

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128961.D
 Acq On : 23 Jun 2022 19:39
 Operator : CG\JU
 Sample : N3462-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8-9-11-20220622

Quant Time: Jun 24 04:33:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	101967	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	403410	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	223318	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	416933	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	267533	20.000	ng	# 0.00
86) Perylene-d12	15.321	264	209706	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	653666	102.109	ng	0.00
7) Phenol-d6	6.381	99	784634	100.410	ng	0.00
23) Nitrobenzene-d5	7.292	82	566789	65.415	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	231953	87.907	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1006947	63.162	ng	0.00
79) Terphenyl-d14	12.839	244	1013533	65.829	ng	0.00

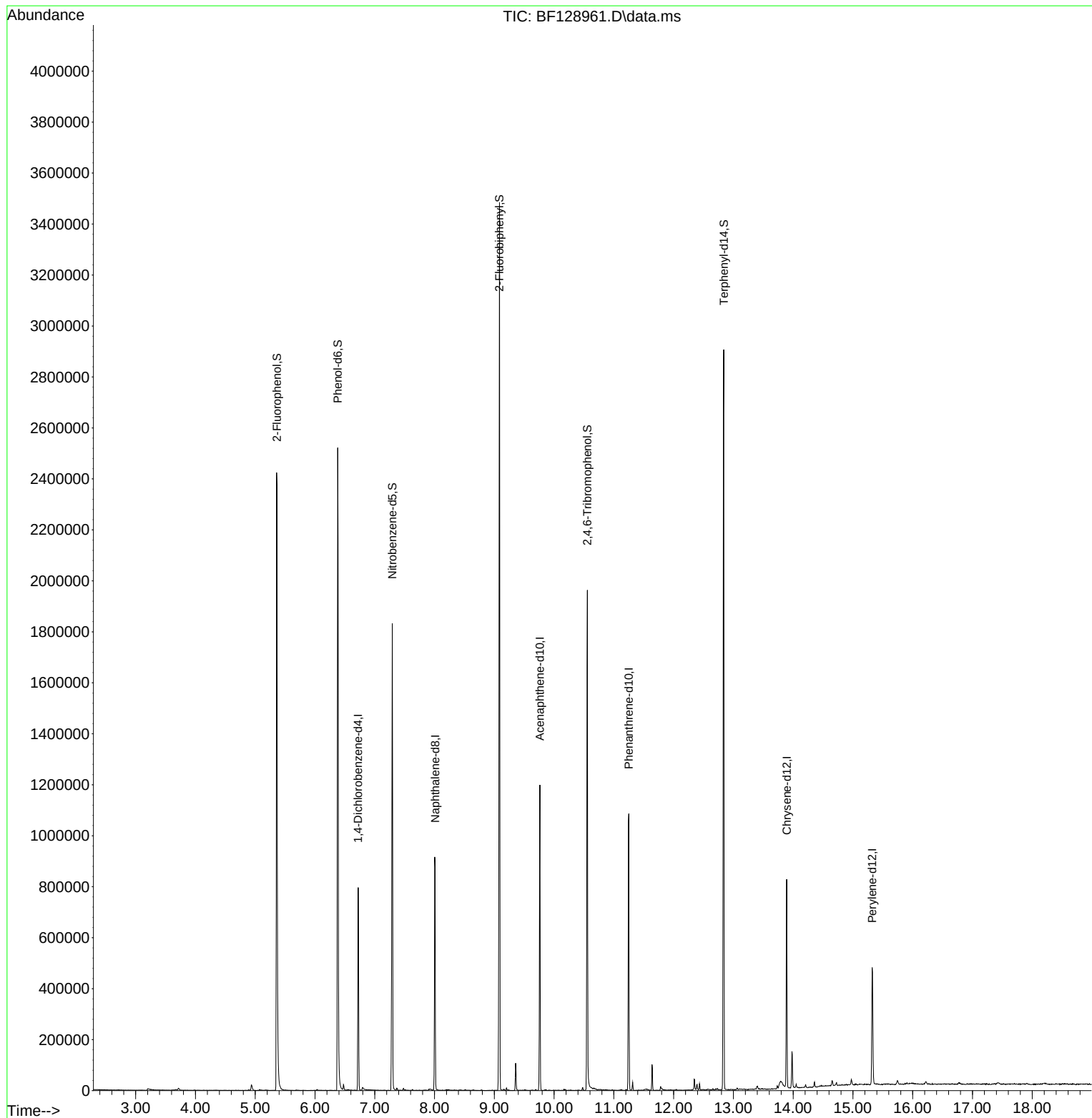
Target Compounds	Qvalue

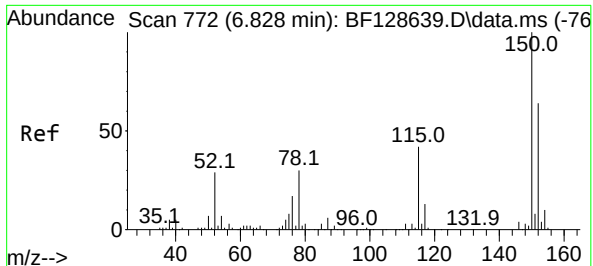
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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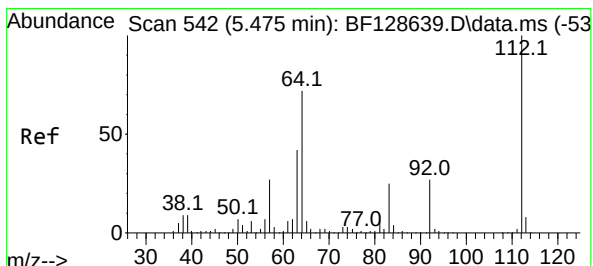
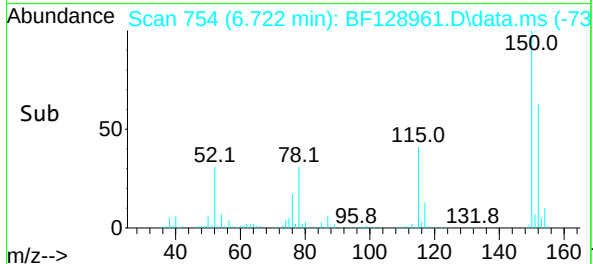
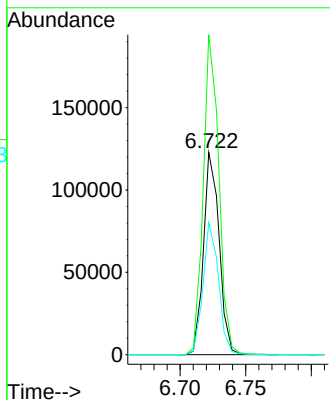
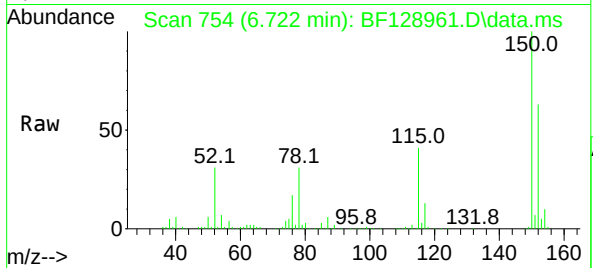




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

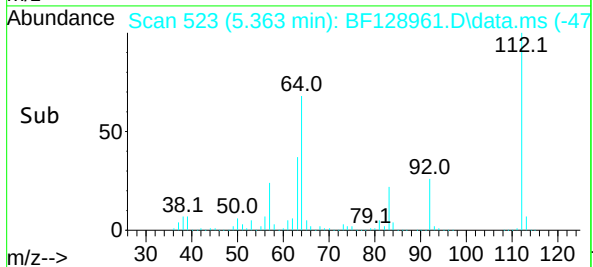
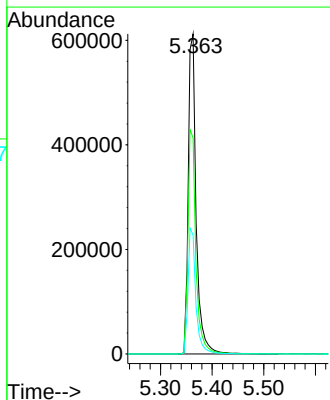
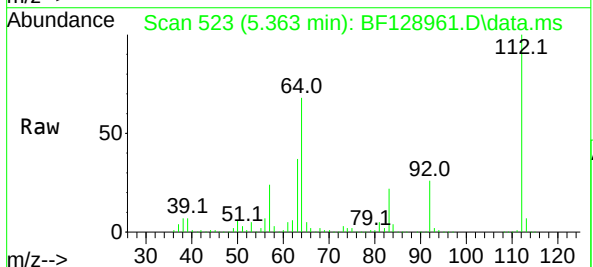
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

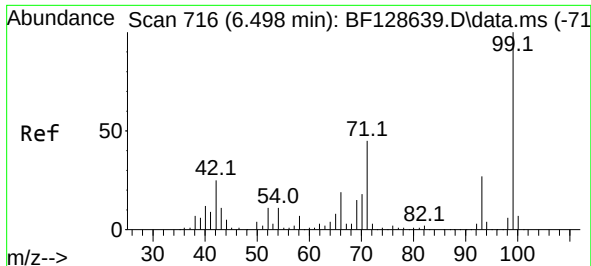
Tgt Ion:152 Resp: 101967
Ion Ratio Lower Upper
152 100
150 158.3 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 102.109 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion:112 Resp: 653666
Ion Ratio Lower Upper
112 100
64 67.5 53.3 79.9
63 37.1 28.0 42.0

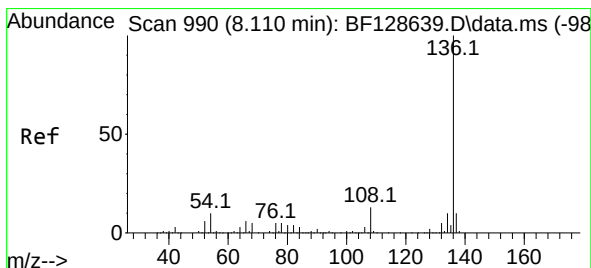
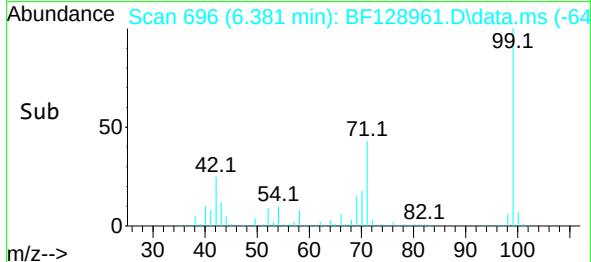
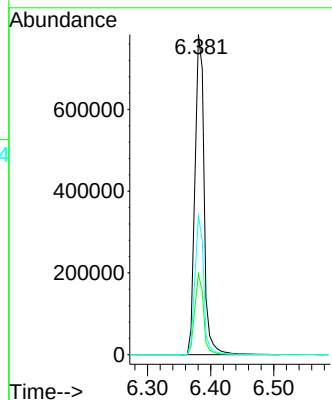
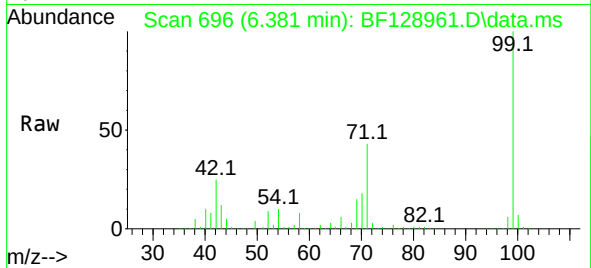




#7
Phenol-d6
Concen: 100.410 ng
RT: 6.381 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

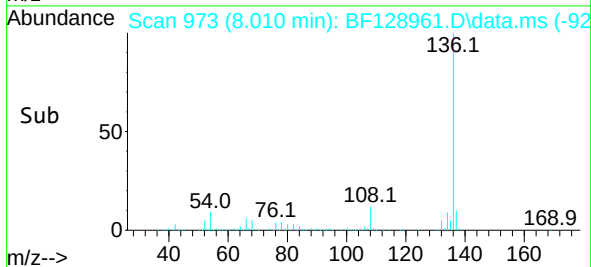
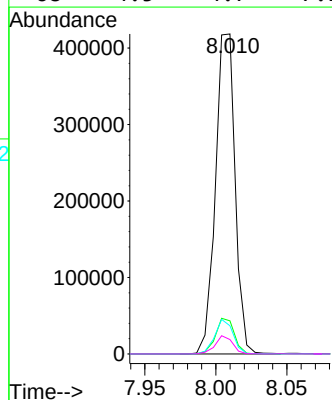
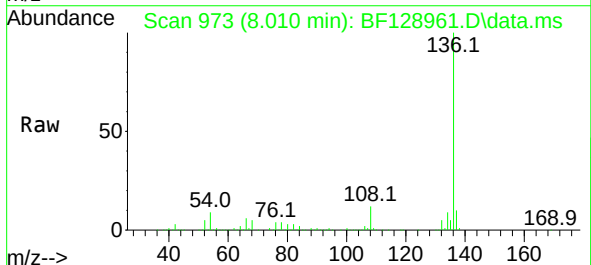
Instrument :
BNA_F
ClientSampleId :
SB-8-9-11-20220622

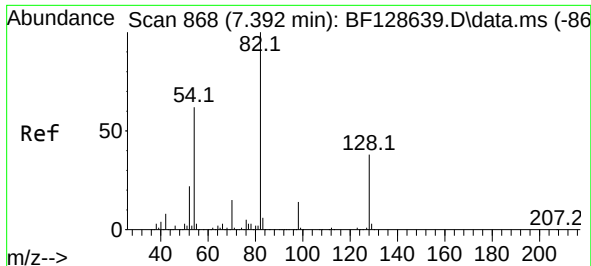
Tgt Ion: 99 Resp: 784634
Ion Ratio Lower Upper
99 100
42 25.2 17.3 25.9
71 43.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BF128961.D
Acq: 23 Jun 2022 19:39

Tgt Ion:136 Resp: 403410
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 8.8 7.5 11.3
68 4.5 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 65.415 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128961.D

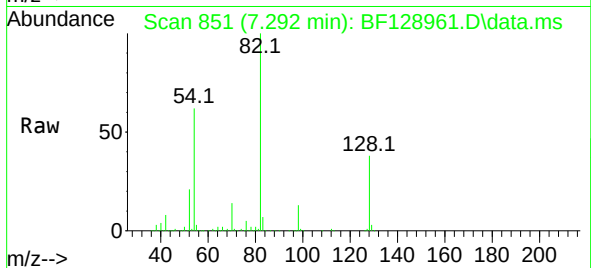
Acq: 23 Jun 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-8-9-11-20220622



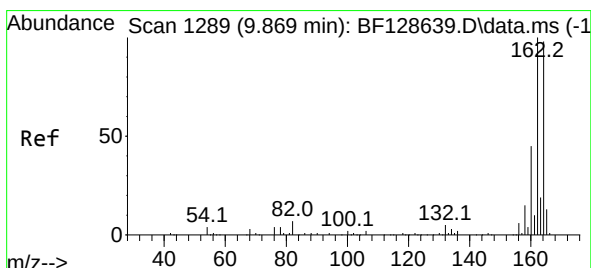
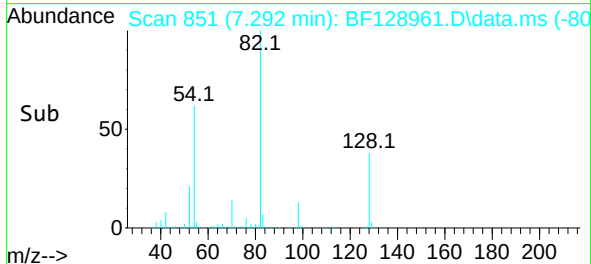
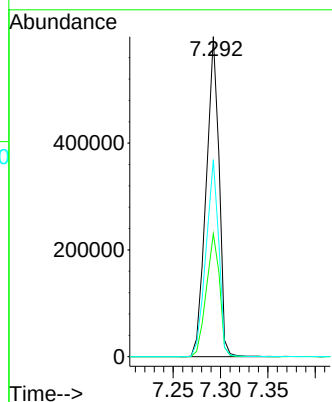
Tgt Ion: 82 Resp: 566789

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

54 61.6 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.763 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BF128961.D

Acq: 23 Jun 2022 19:39

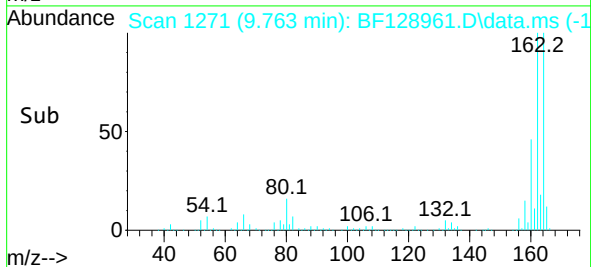
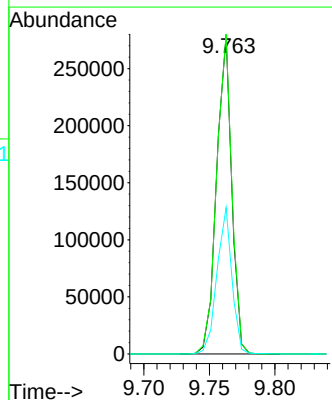
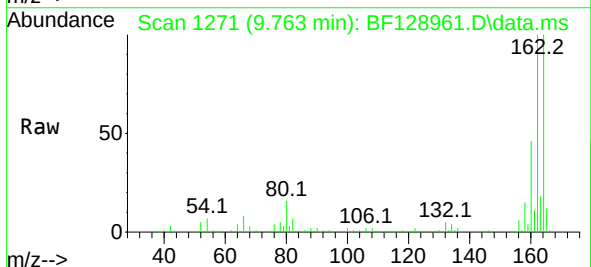
Tgt Ion: 164 Resp: 223318

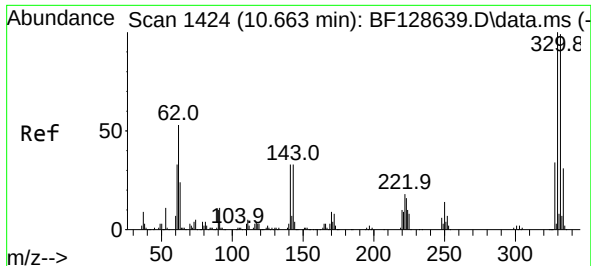
Ion Ratio Lower Upper

164 100

162 100.4 79.5 119.3

160 45.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 87.907 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128961.D

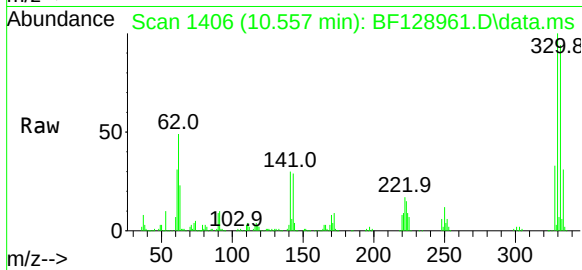
Acq: 23 Jun 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-8-9-11-20220622



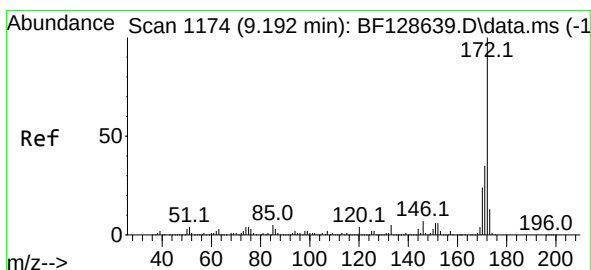
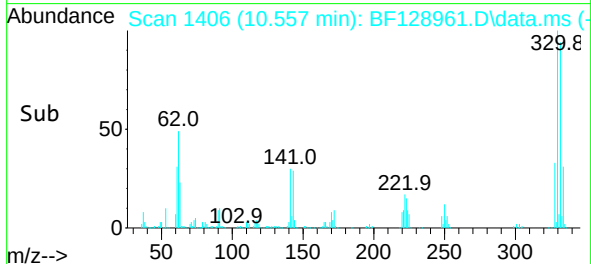
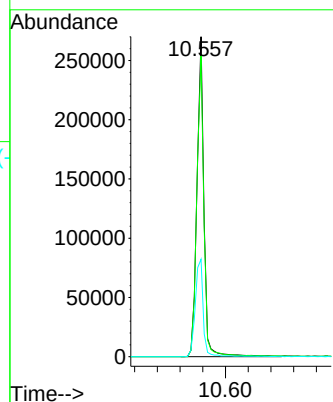
Tgt Ion:330 Resp: 231953

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

141 34.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.162 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128961.D

Acq: 23 Jun 2022 19:39

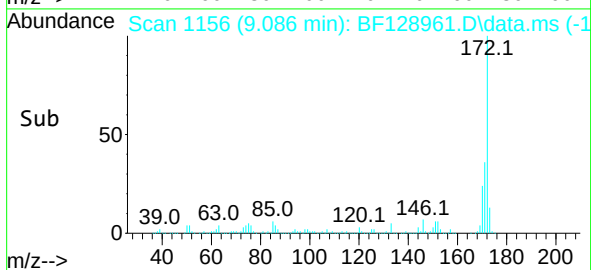
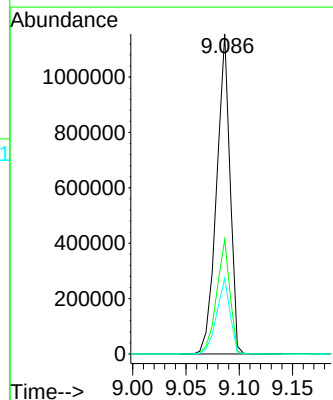
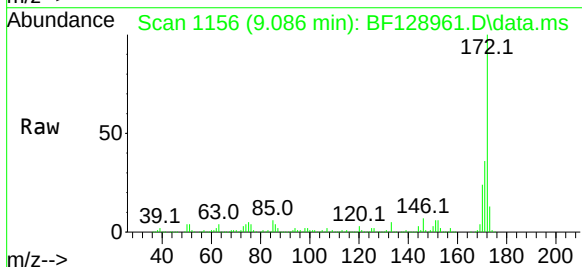
Tgt Ion:172 Resp: 1006947

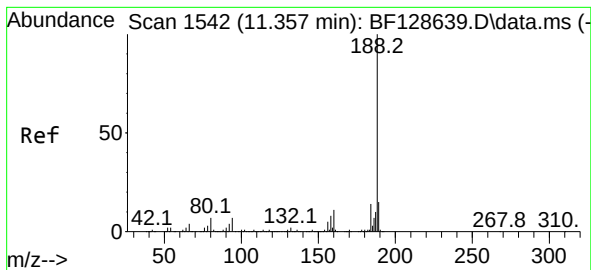
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.7 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128961.D

Acq: 23 Jun 2022 19:39

Instrument :

BNA_F

ClientSampleId :

SB-8-9-11-20220622

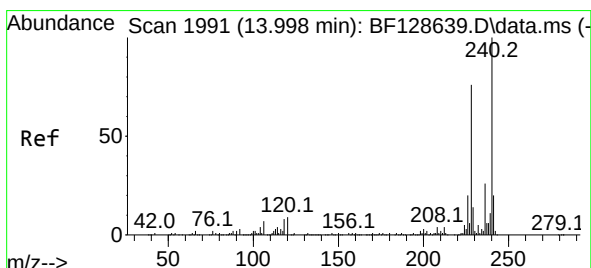
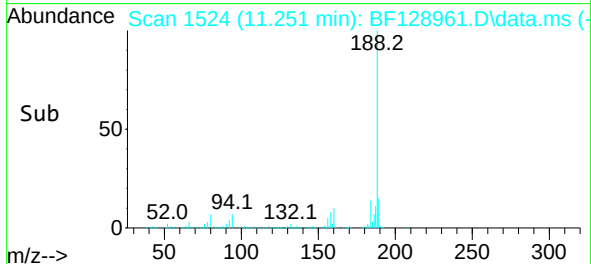
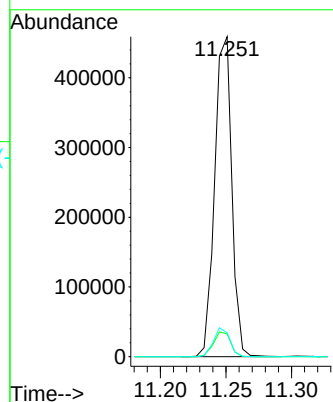
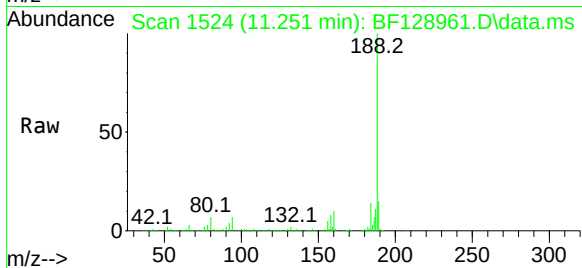
Tgt Ion:188 Resp: 416933

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

80 7.4 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BF128961.D

Acq: 23 Jun 2022 19:39

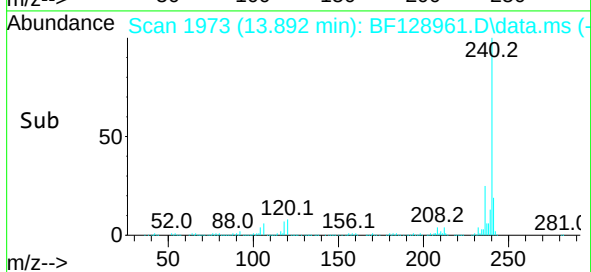
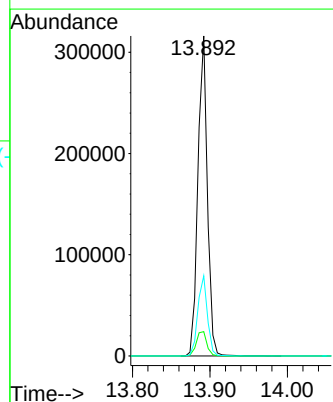
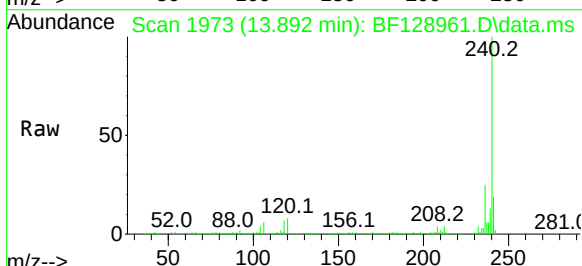
Tgt Ion:240 Resp: 267533

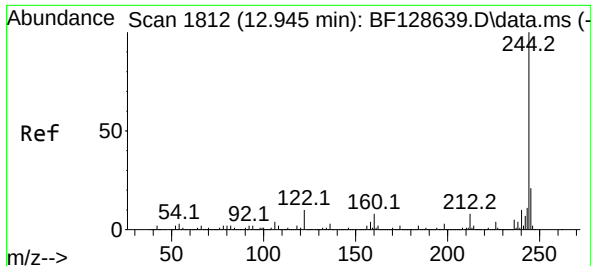
Ion Ratio Lower Upper

240 100

120 7.6 8.9 13.3#

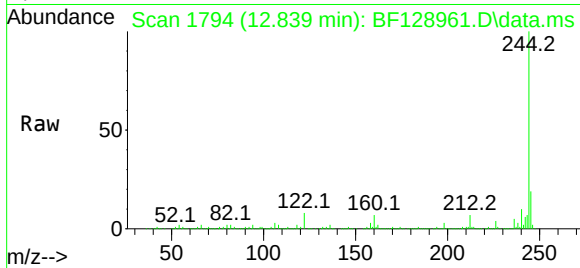
236 25.0 20.8 31.2



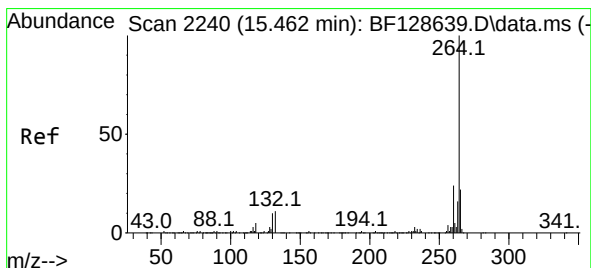
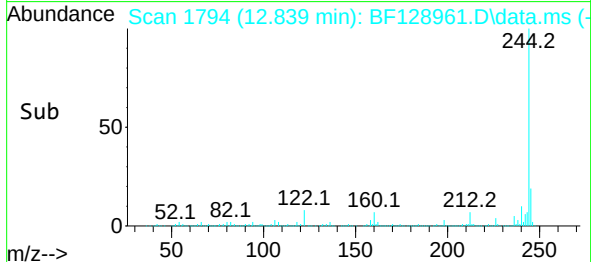
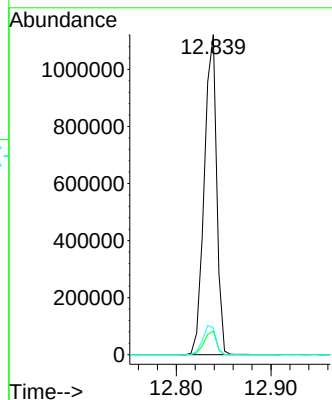


#79
 Terphenyl-d14
 Concen: 65.829 ng
 RT: 12.839 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128961.D
 Acq: 23 Jun 2022 19:39

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Tgt Ion:244 Resp: 1013533
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 8.4 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2216
 Delta R.T. -0.006 min
 Lab File: BF128961.D
 Acq: 23 Jun 2022 19:39

Tgt Ion:264 Resp: 209706
 Ion Ratio Lower Upper
 264 100
 260 21.8 18.4 27.6
 265 20.6 17.2 25.8

