

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128936.D
 Acq On : 22 Jun 2022 17:25
 Operator : CG\JU
 Sample : N3373-07DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6EDL

Quant Time: Jun 23 01:30:37 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)

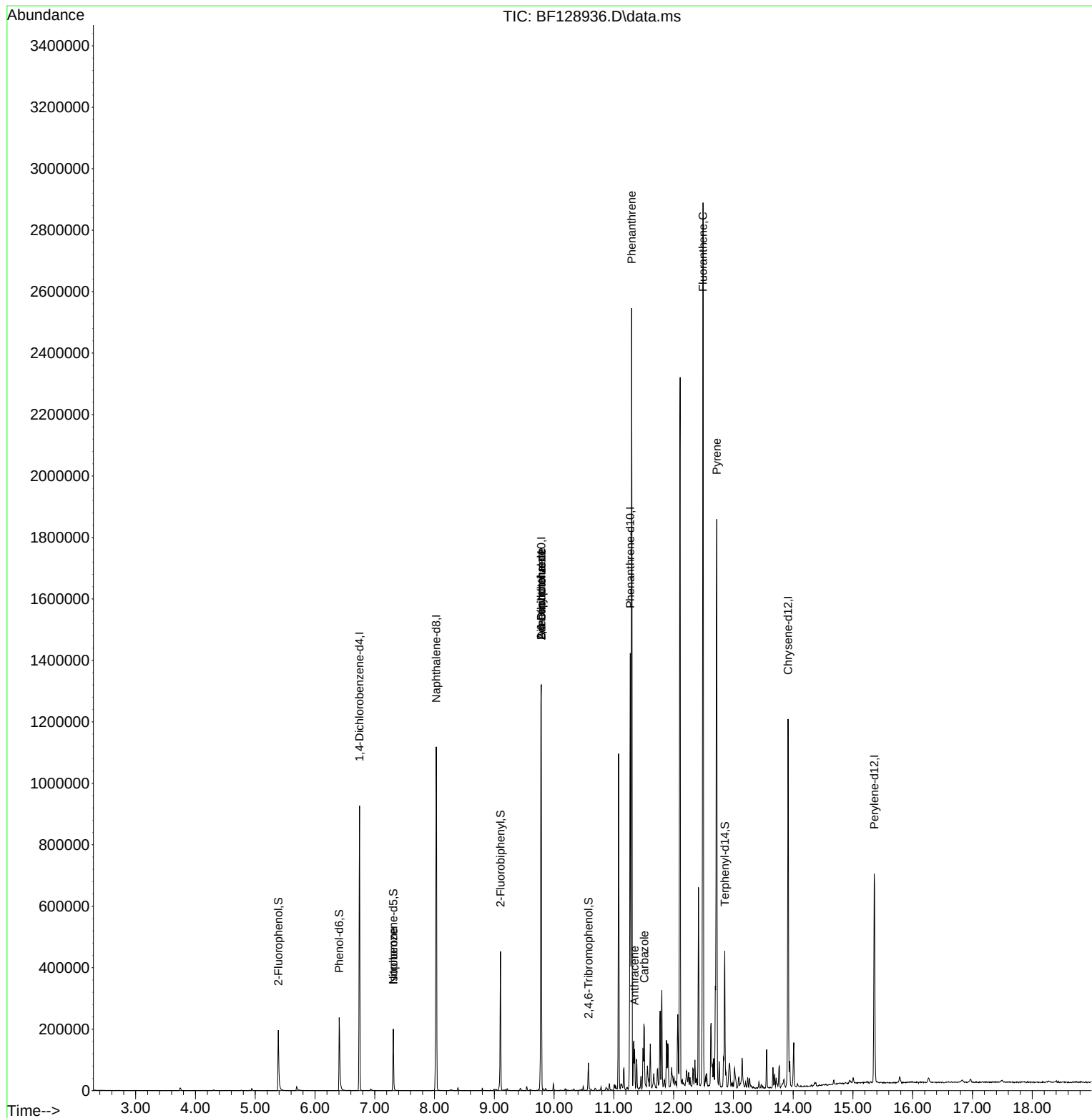
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	127472	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	487059	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	283089	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	508464	20.000	ng	0.00
76) Chrysene-d12	13.915	240	389056	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	306996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	55425	6.926	ng	0.00
7) Phenol-d6	6.404	99	82036	8.398	ng	-0.01
23) Nitrobenzene-d5	7.310	82	57188	5.467	ng	-0.02
42) 2,4,6-Tribromophenol	10.575	330	8678	2.594	ng	-0.01
45) 2-Fluorobiphenyl	9.104	172	122994	6.086	ng	-0.01
79) Terphenyl-d14	12.857	244	138936	6.205	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.310	82	57188	3.599	ng	# 65
50) Dimethylphthalate	9.786	163	52015	2.684	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	36516	9.548	ng	# 26
57) 2,4-Dinitrotoluene	9.786	165	36516	7.155	ng	# 22
71) Phenanthrene	11.298	178	898631	35.236	ng	99
72) Anthracene	11.345	178	56360	2.233	ng	96
73) Carbazole	11.510	167	78850	3.363	ng	97
75) Fluoranthene	12.492	202	1117848	41.932	ng	97
78) Pyrene	12.721	202	748038	25.843	ng	99

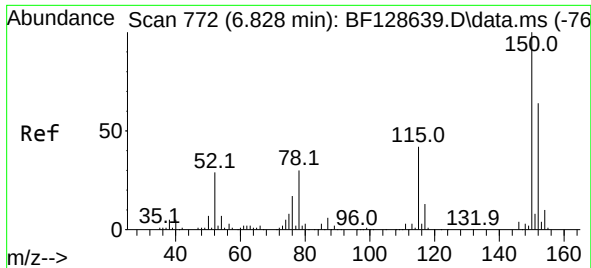
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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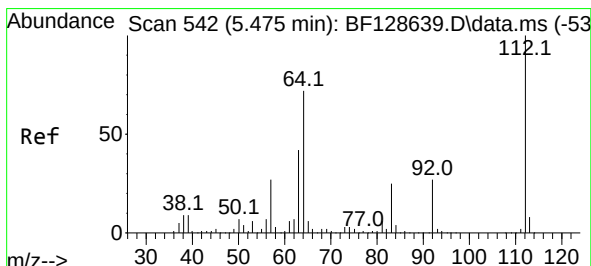
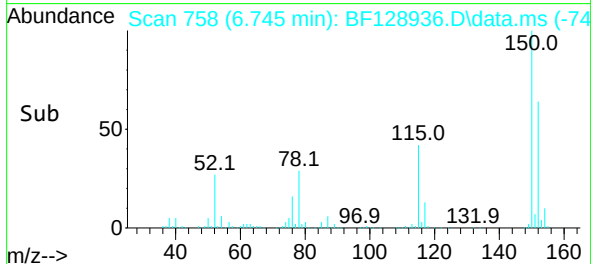
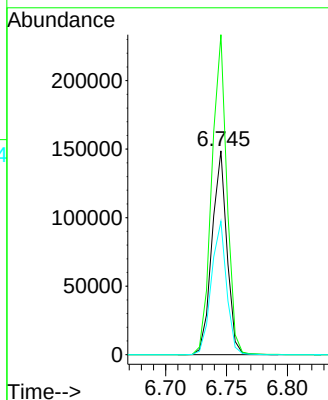
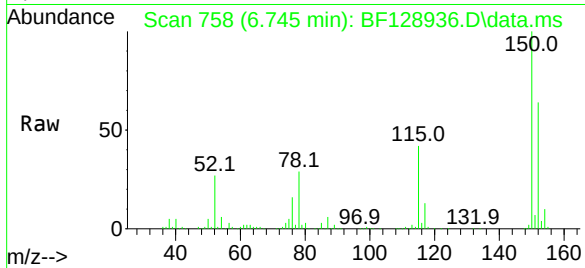




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

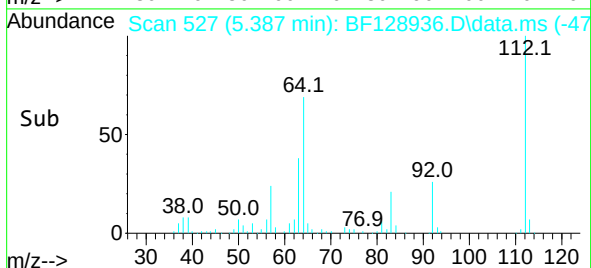
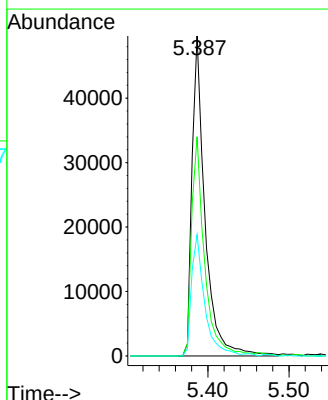
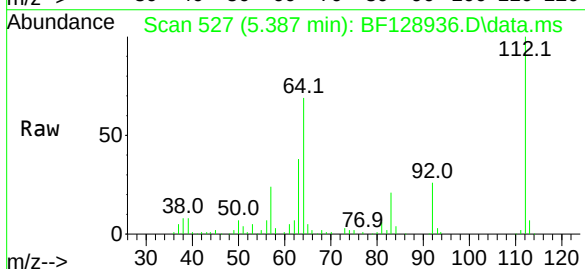
Instrument :
 BNA_F
 ClientSampleId :
 SC-6EDL

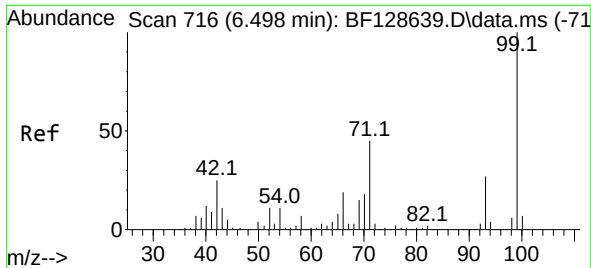
Tgt Ion:152 Resp: 127472
 Ion Ratio Lower Upper
 152 100
 150 157.0 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 6.926 ng
 RT: 5.387 min Scan# 527
 Delta R.T. -0.000 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

Tgt Ion:112 Resp: 55425
 Ion Ratio Lower Upper
 112 100
 64 68.5 53.3 79.9
 63 37.9 28.0 42.0

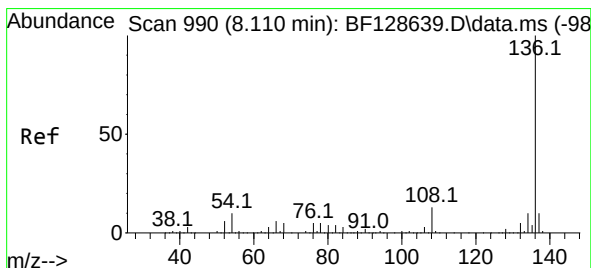
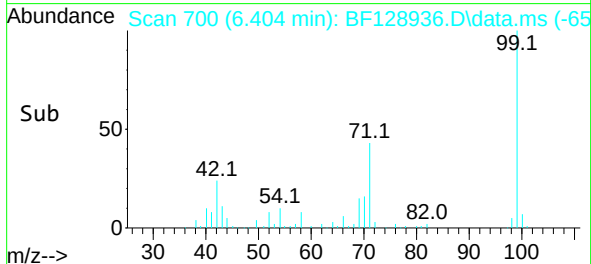
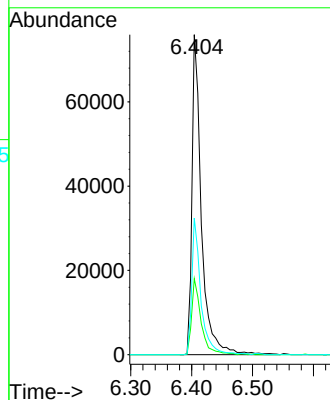
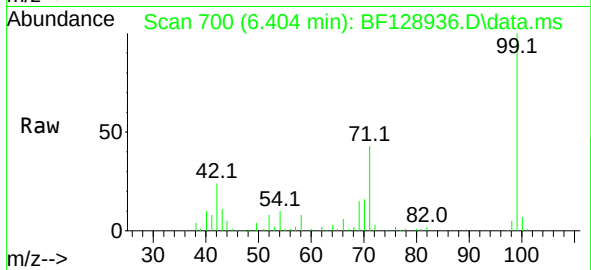




#7
Phenol-d6
Concen: 8.398 ng
RT: 6.404 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

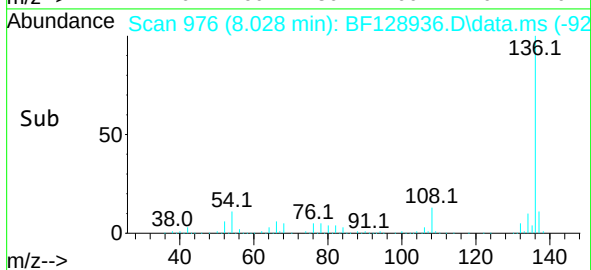
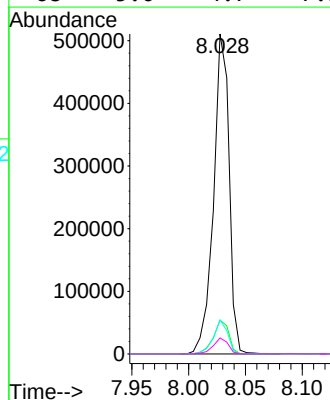
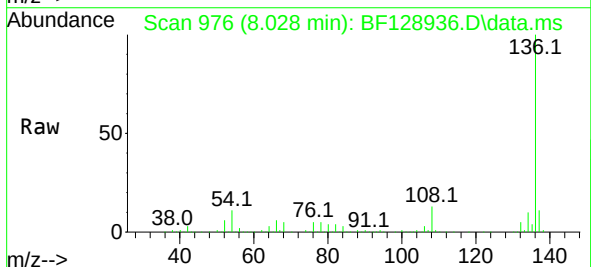
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

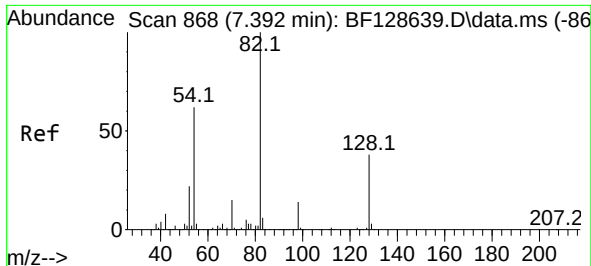
Tgt Ion: 99 Resp: 82036
Ion Ratio Lower Upper
99 100
42 23.7 17.3 25.9
71 42.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 976
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion: 136 Resp: 487059
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 10.6 7.5 11.3
68 5.0 4.7 7.1

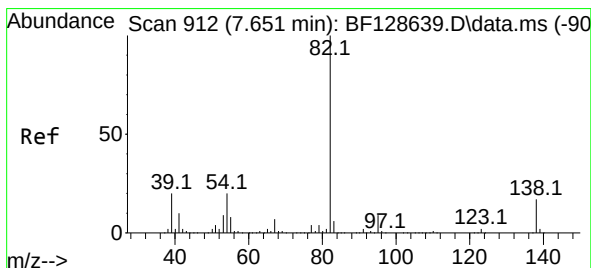
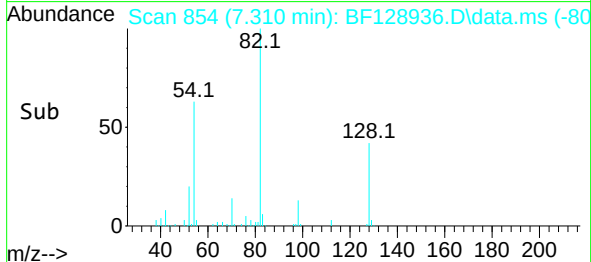
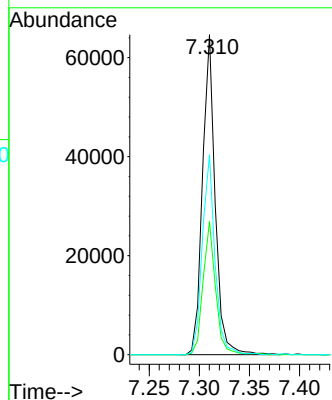
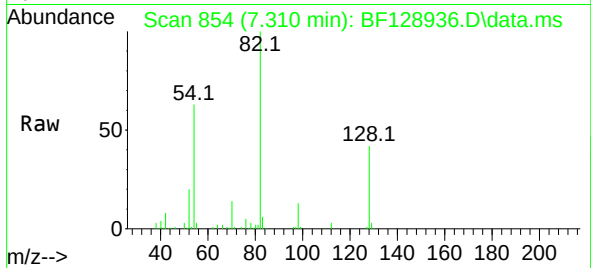




#23
Nitrobenzene-d5
Concen: 5.467 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.018 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

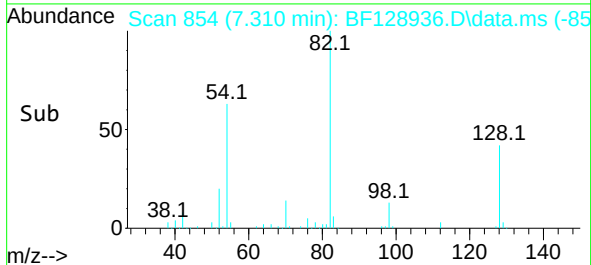
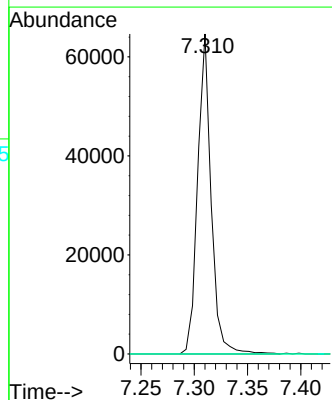
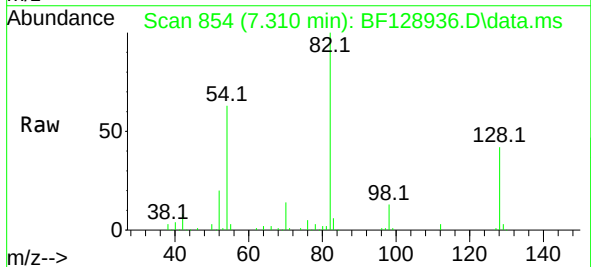
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

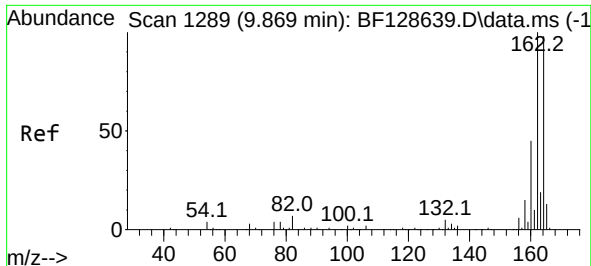
Tgt Ion: 82 Resp: 57188
Ion Ratio Lower Upper
82 100
128 41.7 34.0 51.0
54 62.5 46.9 70.3



#25
Isophorone
Concen: 3.599 ng
RT: 7.310 min Scan# 854
Delta R.T. -0.276 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion: 82 Resp: 57188
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128936.D

Acq: 22 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

SC-6EDL

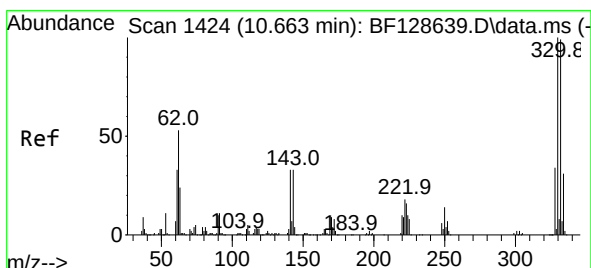
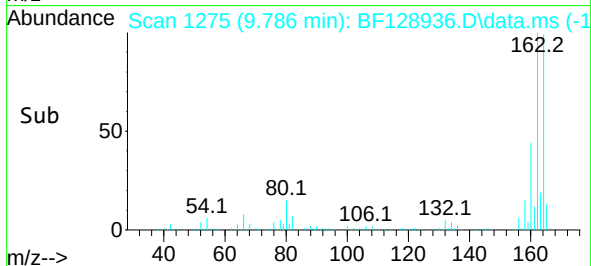
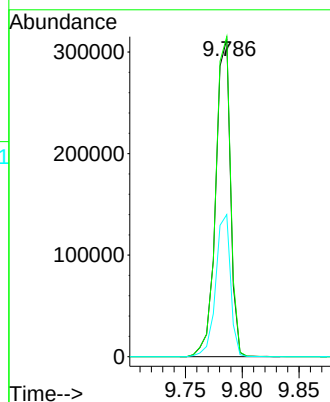
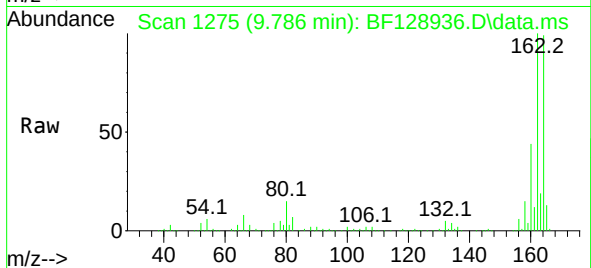
Tgt Ion:164 Resp: 283089

Ion Ratio Lower Upper

164 100

162 100.7 79.5 119.3

160 44.7 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 2.594 ng

RT: 10.575 min Scan# 1409

Delta R.T. -0.012 min

Lab File: BF128936.D

Acq: 22 Jun 2022 17:25

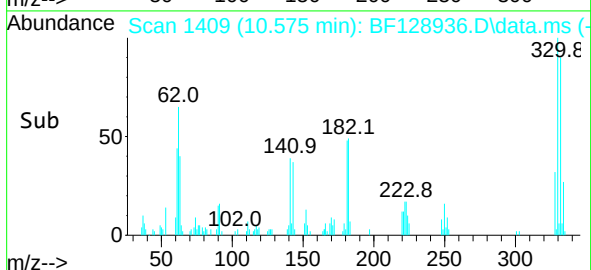
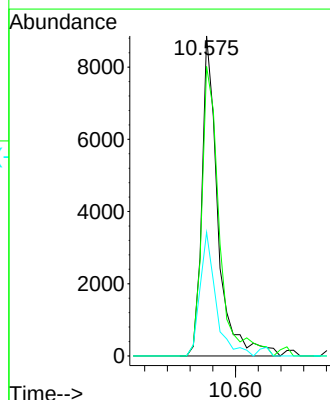
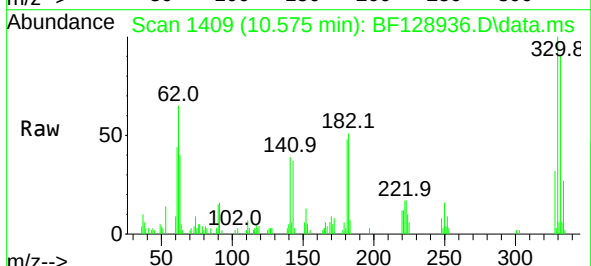
Tgt Ion:330 Resp: 8678

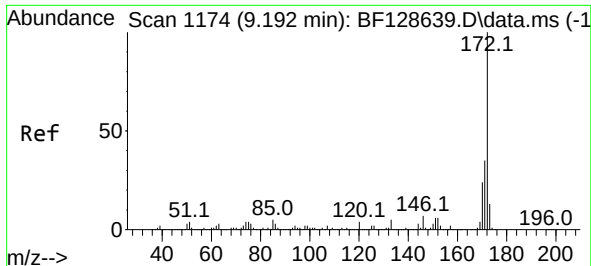
Ion Ratio Lower Upper

330 100

332 98.7 76.8 115.2

141 38.3 28.0 42.0

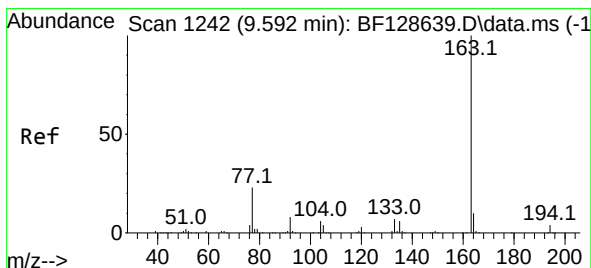
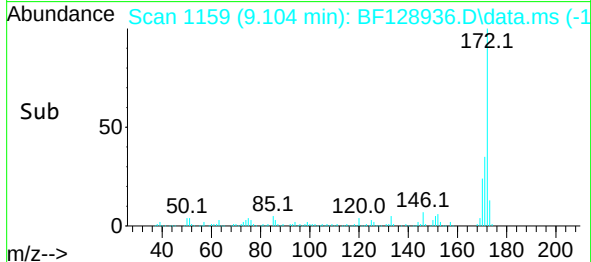
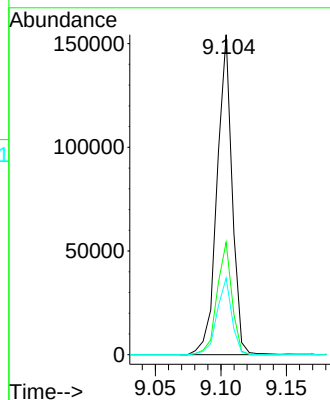
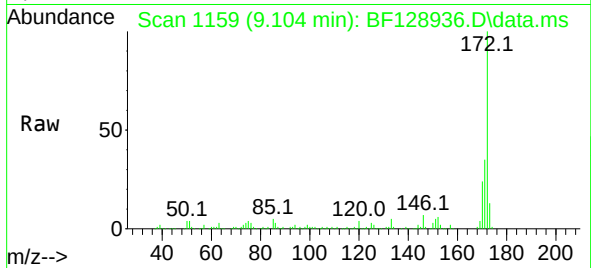




#45
2-Fluorobiphenyl
Concen: 6.086 ng
RT: 9.104 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

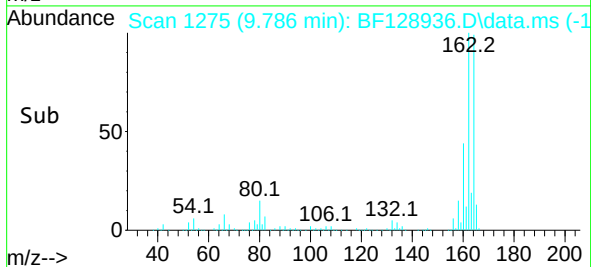
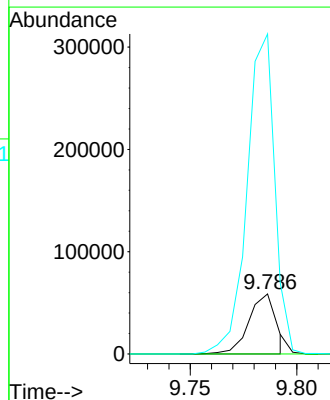
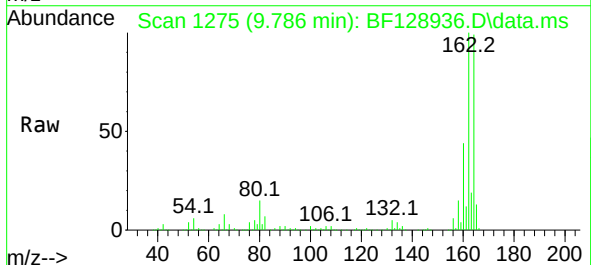
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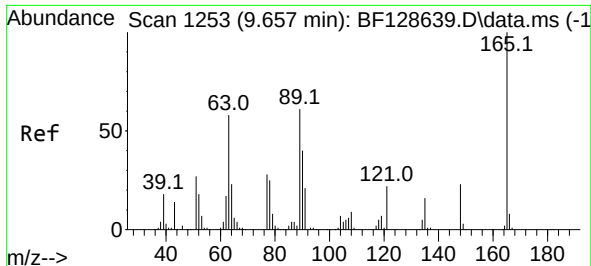
Tgt Ion:172 Resp: 122994
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.0 19.8 29.8



#50
Dimethylphthalate
Concen: 2.684 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.265 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion:163 Resp: 52015
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 533.7 8.2 12.2#

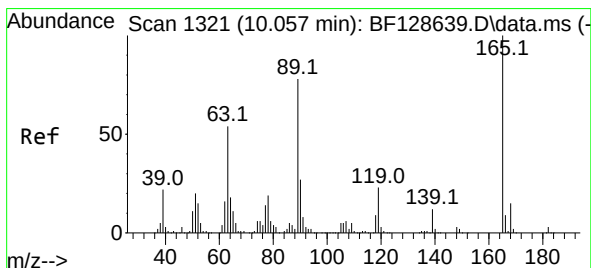
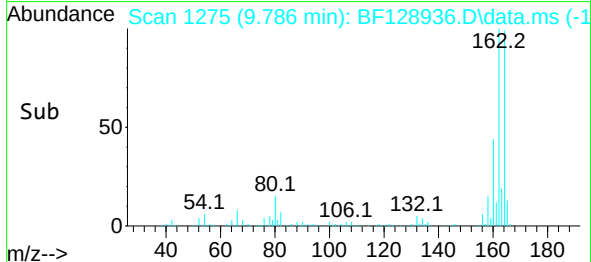
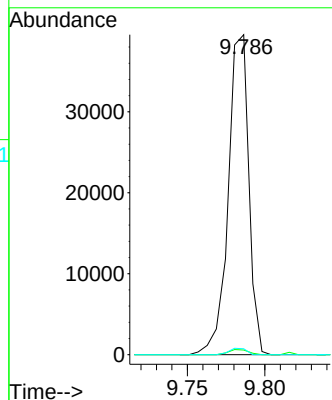
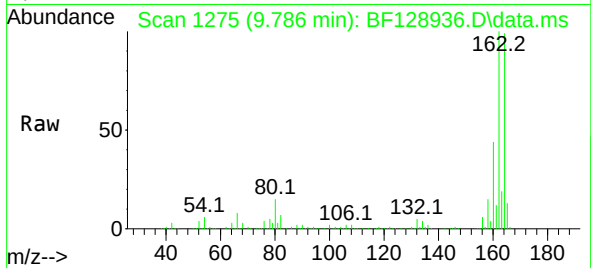




#51
2,6-Dinitrotoluene
Concen: 9.548 ng
RT: 9.786 min Scan# 1275
Delta R.T. 0.200 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

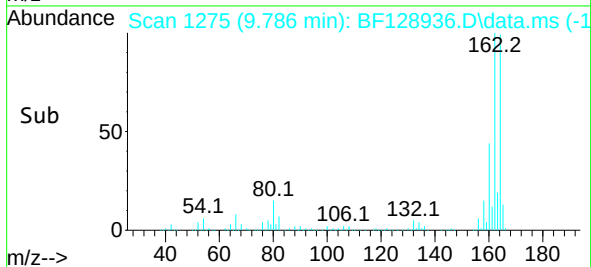
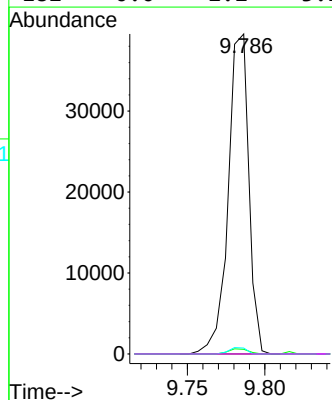
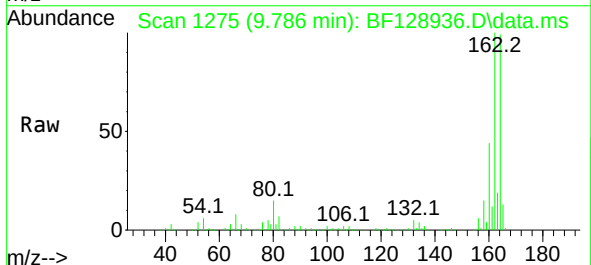
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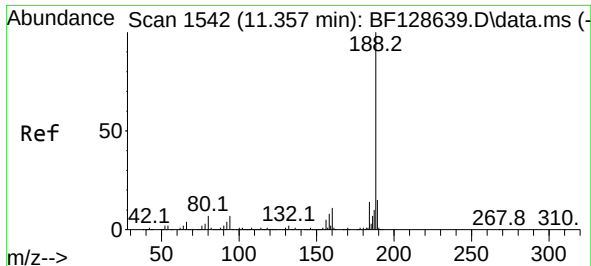
Tgt Ion:165 Resp: 36516
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.155 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.206 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion:165 Resp: 36516
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#

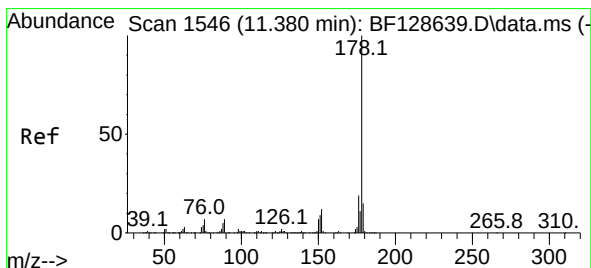
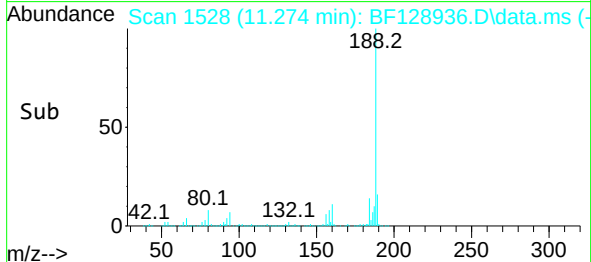
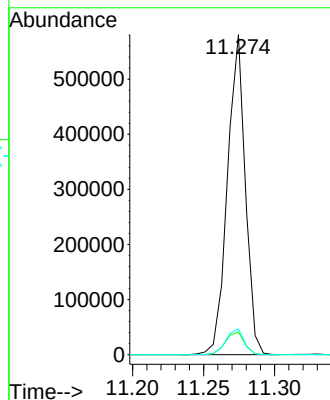
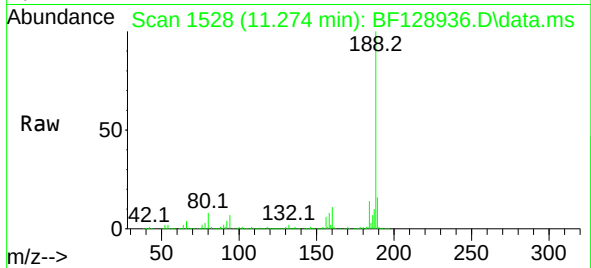




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

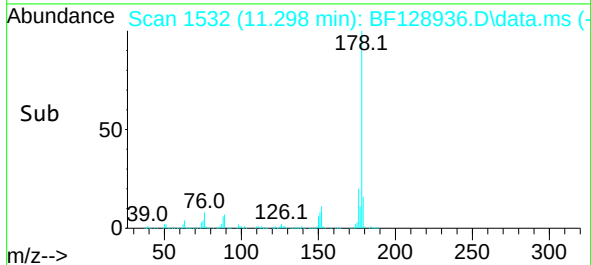
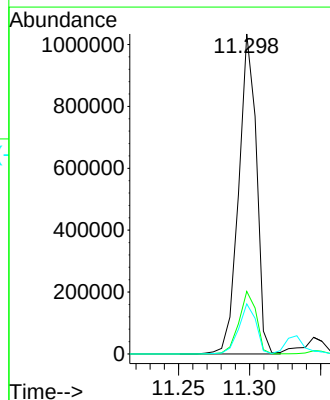
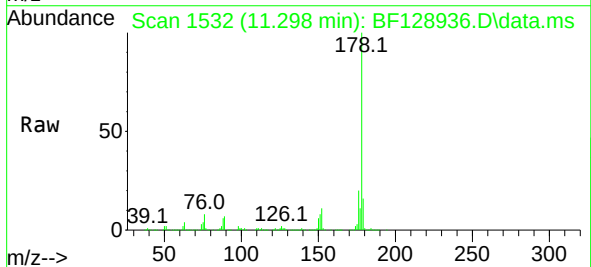
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

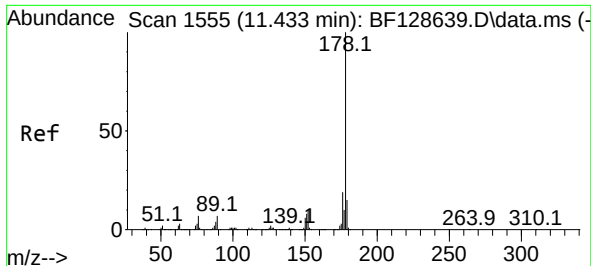
Tgt Ion:188 Resp: 508464
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.6
80 8.0 7.6 11.4



#71
Phenanthrene
Concen: 35.236 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion:178 Resp: 898631
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.7 12.6 19.0

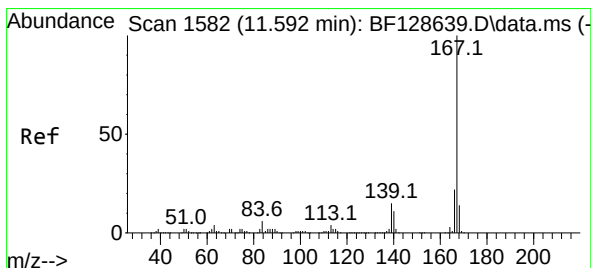
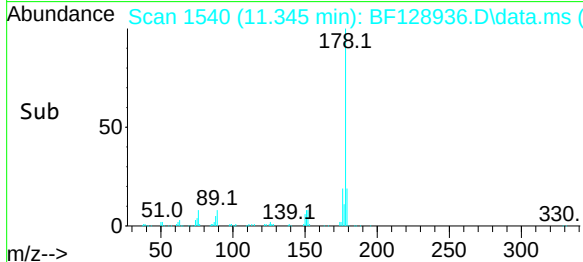
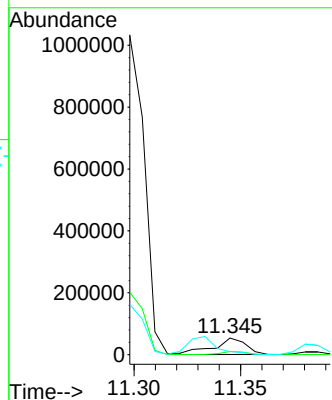
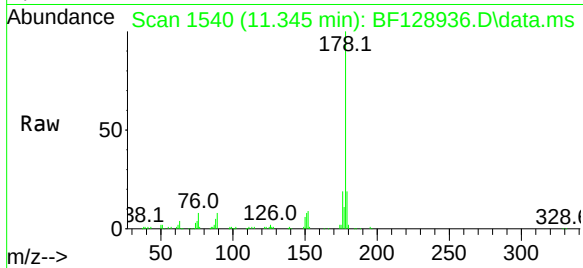




#72
 Anthracene
 Concen: 2.233 ng
 RT: 11.345 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

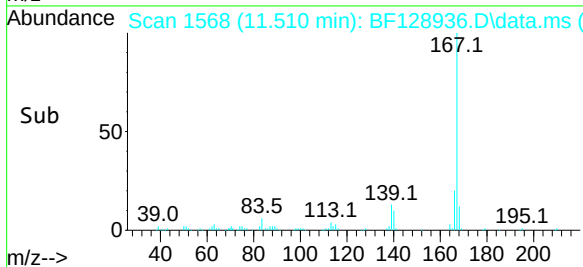
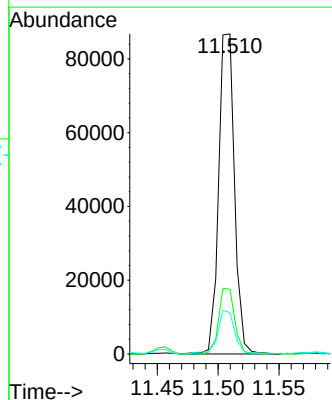
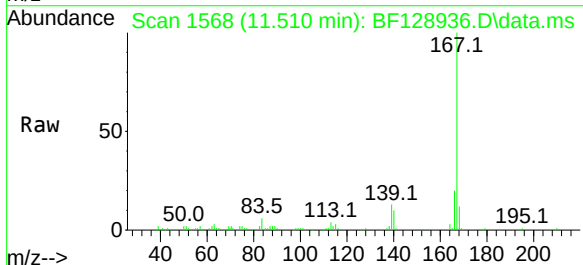
Instrument :
 BNA_F
 ClientSampleId :
 SC-6EDL

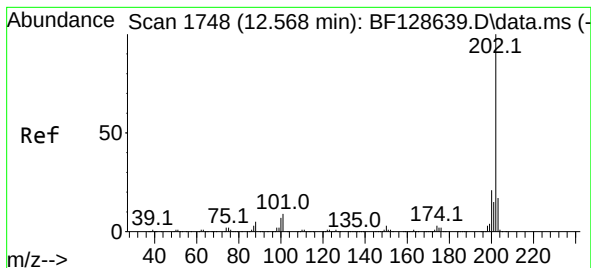
Tgt Ion:178 Resp: 56360
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 18.8 12.6 19.0



#73
 Carbazole
 Concen: 3.363 ng
 RT: 11.510 min Scan# 1568
 Delta R.T. -0.006 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

Tgt Ion:167 Resp: 78850
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.7 26.5
 139 12.9 11.2 16.8





#75

Fluoranthene

Concen: 41.932 ng

RT: 12.492 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128936.D

Acq: 22 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

SC-6EDL

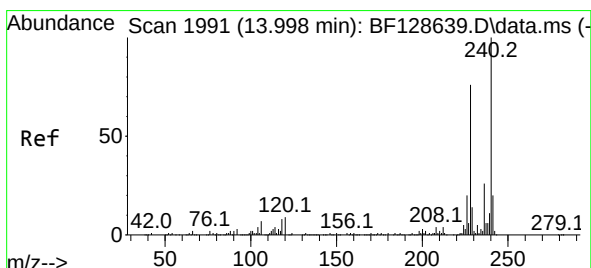
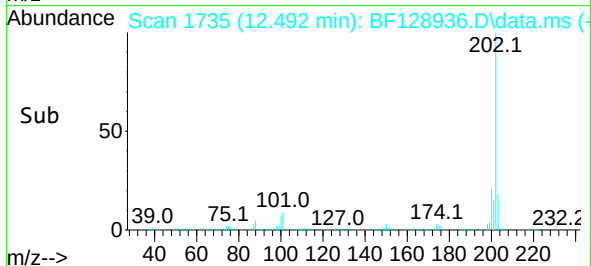
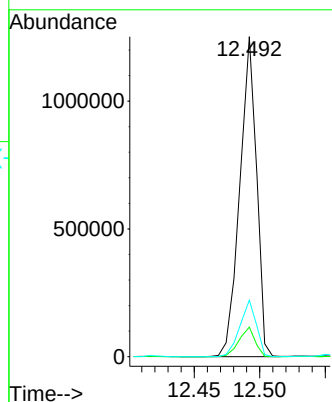
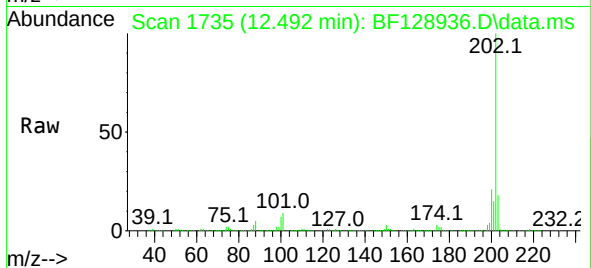
Tgt Ion:202 Resp: 1117848

Ion Ratio Lower Upper

202 100

101 9.3 0.0 31.4

203 17.7 0.0 38.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BF128936.D

Acq: 22 Jun 2022 17:25

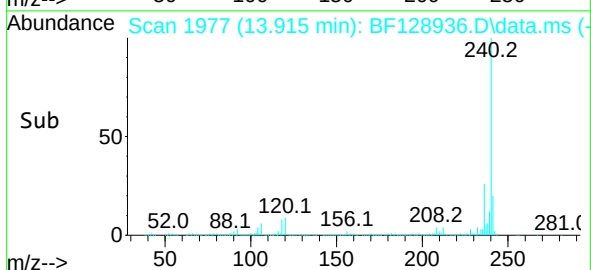
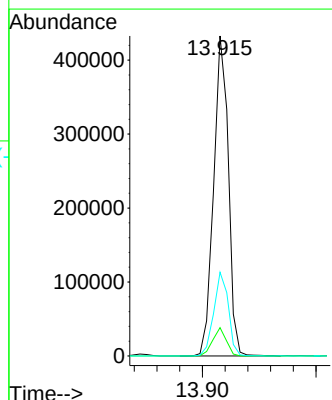
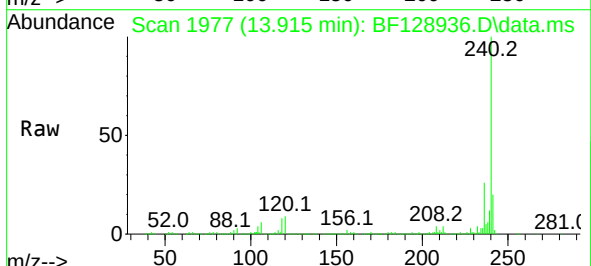
Tgt Ion:240 Resp: 389056

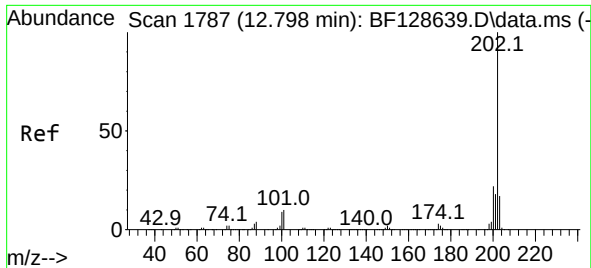
Ion Ratio Lower Upper

240 100

120 8.9 8.9 13.3#

236 26.2 20.8 31.2

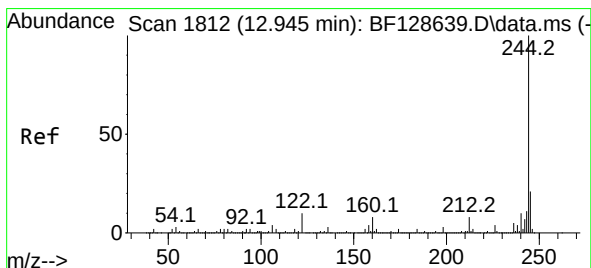
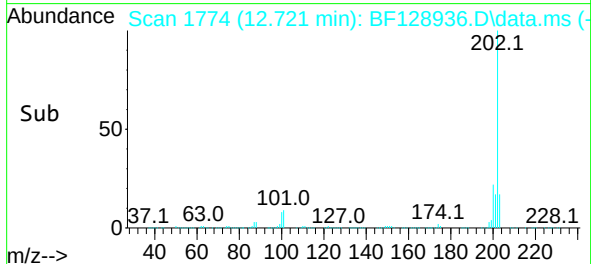
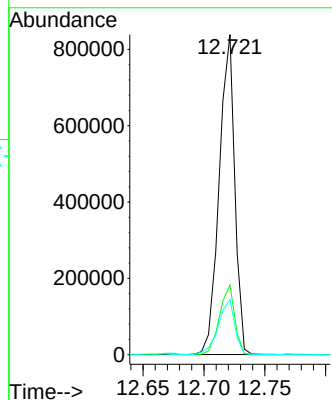
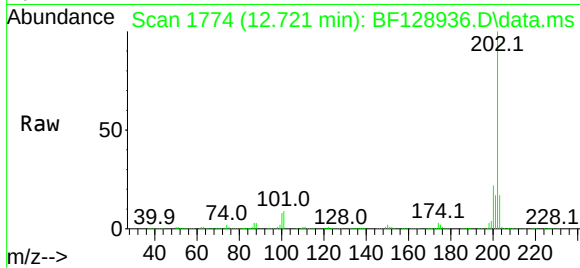




#78
Pyrene
Concen: 25.843 ng
RT: 12.721 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

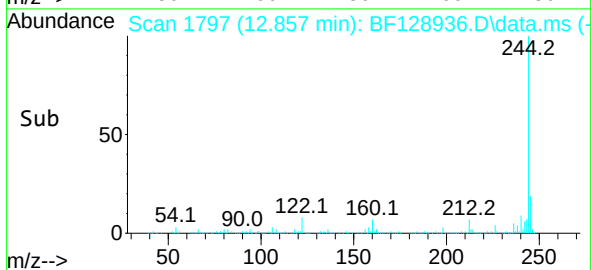
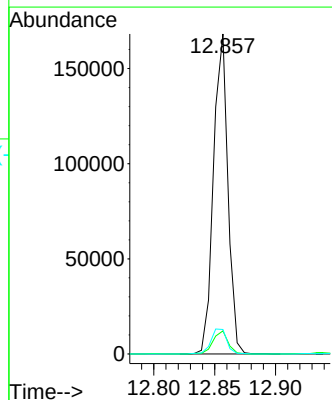
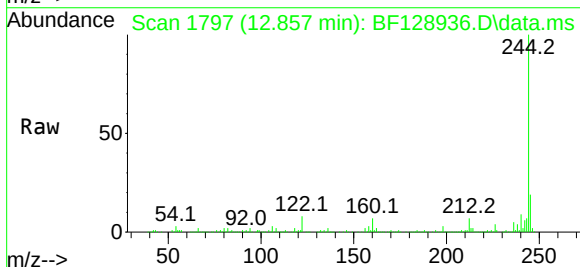
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

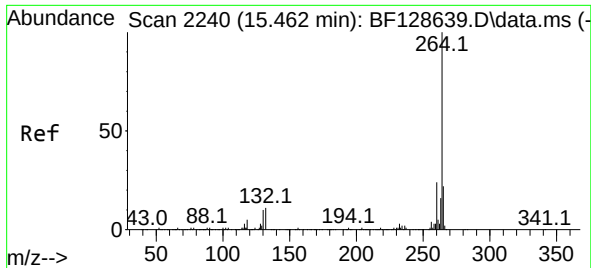
Tgt Ion:202 Resp: 748038
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.2 14.6 21.8



#79
Terphenyl-d14
Concen: 6.205 ng
RT: 12.857 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

Tgt Ion:244 Resp: 138936
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 7.7 8.8 13.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SC-6EDL

Tgt Ion:264 Resp: 306996
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.5 17.2 25.8

