

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139454.D
 Acq On : 19 Sep 2024 10:07
 Operator : RC/JU
 Sample : PB163454BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163454BL

Quant Time: Sep 19 11:38:07 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	82332	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	313064	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	173147	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	324473	20.000	ng	0.00
76) Chrysene-d12	14.033	240	195540	20.000	ng	0.00
86) Perylene-d12	15.504	264	156174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	531574	105.327	ng	0.02
7) Phenol-d6	6.504	99	688140	103.880	ng	0.00
23) Nitrobenzene-d5	7.439	82	473586	71.116	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	179967	97.630	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	884110	71.614	ng	0.00
79) Terphenyl-d14	12.980	244	930534	78.110	ng	0.00

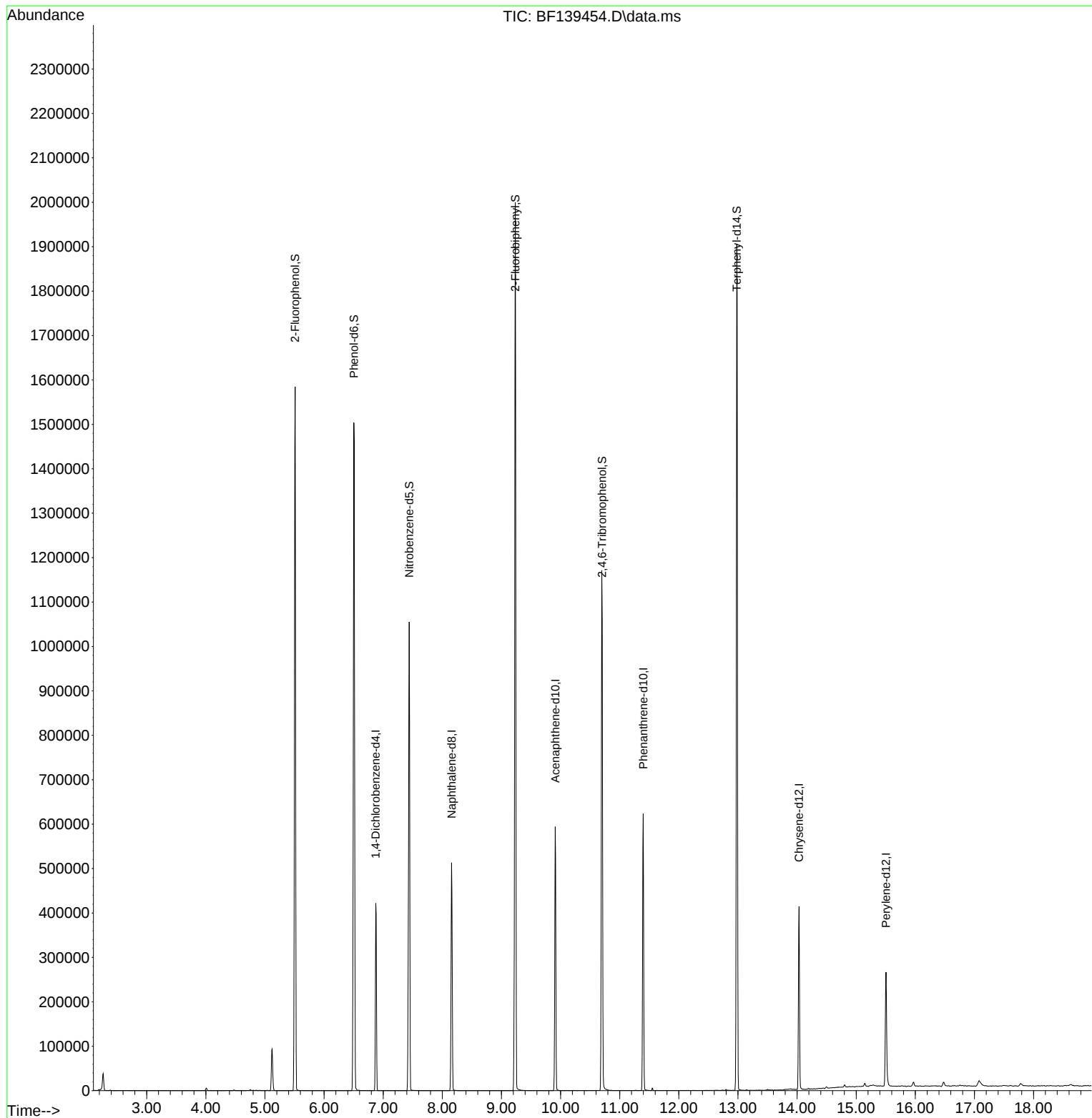
Target Compounds	Qvalue

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

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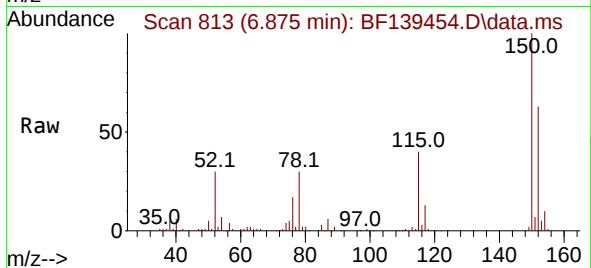
Quant Time: Sep 19 11:38:07 2024
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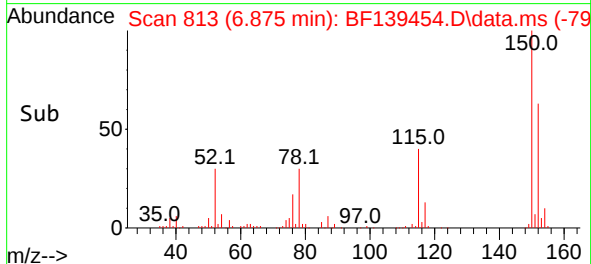
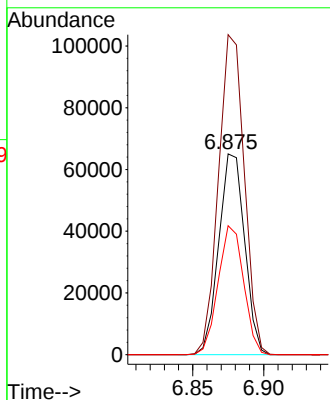


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139454.D
Acq: 19 Sep 2024 10:07

Instrument :
BNA_F
ClientSampleId :
PB163454BL

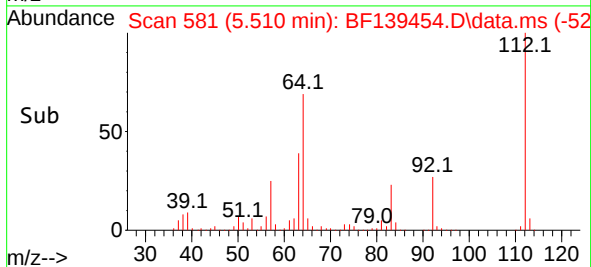
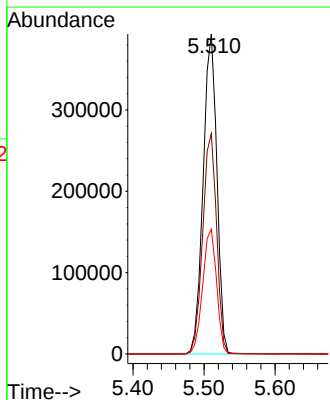
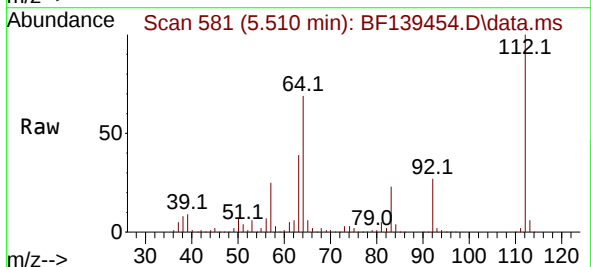


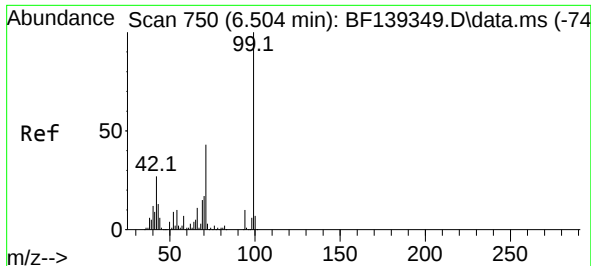
Tgt Ion:152 Resp: 82332
Ion Ratio Lower Upper
152 100
150 159.4 124.1 186.1
115 64.2 48.1 72.1



#5
2-Fluorophenol
Concen: 105.327 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139454.D
Acq: 19 Sep 2024 10:07

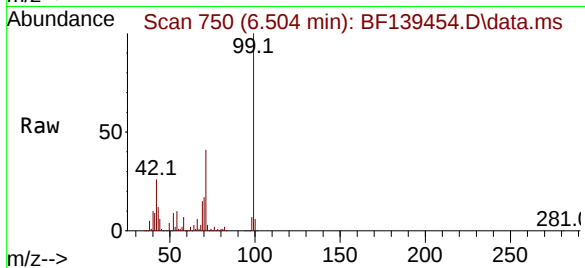
Tgt Ion:112 Resp: 531574
Ion Ratio Lower Upper
112 100
64 68.9 54.8 82.2
63 39.0 33.0 49.4



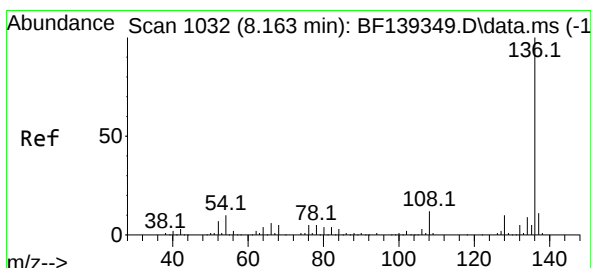
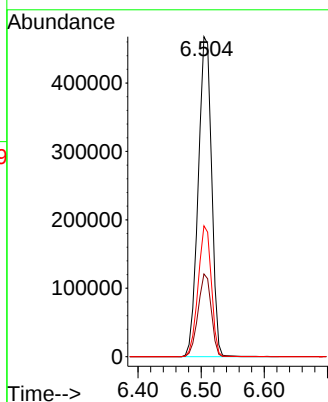
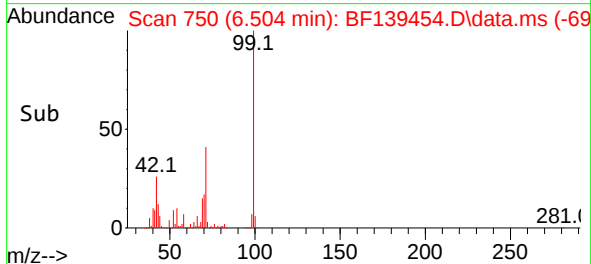


#7
Phenol-d6
Concen: 103.880 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139454.D
Acq: 19 Sep 2024 10:07

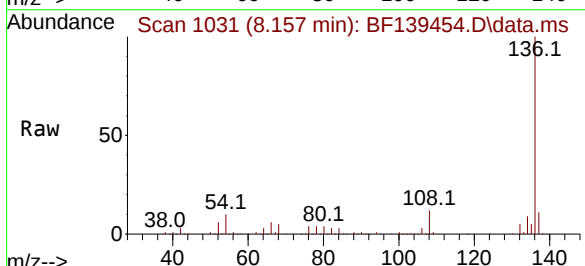
Instrument :
BNA_F
ClientSampleId :
PB163454BL



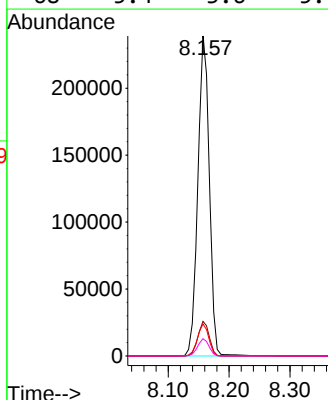
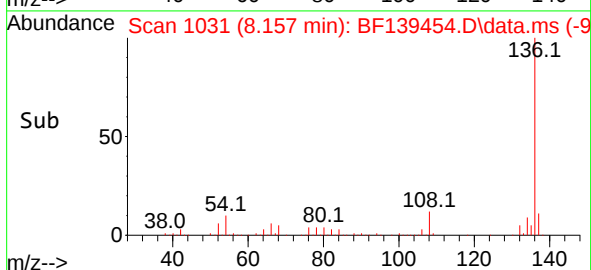
Tgt Ion: 99 Resp: 688140
Ion Ratio Lower Upper
99 100
42 25.9 21.9 32.9
71 40.9 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139454.D
Acq: 19 Sep 2024 10:07



Tgt Ion: 136 Resp: 313064
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.0 7.8 11.8
68 5.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 71.116 ng

RT: 7.439 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139454.D

Acq: 19 Sep 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB163454BL

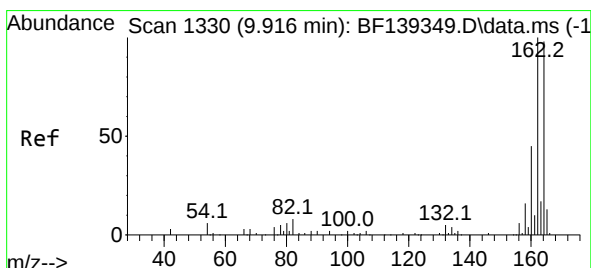
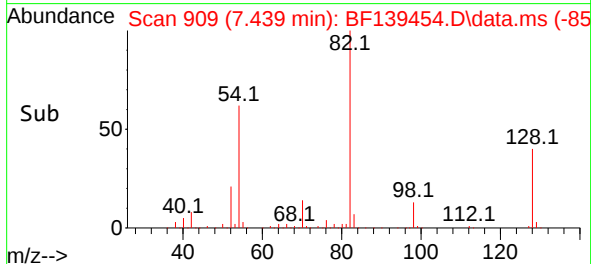
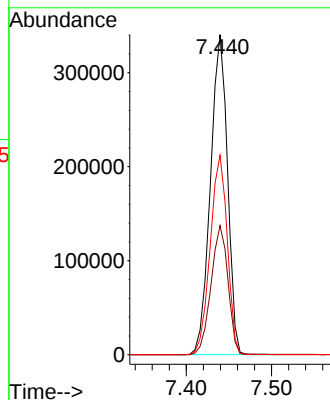
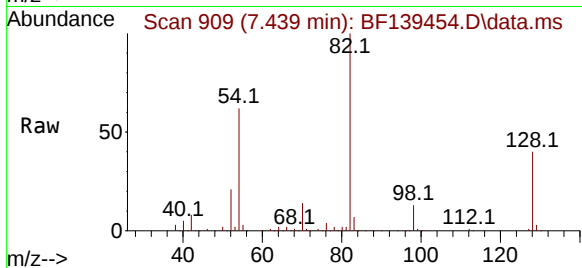
Tgt Ion: 82 Resp: 473586

Ion Ratio Lower Upper

82 100

128 40.3 31.8 47.6

54 62.3 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: BF139454.D

Acq: 19 Sep 2024 10:07

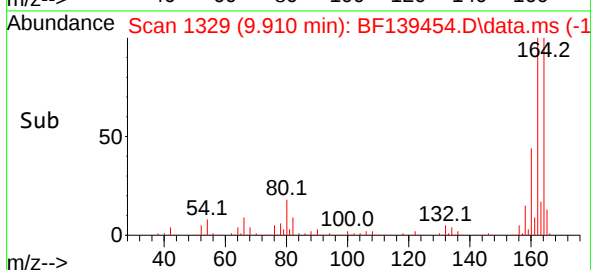
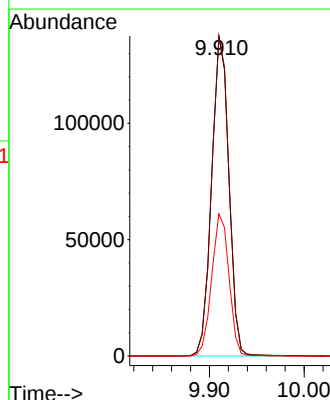
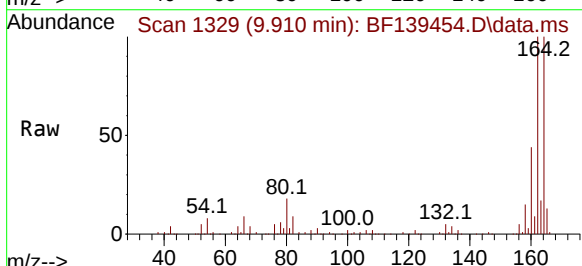
Tgt Ion:164 Resp: 173147

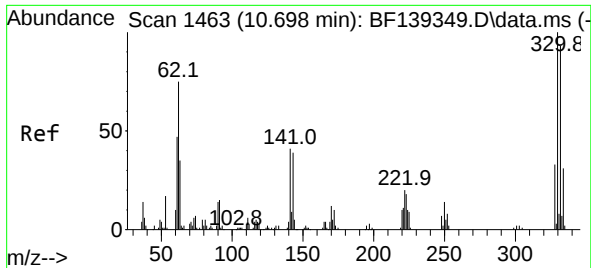
Ion Ratio Lower Upper

164 100

162 100.3 81.3 121.9

160 44.6 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 97.630 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139454.D

Acq: 19 Sep 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB163454BL

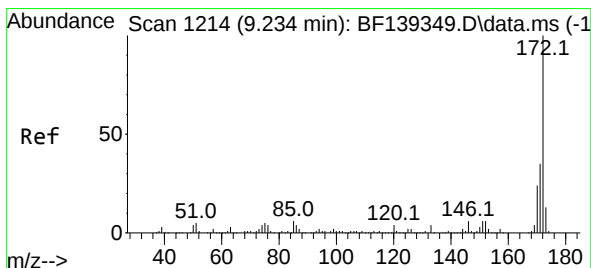
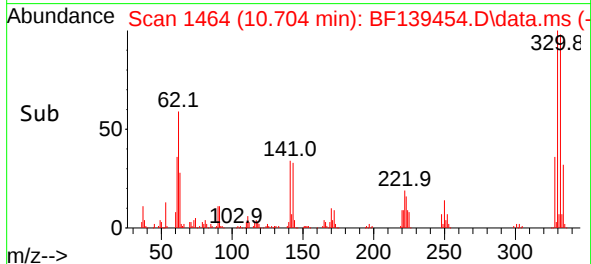
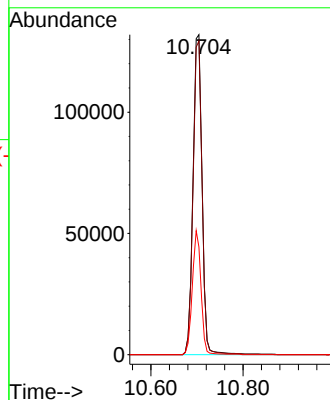
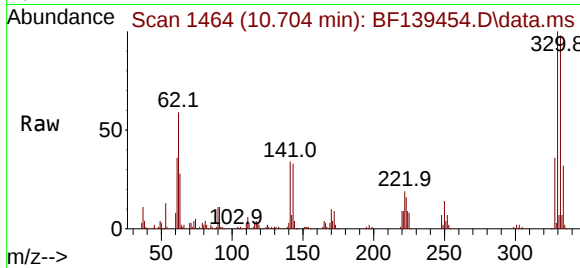
Tgt Ion:330 Resp: 179967

Ion Ratio Lower Upper

330 100

332 97.0 75.2 112.8

141 37.1 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 71.614 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139454.D

Acq: 19 Sep 2024 10:07

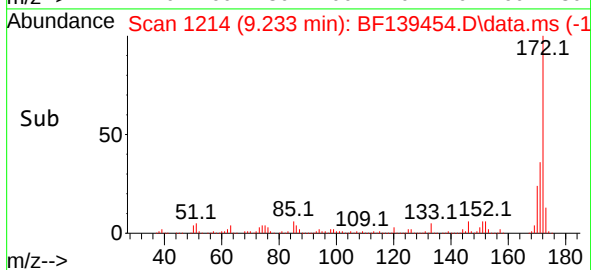
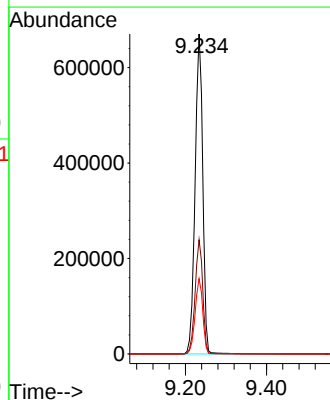
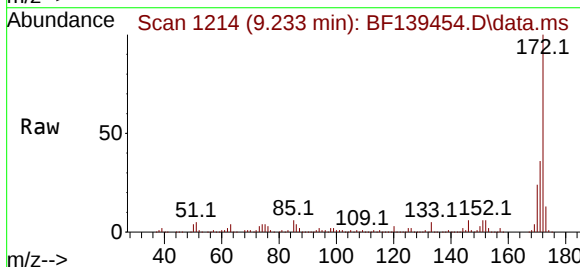
Tgt Ion:172 Resp: 884110

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139454.D

Acq: 19 Sep 2024 10:07

Instrument :

BNA_F

ClientSampleId :

PB163454BL

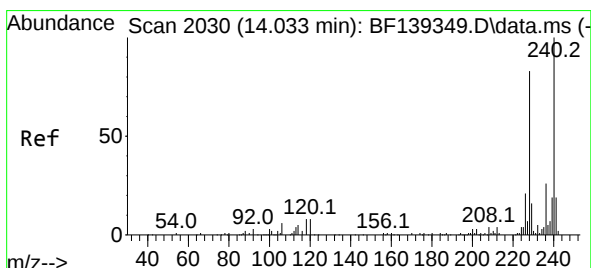
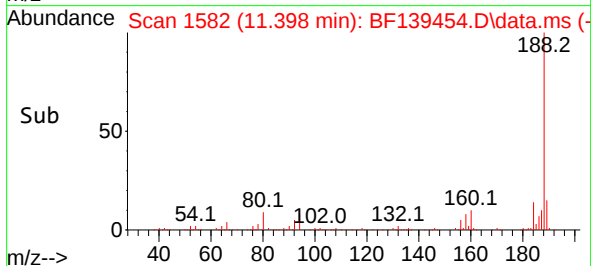
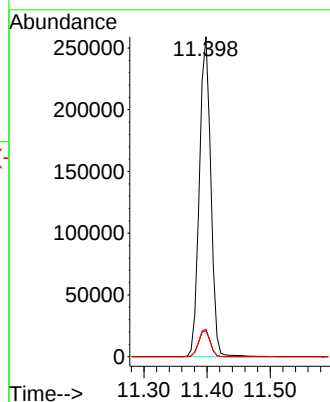
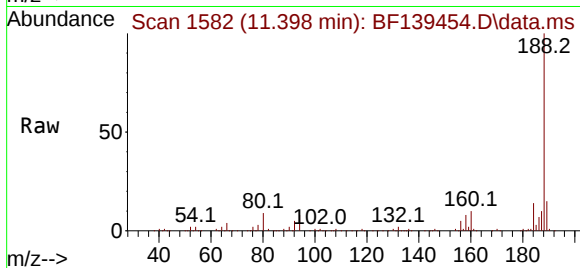
Tgt Ion:188 Resp: 324473

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.6 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: BF139454.D

Acq: 19 Sep 2024 10:07

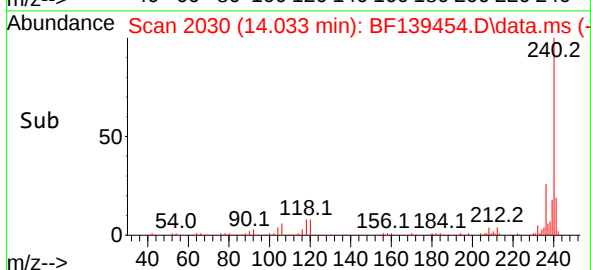
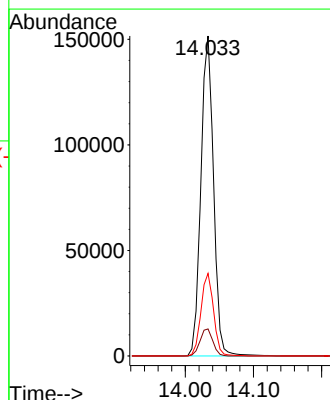
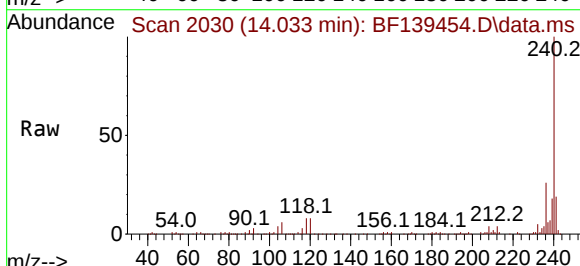
Tgt Ion:240 Resp: 195540

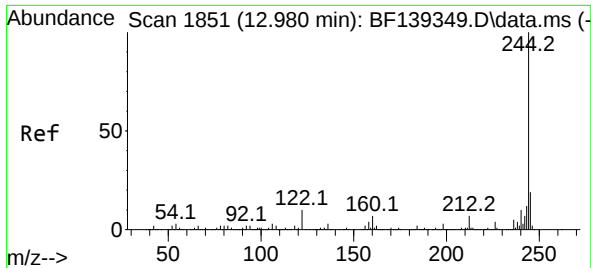
Ion Ratio Lower Upper

240 100

120 8.4 6.2 9.2

236 25.8 20.9 31.3

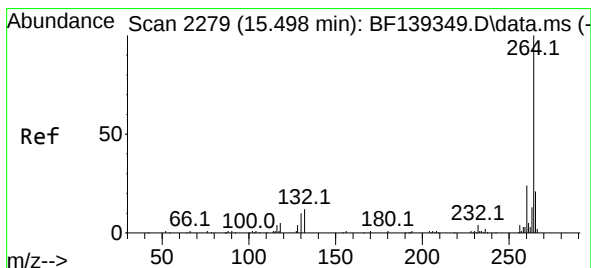
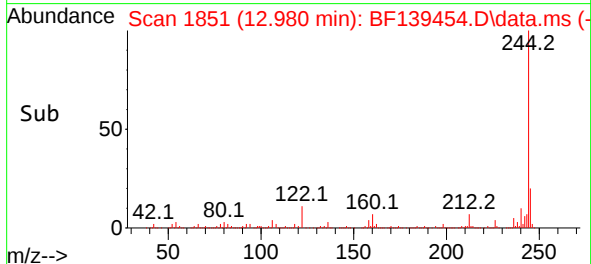
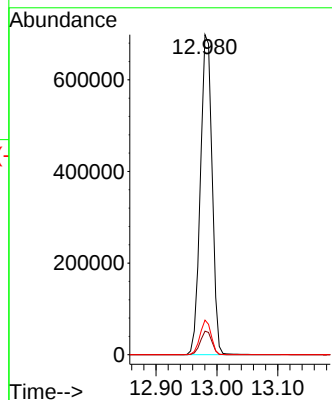
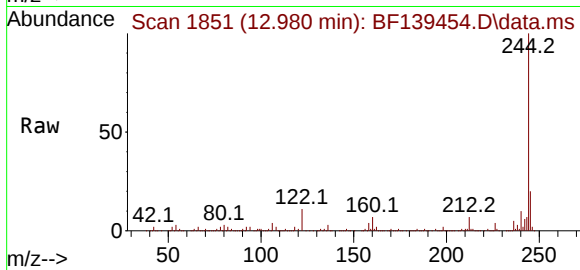




#79
 Terphenyl-d14
 Concen: 78.110 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139454.D
 Acq: 19 Sep 2024 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB163454BL

Tgt Ion:244 Resp: 930534
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.8 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: BF139454.D
 Acq: 19 Sep 2024 10:07

Tgt Ion:264 Resp: 156174
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.7 16.6 25.0

