

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139522.D
 Acq On : 24 Sep 2024 16:10
 Operator : RC/JU
 Sample : P4149-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-8

Quant Time: Sep 24 16:35:20 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	47235	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	179284	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102729	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	204790	20.000	ng	0.00
76) Chrysene-d12	14.033	240	128597	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	124570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	232133	80.171	ng	0.00
7) Phenol-d6	6.498	99	318709	83.860	ng	0.00
23) Nitrobenzene-d5	7.434	82	210643	55.234	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	71378	65.264	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	402212	54.912	ng	0.00
79) Terphenyl-d14	12.980	244	434669	55.480	ng	0.00

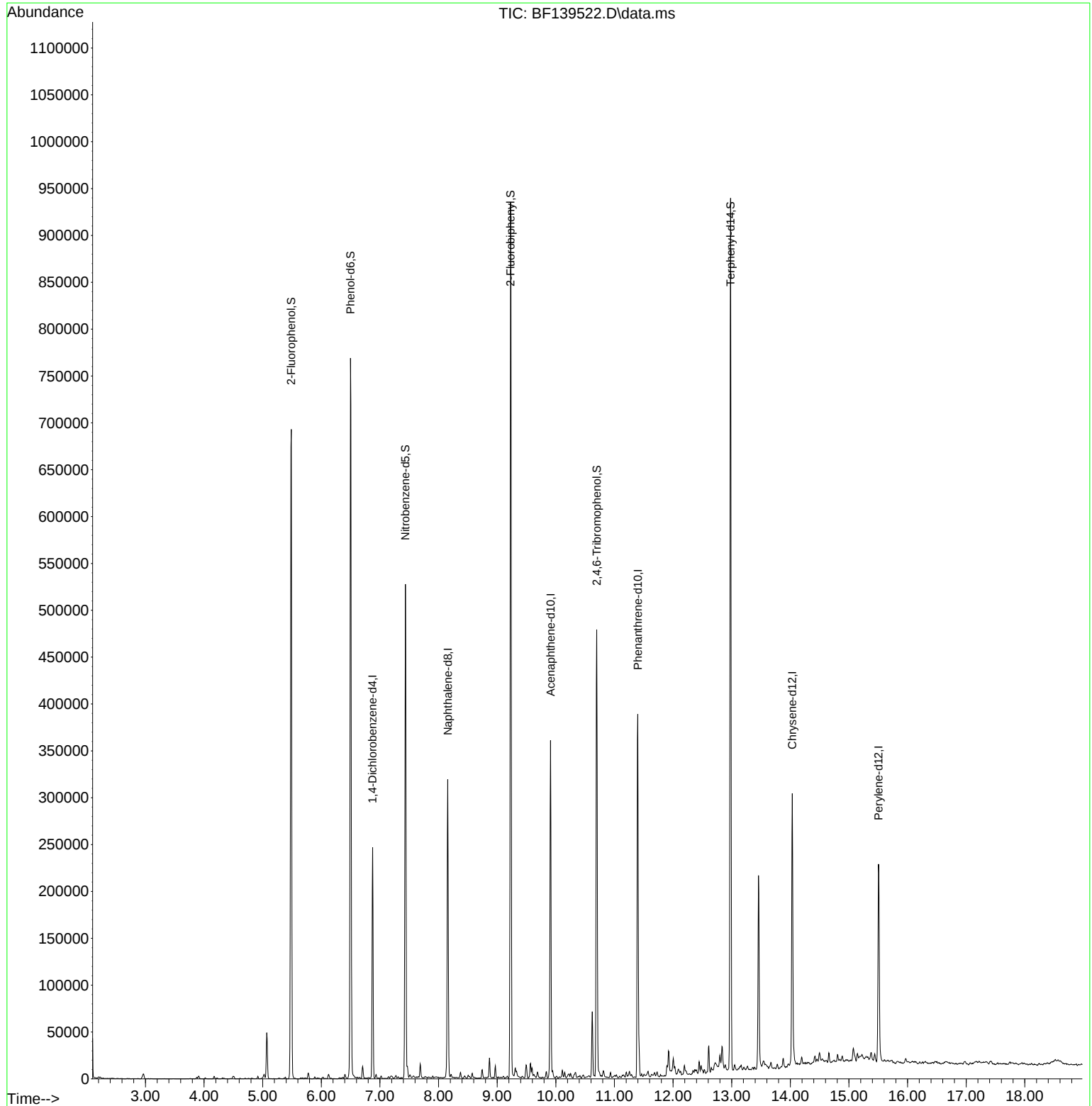
Target Compounds	Qvalue

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

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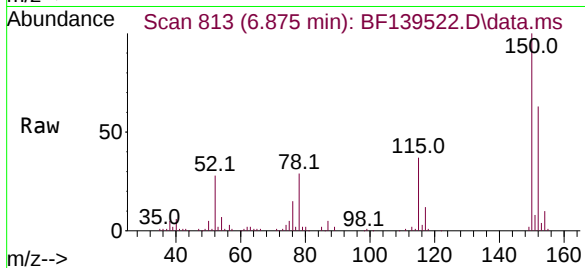
Quant Time: Sep 24 16:35:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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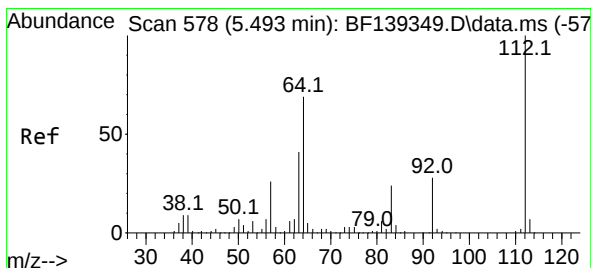
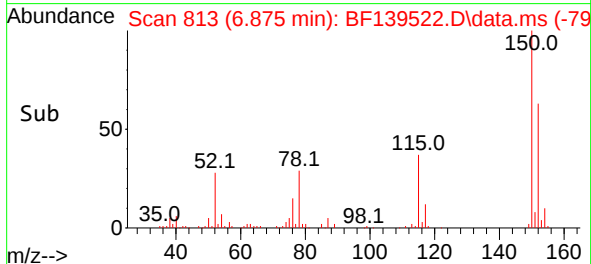
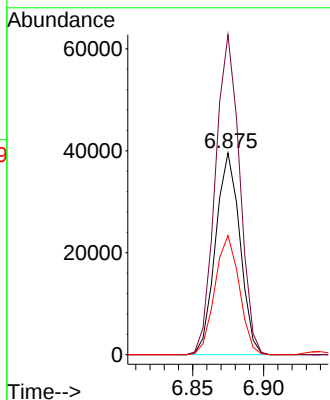


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Instrument :
BNA_F
ClientSampleId :
COMP-8

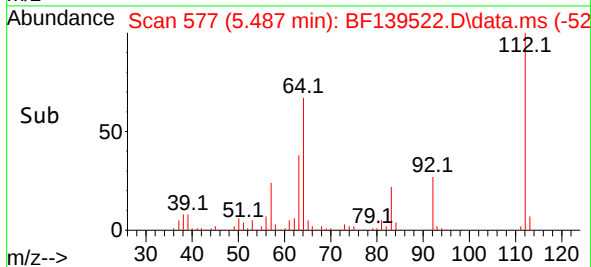
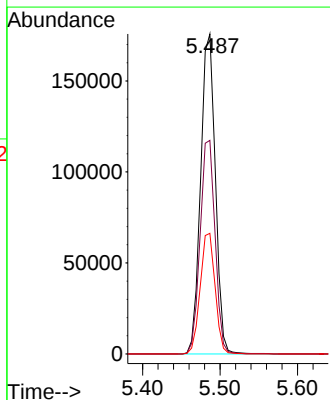
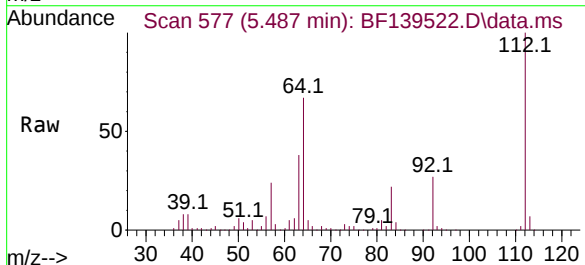


Tgt Ion:152 Resp: 47235
Ion Ratio Lower Upper
152 100
150 158.6 124.1 186.1
115 59.0 48.1 72.1



#5
2-Fluorophenol
Concen: 80.171 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion:112 Resp: 232133
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 37.7 33.0 49.4

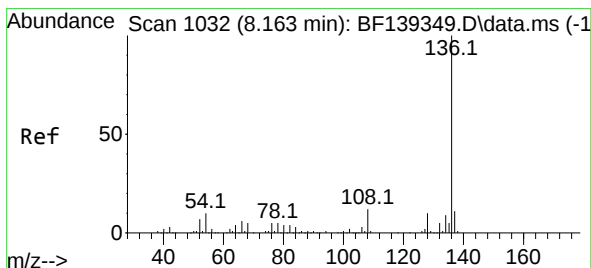
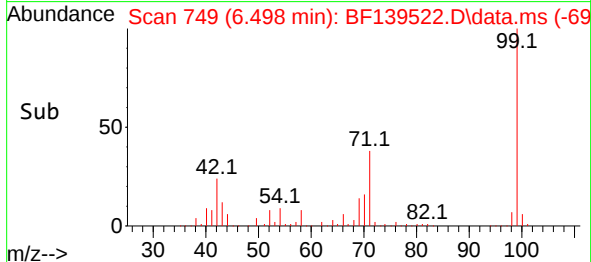
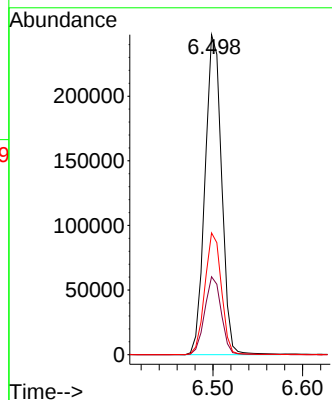
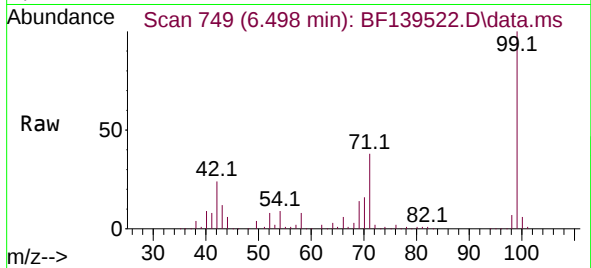




#7
Phenol-d6
Concen: 83.860 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

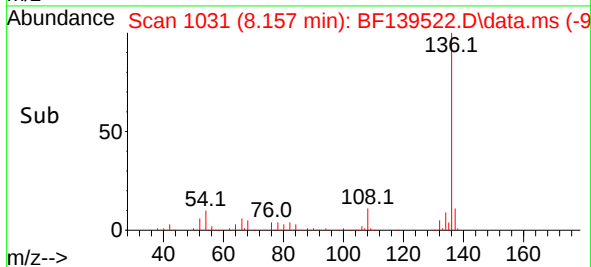
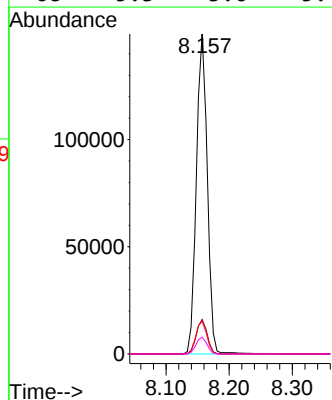
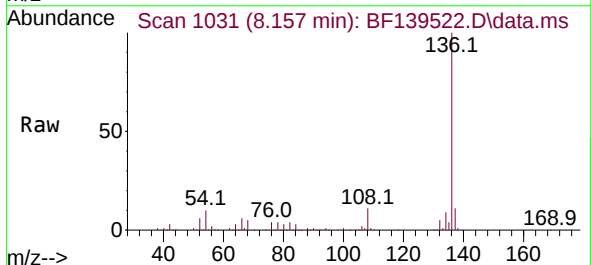
Instrument :
BNA_F
ClientSampleId :
COMP-8

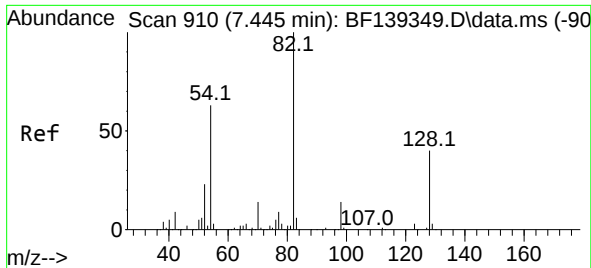
Tgt Ion: 99 Resp: 318709
Ion Ratio Lower Upper
99 100
42 24.3 21.9 32.9
71 38.0 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion:136 Resp: 179284
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.2 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 55.234 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

Instrument :

BNA_F

ClientSampleId :

COMP-8

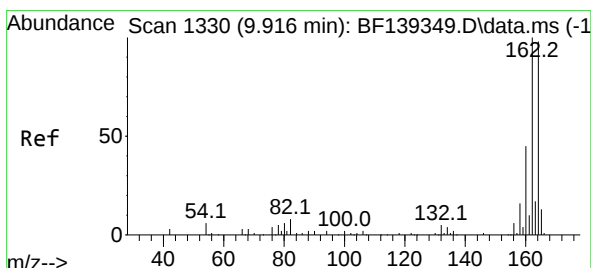
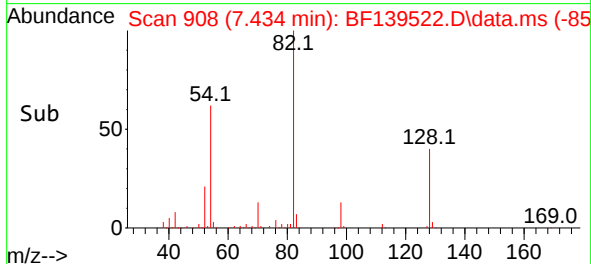
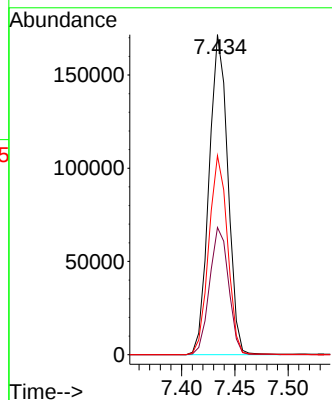
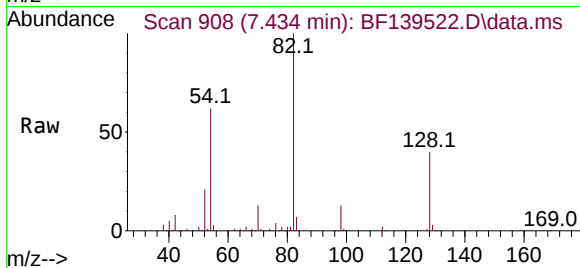
Tgt Ion: 82 Resp: 210643

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.2 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: BF139522.D

Acq: 24 Sep 2024 16:10

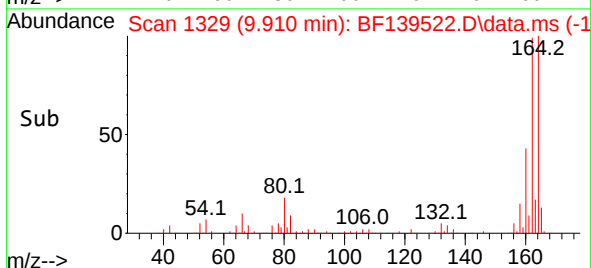
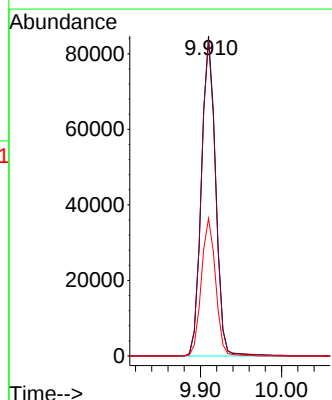
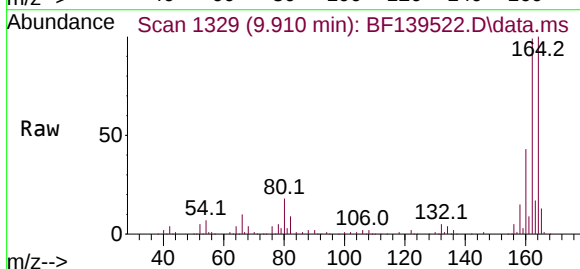
Tgt Ion:164 Resp: 102729

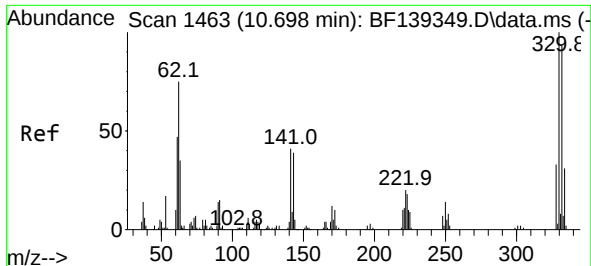
Ion Ratio Lower Upper

164 100

162 98.6 81.3 121.9

160 43.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 65.264 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139522.D

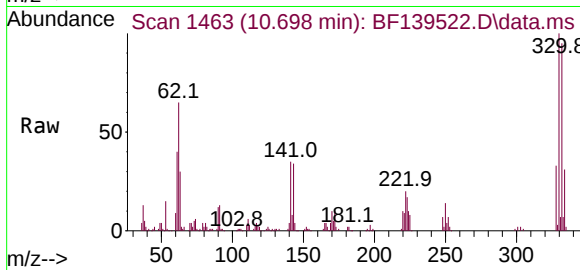
Acq: 24 Sep 2024 16:10

Instrument :

BNA_F

ClientSampleId :

COMP-8



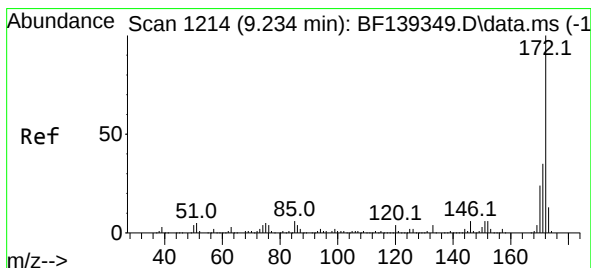
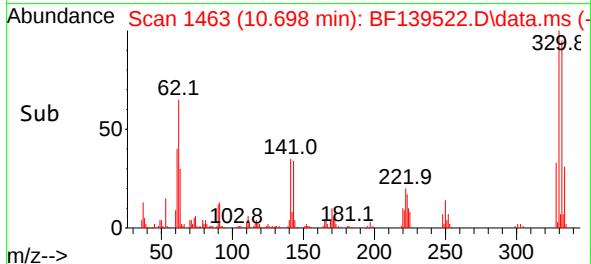
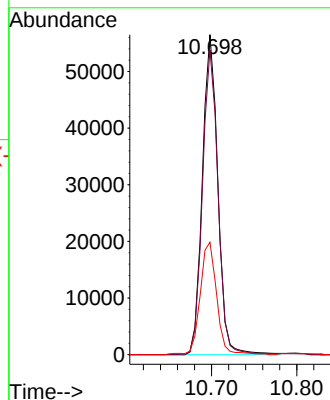
Tgt Ion:330 Resp: 71378

Ion Ratio Lower Upper

330 100

332 94.8 75.2 112.8

141 37.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 54.912 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

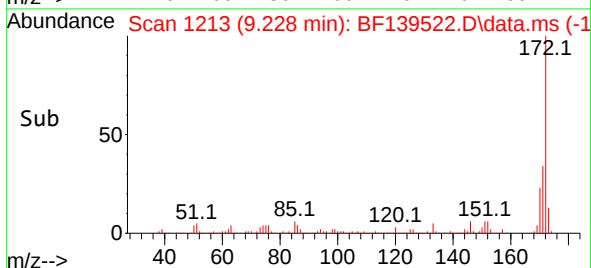
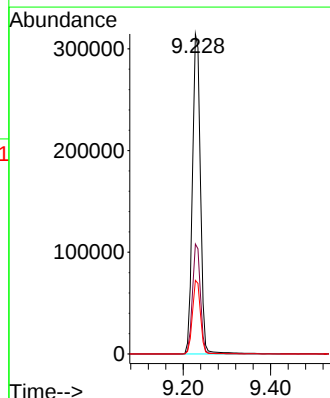
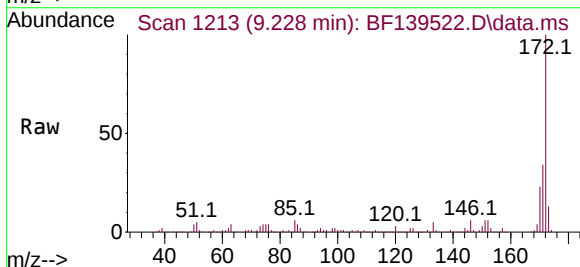
Tgt Ion:172 Resp: 402212

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.0 19.0 28.6

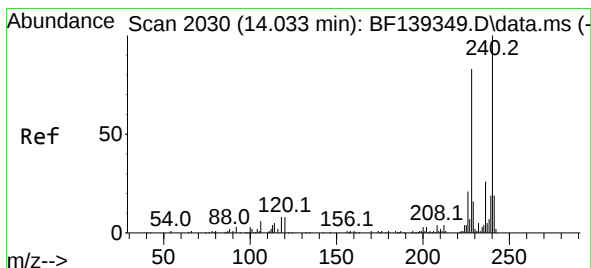
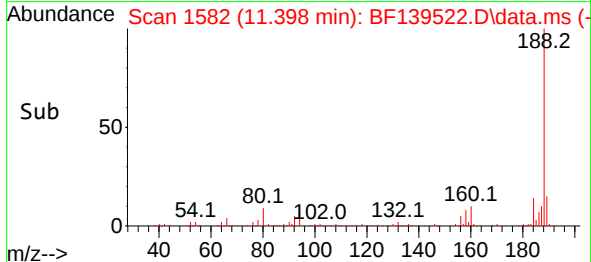
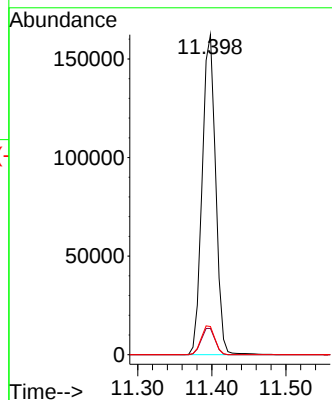
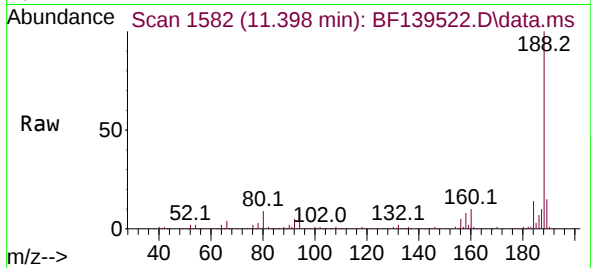




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

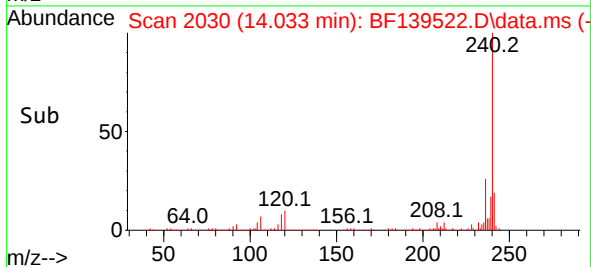
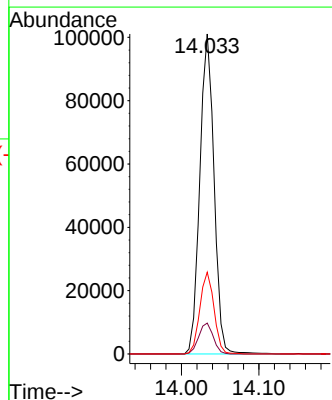
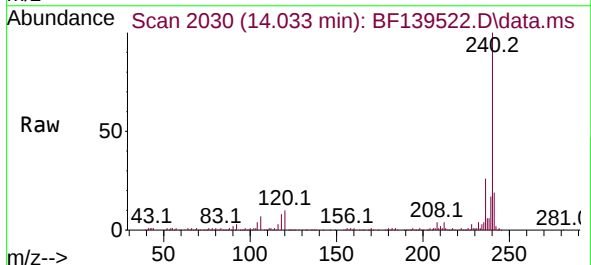
Instrument :
BNA_F
ClientSampleId :
COMP-8

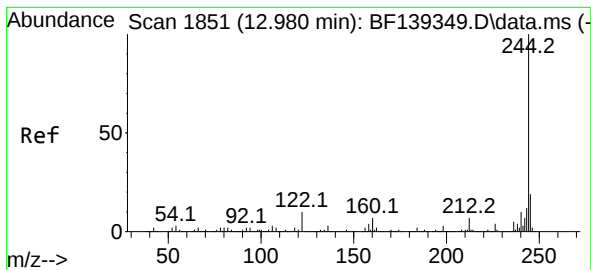
Tgt Ion:188 Resp: 204790
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139522.D
Acq: 24 Sep 2024 16:10

Tgt Ion:240 Resp: 128597
Ion Ratio Lower Upper
240 100
120 9.6 6.2 9.2#
236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 55.480 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

Instrument :

BNA_F

ClientSampleId :

COMP-8

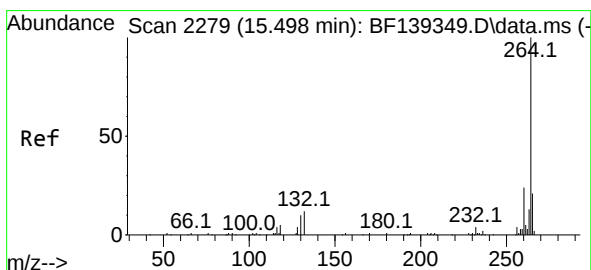
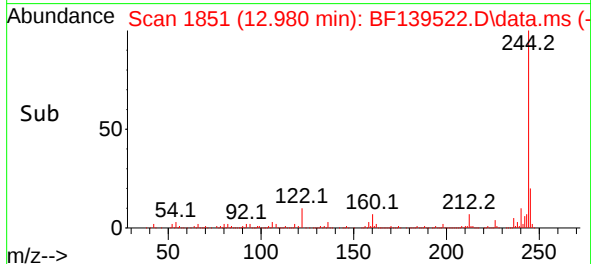
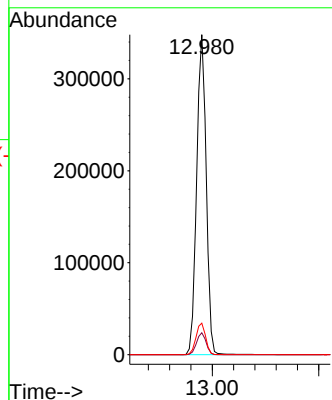
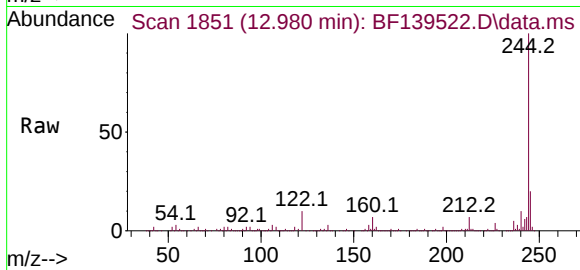
Tgt Ion:244 Resp: 434669

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 9.8 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.006 min

Lab File: BF139522.D

Acq: 24 Sep 2024 16:10

Tgt Ion:264 Resp: 124570

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.0 16.6 25.0

