

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143932.D
 Acq On : 13 Oct 2025 15:01
 Operator : RC/JU
 Sample : PB170067BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170067BL

Quant Time: Oct 13 15:42:01 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	131773	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	514679	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	287657	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	511698	20.000	ng	0.00
76) Chrysene-d12	14.063	240	308394	20.000	ng	0.00
86) Perylene-d12	15.545	264	280189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1078716	129.995	ng	0.01
7) Phenol-d6	6.510	99	1273602	128.764	ng	0.00
23) Nitrobenzene-d5	7.445	82	807591	95.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	416627	145.413	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1495952	82.518	ng	-0.01
79) Terphenyl-d14	13.004	244	1760254	97.551	ng	0.00

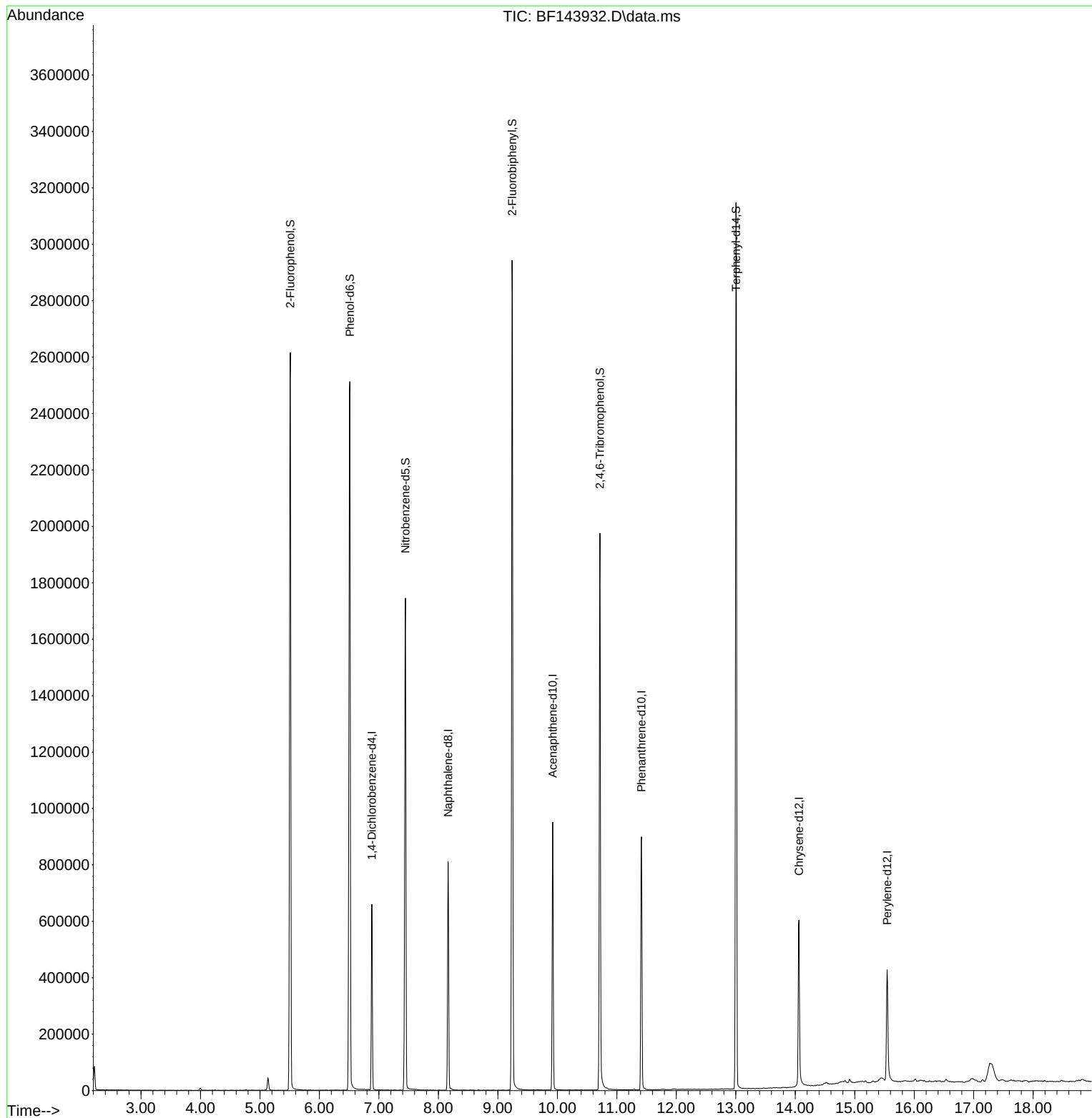
Target Compounds	Qvalue

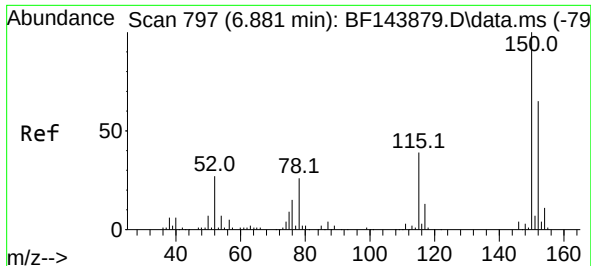
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143932.D
Acq On : 13 Oct 2025 15:01
Operator : RC/JU
Sample : PB170067BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170067BL

Quant Time: Oct 13 15:42:01 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

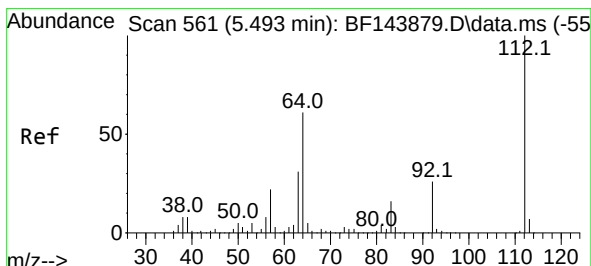
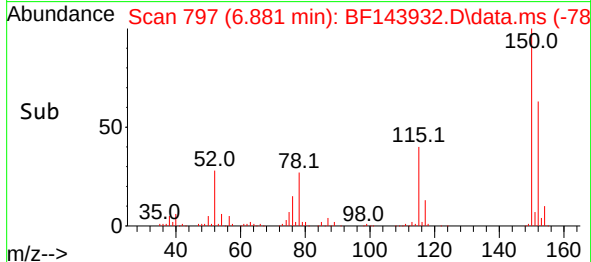
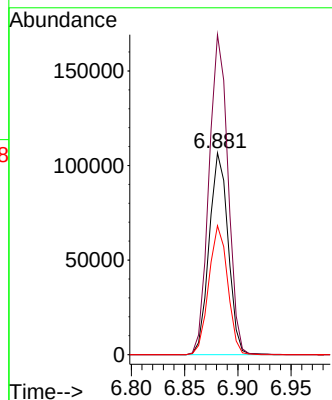
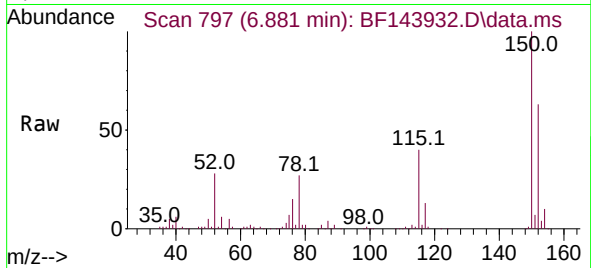




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

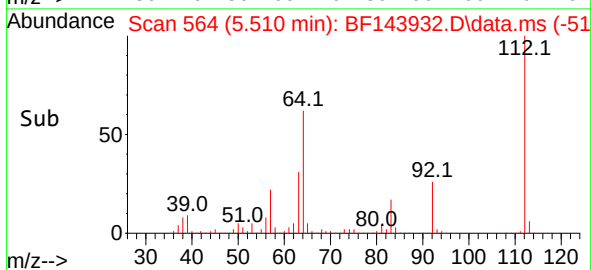
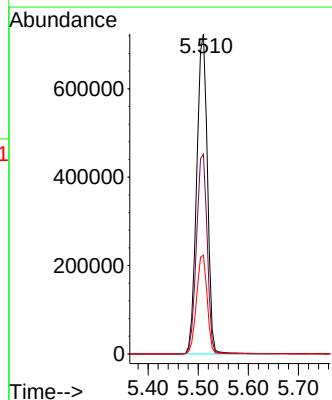
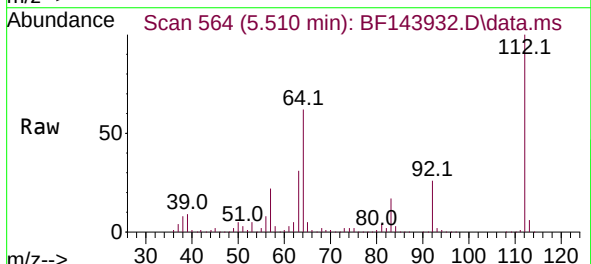
Instrument :
BNA_F
ClientSampleId :
PB170067BL

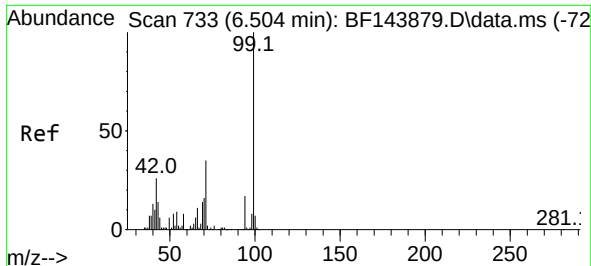
Tgt Ion:152 Resp: 131773
Ion Ratio Lower Upper
152 100
150 158.7 124.4 186.6
115 63.9 48.1 72.1



#5
2-Fluorophenol
Concen: 129.995 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion:112 Resp: 1078716
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 30.9 24.5 36.7



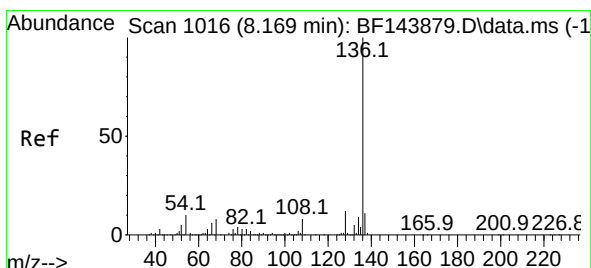
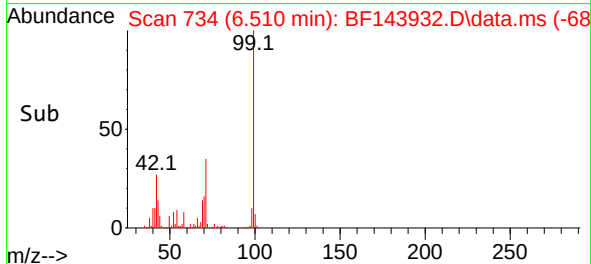
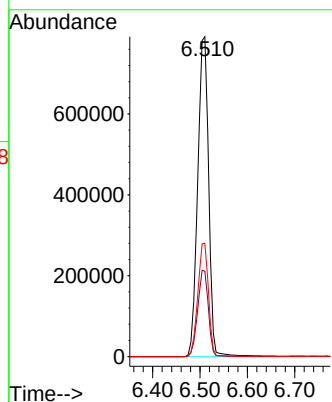
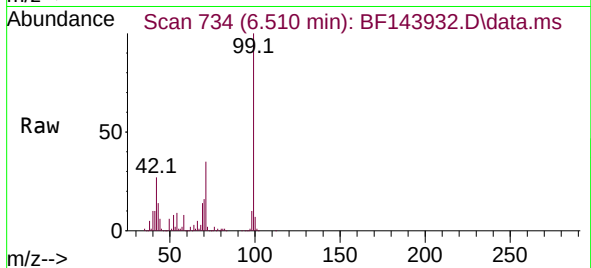


#7
Phenol-d6
Concen: 128.764 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB170067BL

Tgt Ion: 99 Resp: 1273602

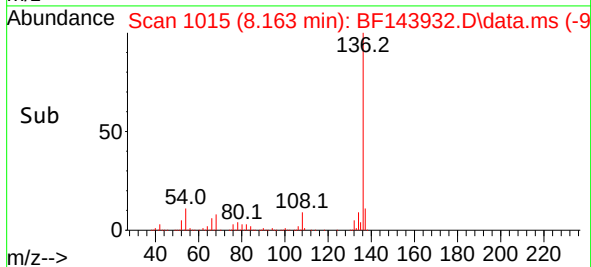
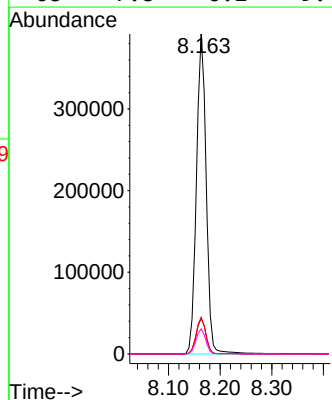
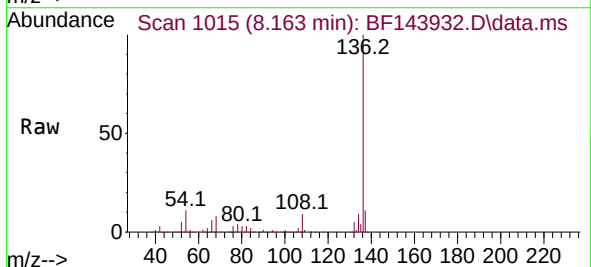
Ion	Ratio	Lower	Upper
99	100		
42	26.7	21.0	31.4
71	35.4	27.8	41.8

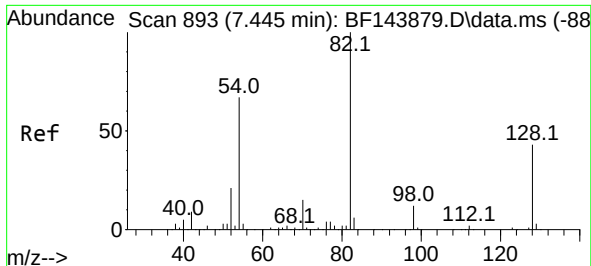


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion: 136 Resp: 514679

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.5	8.2	12.4
68	7.8	6.2	9.4





#23

Nitrobenzene-d5

Concen: 95.331 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143932.D

Acq: 13 Oct 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB170067BL

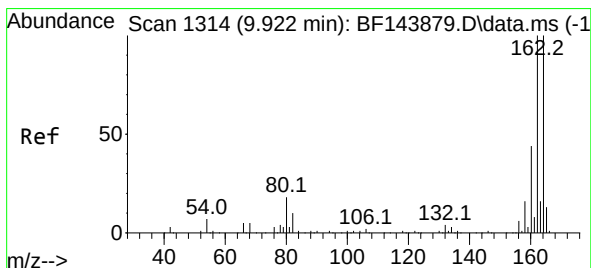
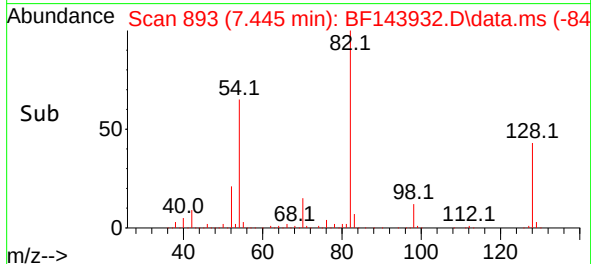
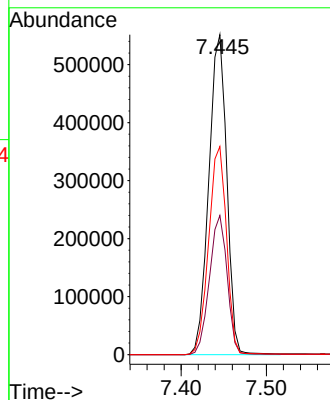
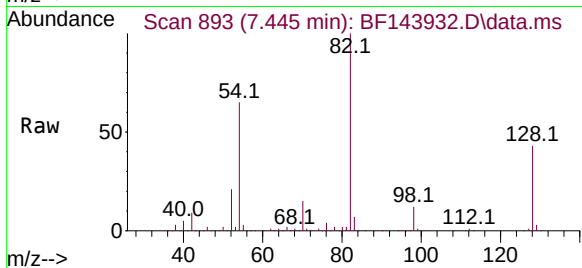
Tgt Ion: 82 Resp: 807591

Ion Ratio Lower Upper

82 100

128 43.5 34.0 51.0

54 65.0 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: BF143932.D

Acq: 13 Oct 2025 15:01

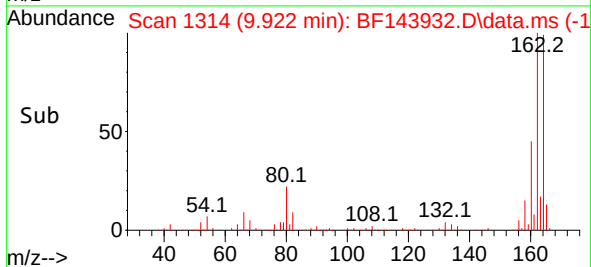
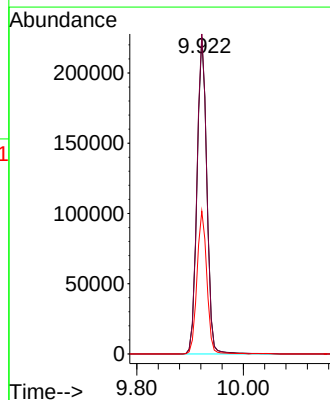
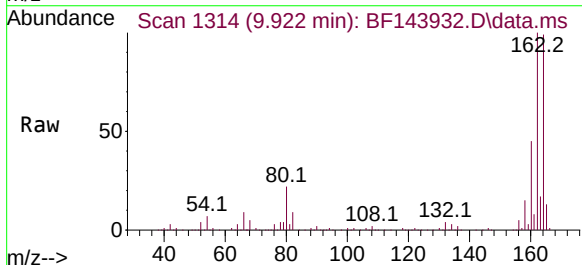
Tgt Ion:164 Resp: 287657

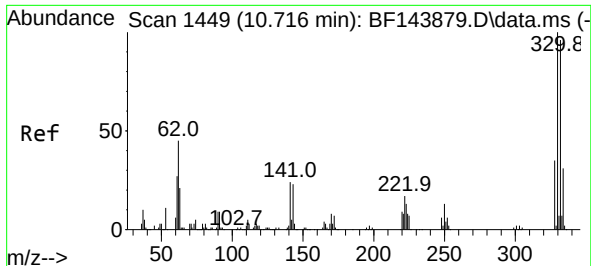
Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

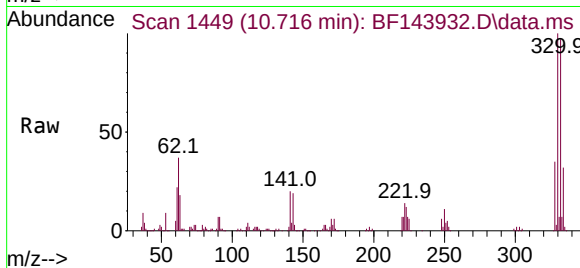
160 45.1 35.4 53.0



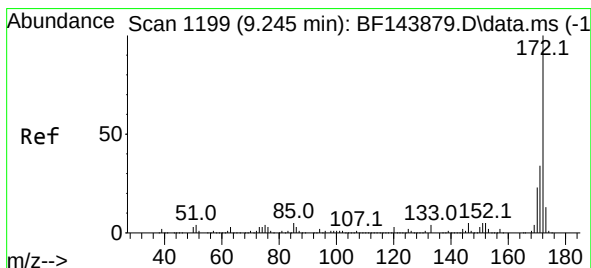
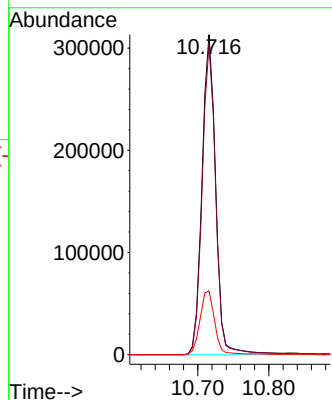
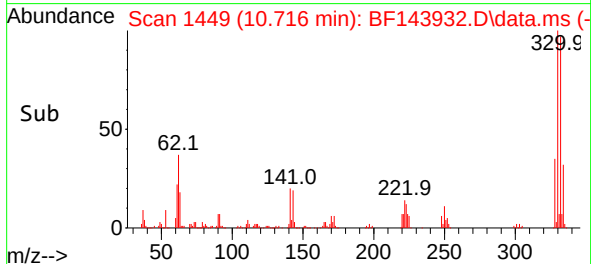


#42
2,4,6-Tribromophenol
Concen: 145.413 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

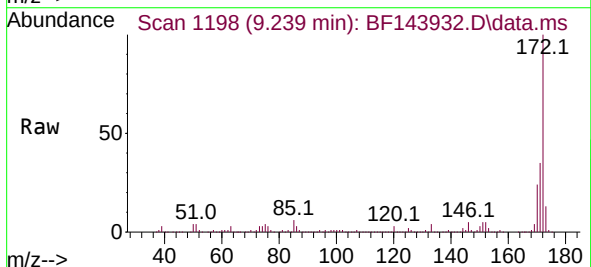
Instrument :
BNA_F
ClientSampleId :
PB170067BL



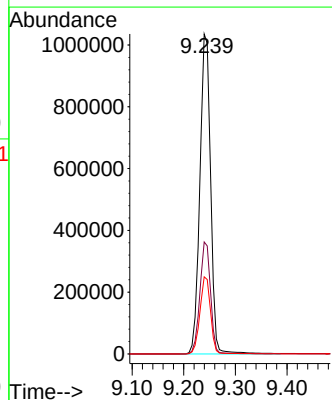
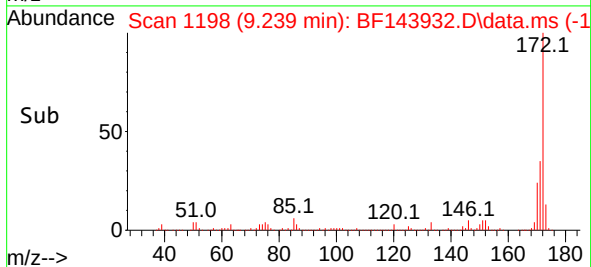
Tgt Ion:330 Resp: 416627
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 21.6 20.2 30.4

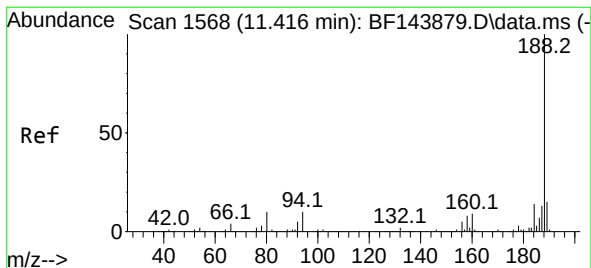


#45
2-Fluorobiphenyl
Concen: 82.518 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01



Tgt Ion:172 Resp: 1495952
Ion Ratio Lower Upper
172 100
171 35.0 27.4 41.0
170 24.1 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1568

Delta R.T. 0.000 min

Lab File: BF143932.D

Acq: 13 Oct 2025 15:01

Instrument :

BNA_F

ClientSampleId :

PB170067BL

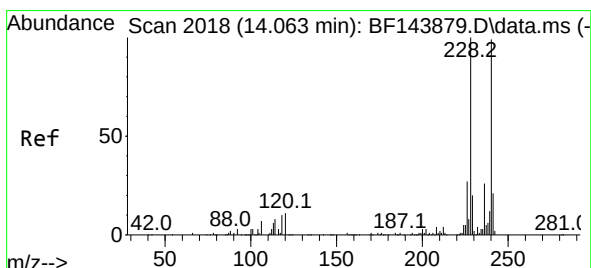
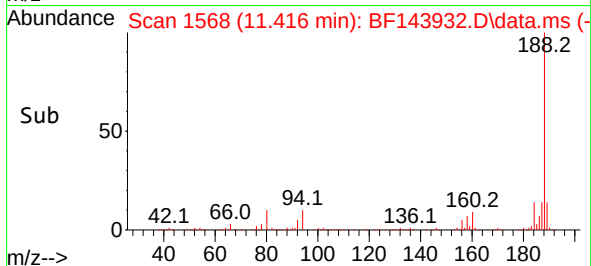
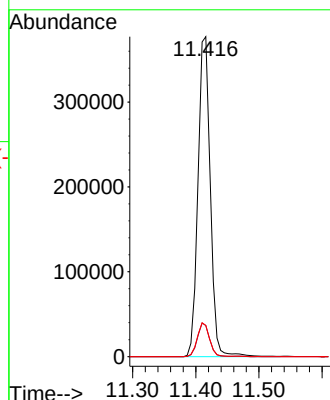
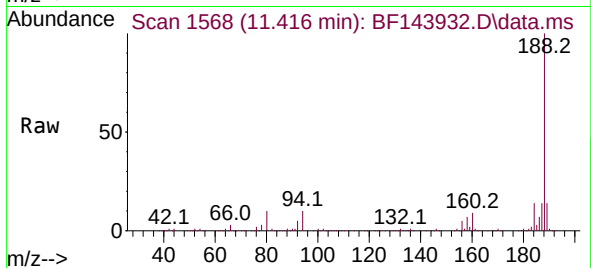
Tgt Ion:188 Resp: 511698

Ion Ratio Lower Upper

188 100

94 9.7 7.8 11.6

80 9.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.005 min

Lab File: BF143932.D

Acq: 13 Oct 2025 15:01

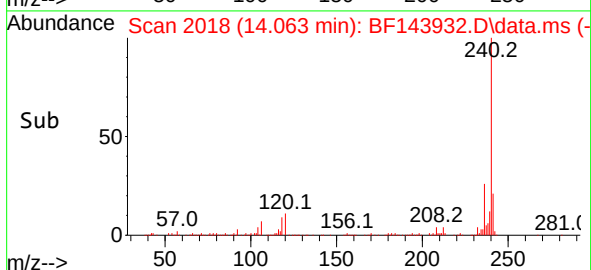
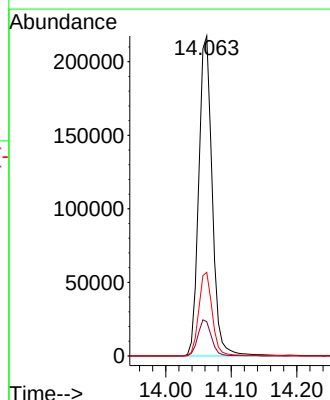
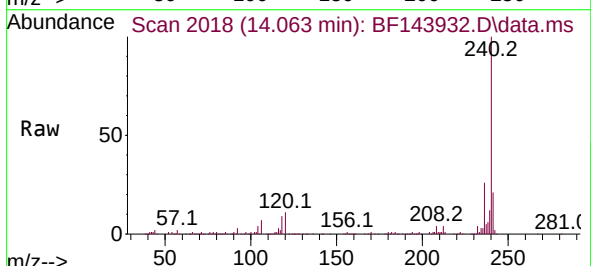
Tgt Ion:240 Resp: 308394

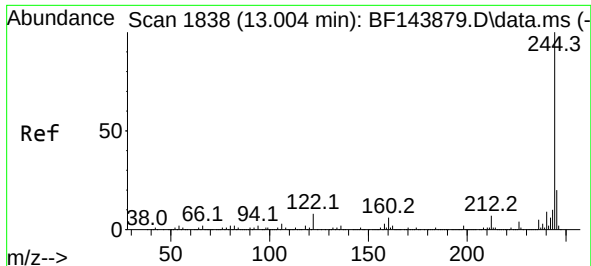
Ion Ratio Lower Upper

240 100

120 10.7 8.6 13.0

236 26.1 21.1 31.7

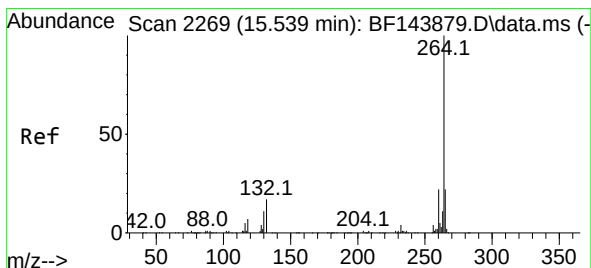
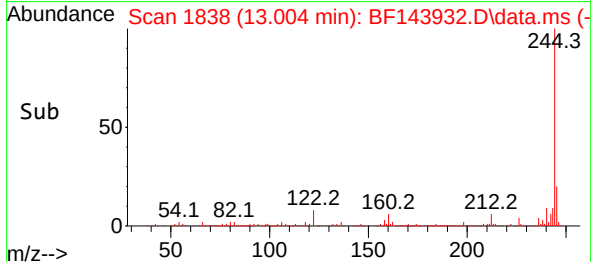
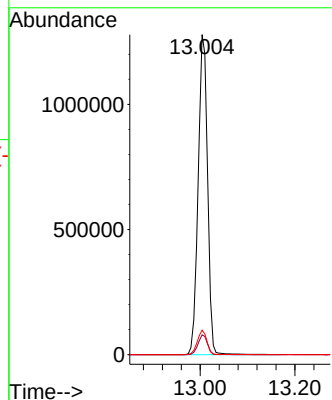
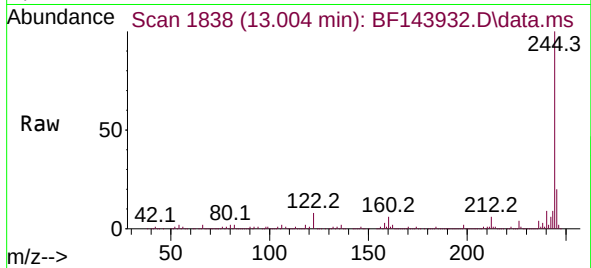




#79
Terphenyl-d14
Concen: 97.551 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF143932.D
Acq: 13 Oct 2025 15:01

Instrument :
BNA_F
ClientSampleId :
PB170067BL

Tgt Ion:244 Resp: 1760254
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.0
122 7.6 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: BF143932.D
Acq: 13 Oct 2025 15:01

Tgt Ion:264 Resp: 280189
Ion Ratio Lower Upper
264 100
260 22.0 17.8 26.8
265 20.7 17.5 26.3

