

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139853.D
 Acq On : 18 Oct 2024 14:48
 Operator : RC/JU
 Sample : PB164211BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BL

Quant Time: Oct 18 15:12:10 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	190111	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	746444	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	423351	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	773013	20.000	ng	0.00
76) Chrysene-d12	14.045	240	464788	20.000	ng	0.00
86) Perylene-d12	15.527	264	394361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1541011	126.896	ng	0.02
7) Phenol-d6	6.504	99	1922660	122.242	ng	0.00
23) Nitrobenzene-d5	7.445	82	1246695	92.567	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	516329	130.390	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2197190	85.775	ng	0.00
79) Terphenyl-d14	12.998	244	2524034	88.489	ng	0.00

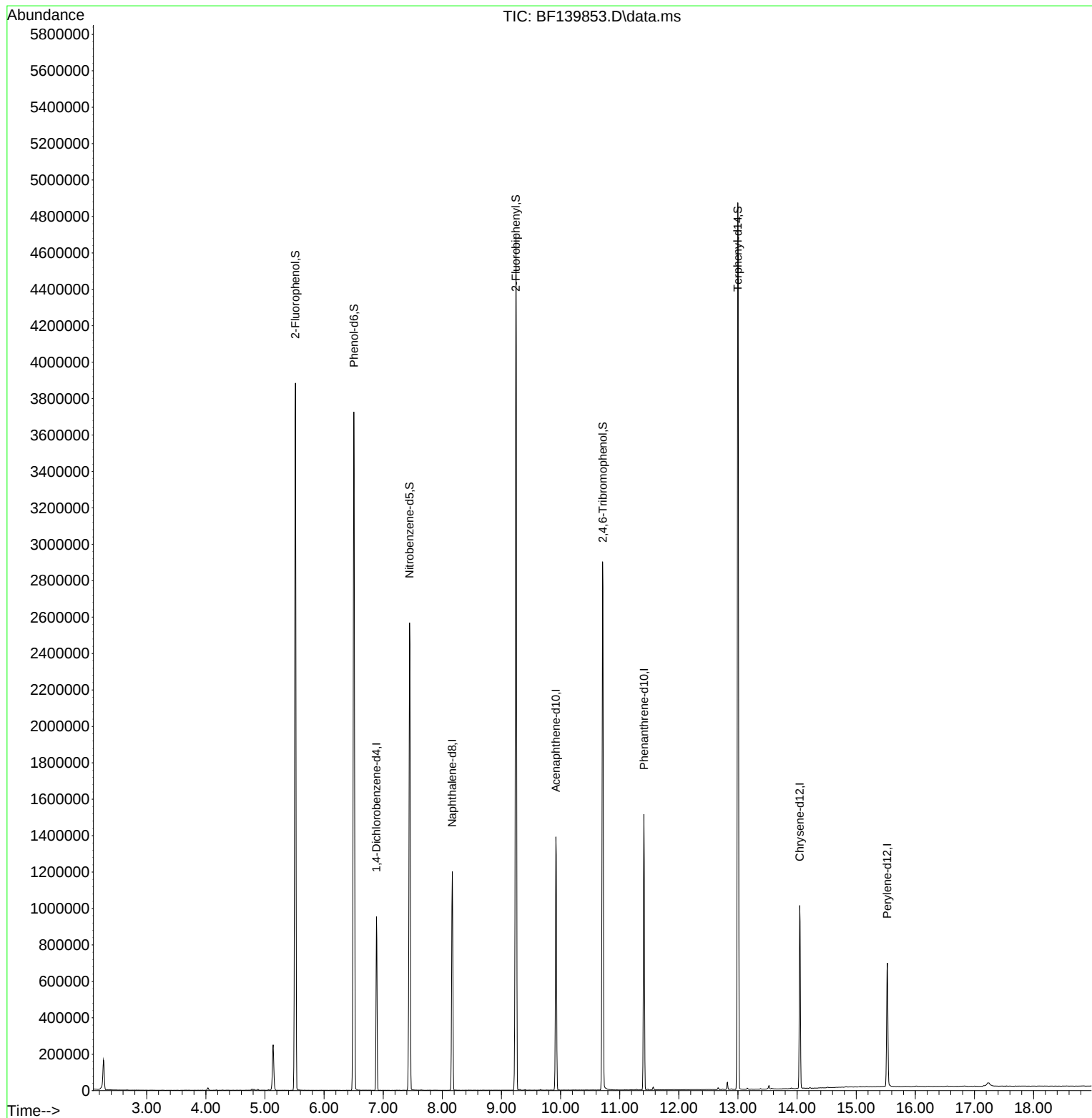
Target Compounds	Qvalue

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

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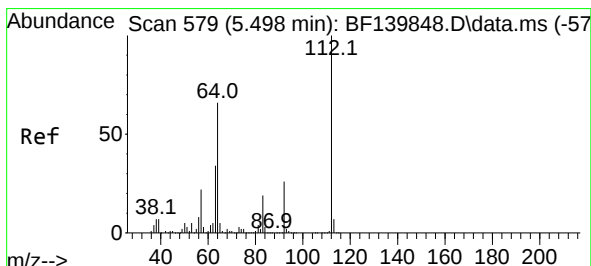
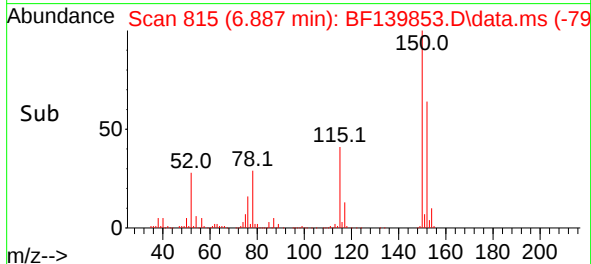
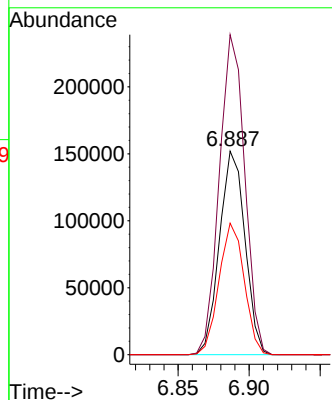
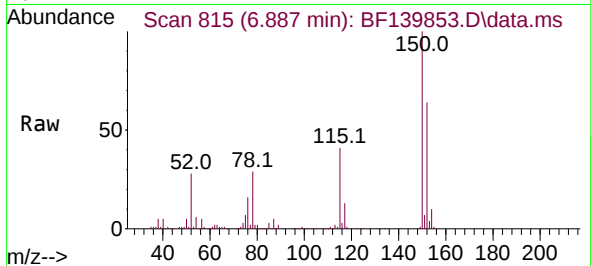




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

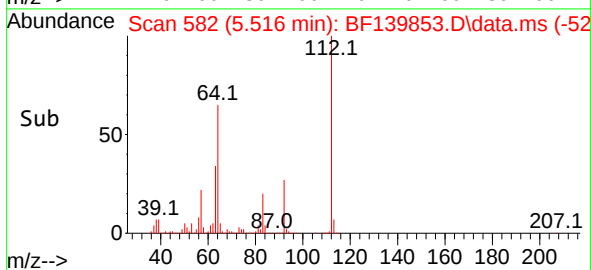
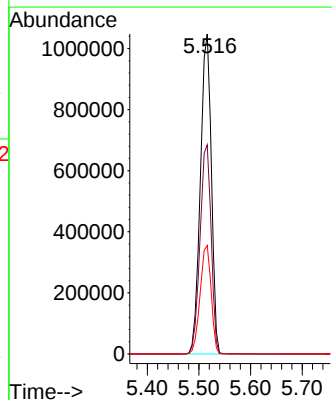
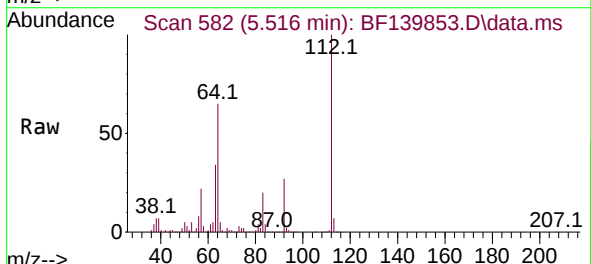
Instrument :
BNA_F
ClientSampleId :
PB164211BL

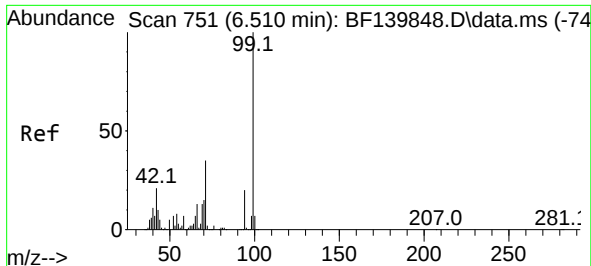
Tgt Ion:152 Resp: 190111
Ion Ratio Lower Upper
152 100
150 157.2 130.2 195.2
115 64.6 51.4 77.2



#5
2-Fluorophenol
Concen: 126.896 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion:112 Resp: 1541011
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 33.9 27.0 40.4

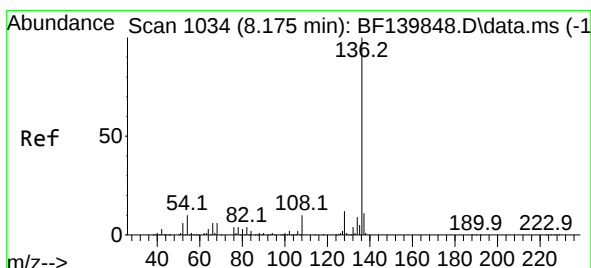
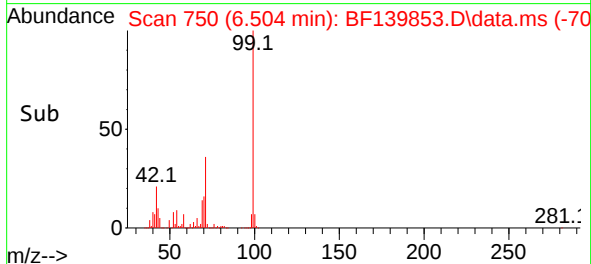
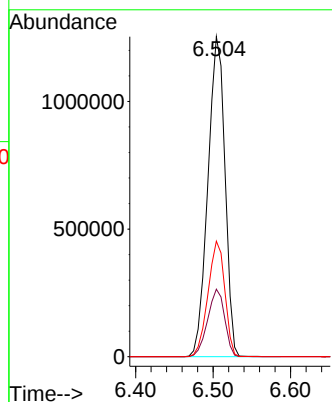
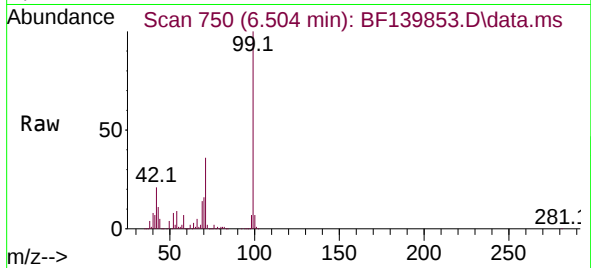




#7
Phenol-d6
Concen: 122.242 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

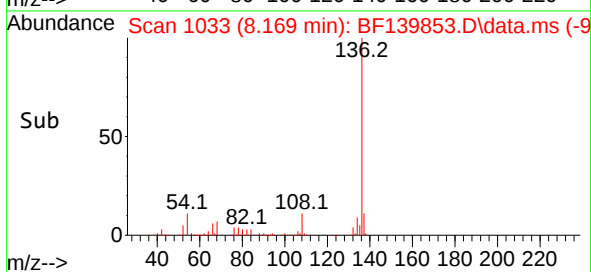
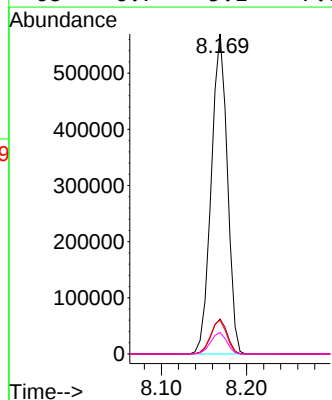
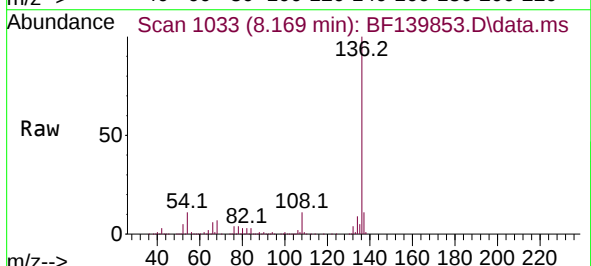
Instrument :
BNA_F
ClientSampleId :
PB164211BL

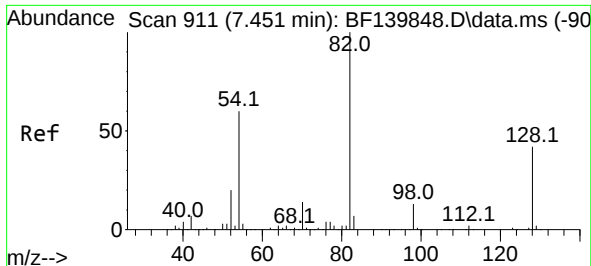
Tgt Ion: 99 Resp: 1922660
Ion Ratio Lower Upper
99 100
42 21.1 16.7 25.1
71 36.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion:136 Resp: 746444
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.7 5.1 7.7





#23

Nitrobenzene-d5

Concen: 92.567 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

Instrument :

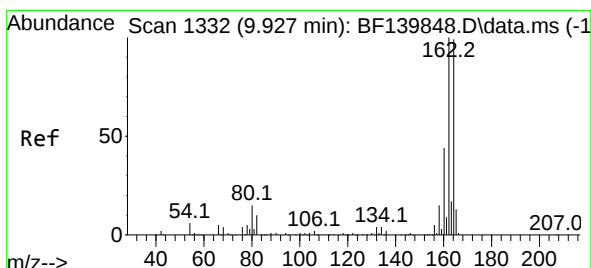
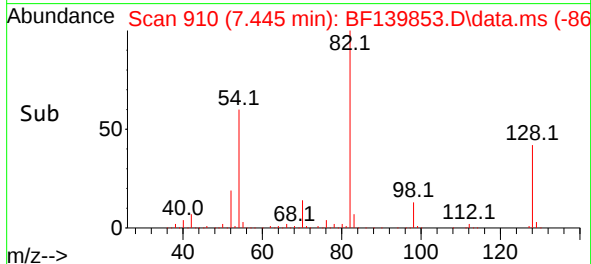
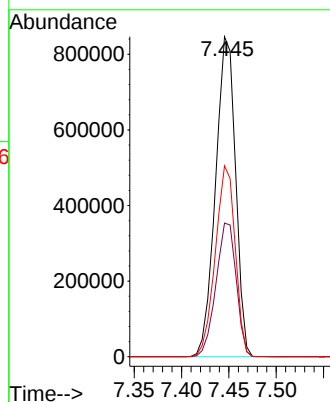
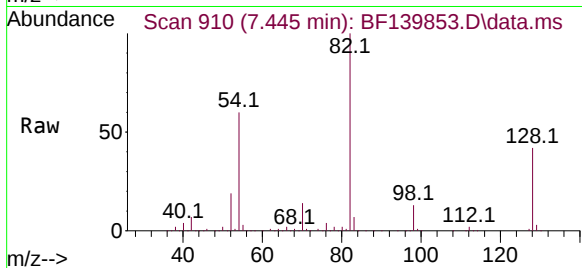
BNA_F

ClientSampleId :

PB164211BL

Tgt Ion: 82 Resp: 1246695

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	59.7	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

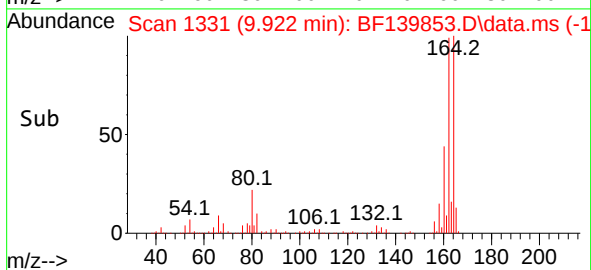
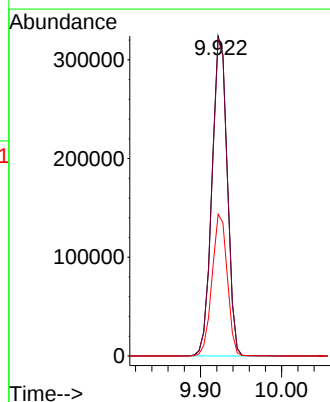
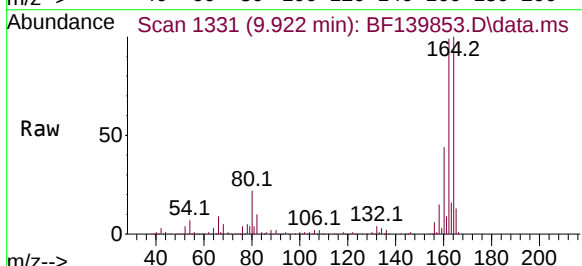
Delta R.T. -0.005 min

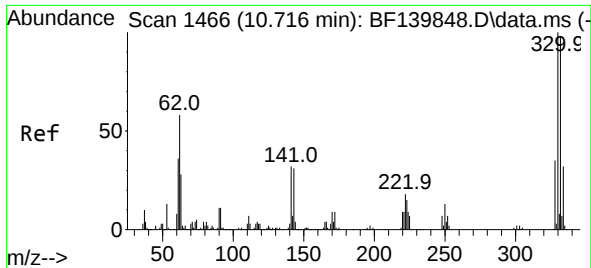
Lab File: BF139853.D

Acq: 18 Oct 2024 14:48

Tgt Ion: 164 Resp: 423351

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.0	121.4
160	44.3	35.4	53.0

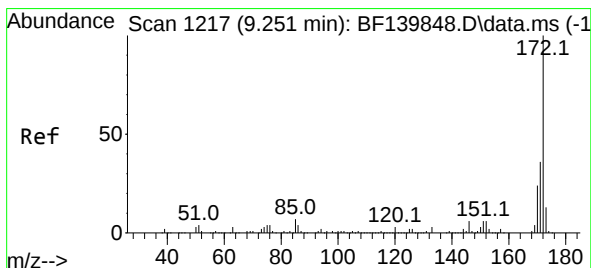
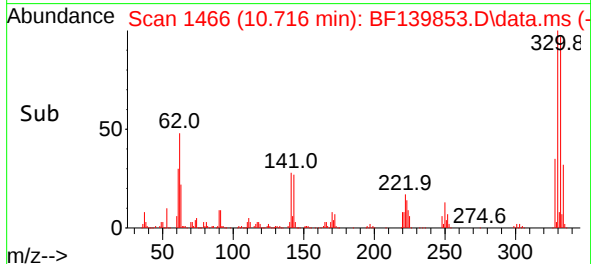
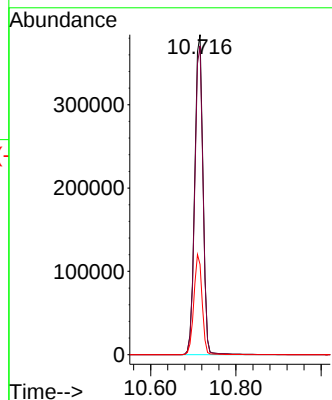
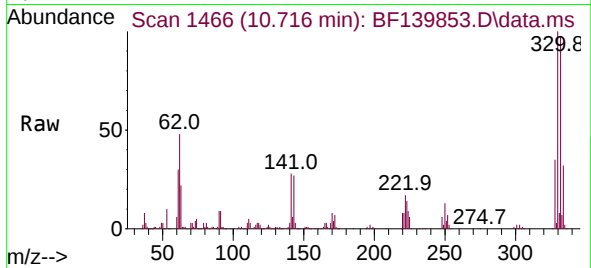




#42
2,4,6-Tribromophenol
Concen: 130.390 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

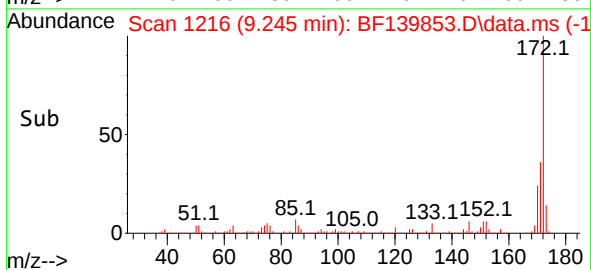
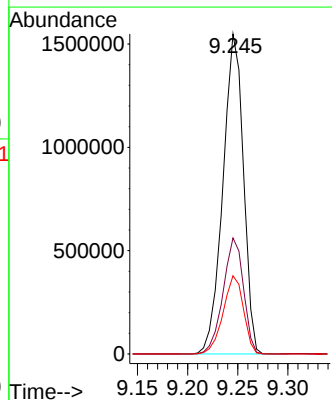
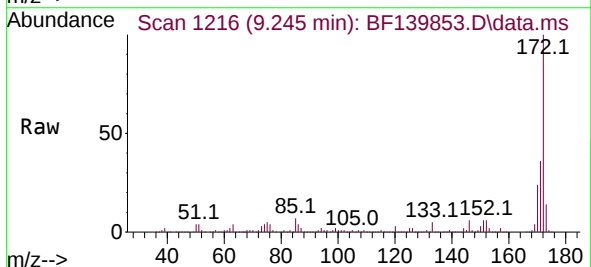
Instrument :
BNA_F
ClientSampleId :
PB164211BL

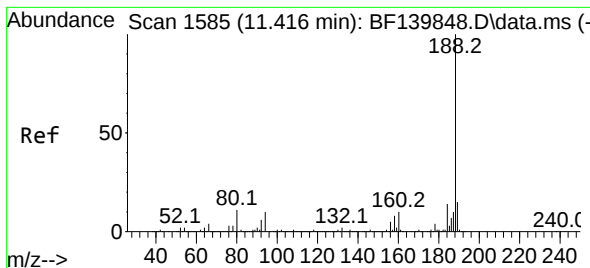
Tgt Ion:330 Resp: 516329
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 31.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 85.775 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139853.D
Acq: 18 Oct 2024 14:48

Tgt Ion:172 Resp: 2197190
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.5 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: BF139853.D

Acq: 18 Oct 2024 14:48

Instrument :

BNA_F

ClientSampleId :

PB164211BL

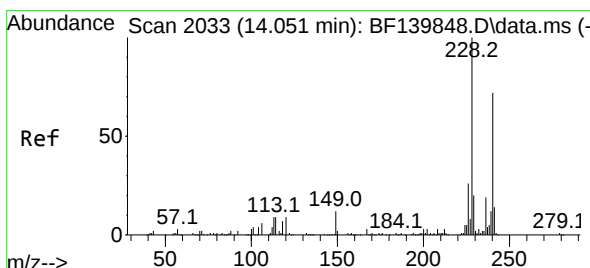
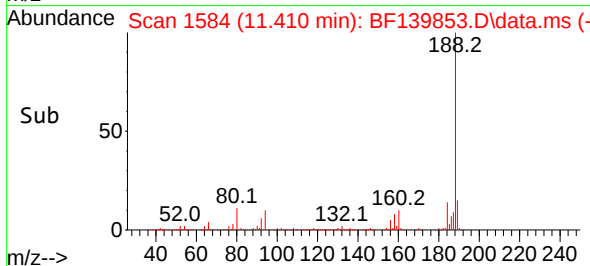
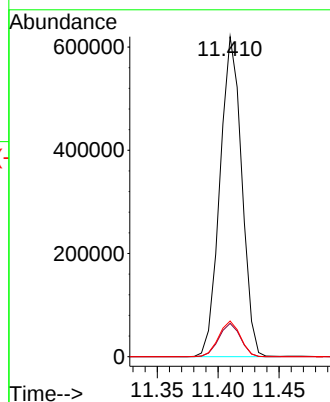
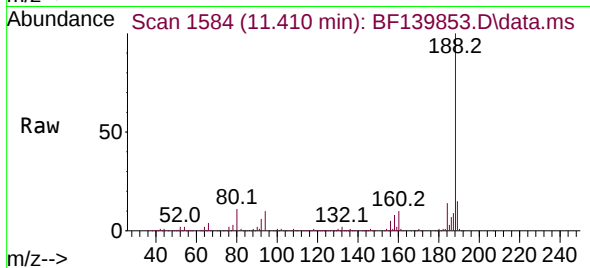
Tgt Ion:188 Resp: 773013

Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.1 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: BF139853.D

Acq: 18 Oct 2024 14:48

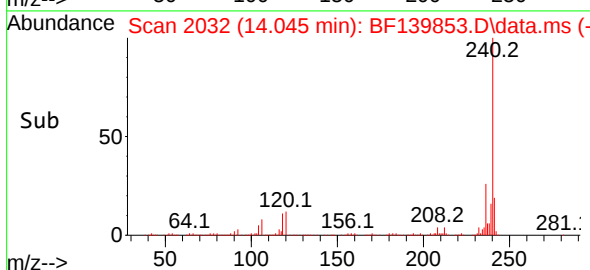
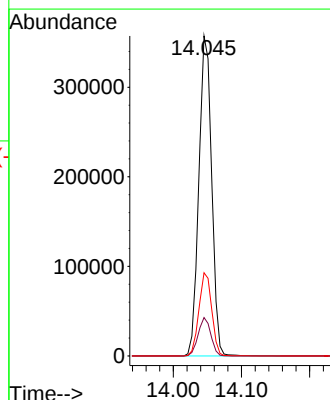
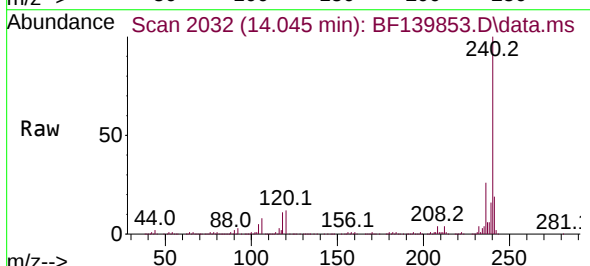
Tgt Ion:240 Resp: 464788

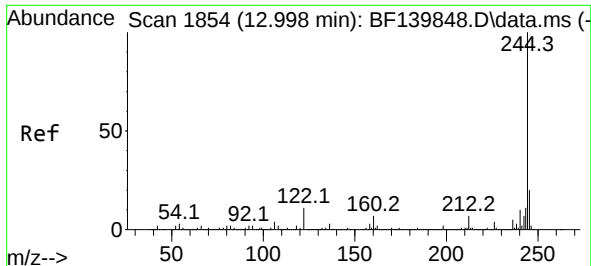
Ion Ratio Lower Upper

240 100

120 12.0 9.4 14.2

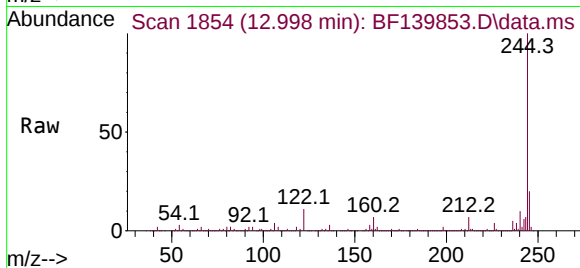
236 26.0 20.9 31.3



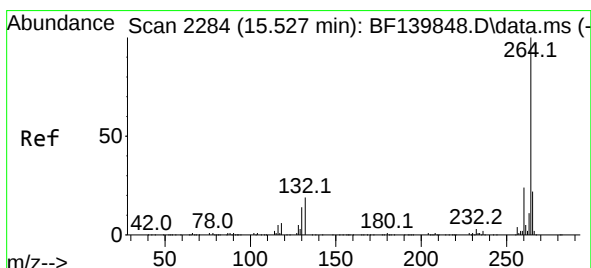
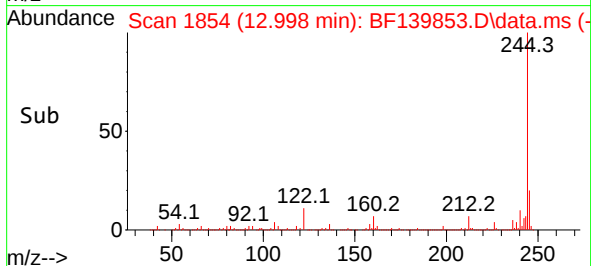
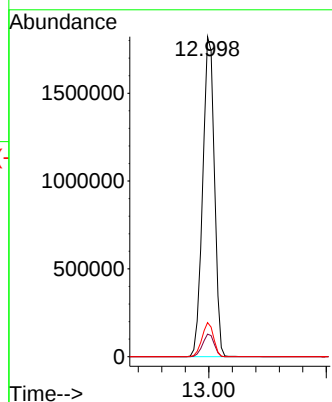


#79
 Terphenyl-d14
 Concen: 88.489 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139853.D
 Acq: 18 Oct 2024 14:48

Instrument :
 BNA_F
 ClientSampleId :
 PB164211BL



Tgt Ion:244 Resp: 2524034
 Ion Ratio Lower Upper
 244 100
 212 7.1 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: BF139853.D
 Acq: 18 Oct 2024 14:48

Tgt Ion:264 Resp: 394361
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.3 17.4 26.0

