

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091424\
 Data File : BF139375.D
 Acq On : 14 Sep 2024 18:33
 Operator : RC/JU
 Sample : P3989-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Sep 16 01:59:05 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	56035	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	206074	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	115533	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	205688	20.000	ng	0.00
76) Chrysene-d12	14.027	240	99793	20.000	ng	0.00
86) Perylene-d12	15.492	264	106058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	432619	125.948	ng	0.02
7) Phenol-d6	6.504	99	526777	116.840	ng	0.00
23) Nitrobenzene-d5	7.440	82	393255	89.713	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	154604	125.696	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	729679	88.580	ng	0.00
79) Terphenyl-d14	12.980	244	623233	102.509	ng	0.00

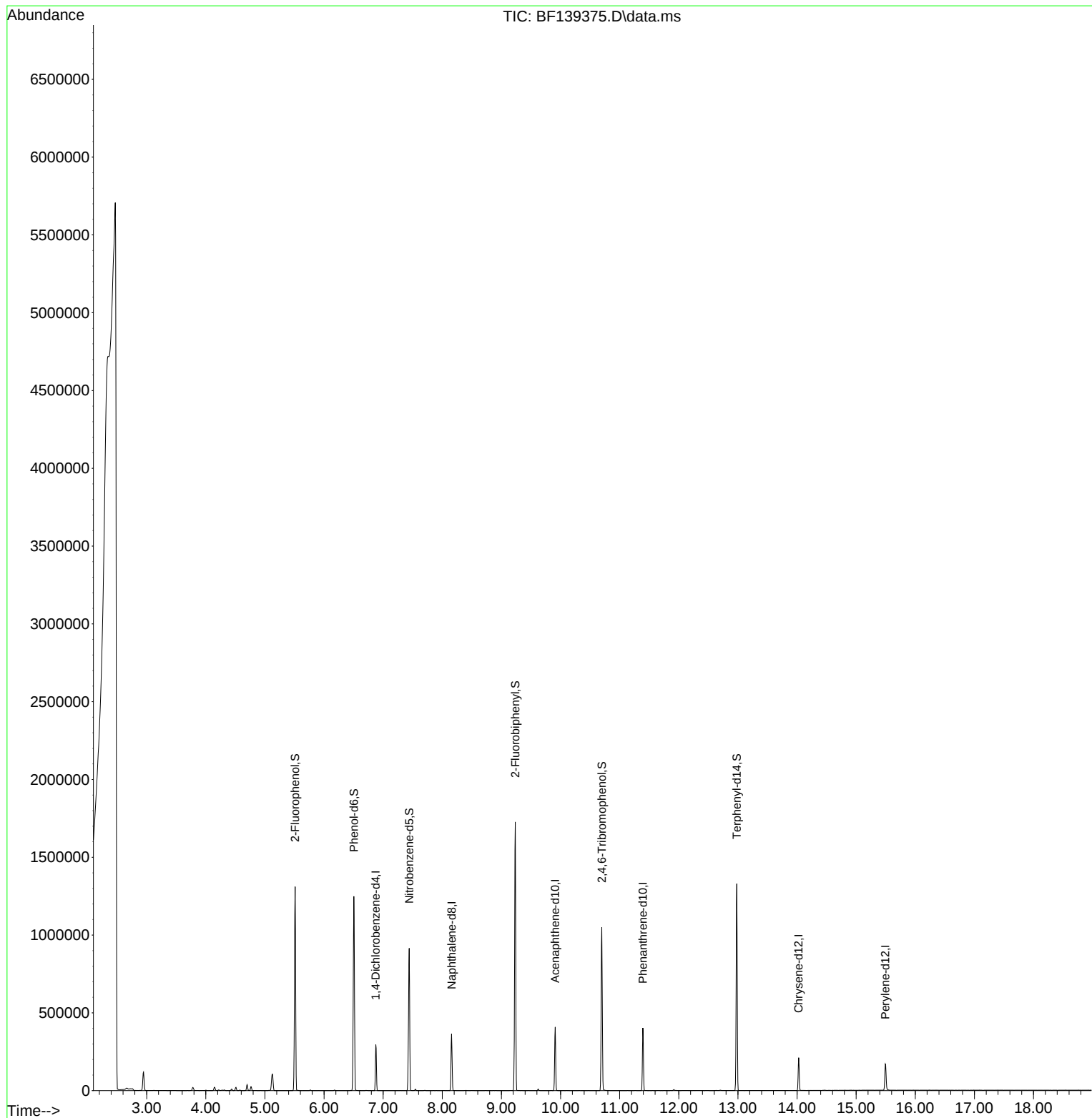
Target Compounds	Qvalue

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

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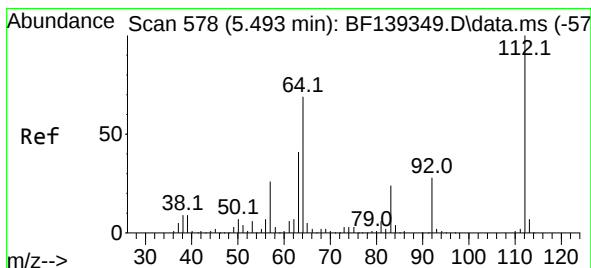
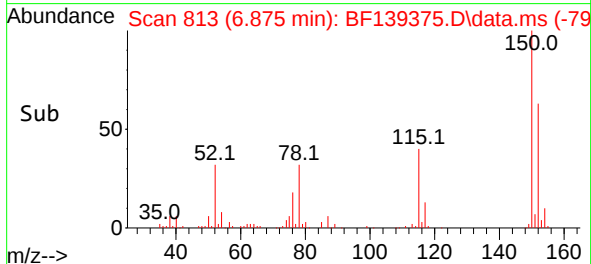
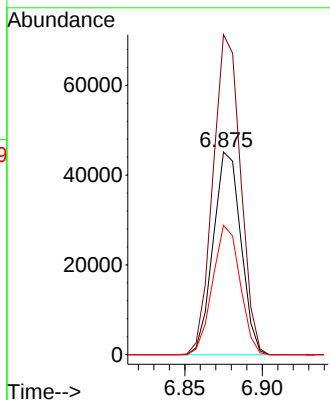
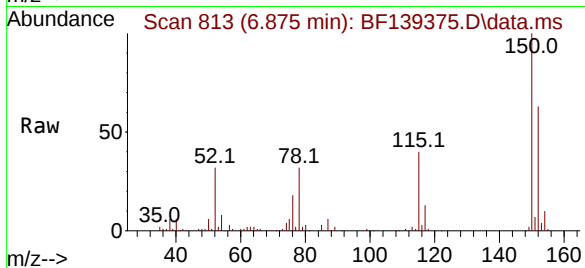




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

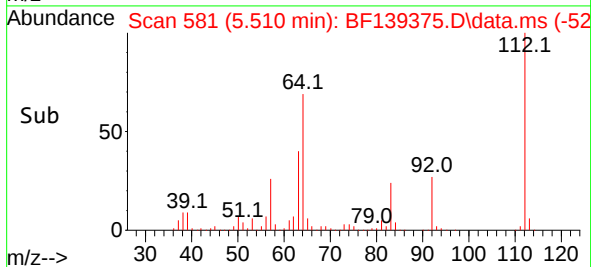
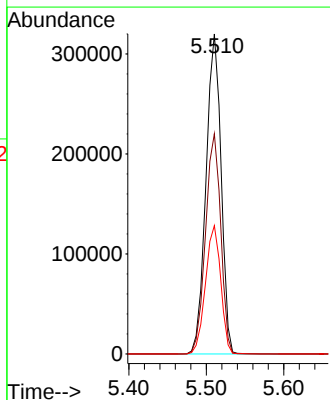
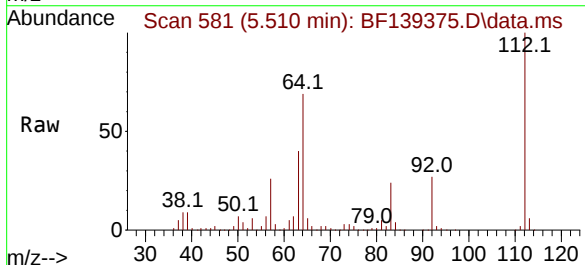
Instrument :
BNA_F
ClientSampleId :
TP-3

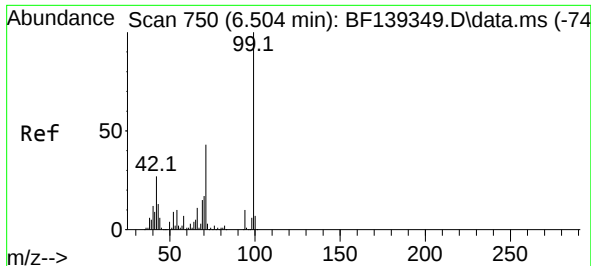
Tgt Ion:152 Resp: 56035
Ion Ratio Lower Upper
152 100
150 157.8 124.1 186.1
115 63.9 48.1 72.1



#5
2-Fluorophenol
Concen: 125.948 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:112 Resp: 432619
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 40.1 33.0 49.4





#7
Phenol-d6
Concen: 116.840 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

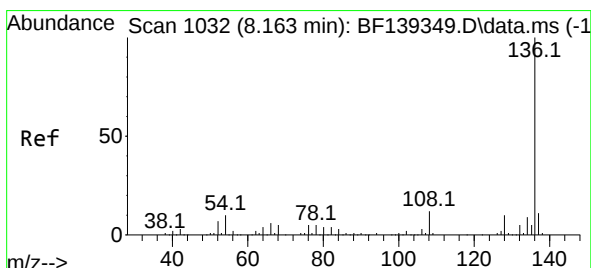
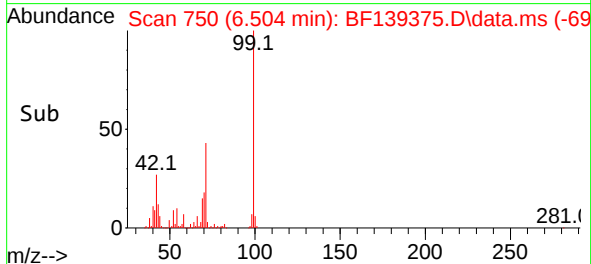
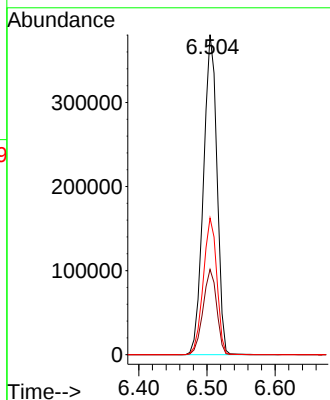
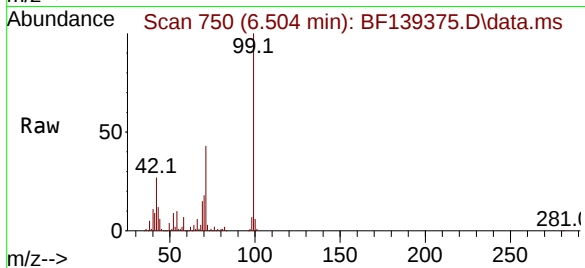
Instrument :

BNA_F

ClientSampleId :

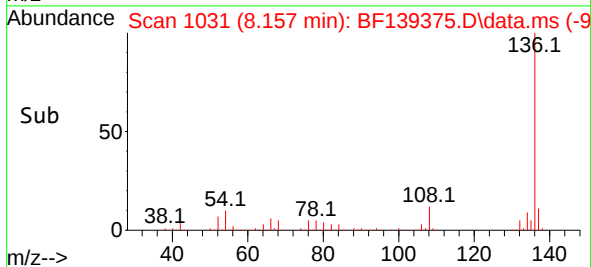
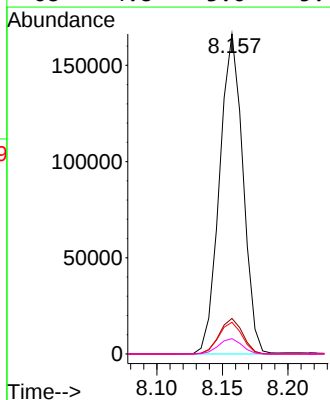
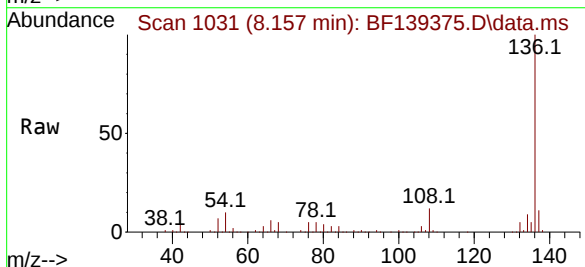
TP-3

Tgt Ion: 99 Resp: 526777
Ion Ratio Lower Upper
99 100
42 26.6 21.9 32.9
71 42.7 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: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion: 136 Resp: 206074
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 7.8 11.8
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 89.713 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139375.D

Acq: 14 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-3

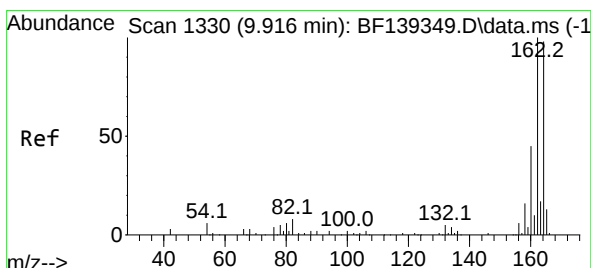
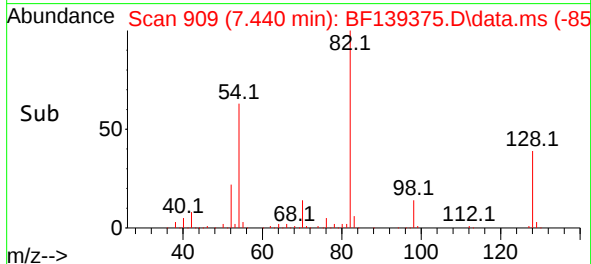
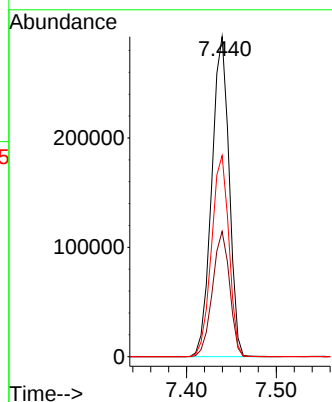
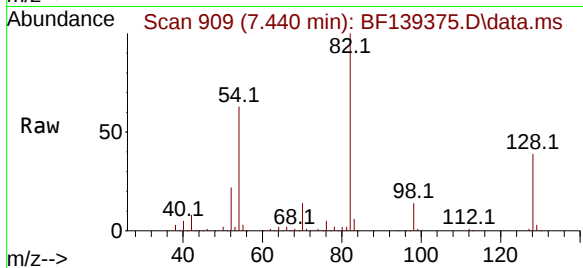
Tgt Ion: 82 Resp: 393255

Ion Ratio Lower Upper

82 100

128 39.1 31.8 47.6

54 62.8 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: BF139375.D

Acq: 14 Sep 2024 18:33

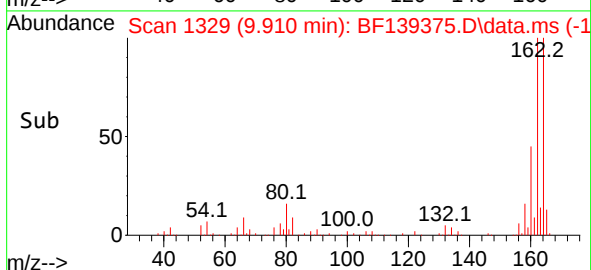
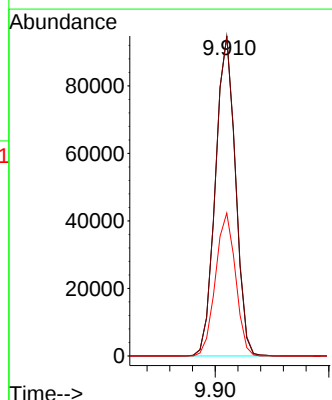
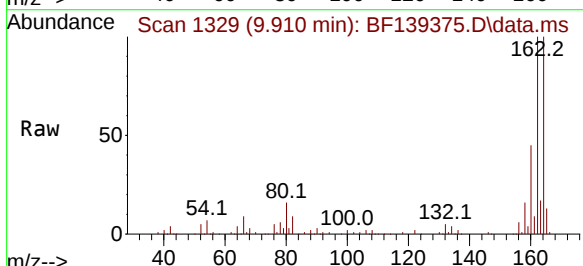
Tgt Ion:164 Resp: 115533

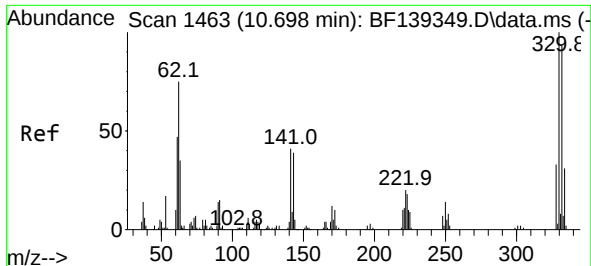
Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 125.696 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139375.D

Acq: 14 Sep 2024 18:33

Instrument :

BNA_F

ClientSampleId :

TP-3

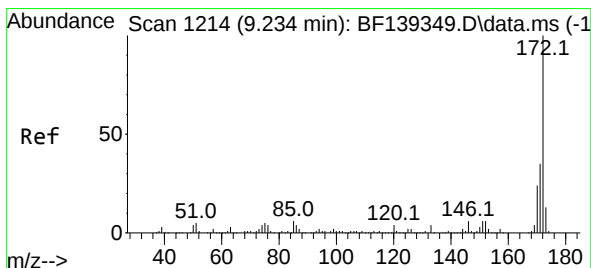
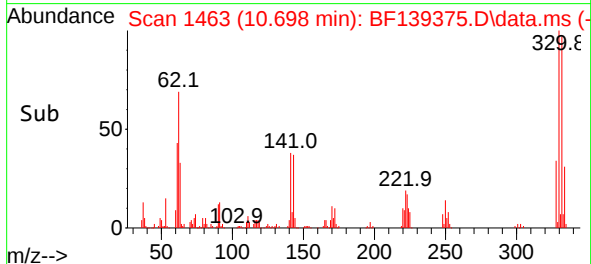
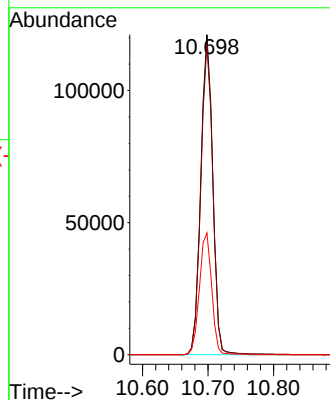
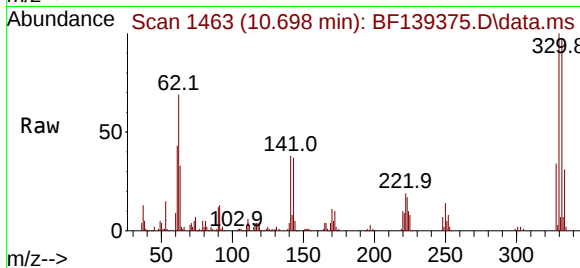
Tgt Ion:330 Resp: 154604

Ion Ratio Lower Upper

330 100

332 97.2 75.2 112.8

141 38.9 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.580 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139375.D

Acq: 14 Sep 2024 18:33

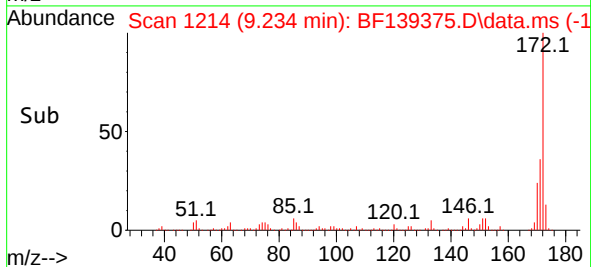
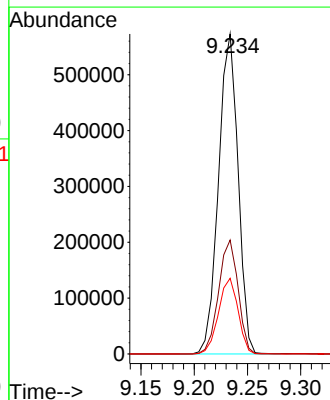
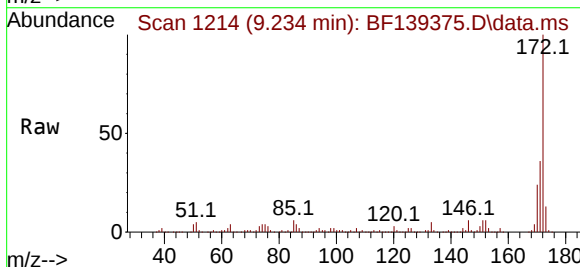
Tgt Ion:172 Resp: 729679

Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.7 19.0 28.6

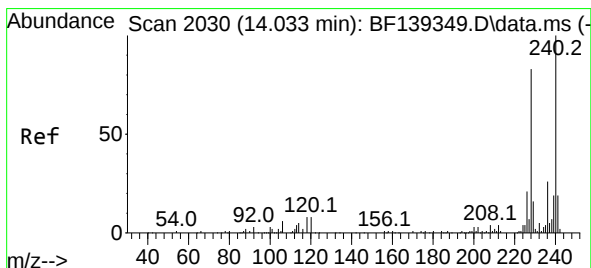
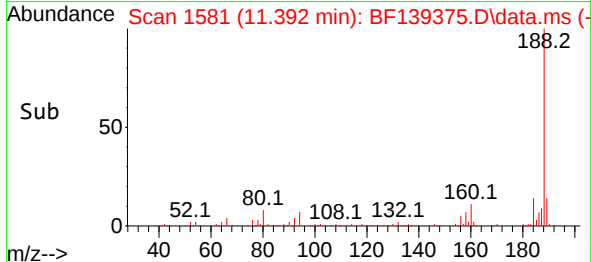
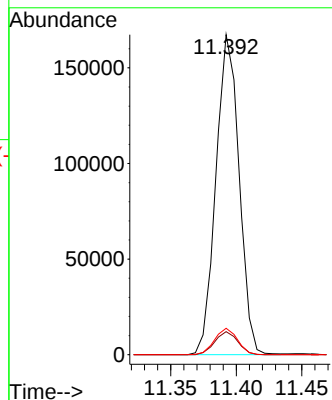
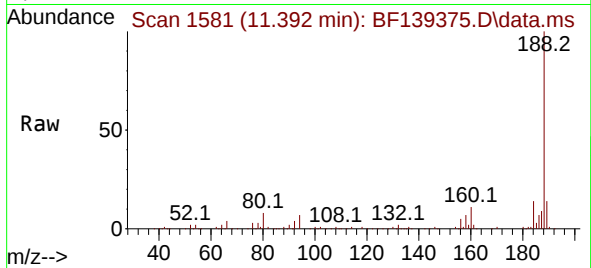




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

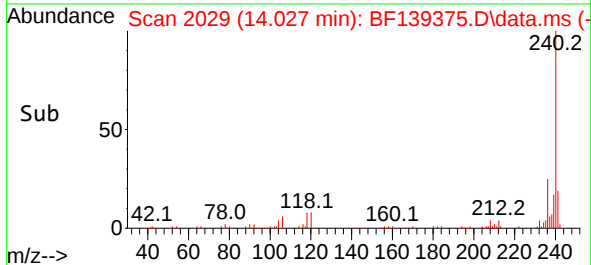
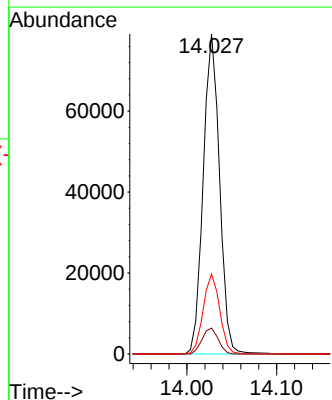
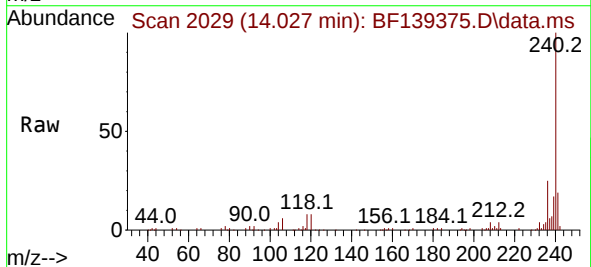
Instrument :
BNA_F
ClientSampleId :
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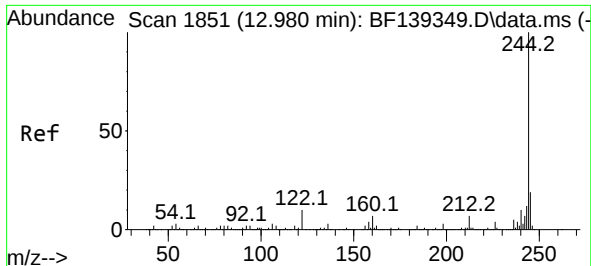
Tgt Ion:188 Resp: 205688
Ion Ratio Lower Upper
188 100
94 7.2 5.5 8.3
80 8.2 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

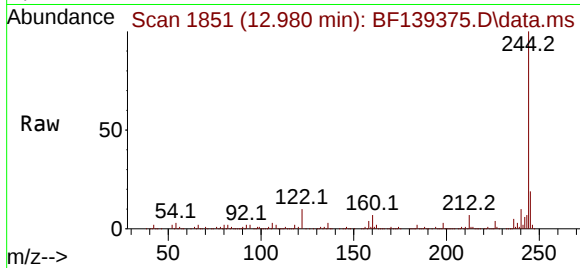
Tgt Ion:240 Resp: 99793
Ion Ratio Lower Upper
240 100
120 8.1 6.2 9.2
236 25.0 20.9 31.3



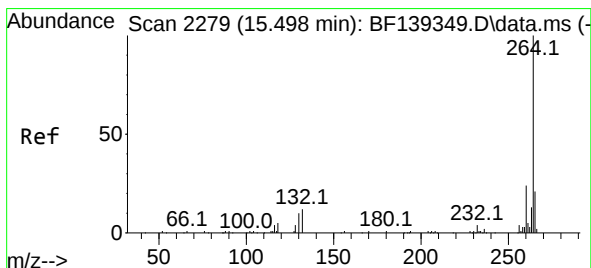
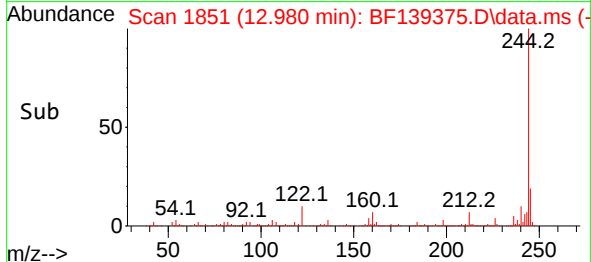
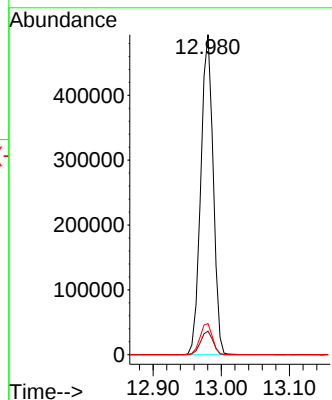


#79
Terphenyl-d14
Concen: 102.509 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:244 Resp: 623233
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BF139375.D
Acq: 14 Sep 2024 18:33

Tgt Ion:264 Resp: 106058
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.1 16.6 25.0

