

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139495.D
 Acq On : 20 Sep 2024 11:52
 Operator : RC/JU
 Sample : P4097-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT2299RE

Quant Time: Sep 20 12:30:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73301	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	256815	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	43060	20.000	ng	# 0.00
64) Phenanthrene-d10	11.398	188	129039	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	13234	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.000	ng	-15.50
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	587469	130.744	ng	0.02
7) Phenol-d6	6.504	99	294288	49.898	ng	0.00
23) Nitrobenzene-d5	7.440	82	550047	100.689	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	216344	471.928	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	975265	317.656	ng	0.00
79) Terphenyl-d14	12.980	244	380073	471.398	ng	0.00

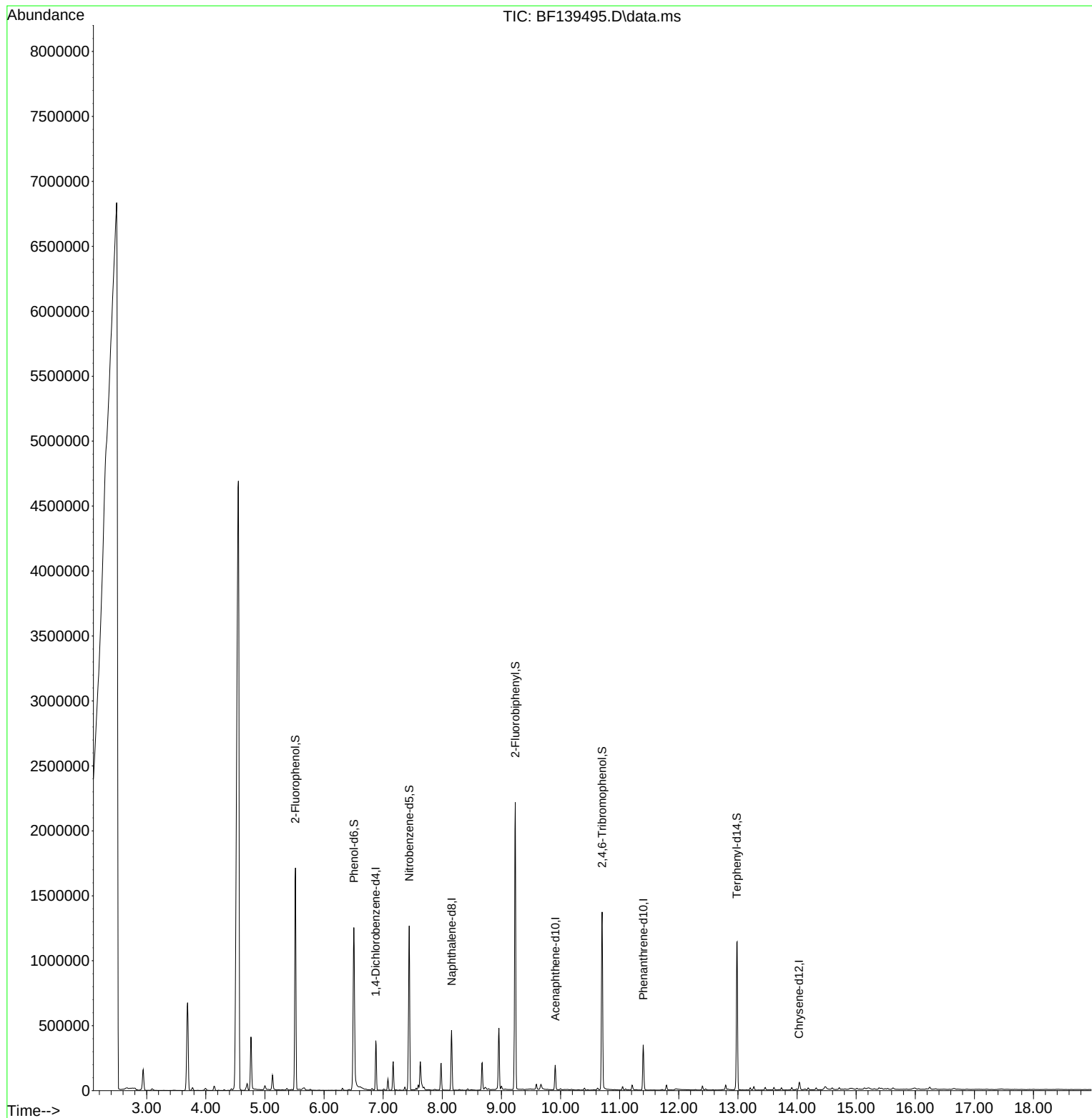
Target Compounds	Qvalue

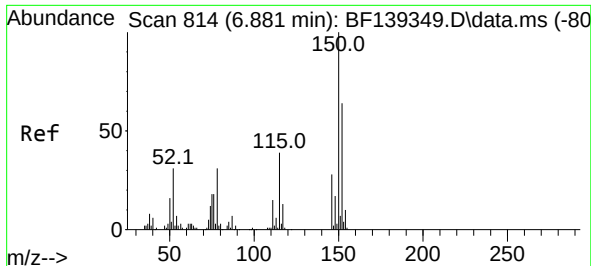
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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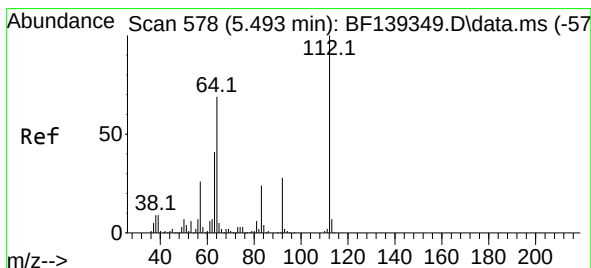
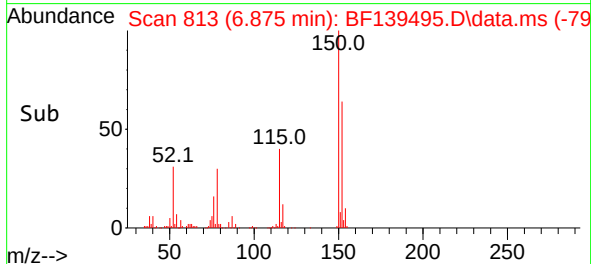
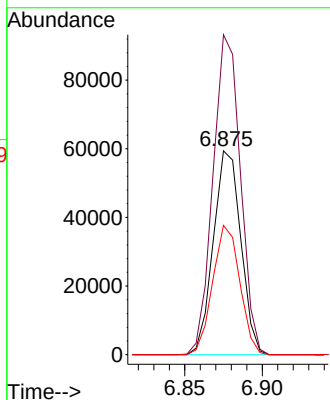
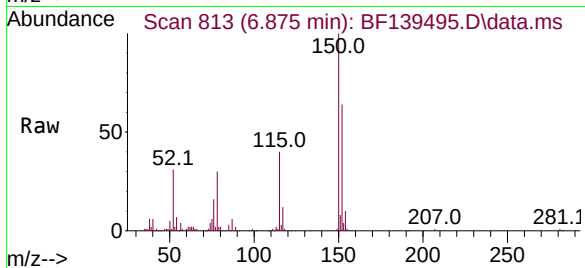




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139495.D
Acq: 20 Sep 2024 11:52

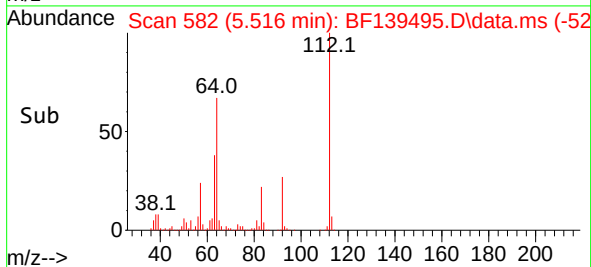
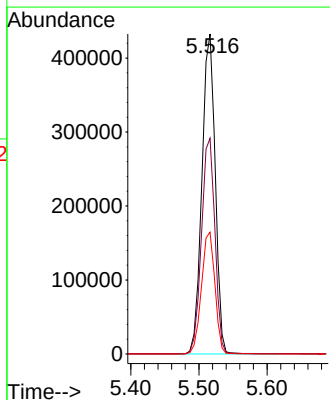
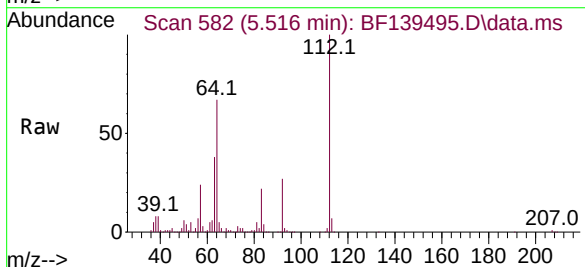
Instrument :
BNA_F
ClientSampleId :
RT2299RE

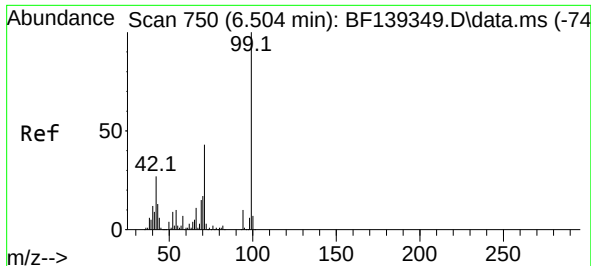
Tgt Ion:152 Resp: 73301
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 63.4 48.1 72.1



#5
2-Fluorophenol
Concen: 130.744 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139495.D
Acq: 20 Sep 2024 11:52

Tgt Ion:112 Resp: 587469
Ion Ratio Lower Upper
112 100
64 67.4 54.8 82.2
63 38.1 33.0 49.4





#7

Phenol-d6

Concen: 49.898 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF139495.D

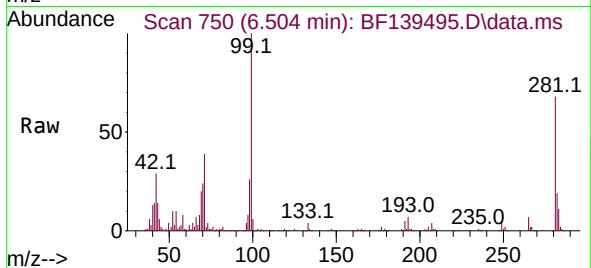
Acq: 20 Sep 2024 11:52

Instrument :

BNA_F

ClientSampleId :

RT2299RE



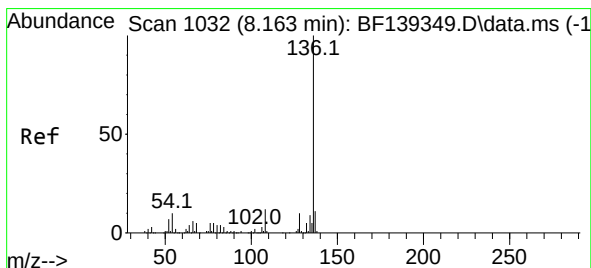
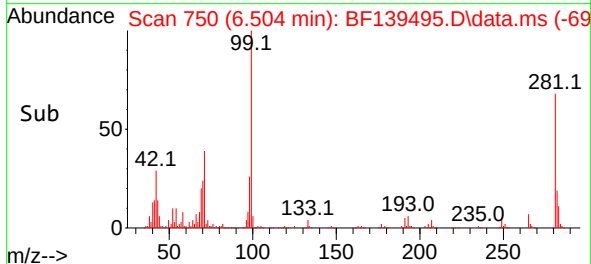
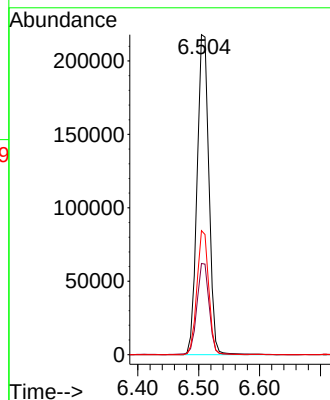
Tgt Ion: 99 Resp: 294288

Ion Ratio Lower Upper

99 100

42 28.5 21.9 32.9

71 38.7 34.6 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139495.D

Acq: 20 Sep 2024 11:52

Tgt Ion: 136 Resp: 256815

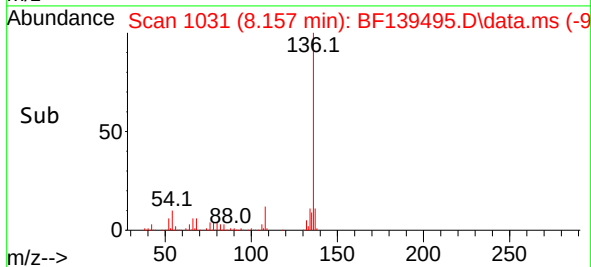
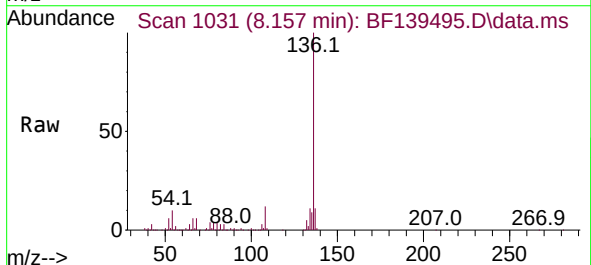
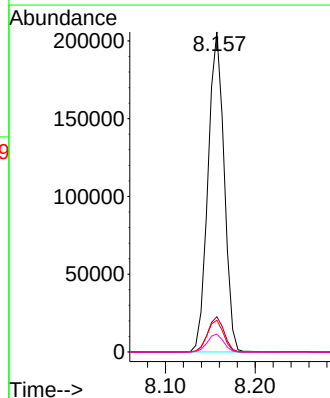
Ion Ratio Lower Upper

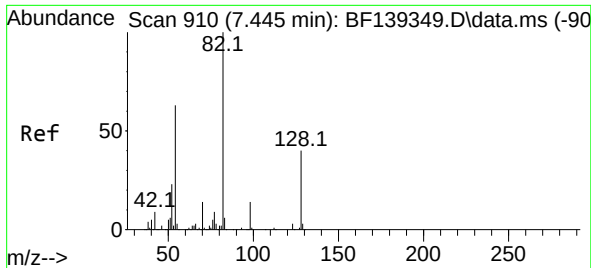
136 100

137 11.0 8.6 12.8

54 9.9 7.8 11.8

68 5.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 100.689 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139495.D

Acq: 20 Sep 2024 11:52

Instrument :

BNA_F

ClientSampleId :

RT2299RE

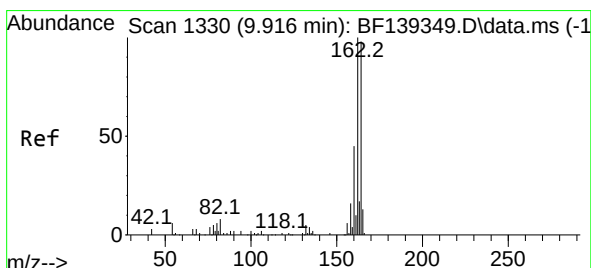
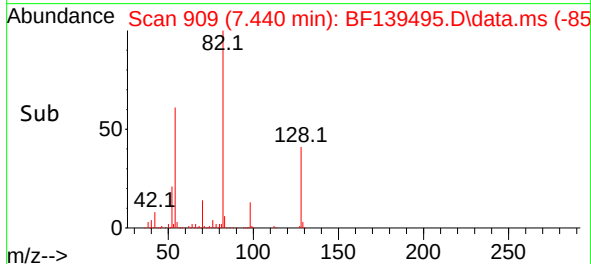
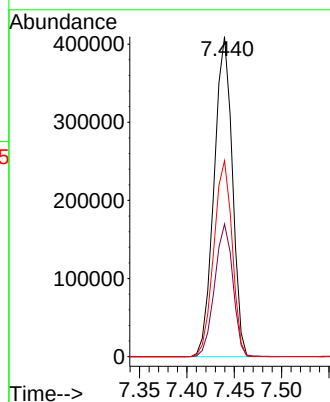
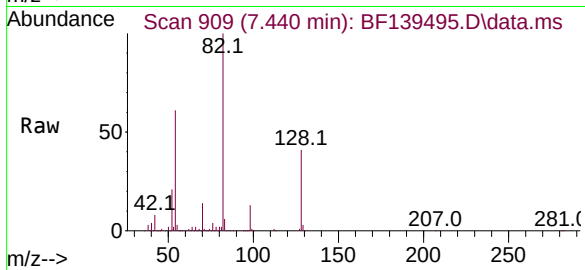
Tgt Ion: 82 Resp: 550047

Ion Ratio Lower Upper

82 100

128 41.5 31.8 47.6

54 61.2 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139495.D

Acq: 20 Sep 2024 11:52

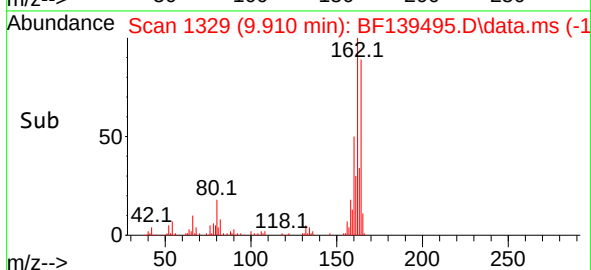
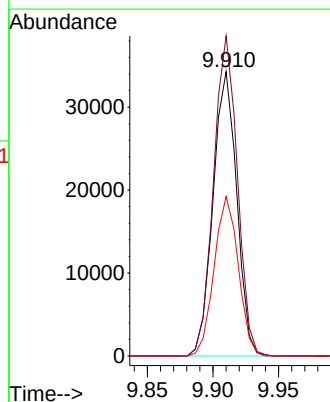
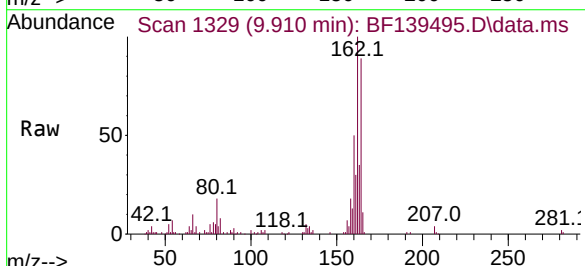
Tgt Ion:164 Resp: 43060

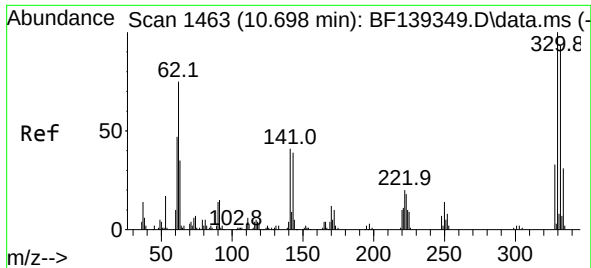
Ion Ratio Lower Upper

164 100

162 112.6 81.3 121.9

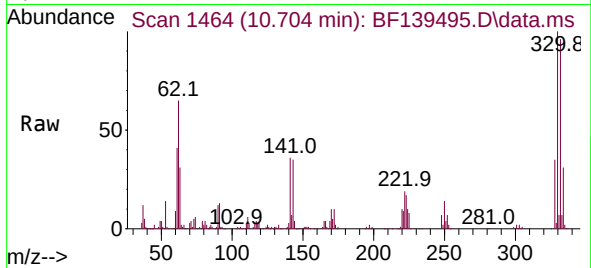
160 56.1 36.4 54.6#



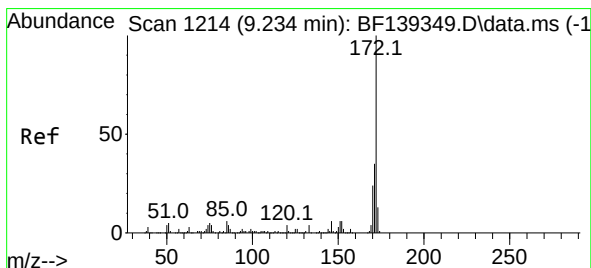
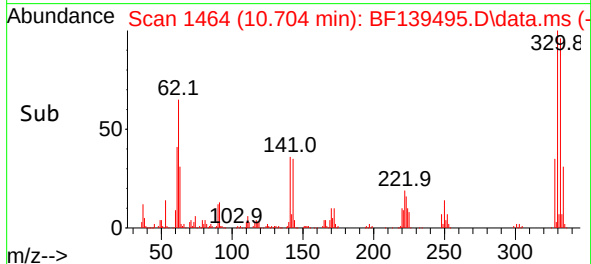
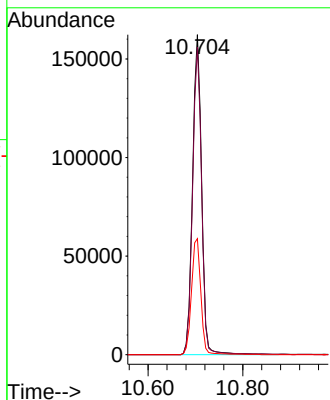


#42
2,4,6-Tribromophenol
Concen: 471.928 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139495.D
Acq: 20 Sep 2024 11:52

Instrument :
BNA_F
ClientSampleId :
RT2299RE

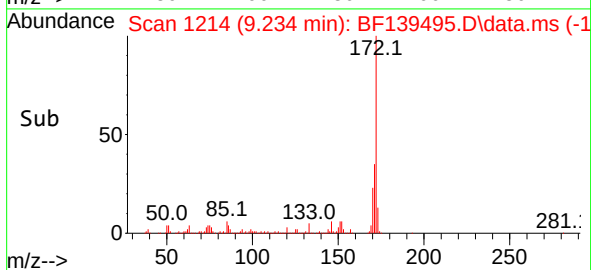
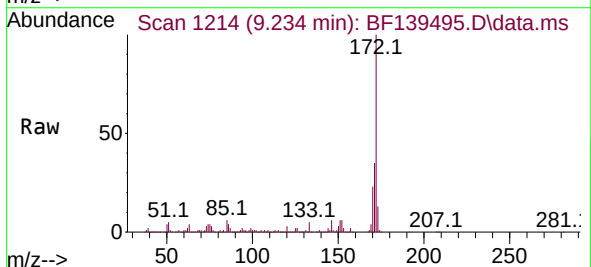
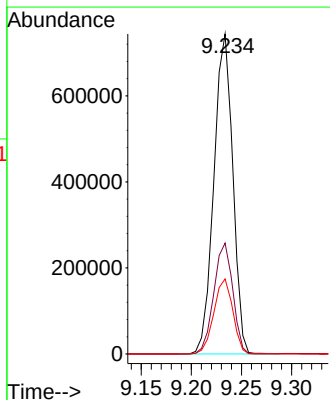


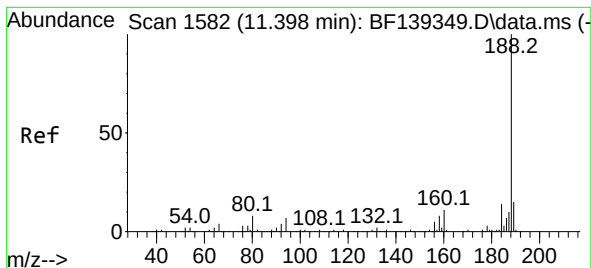
Tgt Ion:330 Resp: 216344
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 37.5 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 317.656 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139495.D
Acq: 20 Sep 2024 11:52

Tgt Ion:172 Resp: 975265
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139495.D

Acq: 20 Sep 2024 11:52

Instrument :

BNA_F

ClientSampleId :

RT2299RE

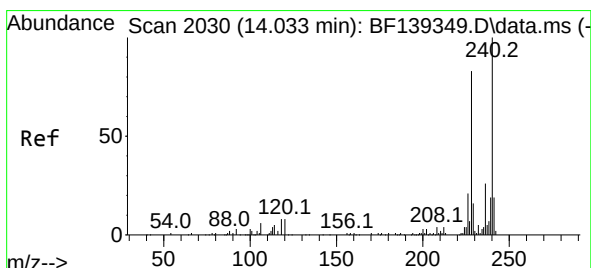
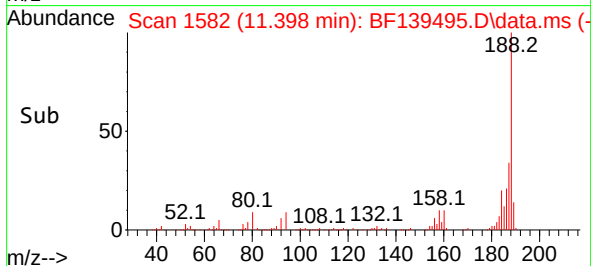
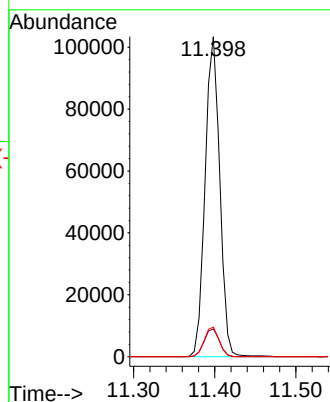
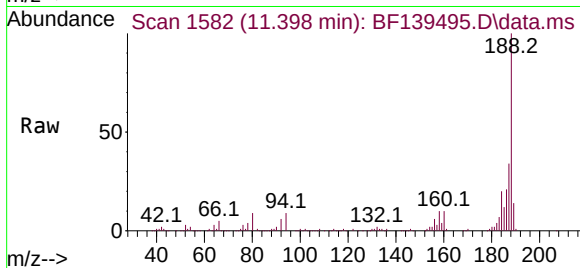
Tgt Ion:188 Resp: 129039

Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 9.2 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139495.D

Acq: 20 Sep 2024 11:52

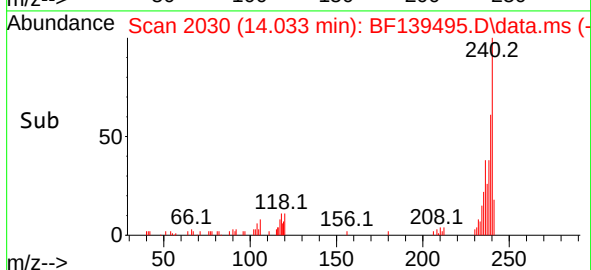
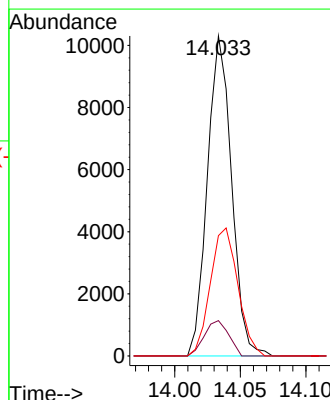
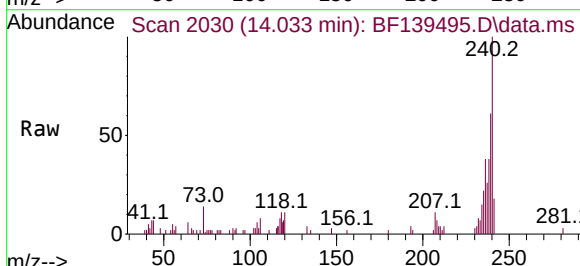
Tgt Ion:240 Resp: 13234

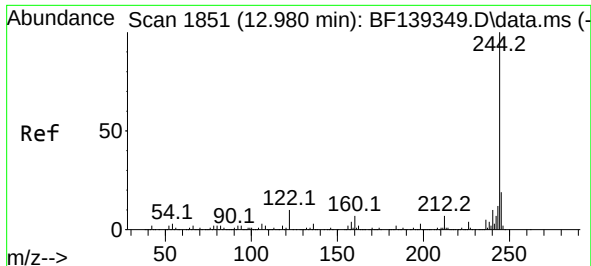
Ion Ratio Lower Upper

240 100

120 11.1 6.2 9.2#

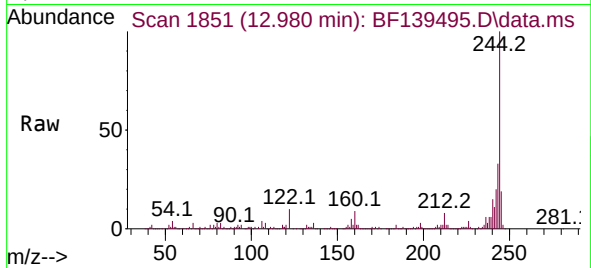
236 37.6 20.9 31.3#



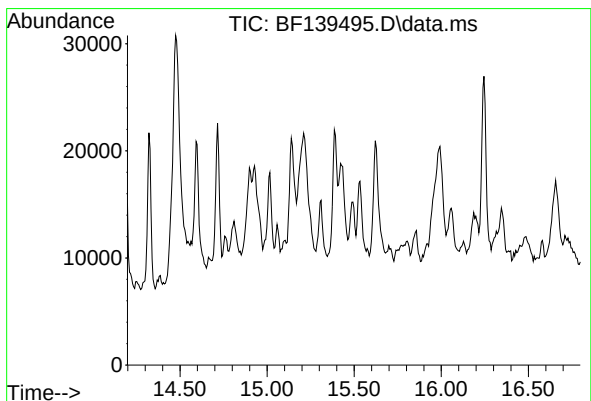
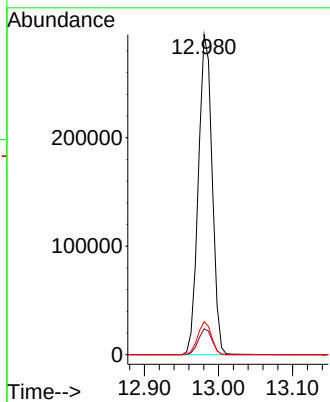
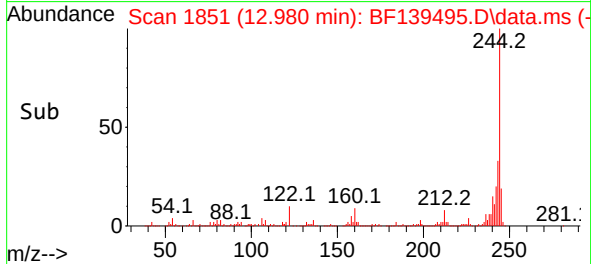


#79
 Terphenyl-d14
 Concen: 471.398 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139495.D
 Acq: 20 Sep 2024 11:52

Instrument :
 BNA_F
 ClientSampleId :
 RT2299RE



Tgt Ion:244 Resp: 380073
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 10.3 7.6 11.4



#86
 Perylene-d12
 Concen: 0.000 ng
 Expected RT: 15.50 min

Lab File: BF139495.D
 Acq: 20 Sep 2024 11:52

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.4
 265 20.8

