

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139630.D
Acq On : 03 Oct 2024 14:37
Operator : RC/JU
Sample : PB163805TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163805TB

Quant Time: Oct 03 15:06:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99763	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	384233	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	226338	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	453669	20.000	ng	0.00
76) Chrysene-d12	14.027	240	290975	20.000	ng	0.00
86) Perylene-d12	15.498	264	226497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	871288	151.374	ng	0.01
7) Phenol-d6	6.498	99	1135720	146.727	ng	0.00
23) Nitrobenzene-d5	7.428	82	757784	99.853	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	331704	151.815	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1423808	96.573	ng	0.00
79) Terphenyl-d14	12.980	244	1774277	100.053	ng	0.00

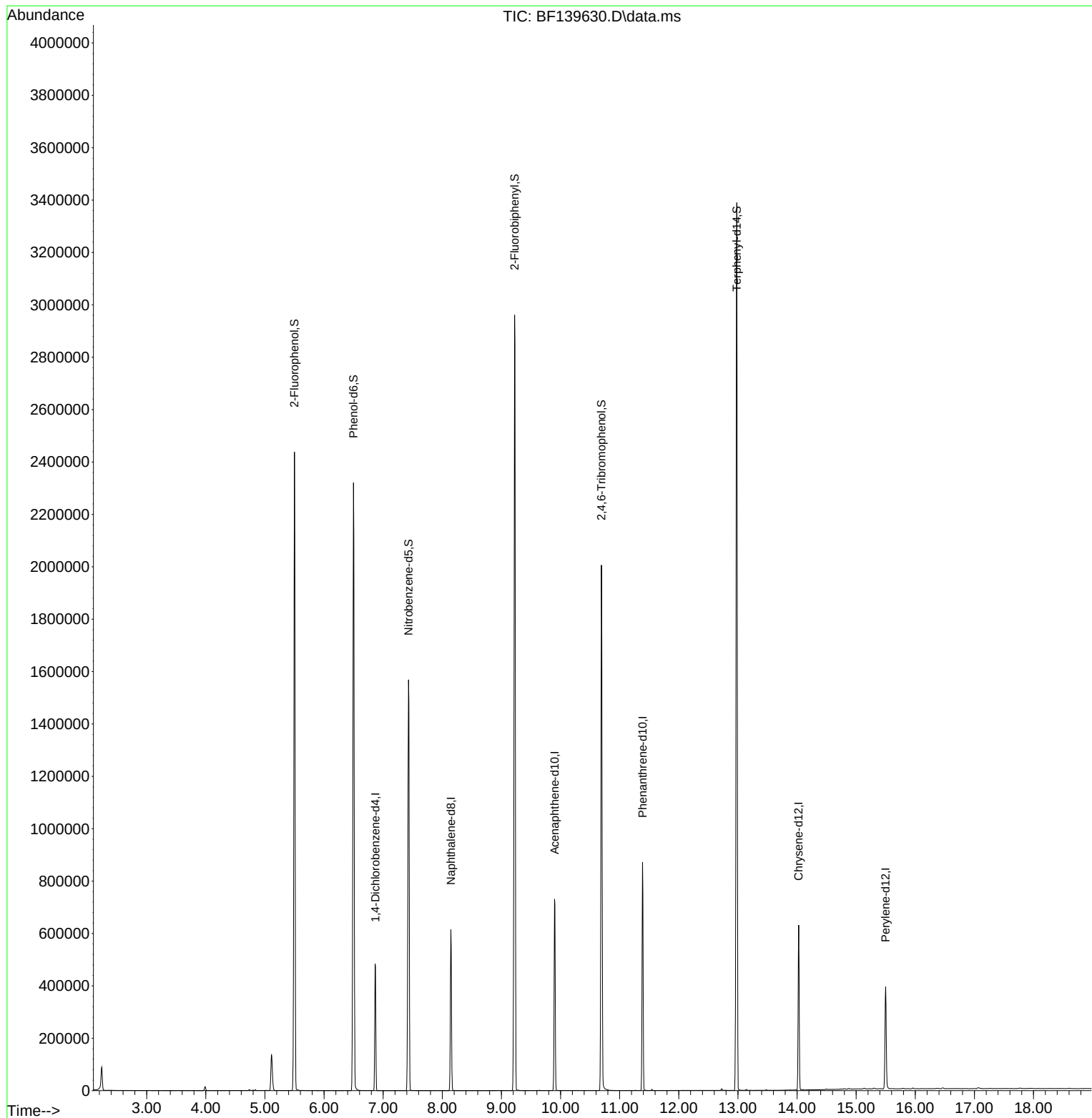
Target Compounds	Qvalue

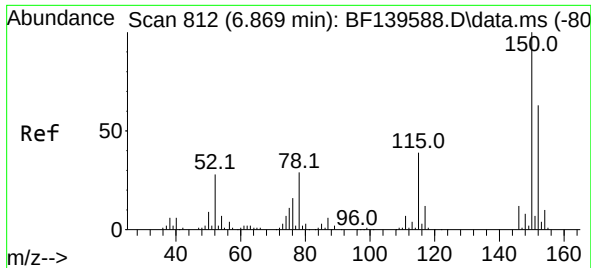
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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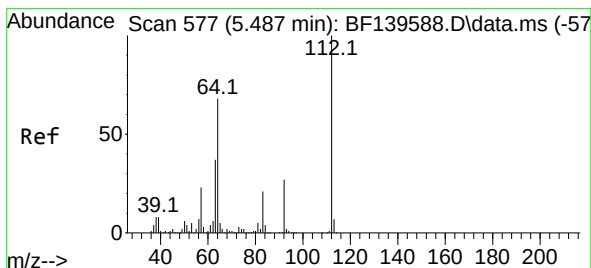
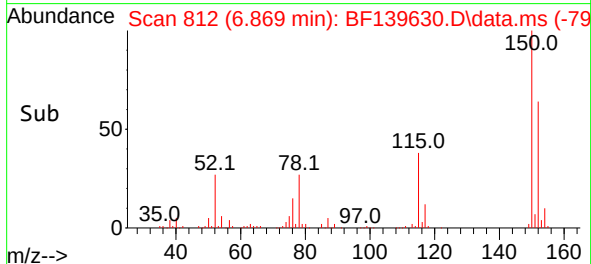
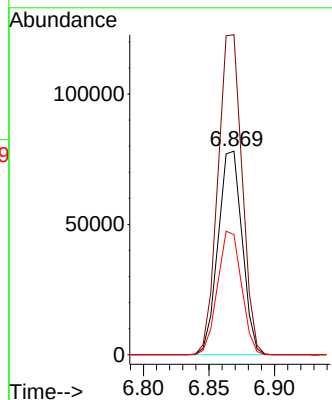
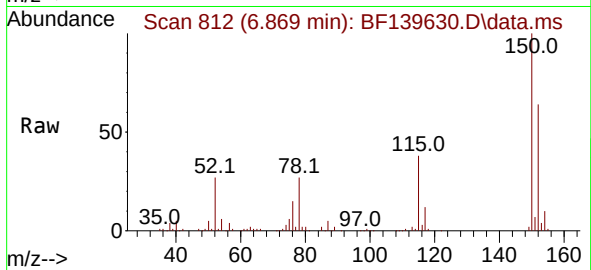




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

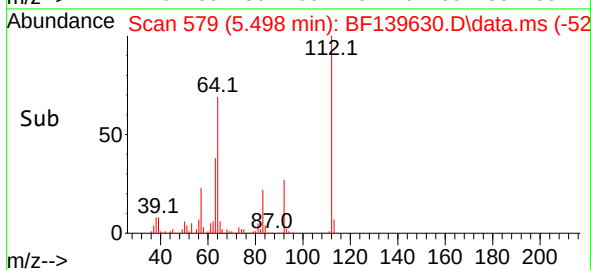
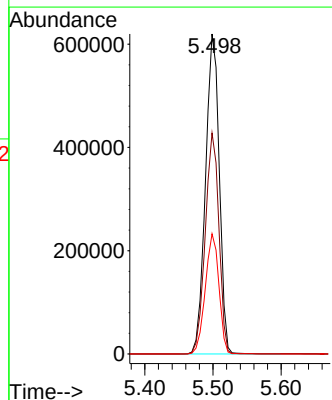
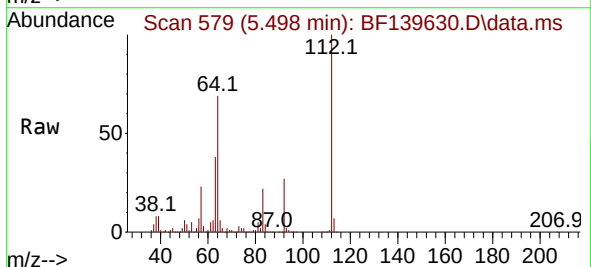
Instrument :
BNA_F
ClientSampleId :
PB163805TB

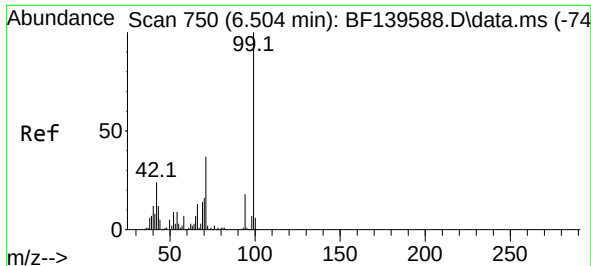
Tgt Ion:152 Resp: 99763
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 59.0 49.0 73.4



#5
2-Fluorophenol
Concen: 151.374 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion:112 Resp: 871288
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.6 29.4 44.2

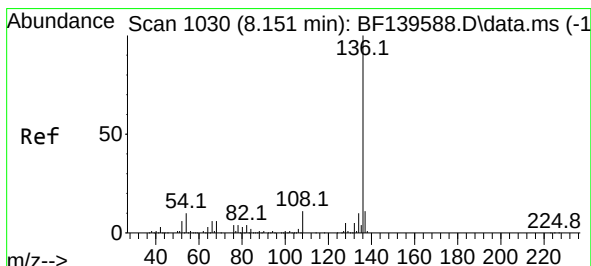
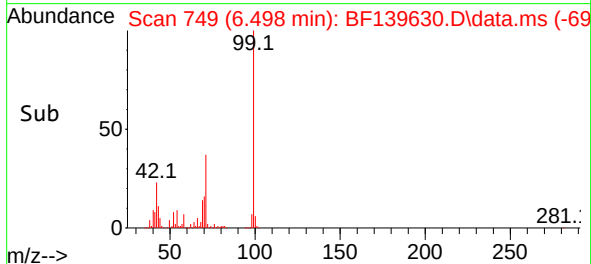
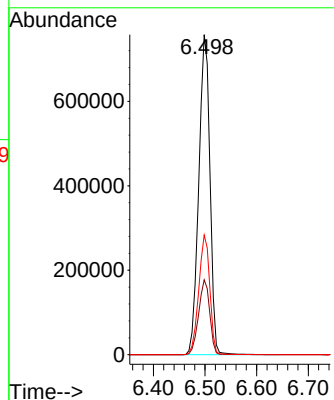
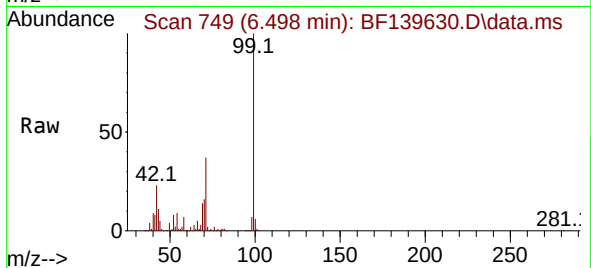




#7
Phenol-d6
Concen: 146.727 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

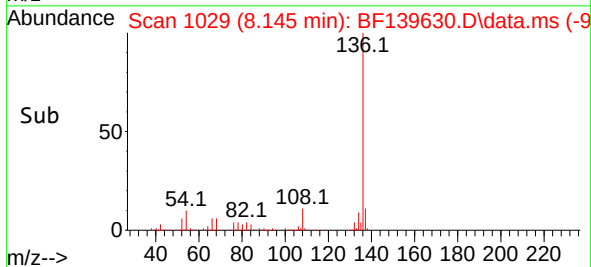
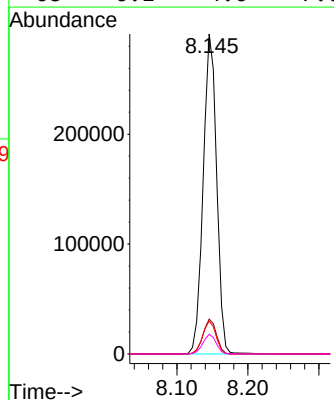
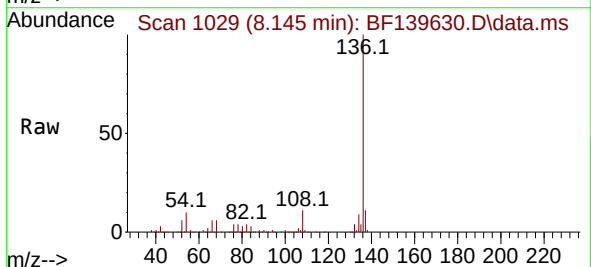
Instrument :
BNA_F
ClientSampleId :
PB163805TB

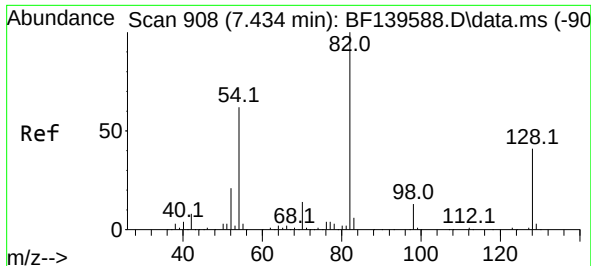
Tgt Ion: 99 Resp: 1135720
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.4 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion: 136 Resp: 384233
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.3 8.3 12.5
68 6.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 99.853 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

Instrument :

BNA_F

ClientSampleId :

PB163805TB

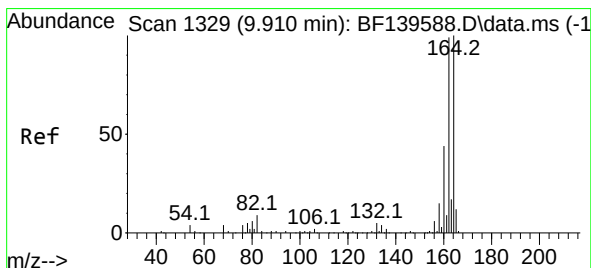
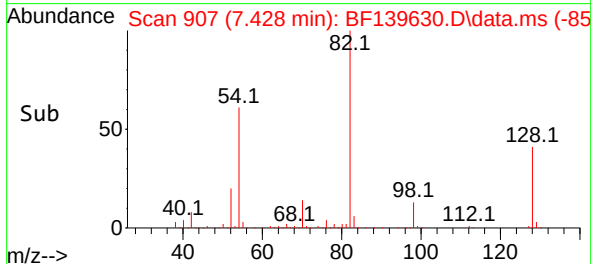
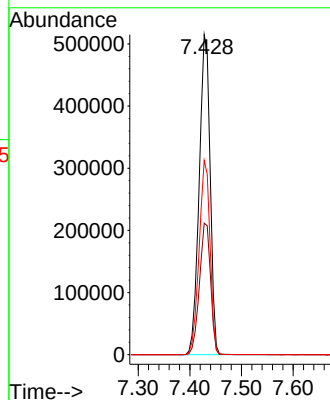
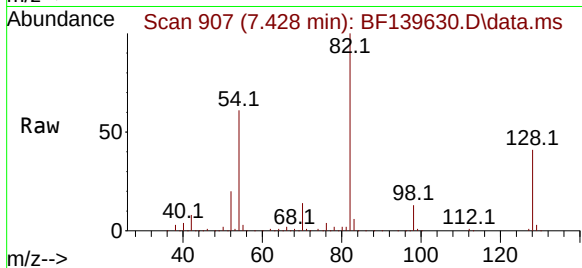
Tgt Ion: 82 Resp: 757784

Ion Ratio Lower Upper

82 100

128 41.1 32.4 48.6

54 60.7 49.1 73.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.012 min

Lab File: BF139630.D

Acq: 03 Oct 2024 14:37

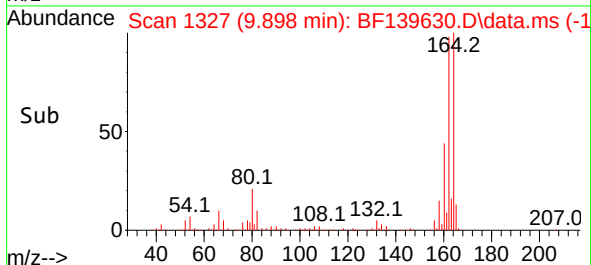
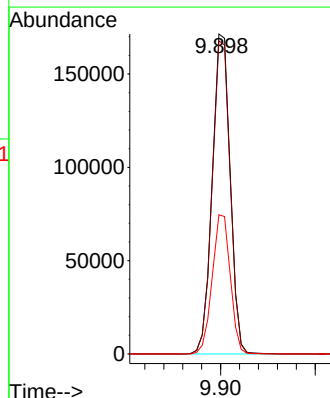
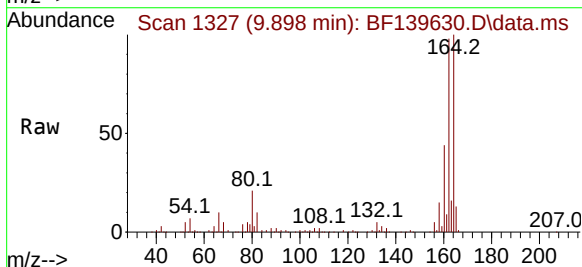
Tgt Ion:164 Resp: 226338

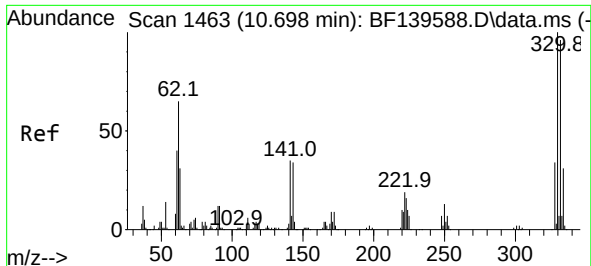
Ion Ratio Lower Upper

164 100

162 97.8 79.4 119.0

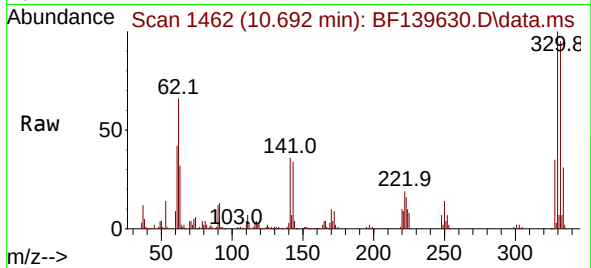
160 43.5 35.1 52.7



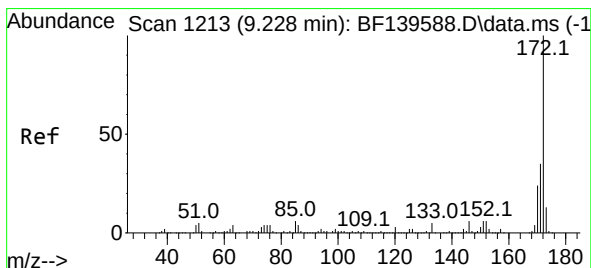
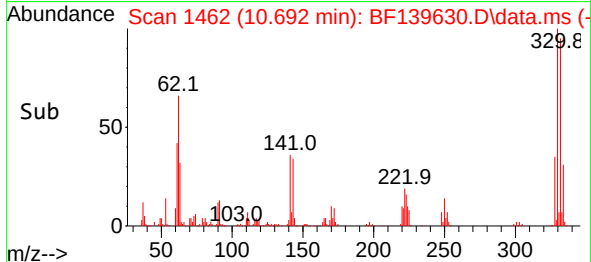
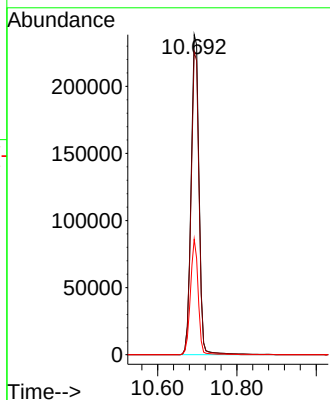


#42
2,4,6-Tribromophenol
Concen: 151.815 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Instrument :
BNA_F
ClientSampleId :
PB163805TB

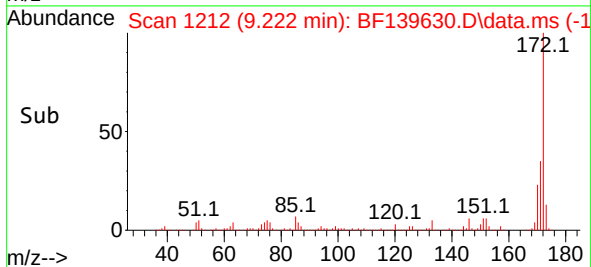
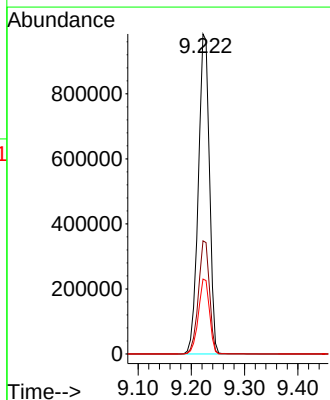
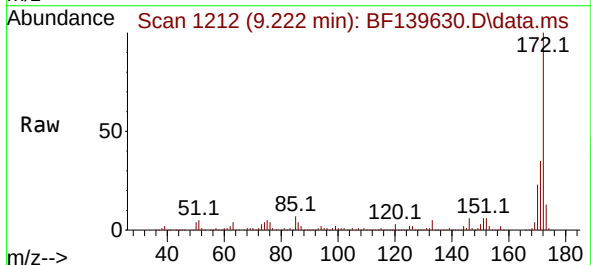


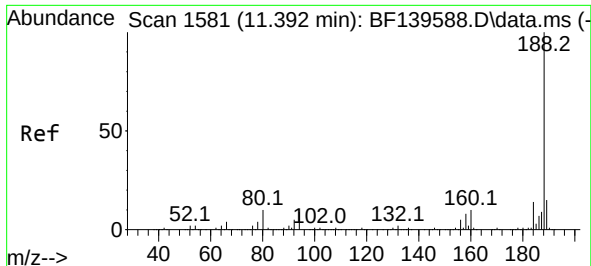
Tgt Ion:330 Resp: 331704
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 35.2 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 96.573 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion:172 Resp: 1423808
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.4 18.8 28.2

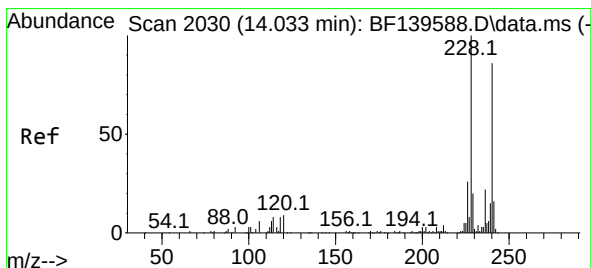
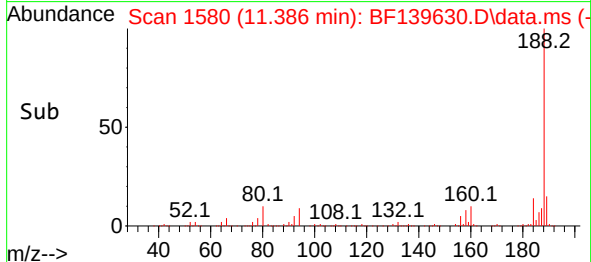
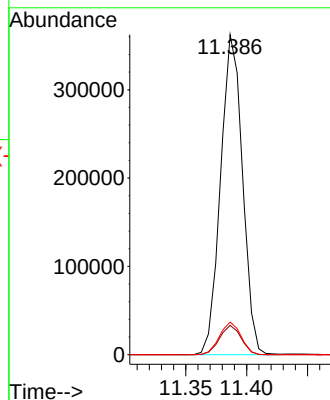
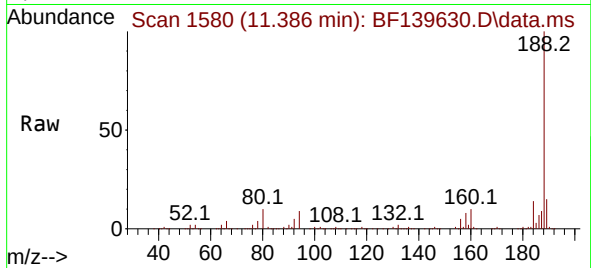




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

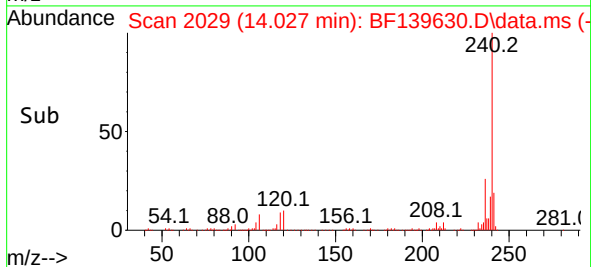
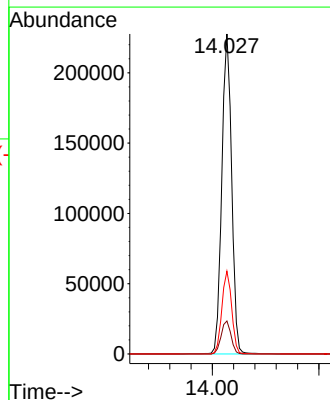
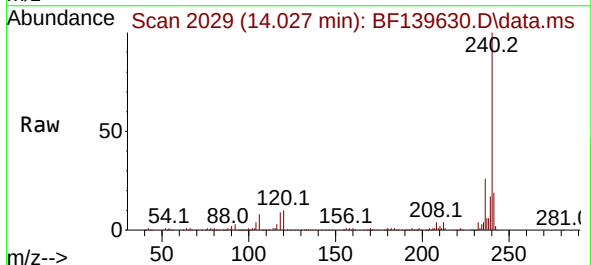
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BNA_F
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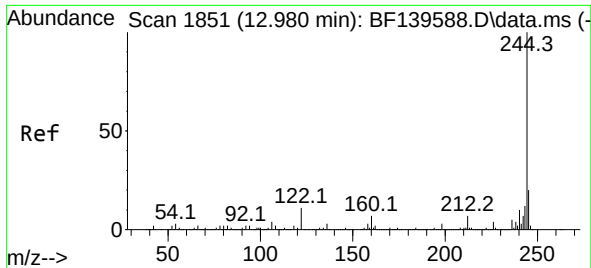
Tgt Ion:188 Resp: 453669
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 10.2 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139630.D
Acq: 03 Oct 2024 14:37

Tgt Ion:240 Resp: 290975
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 25.8 20.3 30.5

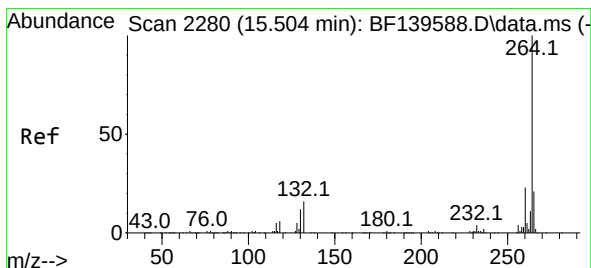
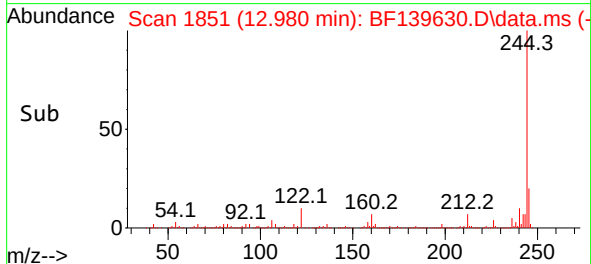
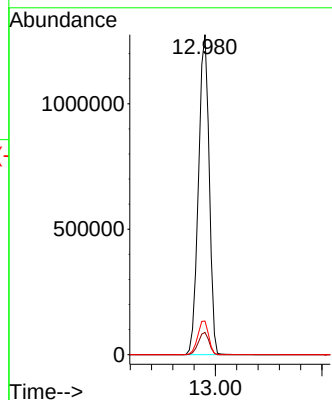
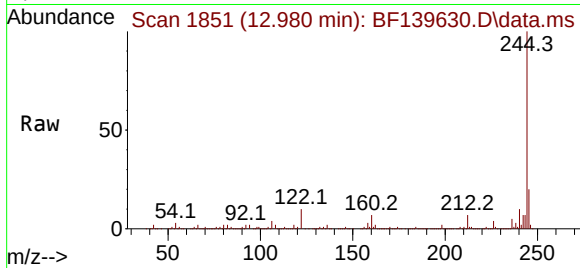




#79
 Terphenyl-d14
 Concen: 100.053 ng
 RT: 12.980 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139630.D
 Acq: 03 Oct 2024 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB163805TB

Tgt Ion:244 Resp: 1774277
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF139630.D
 Acq: 03 Oct 2024 14:37

Tgt Ion:264 Resp: 226497
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 21.1 16.9 25.3

