

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139878.D
 Acq On : 19 Oct 2024 18:18
 Operator : RC/JU
 Sample : P4425-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 21 01:42:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	205805	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	797916	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	434693	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	696781	20.000	ng	0.00
76) Chrysene-d12	14.045	240	383604	20.000	ng	0.00
86) Perylene-d12	15.527	264	380773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1482632	112.779	ng	0.02
7) Phenol-d6	6.510	99	1794080	105.369	ng	0.00
23) Nitrobenzene-d5	7.451	82	1294650	89.927	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	544366	133.883	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2213967	84.175	ng	0.00
79) Terphenyl-d14	12.998	244	1964458	83.447	ng	0.00

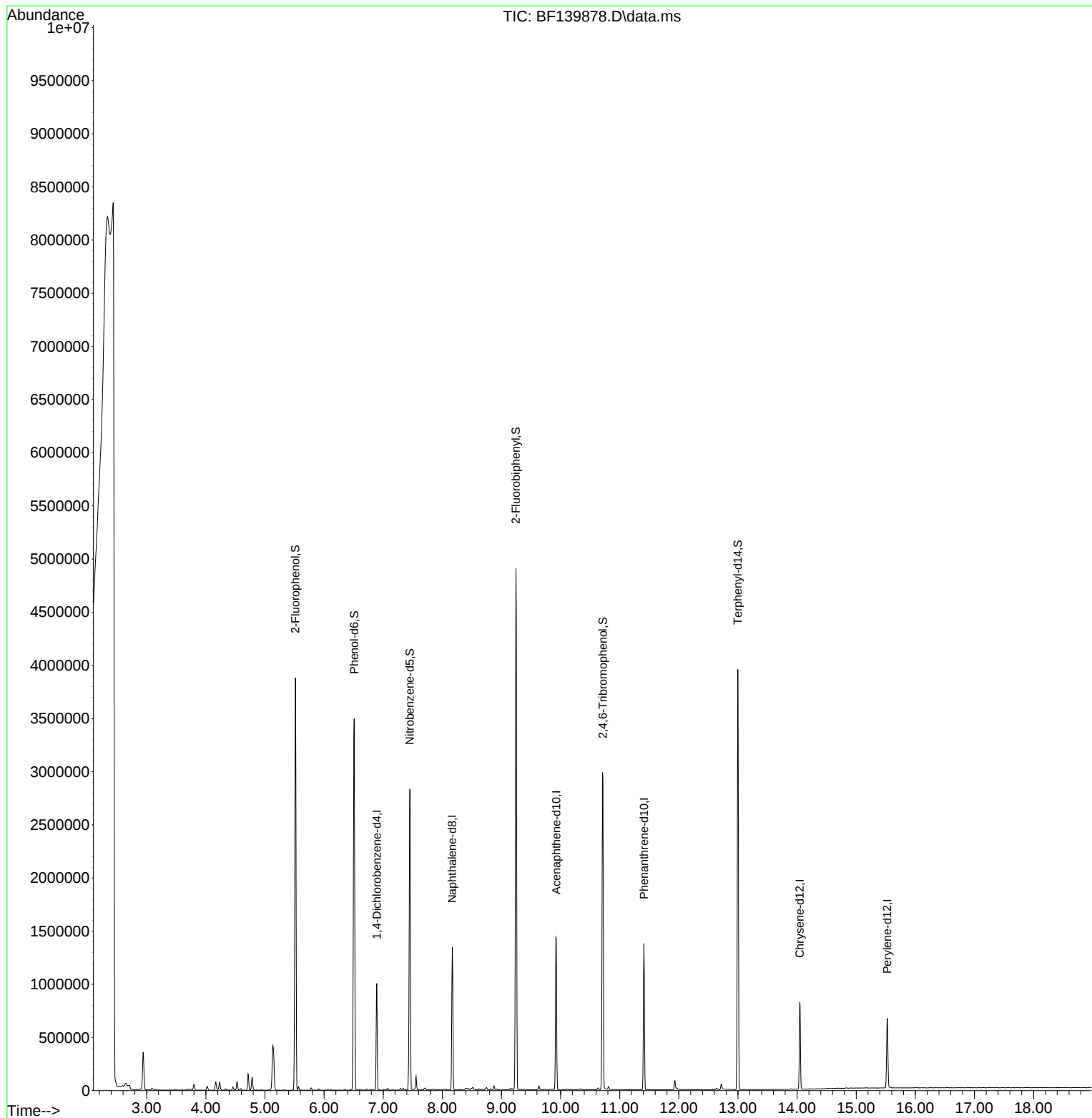
Target Compounds	Qvalue

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

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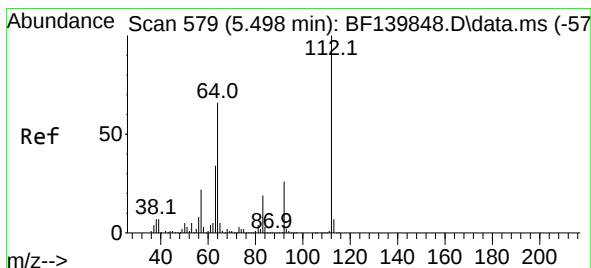
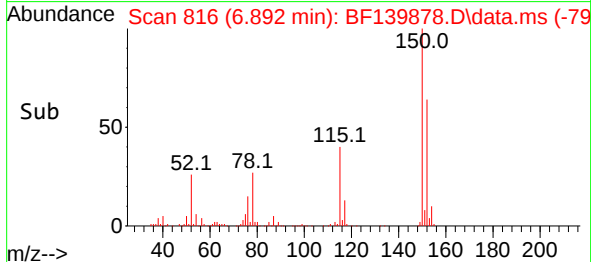
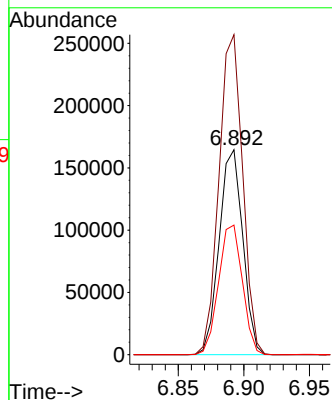
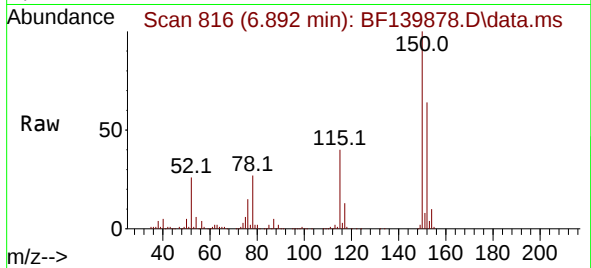




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

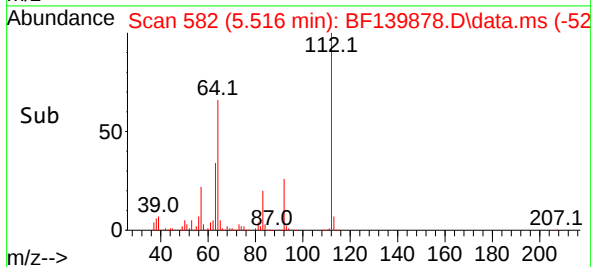
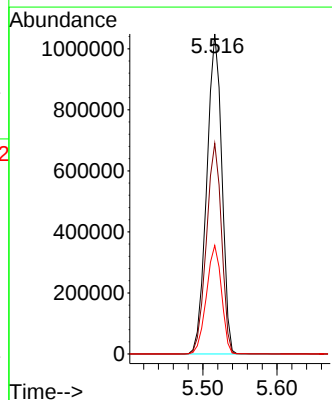
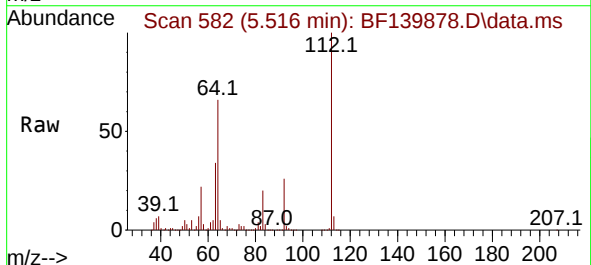
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 205805
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 112.779 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion:112 Resp: 1482632
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 33.9 27.0 40.4

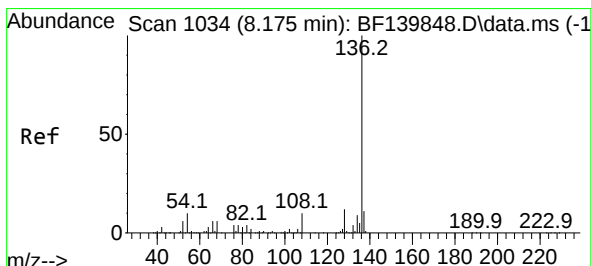
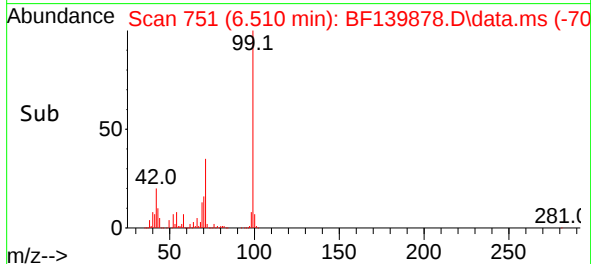
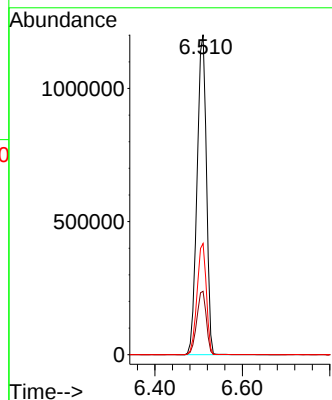
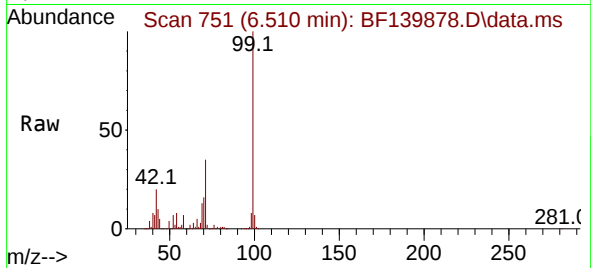




#7
Phenol-d6
Concen: 105.369 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

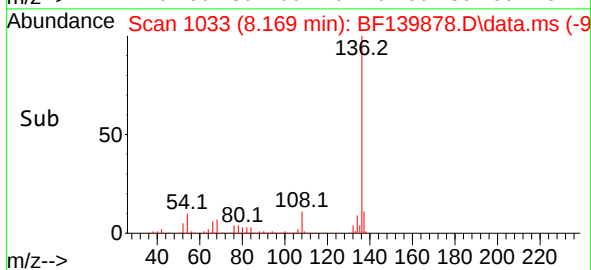
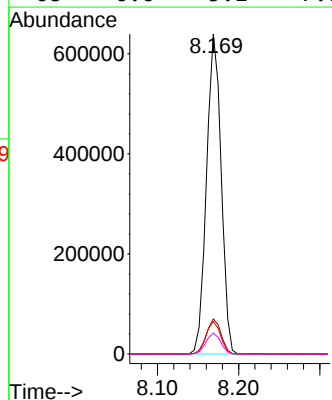
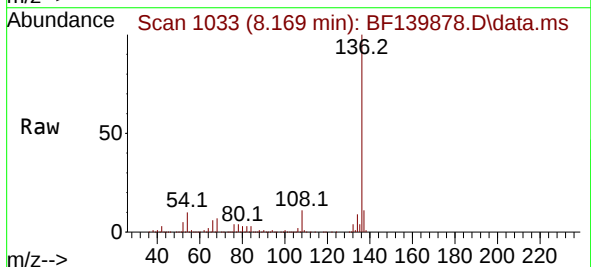
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 1794080
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion:136 Resp: 797916
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 8.4 12.6
68 6.6 5.1 7.7





#23

Nitrobenzene-d5

Concen: 89.927 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

Instrument :

BNA_F

ClientSampleId :

TP-4

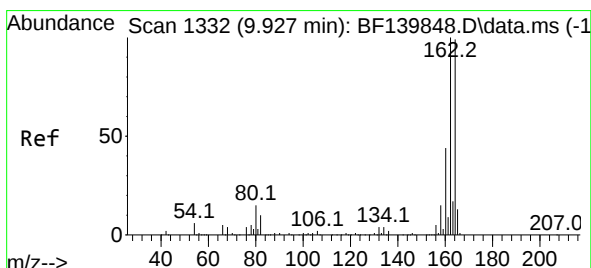
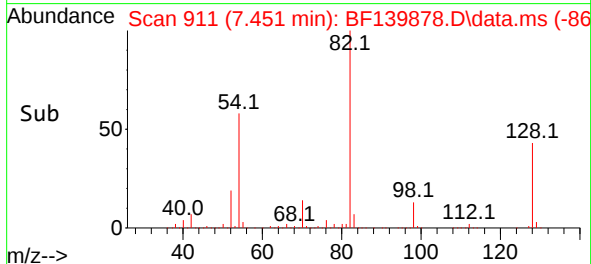
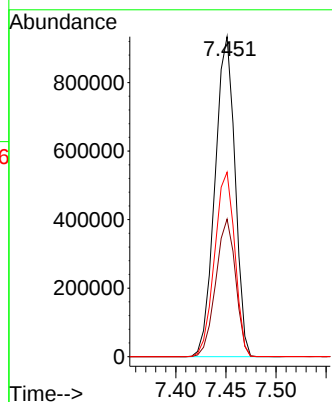
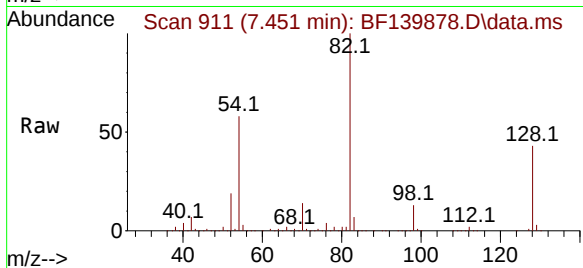
Tgt Ion: 82 Resp: 1294650

Ion Ratio Lower Upper

82 100

128 43.0 33.4 50.0

54 57.7 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

Delta R.T. 0.000 min

Lab File: BF139878.D

Acq: 19 Oct 2024 18:18

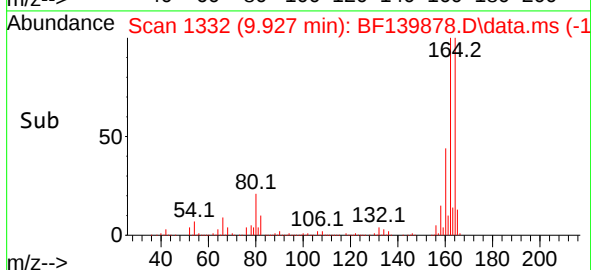
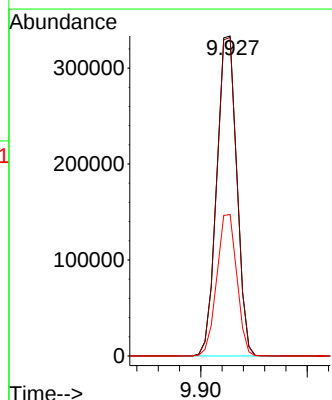
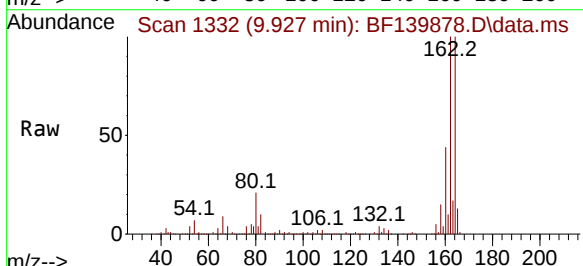
Tgt Ion:164 Resp: 434693

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.4

160 44.2 35.4 53.0

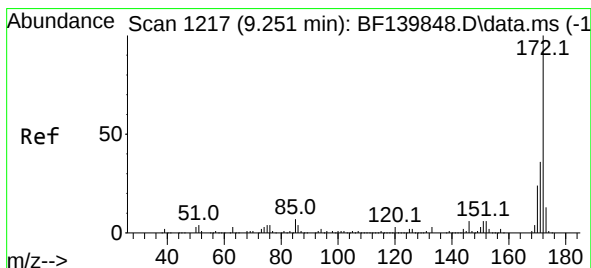
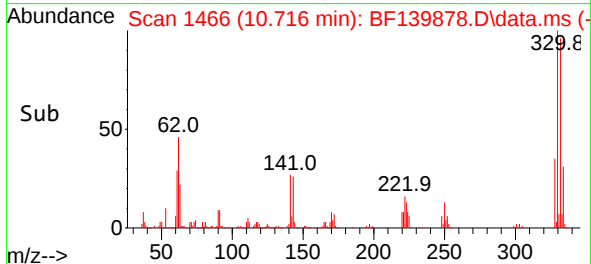
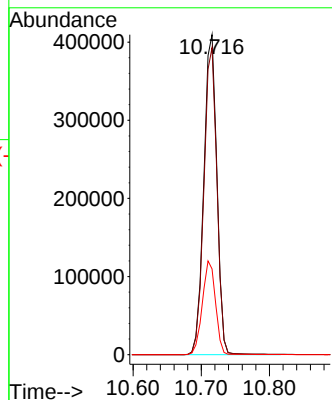
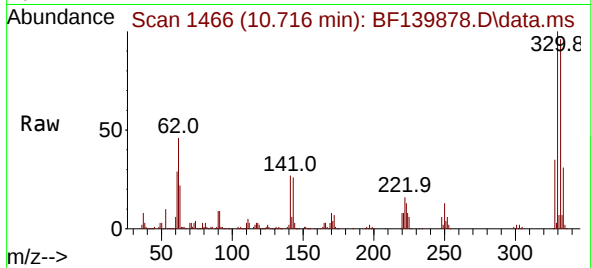




#42
 2,4,6-Tribromophenol
 Concen: 133.883 ng
 RT: 10.716 min Scan# 1466
 Delta R.T. 0.000 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

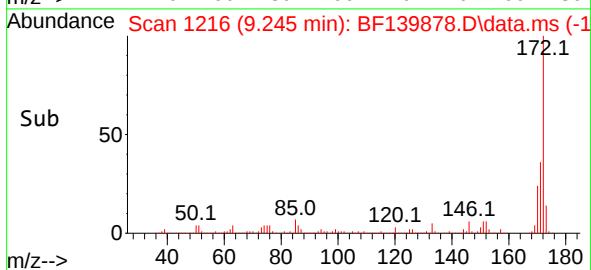
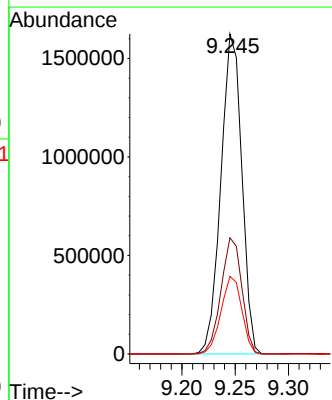
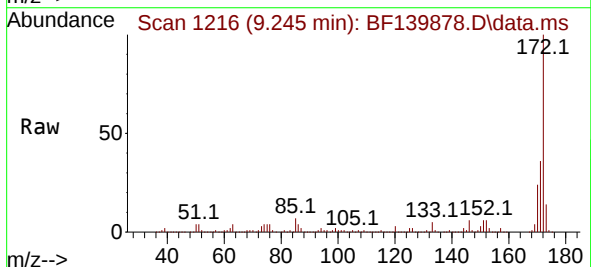
Instrument :
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 TP-4

Tgt Ion:330 Resp: 544366
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.1 117.1
 141 29.6 26.6 39.8



#45
 2-Fluorobiphenyl
 Concen: 84.175 ng
 RT: 9.245 min Scan# 1216
 Delta R.T. -0.006 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

Tgt Ion:172 Resp: 2213967
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 19.1 28.7

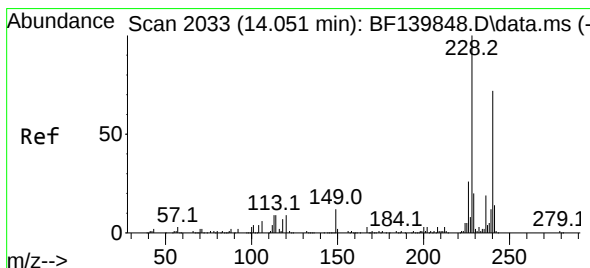
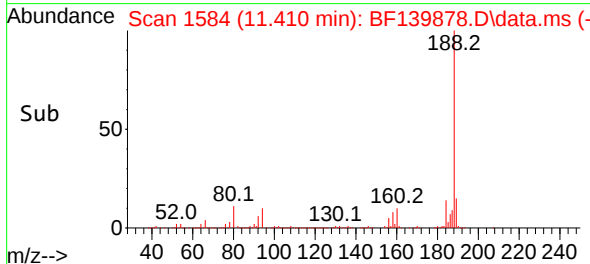
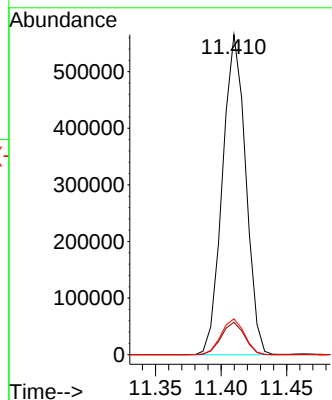
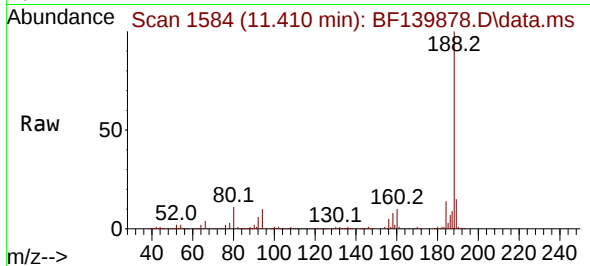




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

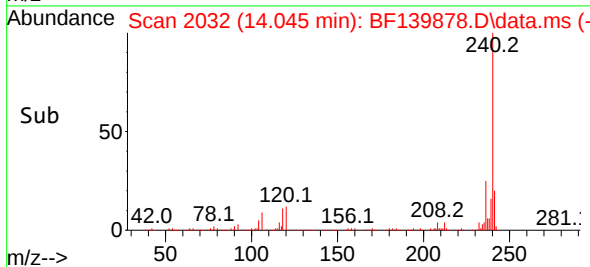
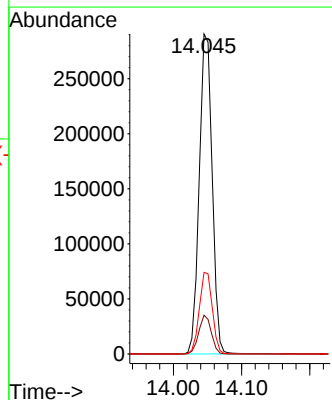
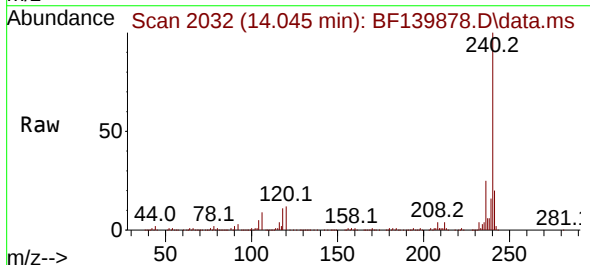
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:188 Resp: 696781
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139878.D
Acq: 19 Oct 2024 18:18

Tgt Ion:240 Resp: 383604
Ion Ratio Lower Upper
240 100
120 12.1 9.4 14.2
236 25.5 20.9 31.3

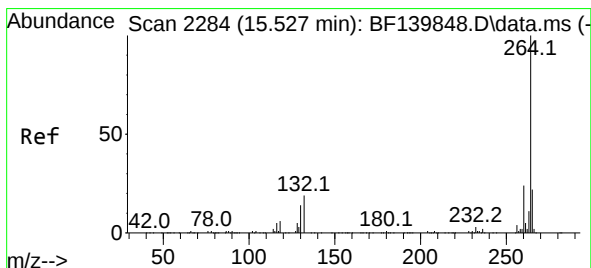
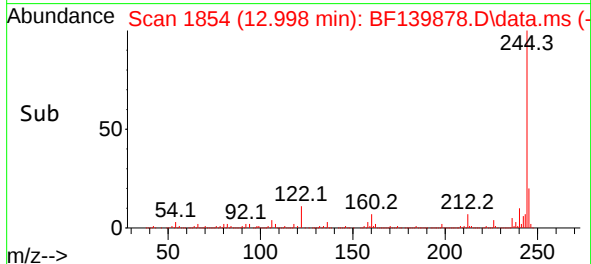
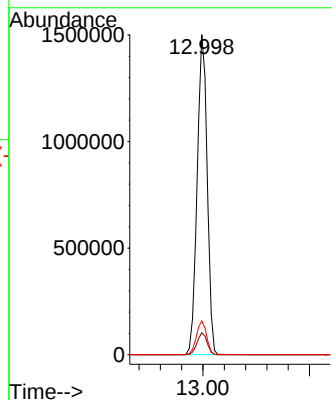
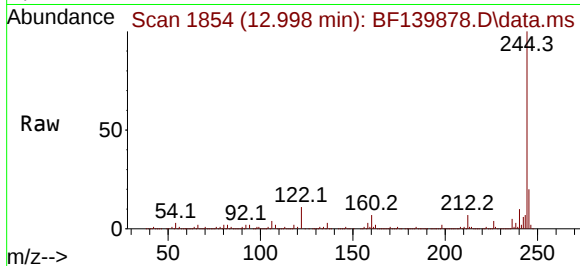




#79
 Terphenyl-d14
 Concen: 83.447 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1964458
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139878.D
 Acq: 19 Oct 2024 18:18

Tgt Ion:264 Resp: 380773
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.3 17.4 26.0

