

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139412.D
Acq On : 17 Sep 2024 19:58
Operator : RC/JU
Sample : P3963-01 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DN-B-39

Quant Time: Sep 18 00:48:28 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	6.881	152	59961	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	198820	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	91551	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	166963	20.000	ng	0.00
76) Chrysene-d12	14.033	240	96459	20.000	ng	0.00
86) Perylene-d12	15.504	264	71315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	163665	44.528	ng	0.00
7) Phenol-d6	6.498	99	214019	44.362	ng	0.00
23) Nitrobenzene-d5	7.433	82	140444	33.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	39953	40.991	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	223532	34.244	ng	0.00
79) Terphenyl-d14	12.980	244	218710	37.217	ng	0.00

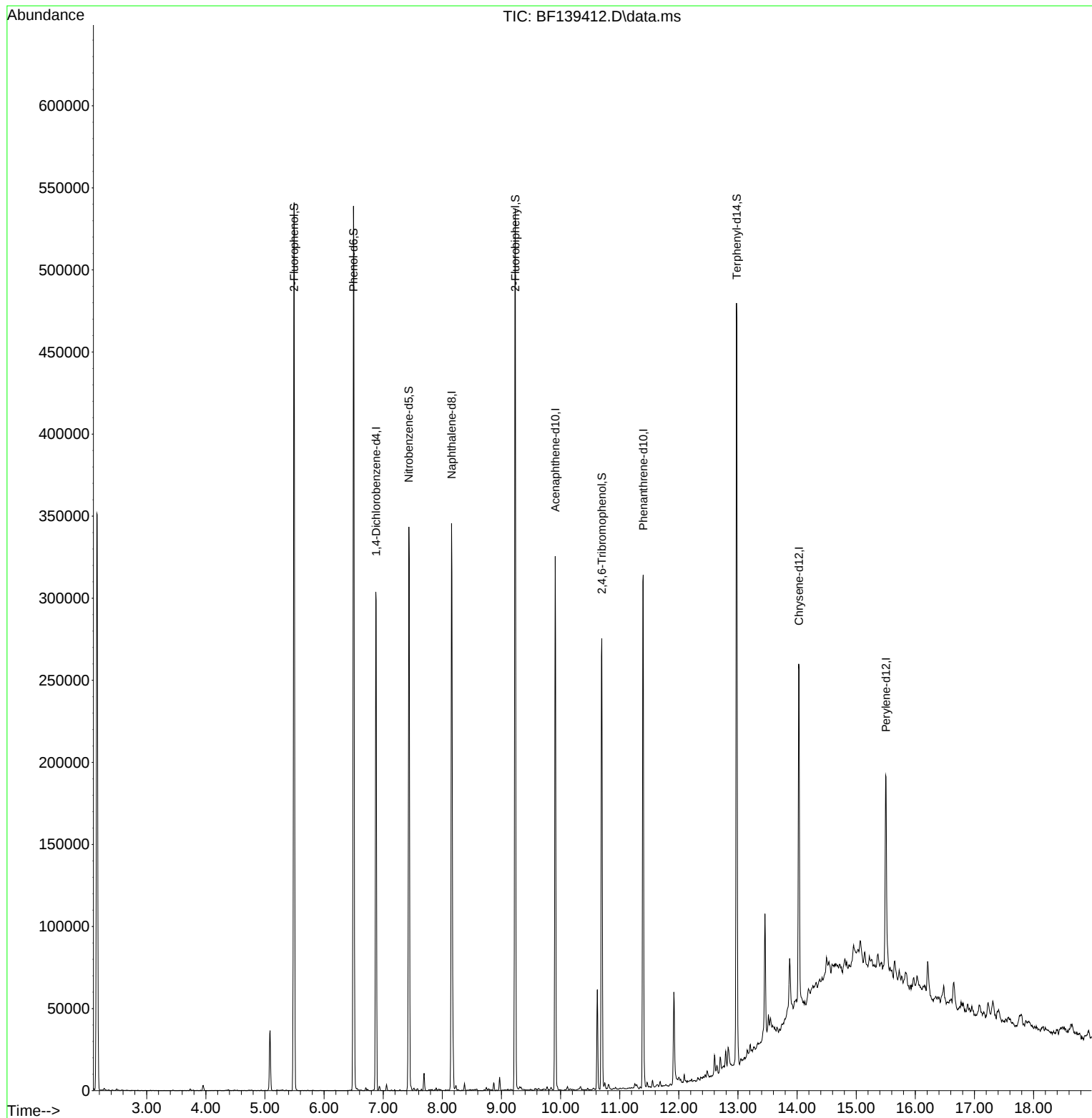
Target Compounds	Qvalue

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

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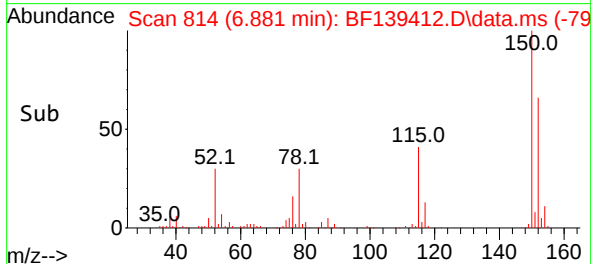
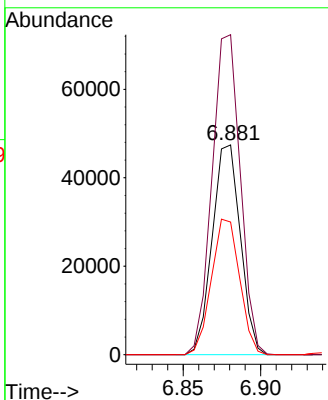
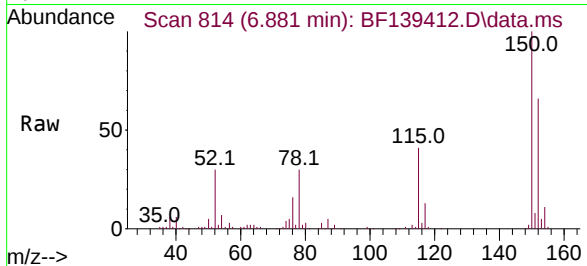




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

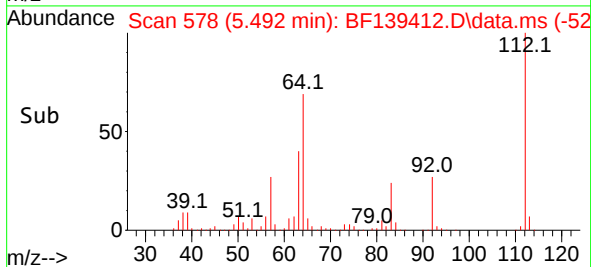
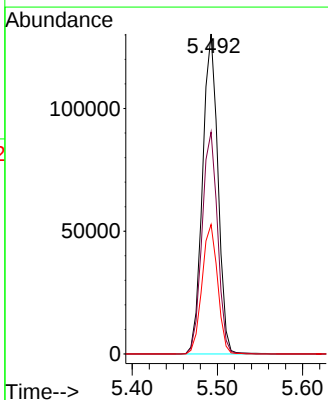
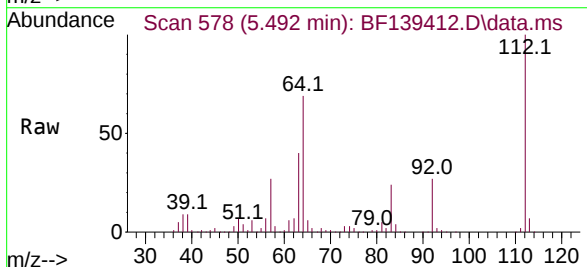
Instrument :
BNA_F
ClientSampleId :
DN-B-39

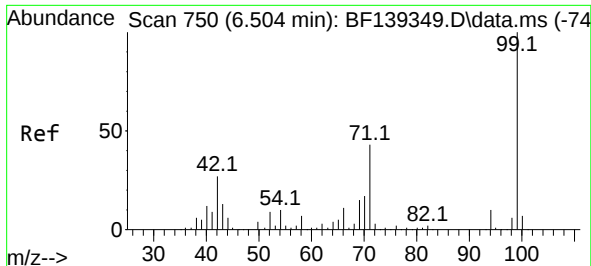
Tgt Ion:152 Resp: 59961
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 63.3 48.1 72.1



#5
2-Fluorophenol
Concen: 44.528 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion:112 Resp: 163665
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 40.5 33.0 49.4

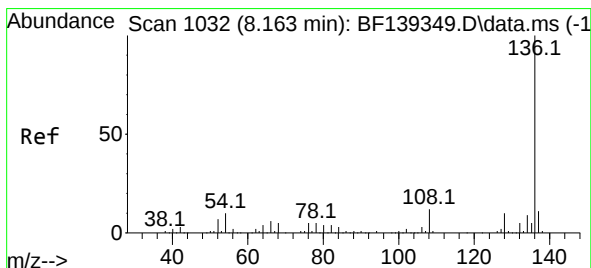
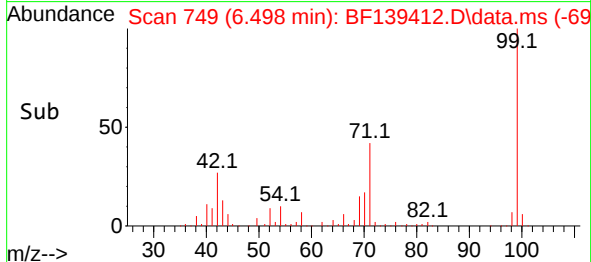
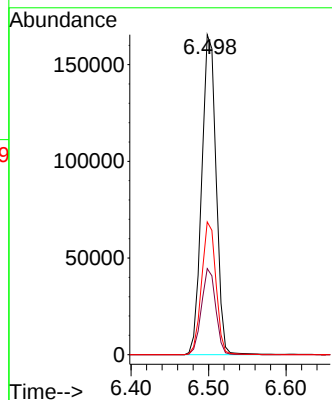
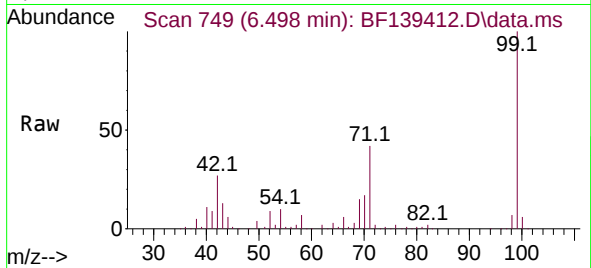




#7
Phenol-d6
Concen: 44.362 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

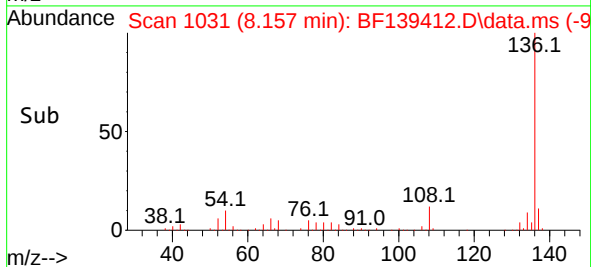
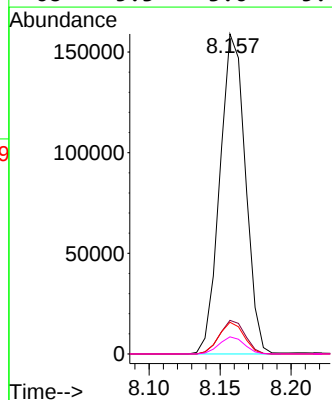
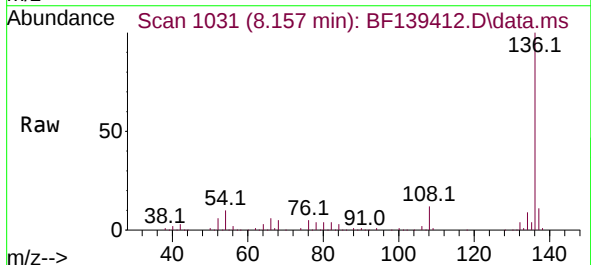
Instrument :
BNA_F
ClientSampleId :
DN-B-39

Tgt Ion: 99 Resp: 214019
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 41.5 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: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion: 136 Resp: 198820
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.9 7.8 11.8
68 5.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 33.208 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

Instrument :

BNA_F

ClientSampleId :

DN-B-39

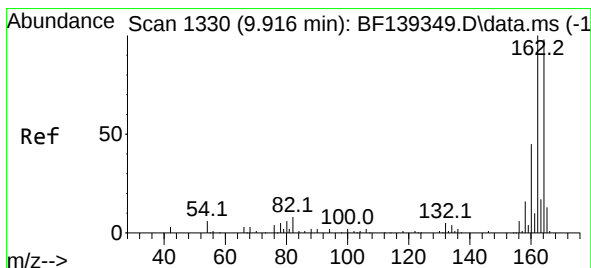
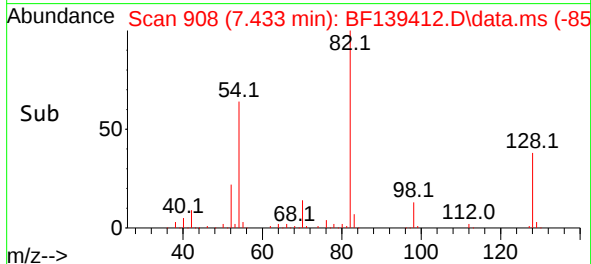
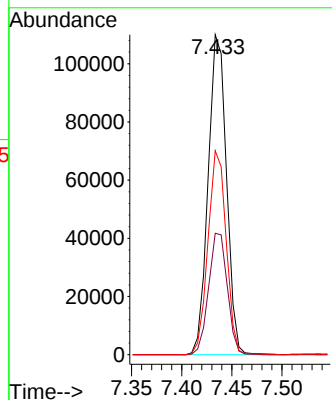
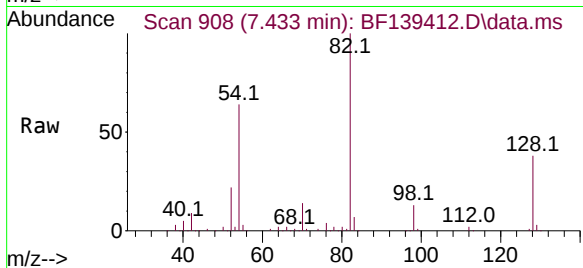
Tgt Ion: 82 Resp: 140444

Ion Ratio Lower Upper

82 100

128 38.0 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: BF139412.D

Acq: 17 Sep 2024 19:58

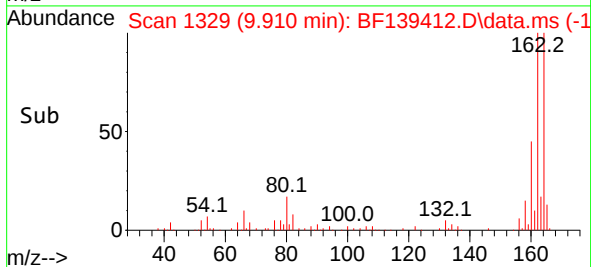
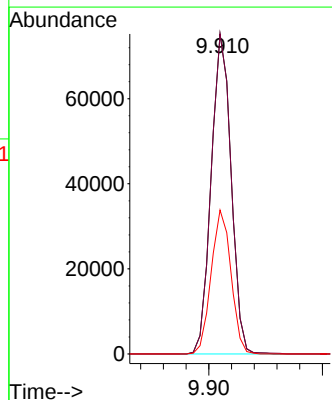
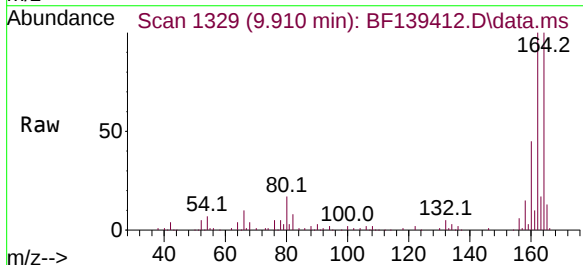
Tgt Ion:164 Resp: 91551

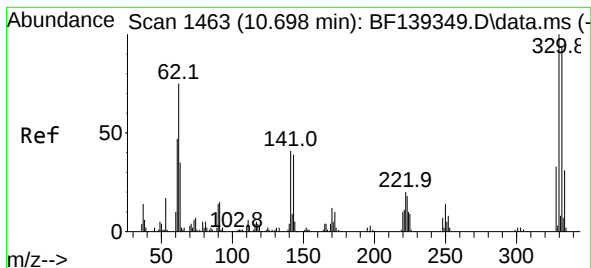
Ion Ratio Lower Upper

164 100

162 100.0 81.3 121.9

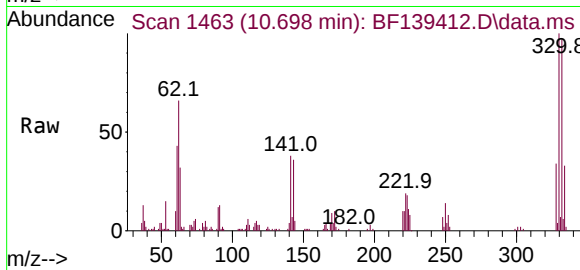
160 45.0 36.4 54.6



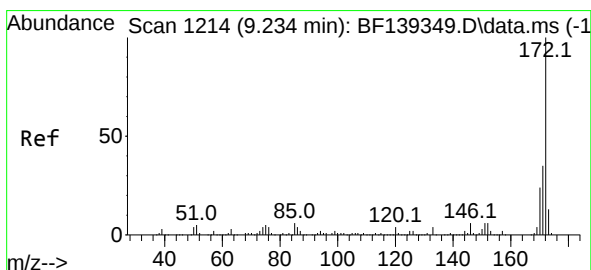
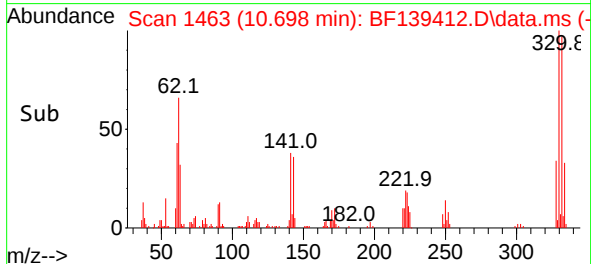
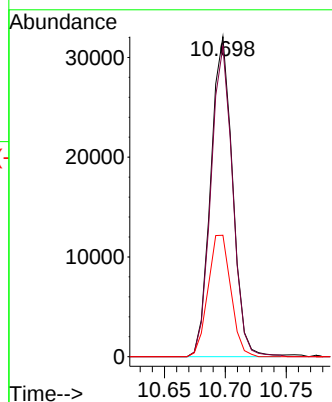


#42
2,4,6-Tribromophenol
Concen: 40.991 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Instrument :
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DN-B-39

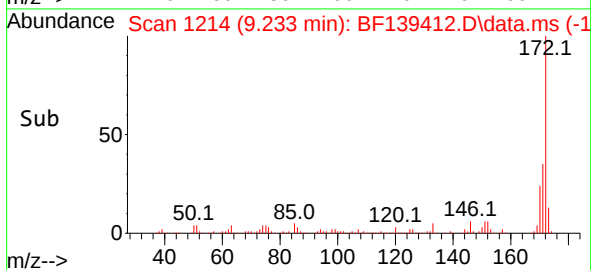
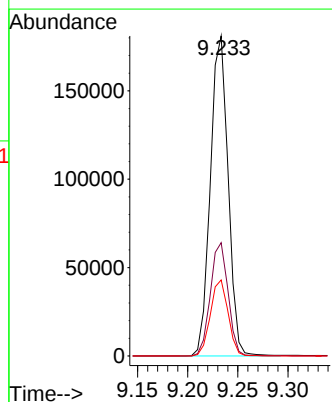
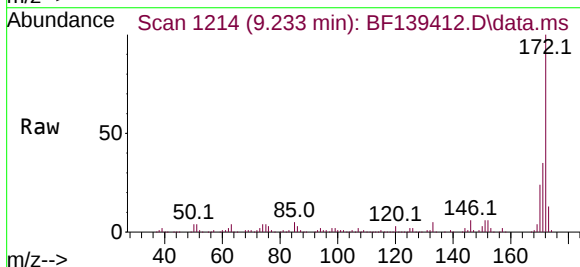


Tgt Ion: 330 Resp: 39953
Ion Ratio Lower Upper
330 100
332 96.4 75.2 112.8
141 39.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 34.244 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion: 172 Resp: 223532
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.7 19.0 28.6

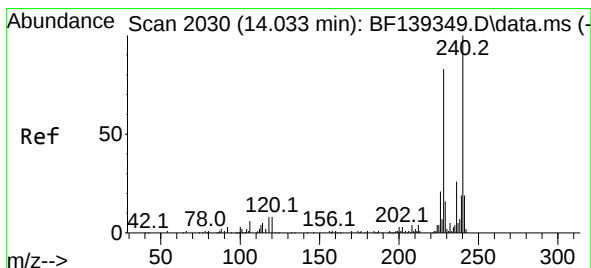
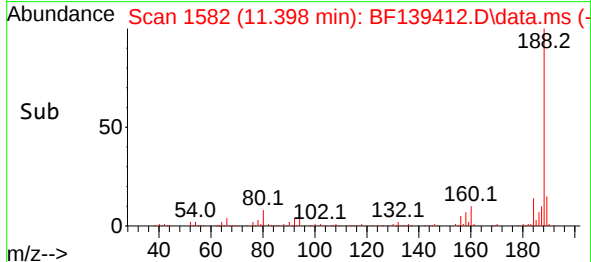
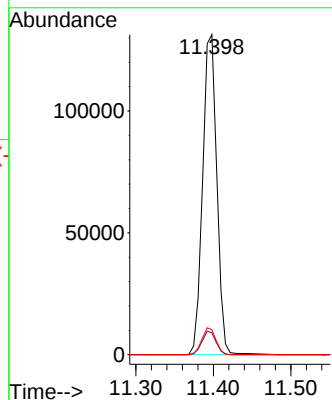
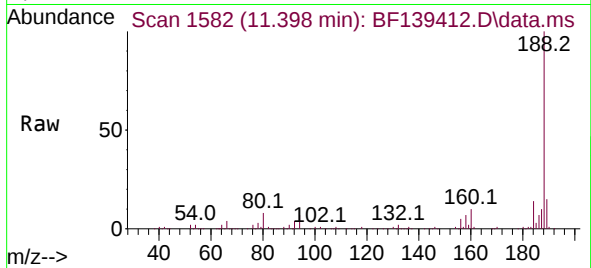




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

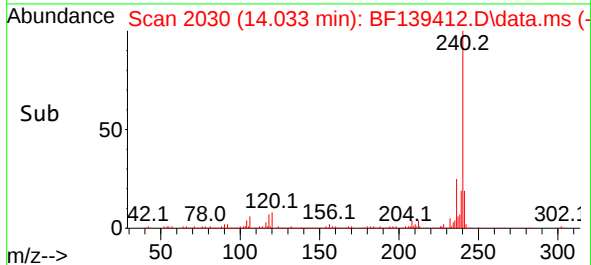
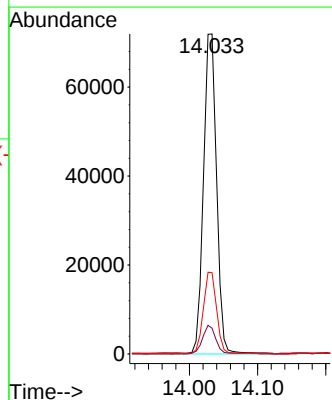
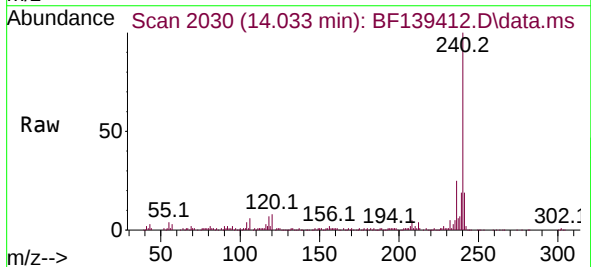
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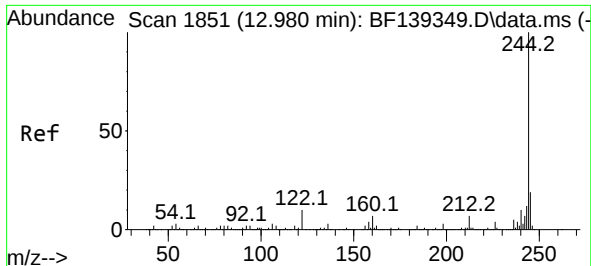
Tgt Ion:188 Resp: 166963
Ion Ratio Lower Upper
188 100
94 6.9 5.5 8.3
80 7.8 6.6 9.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion:240 Resp: 96459
Ion Ratio Lower Upper
240 100
120 8.0 6.2 9.2
236 25.4 20.9 31.3

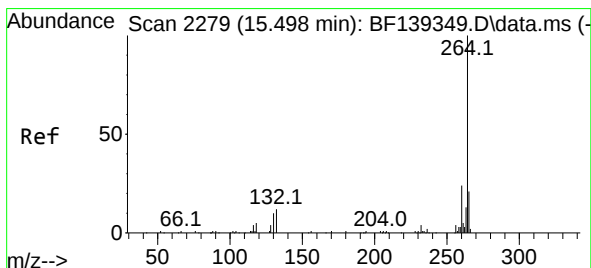
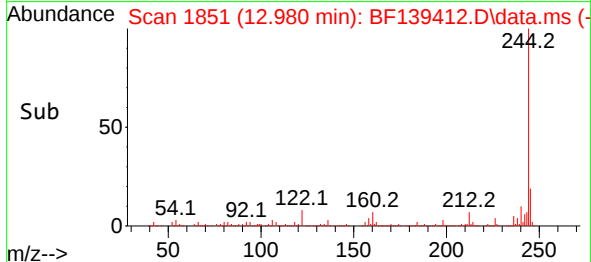
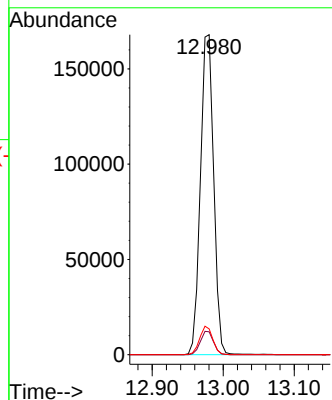
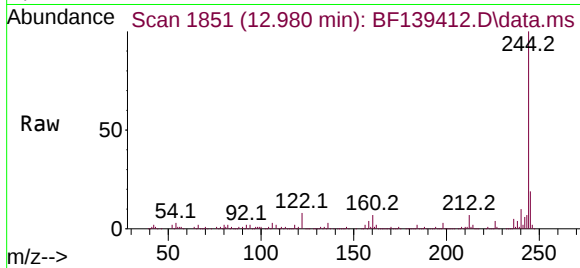




#79
 Terphenyl-d14
 Concen: 37.217 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139412.D
 Acq: 17 Sep 2024 19:58

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-39

Tgt Ion:244 Resp: 218710
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 8.1 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: BF139412.D
 Acq: 17 Sep 2024 19:58

Tgt Ion:264 Resp: 71315
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 20.7 16.6 25.0

