

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139500.D
Acq On : 20 Sep 2024 14:28
Operator : RC/JU
Sample : P4120-13
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB24085

Quant Time: Sep 20 14:55:12 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	75619	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	280924	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	141392	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	207833	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148505	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	101861	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	264634	57.090	ng	0.00
7) Phenol-d6	6.504	99	351037	57.696	ng	0.00
23) Nitrobenzene-d5	7.433	82	232697	38.941	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	64142	42.611	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	250797	24.877	ng	0.00
79) Terphenyl-d14	12.980	244	151194	16.711	ng	0.00

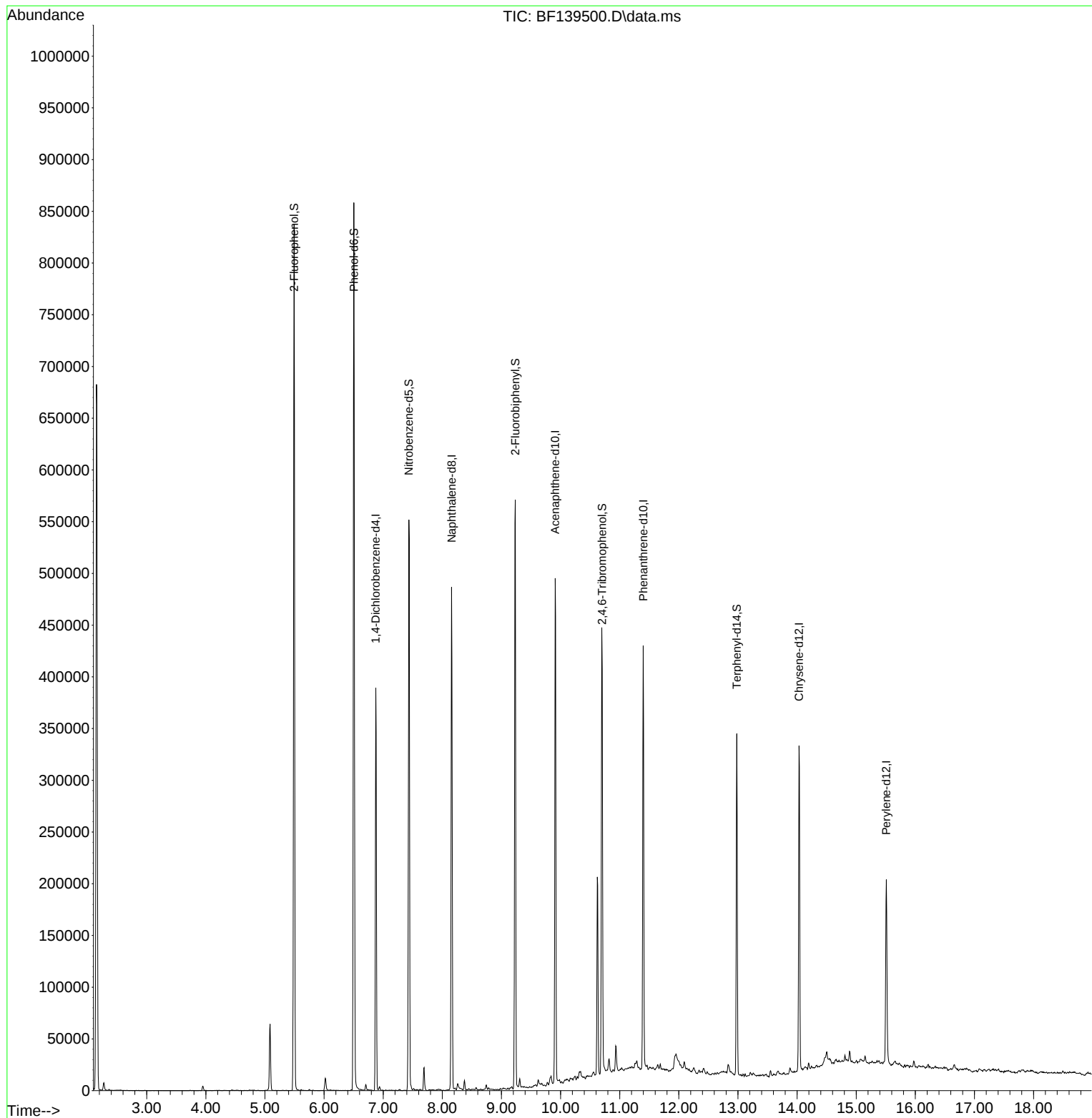
Target Compounds	Qvalue

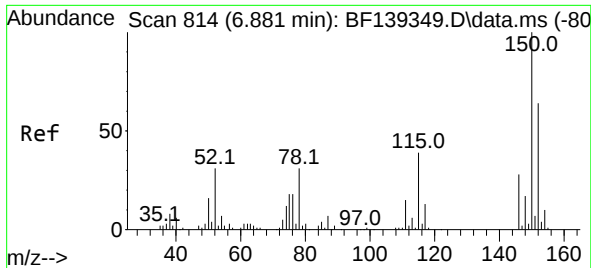
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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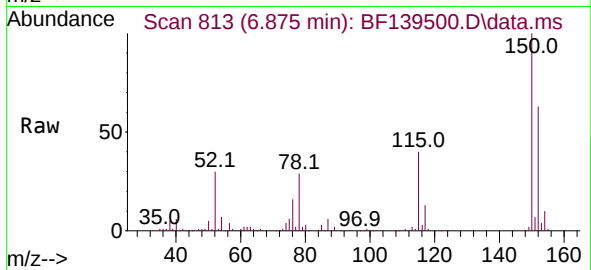
Quant Time: Sep 20 14:55:12 2024
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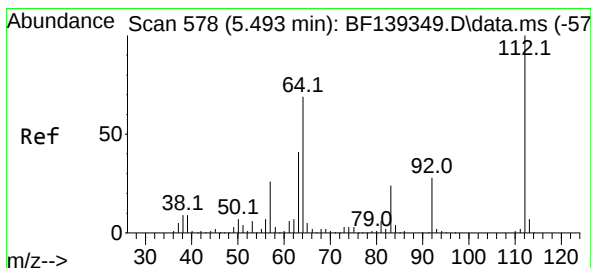
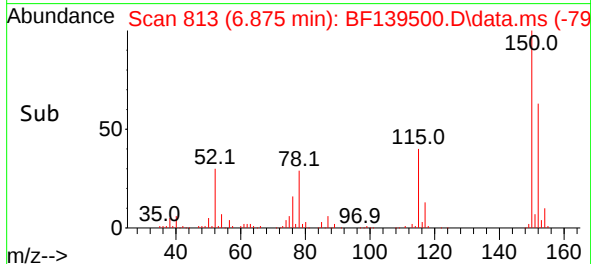
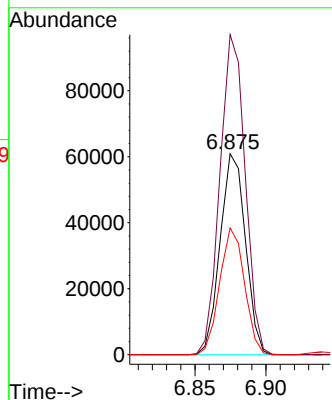


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Instrument :
BNA_F
ClientSampleId :
RB24085

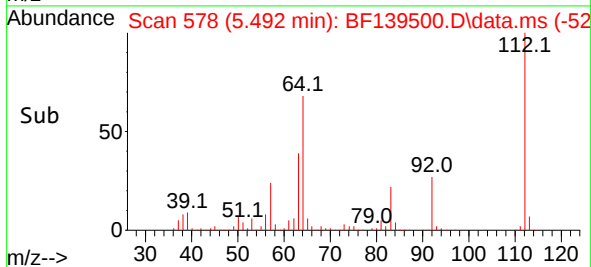
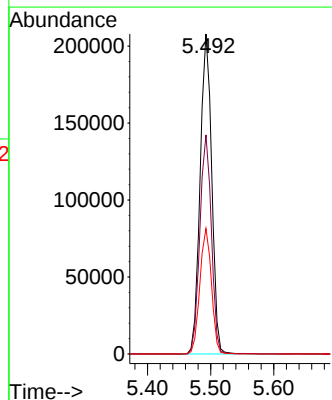
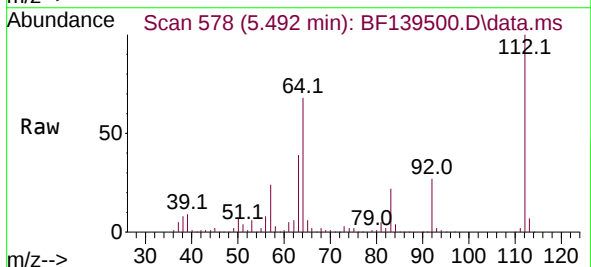


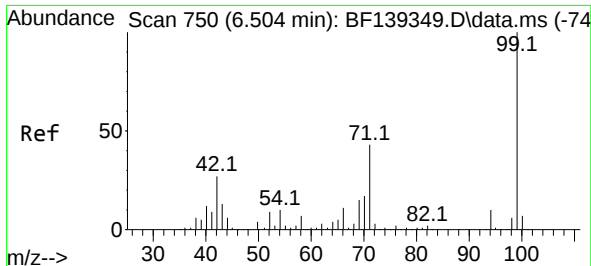
Tgt Ion:152 Resp: 75619
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 63.0 48.1 72.1



#5
2-Fluorophenol
Concen: 57.090 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Tgt Ion:112 Resp: 264634
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 39.2 33.0 49.4





#7

Phenol-d6

Concen: 57.696 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

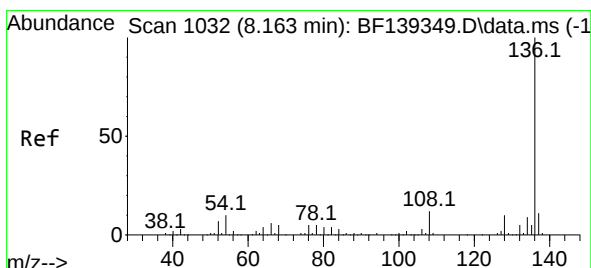
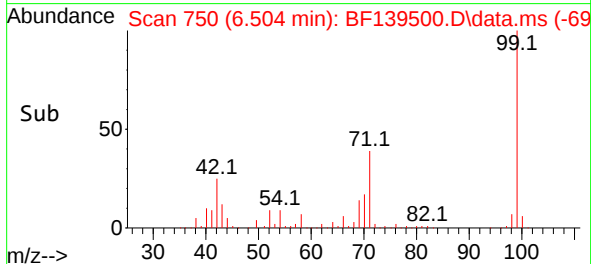
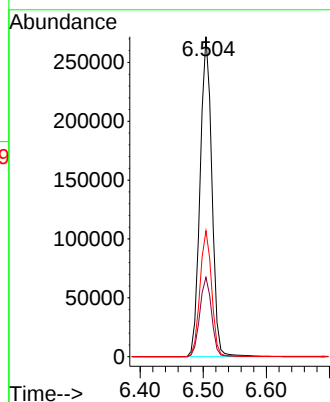
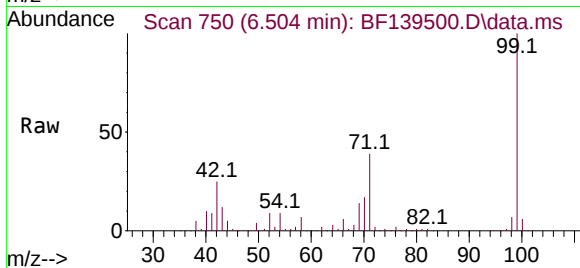
Tgt Ion: 99 Resp: 351037

Ion Ratio Lower Upper

99 100

42 24.8 21.9 32.9

71 39.4 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: BF139500.D

Acq: 20 Sep 2024 14:28

Tgt Ion: 136 Resp: 280924

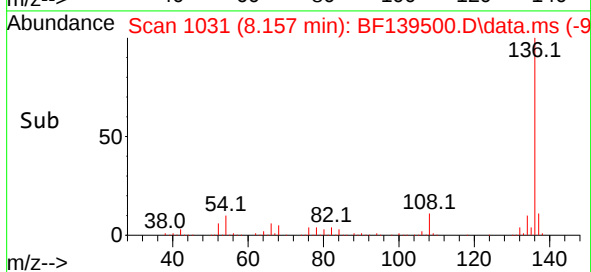
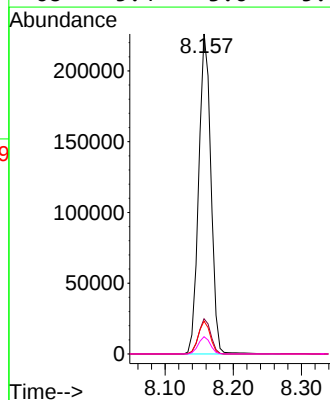
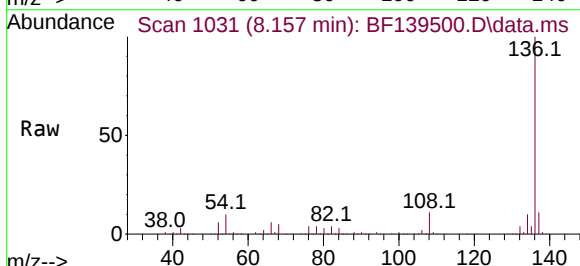
Ion Ratio Lower Upper

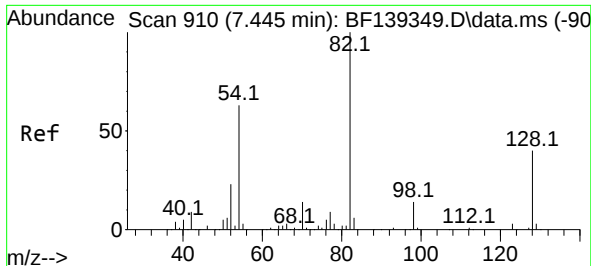
136 100

137 11.0 8.6 12.8

54 10.2 7.8 11.8

68 5.4 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 38.941 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

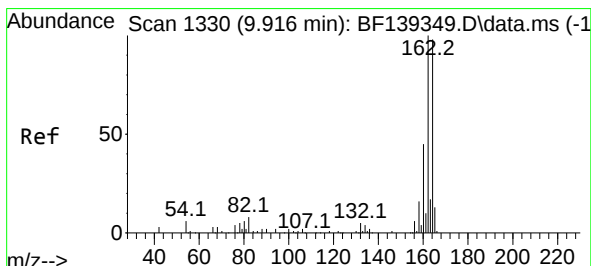
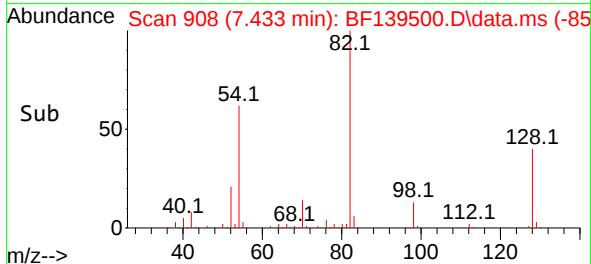
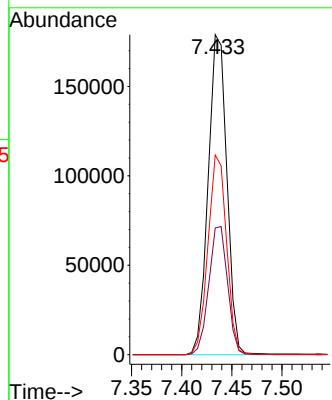
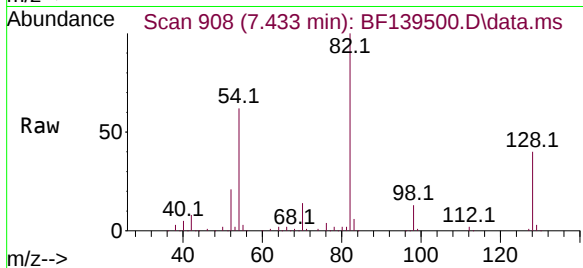
Tgt Ion: 82 Resp: 232697

Ion Ratio Lower Upper

82 100

128 39.6 31.8 47.6

54 62.4 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: BF139500.D

Acq: 20 Sep 2024 14:28

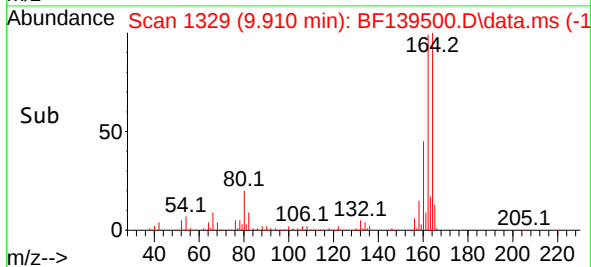
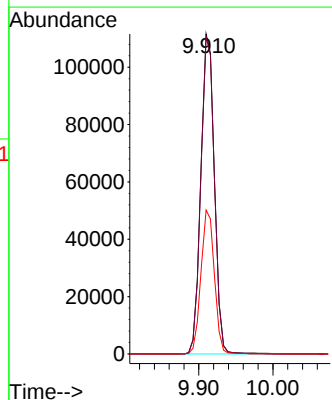
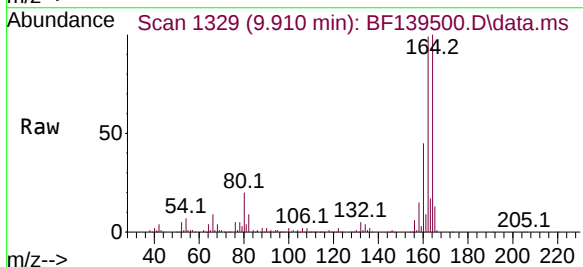
Tgt Ion:164 Resp: 141392

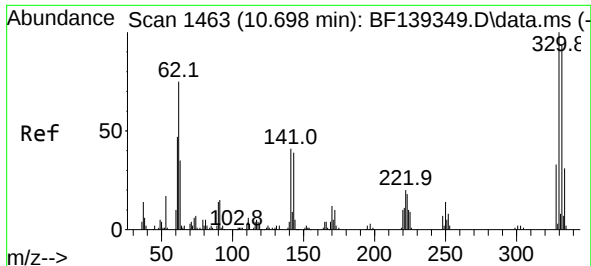
Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 42.611 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

Instrument :

BNA_F

ClientSampleId :

RB24085

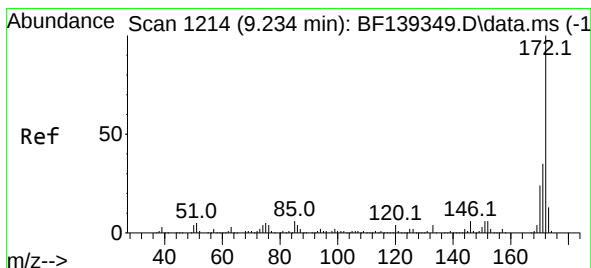
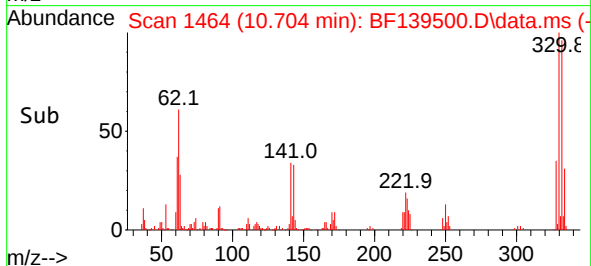
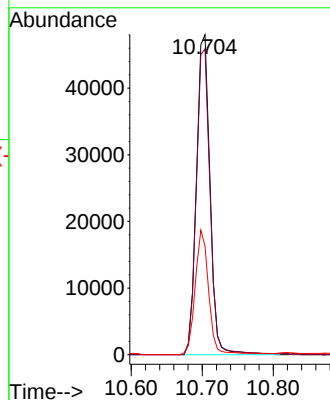
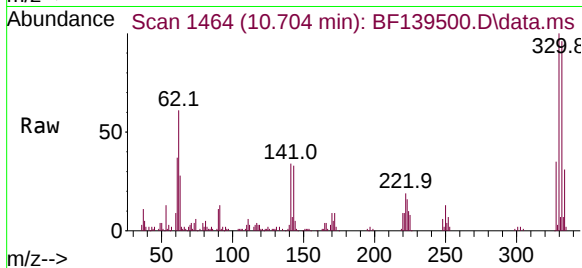
Tgt Ion:330 Resp: 64142

Ion Ratio Lower Upper

330 100

332 96.5 75.2 112.8

141 39.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 24.877 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139500.D

Acq: 20 Sep 2024 14:28

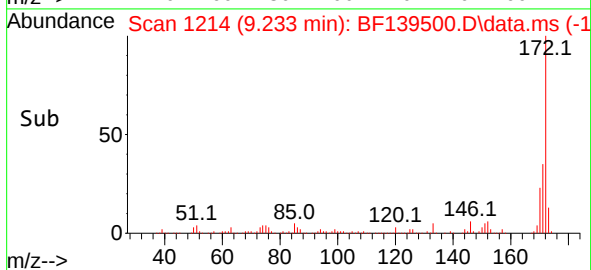
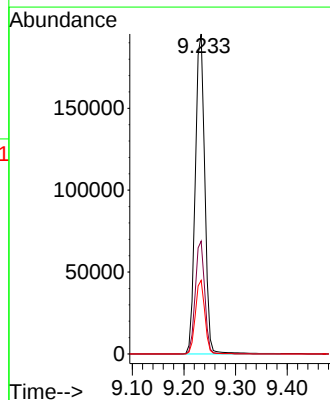
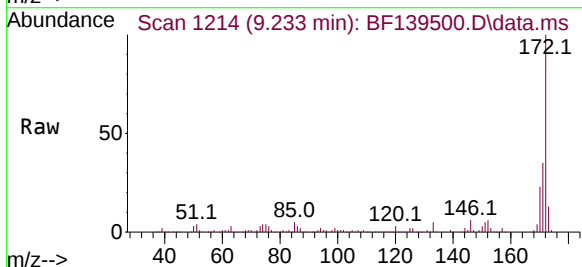
Tgt Ion:172 Resp: 250797

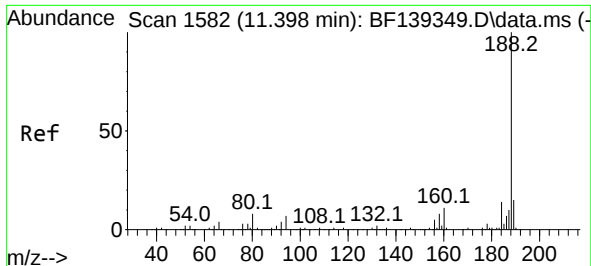
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 19.0 28.6

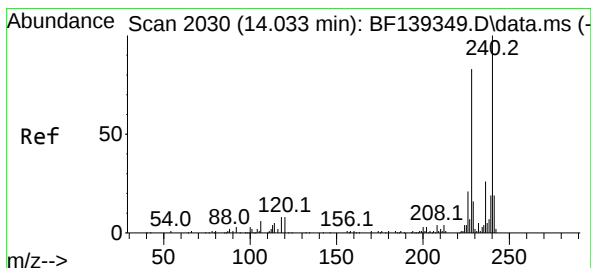
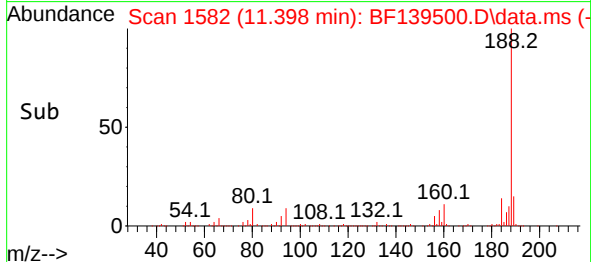
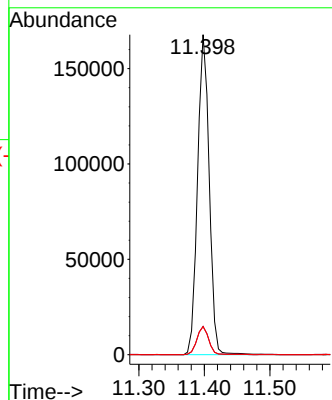
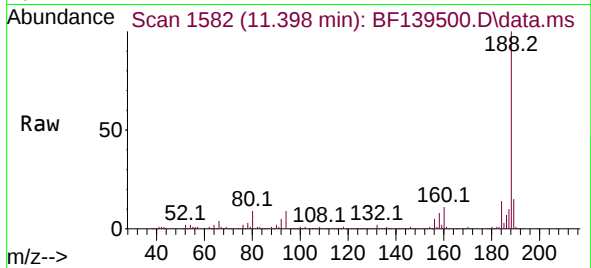




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

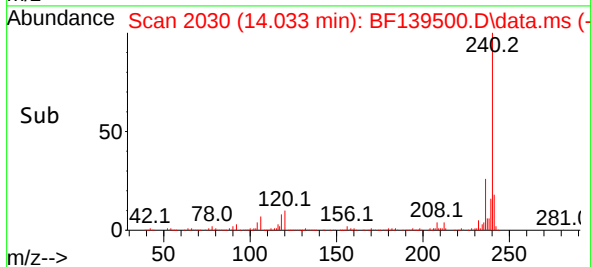
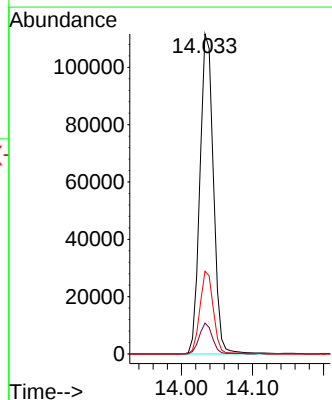
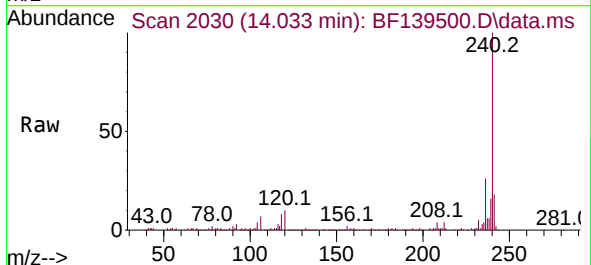
Instrument :
BNA_F
ClientSampleId :
RB24085

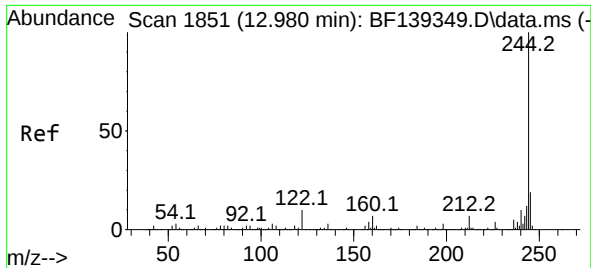
Tgt Ion:188 Resp: 207833
Ion Ratio Lower Upper
188 100
94 8.9 5.5 8.3#
80 8.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

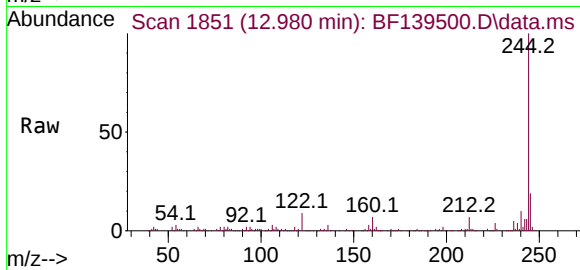
Tgt Ion:240 Resp: 148505
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 25.9 20.9 31.3



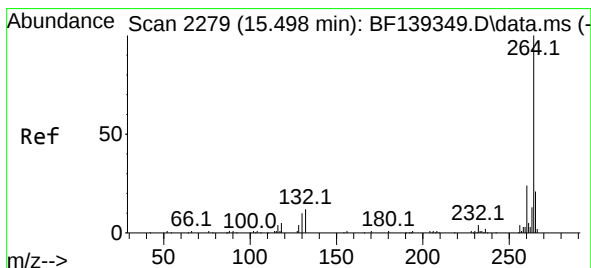
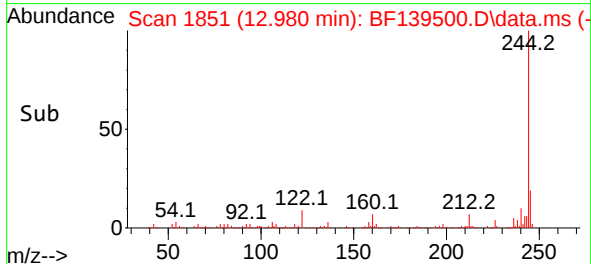
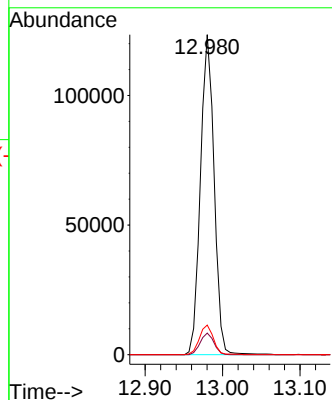


#79
Terphenyl-d14
Concen: 16.711 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 151194
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 9.2 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.509 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139500.D
Acq: 20 Sep 2024 14:28

Tgt Ion:264 Resp: 101861
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 22.4 16.6 25.0

