

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
 Data File : BF143998.D
 Acq On : 20 Oct 2025 13:57
 Operator : RC/JU
 Sample : PB170165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170165BL

Quant Time: Oct 20 15:48:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	130248	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	512745	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	286771	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	507389	20.000	ng	0.00
76) Chrysene-d12	14.057	240	319613	20.000	ng	-0.01
86) Perylene-d12	15.545	264	267338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1050979	128.136	ng	0.01
7) Phenol-d6	6.510	99	1262662	129.152	ng	0.00
23) Nitrobenzene-d5	7.445	82	809626	95.932	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	424612	148.658	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1514889	83.821	ng	-0.01
79) Terphenyl-d14	13.004	244	1792209	95.835	ng	0.00

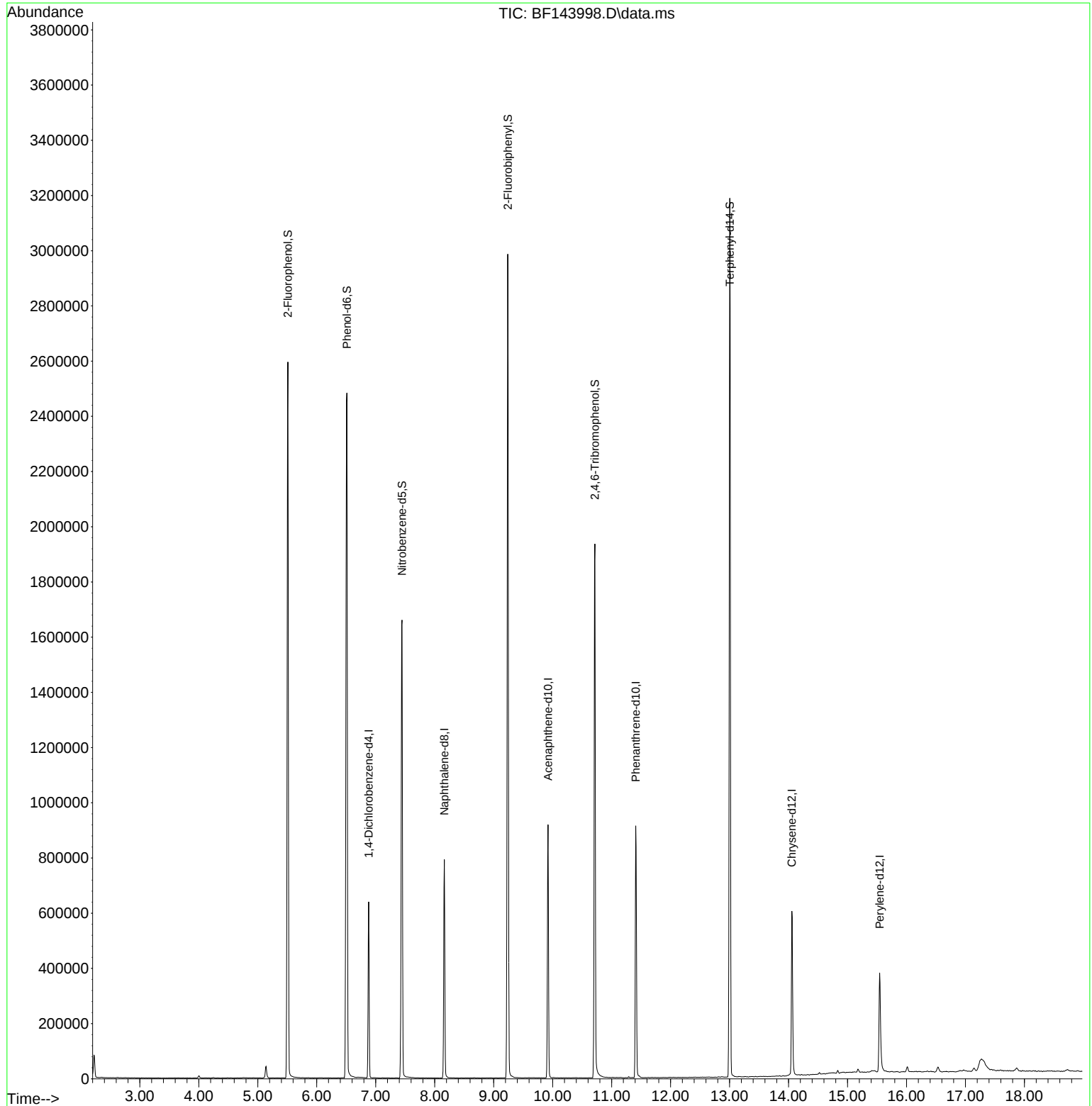
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143998.D
Acq On : 20 Oct 2025 13:57
Operator : RC/JU
Sample : PB170165BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170165BL

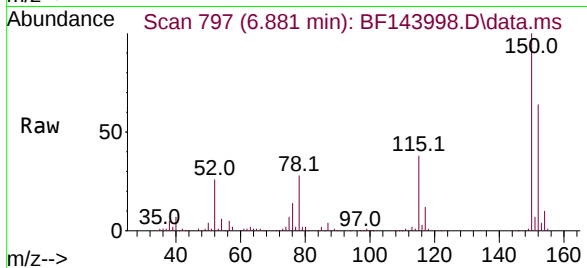
Quant Time: Oct 20 15:48:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



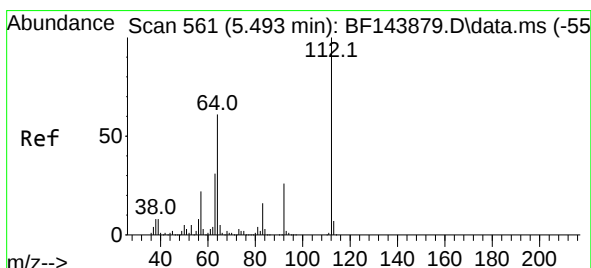
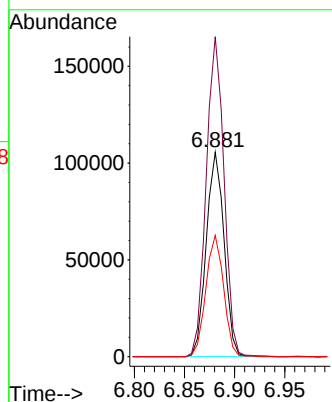
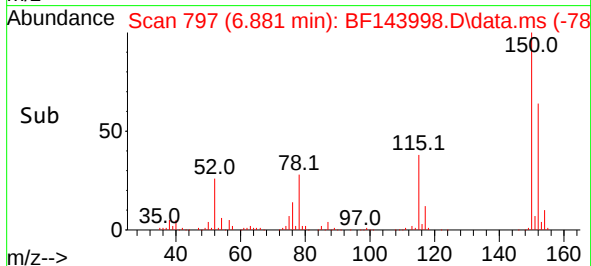


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

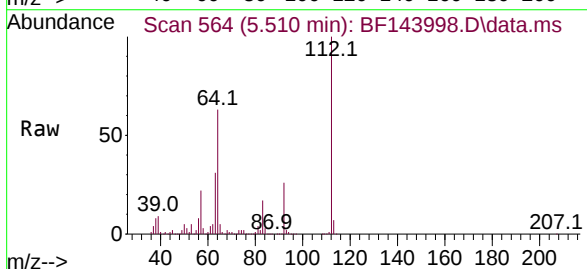
Instrument :
BNA_F
ClientSampleId :
PB170165BL



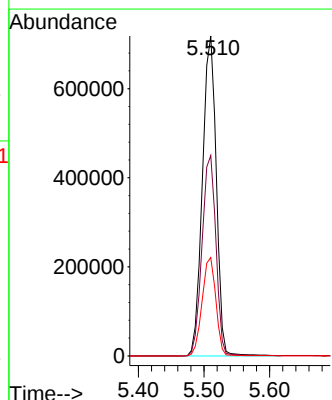
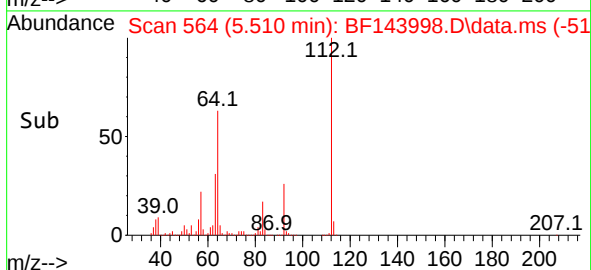
Tgt Ion:152 Resp: 130248
Ion Ratio Lower Upper
152 100
150 156.5 124.4 186.6
115 59.3 48.1 72.1



#5
2-Fluorophenol
Concen: 128.136 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57



Tgt Ion:112 Resp: 1050979
Ion Ratio Lower Upper
112 100
64 62.6 49.1 73.7
63 30.7 24.5 36.7

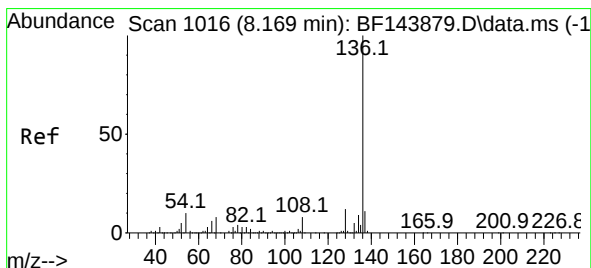
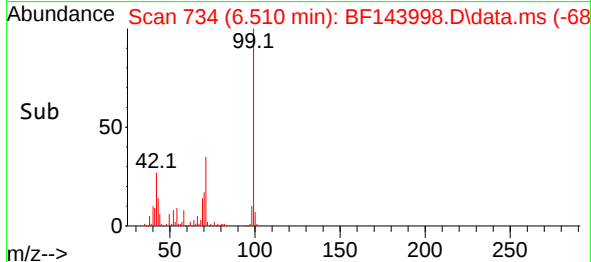
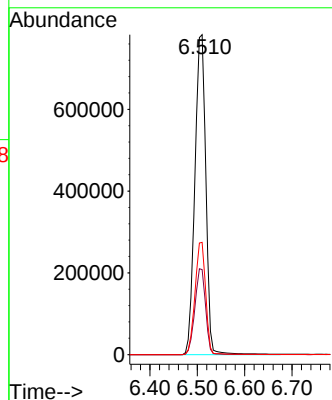
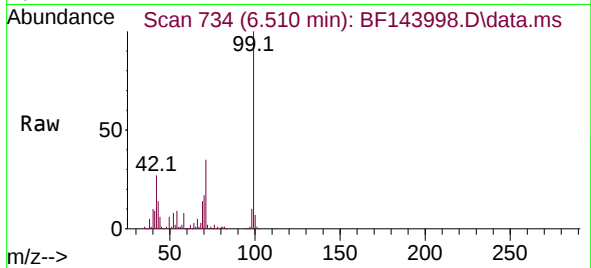




#7
Phenol-d6
Concen: 129.152 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

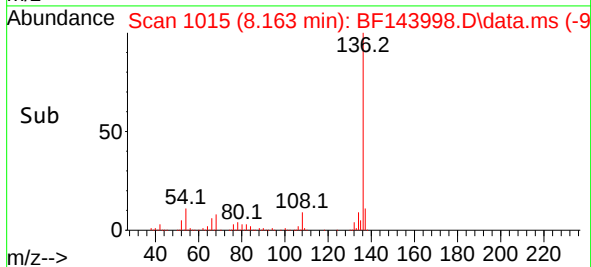
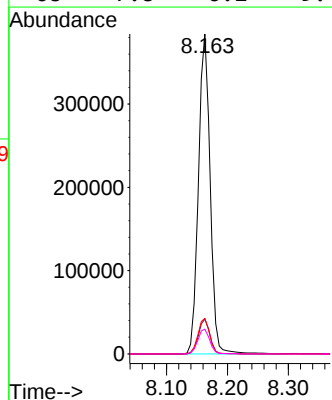
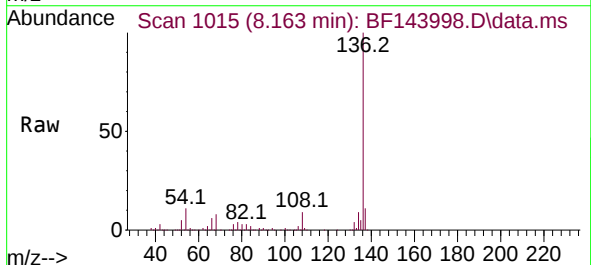
Instrument :
BNA_F
ClientSampleId :
PB170165BL

Tgt Ion: 99 Resp: 1262662
Ion Ratio Lower Upper
99 100
42 26.6 21.0 31.4
71 35.1 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Tgt Ion: 136 Resp: 512745
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.1 8.2 12.4
68 7.8 6.2 9.4





#23

Nitrobenzene-d5

Concen: 95.932 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143998.D

Acq: 20 Oct 2025 13:57

Instrument :

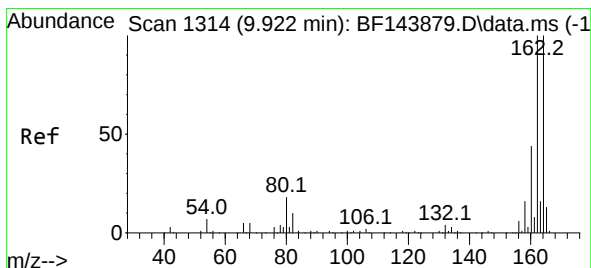
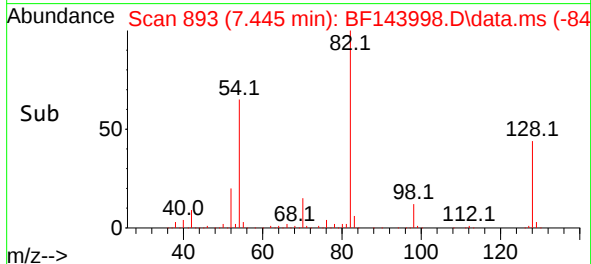
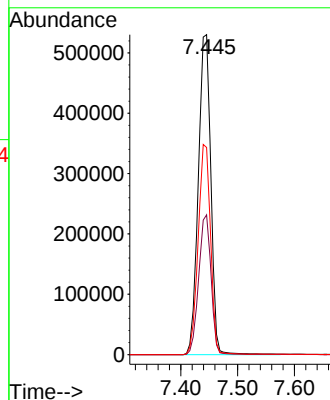
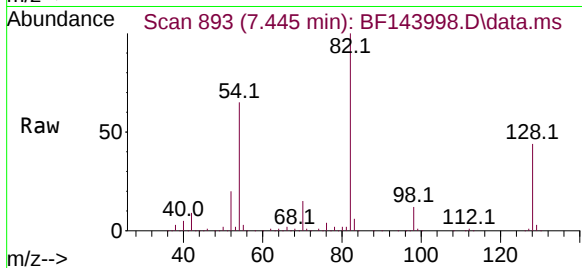
BNA_F

ClientSampleId :

PB170165BL

Tgt Ion: 82 Resp: 809626

Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.0	51.0
54	64.7	53.2	79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

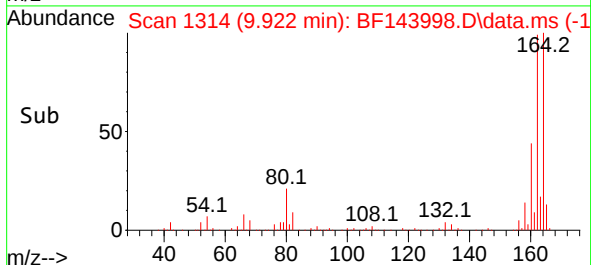
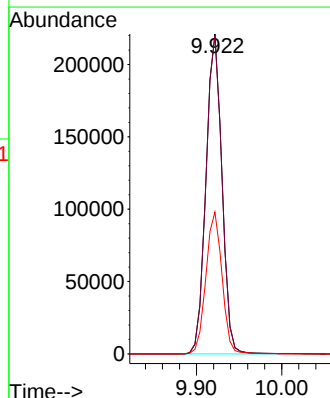
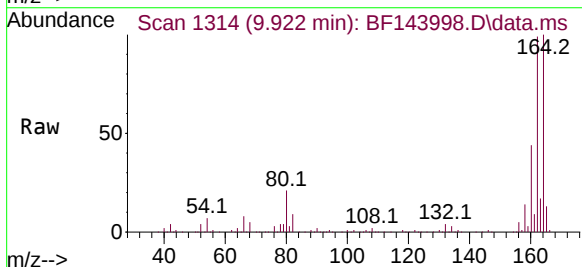
Delta R.T. -0.005 min

Lab File: BF143998.D

Acq: 20 Oct 2025 13:57

Tgt Ion:164 Resp: 286771

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	44.3	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 148.658 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143998.D

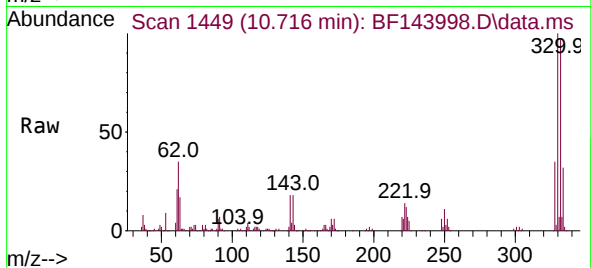
Acq: 20 Oct 2025 13:57

Instrument :

BNA_F

ClientSampleId :

PB170165BL



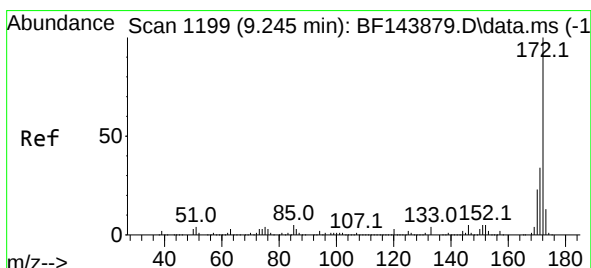
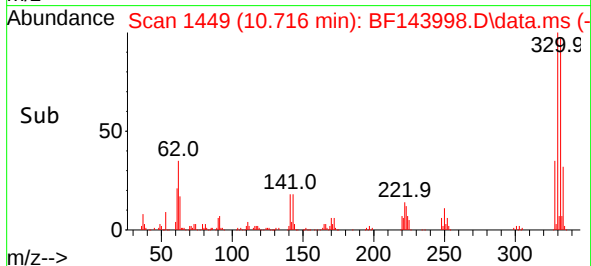
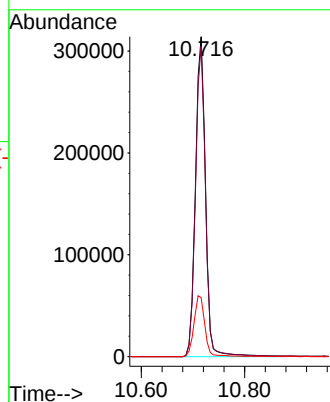
Tgt Ion:330 Resp: 424612

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 20.6 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 83.821 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143998.D

Acq: 20 Oct 2025 13:57

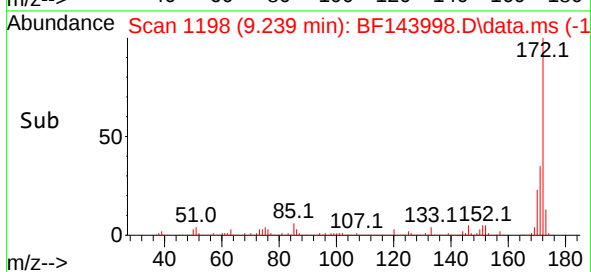
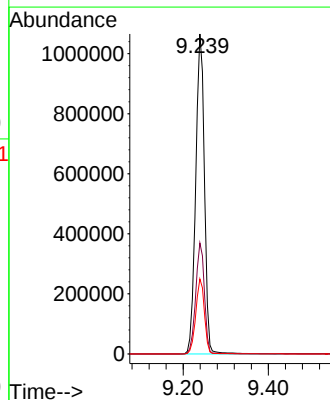
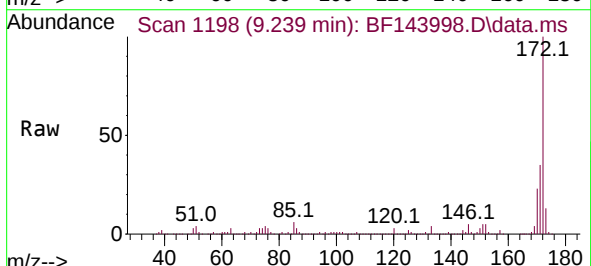
Tgt Ion:172 Resp: 1514889

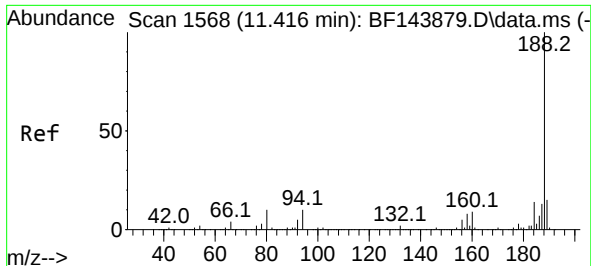
Ion Ratio Lower Upper

172 100

171 34.7 27.4 41.0

170 23.4 18.6 28.0

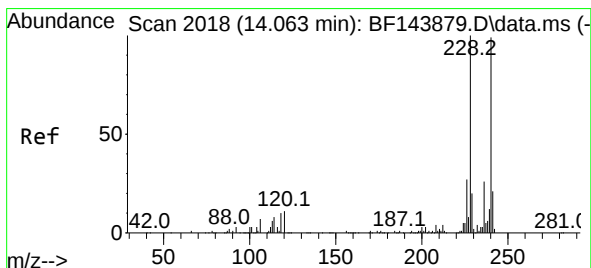
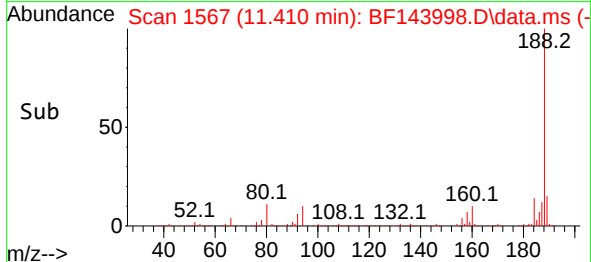
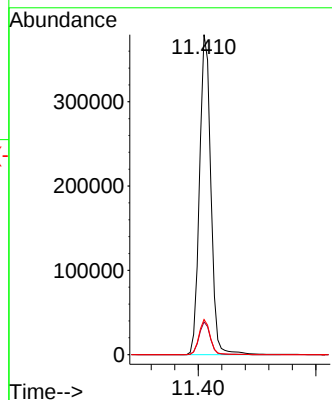
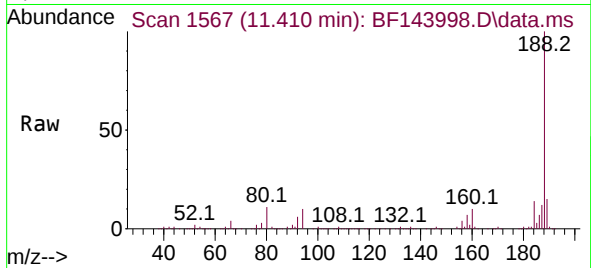




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

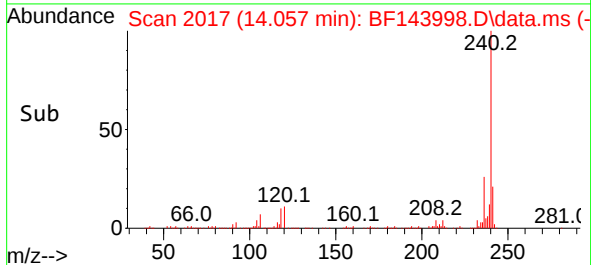
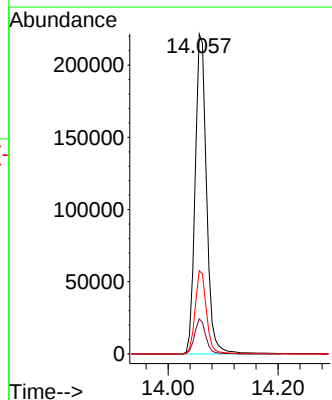
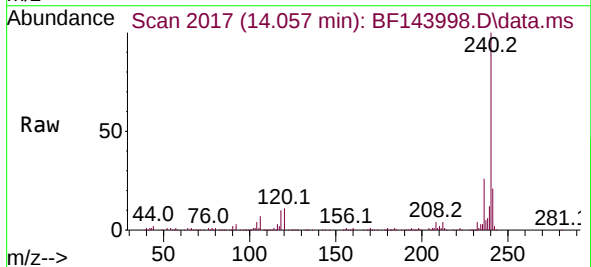
Instrument :
BNA_F
ClientSampleId :
PB170165BL

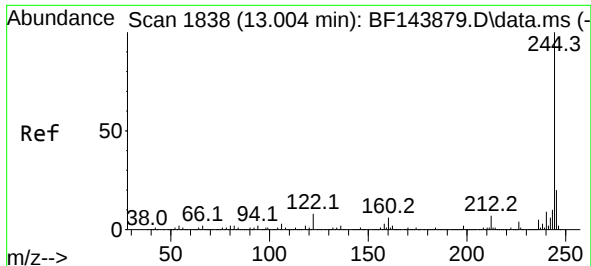
Tgt Ion:188 Resp: 507389
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 11.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Tgt Ion:240 Resp: 319613
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.0 21.1 31.7

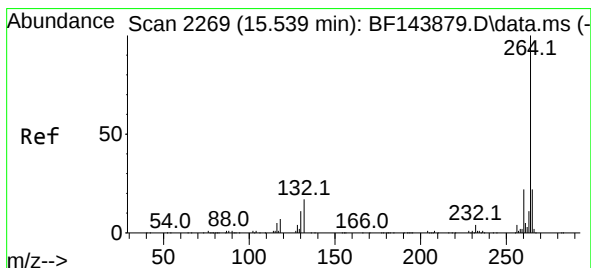
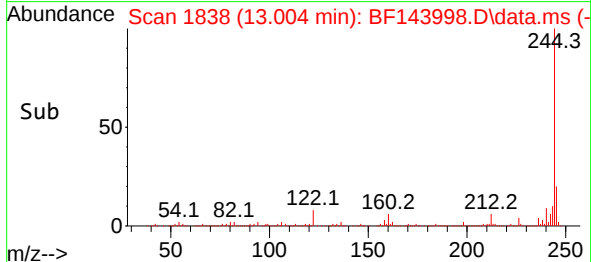
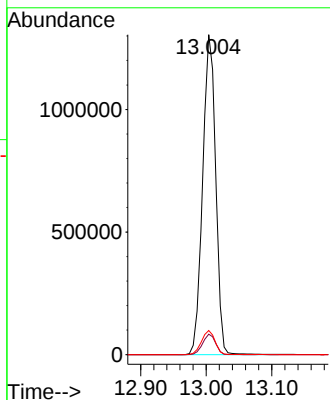
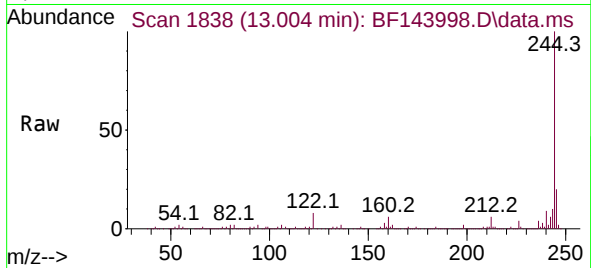




#79
Terphenyl-d14
Concen: 95.835 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Instrument :
BNA_F
ClientSampleId :
PB170165BL

Tgt Ion:244 Resp: 1792209
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 7.5 6.4 9.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF143998.D
Acq: 20 Oct 2025 13:57

Tgt Ion:264 Resp: 267338
Ion Ratio Lower Upper
264 100
260 21.4 17.8 26.8
265 20.5 17.5 26.3

