

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
Data File : BF139460.D
Acq On : 19 Sep 2024 12:58
Operator : RC/JU
Sample : PB163516BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163516BL

Quant Time: Sep 19 13:23:00 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	85228	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	322325	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	178814	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	336315	20.000	ng	0.00
76) Chrysene-d12	14.033	240	193924	20.000	ng	0.00
86) Perylene-d12	15.504	264	157578	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	548290	104.948	ng	0.02
7) Phenol-d6	6.504	99	714220	104.154	ng	0.00
23) Nitrobenzene-d5	7.440	82	483571	70.529	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	181852	95.526	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	897097	70.363	ng	0.00
79) Terphenyl-d14	12.980	244	954625	80.800	ng	0.00

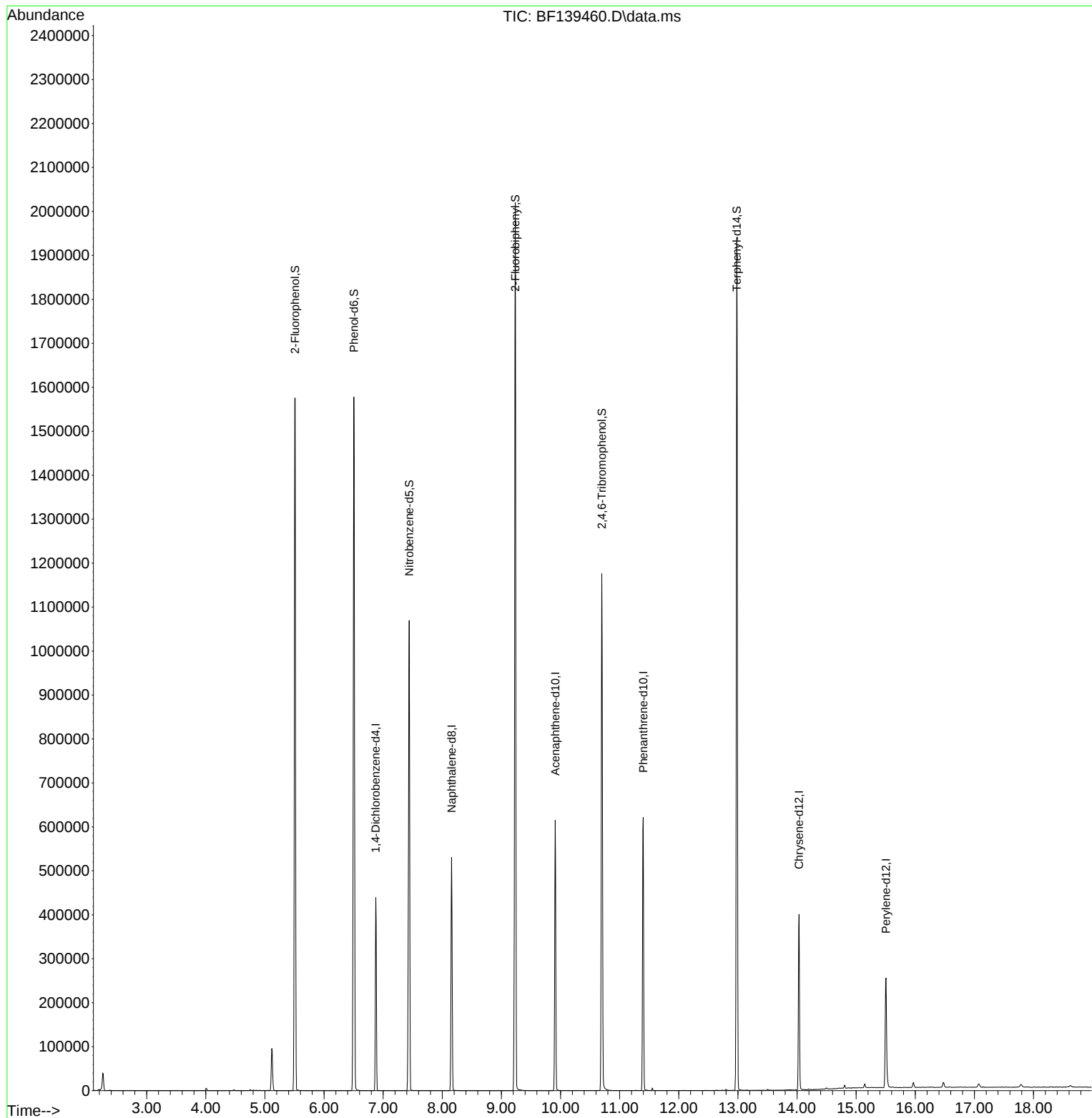
Target Compounds	Qvalue

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

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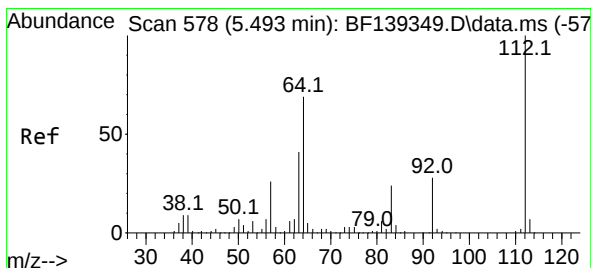
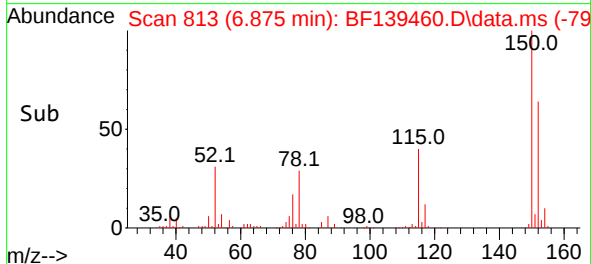
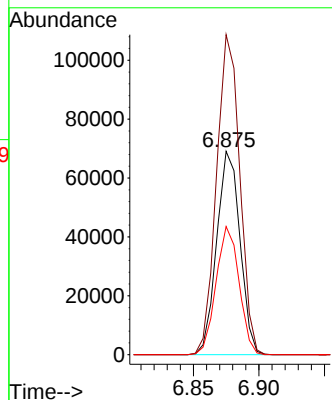
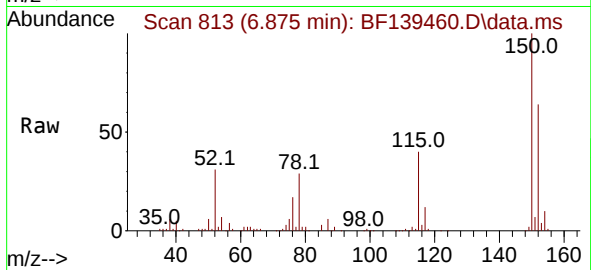




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

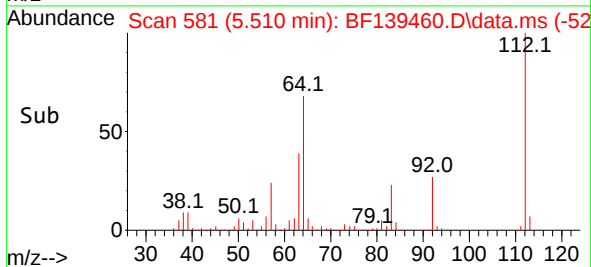
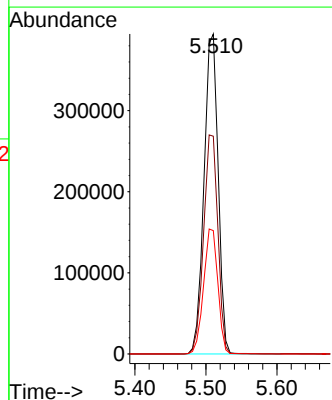
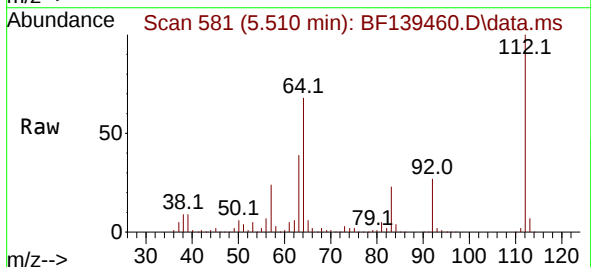
Instrument :
BNA_F
ClientSampleId :
PB163516BL

Tgt Ion:152 Resp: 85228
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 63.0 48.1 72.1



#5
2-Fluorophenol
Concen: 104.948 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

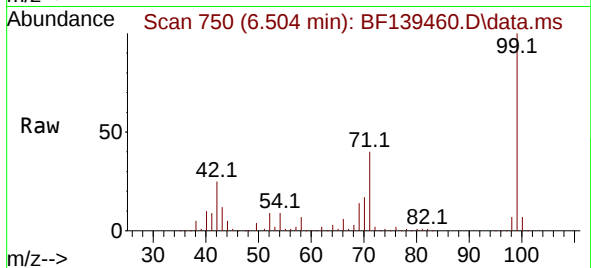
Tgt Ion:112 Resp: 548290
Ion Ratio Lower Upper
112 100
64 68.0 54.8 82.2
63 38.5 33.0 49.4



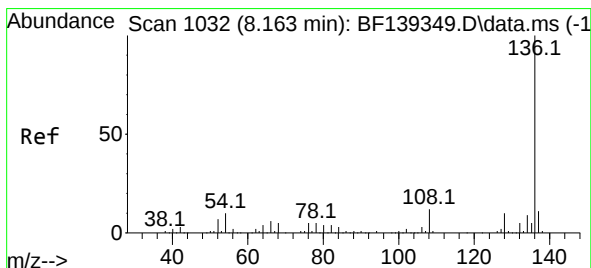
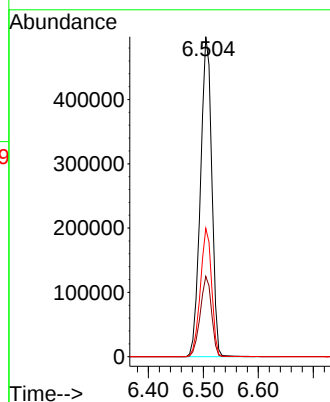
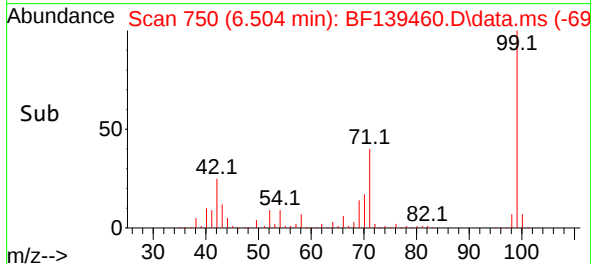


#7
Phenol-d6
Concen: 104.154 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

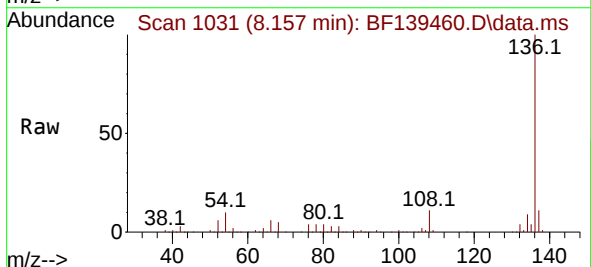
Instrument :
BNA_F
ClientSampleId :
PB163516BL



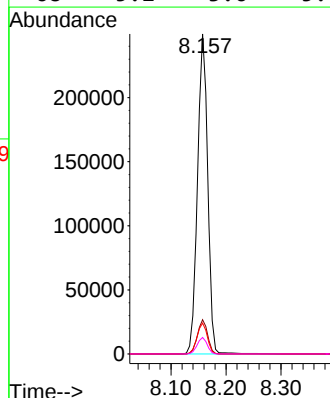
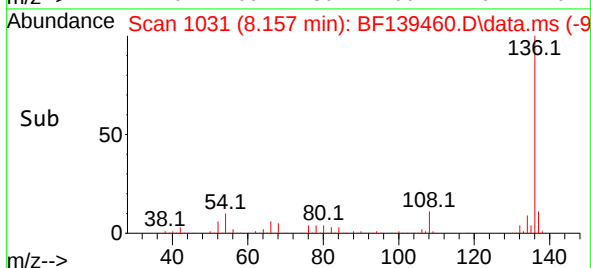
Tgt Ion: 99 Resp: 714220
Ion Ratio Lower Upper
99 100
42 25.1 21.9 32.9
71 40.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58



Tgt Ion: 136 Resp: 322325
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.7 7.8 11.8
68 5.2 3.6 5.4





#23

Nitrobenzene-d5

Concen: 70.529 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF139460.D

Acq: 19 Sep 2024 12:58

Instrument :

BNA_F

ClientSampleId :

PB163516BL

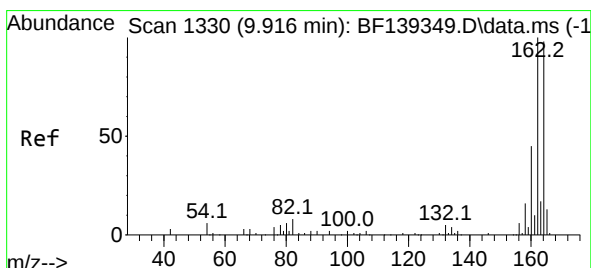
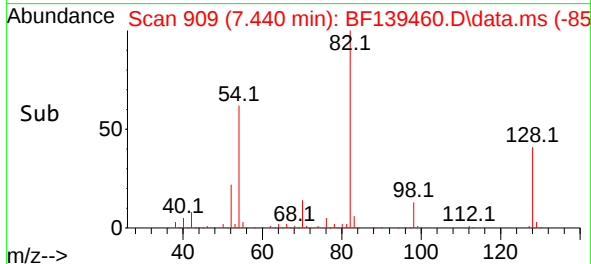
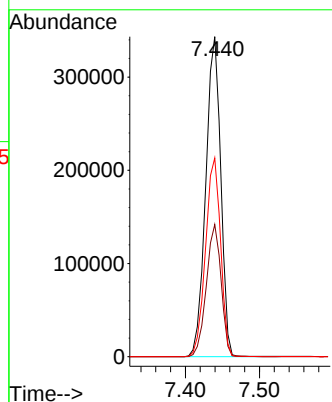
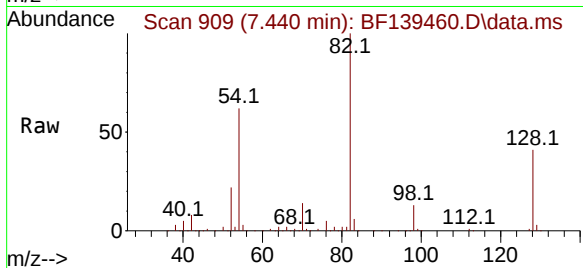
Tgt Ion: 82 Resp: 483571

Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

54 62.1 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: BF139460.D

Acq: 19 Sep 2024 12:58

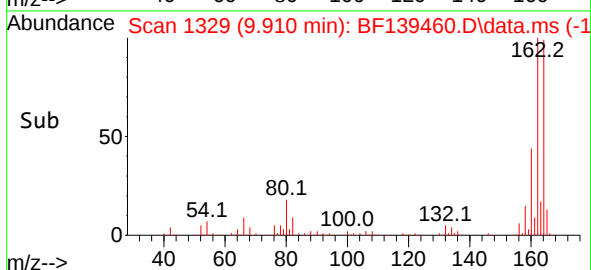
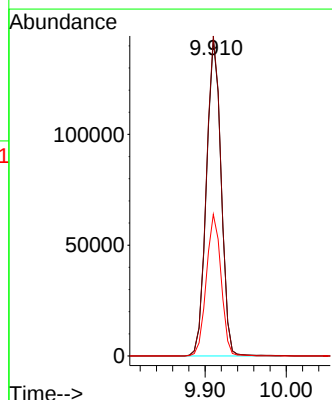
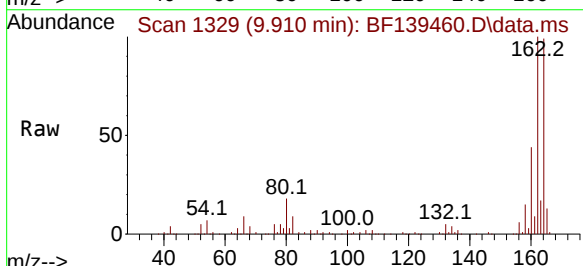
Tgt Ion:164 Resp: 178814

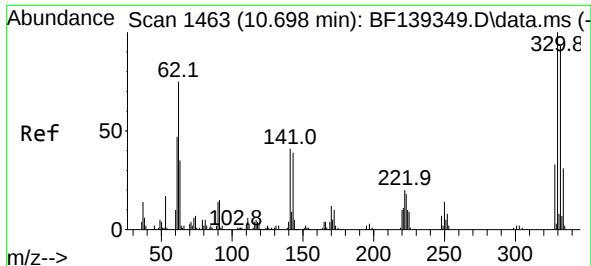
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

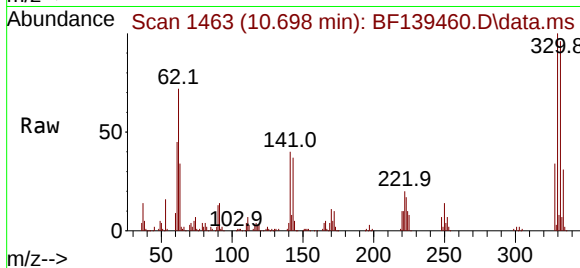
160 44.8 36.4 54.6



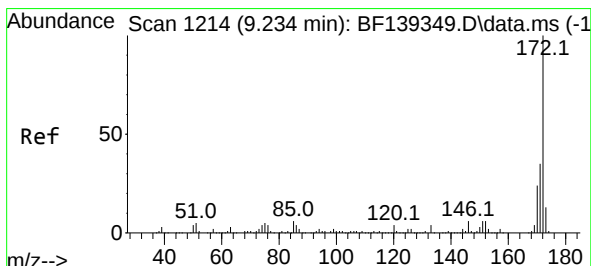
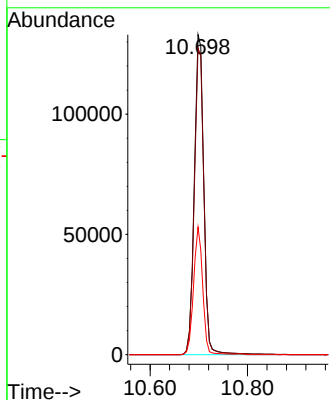
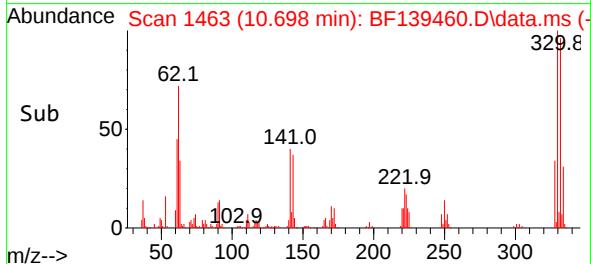


#42
2,4,6-Tribromophenol
Concen: 95.526 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

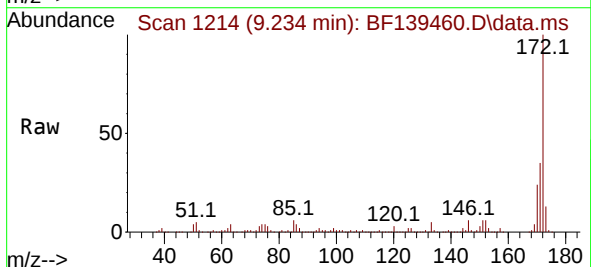
Instrument :
BNA_F
ClientSampleId :
PB163516BL



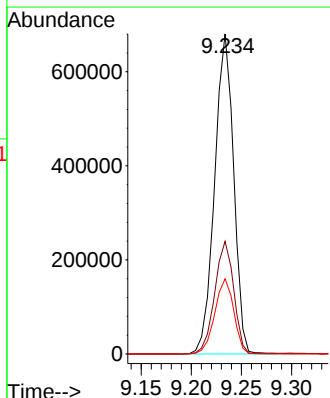
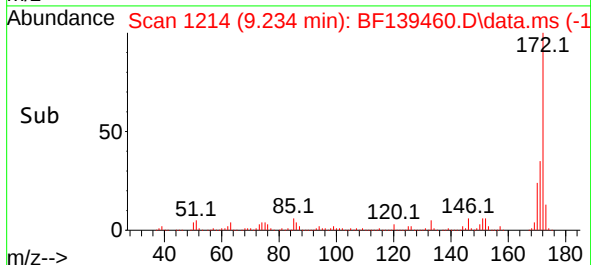
Tgt Ion: 330 Resp: 181852
Ion Ratio Lower Upper
330 100
332 96.1 75.2 112.8
141 38.1 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 70.363 ng
RT: 9.234 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58



Tgt Ion: 172 Resp: 897097
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6

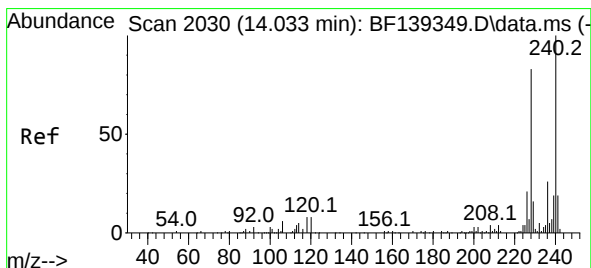
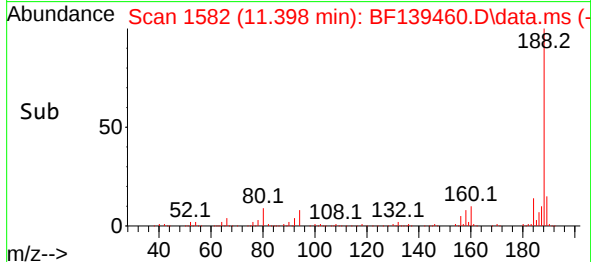
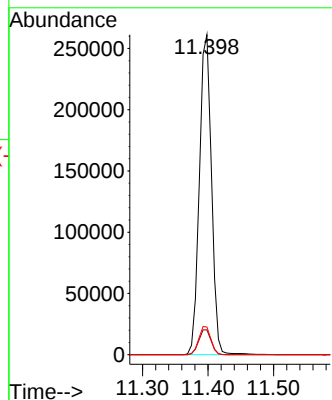
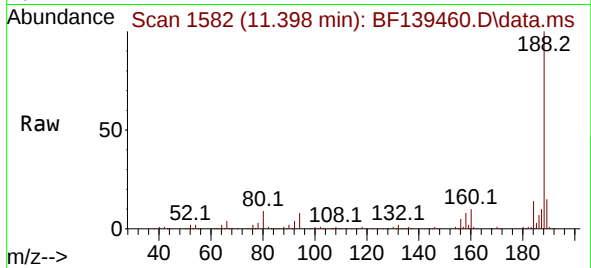




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

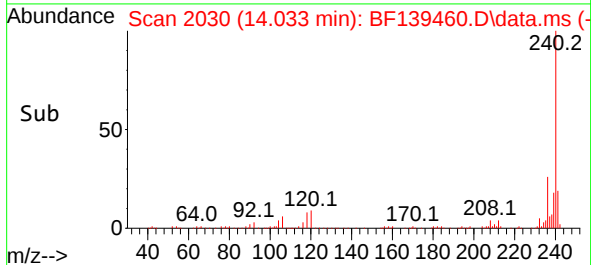
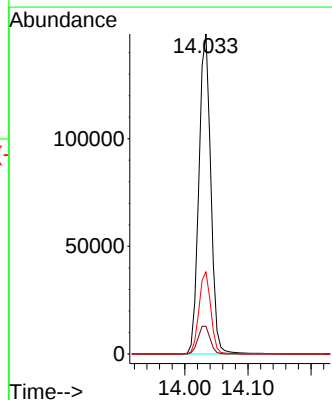
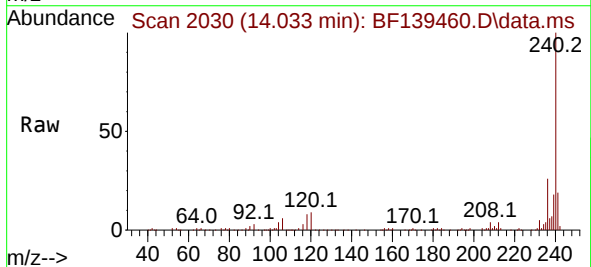
Instrument :
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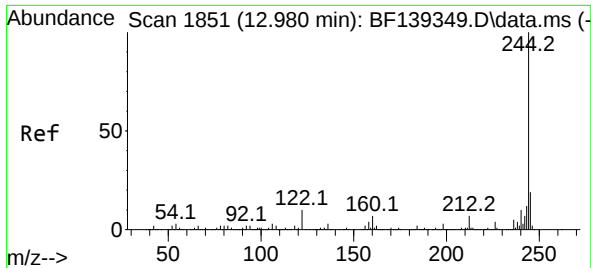
Tgt Ion:188 Resp: 336315
Ion Ratio Lower Upper
188 100
94 7.7 5.5 8.3
80 8.6 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:240 Resp: 193924
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 25.6 20.9 31.3

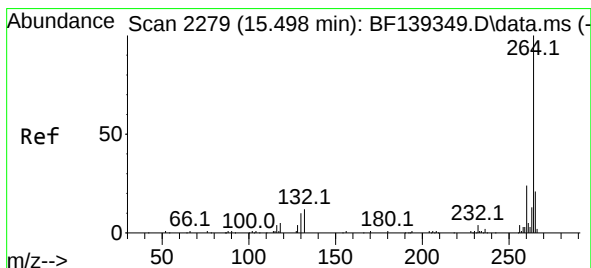
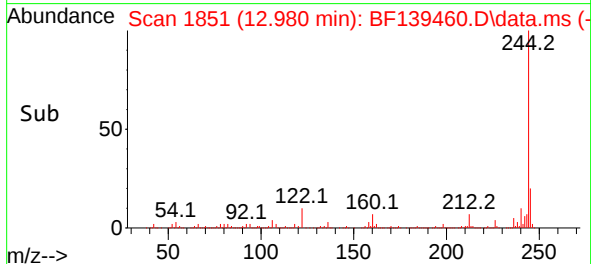
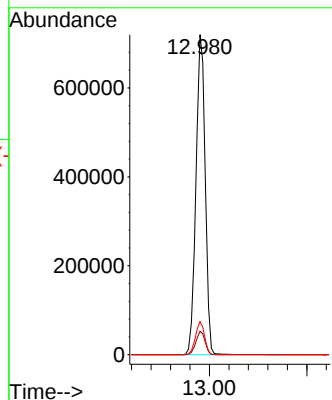
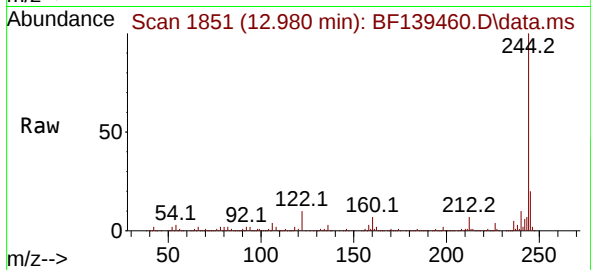




#79
Terphenyl-d14
Concen: 80.800 ng
RT: 12.980 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139460.D
Acq: 19 Sep 2024 12:58

Instrument :
BNA_F
ClientSampleId :
PB163516BL

Tgt Ion:244 Resp: 954625
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 10.4 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: BF139460.D
Acq: 19 Sep 2024 12:58

Tgt Ion:264 Resp: 157578
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 21.0 16.6 25.0

