

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
 Data File : BF141859.D
 Acq On : 06 Mar 2025 10:22
 Operator : RC/JU
 Sample : PB166984BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166984BL

Quant Time: Mar 06 10:55:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	218862	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	871720	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	477596	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	848035	20.000	ng	0.00
76) Chrysene-d12	14.039	240	691946	20.000	ng	-0.01
86) Perylene-d12	15.510	264	552165	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1730529	126.273	ng	0.01
7) Phenol-d6	6.504	99	2123556	119.048	ng	0.00
23) Nitrobenzene-d5	7.445	82	1433035	105.079	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	746687	166.531	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2725247	91.496	ng	0.00
79) Terphenyl-d14	12.992	244	3529158	82.519	ng	0.00

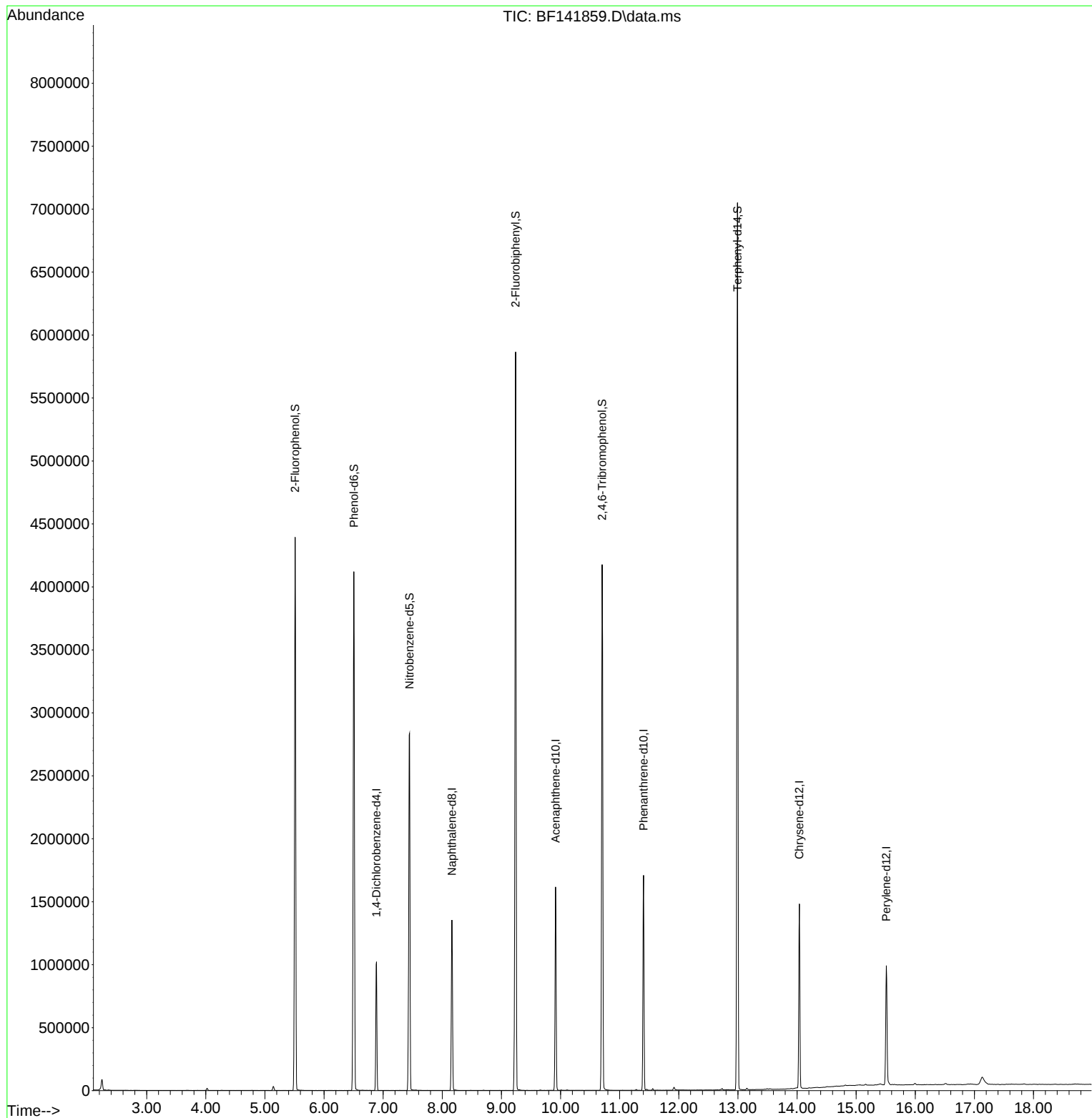
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141859.D
Acq On : 06 Mar 2025 10:22
Operator : RC/JU
Sample : PB166984BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166984BL

Quant Time: Mar 06 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

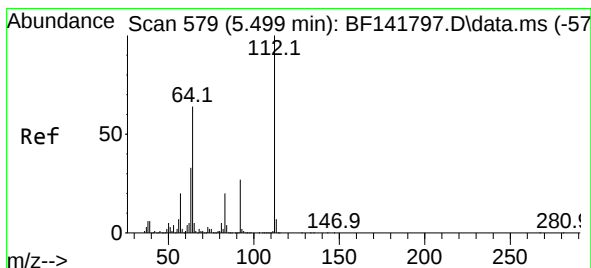
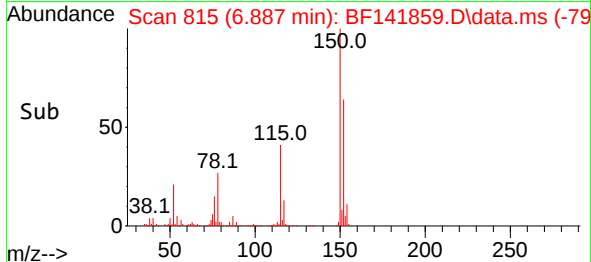
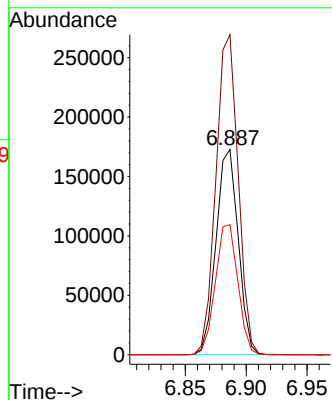
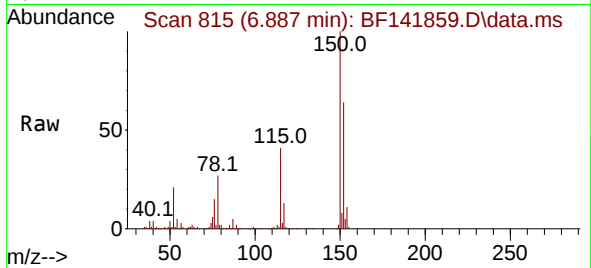




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.006 min
 Lab File: BF141859.D
 Acq: 06 Mar 2025 10:22

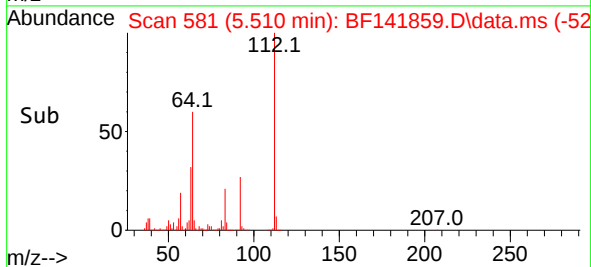
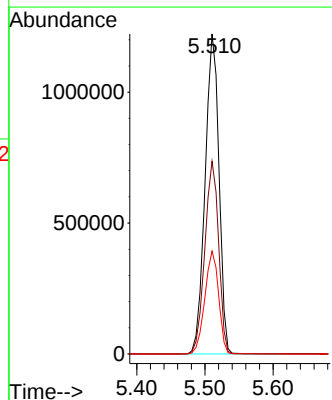
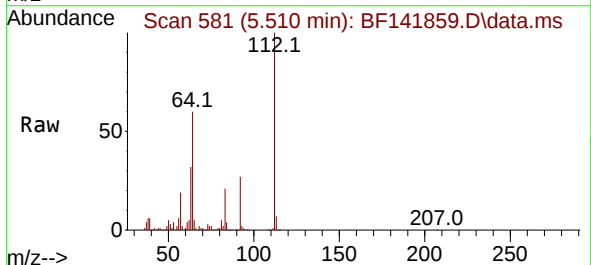
Instrument :
 BNA_F
 ClientSampleId :
 PB166984BL

Tgt Ion:152 Resp: 218862
 Ion Ratio Lower Upper
 152 100
 150 155.9 127.5 191.3
 115 63.3 51.4 77.2



#5
 2-Fluorophenol
 Concen: 126.273 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF141859.D
 Acq: 06 Mar 2025 10:22

Tgt Ion:112 Resp: 1730529
 Ion Ratio Lower Upper
 112 100
 64 60.2 51.3 76.9
 63 32.2 26.2 39.4

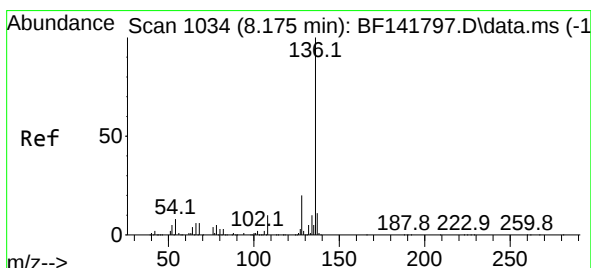
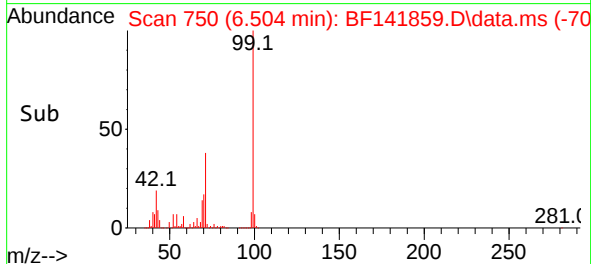
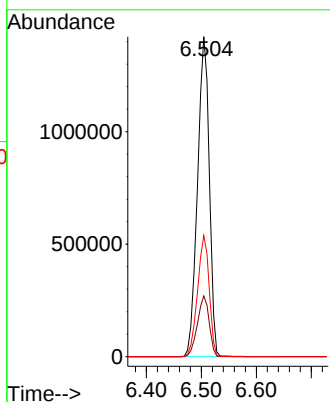
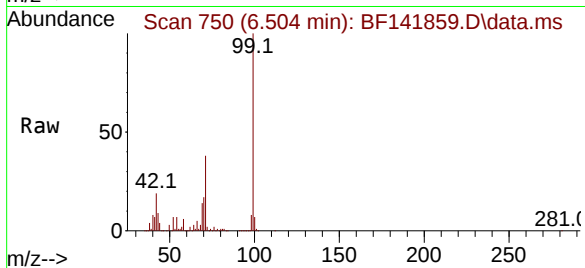




#7
Phenol-d6
Concen: 119.048 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22

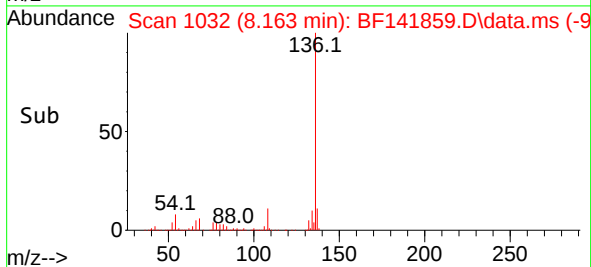
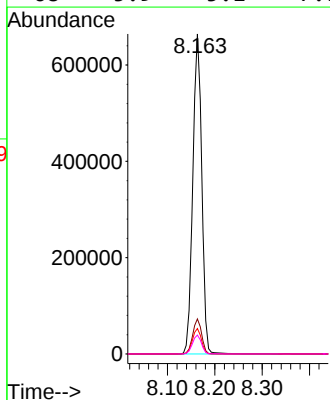
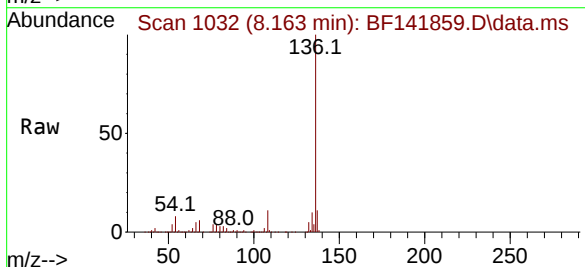
Instrument :
BNA_F
ClientSampleId :
PB166984BL

Tgt Ion: 99 Resp: 2123556
Ion Ratio Lower Upper
99 100
42 19.0 15.2 22.8
71 37.8 28.2 42.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22

Tgt Ion:136 Resp: 871720
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.9 10.3
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 105.079 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Instrument :

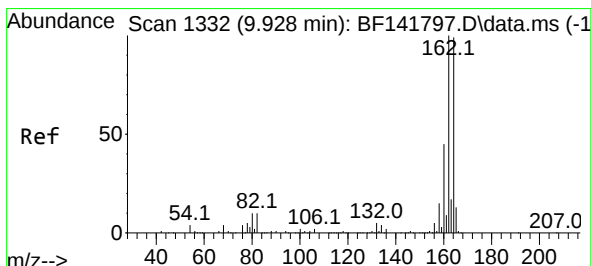
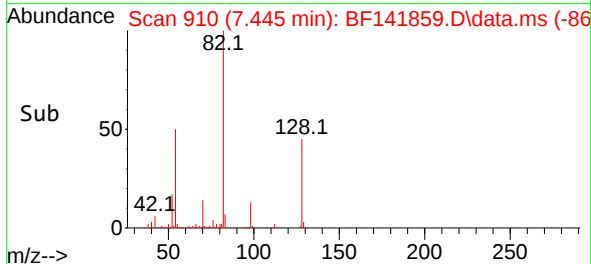
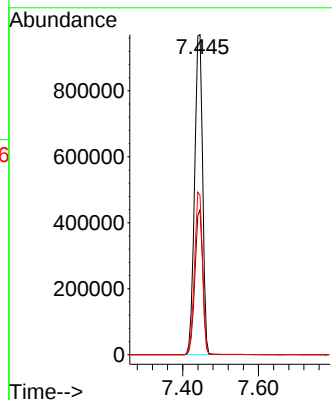
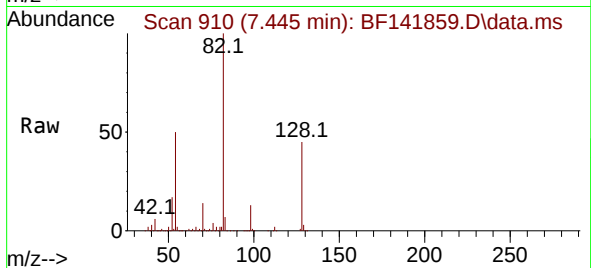
BNA_F

ClientSampleId :

PB166984BL

Tgt Ion: 82 Resp: 1433035

Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.5	50.3
54	49.8	42.7	64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

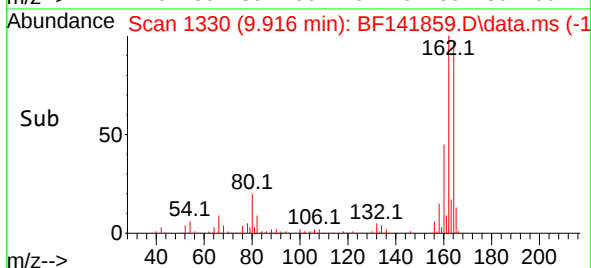
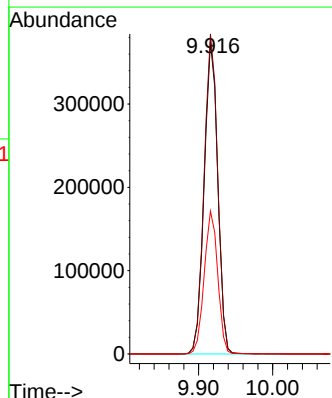
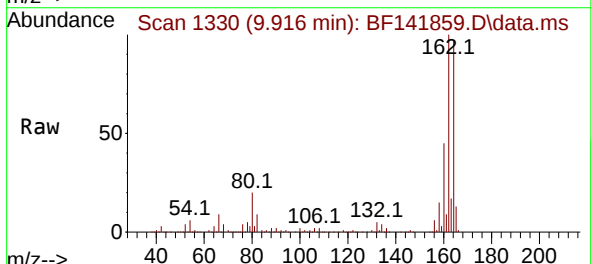
Delta R.T. -0.012 min

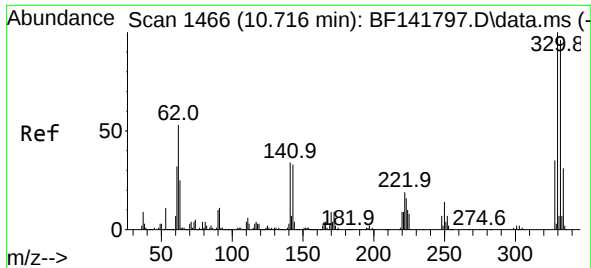
Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Tgt Ion: 164 Resp: 477596

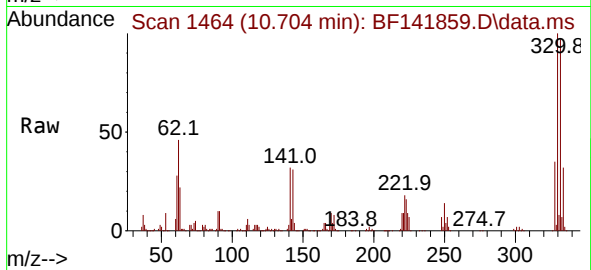
Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	45.8	36.3	54.5



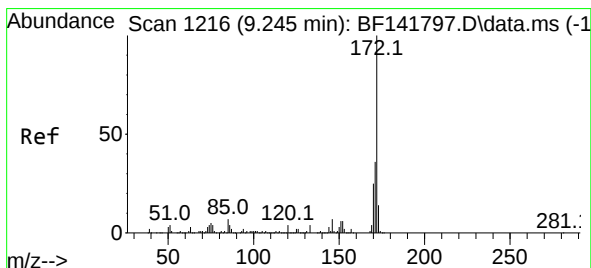
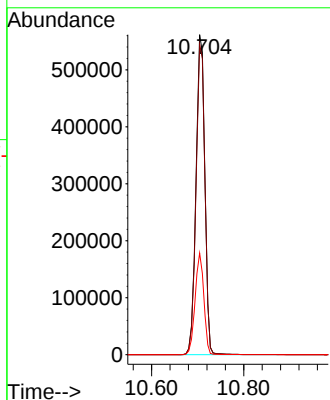
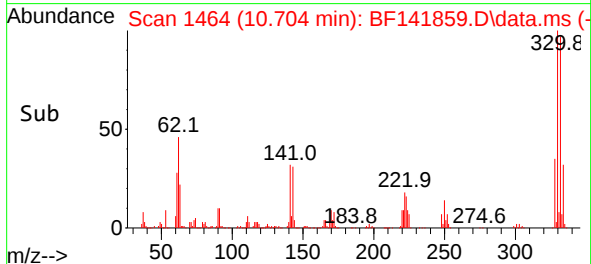


#42
2,4,6-Tribromophenol
Concen: 166.531 ng
RT: 10.704 min Scan# 1466
Delta R.T. -0.012 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22

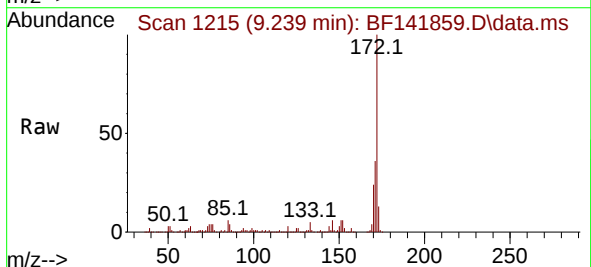
Instrument :
BNA_F
ClientSampleId :
PB166984BL



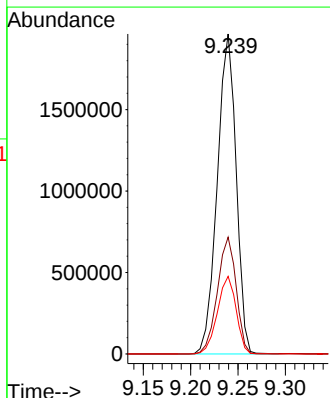
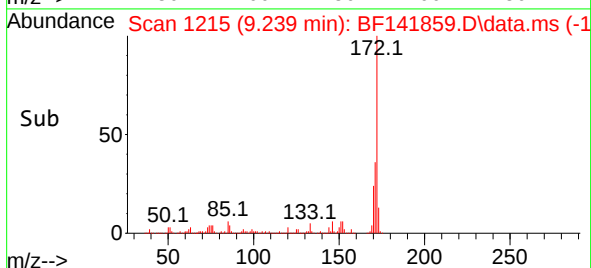
Tgt Ion:330 Resp: 746687
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 31.4 29.0 43.4

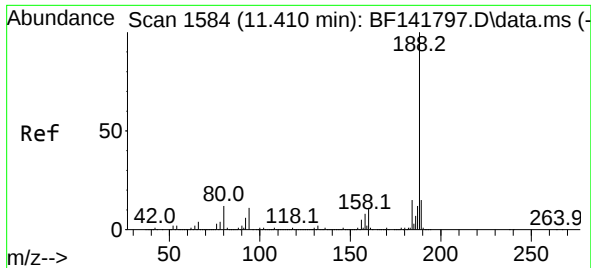


#45
2-Fluorobiphenyl
Concen: 91.496 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22



Tgt Ion:172 Resp: 2725247
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.2 19.7 29.5

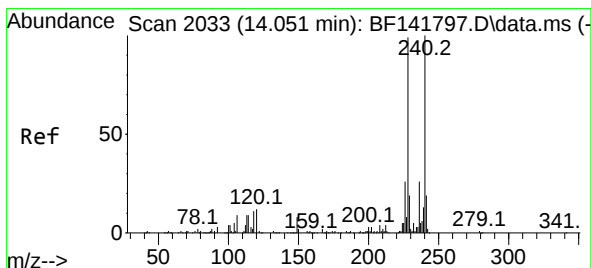
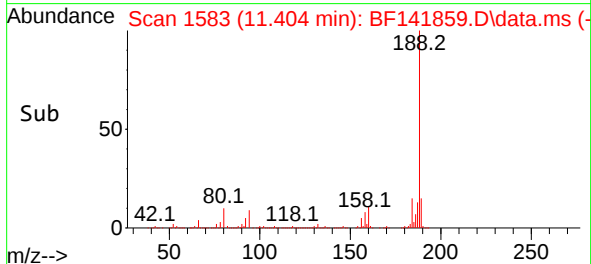
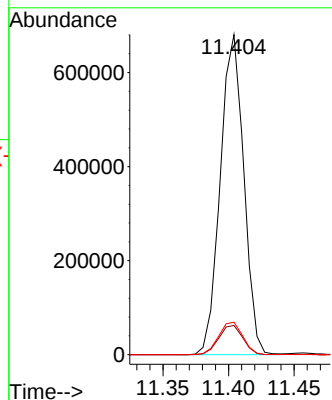
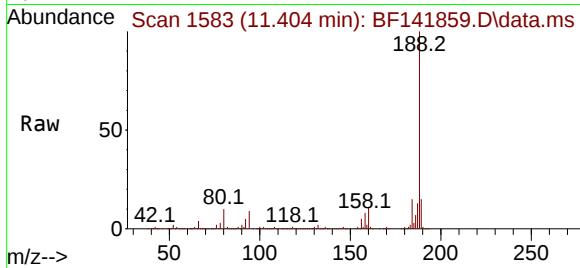




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22

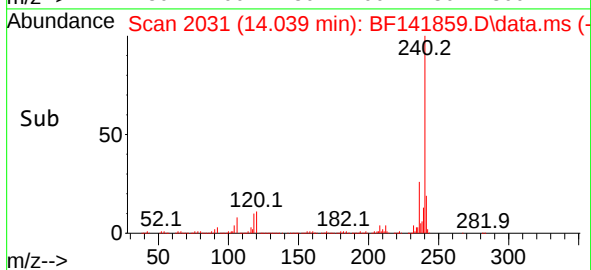
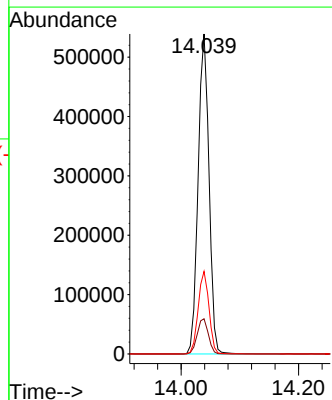
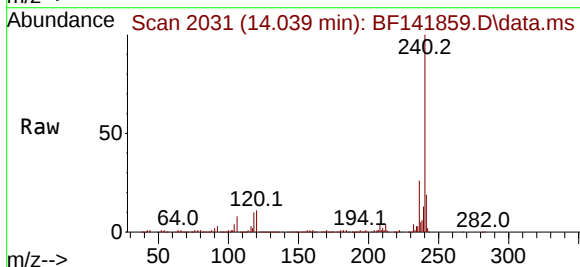
Instrument :
BNA_F
ClientSampleId :
PB166984BL

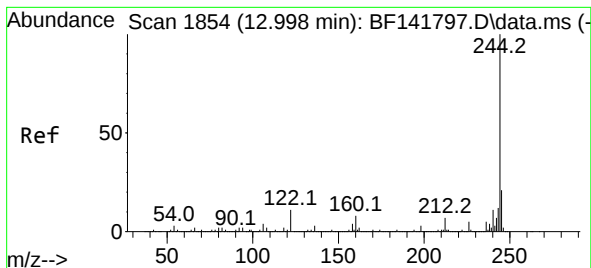
Tgt Ion:188 Resp: 848035
Ion Ratio Lower Upper
188 100
94 9.1 8.9 13.3
80 10.1 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141859.D
Acq: 06 Mar 2025 10:22

Tgt Ion:240 Resp: 691946
Ion Ratio Lower Upper
240 100
120 11.0 9.7 14.5
236 25.8 21.0 31.4





#79

Terphenyl-d14

Concen: 82.519 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Instrument :

BNA_F

ClientSampleId :

PB166984BL

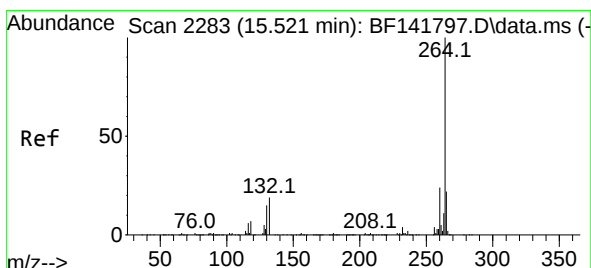
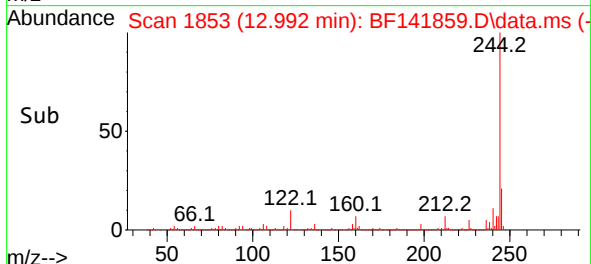
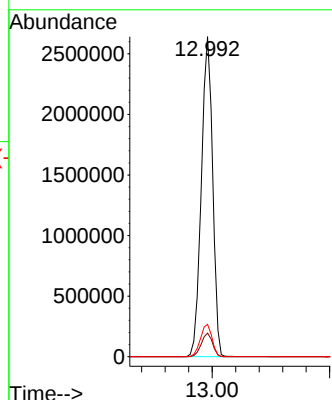
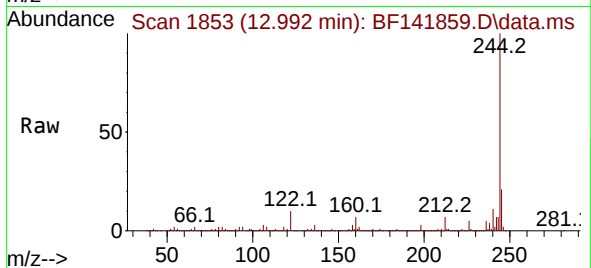
Tgt Ion:244 Resp: 3529158

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.1 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141859.D

Acq: 06 Mar 2025 10:22

Tgt Ion:264 Resp: 552165

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.4 17.4 26.0

