

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142801.D
 Acq On : 23 Jun 2025 12:12
 Operator : RC/JU
 Sample : PB168570BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168570BL

Quant Time: Jun 24 06:45:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	92887	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	357779	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	192744	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	333657	20.000	ng	0.00
76) Chrysene-d12	14.051	240	209605	20.000	ng	0.00
86) Perylene-d12	15.545	264	160422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	807192	144.683	ng	0.02
7) Phenol-d6	6.510	99	971941	147.662	ng	0.00
23) Nitrobenzene-d5	7.445	82	604392	92.659	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	305539	154.043	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1250128	85.204	ng	0.00
79) Terphenyl-d14	12.998	244	1306581	86.129	ng	0.00

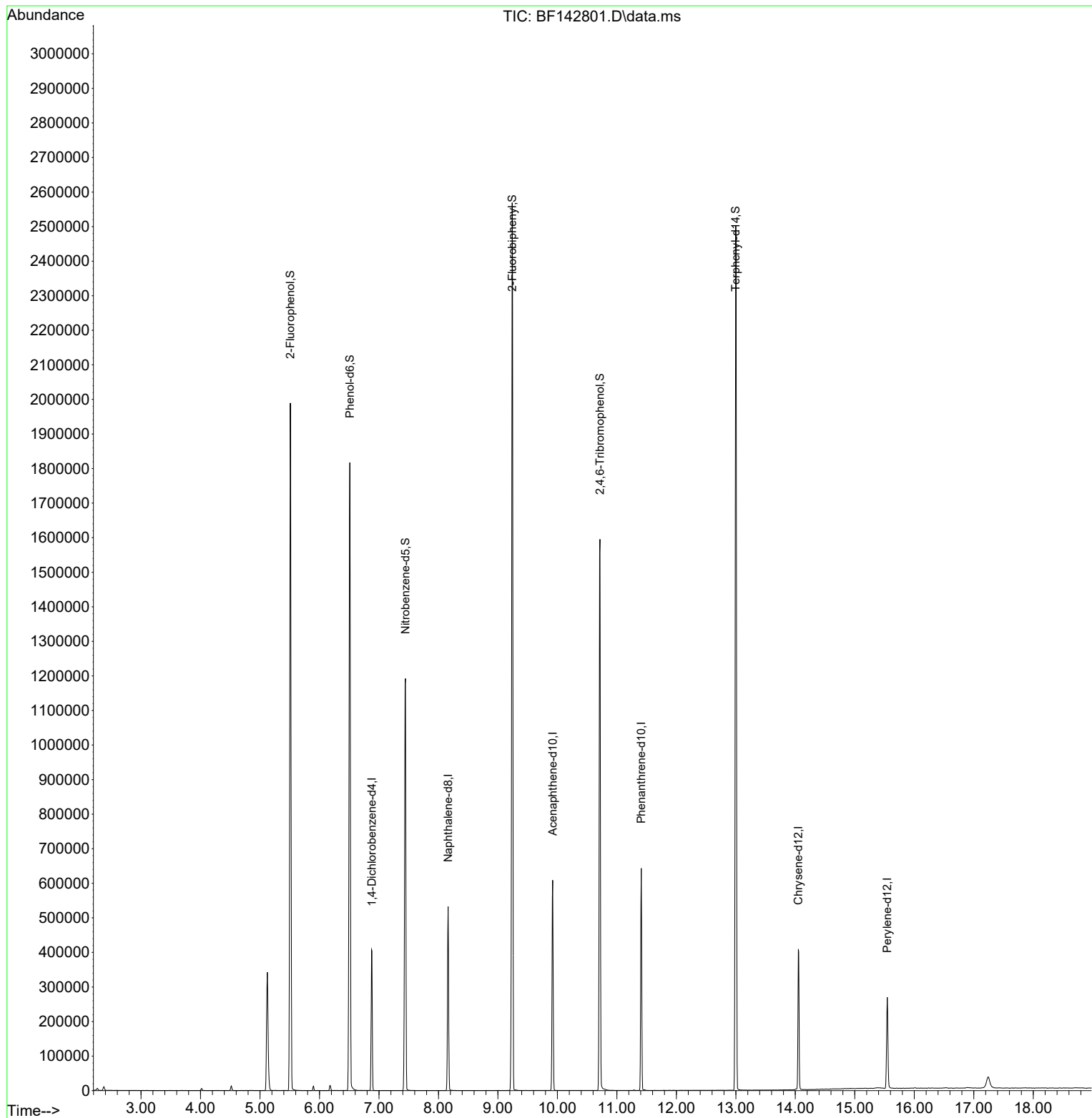
Target Compounds	Qvalue

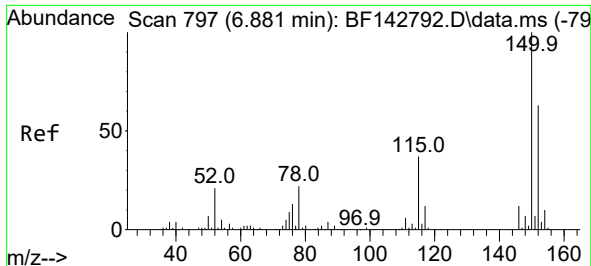
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
Data File : BF142801.D
Acq On : 23 Jun 2025 12:12
Operator : RC/JU
Sample : PB168570BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168570BL

Quant Time: Jun 24 06:45:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

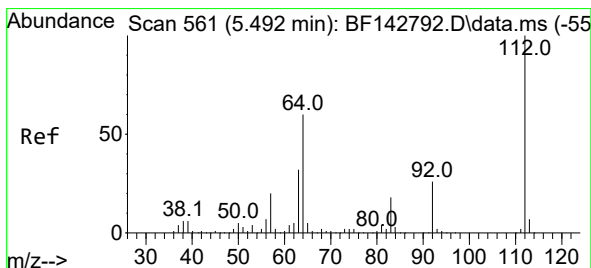
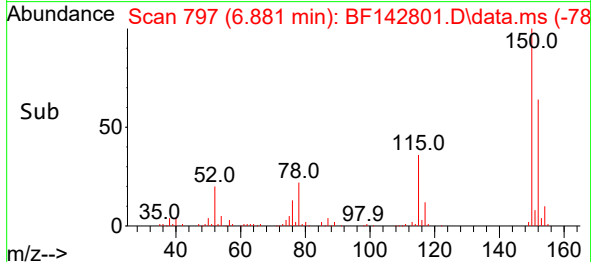
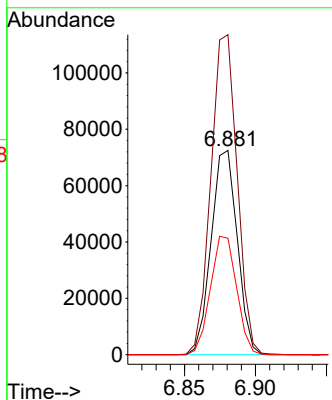
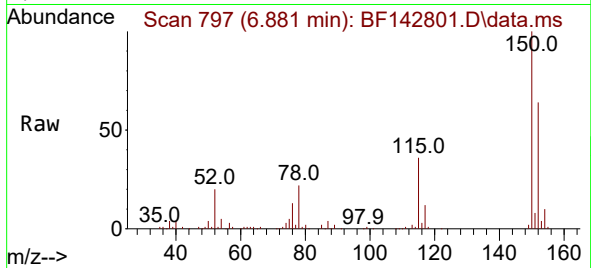




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

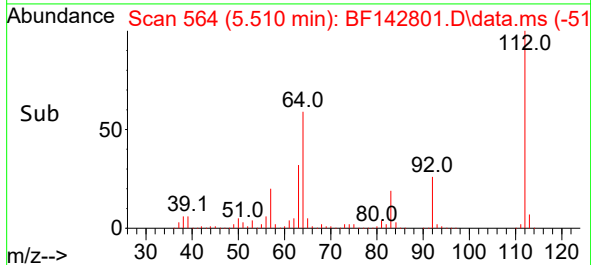
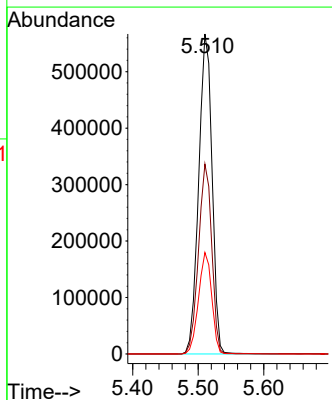
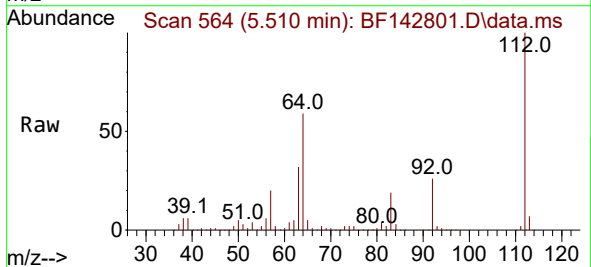
Instrument :
BNA_F
ClientSampleId :
PB168570BL

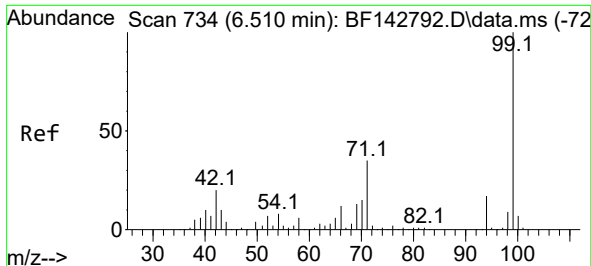
Tgt Ion:152 Resp: 92887
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 57.0 46.6 69.8



#5
2-Fluorophenol
Concen: 144.683 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.018 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

Tgt Ion:112 Resp: 807192
Ion Ratio Lower Upper
112 100
64 59.4 48.2 72.2
63 31.7 25.7 38.5

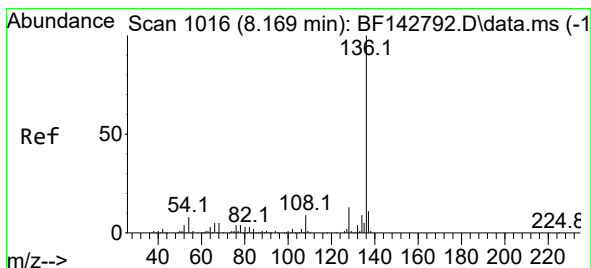
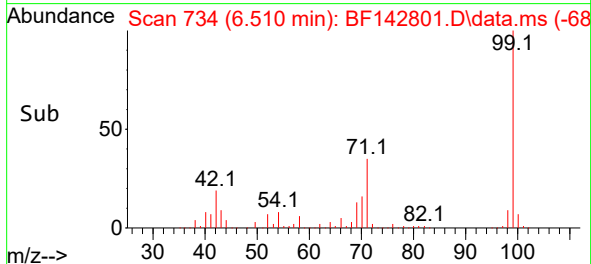
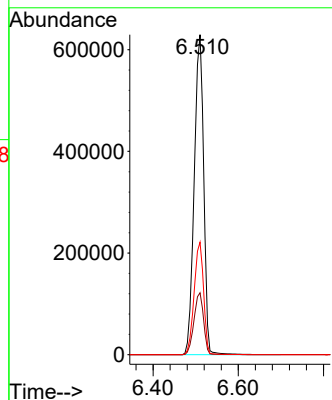
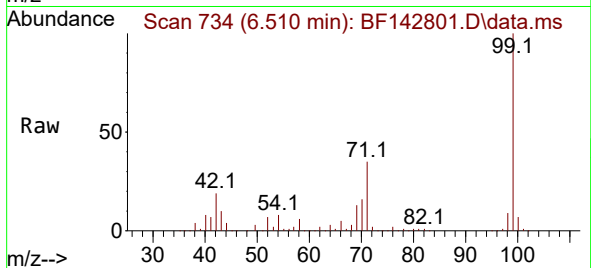




#7
Phenol-d6
Concen: 147.662 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

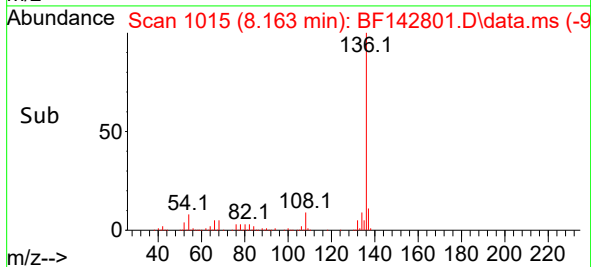
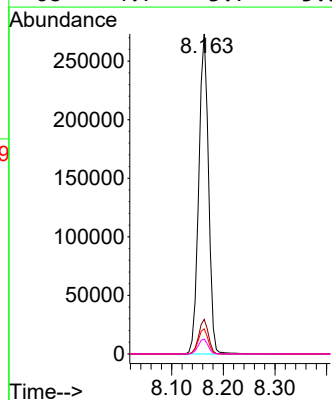
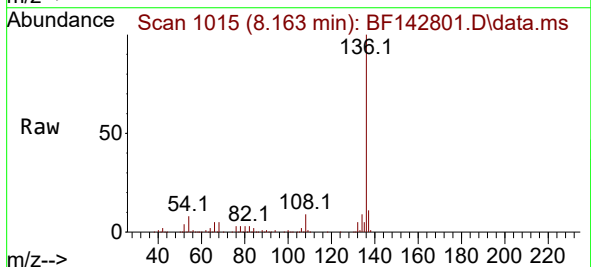
Instrument :
BNA_F
ClientSampleId :
PB168570BL

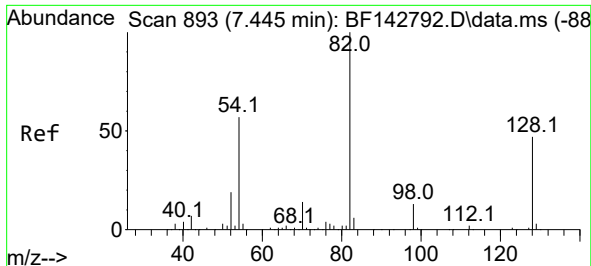
Tgt Ion: 99 Resp: 971941
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 35.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

Tgt Ion:136 Resp: 357779
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.9 6.3 9.5
68 4.7 3.7 5.5

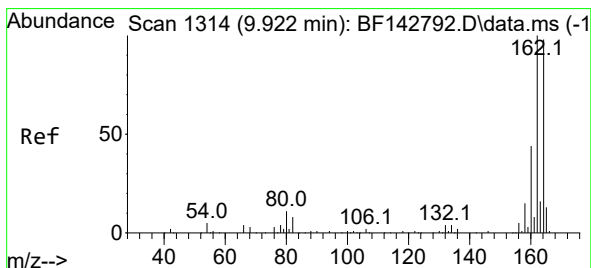
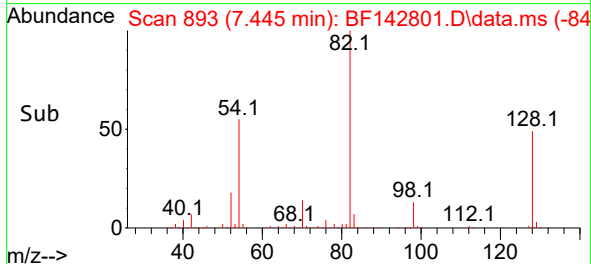
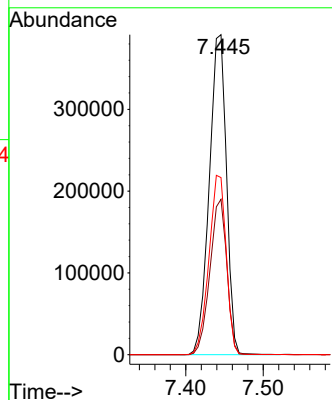
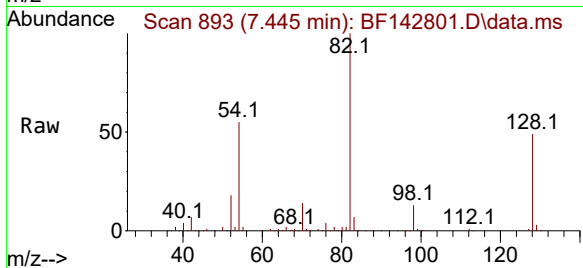




#23
 Nitrobenzene-d5
 Concen: 92.659 ng
 RT: 7.445 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: BF142801.D
 Acq: 23 Jun 2025 12:12

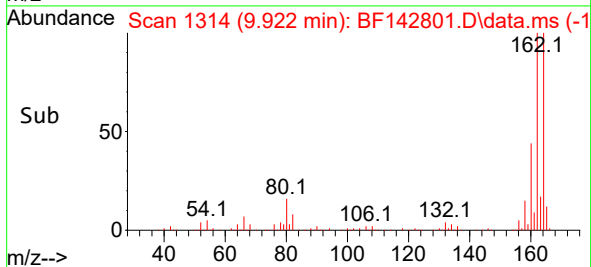
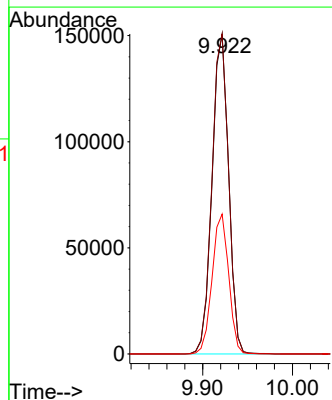
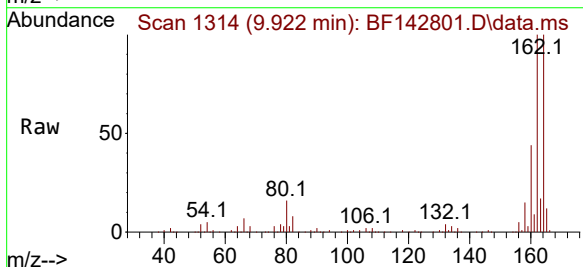
Instrument :
 BNA_F
 ClientSampleId :
 PB168570BL

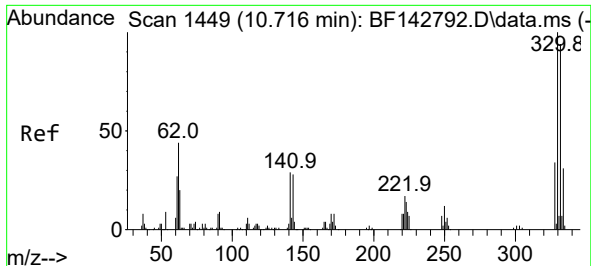
Tgt Ion: 82 Resp: 604392
 Ion Ratio Lower Upper
 82 100
 128 48.6 37.7 56.5
 54 55.4 45.7 68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: BF142801.D
 Acq: 23 Jun 2025 12:12

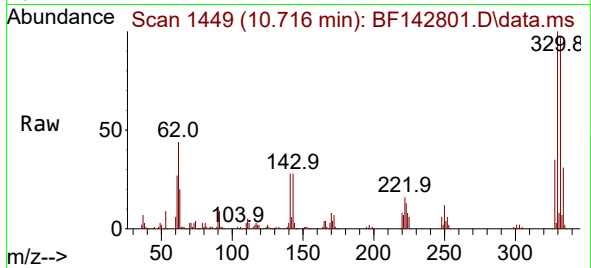
Tgt Ion:164 Resp: 192744
 Ion Ratio Lower Upper
 164 100
 162 100.2 81.8 122.8
 160 43.8 36.0 54.0



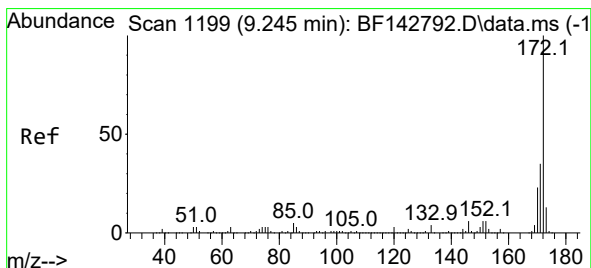
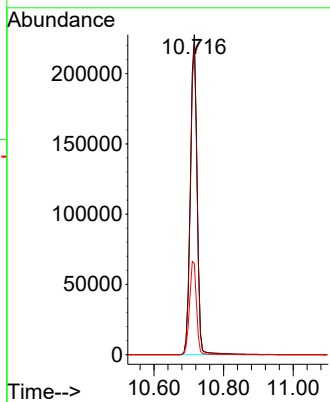
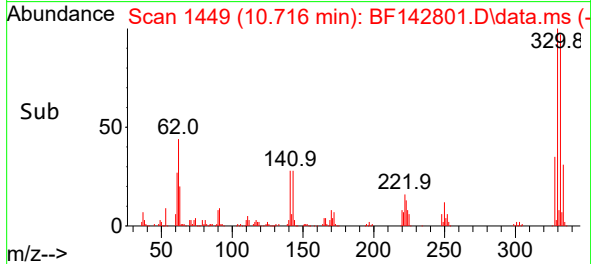


#42
2,4,6-Tribromophenol
Concen: 154.043 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

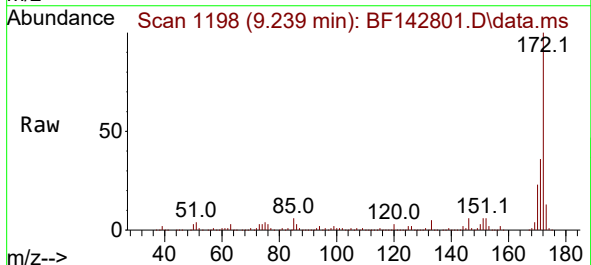
Instrument :
BNA_F
ClientSampleId :
PB168570BL



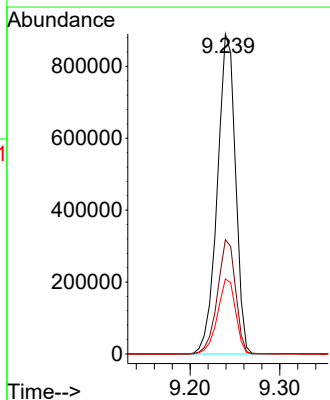
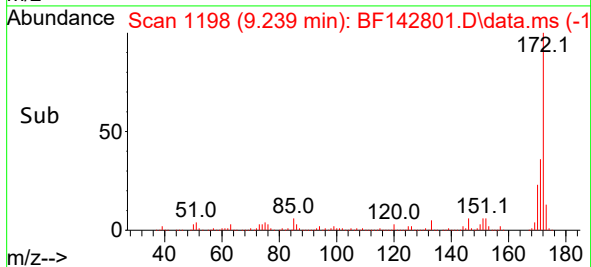
Tgt Ion:330 Resp: 305539
Ion Ratio Lower Upper
330 100
332 96.2 75.0 112.6
141 30.2 25.3 37.9

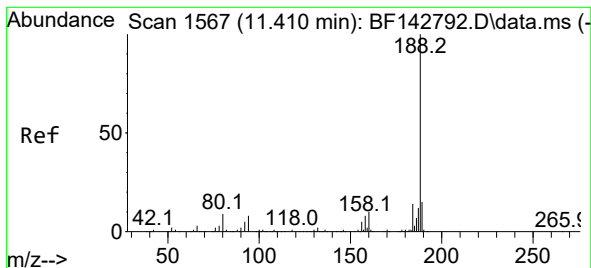


#45
2-Fluorobiphenyl
Concen: 85.204 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12



Tgt Ion:172 Resp: 1250128
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.5 18.5 27.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142801.D

Acq: 23 Jun 2025 12:12

Instrument :

BNA_F

ClientSampleId :

PB168570BL

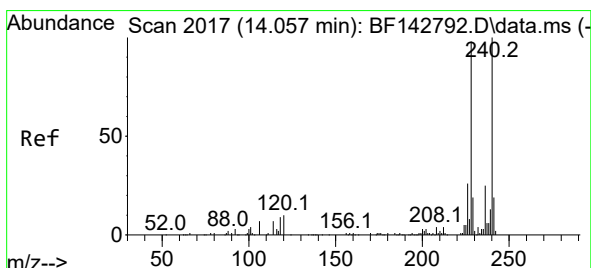
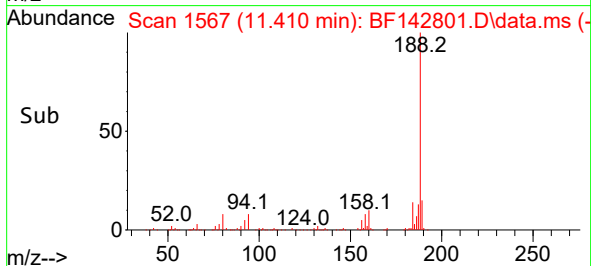
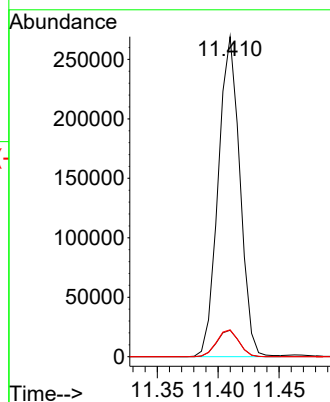
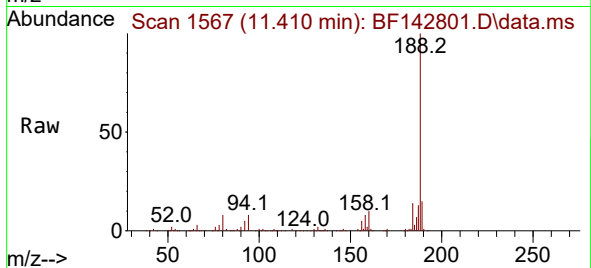
Tgt Ion:188 Resp: 333657

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.4 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF142801.D

Acq: 23 Jun 2025 12:12

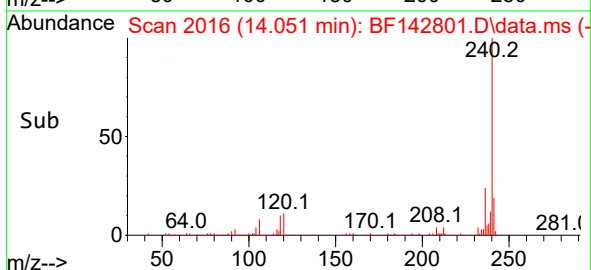
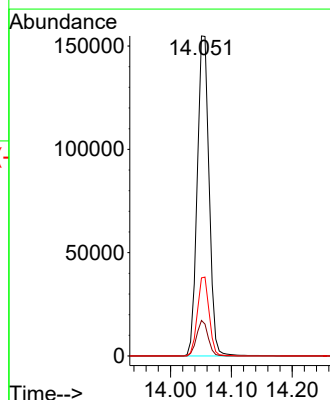
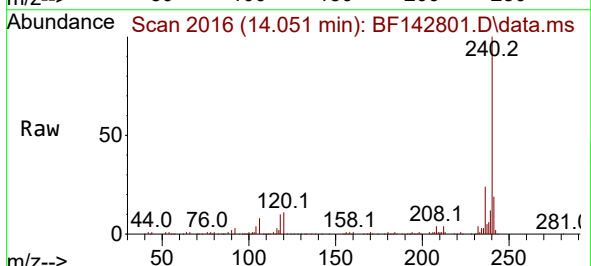
Tgt Ion:240 Resp: 209605

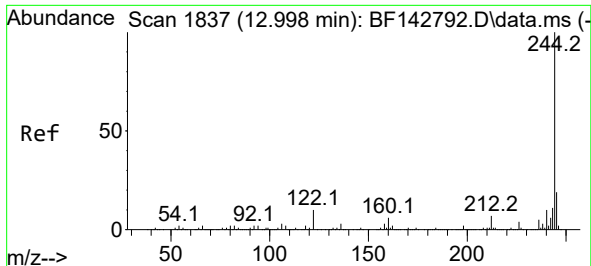
Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.2

236 24.4 19.8 29.8

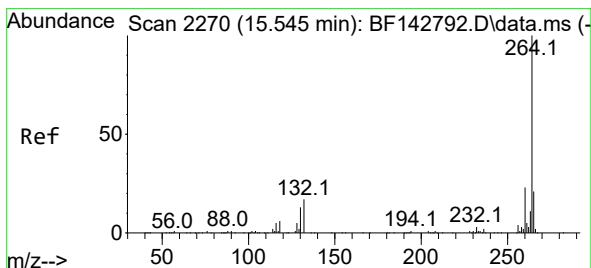
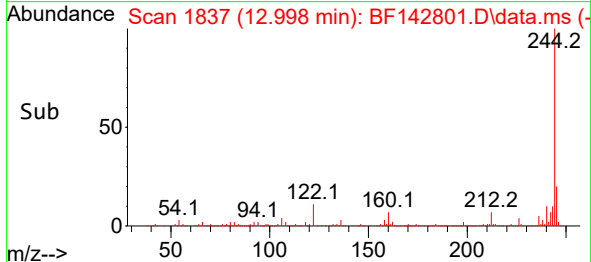
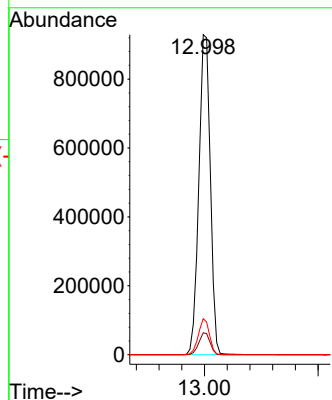
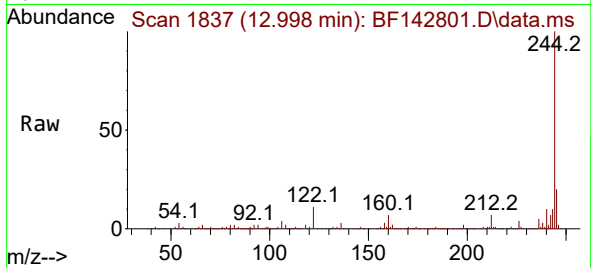




#79
Terphenyl-d14
Concen: 86.129 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

Instrument :
BNA_F
ClientSampleId :
PB168570BL

Tgt Ion:244 Resp: 1306581
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.3 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142801.D
Acq: 23 Jun 2025 12:12

Tgt Ion:264 Resp: 160422
Ion Ratio Lower Upper
264 100
260 22.5 18.1 27.1
265 21.4 16.6 25.0

