

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
Data File : BF139871.D
Acq On : 19 Oct 2024 14:59
Operator : RC/JU
Sample : P4426-39
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Quant Time: Oct 21 01:40:28 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	195900	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	753548	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	418416	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	677607	20.000	ng	0.00
76) Chrysene-d12	14.045	240	365941	20.000	ng	0.00
86) Perylene-d12	15.527	264	394368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	119357	9.538	ng	0.00
7) Phenol-d6	6.498	99	325325	20.073	ng	-0.01
23) Nitrobenzene-d5	7.445	82	460169	33.846	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	21736	5.554	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1005887	39.731	ng	0.00
79) Terphenyl-d14	12.992	244	905220	40.308	ng	0.00

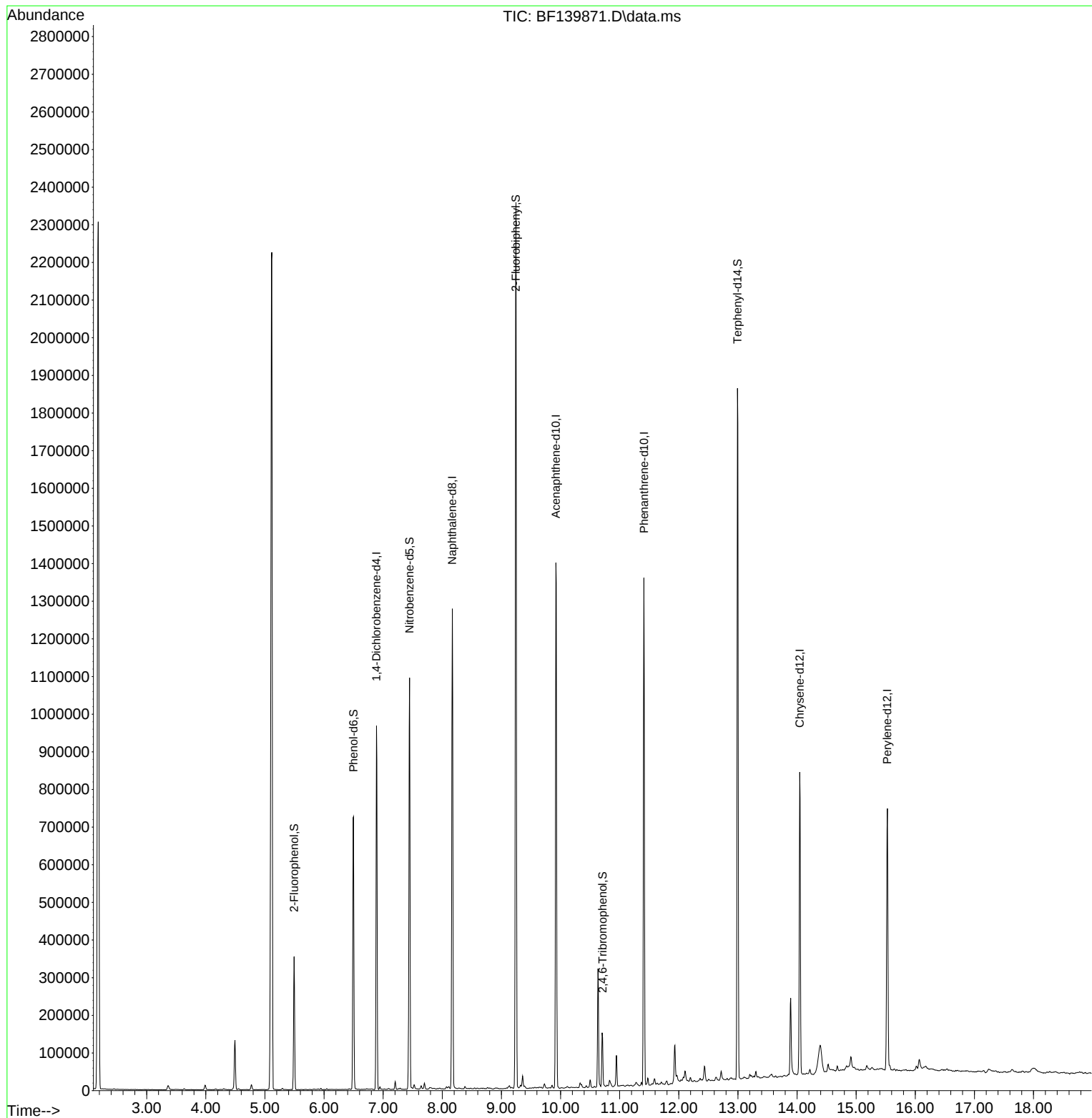
Target Compounds	Qvalue

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

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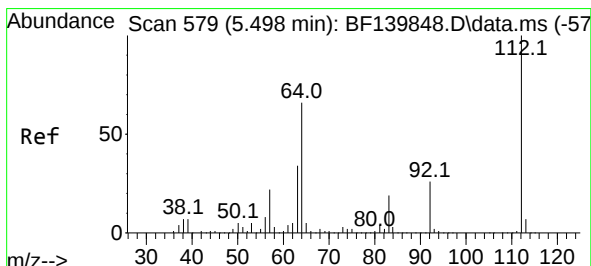
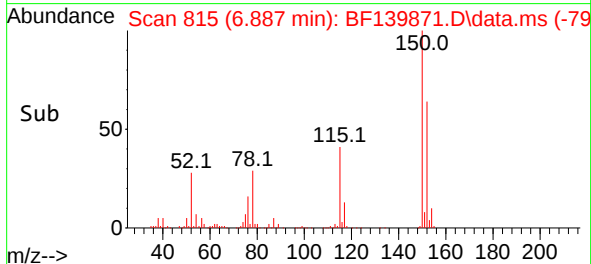
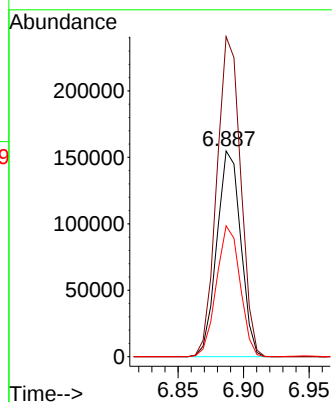
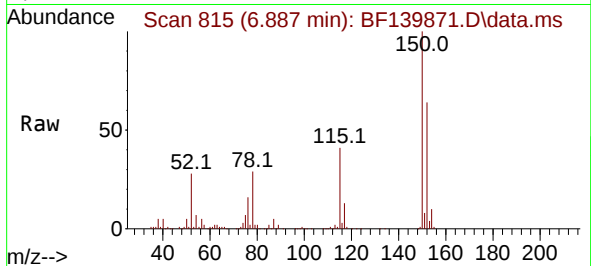




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

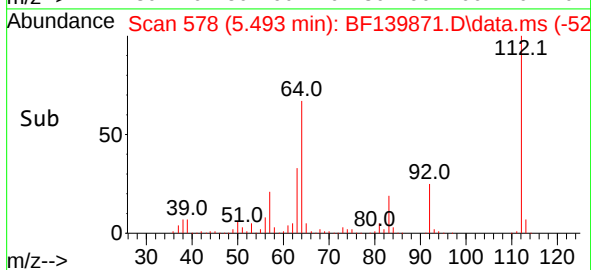
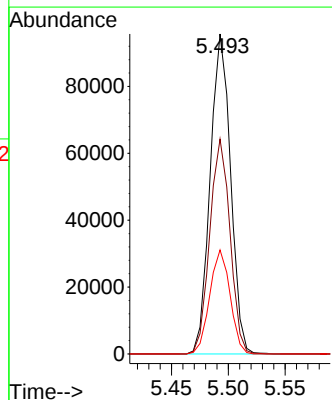
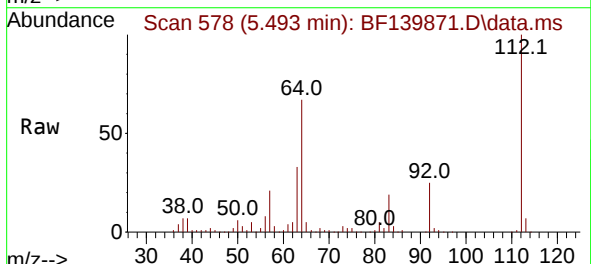
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion:152 Resp: 195900
Ion Ratio Lower Upper
152 100
150 155.5 130.2 195.2
115 63.6 51.4 77.2



#5
2-Fluorophenol
Concen: 9.538 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion:112 Resp: 119357
Ion Ratio Lower Upper
112 100
64 67.2 53.0 79.6
63 32.5 27.0 40.4

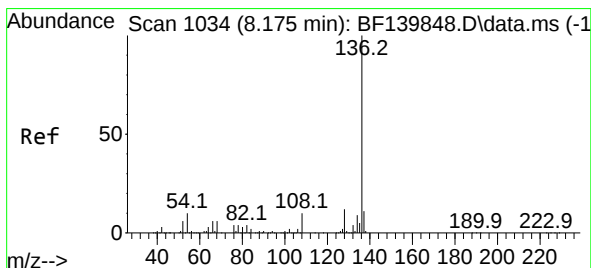
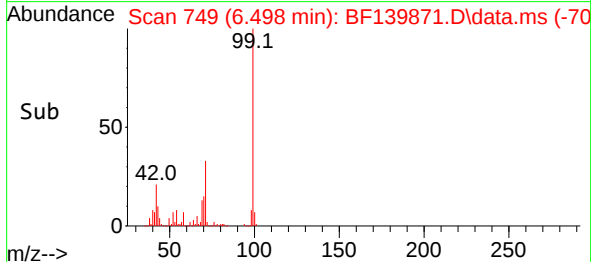
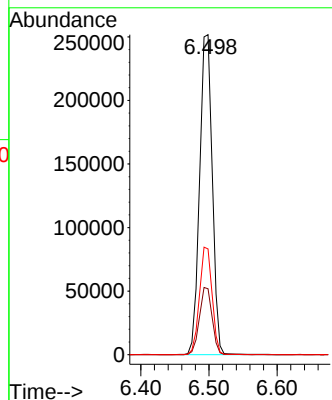
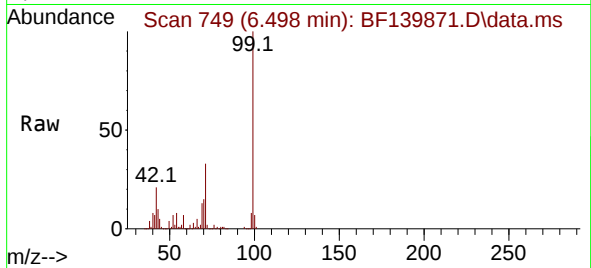




#7
Phenol-d6
Concen: 20.073 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

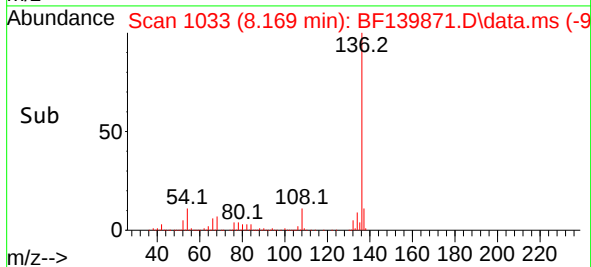
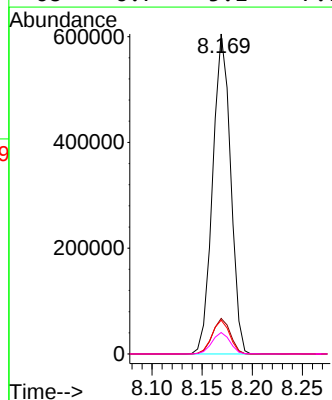
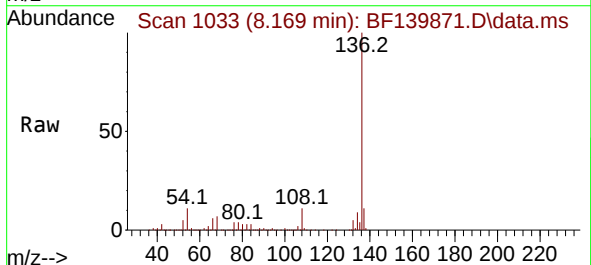
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion: 99 Resp: 325325
Ion Ratio Lower Upper
99 100
42 20.6 16.7 25.1
71 33.1 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: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion: 136 Resp: 753548
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.5 8.4 12.6
68 6.7 5.1 7.7

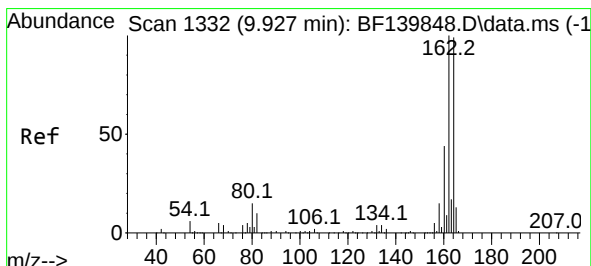
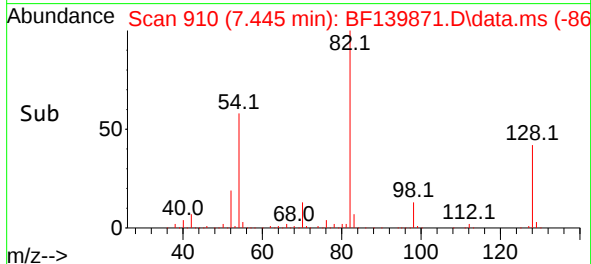
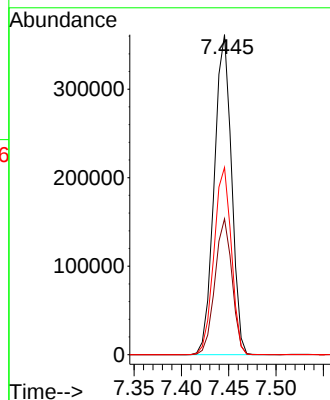
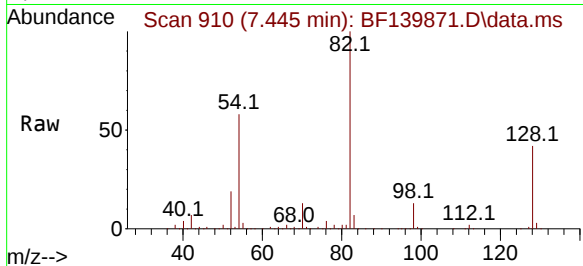




#23
Nitrobenzene-d5
Concen: 33.846 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139871.D
Acq: 19 Oct 2024 14:59

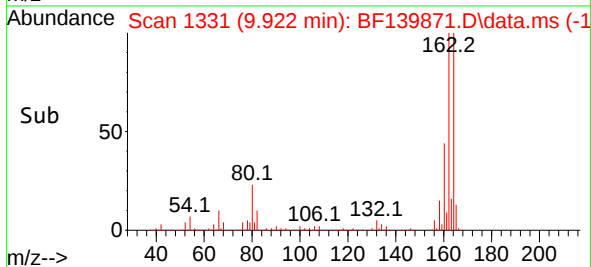
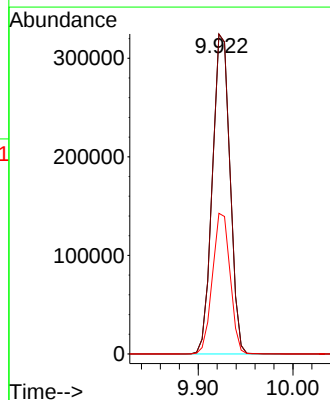
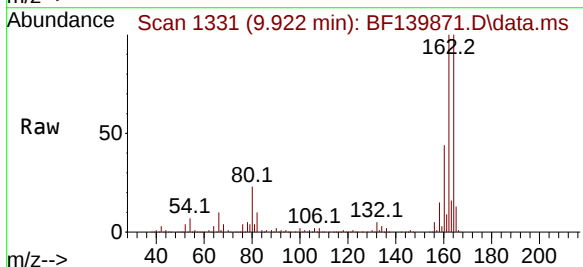
Instrument :
BNA_F
ClientSampleId :
CURBS-AND-OTHER

Tgt Ion: 82 Resp: 460169
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 58.5 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: BF139871.D
Acq: 19 Oct 2024 14:59

Tgt Ion: 164 Resp: 418416
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 5.554 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139871.D

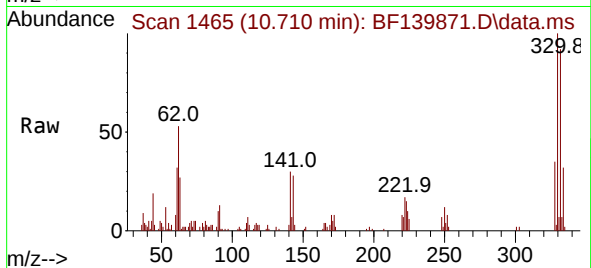
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Instrument :

BNA_F

ClientSampleId :

CURBS-AND-OTHER



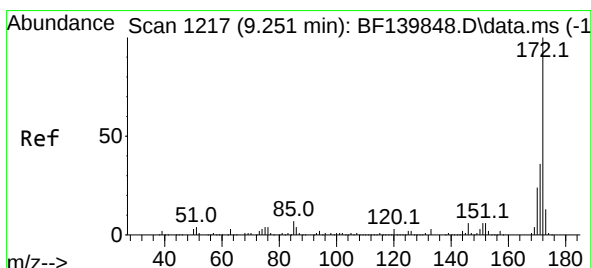
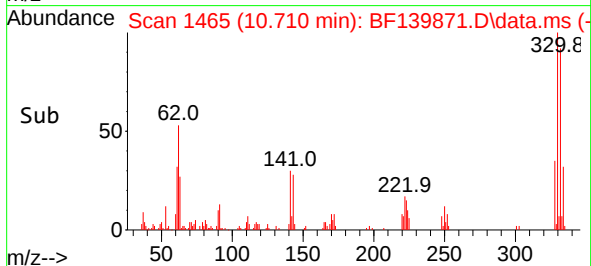
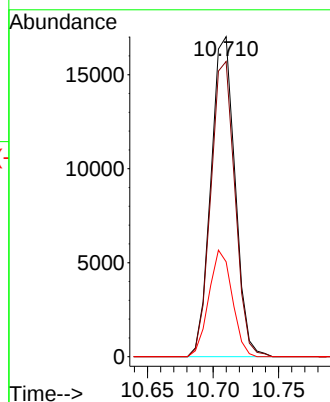
Tgt Ion:330 Resp: 21736

Ion Ratio Lower Upper

330 100

332 92.3 78.1 117.1

141 32.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 39.731 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139871.D

Acq: 19 Oct 2024 14:59

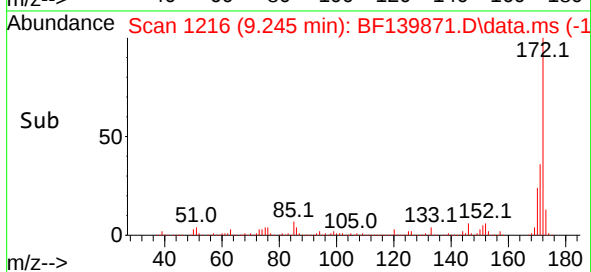
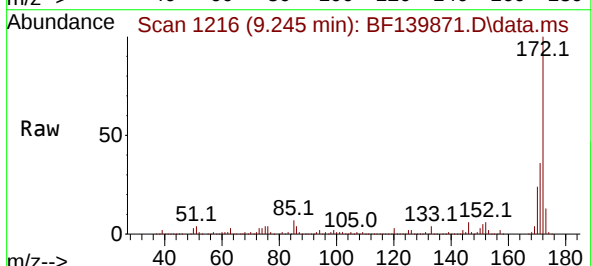
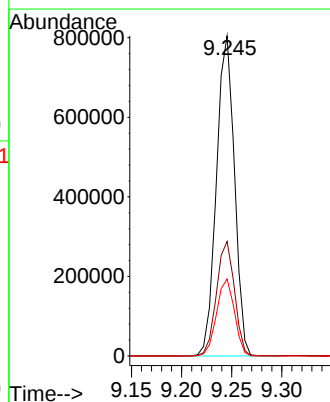
Tgt Ion:172 Resp: 1005887

Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139871.D

Acq: 19 Oct 2024 14:59

Instrument :

BNA_F

ClientSampleId :

CURBS-AND-OTHER

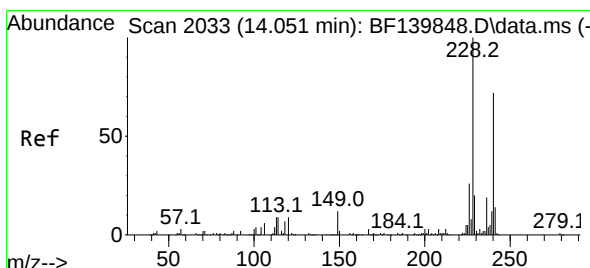
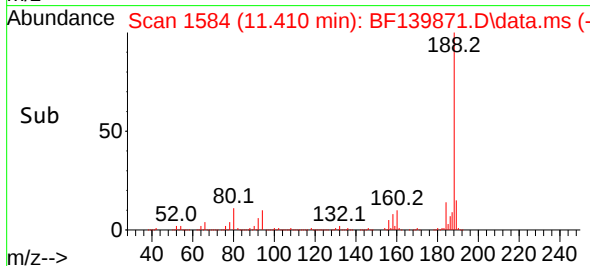
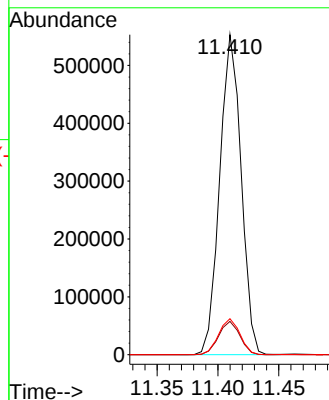
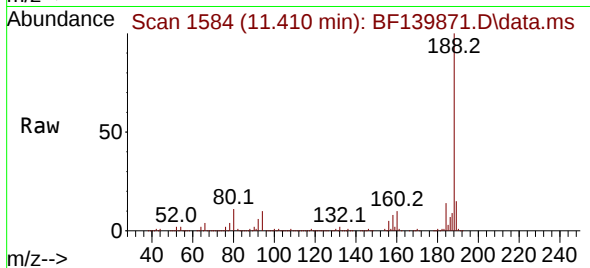
Tgt Ion:188 Resp: 677607

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.3 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: BF139871.D

Acq: 19 Oct 2024 14:59

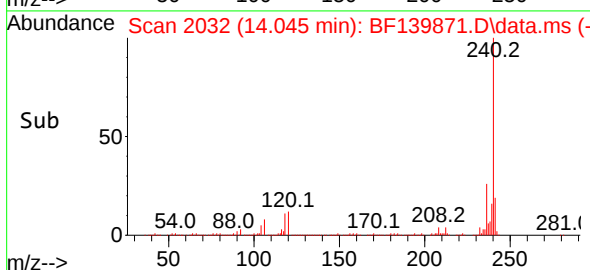
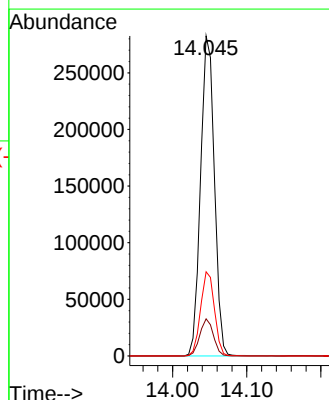
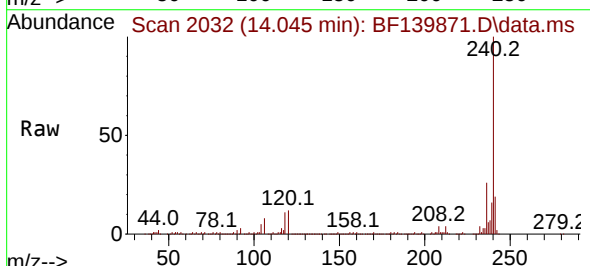
Tgt Ion:240 Resp: 365941

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

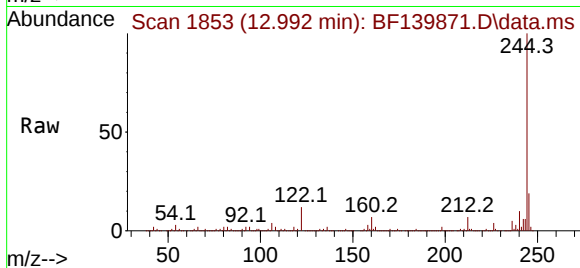
236 26.3 20.9 31.3



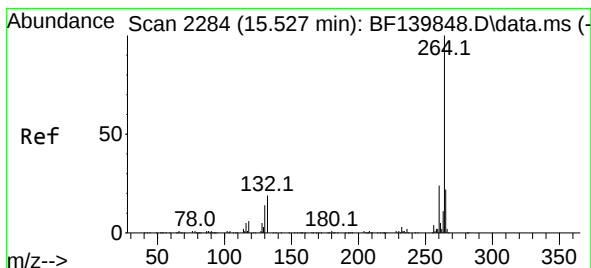
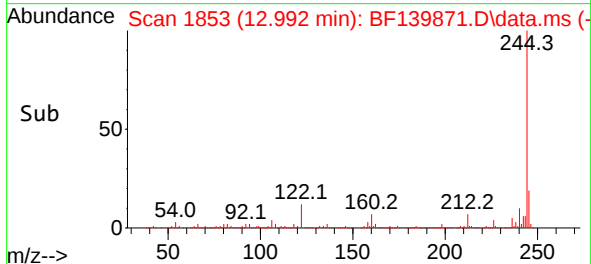
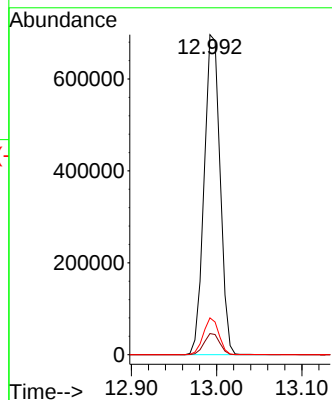


#79
 Terphenyl-d14
 Concen: 40.308 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF139871.D
 Acq: 19 Oct 2024 14:59

Instrument :
 BNA_F
 ClientSampleId :
 CURBS-AND-OTHER



Tgt Ion:244 Resp: 905220
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 11.5 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: BF139871.D
 Acq: 19 Oct 2024 14:59

Tgt Ion:264 Resp: 394368
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.7 17.4 26.0

