

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140187.D
 Acq On : 31 Oct 2024 14:21
 Operator : RC/JU
 Sample : P4611-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 31 15:06:08 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	6.887	152	104041	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	407225	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	233661	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	417181	20.000	ng	0.00
76) Chrysene-d12	14.080	240	228343	20.000	ng	0.03
86) Perylene-d12	15.610	264	189639	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	804652	121.075	ng	0.01
7) Phenol-d6	6.510	99	952781	110.692	ng	0.00
23) Nitrobenzene-d5	7.445	82	783768	106.671	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	364023	166.556	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1357660	96.028	ng	-0.01
79) Terphenyl-d14	13.010	244	1446669	103.236	ng	0.01

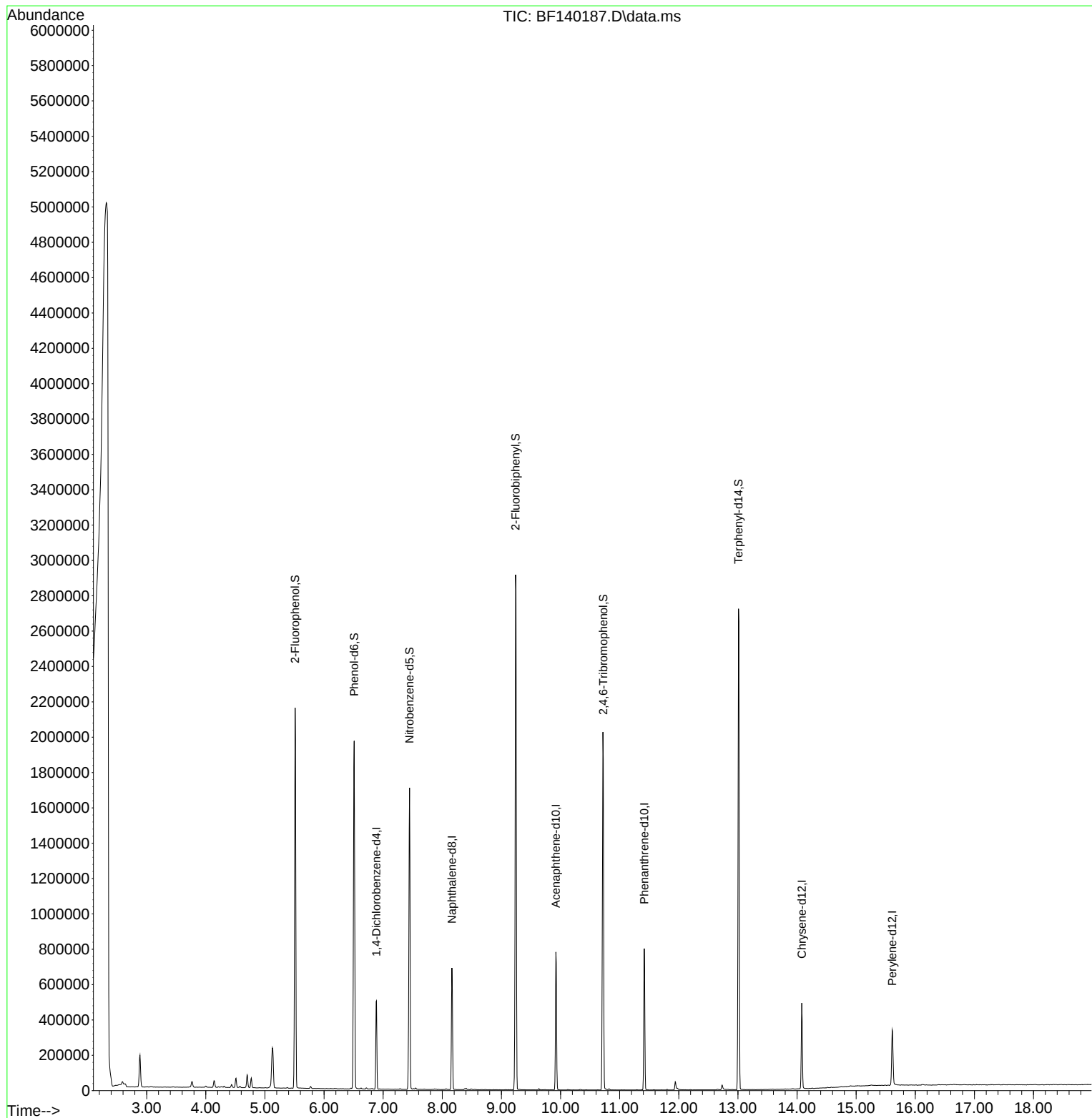
Target Compounds	Qvalue

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

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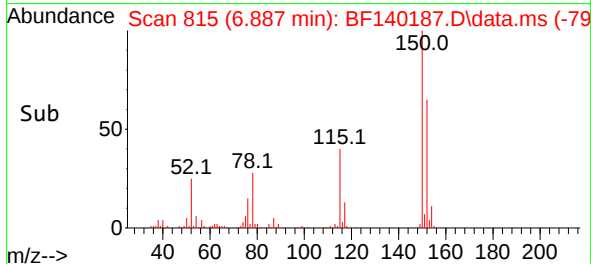
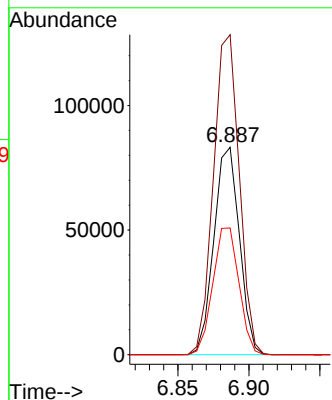
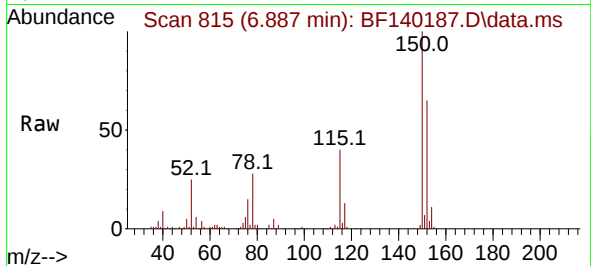




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

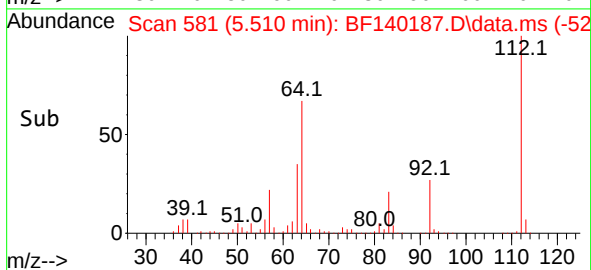
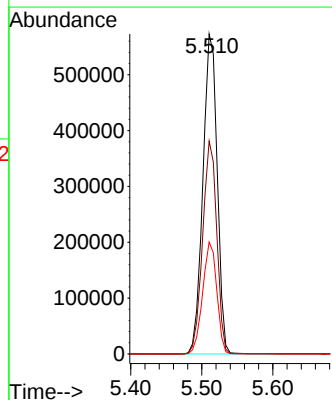
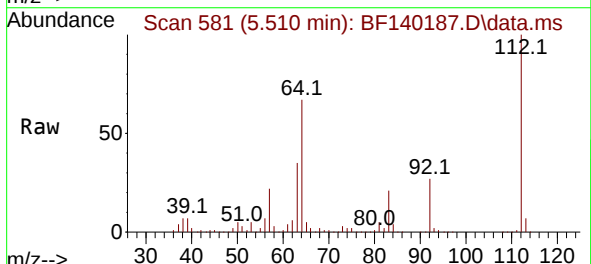
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 104041
Ion Ratio Lower Upper
152 100
150 154.3 130.2 195.2
115 61.1 51.4 77.2



#5
2-Fluorophenol
Concen: 121.075 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Tgt Ion:112 Resp: 804652
Ion Ratio Lower Upper
112 100
64 66.5 53.0 79.6
63 35.0 27.0 40.4

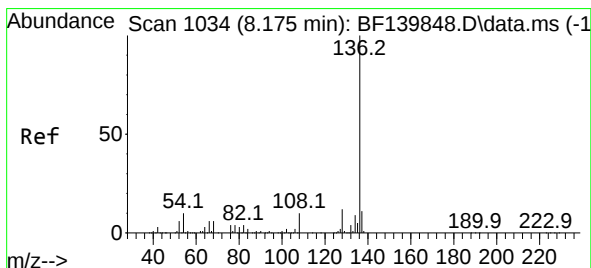
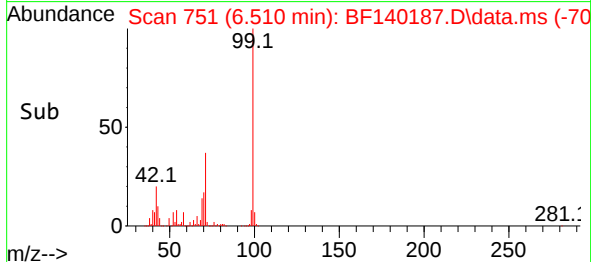
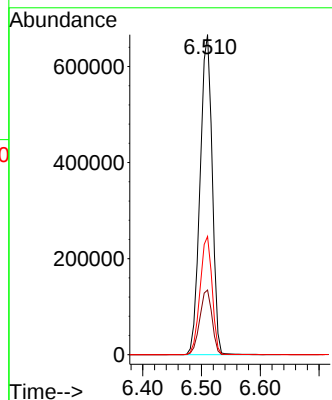
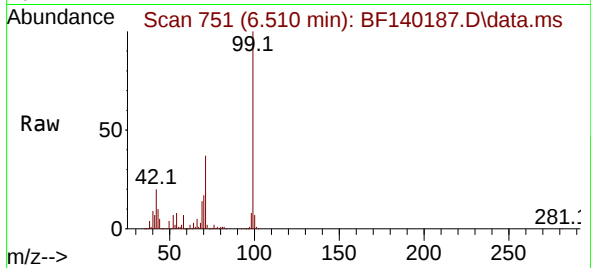




#7
Phenol-d6
Concen: 110.692 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

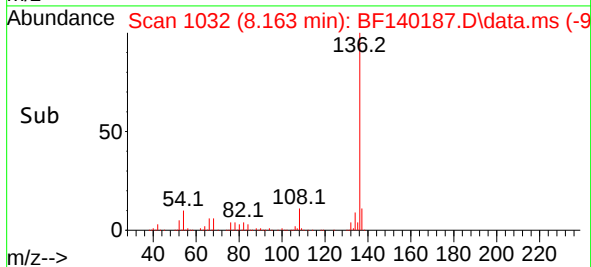
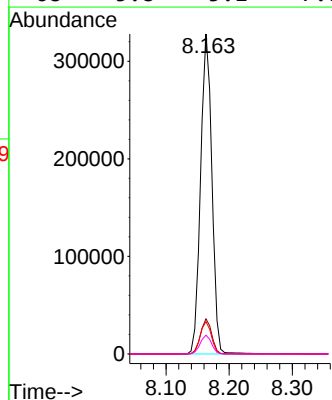
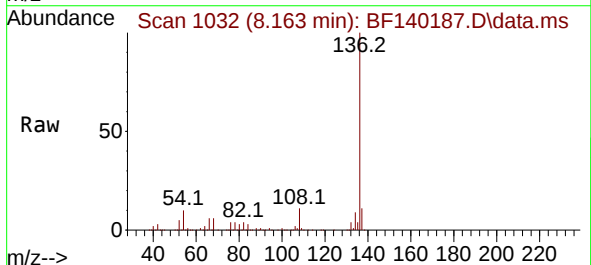
Instrument :
BNA_F
ClientSampleId :
TP-1

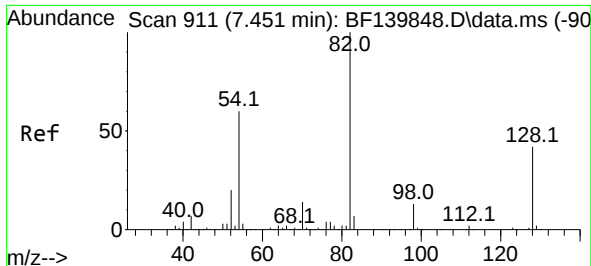
Tgt Ion: 99 Resp: 952781
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 37.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Tgt Ion: 136 Resp: 407225
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.1 8.4 12.6
68 5.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 106.671 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140187.D

Acq: 31 Oct 2024 14:21

Instrument :

BNA_F

ClientSampleId :

TP-1

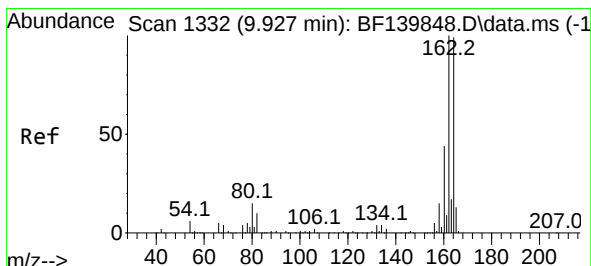
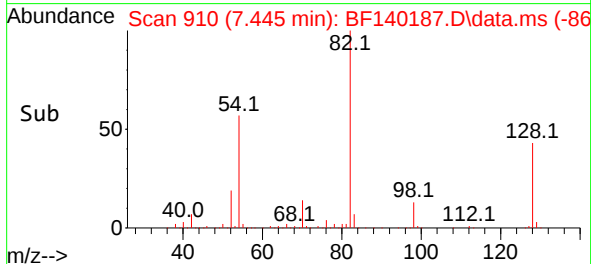
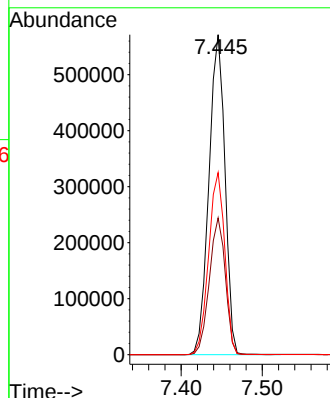
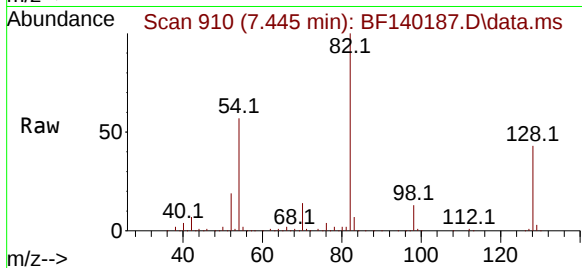
Tgt Ion: 82 Resp: 783768

Ion Ratio Lower Upper

82 100

128 42.8 33.4 50.0

54 56.9 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: BF140187.D

Acq: 31 Oct 2024 14:21

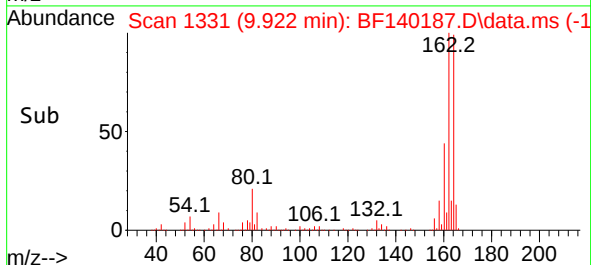
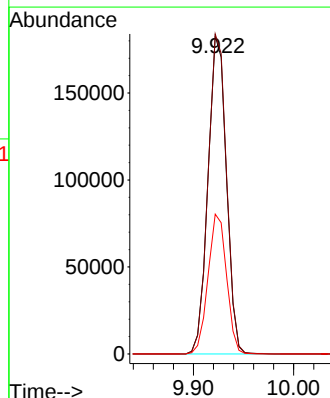
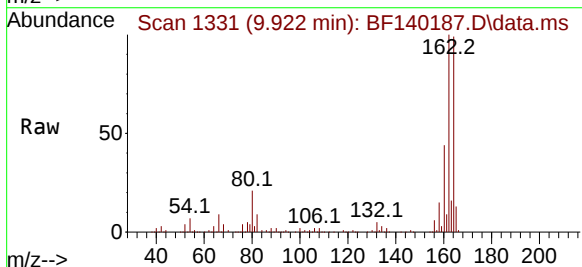
Tgt Ion:164 Resp: 233661

Ion Ratio Lower Upper

164 100

162 100.7 81.0 121.4

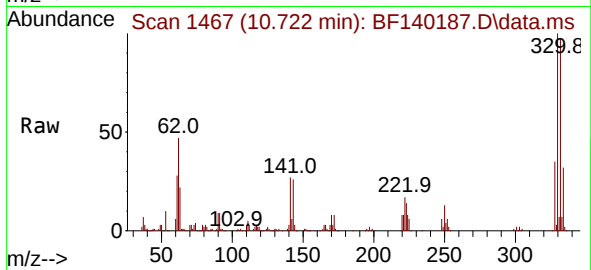
160 44.0 35.4 53.0



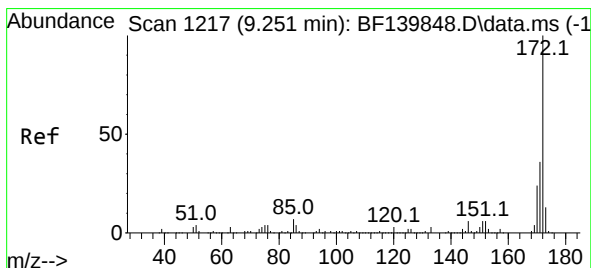
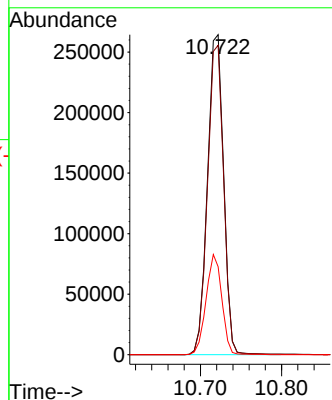
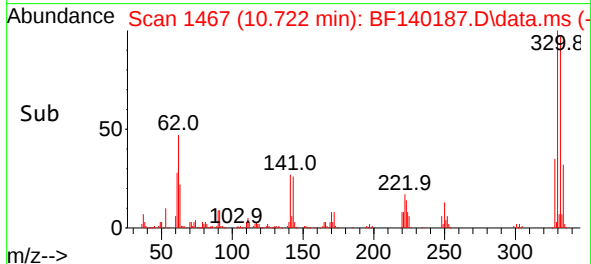


#42
2,4,6-Tribromophenol
Concen: 166.556 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Instrument :
BNA_F
ClientSampleId :
TP-1

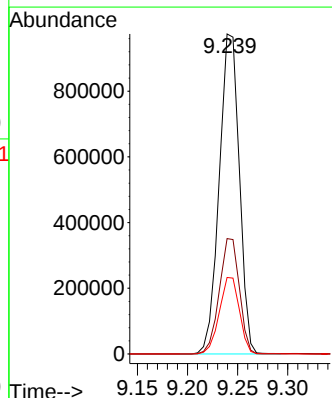
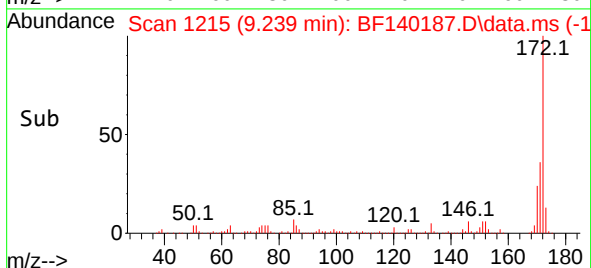
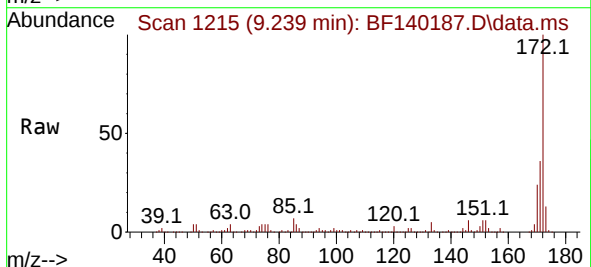


Tgt Ion: 330 Resp: 364023
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 30.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 96.028 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Tgt Ion: 172 Resp: 1357660
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 19.1 28.7

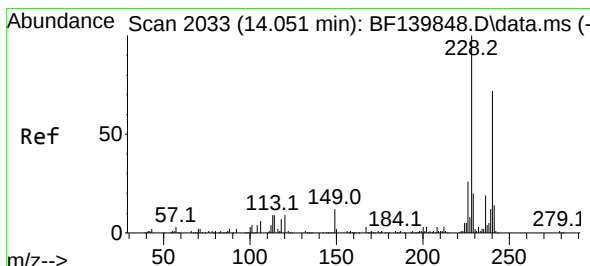
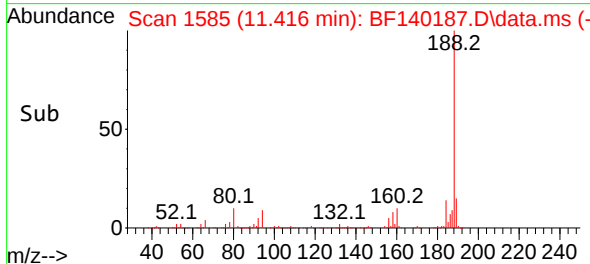
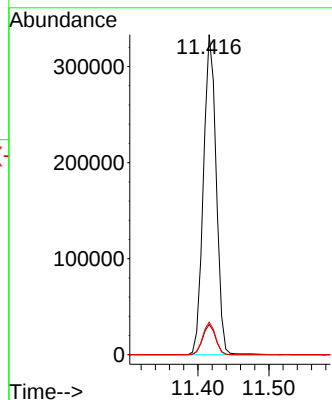
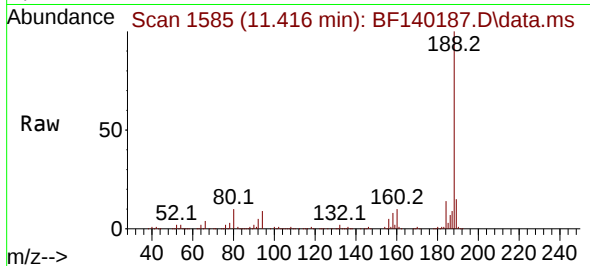




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

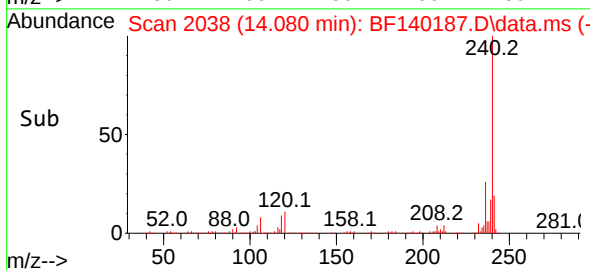
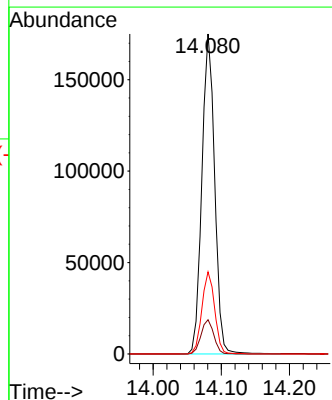
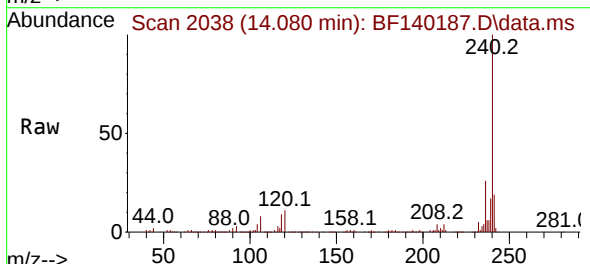
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:188 Resp: 417181
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2038
Delta R.T. 0.030 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

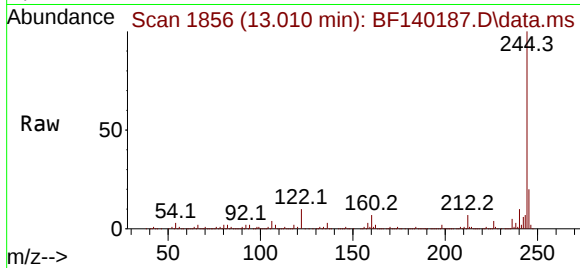
Tgt Ion:240 Resp: 228343
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 25.6 20.9 31.3



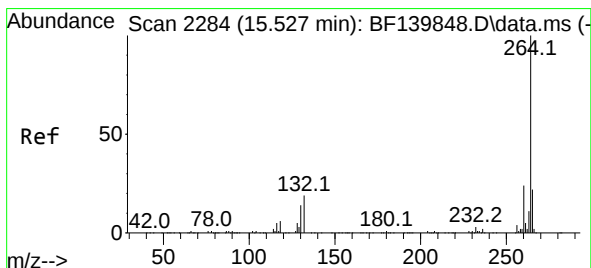
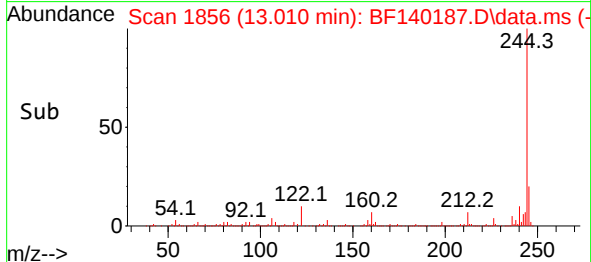
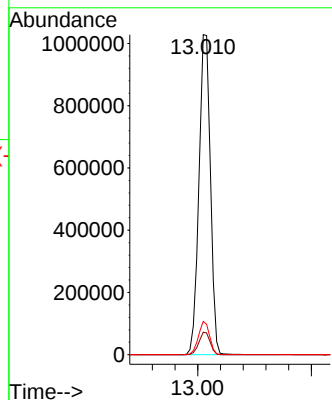


#79
Terphenyl-d14
Concen: 103.236 ng
RT: 13.010 min Scan# 1854
Delta R.T. 0.012 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Instrument :
BNA_F
ClientSampleId :
TP-1



Tgt Ion:244 Resp: 1446669
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2298
Delta R.T. 0.083 min
Lab File: BF140187.D
Acq: 31 Oct 2024 14:21

Tgt Ion:264 Resp: 189639
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.7 17.4 26.0

