

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143619.D
 Acq On : 28 Aug 2025 19:42
 Operator : RC/JU
 Sample : Q2971-25
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP7

Quant Time: Aug 29 01:09:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 26 16:30:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	98698	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	380525	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	218063	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	362907	20.000	ng	0.00
76) Chrysene-d12	14.045	240	180809	20.000	ng	0.00
86) Perylene-d12	15.521	264	188648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	428490	73.890	ng	0.00
7) Phenol-d6	6.504	99	545575	75.959	ng	0.00
23) Nitrobenzene-d5	7.445	82	332042	62.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	156655	91.864	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	693466	54.372	ng	0.00
79) Terphenyl-d14	12.992	244	681547	67.642	ng	0.00

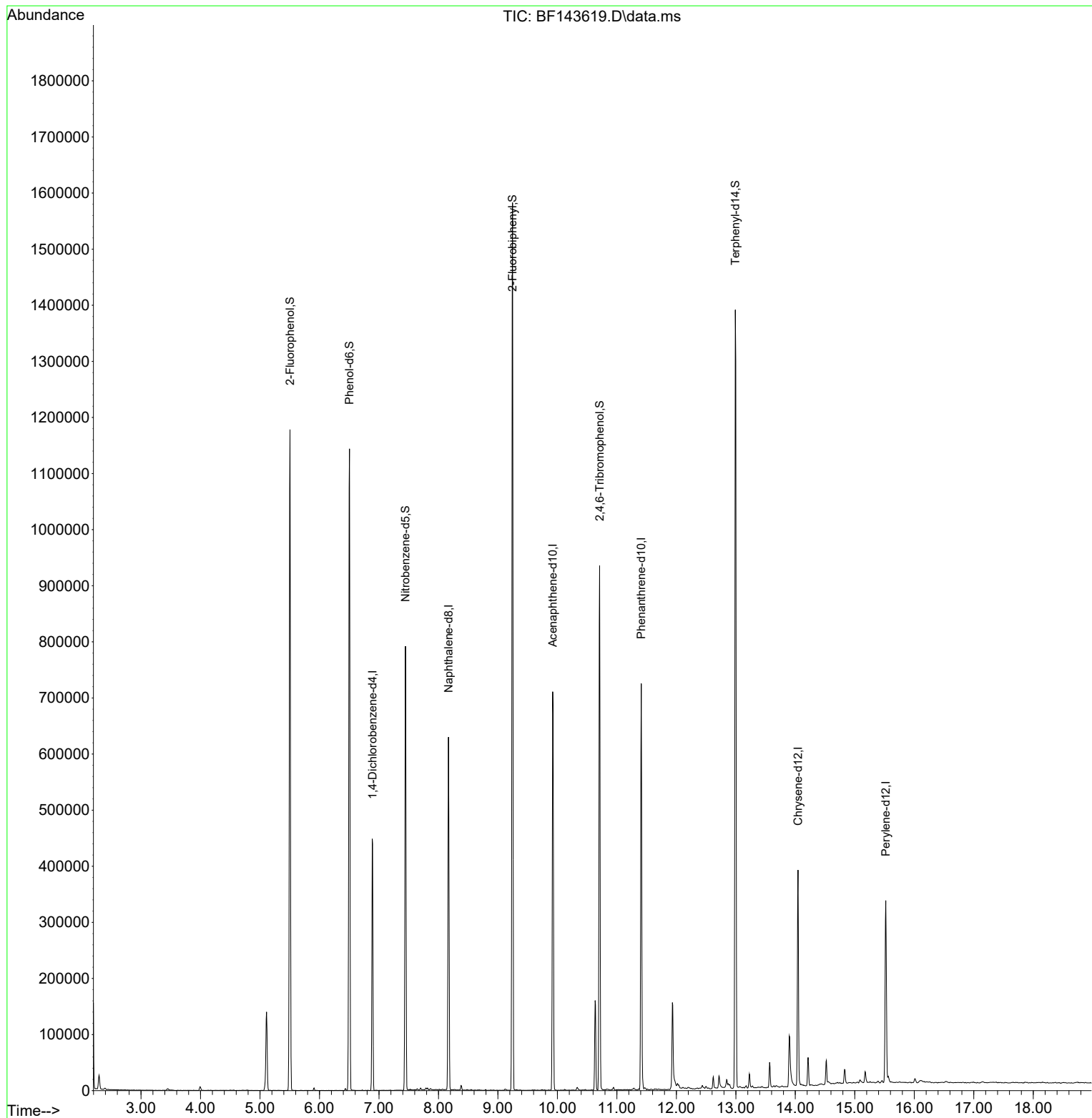
Target Compounds	Qvalue

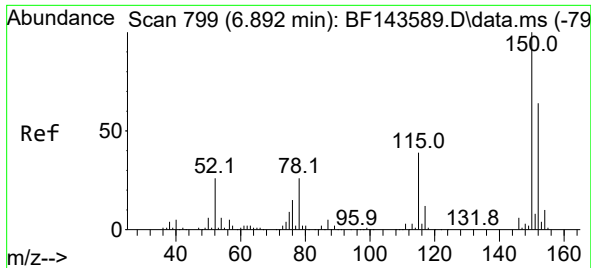
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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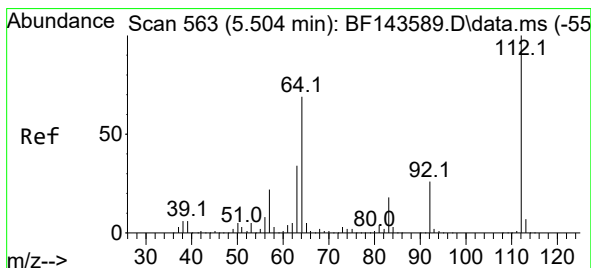
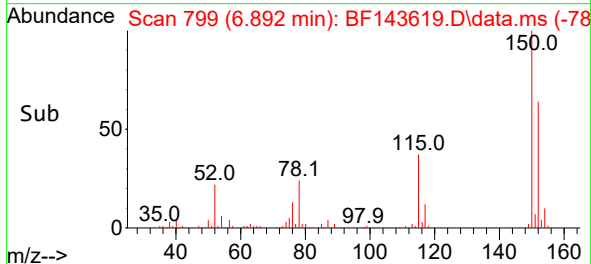
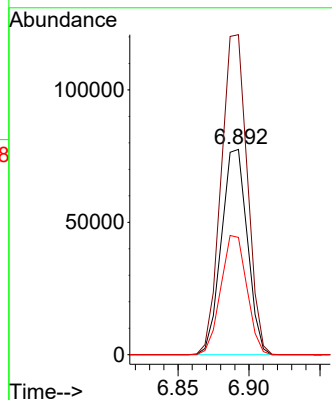
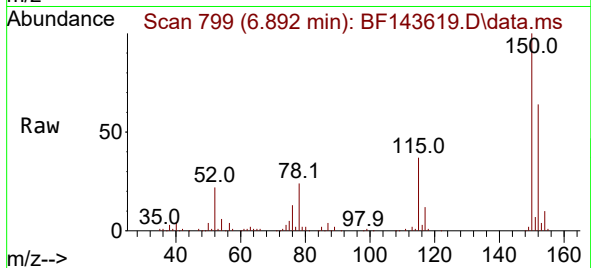




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: BF143619.D
 Acq: 28 Aug 2025 19:42

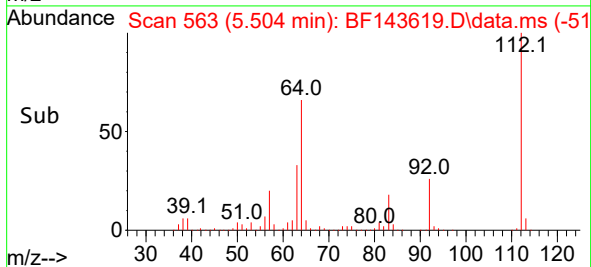
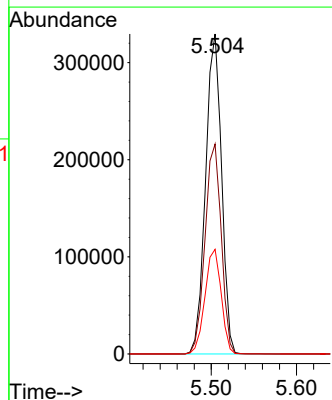
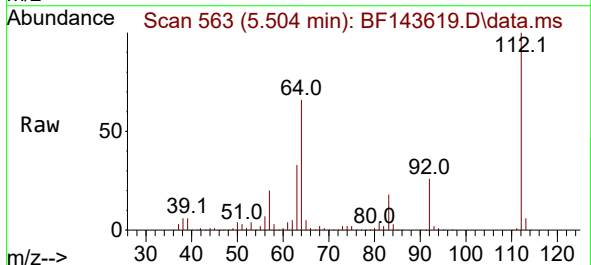
Instrument :
 BNA_F
 ClientSampleId :
 TP7

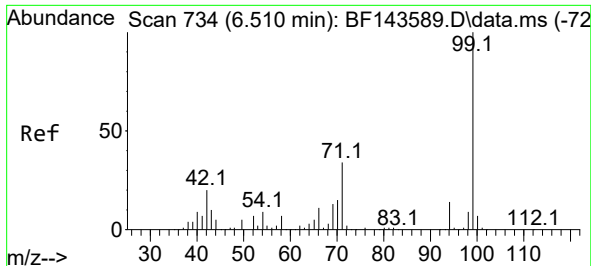
Tgt Ion:152 Resp: 98698
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.9 187.3
 115 57.1 48.0 72.0



#5
 2-Fluorophenol
 Concen: 73.890 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: BF143619.D
 Acq: 28 Aug 2025 19:42

Tgt Ion:112 Resp: 428490
 Ion Ratio Lower Upper
 112 100
 64 65.6 54.8 82.2
 63 32.7 27.6 41.4

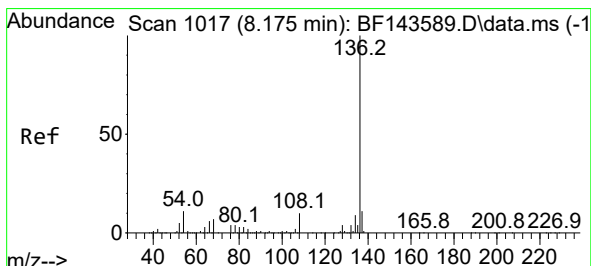
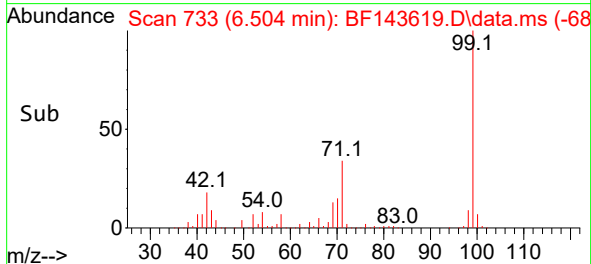
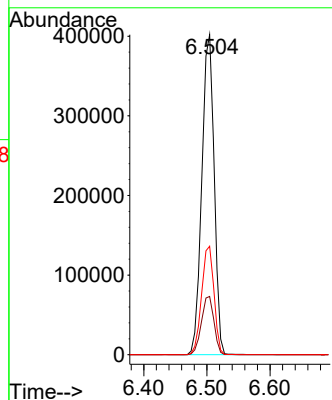
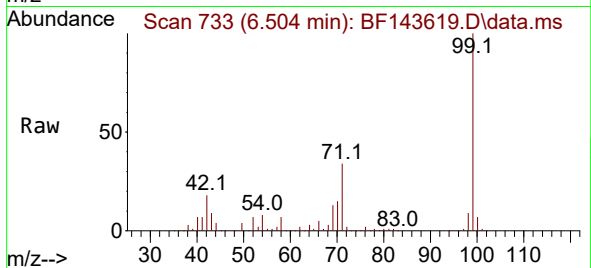




#7
Phenol-d6
Concen: 75.959 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

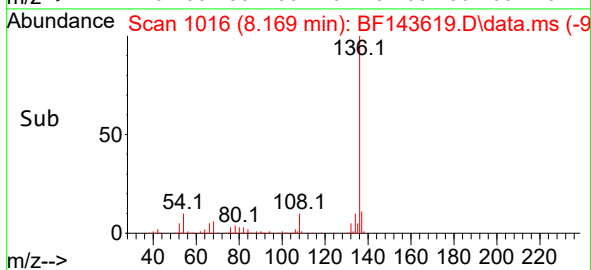
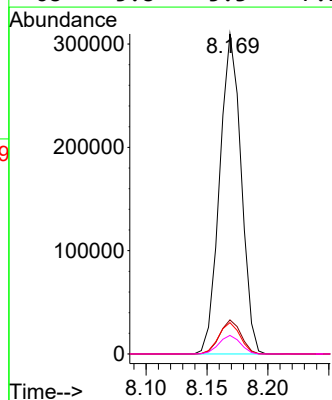
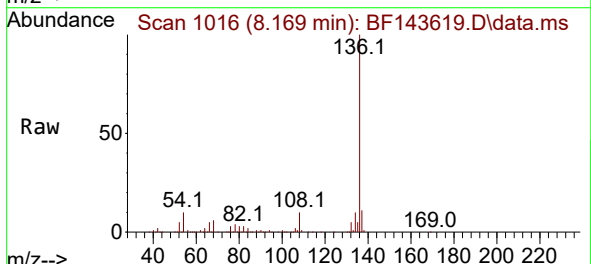
Instrument :
BNA_F
ClientSampleId :
TP7

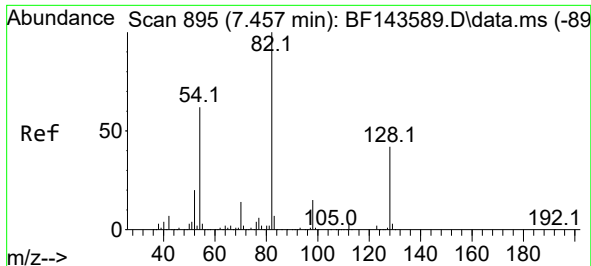
Tgt Ion: 99 Resp: 545575
Ion Ratio Lower Upper
99 100
42 18.2 15.9 23.9
71 33.9 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

Tgt Ion:136 Resp: 380525
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 9.0 13.6
68 5.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 62.304 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF143619.D

Acq: 28 Aug 2025 19:42

Instrument :

BNA_F

ClientSampleId :

TP7

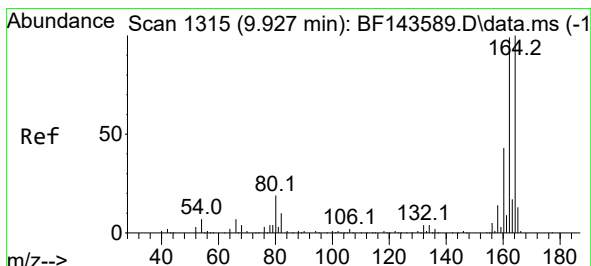
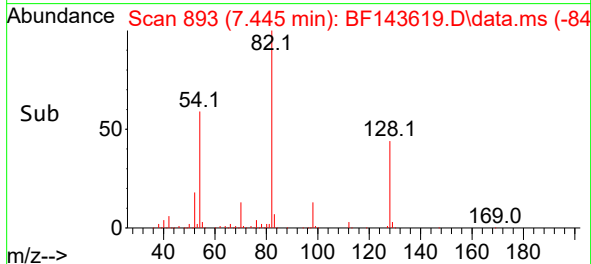
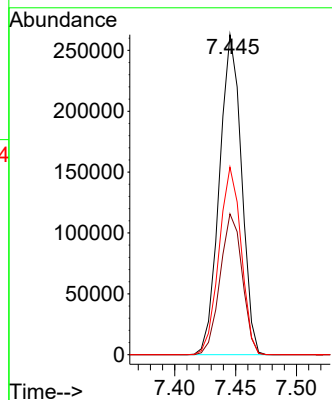
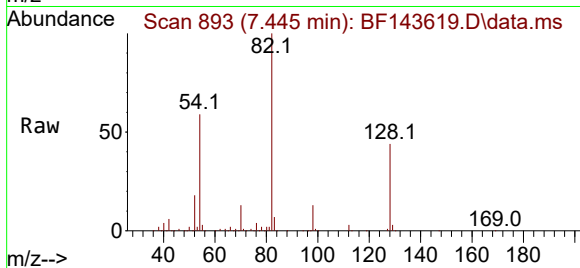
Tgt Ion: 82 Resp: 332042

Ion Ratio Lower Upper

82 100

128 44.0 33.4 50.2

54 58.6 49.3 73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143619.D

Acq: 28 Aug 2025 19:42

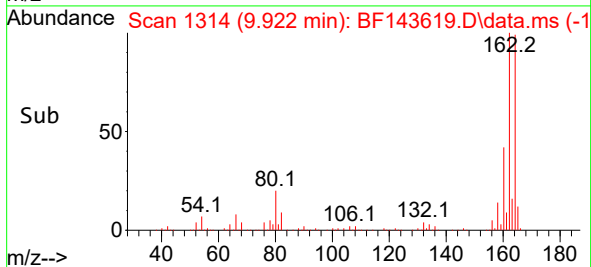
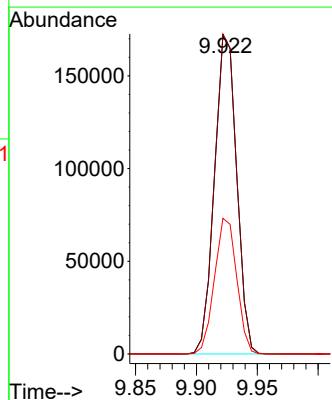
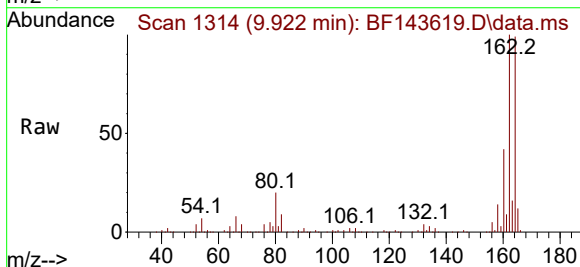
Tgt Ion:164 Resp: 218063

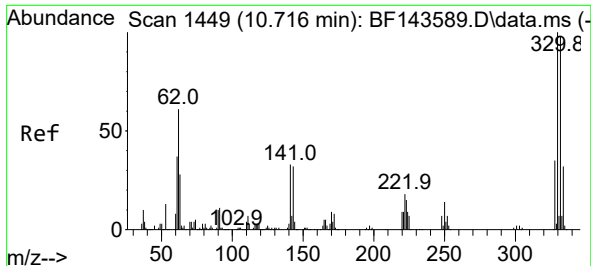
Ion Ratio Lower Upper

164 100

162 100.6 79.5 119.3

160 42.7 34.2 51.4

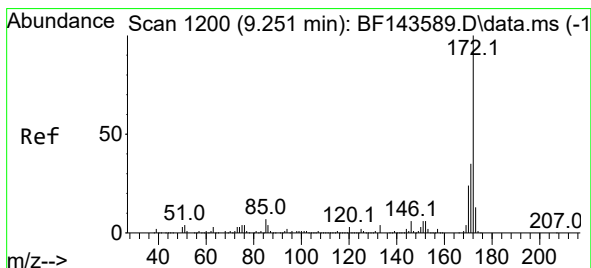
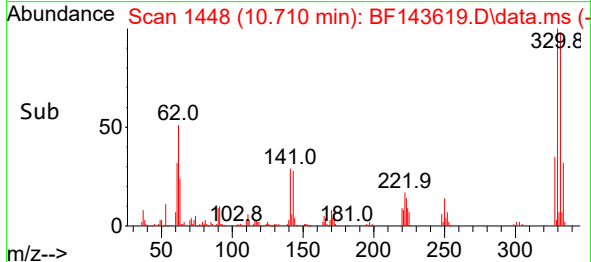
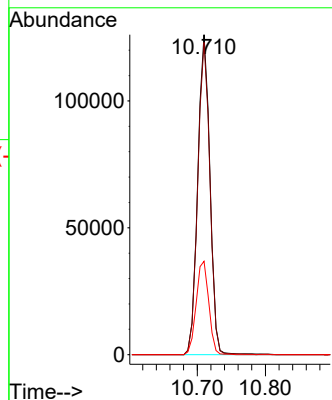
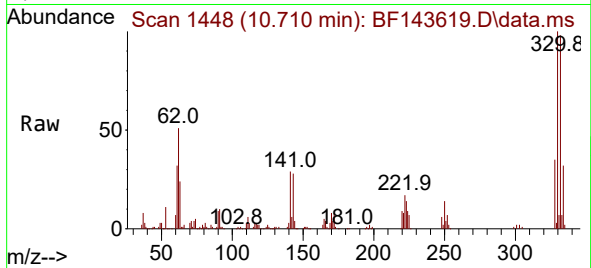




#42
2,4,6-Tribromophenol
Concen: 91.864 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

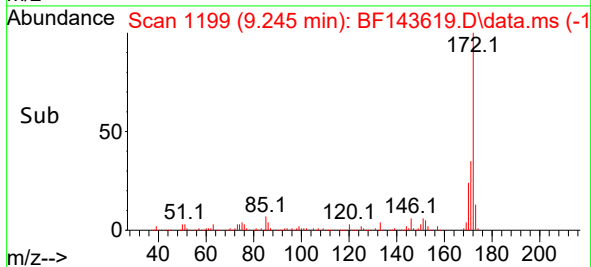
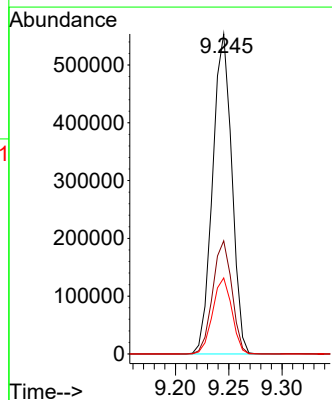
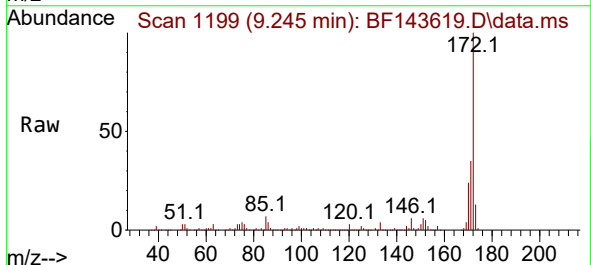
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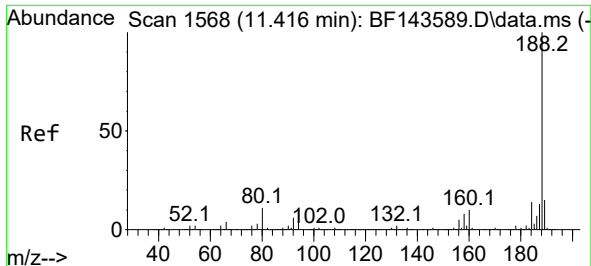
Tgt Ion:330 Resp: 156655
Ion Ratio Lower Upper
330 100
332 97.2 78.2 117.4
141 30.1 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 54.372 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

Tgt Ion:172 Resp: 693466
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.8 19.0 28.4

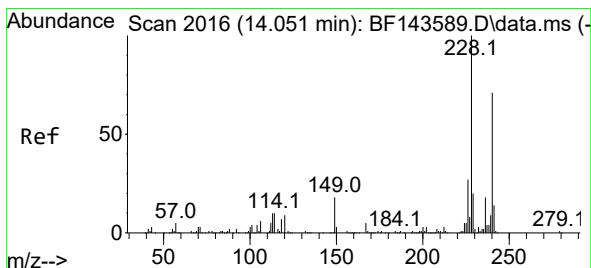
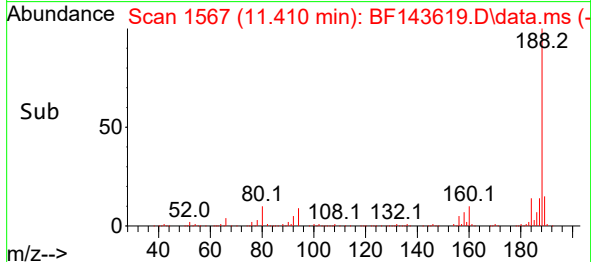
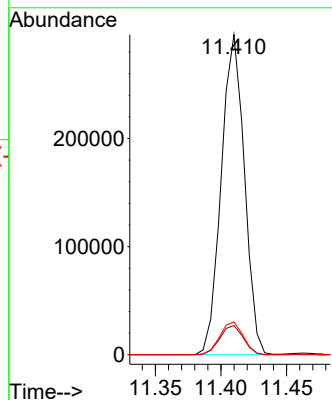
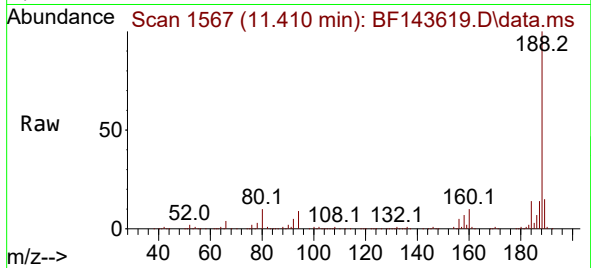




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

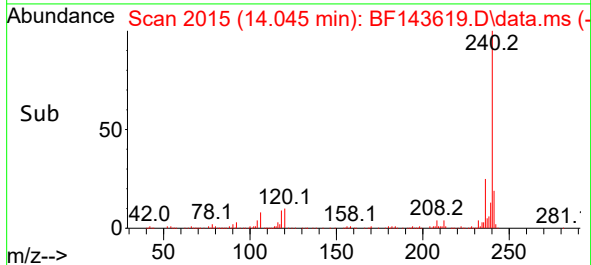
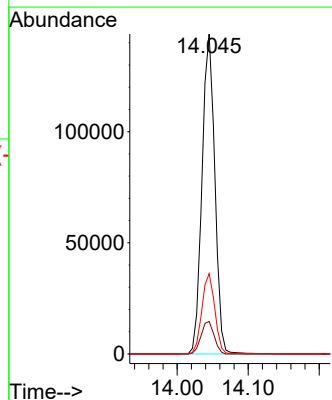
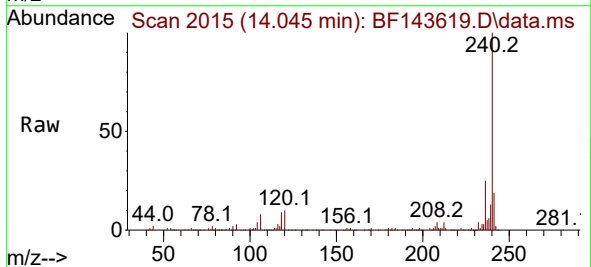
Instrument :
BNA_F
ClientSampleId :
TP7

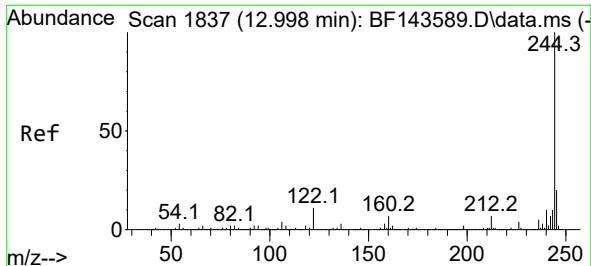
Tgt Ion:188 Resp: 362907
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

Tgt Ion:240 Resp: 180809
Ion Ratio Lower Upper
240 100
120 10.1 9.6 14.4
236 25.1 20.2 30.2

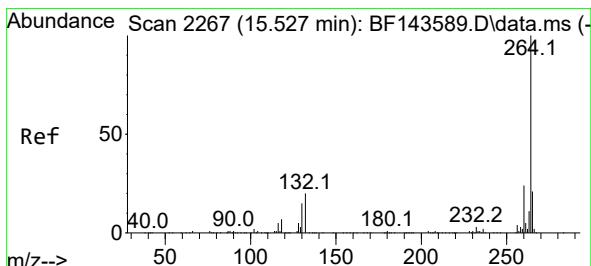
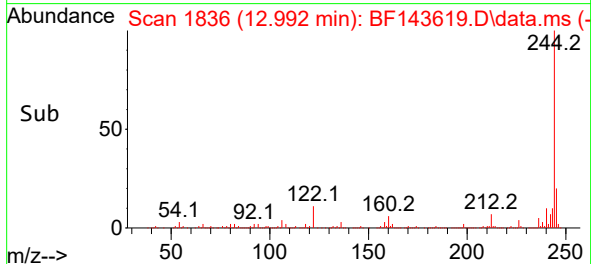
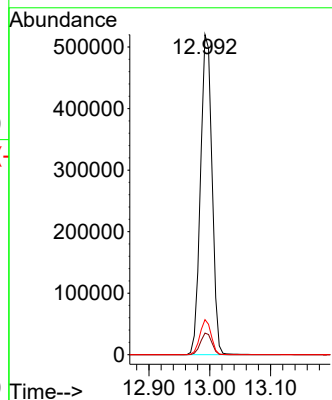
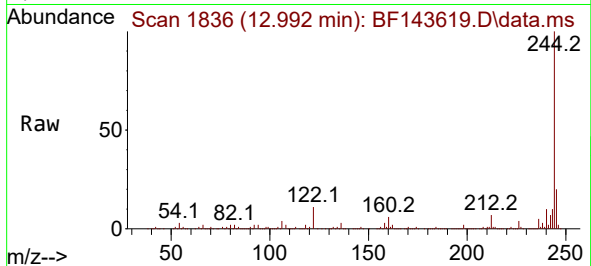




#79
Terphenyl-d14
Concen: 67.642 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

Instrument :
BNA_F
ClientSampleId :
TP7

Tgt Ion:244 Resp: 681547
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 10.9 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF143619.D
Acq: 28 Aug 2025 19:42

Tgt Ion:264 Resp: 188648
Ion Ratio Lower Upper
264 100
260 23.6 18.9 28.3
265 22.0 17.0 25.4

