

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139479.D
 Acq On : 19 Sep 2024 22:42
 Operator : RC/JU
 Sample : P4087-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-03

Quant Time: Sep 20 01:40:49 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	6.881	152	75823	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	284163	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	146878	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	239603	20.000	ng	0.00
76) Chrysene-d12	14.027	240	120131	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	66731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	644171	138.595	ng	0.02
7) Phenol-d6	6.510	99	774503	126.954	ng	0.00
23) Nitrobenzene-d5	7.439	82	612874	101.393	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	212788	136.080	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1104539	105.471	ng	0.00
79) Terphenyl-d14	12.980	244	756183	103.320	ng	0.00

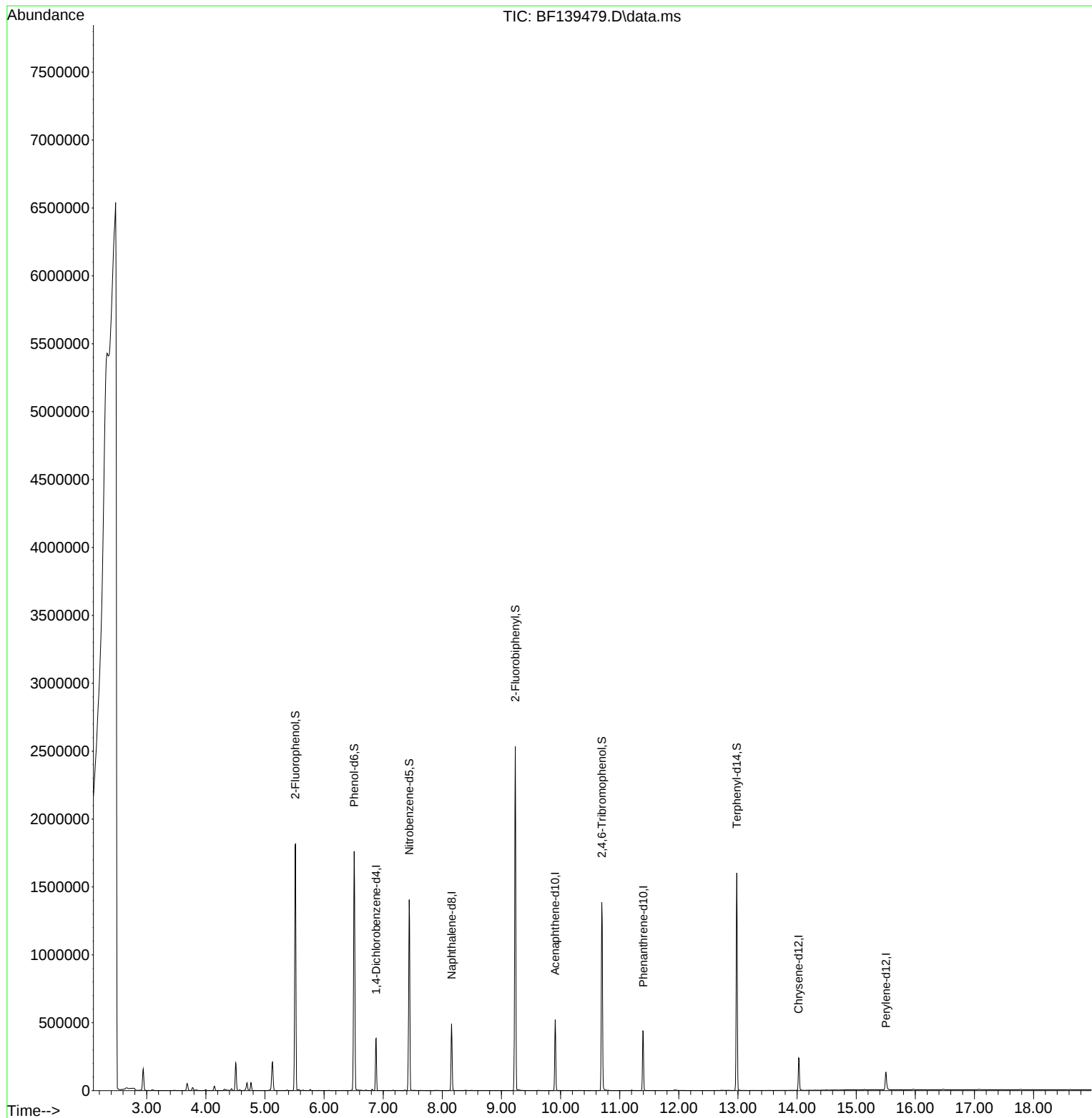
Target Compounds	Qvalue

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

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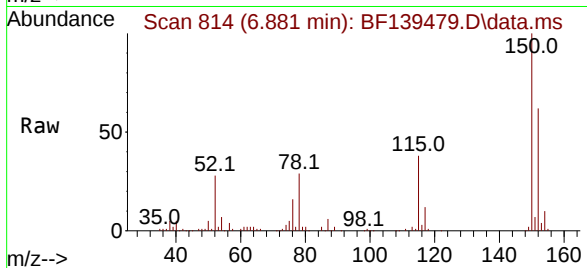
Quant Time: Sep 20 01:40:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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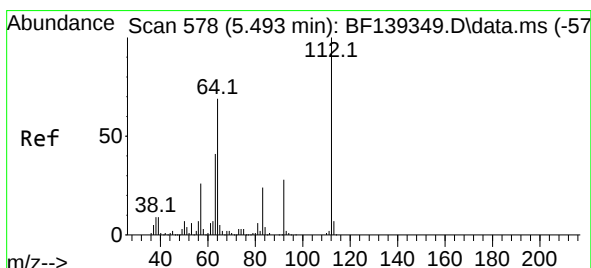
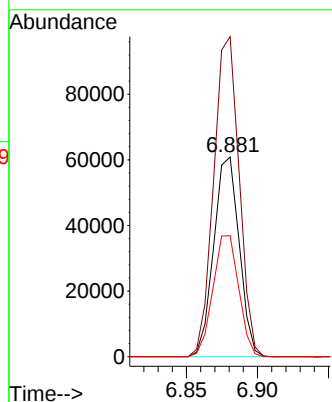
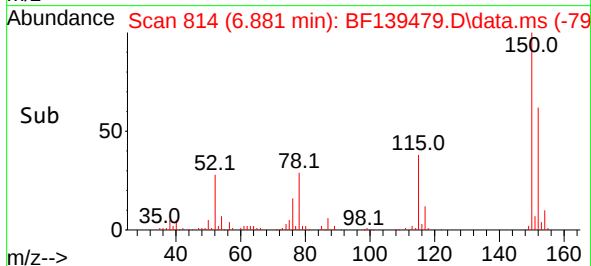


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

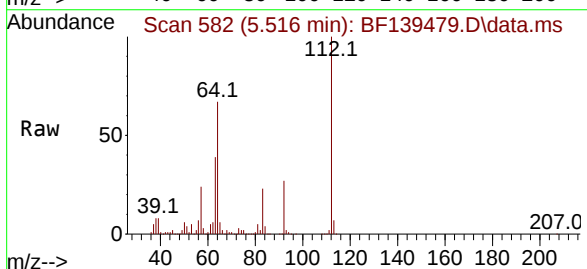
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-03



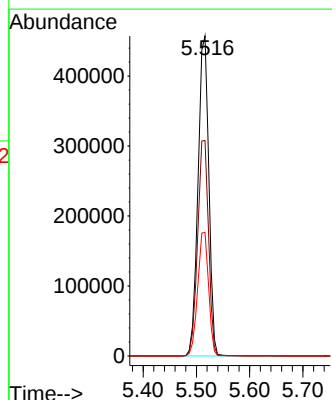
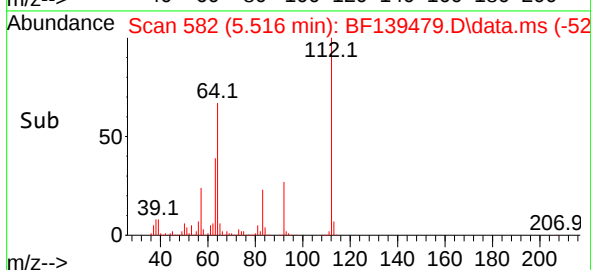
Tgt Ion:152 Resp: 75823
Ion Ratio Lower Upper
152 100
150 160.2 124.1 186.1
115 60.6 48.1 72.1

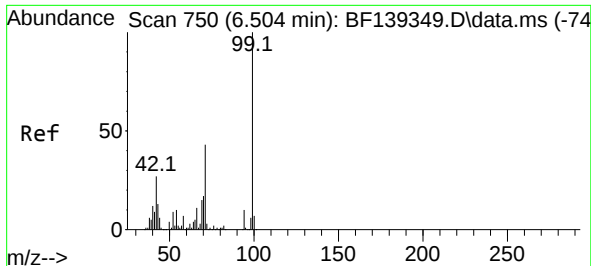


#5
2-Fluorophenol
Concen: 138.595 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42



Tgt Ion:112 Resp: 644171
Ion Ratio Lower Upper
112 100
64 67.3 54.8 82.2
63 38.6 33.0 49.4





#7

Phenol-d6

Concen: 126.954 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139479.D

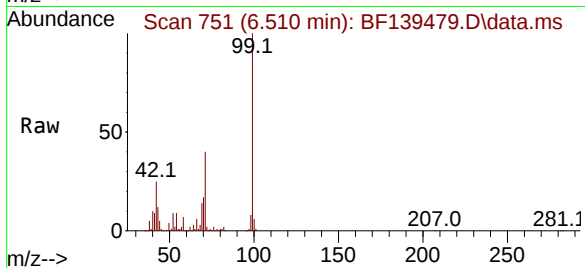
Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03



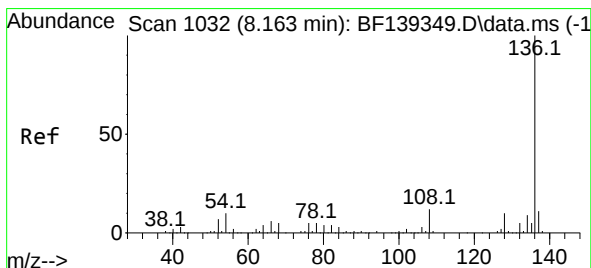
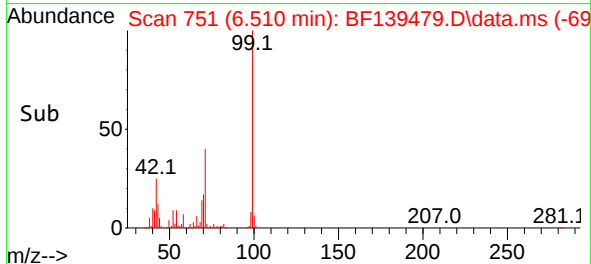
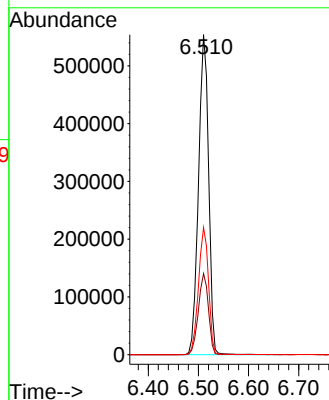
Tgt Ion: 99 Resp: 774503

Ion Ratio Lower Upper

99 100

42 25.4 21.9 32.9

71 39.7 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: BF139479.D

Acq: 19 Sep 2024 22:42

Tgt Ion:136 Resp: 284163

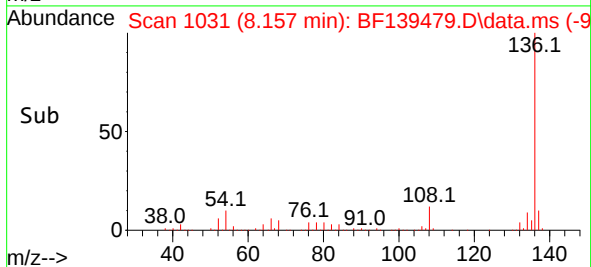
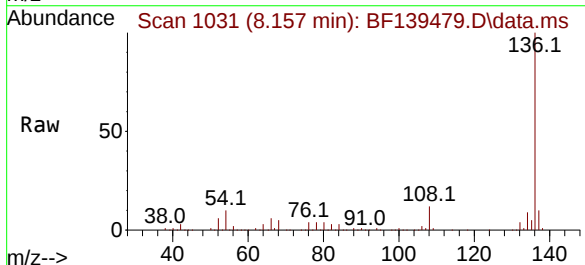
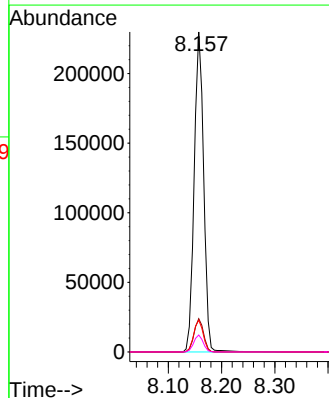
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 10.0 7.8 11.8

68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 101.393 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

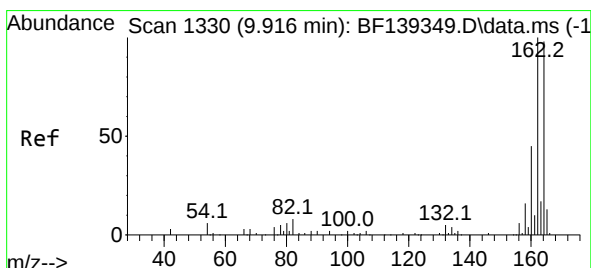
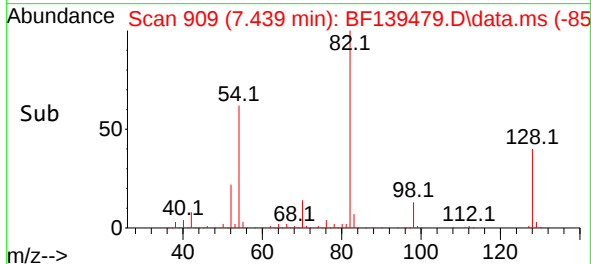
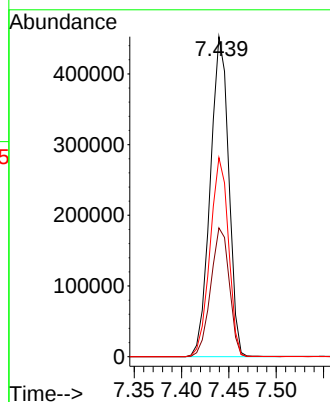
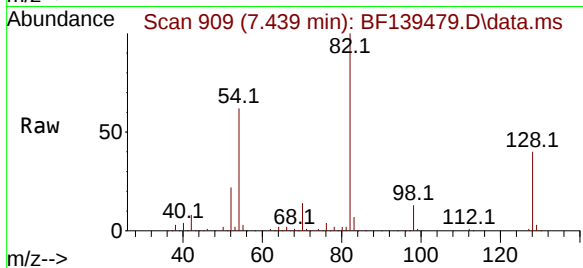
Tgt Ion: 82 Resp: 612874

Ion Ratio Lower Upper

82 100

128 40.2 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: BF139479.D

Acq: 19 Sep 2024 22:42

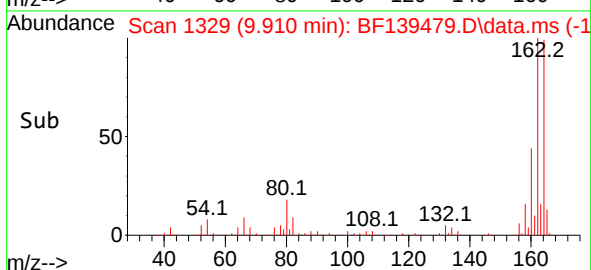
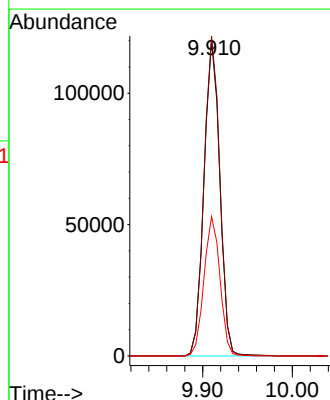
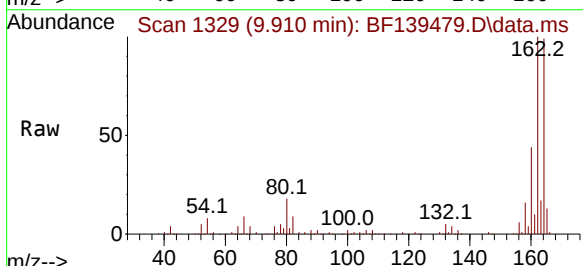
Tgt Ion:164 Resp: 146878

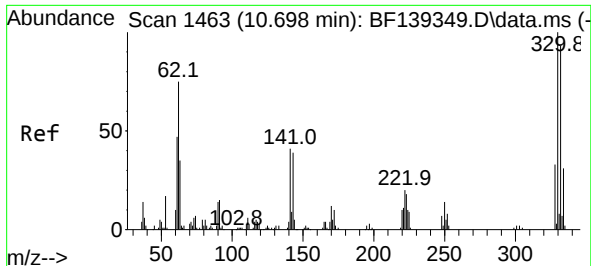
Ion Ratio Lower Upper

164 100

162 101.4 81.3 121.9

160 44.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 136.080 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

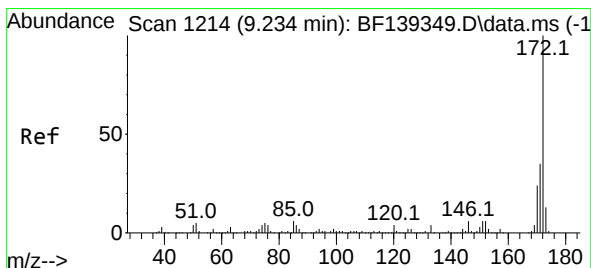
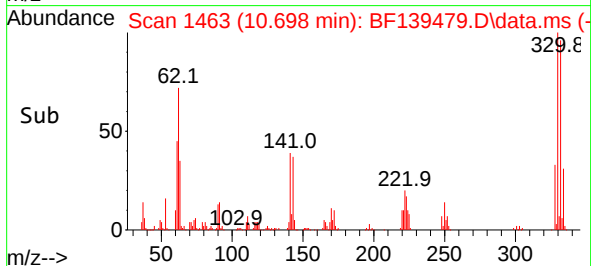
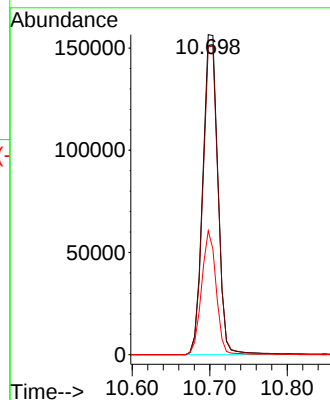
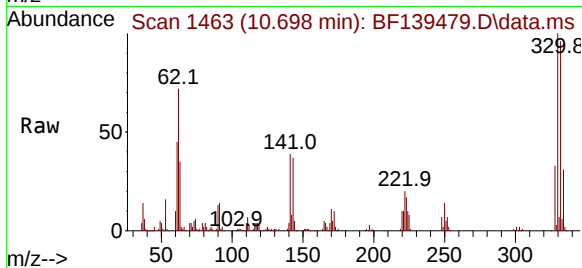
Tgt Ion:330 Resp: 212788

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 105.471 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

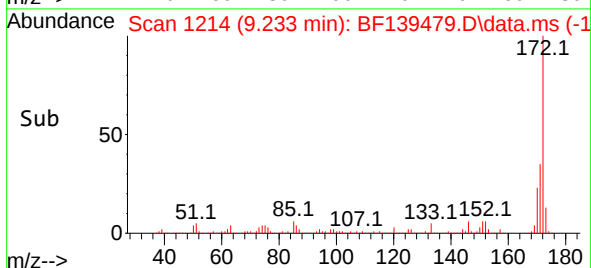
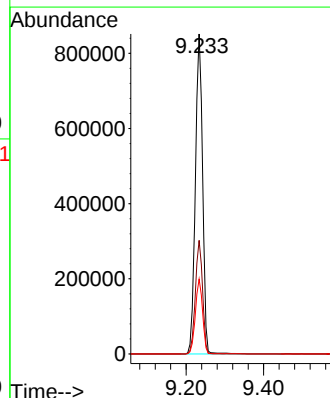
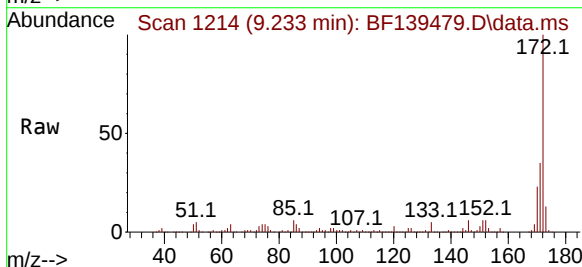
Tgt Ion:172 Resp: 1104539

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 19.0 28.6

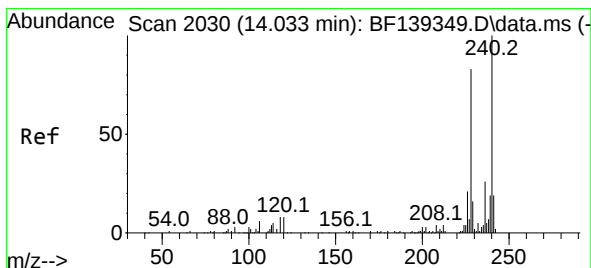
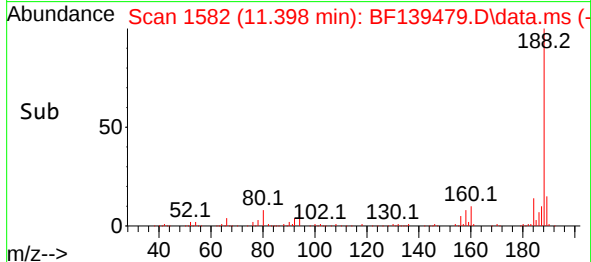
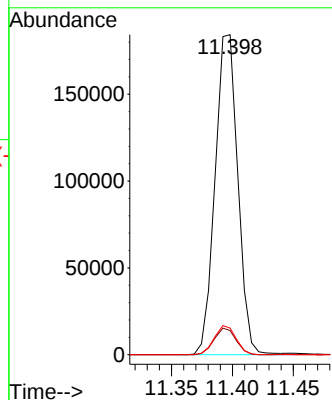
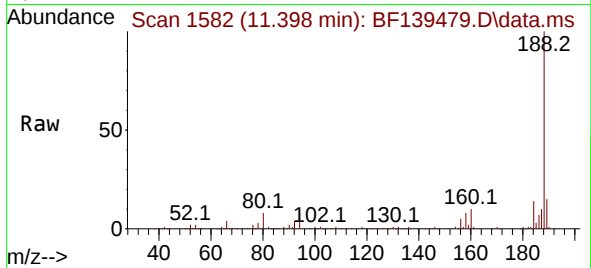




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

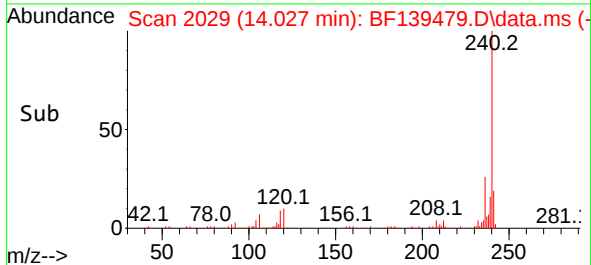
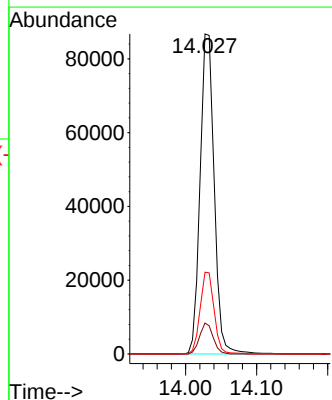
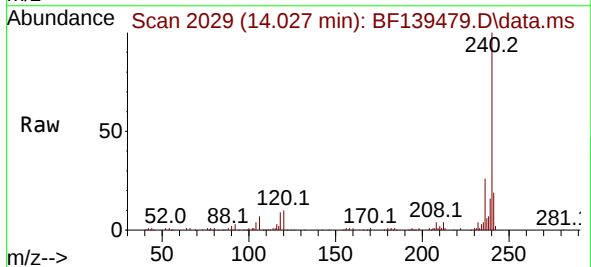
Instrument :
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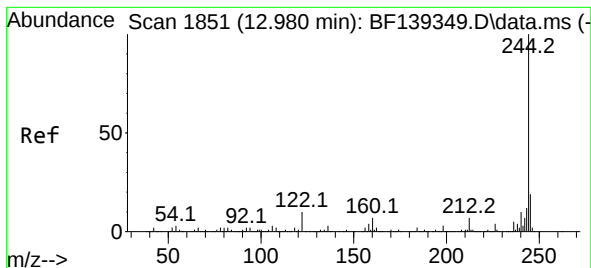
Tgt Ion:188 Resp: 239603
Ion Ratio Lower Upper
188 100
94 7.5 5.5 8.3
80 8.3 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139479.D
Acq: 19 Sep 2024 22:42

Tgt Ion:240 Resp: 120131
Ion Ratio Lower Upper
240 100
120 9.7 6.2 9.2#
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 103.320 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139479.D

Acq: 19 Sep 2024 22:42

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-03

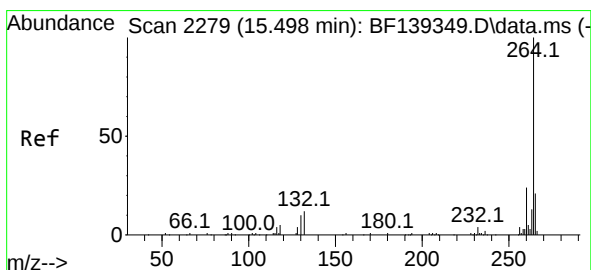
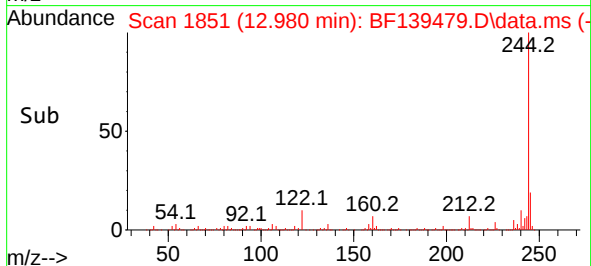
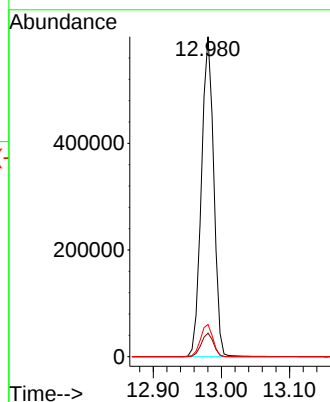
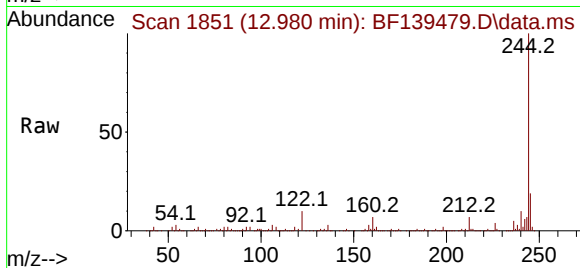
Tgt Ion:244 Resp: 756183

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 10.0 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: BF139479.D

Acq: 19 Sep 2024 22:42

Tgt Ion:264 Resp: 66731

Ion Ratio Lower Upper

264 100

260 26.3 19.5 29.3

265 20.9 16.6 25.0

