

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091624\
Data File : BF139378.D
Acq On : 16 Sep 2024 11:04
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163318BL

Quant Time: Sep 16 11:34:23 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	93864	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	352298	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	195161	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	366268	20.000	ng	0.00
76) Chrysene-d12	14.027	240	227743	20.000	ng	0.00
86) Perylene-d12	15.498	264	184675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	695532	120.883	ng	0.02
7) Phenol-d6	6.510	99	901722	119.398	ng	0.00
23) Nitrobenzene-d5	7.440	82	613716	81.896	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	244112	117.490	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1136805	81.696	ng	0.00
79) Terphenyl-d14	12.980	244	1180126	85.054	ng	0.00

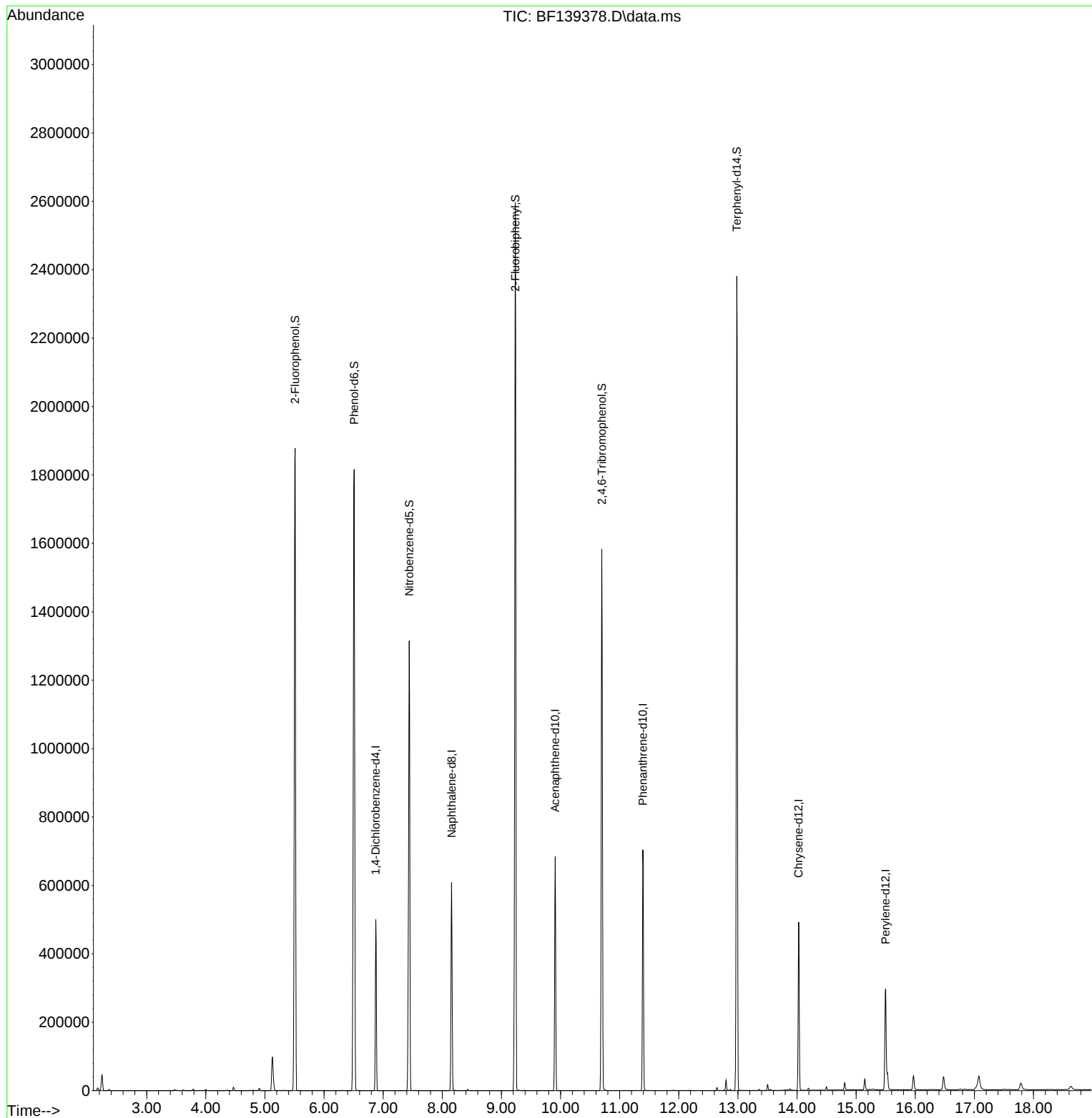
Target Compounds	Qvalue

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

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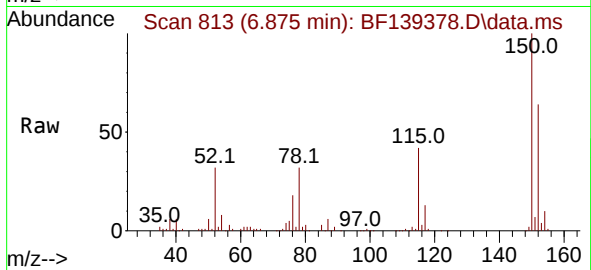
Quant Time: Sep 16 11:34:23 2024
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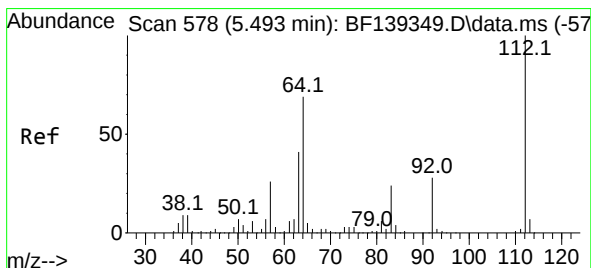
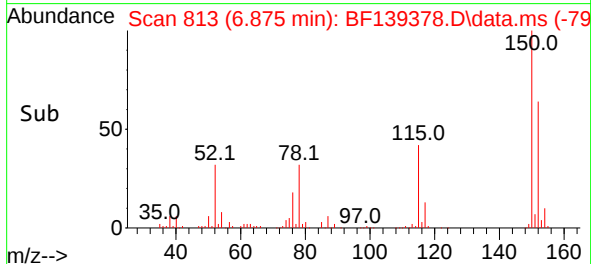
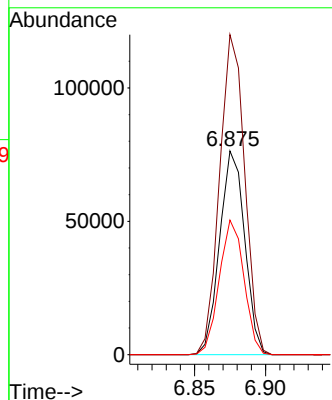


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

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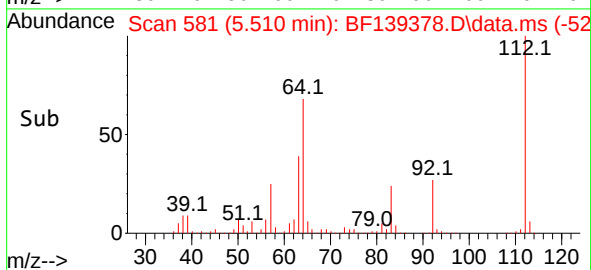
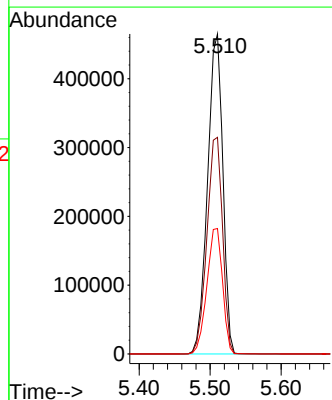
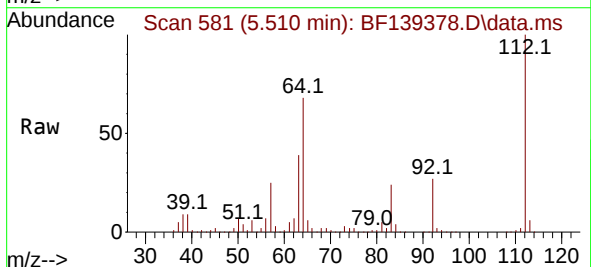


Tgt Ion:152 Resp: 93864
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 66.1 48.1 72.1



#5
2-Fluorophenol
Concen: 120.883 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion:112 Resp: 695532
Ion Ratio Lower Upper
112 100
64 67.7 54.8 82.2
63 39.2 33.0 49.4

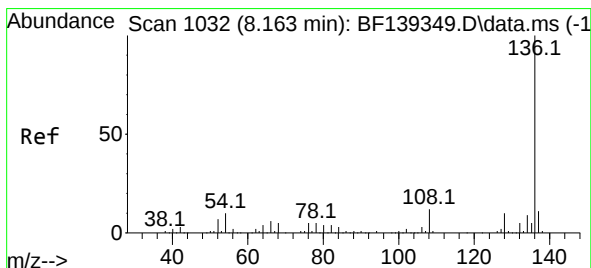
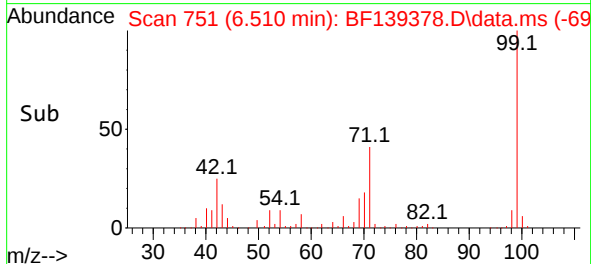
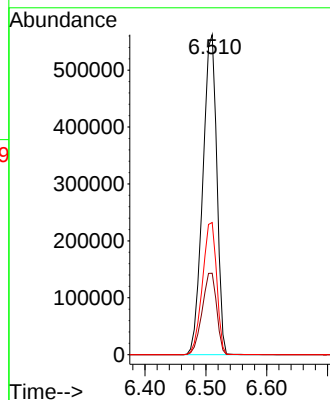
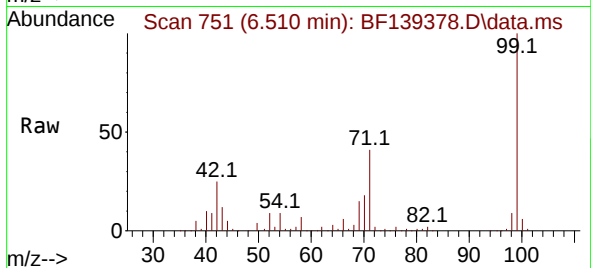




#7
Phenol-d6
Concen: 119.398 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

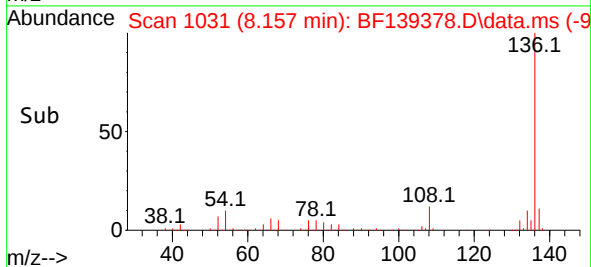
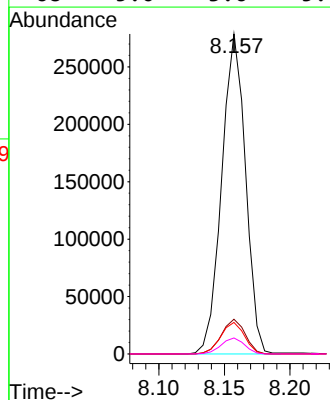
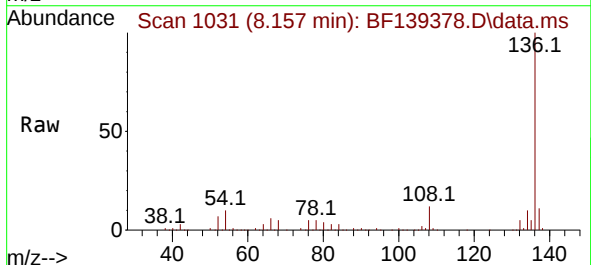
Instrument :
BNA_F
ClientSampleId :
PB163318BL

Tgt Ion: 99 Resp: 901722
Ion Ratio Lower Upper
99 100
42 25.5 21.9 32.9
71 41.3 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: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion: 136 Resp: 352298
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 7.8 11.8
68 5.0 3.6 5.4





#23

Nitrobenzene-d5

Concen: 81.896 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139378.D

Acq: 16 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163318BL

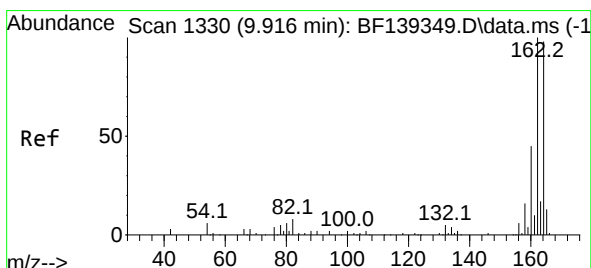
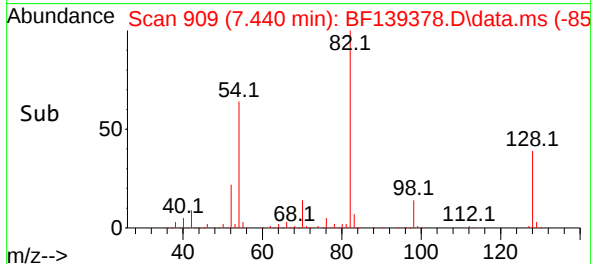
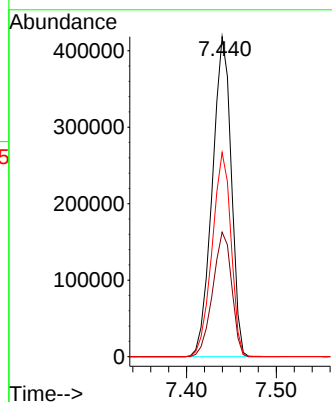
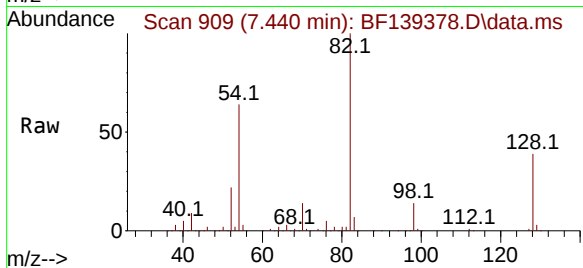
Tgt Ion: 82 Resp: 613716

Ion Ratio Lower Upper

82 100

128 38.9 31.8 47.6

54 63.8 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: BF139378.D

Acq: 16 Sep 2024 11:04

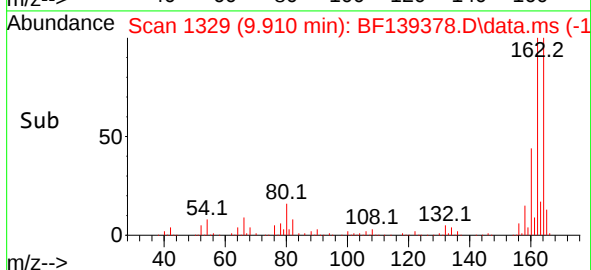
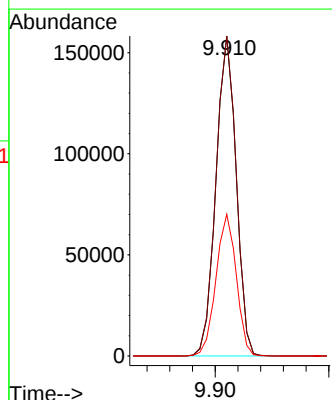
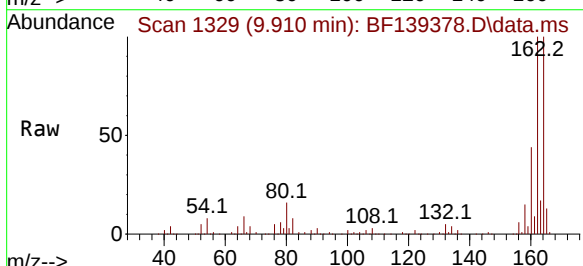
Tgt Ion:164 Resp: 195161

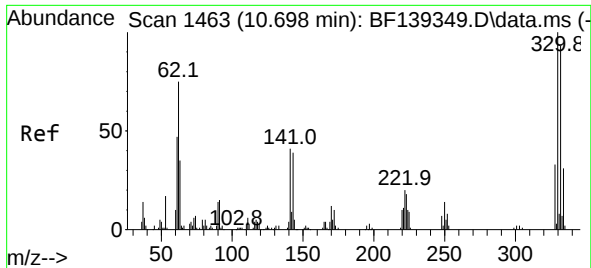
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 117.490 ng

RT: 10.698 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF139378.D

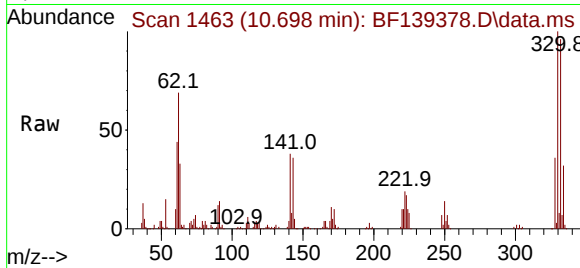
Acq: 16 Sep 2024 11:04

Instrument :

BNA_F

ClientSampleId :

PB163318BL



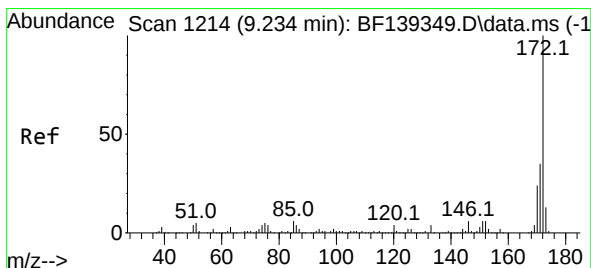
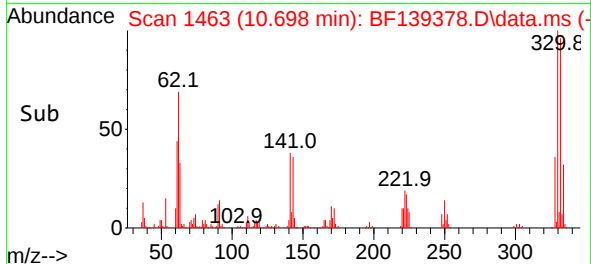
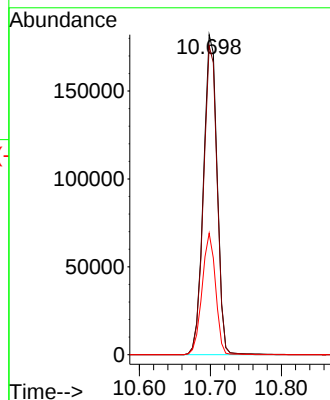
Tgt Ion:330 Resp: 244112

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 37.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 81.696 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139378.D

Acq: 16 Sep 2024 11:04

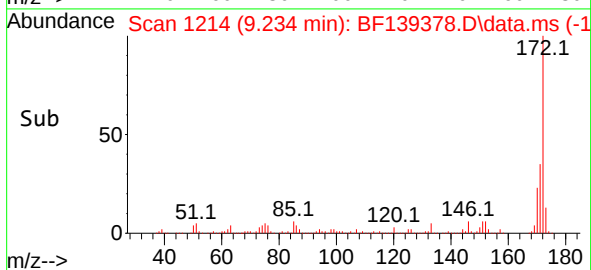
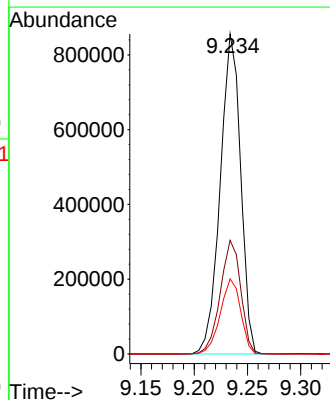
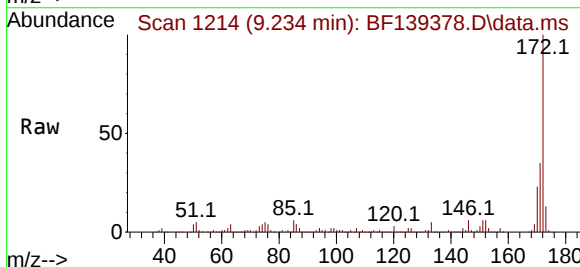
Tgt Ion:172 Resp: 1136805

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

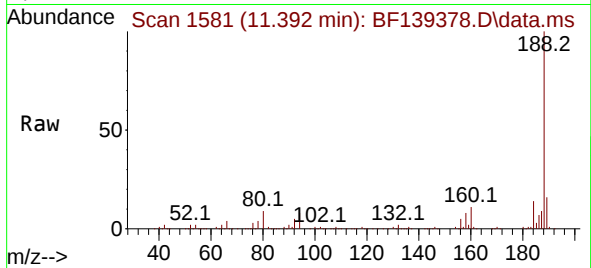
170 23.4 19.0 28.6



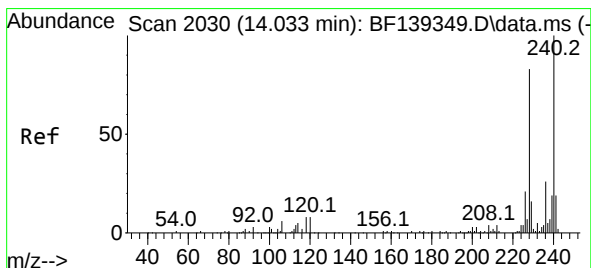
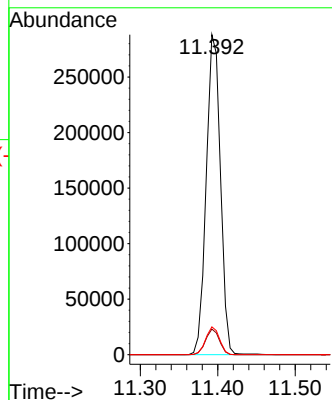
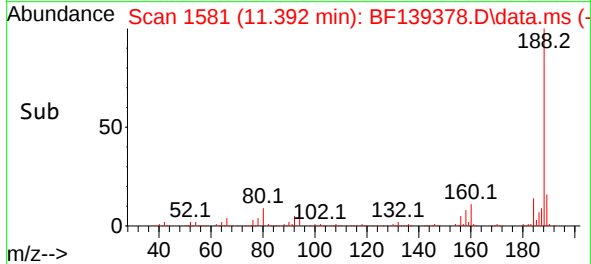


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :
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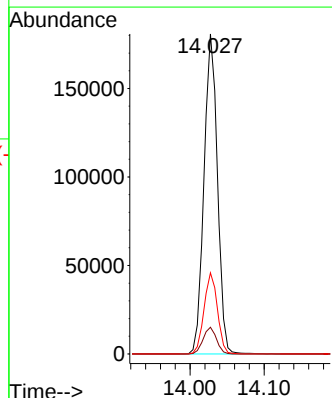
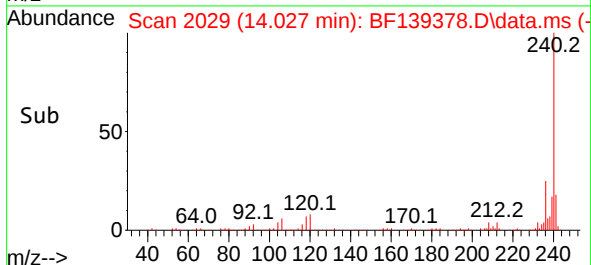
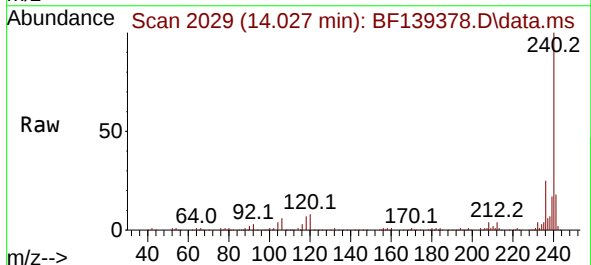


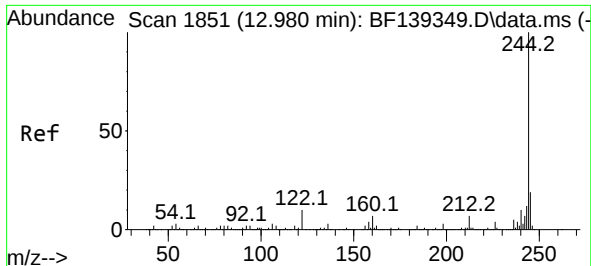
Tgt Ion:188 Resp: 366268
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 8.7 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

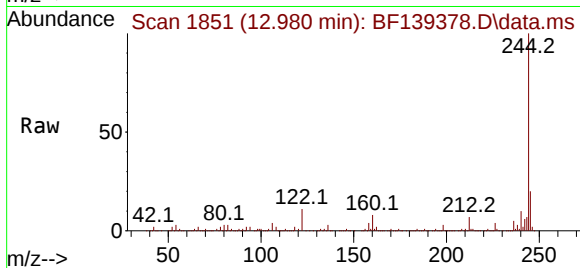
Tgt Ion:240 Resp: 227743
Ion Ratio Lower Upper
240 100
120 8.4 6.2 9.2
236 25.3 20.9 31.3



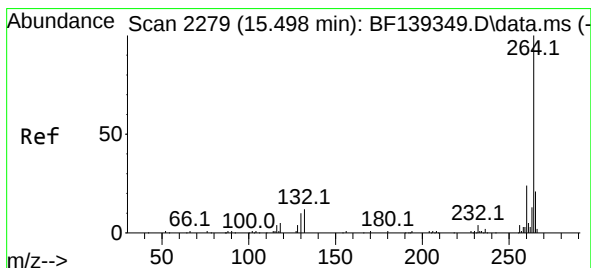
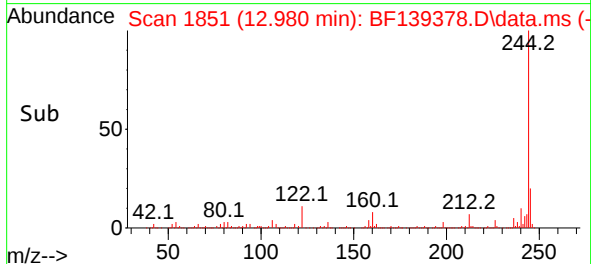
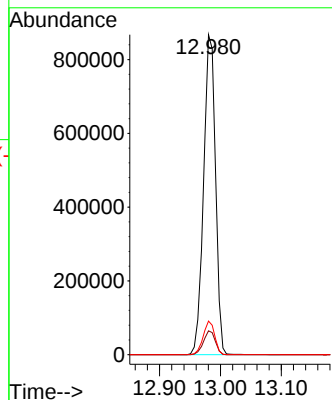


#79
Terphenyl-d14
Concen: 85.054 ng
RT: 12.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139378.D
Acq: 16 Sep 2024 11:04

Instrument :
BNA_F
ClientSampleId :
PB163318BL



Tgt Ion:244 Resp: 1180126
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.5 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: BF139378.D
Acq: 16 Sep 2024 11:04

Tgt Ion:264 Resp: 184675
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.6 16.6 25.0

