

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)

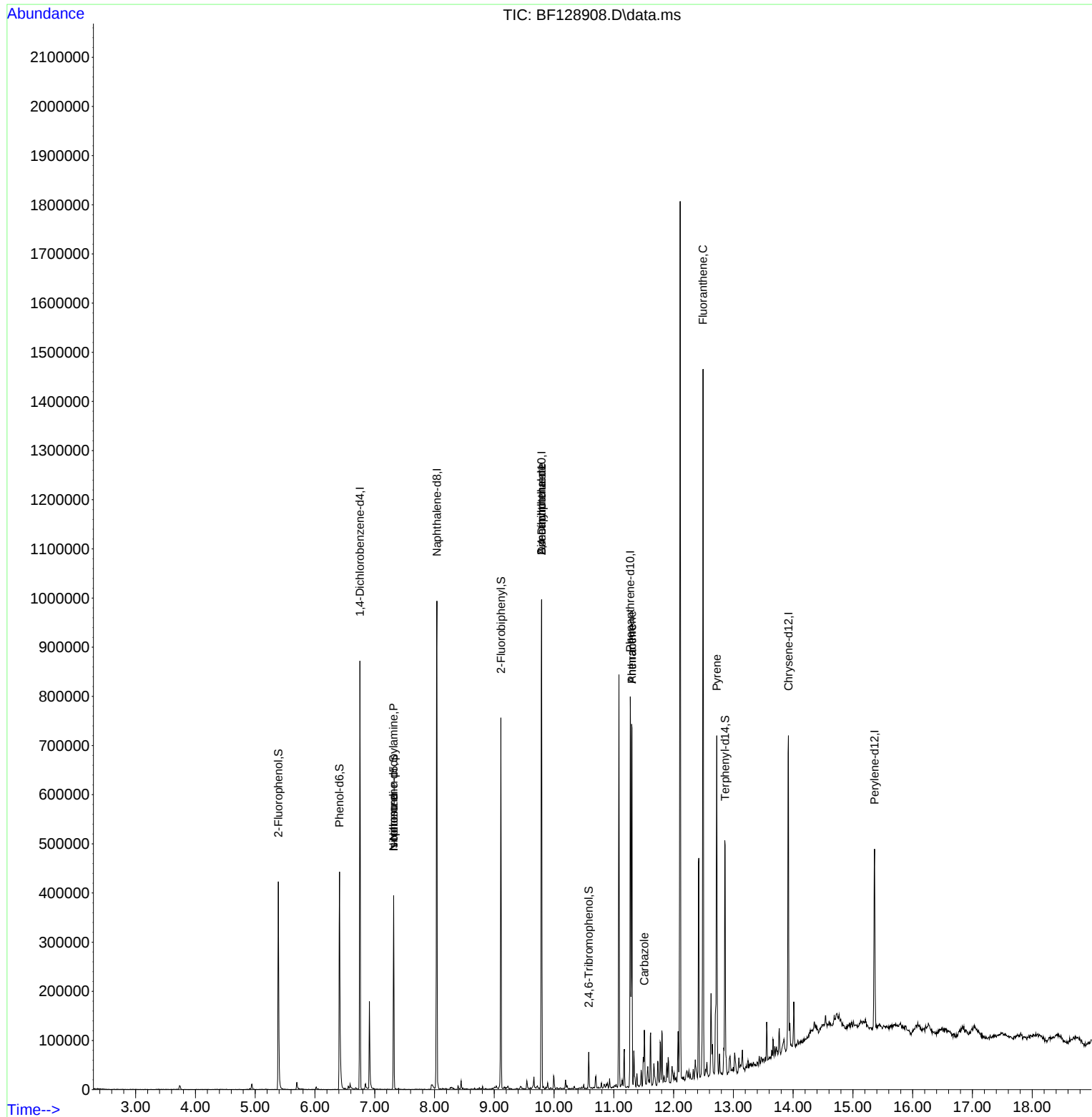
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	109867	20.00	ng	0.00
21) Naphthalene-d8	8.040	136	399437	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	187940	20.00	ng	0.00
64) Phenanthrene-d10	11.275	188	290608	20.00	ng	0.00
76) Chrysene-d12	13.921	240	225144	20.00	ng	# 0.00
86) Perylene-d12	15.363	264	162720	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	102756	14.90	ng	0.00
7) Phenol-d6	6.410	99	142883	16.97	ng	0.00
23) Nitrobenzene-d5	7.316	82	100347	11.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.581	330	7528	3.39	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	185922	13.86	ng	0.00
79) Terphenyl-d14	12.863	244	162344	12.53	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.316	70	14186	2.71	ng	# 80
25) Isophorone	7.316	82	100013	7.68	ng	# 65
50) Dimethylphthalate	9.792	163	36196	2.81	ng	# 1
57) 2,4-Dinitrotoluene	9.792	165	23971	7.07	ng	# 21
71) Phenanthrene	11.304	178	275149	18.88	ng	97
72) Anthracene	11.304	178	275149	19.07	ng	98
73) Carbazole	11.510	167	37518	2.80	ng	97
75) Fluoranthene	12.492	202	516796	33.92	ng	97
78) Pyrene	12.722	202	251537	15.02	ng	96

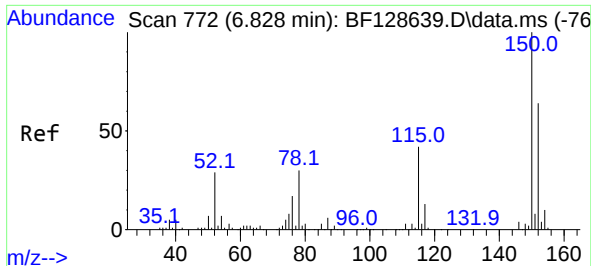
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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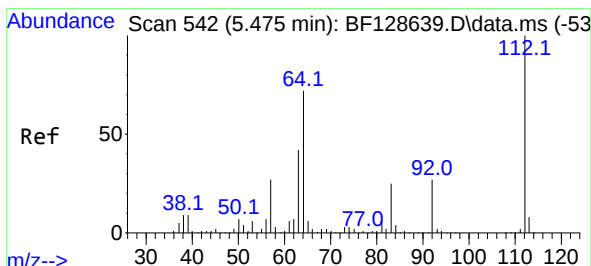
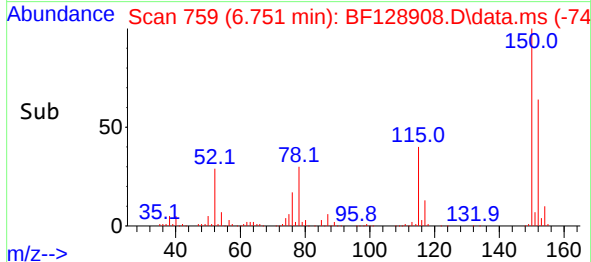
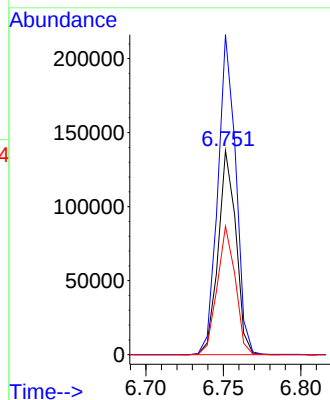
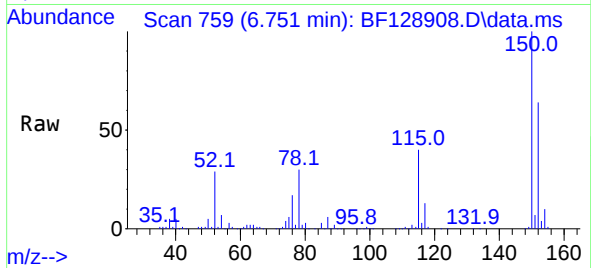




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

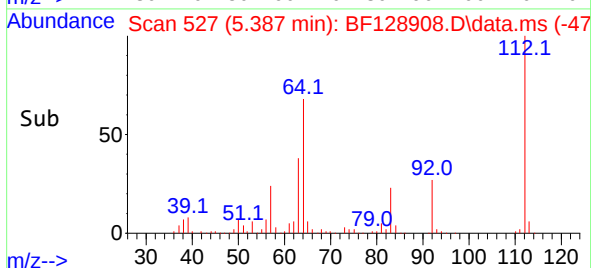
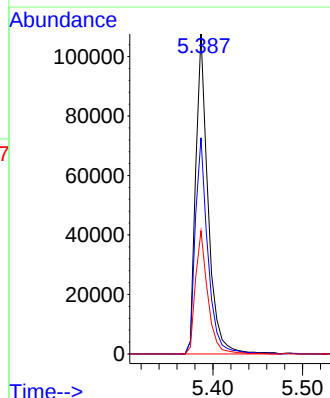
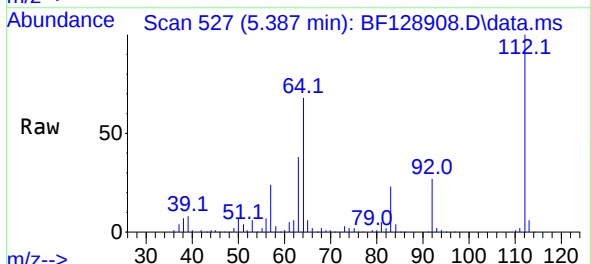
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

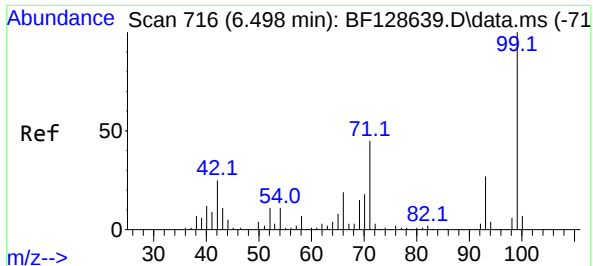
Tgt Ion:152 Resp: 109867
Ion Ratio Lower Upper
152 100
150 156.8 123.7 185.5
115 63.0 49.9 74.9



#5
2-Fluorophenol
Concen: 14.90 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

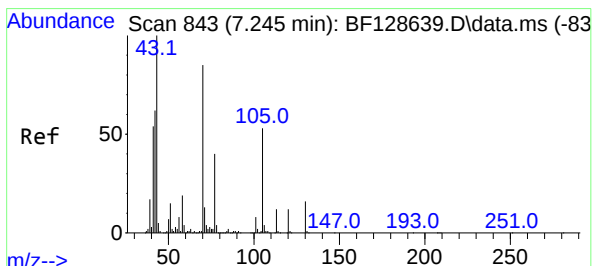
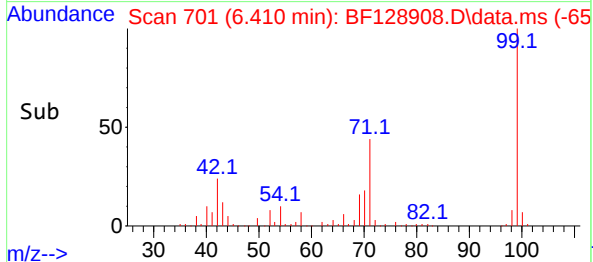
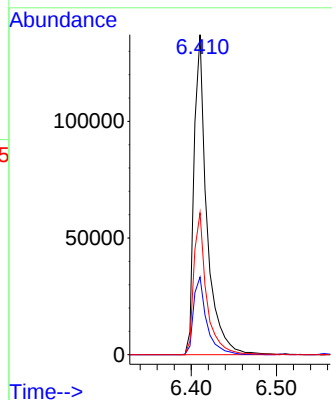
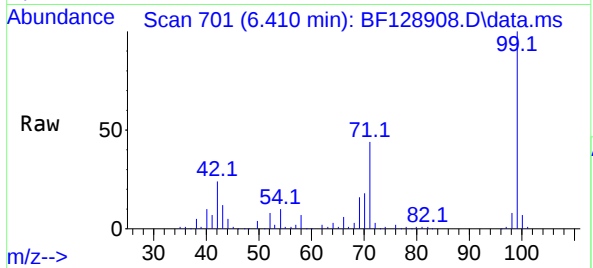




#7
Phenol-d6
Concen: 16.97 ng
RT: 6.410 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

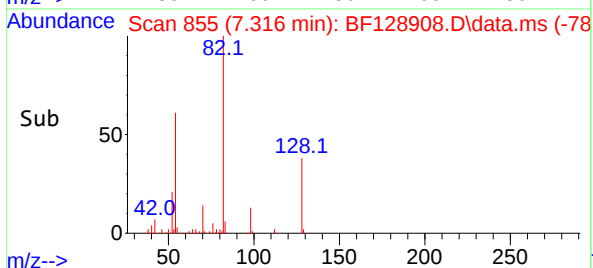
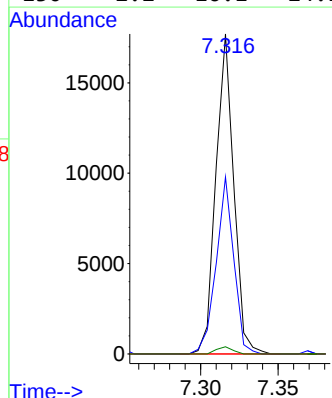
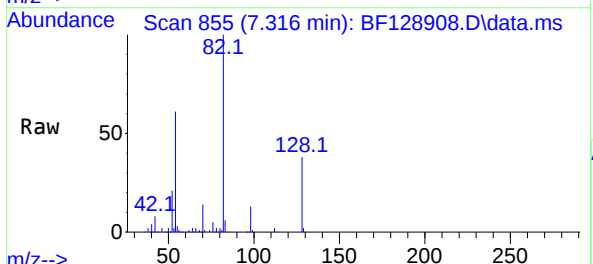
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

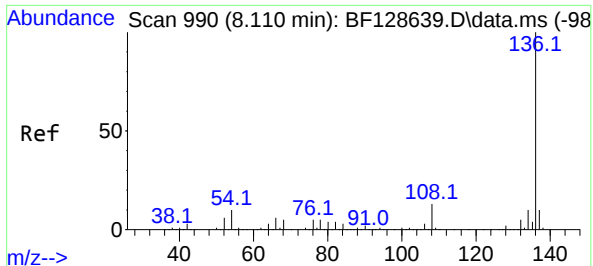
Tgt Ion: 99 Resp: 142883
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 2.71 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.135 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

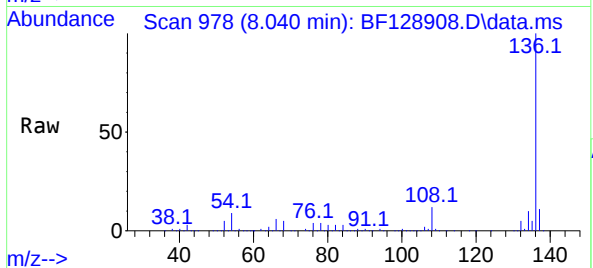
Tgt Ion: 70 Resp: 14186
Ion Ratio Lower Upper
70 100
42 55.3 52.3 78.5
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



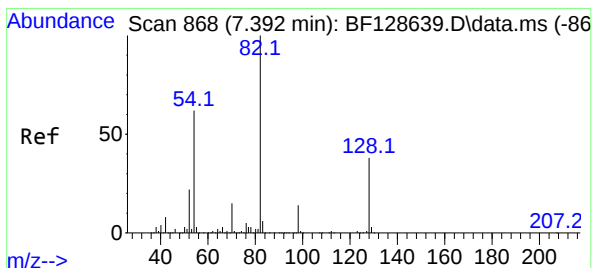
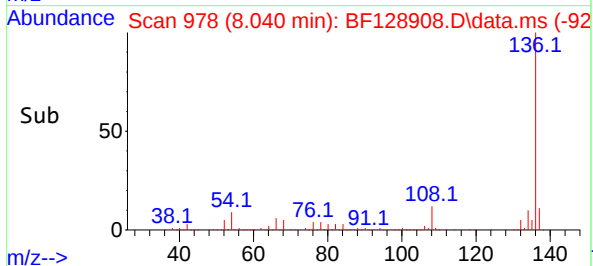
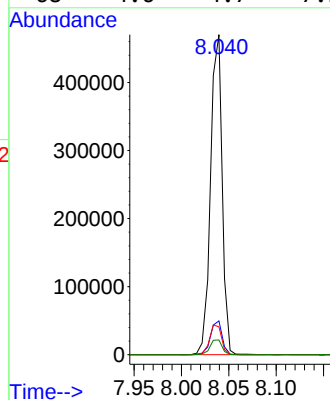


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.040 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

Instrument :
BNA_F
ClientSampleId :
SC-1NDL

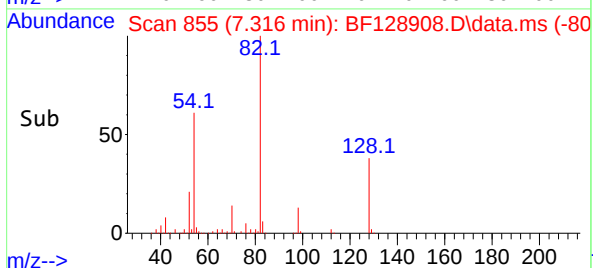
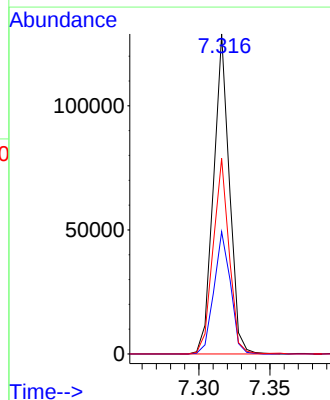
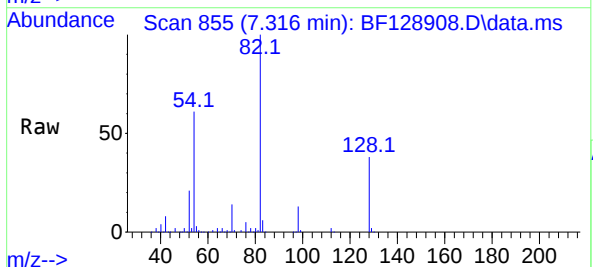


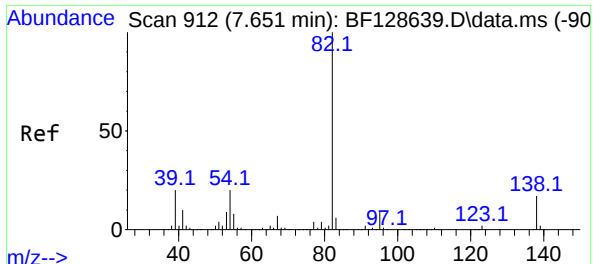
Tgt Ion:136 Resp: 399437
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.7 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 11.70 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

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

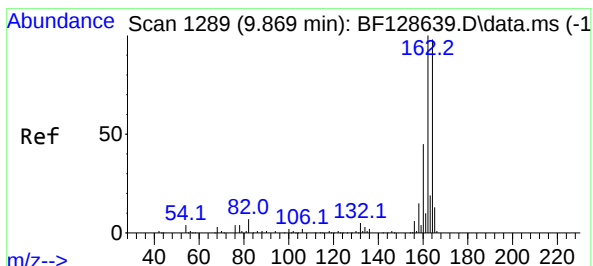
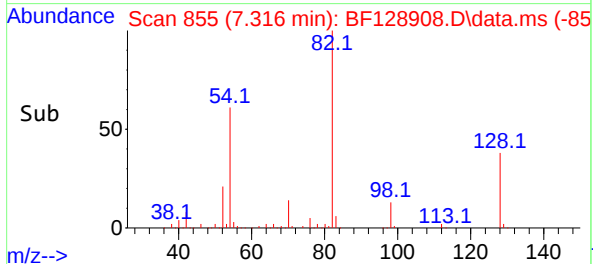
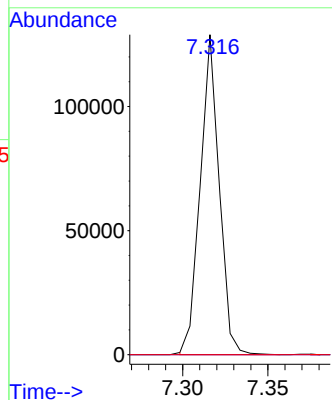
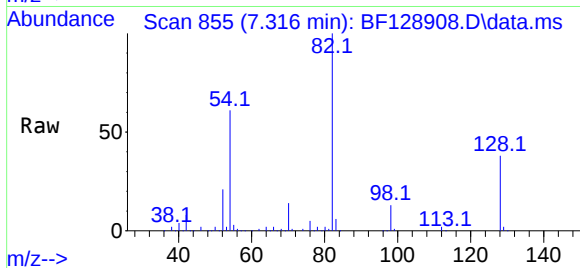




#25
Isophorone
Concen: 7.68 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

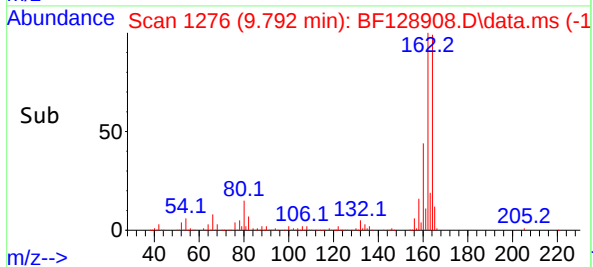
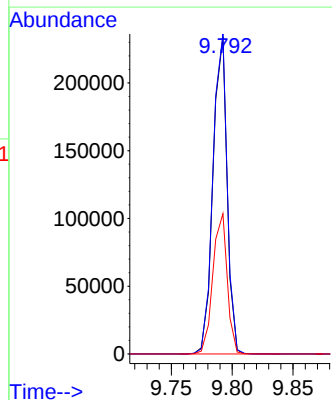
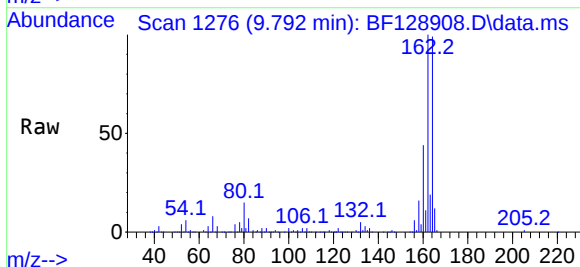
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

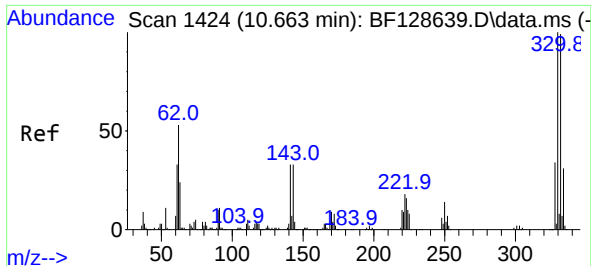
Tgt Ion: 82 Resp: 100013
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.00 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: 3.39 ng

RT: 10.581 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF128908.D

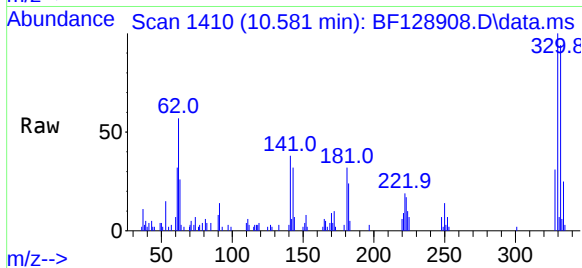
Acq: 21 Jun 2022 20:28

Instrument :

BNA_F

ClientSampleId :

SC-1NDL



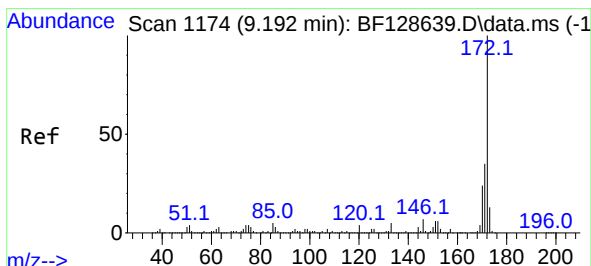
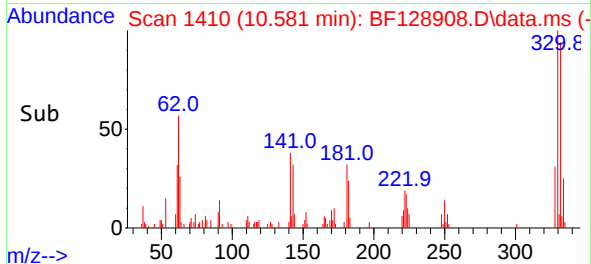
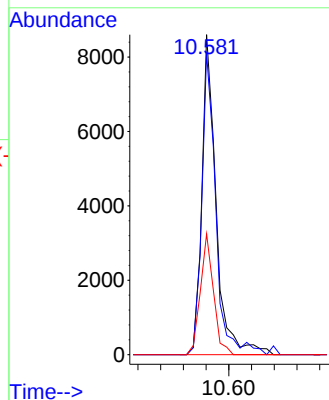
Tgt Ion:330 Resp: 7528

Ion Ratio Lower Upper

330 100

332 92.4 76.8 115.2

141 34.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 13.86 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128908.D

Acq: 21 Jun 2022 20:28

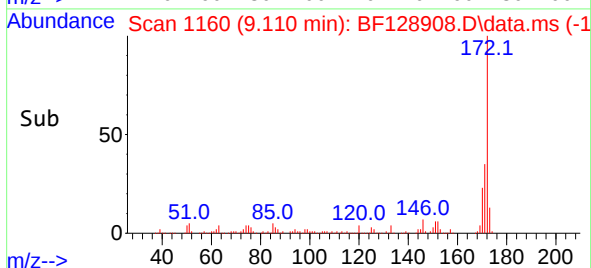
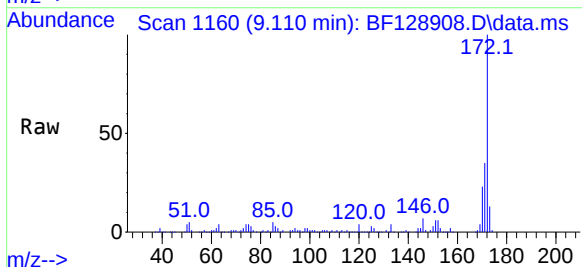
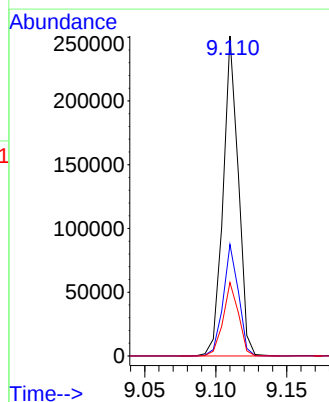
Tgt Ion:172 Resp: 185922

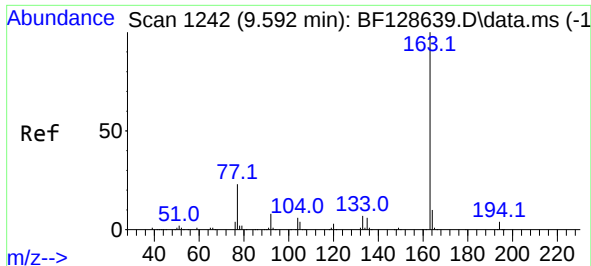
Ion Ratio Lower Upper

172 100

171 34.8 28.8 43.2

170 22.9 19.8 29.8

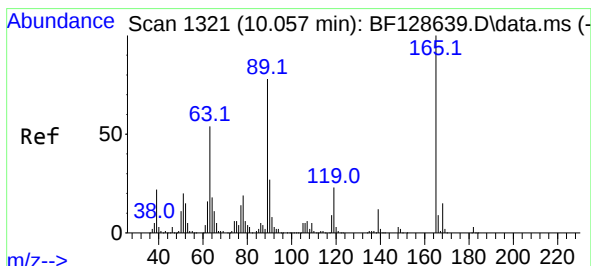
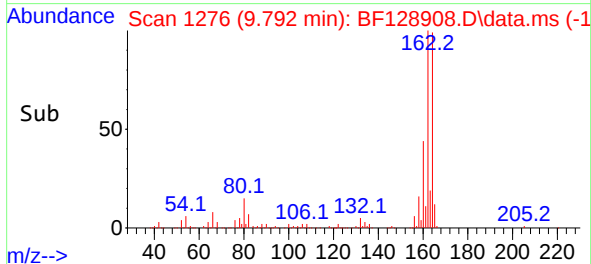
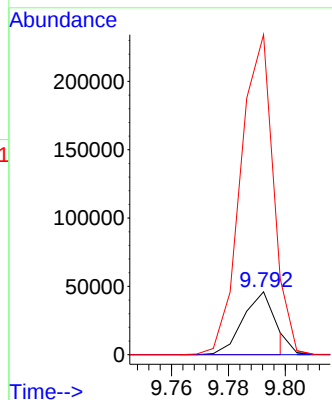
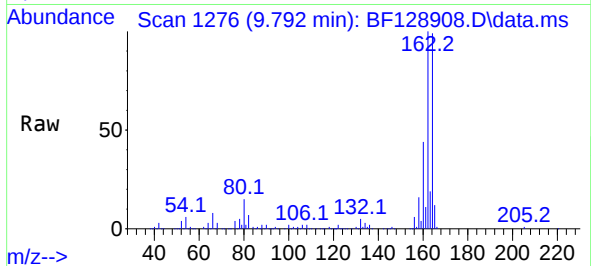




#50
Dimethylphthalate
Concen: 2.81 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

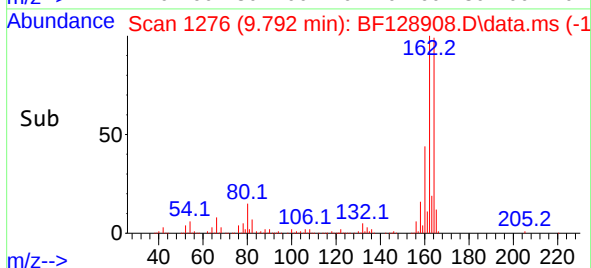
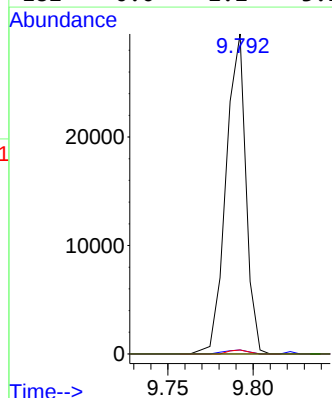
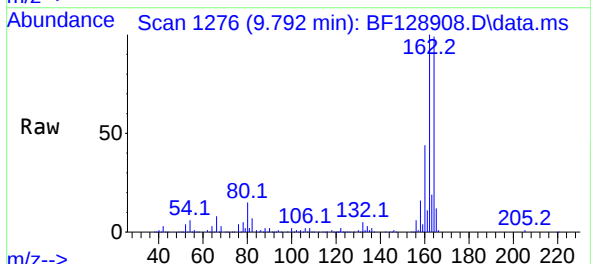
Instrument :
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SC-1NDL

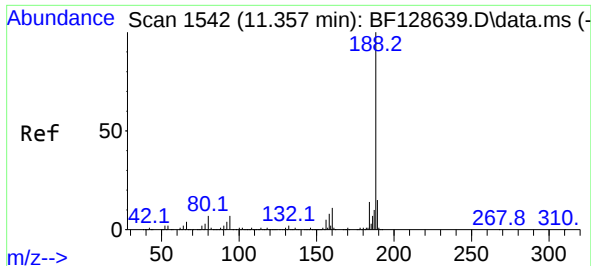
Tgt Ion:163 Resp: 36196
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 509.0 8.2 12.2#



#57
2,4-Dinitrotoluene
Concen: 7.07 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.200 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

Tgt Ion:165 Resp: 23971
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.3 60.2 90.2#
182 0.0 2.2 3.2#

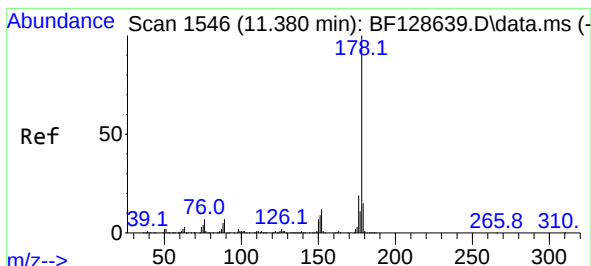
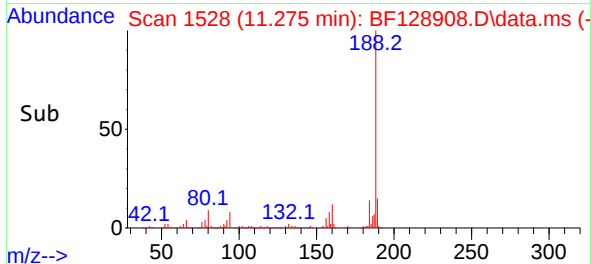
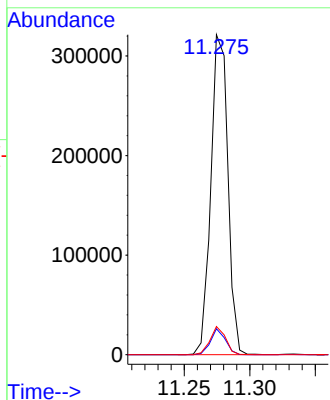
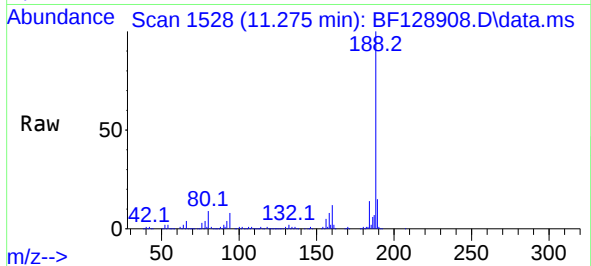




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

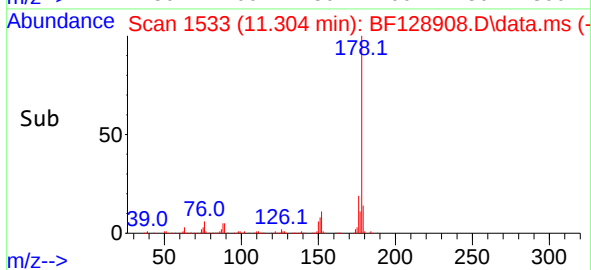
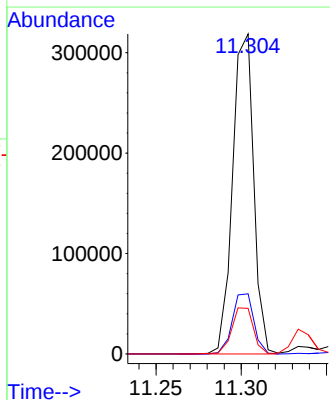
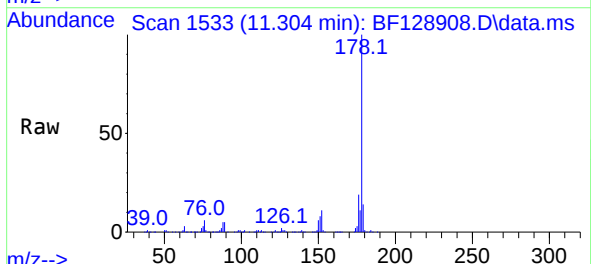
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

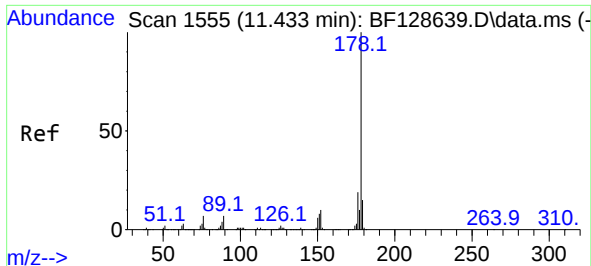
Tgt Ion:188 Resp: 290608
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.8 7.6 11.4



#71
Phenanthrene
Concen: 18.88 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

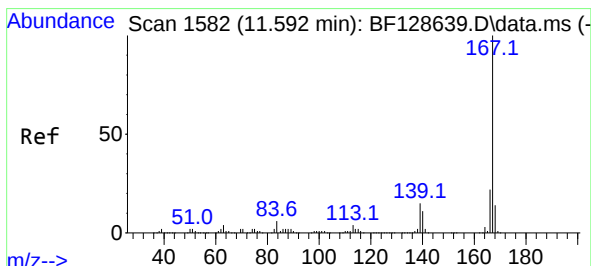
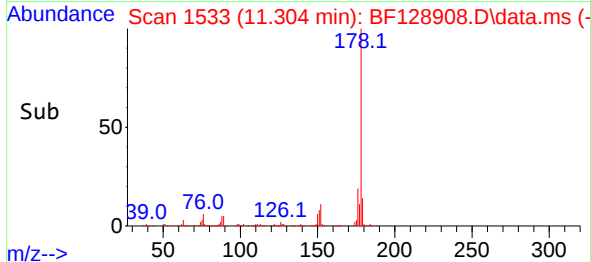
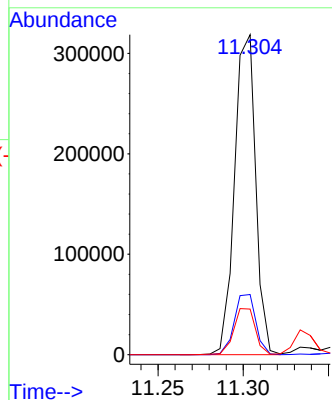
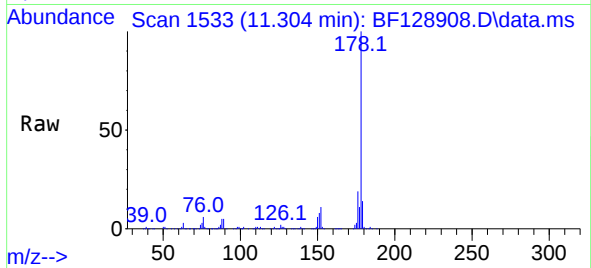




#72
Anthracene
Concen: 19.07 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

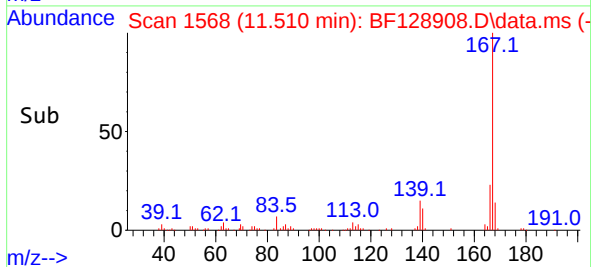
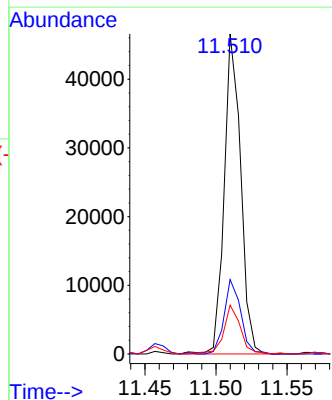
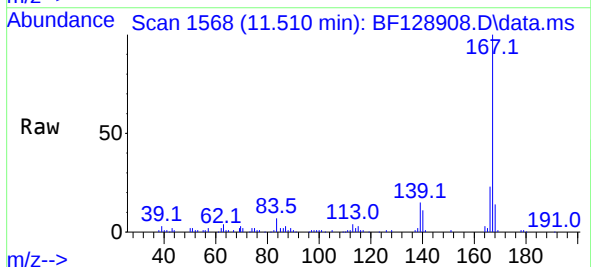
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

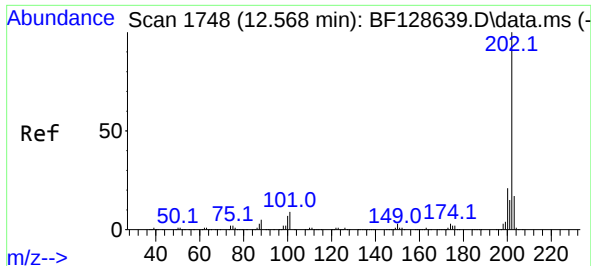
Tgt Ion:178 Resp: 275149
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 14.3 12.6 19.0



#73
Carbazole
Concen: 2.80 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

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

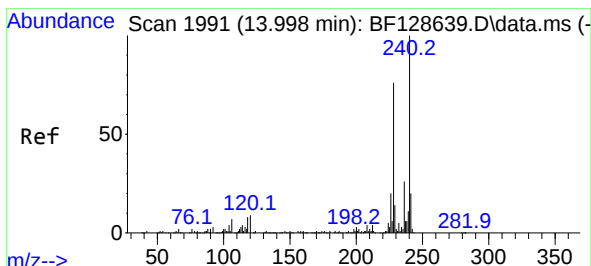
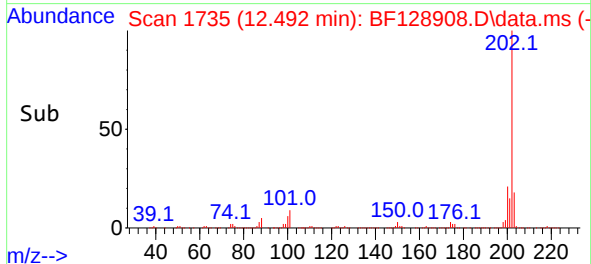
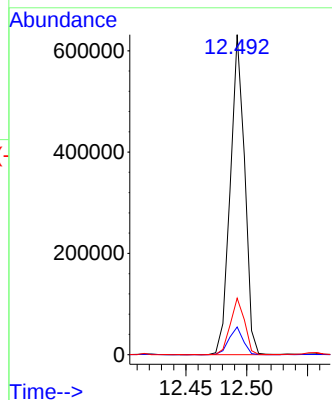
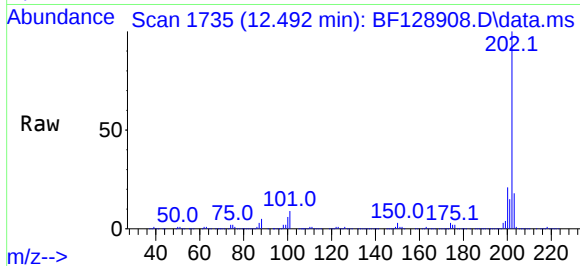




#75
Fluoranthene
Concen: 33.92 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

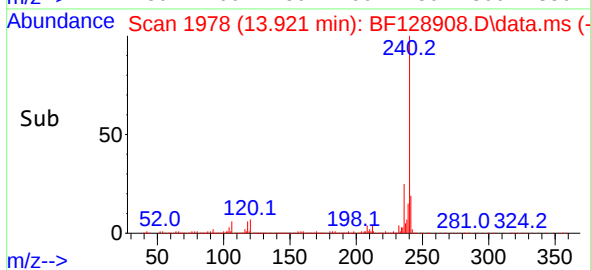
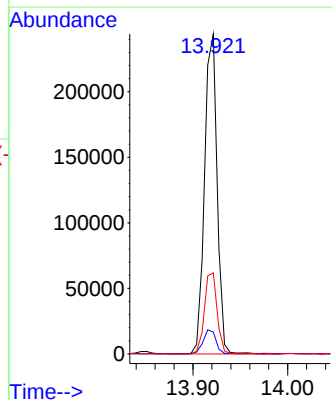
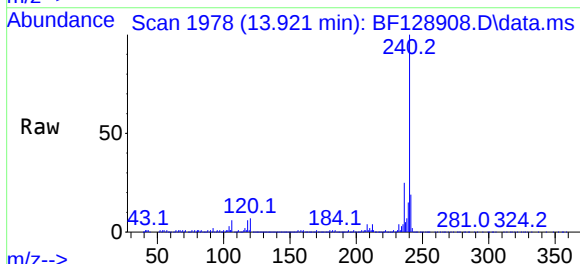
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

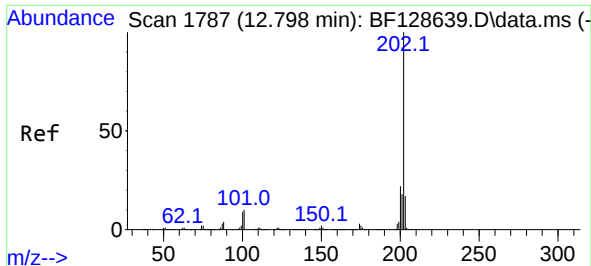
Tgt Ion:202 Resp: 516796
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 17.7 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

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

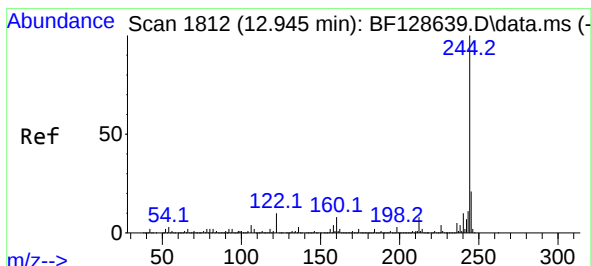
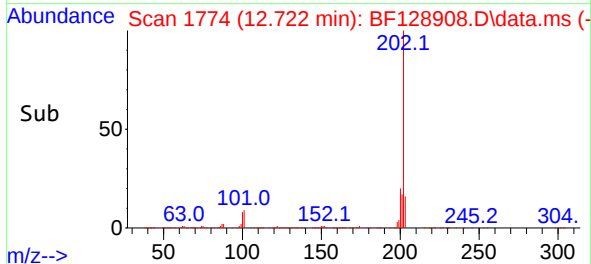
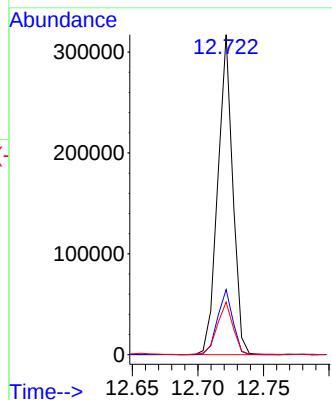
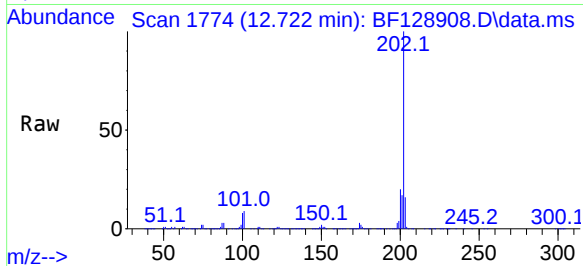




#78
Pyrene
Concen: 15.02 ng
RT: 12.722 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

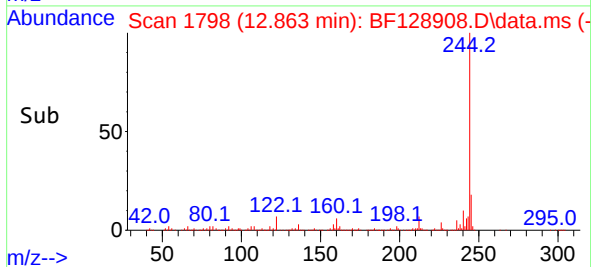
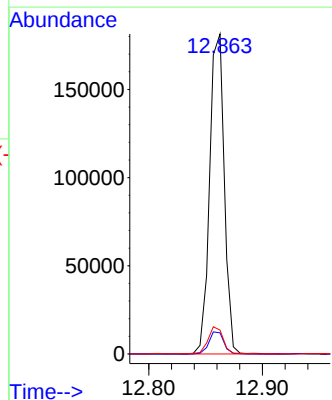
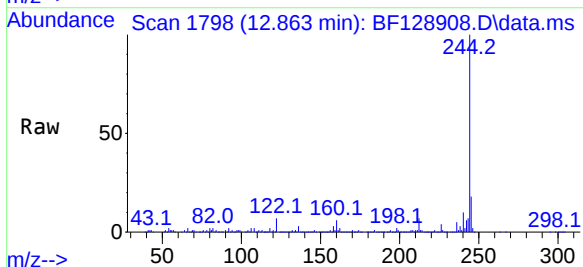
Instrument :
BNA_F
ClientSampleId :
SC-1NDL

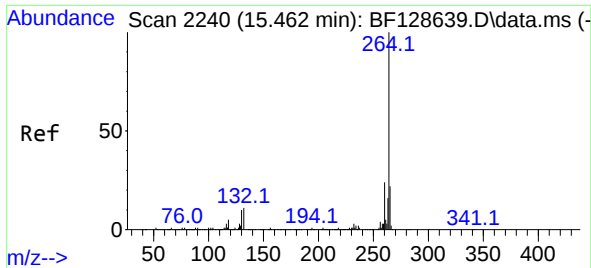
Tgt Ion:202 Resp: 251537
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 16.5 14.6 21.8



#79
Terphenyl-d14
Concen: 12.53 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128908.D
Acq: 21 Jun 2022 20:28

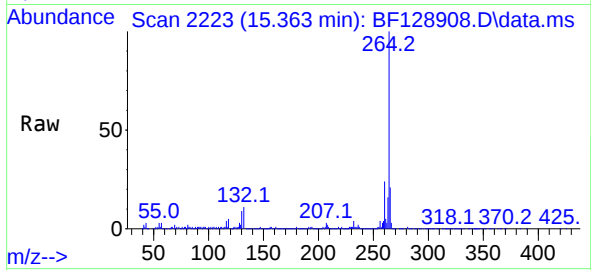
Tgt Ion:244 Resp: 162344
Ion Ratio Lower Upper
244 100
212 6.6 6.1 9.1
122 7.5 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.363 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF128908.D
 Acq: 21 Jun 2022 20:28

Instrument :
 BNA_F
 ClientSampleId :
 SC-1NDL



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

