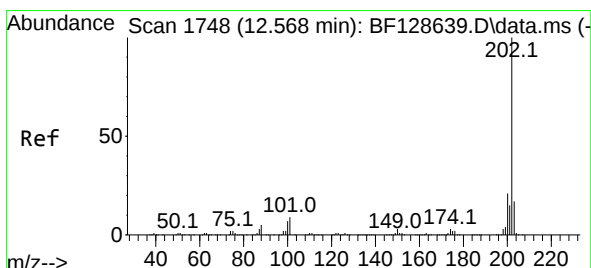
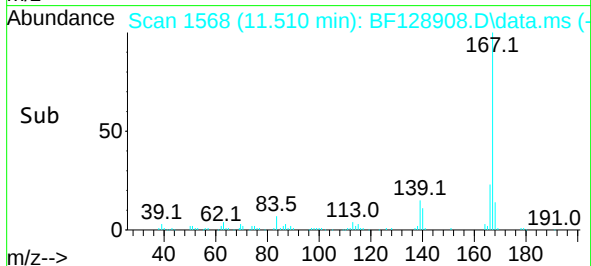
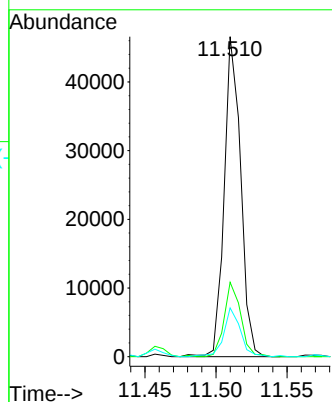
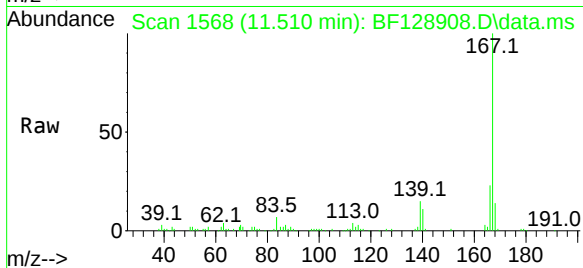
Tgt Ion:167 Resp: 37518

Ion Ratio Lower Upper

167 100

166 23.3 17.7 26.5

139 15.2 11.2 16.8



#75

Fluoranthene

Concen: 33.918 ng

RT: 12.492 min Scan# 1735

Delta R.T. -0.006 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

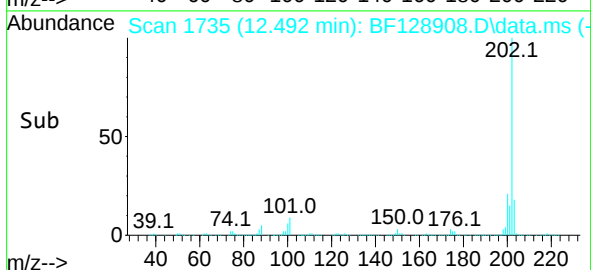
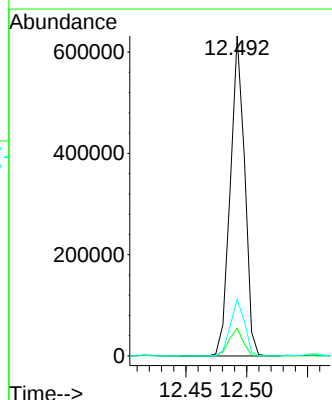
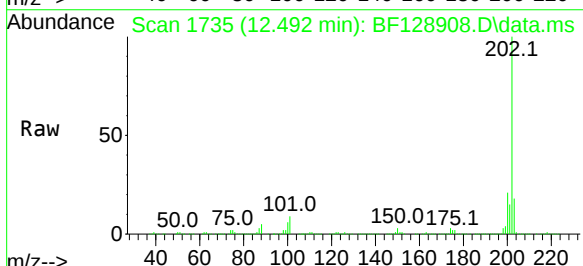
Tgt Ion:202 Resp: 516796

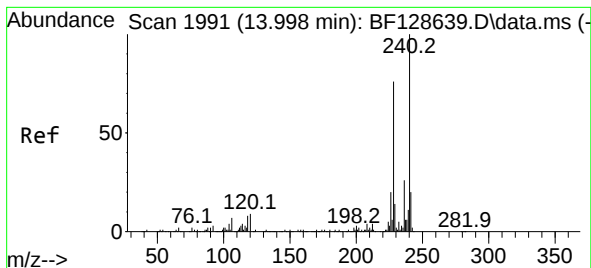
Ion Ratio Lower Upper

202 100

101 8.7 0.0 31.4

203 17.7 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.921 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

Instrument :

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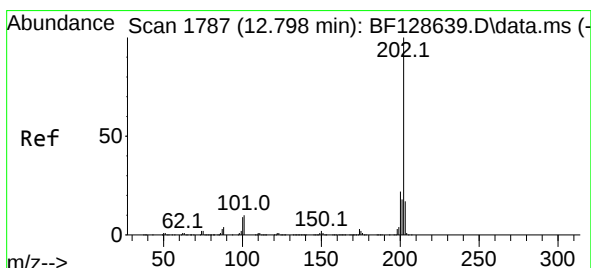
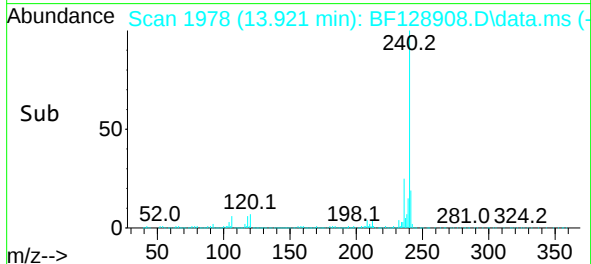
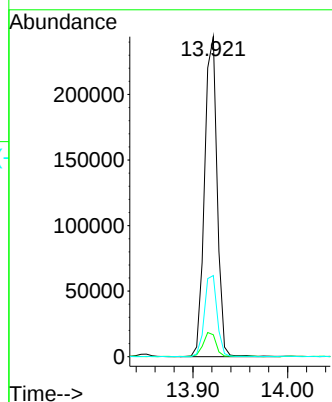
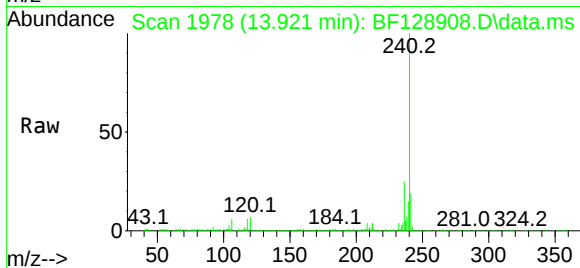
Tgt Ion:240 Resp: 225144

Ion Ratio Lower Upper

240 100

120 6.9 8.9 13.3#

236 25.4 20.8 31.2



#78

Pyrene

Concen: 15.017 ng

RT: 12.722 min Scan# 1774

Delta R.T. -0.006 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

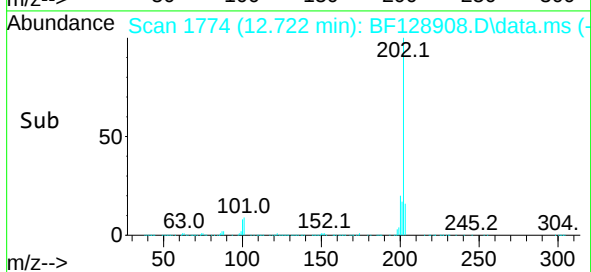
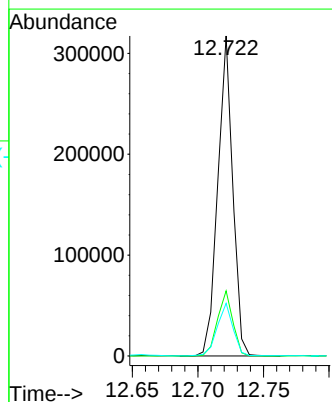
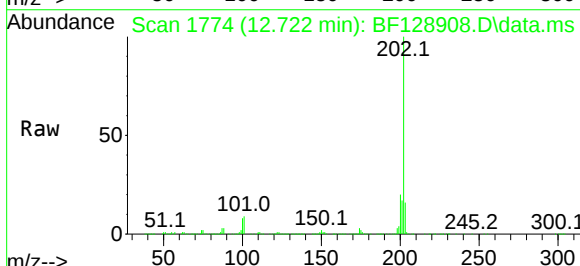
Tgt Ion:202 Resp: 251537

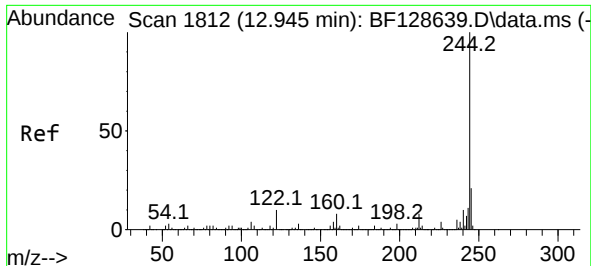
Ion Ratio Lower Upper

202 100

200 20.4 17.7 26.5

203 16.5 14.6 21.8

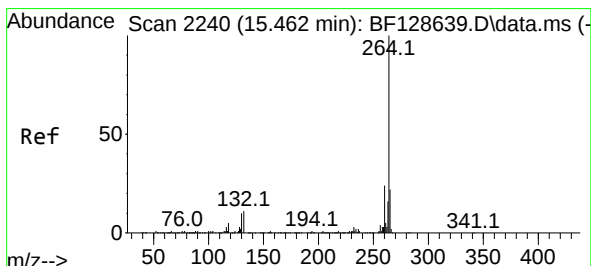
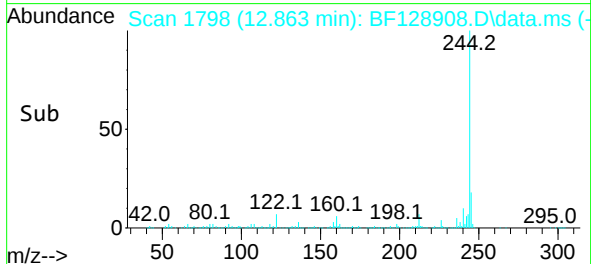
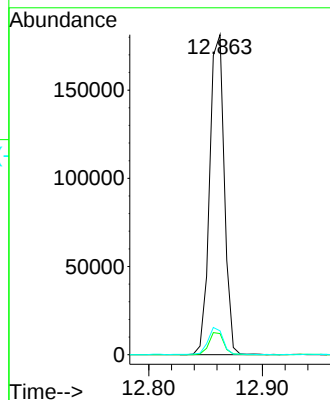
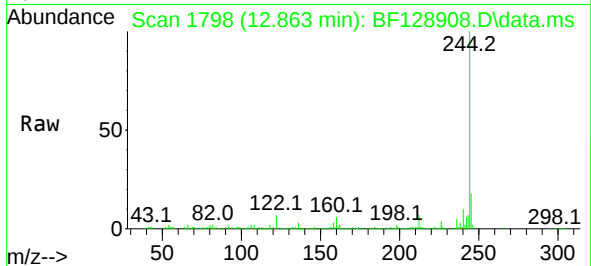




#79
 Terphenyl-d14
 Concen: 12.530 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128908.D
 Acq: 21 Jun 2022 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SC-1NDL

Tgt Ion:244 Resp: 162344
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 7.5 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.363 min Scan# 2223
 Delta R.T. 0.000 min
 Lab File: BF128908.D
 Acq: 21 Jun 2022 20:28

Tgt Ion:264 Resp: 162720
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.6 17.2 25.8

