

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139477.D
 Acq On : 19 Sep 2024 21:44
 Operator : RC/JU
 Sample : P4087-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-01

Quant Time: Sep 20 01:40:08 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	85228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	317104	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	168482	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275090	20.000	ng	0.00
76) Chrysene-d12	14.027	240	132891	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	104433	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	578210	110.675	ng	0.02
7) Phenol-d6	6.510	99	709799	103.509	ng	0.00
23) Nitrobenzene-d5	7.440	82	552418	81.897	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195660	109.082	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1014077	84.416	ng	0.00
79) Terphenyl-d14	12.980	244	723188	89.324	ng	0.00

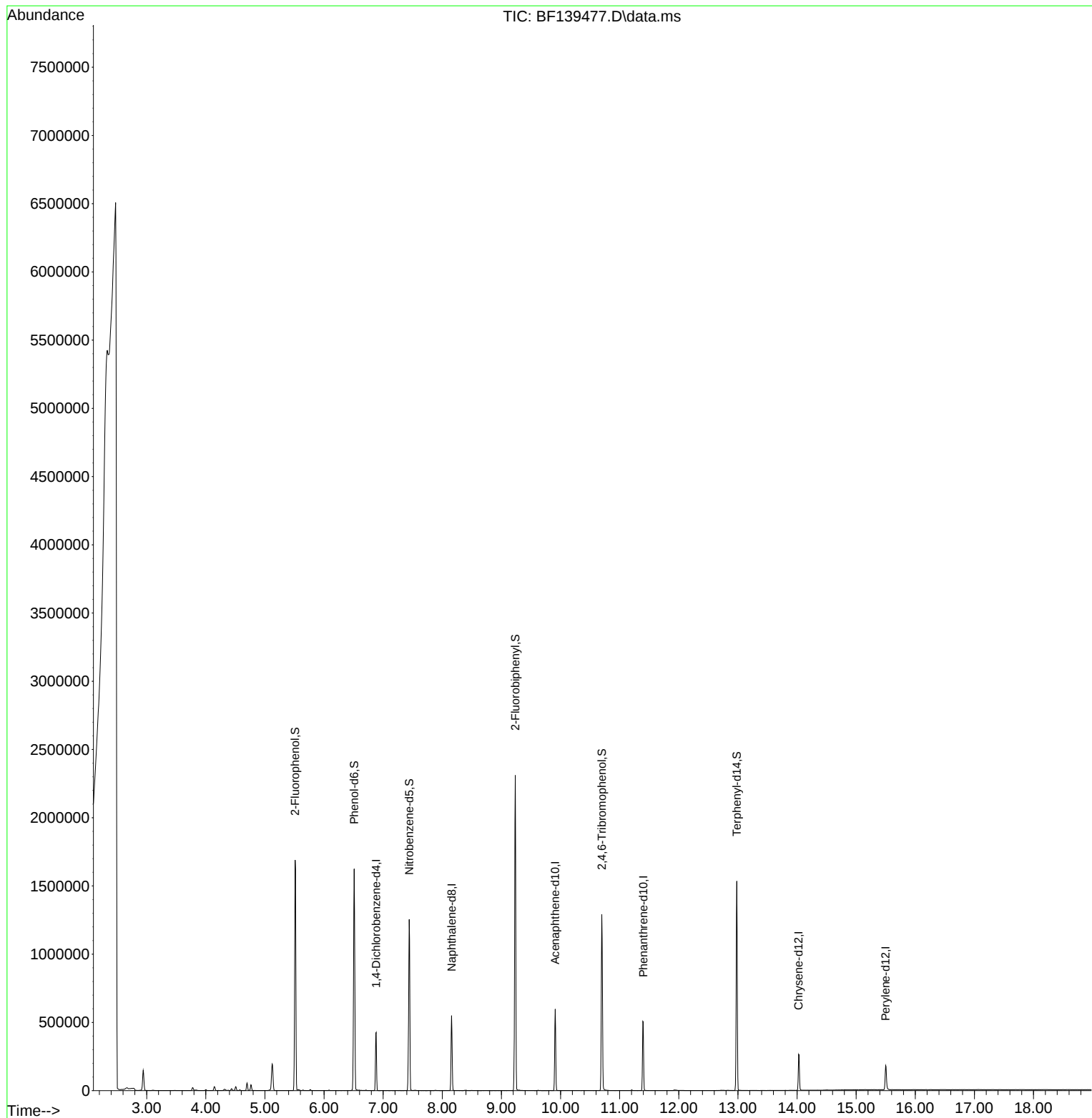
Target Compounds	Qvalue

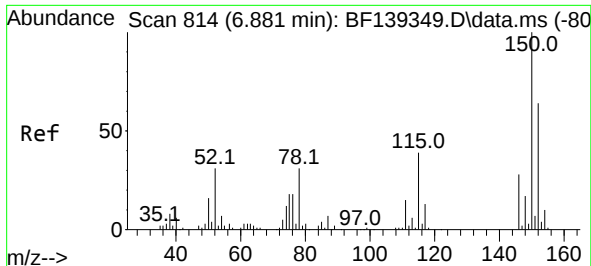
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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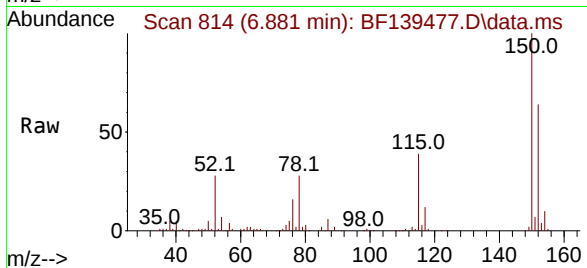
Quant Time: Sep 20 01:40:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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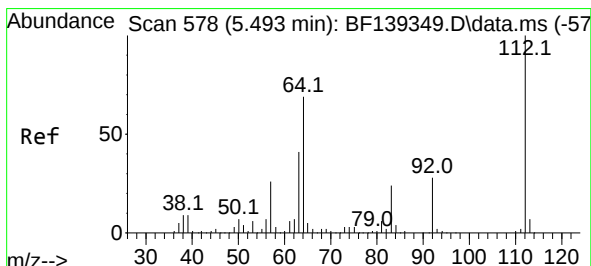
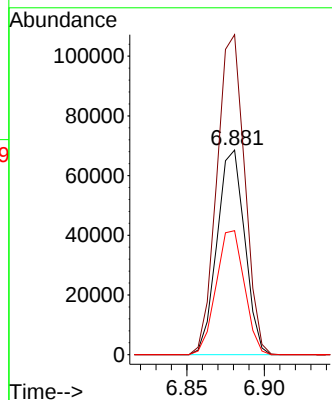
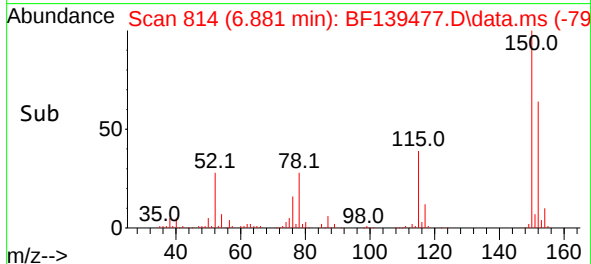


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01

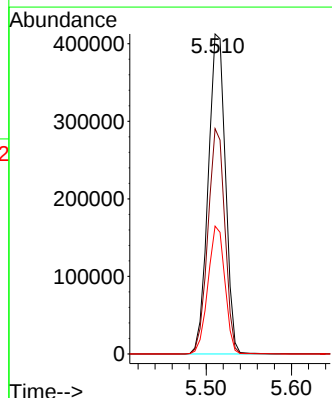
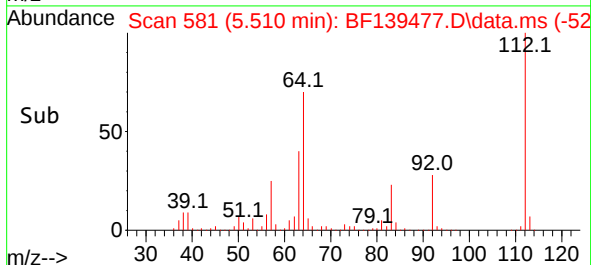
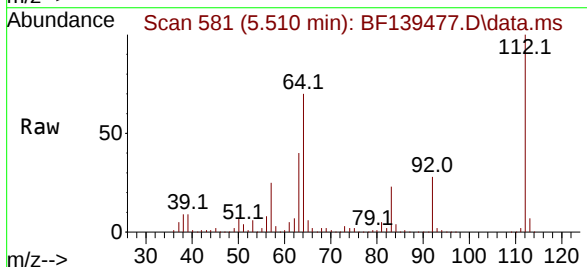


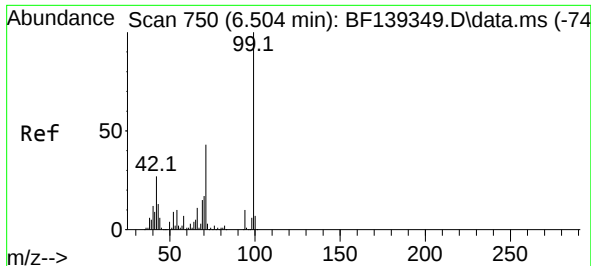
Tgt Ion:152 Resp: 85228
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 110.675 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion:112 Resp: 578210
Ion Ratio Lower Upper
112 100
64 70.4 54.8 82.2
63 40.0 33.0 49.4

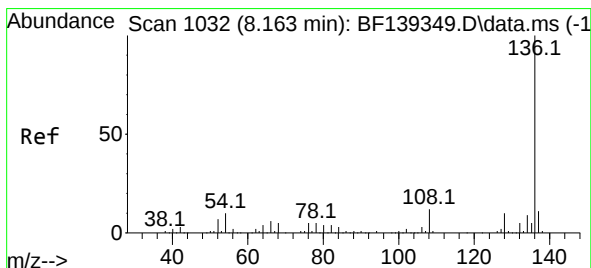
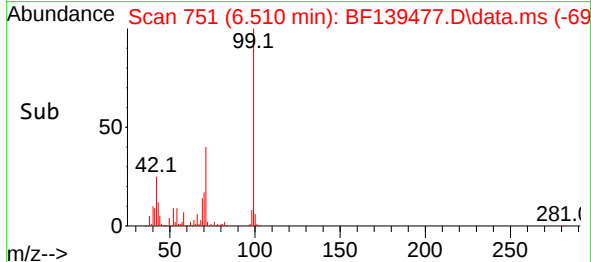
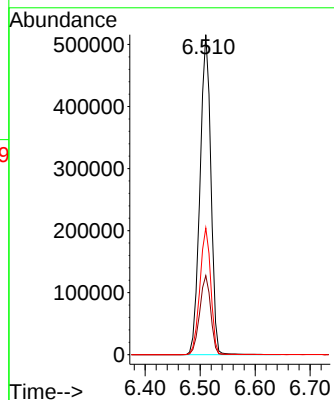
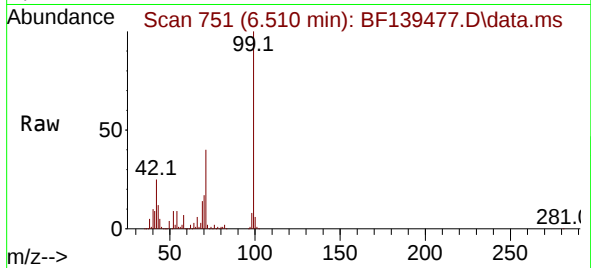




#7
Phenol-d6
Concen: 103.509 ng
RT: 6.510 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

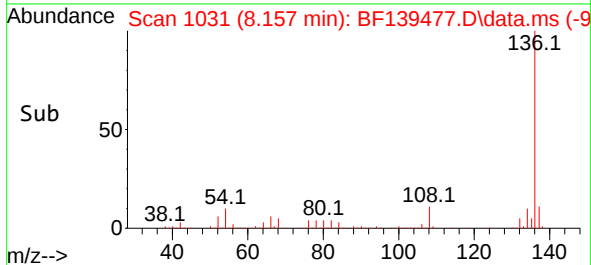
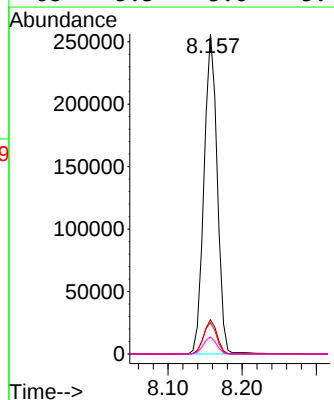
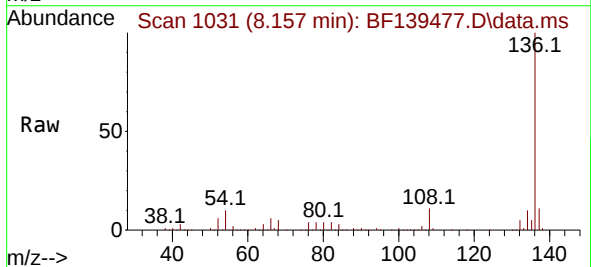
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-01

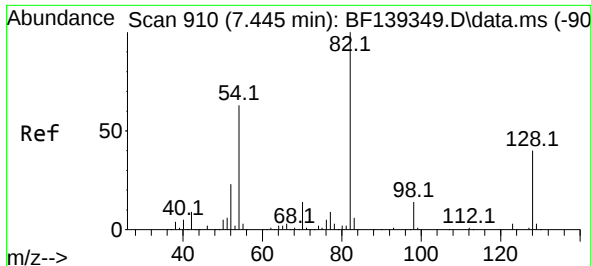
Tgt Ion: 99 Resp: 709799
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 39.6 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion: 136 Resp: 317104
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.9 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 81.897 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-01

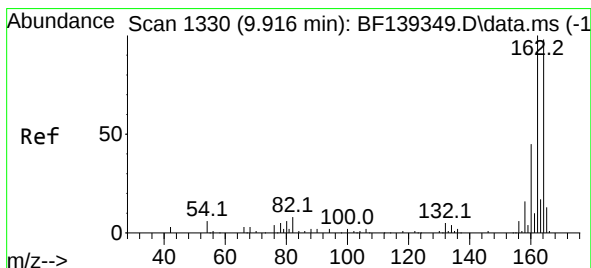
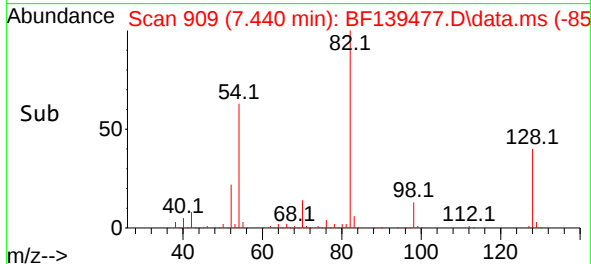
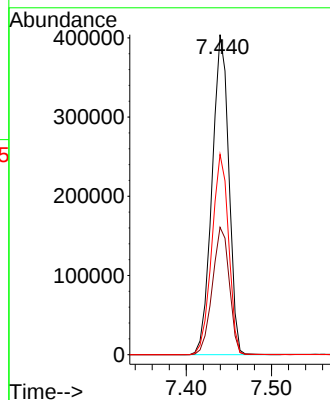
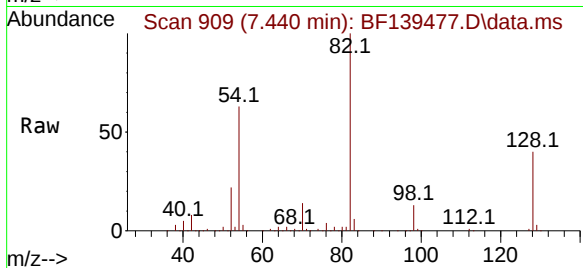
Tgt Ion: 82 Resp: 552418

Ion Ratio Lower Upper

82 100

128 39.8 31.8 47.6

54 62.6 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: BF139477.D

Acq: 19 Sep 2024 21:44

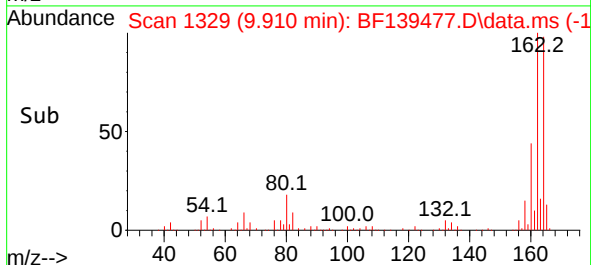
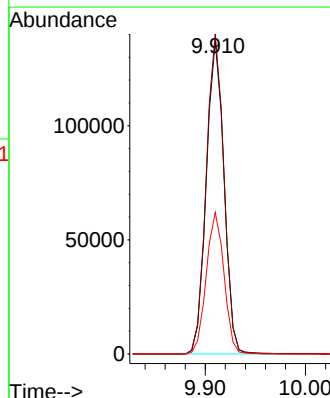
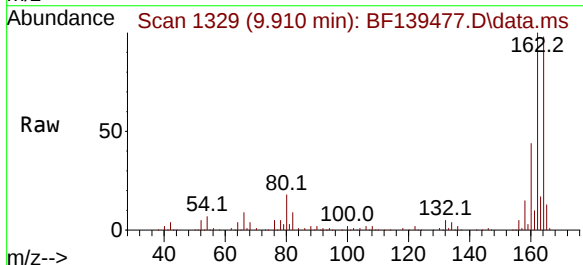
Tgt Ion:164 Resp: 168482

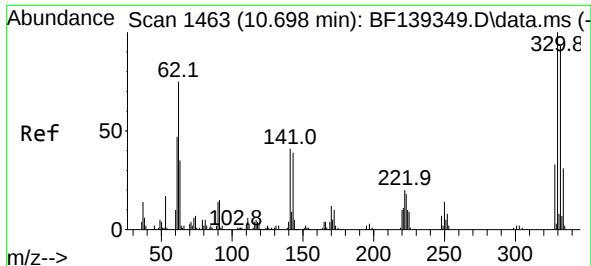
Ion Ratio Lower Upper

164 100

162 102.2 81.3 121.9

160 45.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 109.082 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139477.D

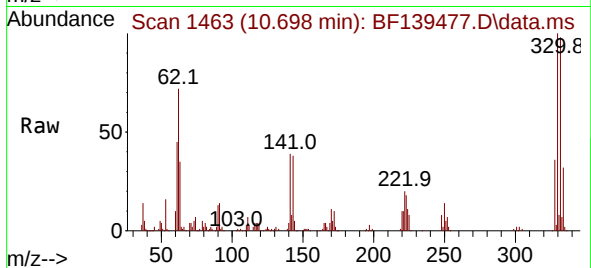
Acq: 19 Sep 2024 21:44

Instrument :

BNA_F

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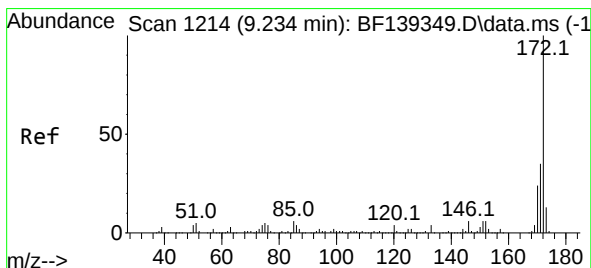
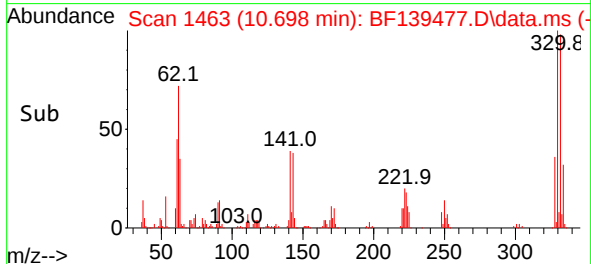
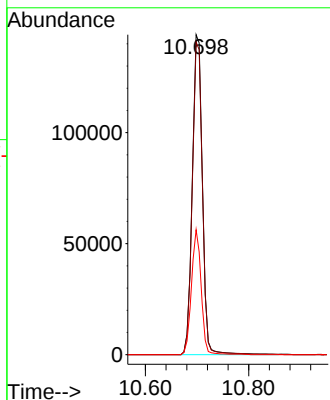
Tgt Ion:330 Resp: 195660

Ion Ratio Lower Upper

330 100

332 97.5 75.2 112.8

141 37.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 84.416 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

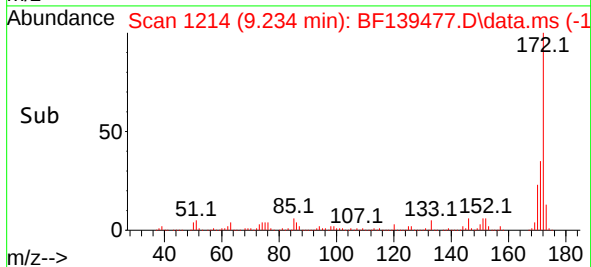
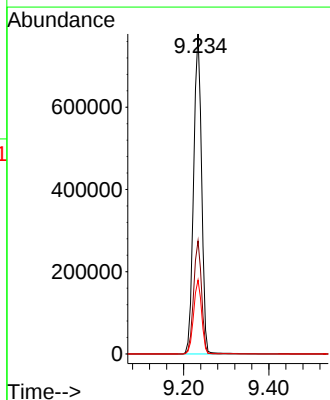
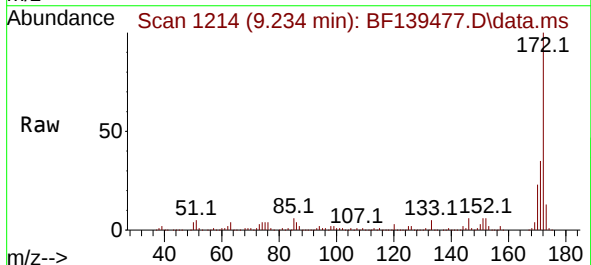
Tgt Ion:172 Resp: 1014077

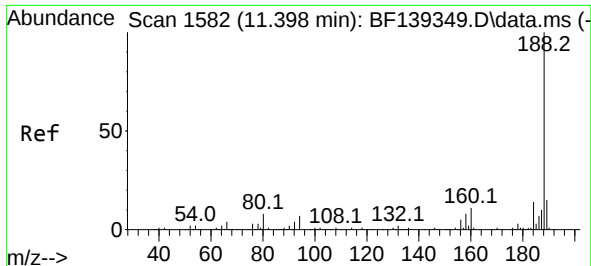
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.1 19.0 28.6

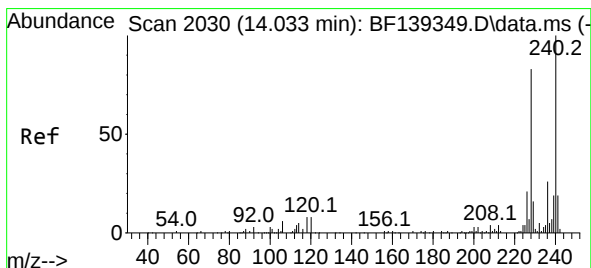
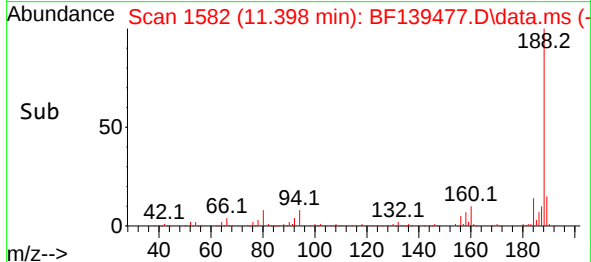
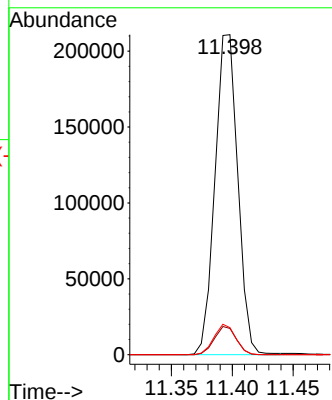
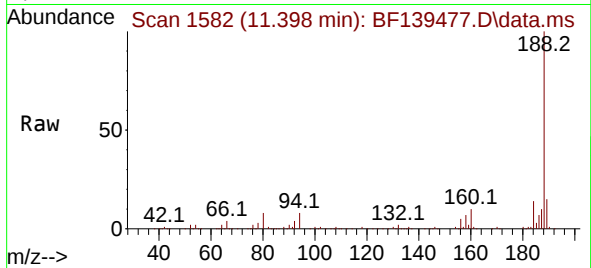




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

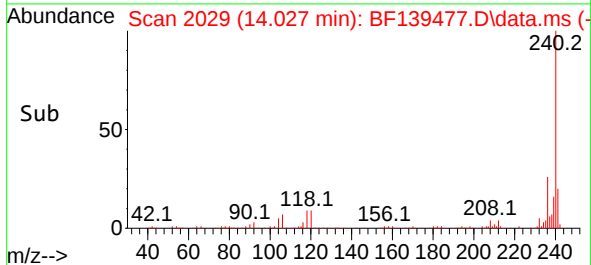
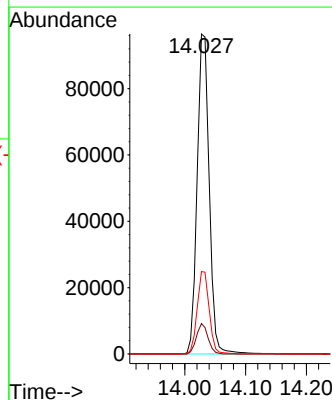
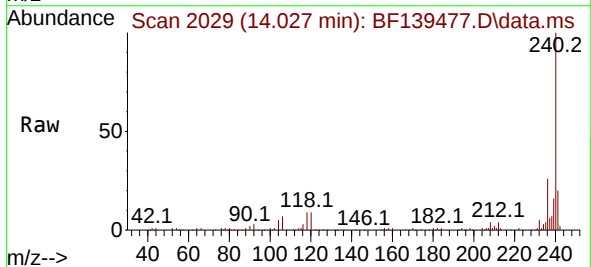
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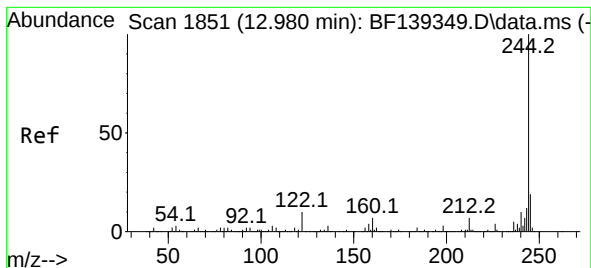
Tgt Ion:188 Resp: 275090
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 8.5 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139477.D
Acq: 19 Sep 2024 21:44

Tgt Ion:240 Resp: 132891
Ion Ratio Lower Upper
240 100
120 9.5 6.2 9.2#
236 25.8 20.9 31.3





#79

Terphenyl-d14

Concen: 89.324 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139477.D

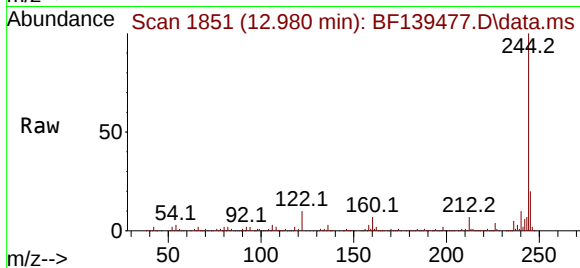
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Instrument :

BNA_F

ClientSampleId :

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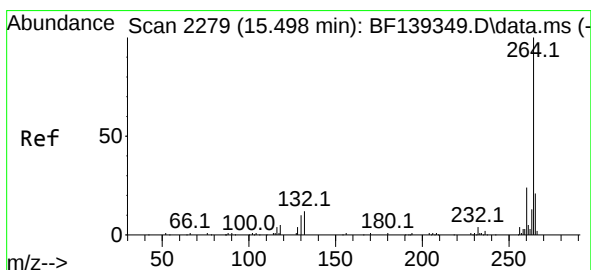
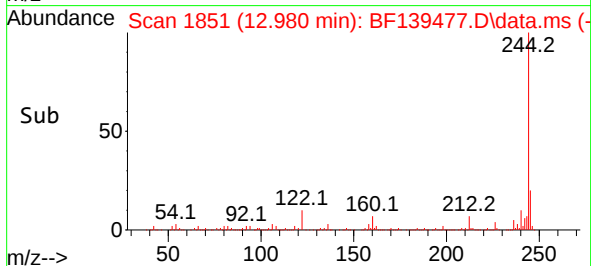
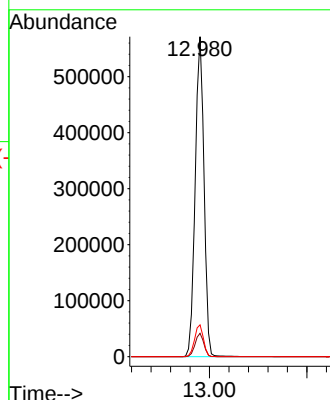
Tgt Ion:244 Resp: 723188

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: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139477.D

Acq: 19 Sep 2024 21:44

Tgt Ion:264 Resp: 104433

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 20.9 16.6 25.0

