

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128935.D
 Acq On : 22 Jun 2022 16:56
 Operator : CG\JU
 Sample : N3384-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 23 01:30:18 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	100542	20.000	ng	-0.01
21) Naphthalene-d8	8.028	136	385579	20.000	ng	-0.01
39) Acenaphthene-d10	9.780	164	213242	20.000	ng	-0.01
64) Phenanthrene-d10	11.269	188	419004	20.000	ng	-0.01
76) Chrysene-d12	13.915	240	323264	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	233490	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	403654	63.949	ng	0.00
7) Phenol-d6	6.404	99	309185	40.127	ng	-0.01
23) Nitrobenzene-d5	7.316	82	810023	97.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	354232	140.593	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1643277	107.948	ng	0.00
79) Terphenyl-d14	12.868	244	1726653	92.813	ng	0.00

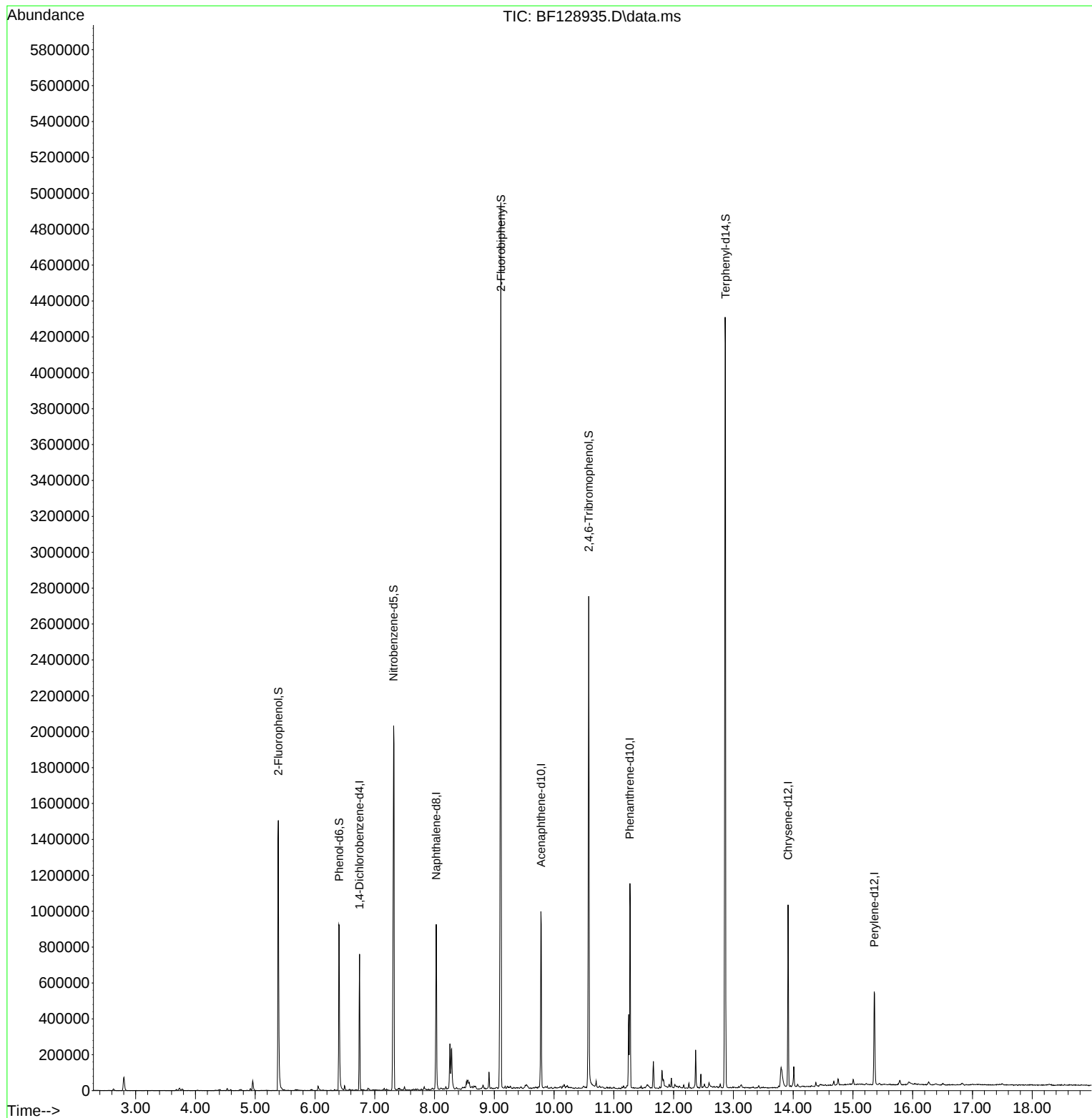
Target Compounds	Qvalue

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

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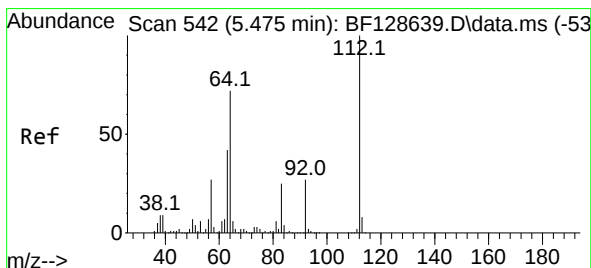
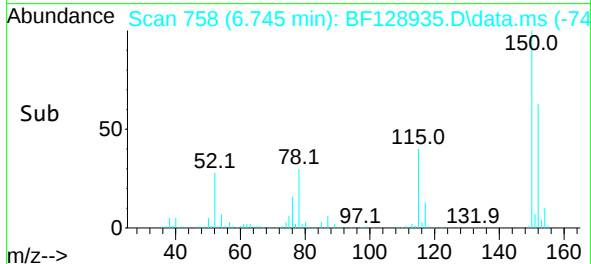
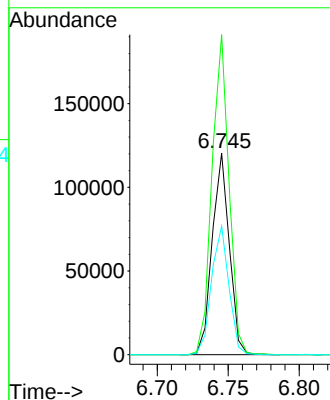
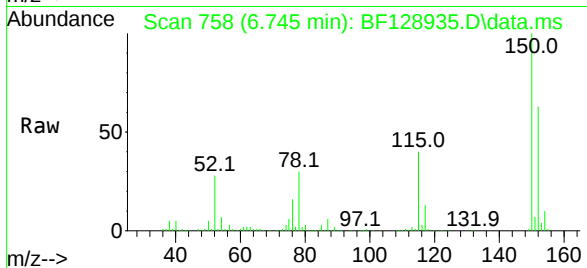




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.745 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

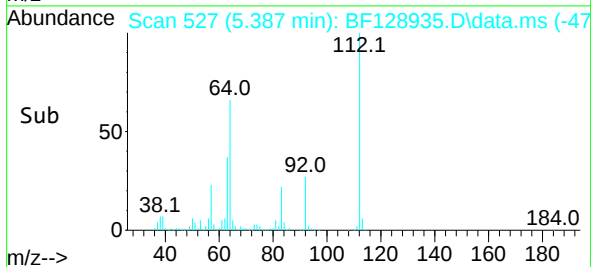
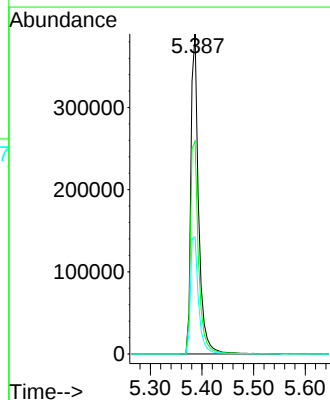
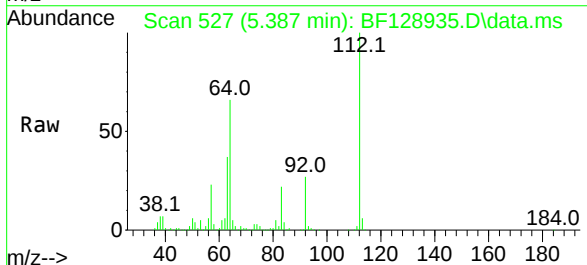
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion:152 Resp: 100542
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 63.8 49.9 74.9



#5
2-Fluorophenol
Concen: 63.949 ng
RT: 5.387 min Scan# 527
Delta R.T. 0.000 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion:112 Resp: 403654
Ion Ratio Lower Upper
112 100
64 66.5 53.3 79.9
63 36.6 28.0 42.0

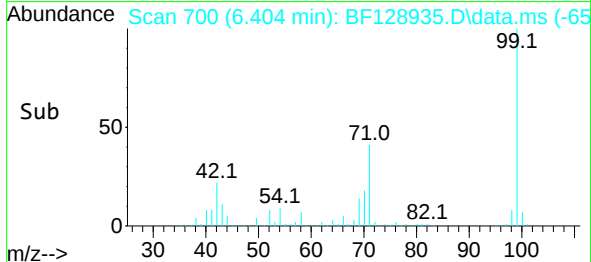
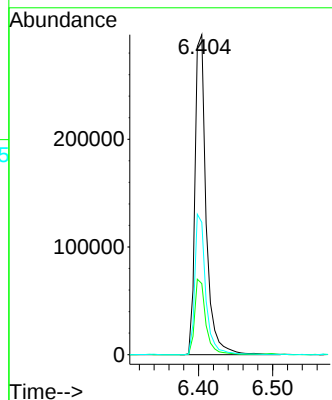
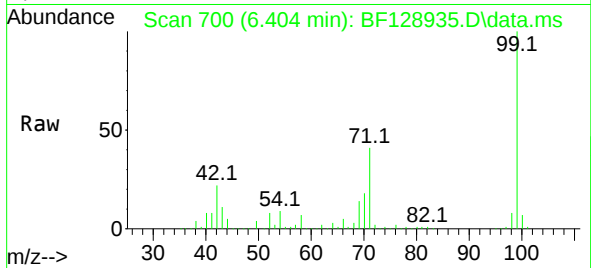




#7
Phenol-d6
Concen: 40.127 ng
RT: 6.404 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128935.D
Acq: 22 Jun 2022 16:56

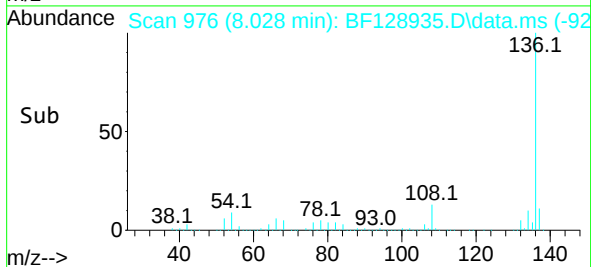
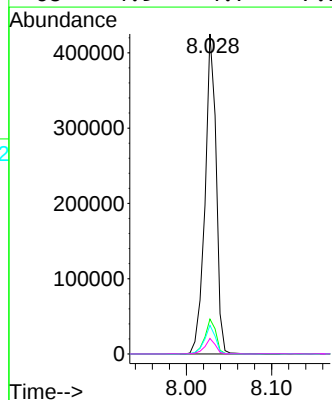
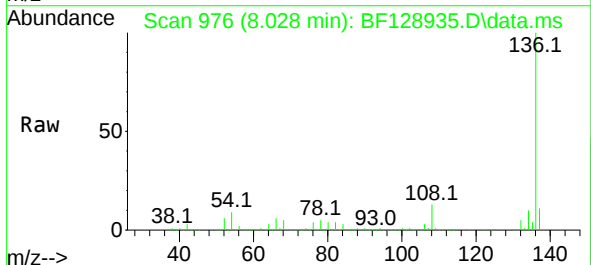
Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 309185
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 41.4 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: BF128935.D
Acq: 22 Jun 2022 16:56

Tgt Ion: 136 Resp: 385579
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 4.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 97.810 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-4

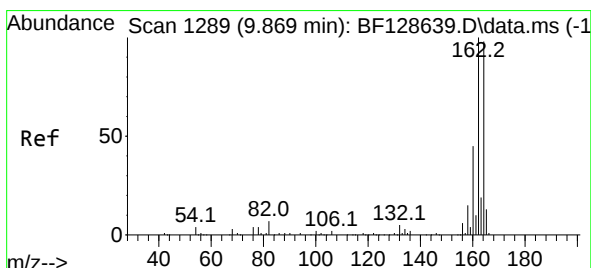
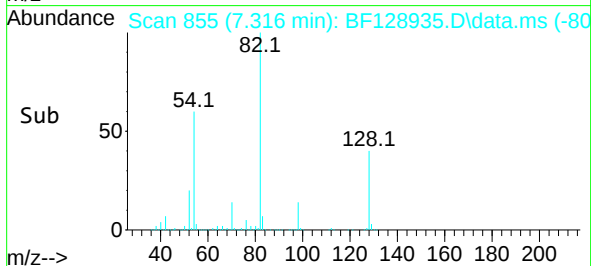
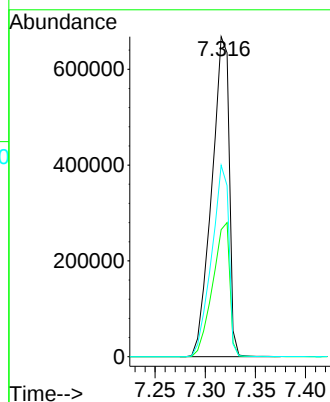
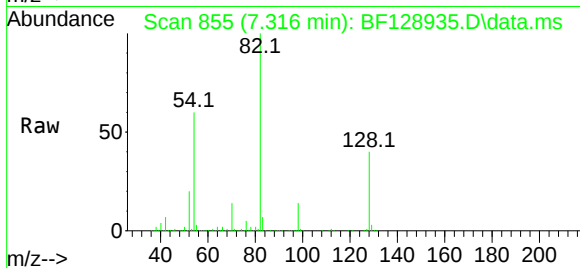
Tgt Ion: 82 Resp: 810023

Ion Ratio Lower Upper

82 100

128 39.7 34.0 51.0

54 59.8 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1274

Delta R.T. -0.012 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

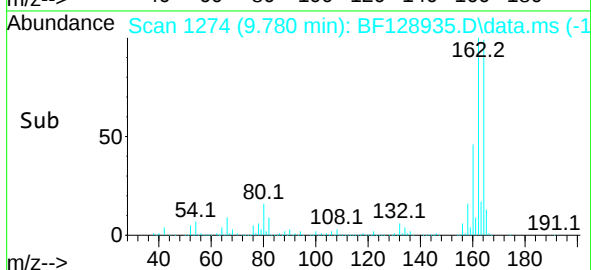
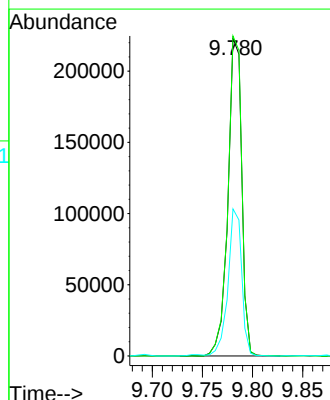
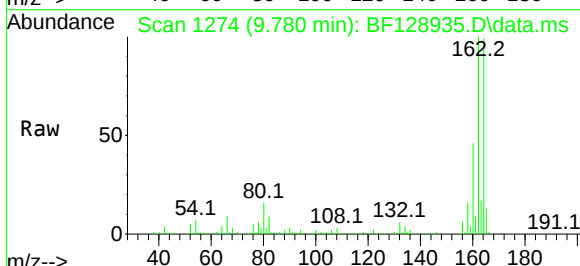
Tgt Ion: 164 Resp: 213242

Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 46.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 140.593 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-4

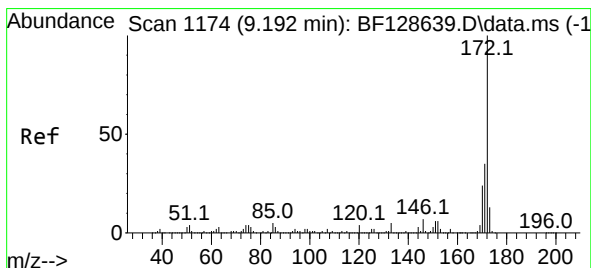
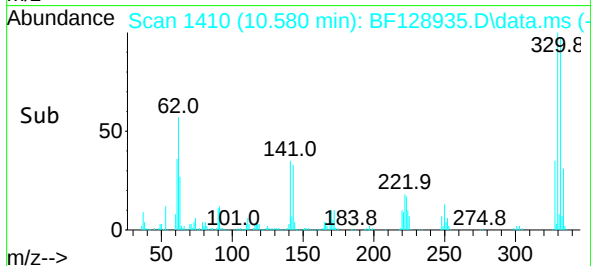
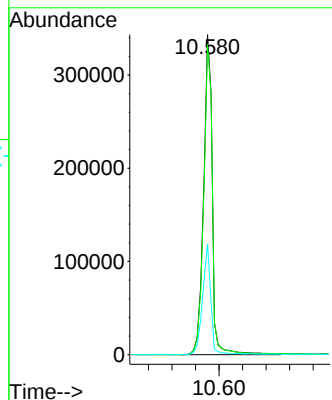
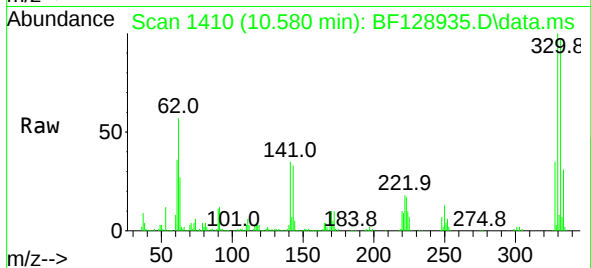
Tgt Ion:330 Resp: 354232

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 107.948 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

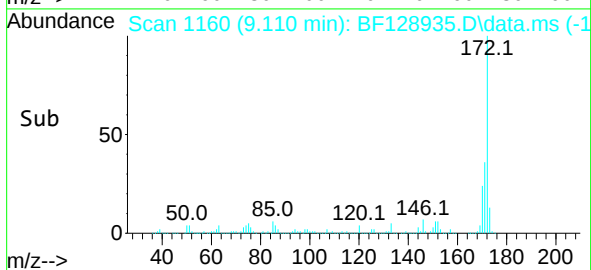
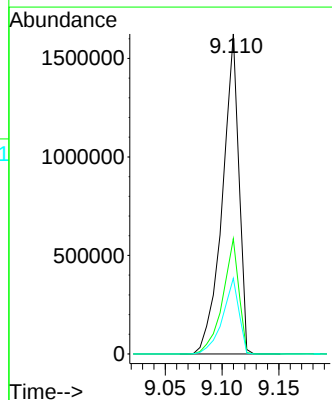
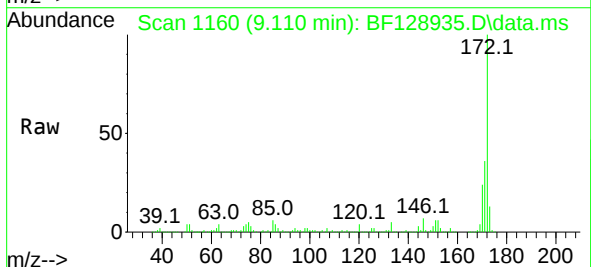
Tgt Ion:172 Resp: 1643277

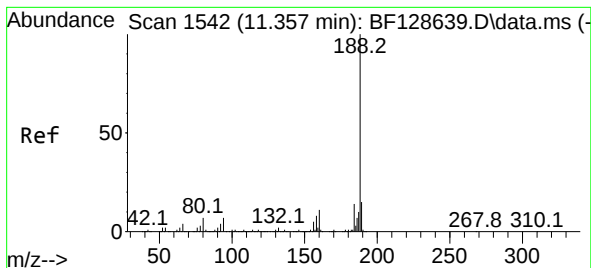
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

Instrument :

BNA_F

ClientSampleId :

WC-4

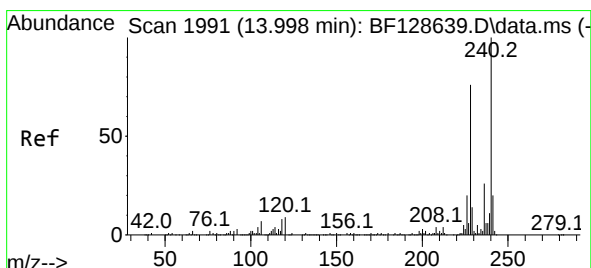
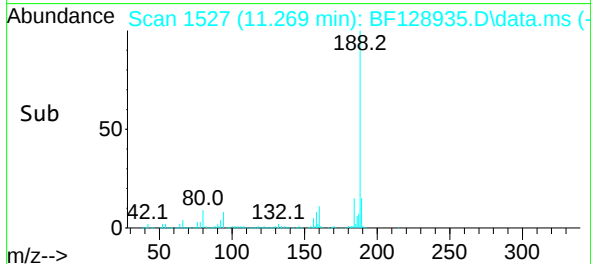
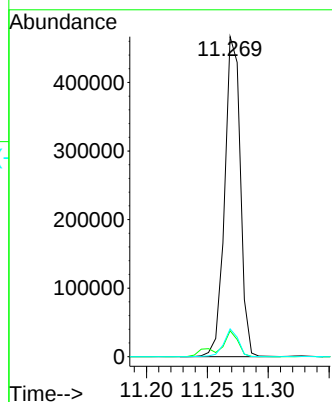
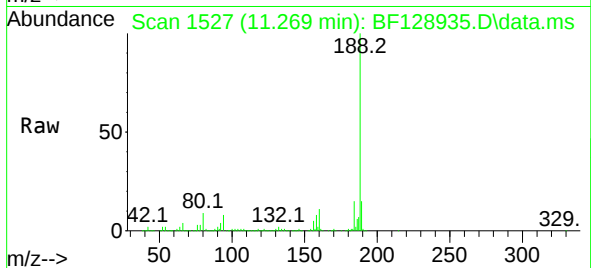
Tgt Ion:188 Resp: 419004

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 8.7 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.915 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BF128935.D

Acq: 22 Jun 2022 16:56

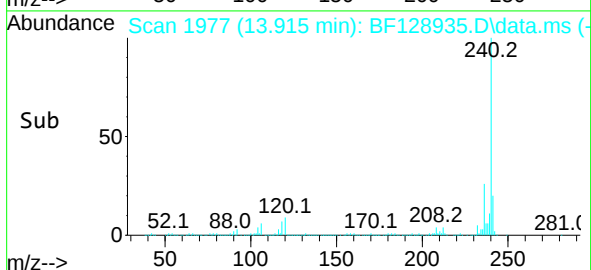
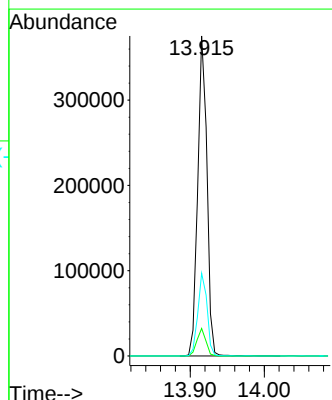
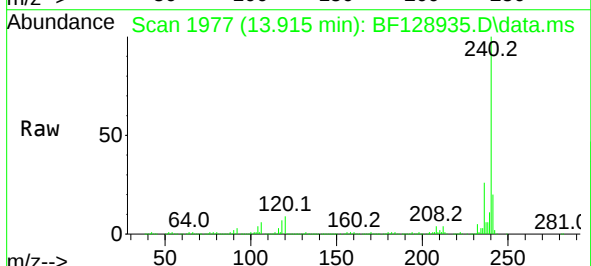
Tgt Ion:240 Resp: 323264

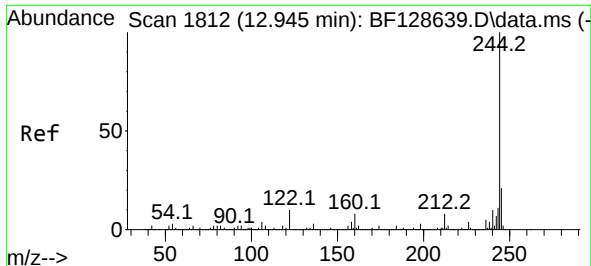
Ion Ratio Lower Upper

240 100

120 8.6 8.9 13.3#

236 25.8 20.8 31.2

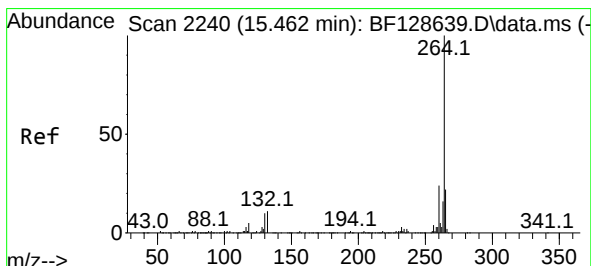
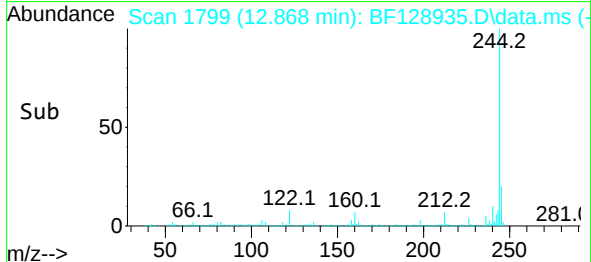
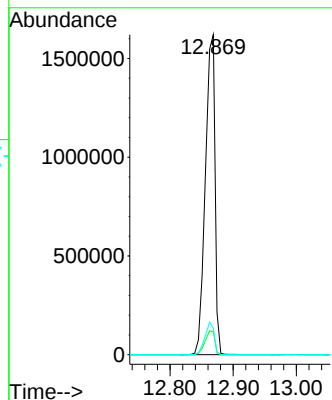
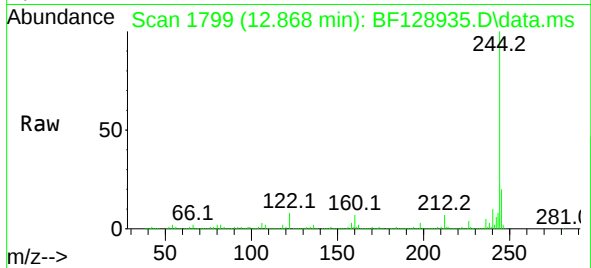




#79
 Terphenyl-d14
 Concen: 92.813 ng
 RT: 12.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128935.D
 Acq: 22 Jun 2022 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1726653
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 8.2 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: BF128935.D
 Acq: 22 Jun 2022 16:56

Tgt Ion:264 Resp: 233490
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 20.4 17.2 25.8

