

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)

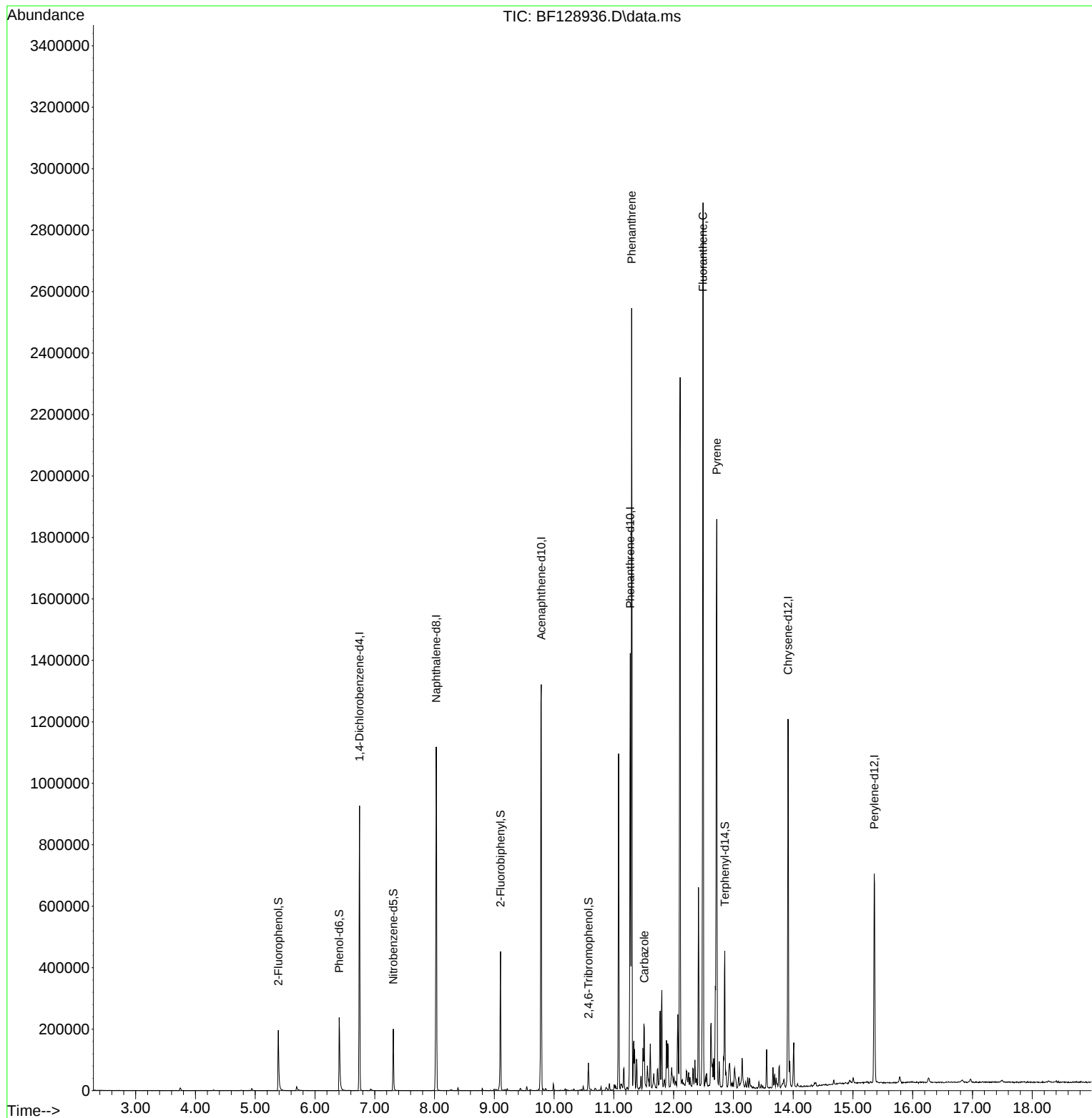
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	127472	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	487059	20.000	ng	-0.01
39) Acenaphthene-d10	9.786	164	283089	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	508464	20.000	ng	0.00
76) Chrysene-d12	13.915	240	389056	20.000	ng	#-0.01
86) Perylene-d12	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
71) Phenanthrene	11.298	178	898631	35.236	ng	99
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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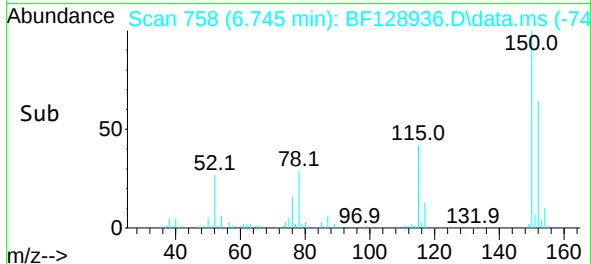
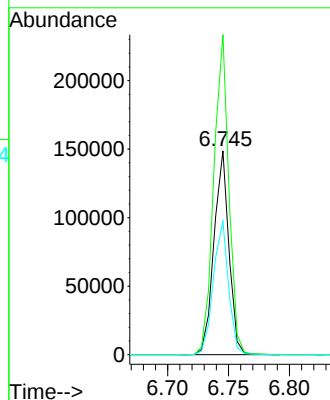
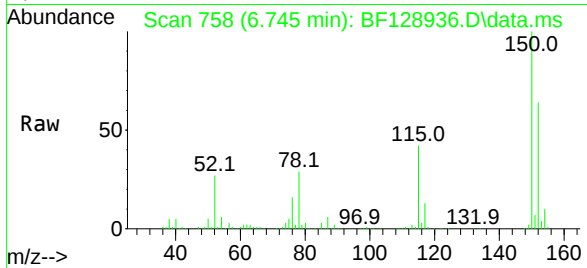




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

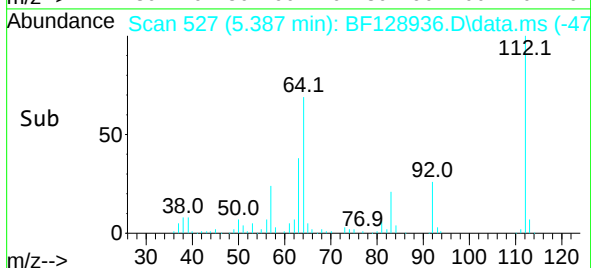
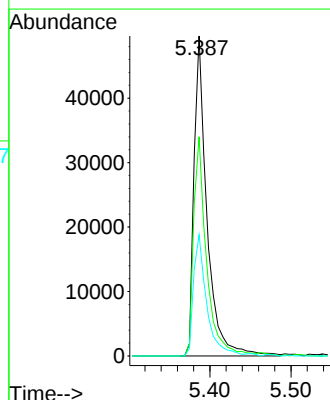
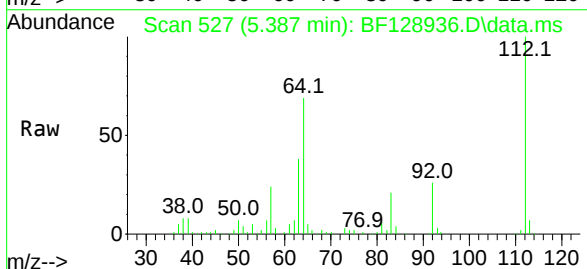
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

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

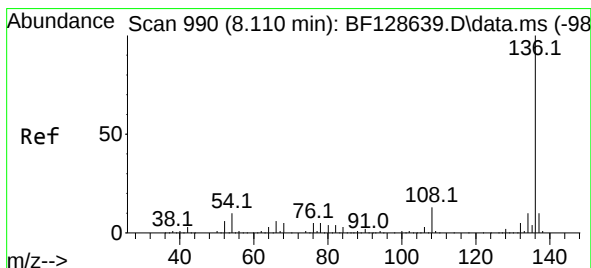
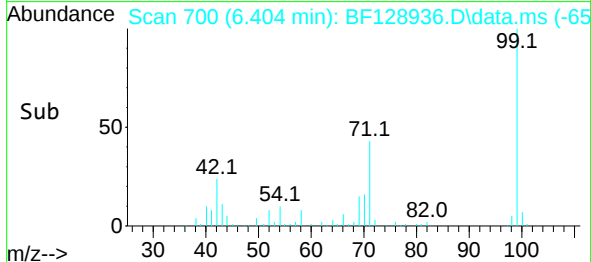
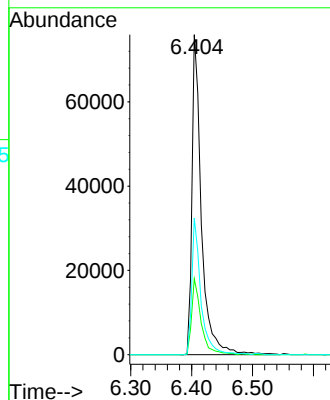
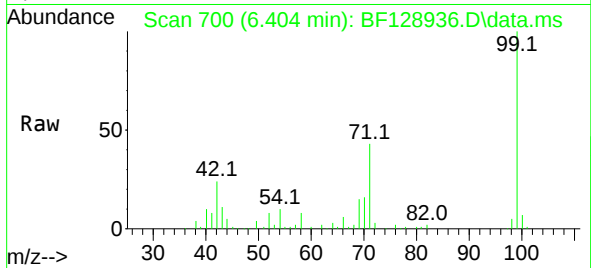




#7
Phenol-d6
Concen: 8.398 ng
RT: 6.404 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

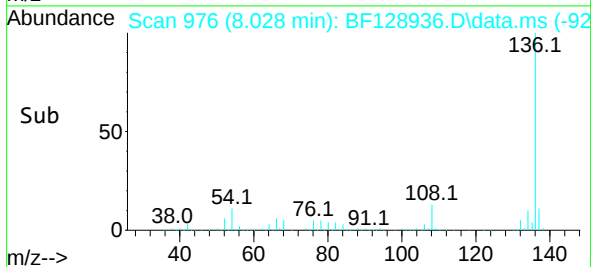
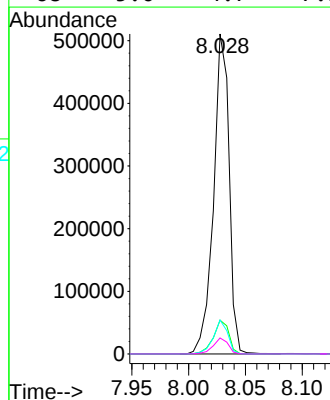
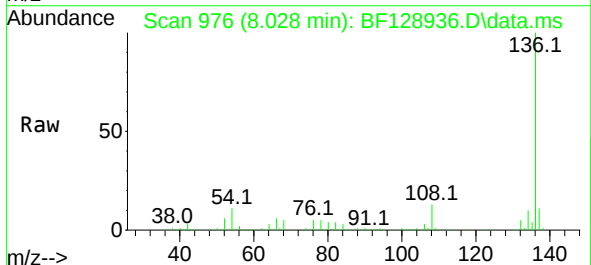
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

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

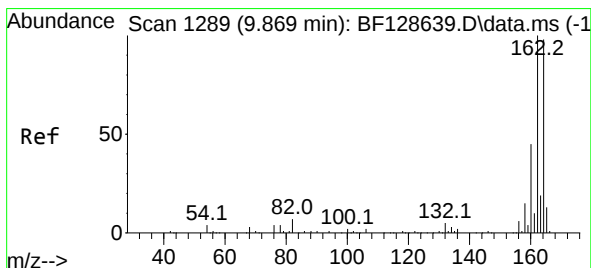
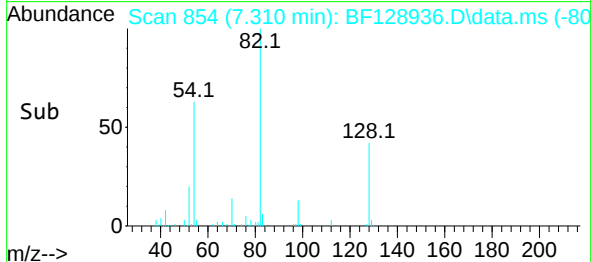
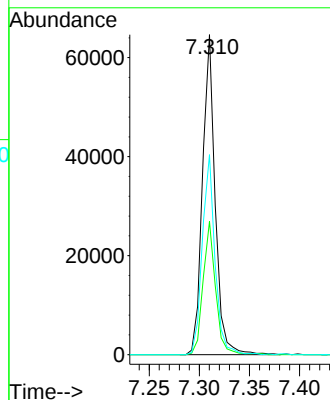
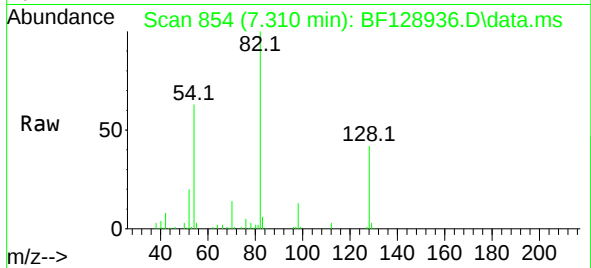




#23
Nitrobenzene-d5
Concen: 5.467 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

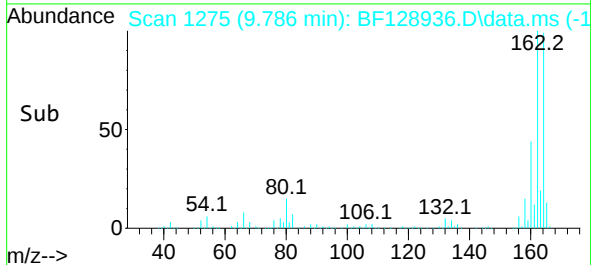
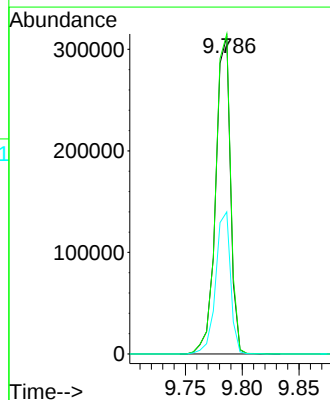
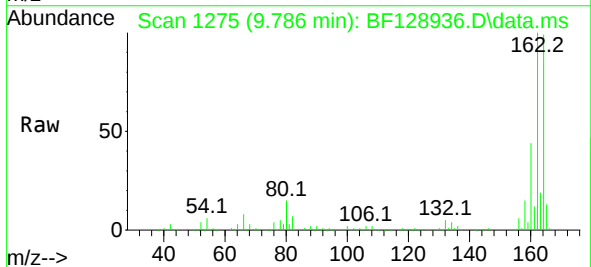
Instrument :
BNA_F
ClientSampleId :
SC-6EDL

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



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

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# 1424

Delta R.T. -0.012 min

Lab File: BF128936.D

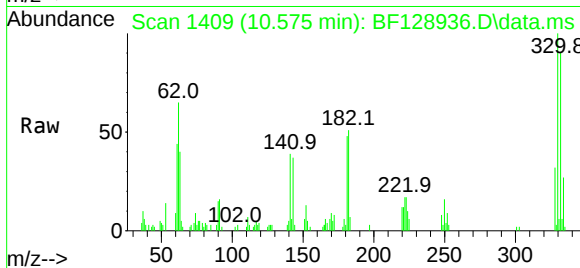
Acq: 22 Jun 2022 17:25

Instrument :

BNA_F

ClientSampleId :

SC-6EDL



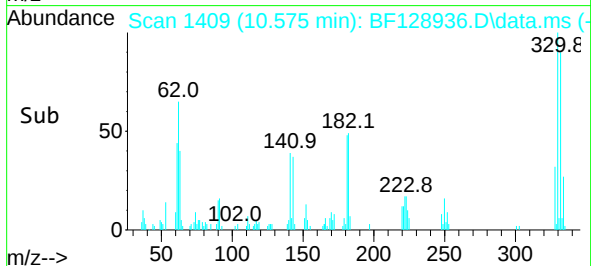
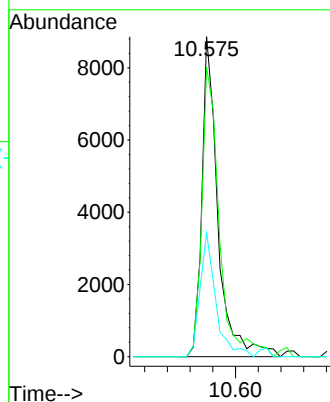
Tgt Ion:330 Resp: 8678

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# 1159

Delta R.T. -0.012 min

Lab File: BF128936.D

Acq: 22 Jun 2022 17:25

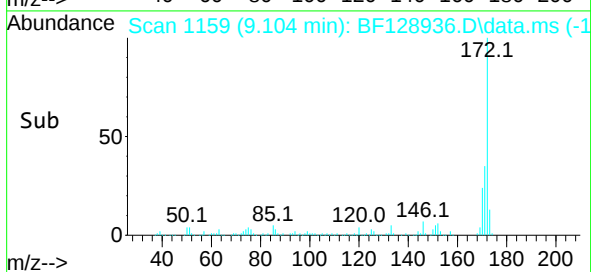
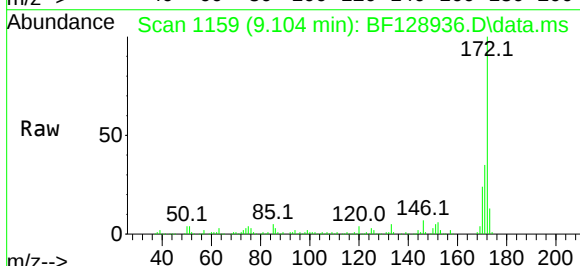
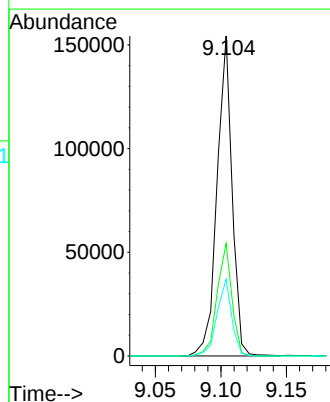
Tgt Ion:172 Resp: 122994

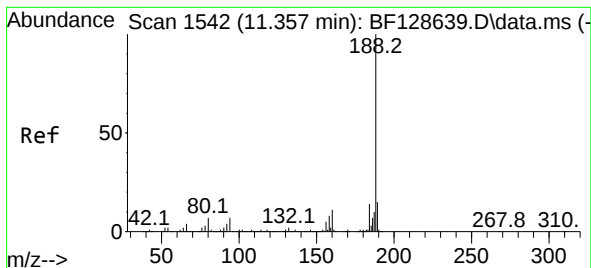
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.0 19.8 29.8





#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

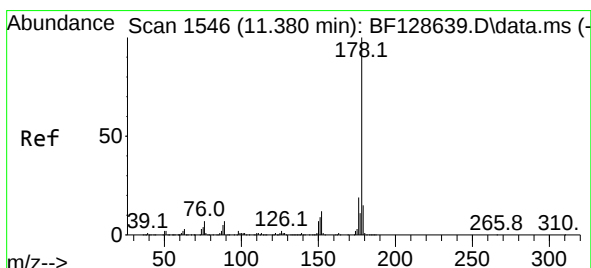
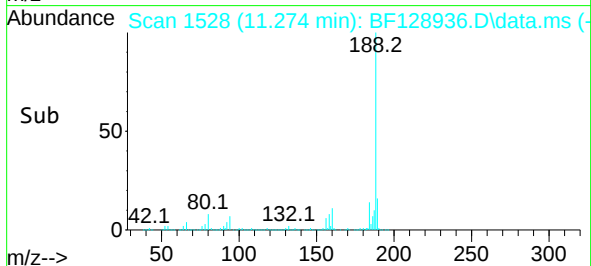
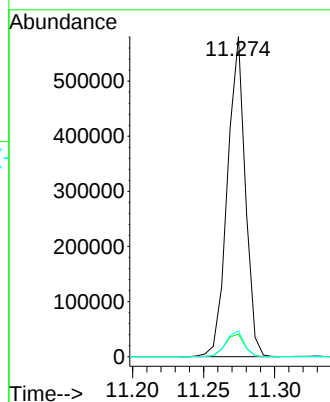
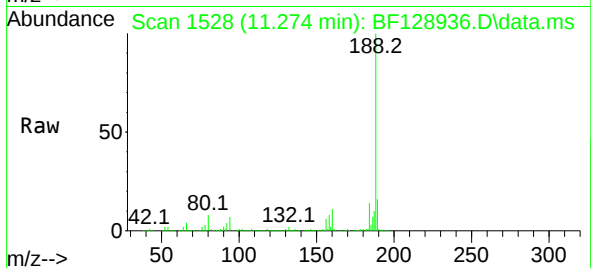
Tgt Ion:188 Resp: 508464

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

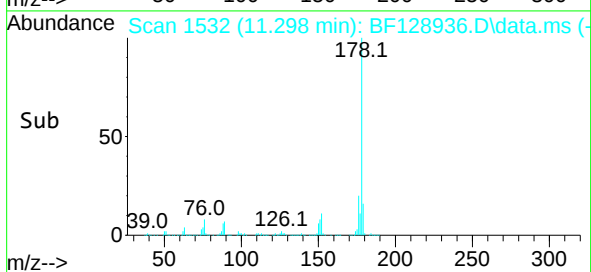
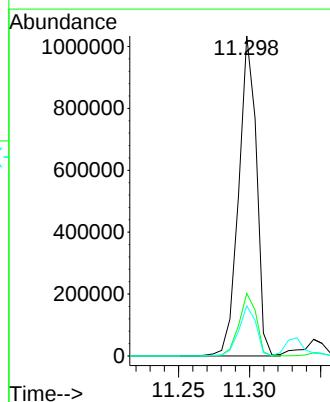
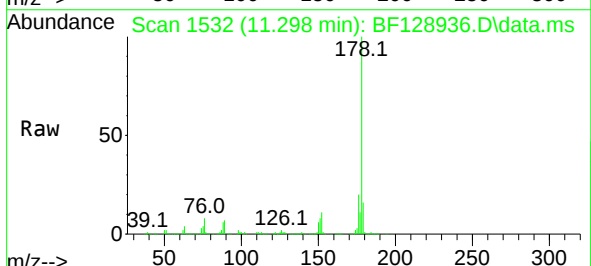
Tgt Ion:178 Resp: 898631

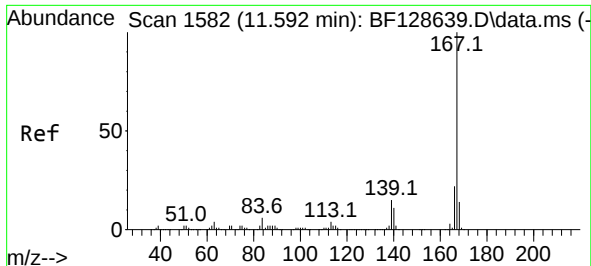
Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

179 15.7 12.6 19.0

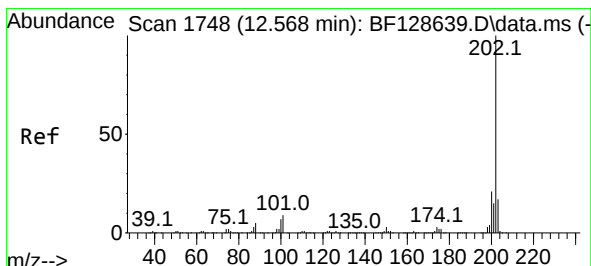
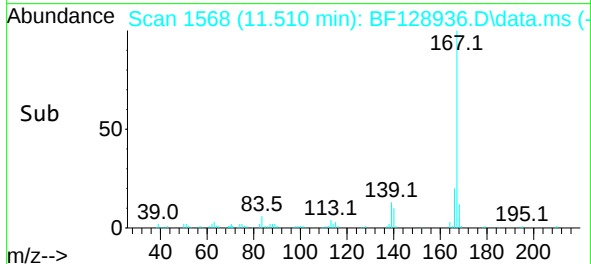
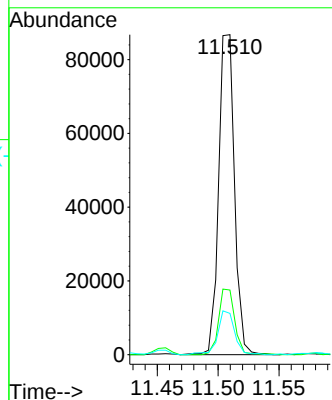
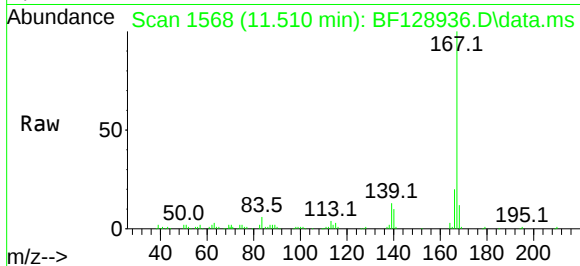




#73
 Carbazole
 Concen: 3.363 ng
 RT: 11.510 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

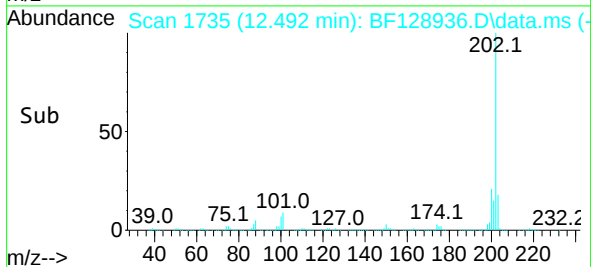
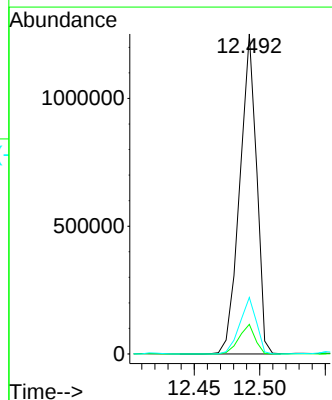
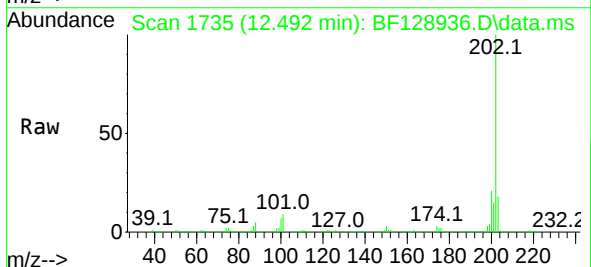
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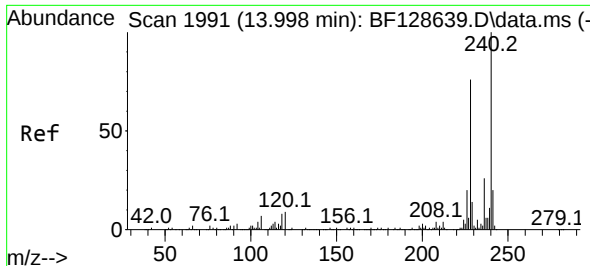
Tgt Ion:167 Resp: 78850
 Ion Ratio Lower Upper
 167 100
 166 20.2 17.7 26.5
 139 12.9 11.2 16.8



#75
 Fluoranthene
 Concen: 41.932 ng
 RT: 12.492 min Scan# 1735
 Delta R.T. -0.006 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

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

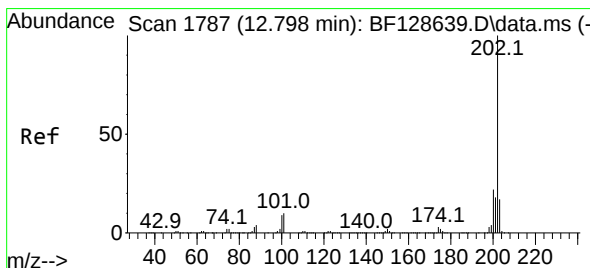
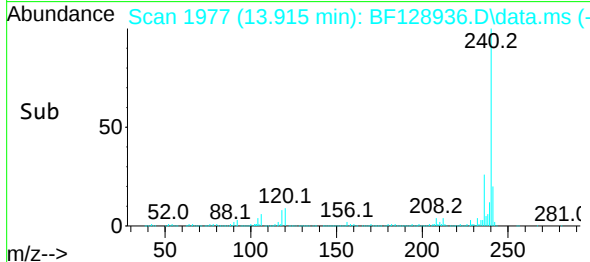
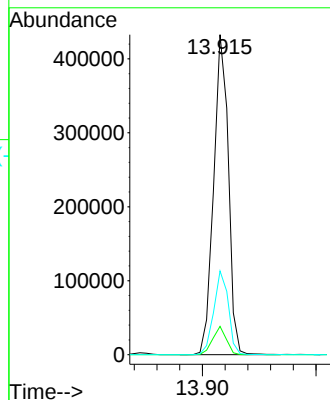
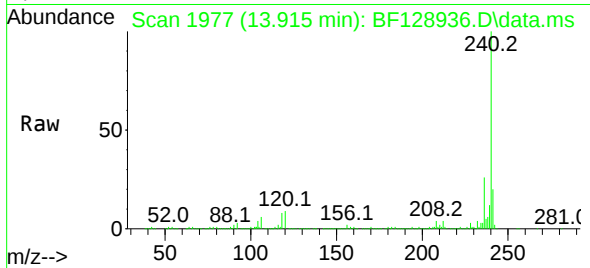




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.915 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

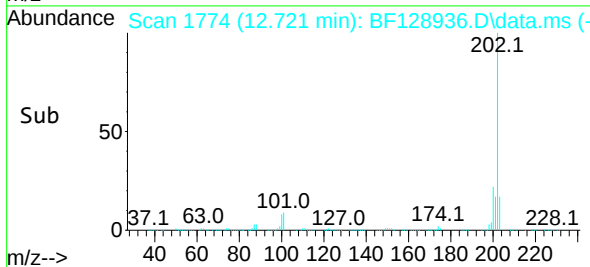
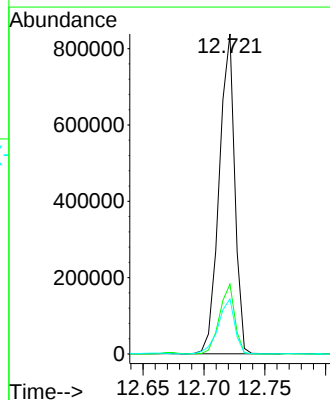
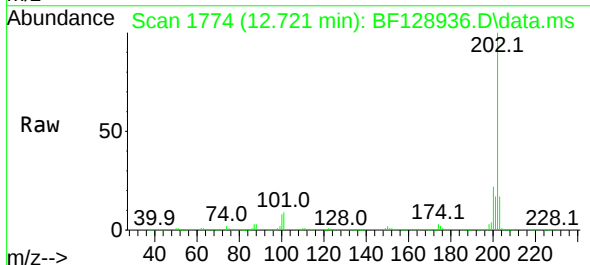
Instrument :
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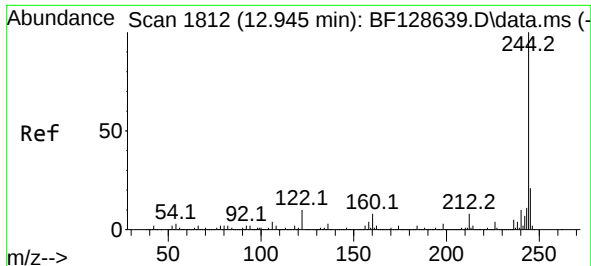
Tgt Ion:240 Resp: 389056
Ion Ratio Lower Upper
240 100
120 8.9 8.9 13.3#
236 26.2 20.8 31.2



#78
Pyrene
Concen: 25.843 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128936.D
Acq: 22 Jun 2022 17:25

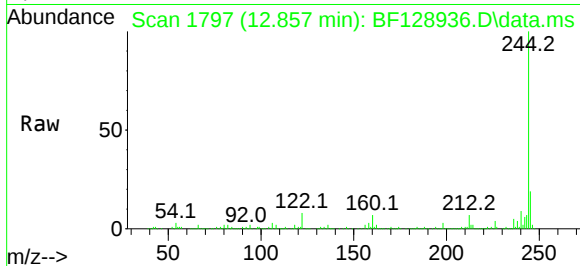
Tgt Ion:202 Resp: 748038
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 17.2 14.6 21.8



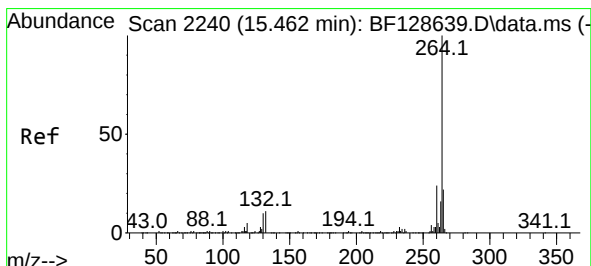
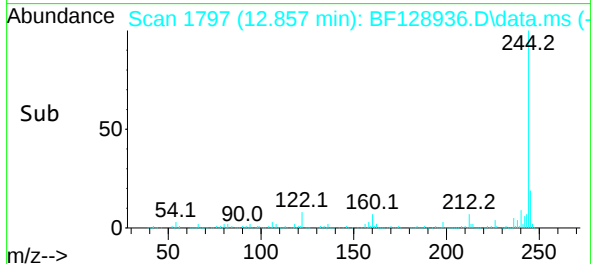
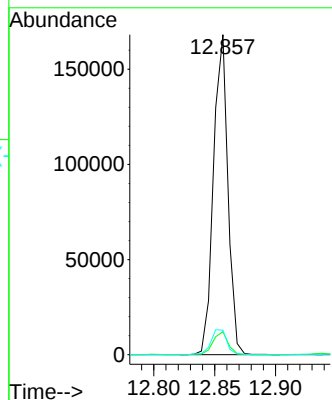


#79
 Terphenyl-d14
 Concen: 6.205 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

Instrument :
 BNA_F
 ClientSampleId :
 SC-6EDL



Tgt Ion: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# 2222
 Delta R.T. -0.006 min
 Lab File: BF128936.D
 Acq: 22 Jun 2022 17:25

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

