

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139879.D
Acq On : 19 Oct 2024 18:46
Operator : RC/JU
Sample : P4425-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5

Quant Time: Oct 21 01:42:57 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	195941	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	751190	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	414555	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	687642	20.000	ng	0.00
76) Chrysene-d12	14.045	240	376430	20.000	ng	0.00
86) Perylene-d12	15.527	264	359501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1432673	114.465	ng	0.02
7) Phenol-d6	6.510	99	1706543	105.273	ng	0.00
23) Nitrobenzene-d5	7.451	82	1222677	90.210	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	521120	134.392	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2135225	85.125	ng	0.00
79) Terphenyl-d14	12.998	244	1972518	85.386	ng	0.00

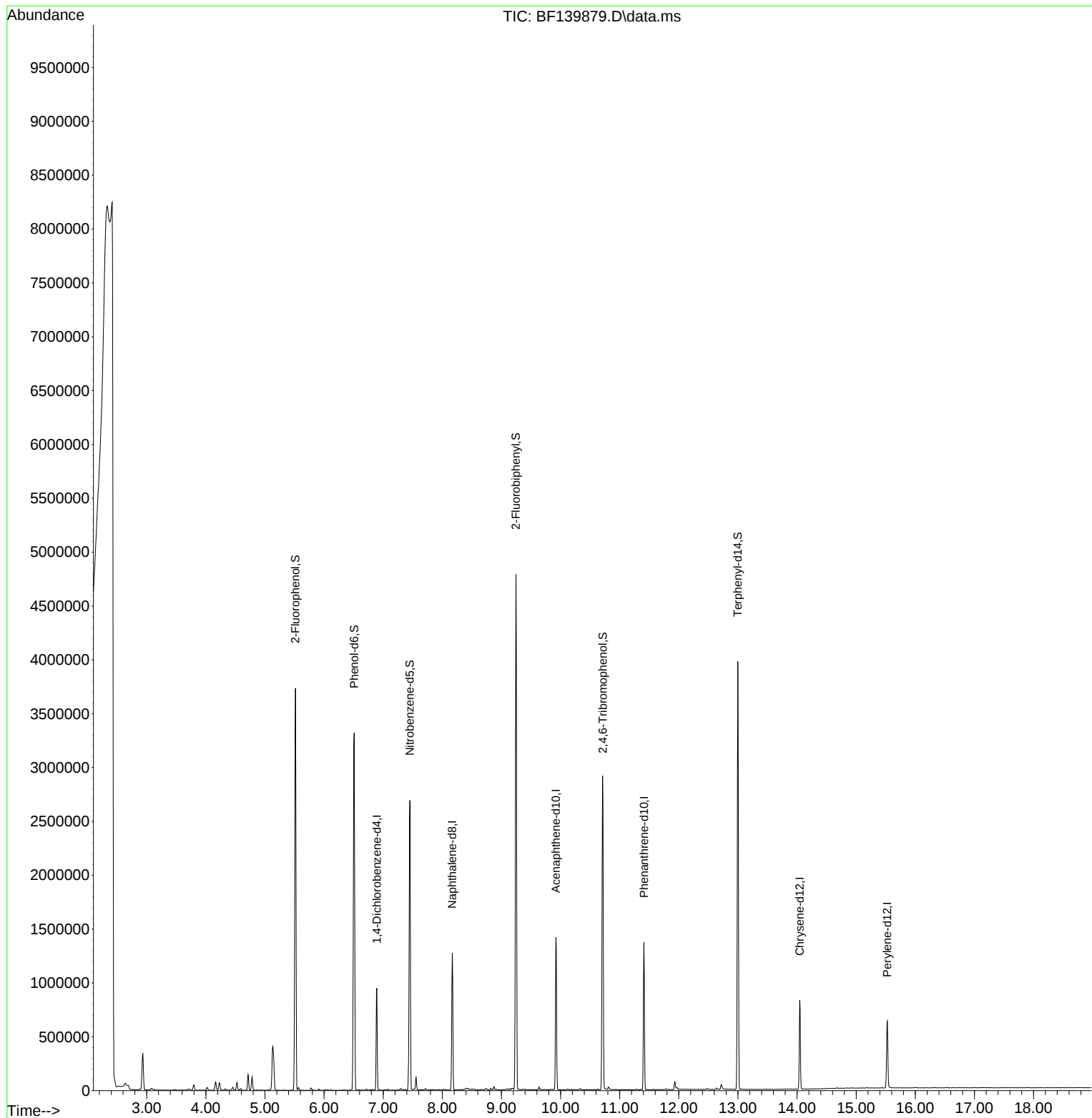
Target Compounds	Qvalue

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

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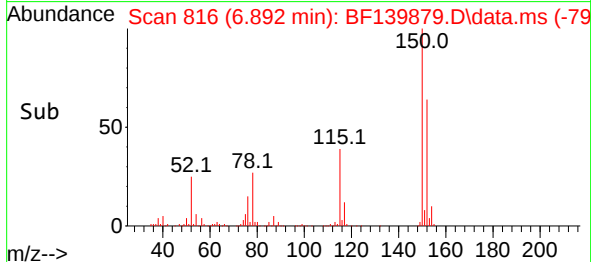
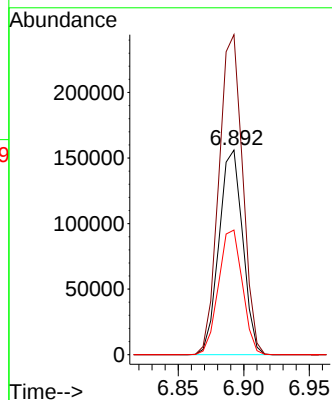
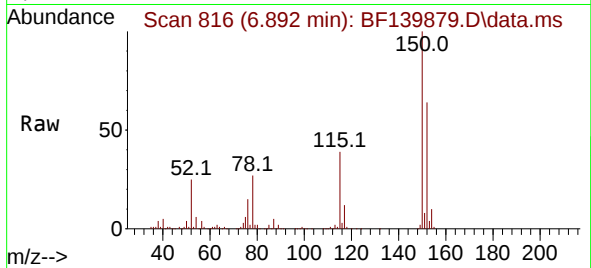




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

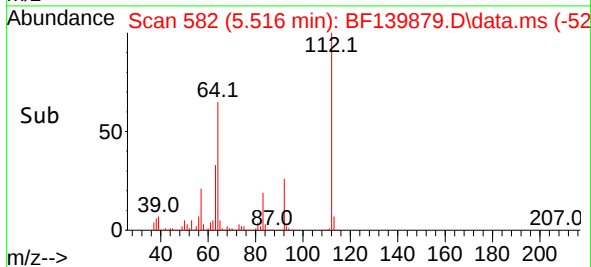
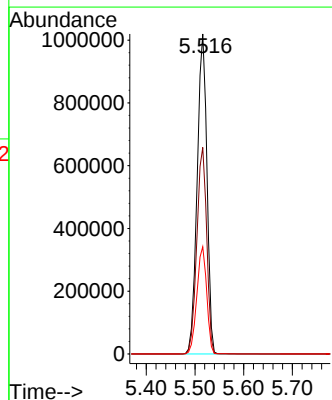
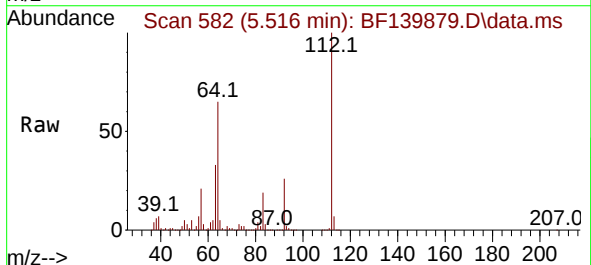
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:152 Resp: 195941
Ion Ratio Lower Upper
152 100
150 156.4 130.2 195.2
115 60.9 51.4 77.2



#5
2-Fluorophenol
Concen: 114.465 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:112 Resp: 1432673
Ion Ratio Lower Upper
112 100
64 64.6 53.0 79.6
63 33.5 27.0 40.4





#7
Phenol-d6
Concen: 105.273 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

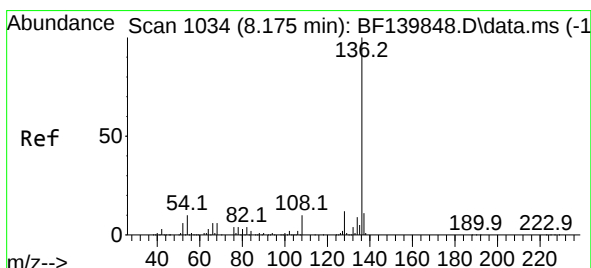
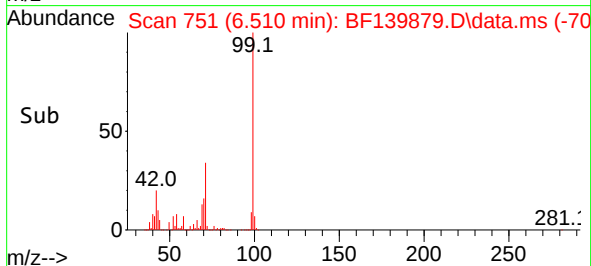
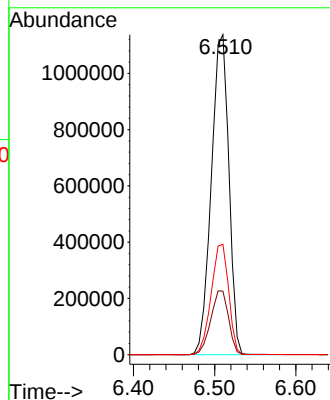
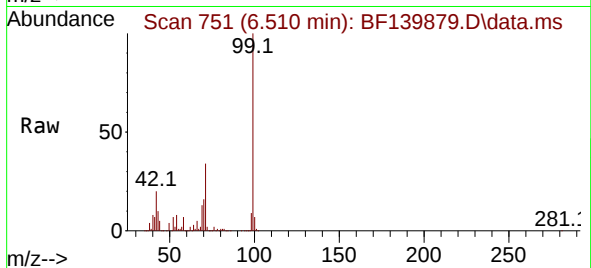
Instrument :

BNA_F

ClientSampleId :

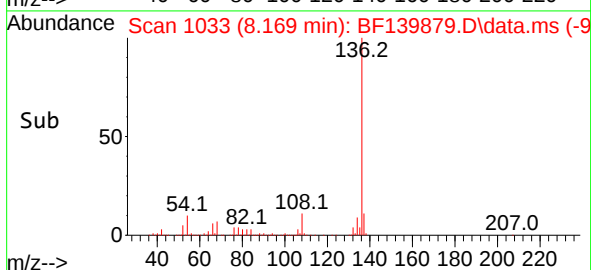
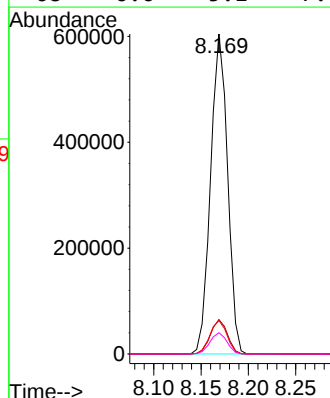
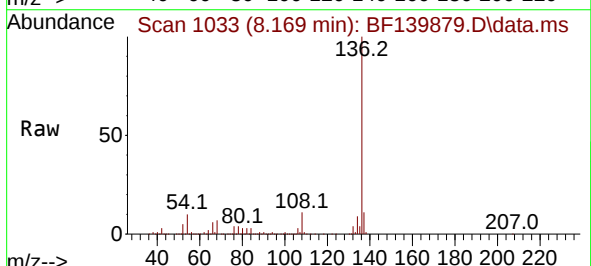
TP-5

Tgt Ion: 99 Resp: 1706543
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 34.5 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: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion: 136 Resp: 751190
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.5 8.4 12.6
68 6.6 5.1 7.7

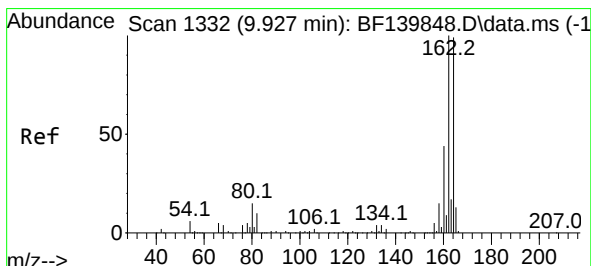
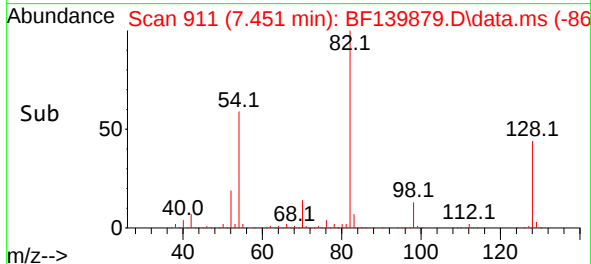
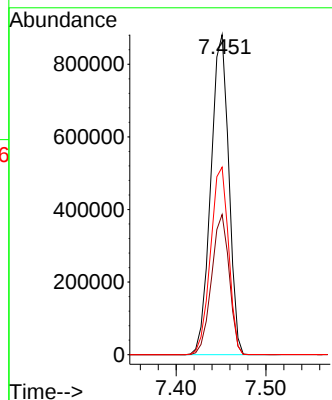
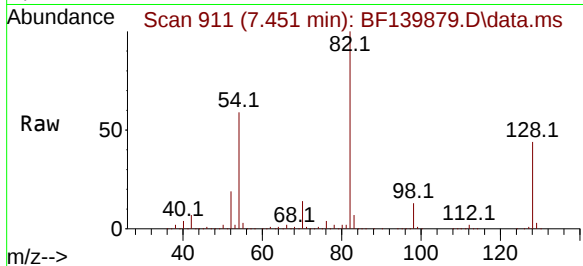




#23
Nitrobenzene-d5
Concen: 90.210 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

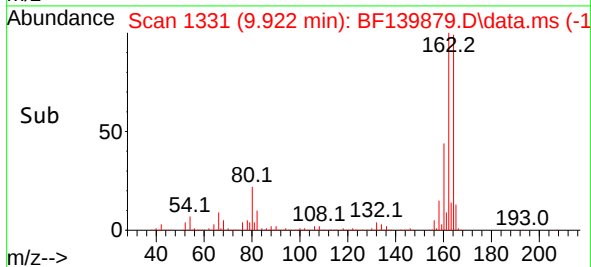
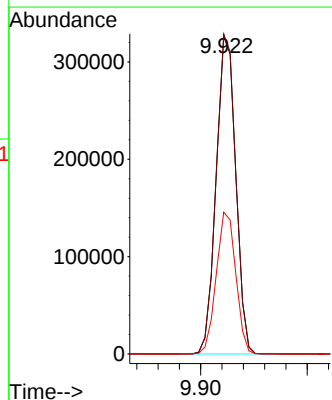
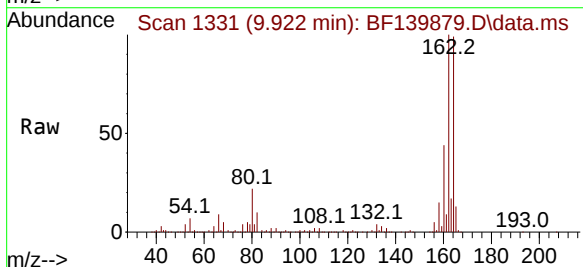
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 82 Resp: 1222677
Ion Ratio Lower Upper
82 100
128 43.8 33.4 50.0
54 58.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:164 Resp: 414555
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 134.392 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139879.D

Acq: 19 Oct 2024 18:46

Instrument :

BNA_F

ClientSampleId :

TP-5

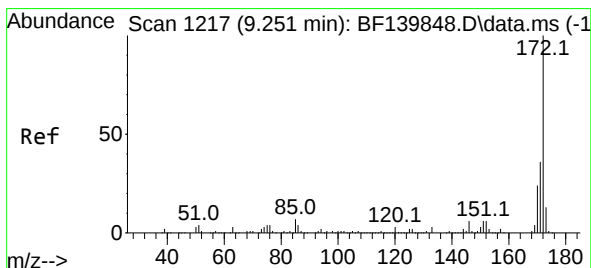
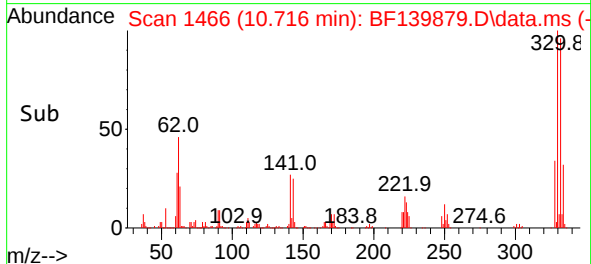
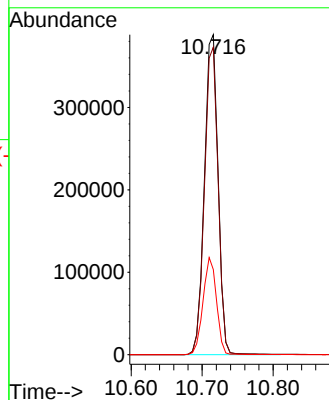
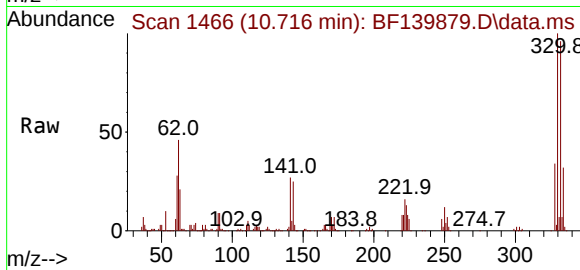
Tgt Ion:330 Resp: 521120

Ion Ratio Lower Upper

330 100

332 96.1 78.1 117.1

141 30.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.125 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139879.D

Acq: 19 Oct 2024 18:46

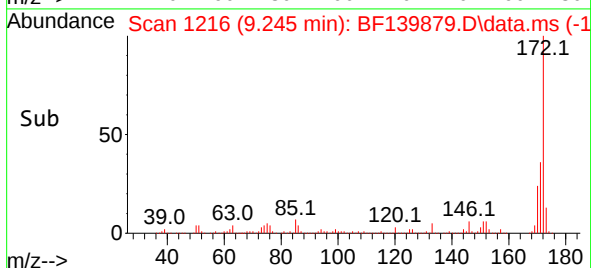
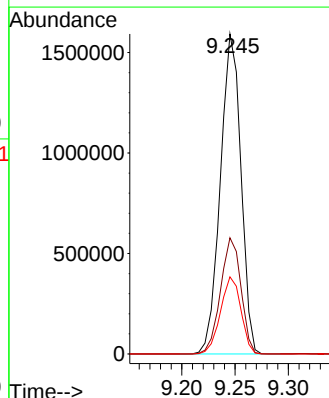
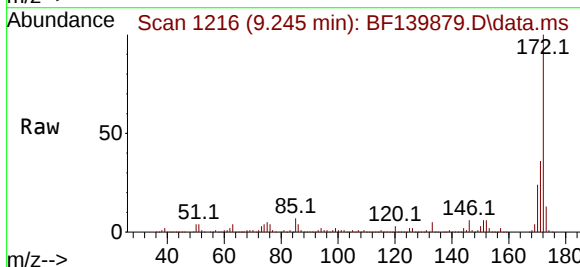
Tgt Ion:172 Resp: 2135225

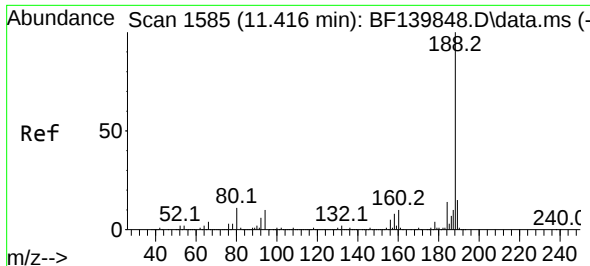
Ion Ratio Lower Upper

172 100

171 36.3 28.6 43.0

170 24.1 19.1 28.7

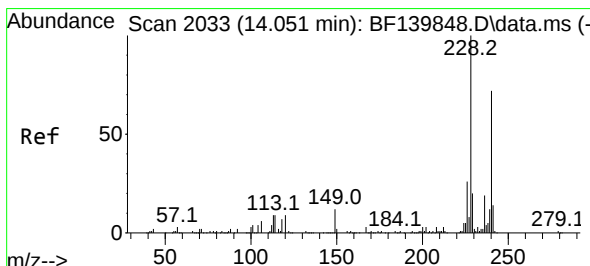
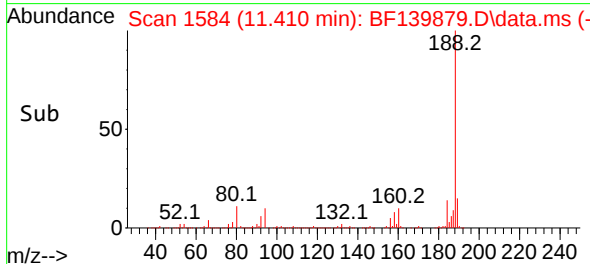
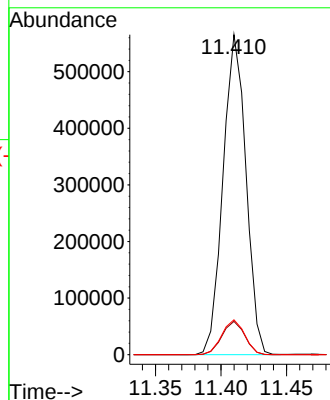
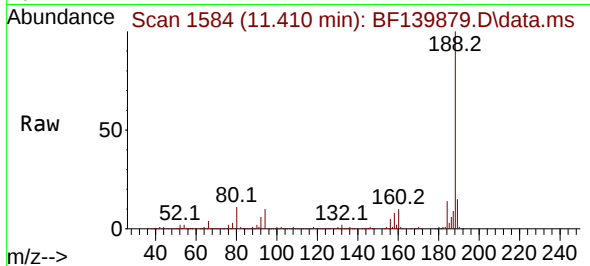




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139879.D
Acq: 19 Oct 2024 18:46

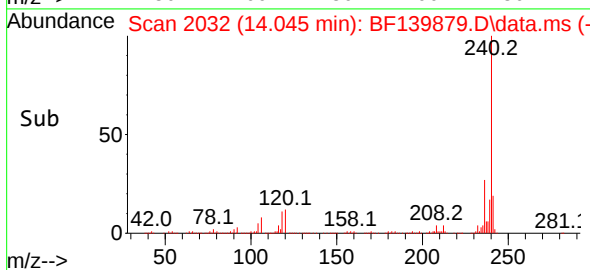
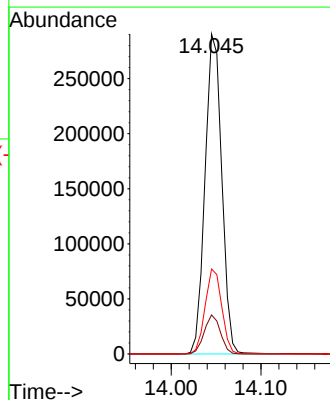
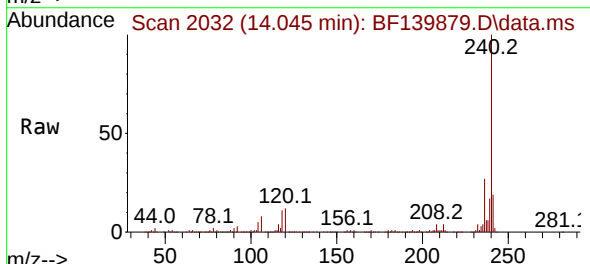
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion:188 Resp: 687642
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 10.9 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: BF139879.D
Acq: 19 Oct 2024 18:46

Tgt Ion:240 Resp: 376430
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 26.5 20.9 31.3

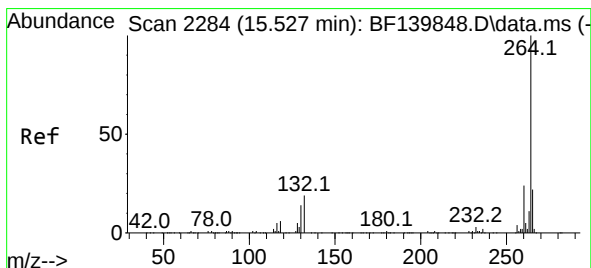
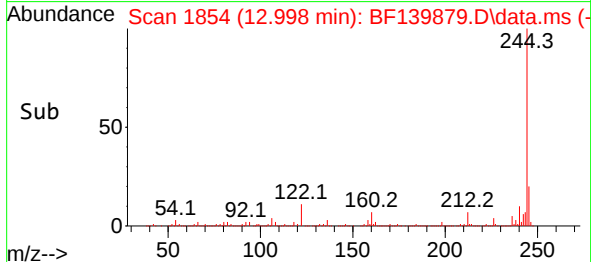
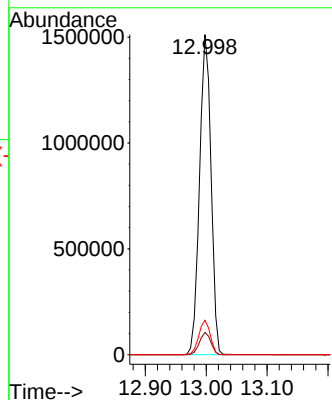
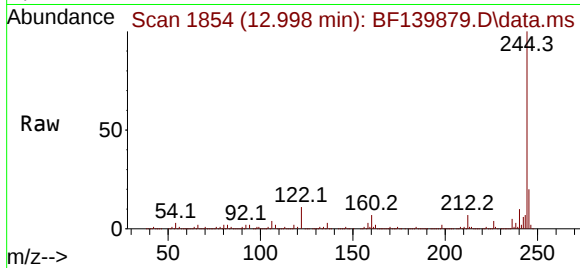




#79
 Terphenyl-d14
 Concen: 85.386 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139879.D
 Acq: 19 Oct 2024 18:46

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1972518
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.8 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: BF139879.D
 Acq: 19 Oct 2024 18:46

Tgt Ion:264 Resp: 359501
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.2 17.4 26.0

