

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
 Data File : BF143614.D
 Acq On : 28 Aug 2025 17:14
 Operator : RC/JU
 Sample : Q2970-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP12

Quant Time: Aug 28 17:57:02 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	6.893	152	103792	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	397301	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	231375	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	383302	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195925	20.000	ng	0.00
86) Perylene-d12	15.521	264	200481	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	811908	133.137	ng	0.00
7) Phenol-d6	6.510	99	1020095	135.055	ng	0.00
23) Nitrobenzene-d5	7.451	82	639022	114.842	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299229	165.375	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1165309	86.111	ng	0.00
79) Terphenyl-d14	12.998	244	1141662	104.565	ng	0.00

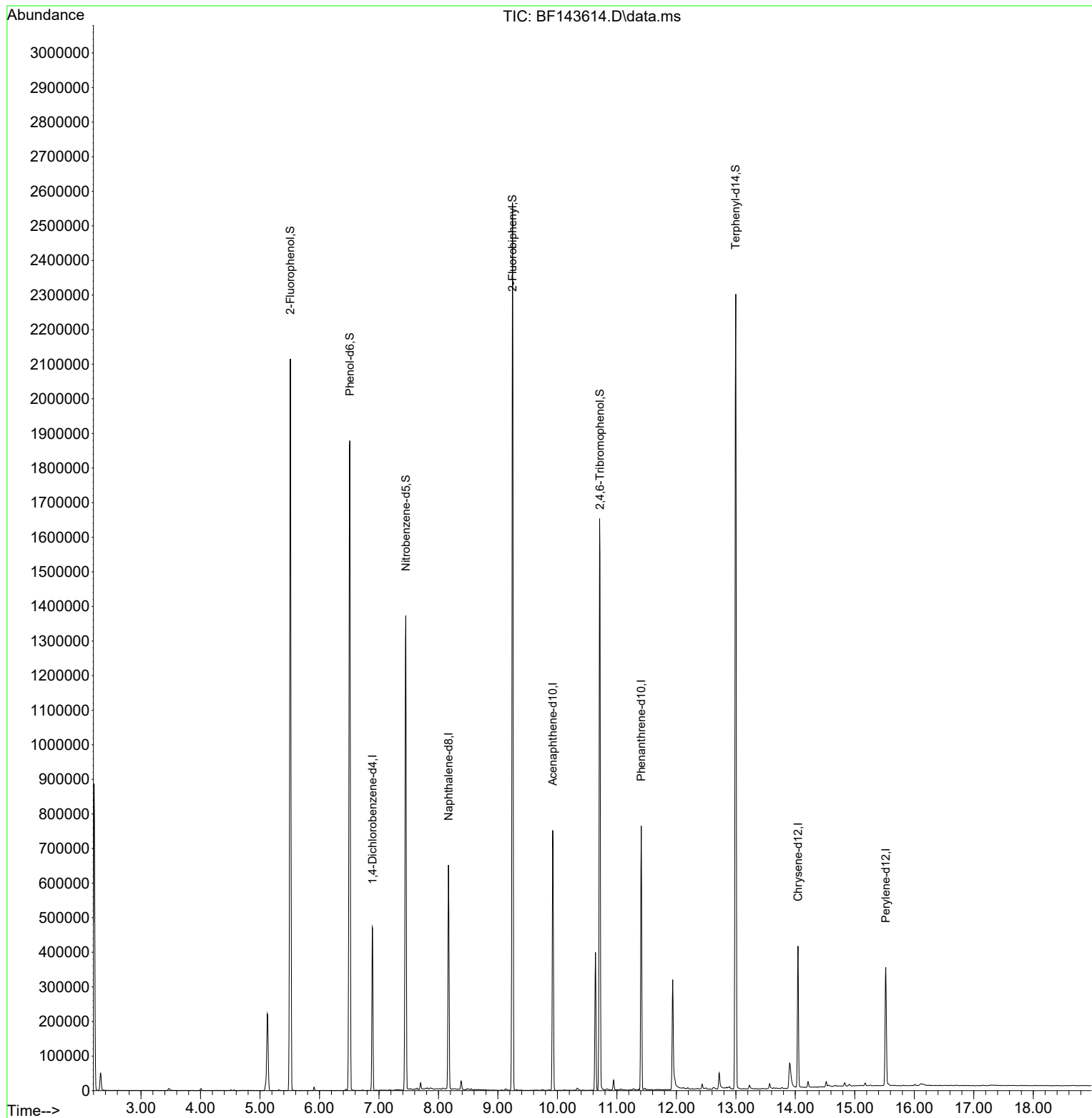
Target Compounds	Qvalue

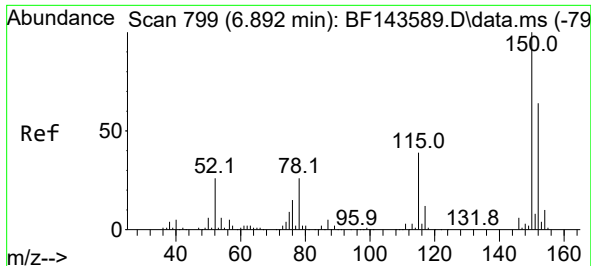
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143614.D
Acq On : 28 Aug 2025 17:14
Operator : RC/JU
Sample : Q2970-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP12

Quant Time: Aug 28 17:57:02 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

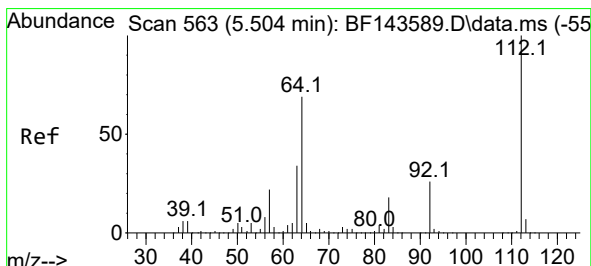
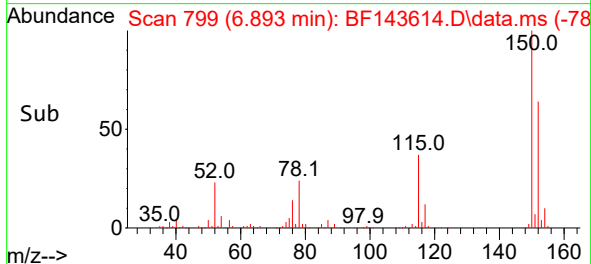
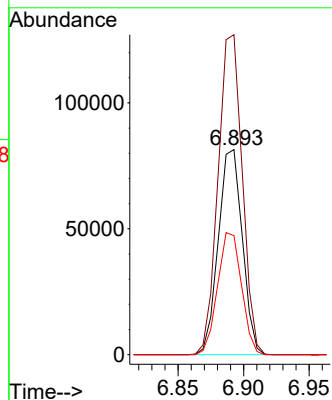
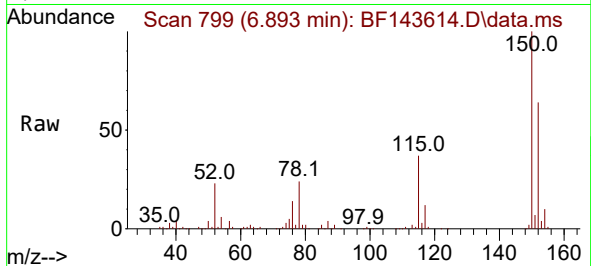




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 799
 Delta R.T. 0.001 min
 Lab File: BF143614.D
 Acq: 28 Aug 2025 17:14

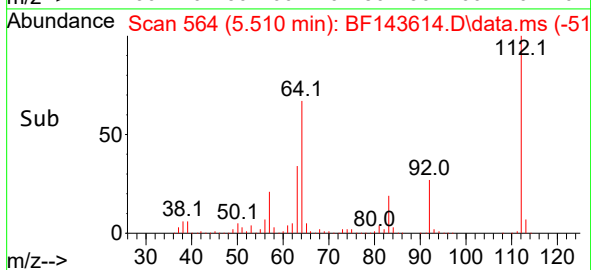
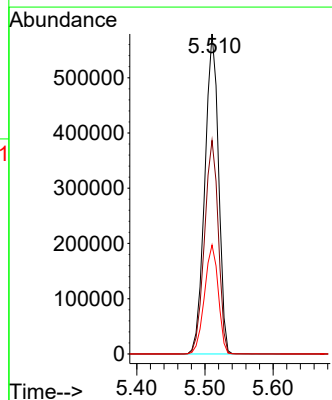
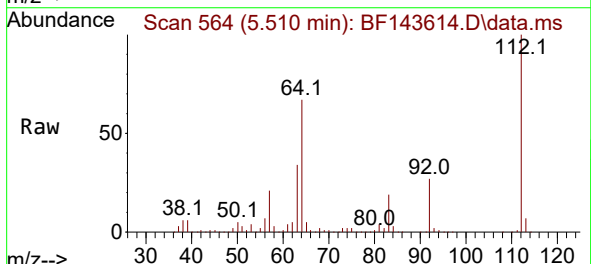
Instrument :
 BNA_F
 ClientSampleId :
 TP12

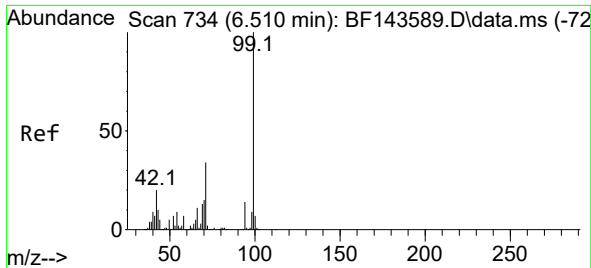
Tgt Ion:152 Resp: 103792
 Ion Ratio Lower Upper
 152 100
 150 156.0 124.9 187.3
 115 58.0 48.0 72.0



#5
 2-Fluorophenol
 Concen: 133.137 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF143614.D
 Acq: 28 Aug 2025 17:14

Tgt Ion:112 Resp: 811908
 Ion Ratio Lower Upper
 112 100
 64 66.8 54.8 82.2
 63 34.1 27.6 41.4

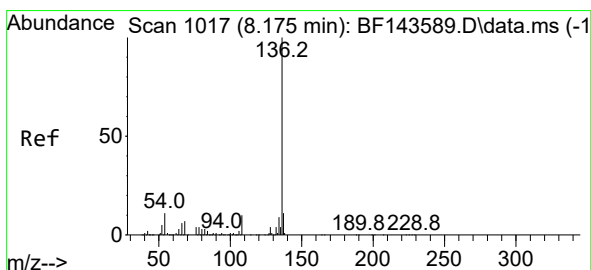
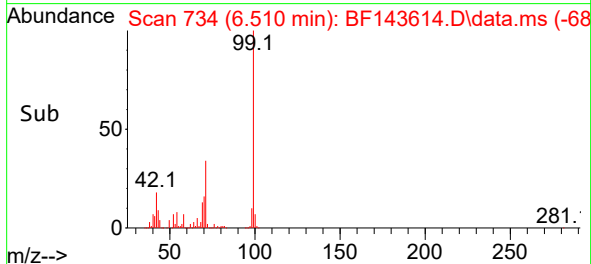
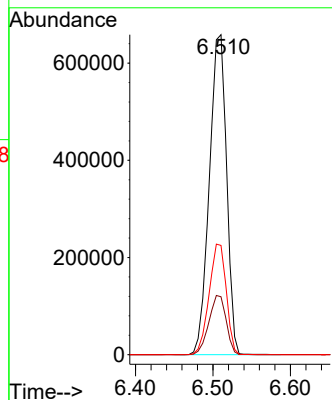
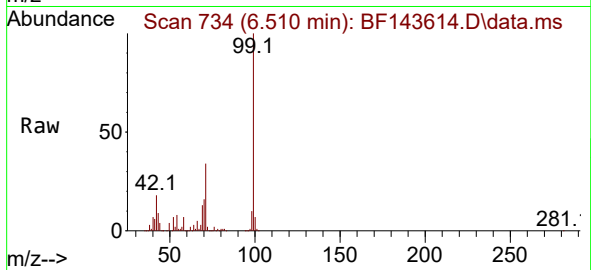




#7
Phenol-d6
Concen: 135.055 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF143614.D
Acq: 28 Aug 2025 17:14

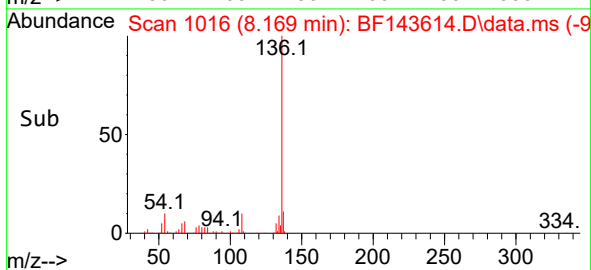
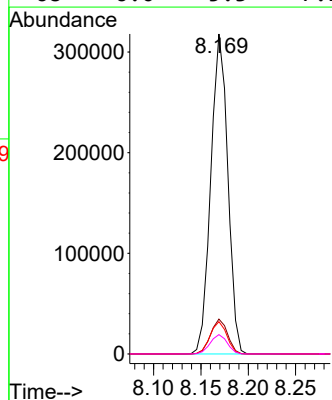
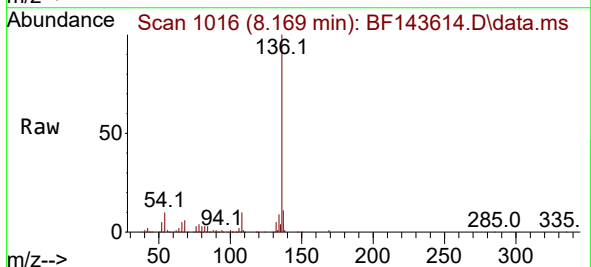
Instrument :
BNA_F
ClientSampleId :
TP12

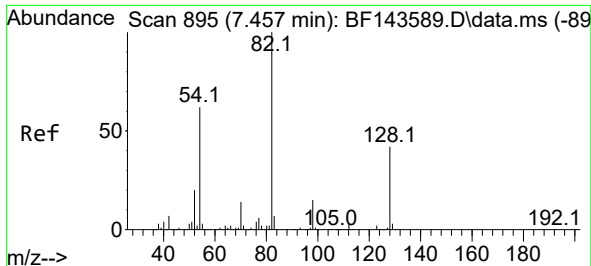
Tgt Ion: 99 Resp: 1020095
Ion Ratio Lower Upper
99 100
42 18.1 15.9 23.9
71 34.1 27.2 40.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143614.D
Acq: 28 Aug 2025 17:14

Tgt Ion:136 Resp: 397301
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 9.0 13.6
68 6.0 5.3 7.9





#23

Nitrobenzene-d5

Concen: 114.842 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF143614.D

Acq: 28 Aug 2025 17:14

Instrument :

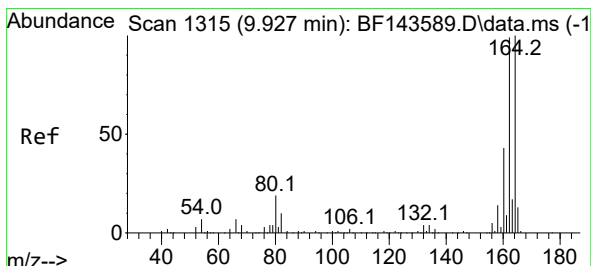
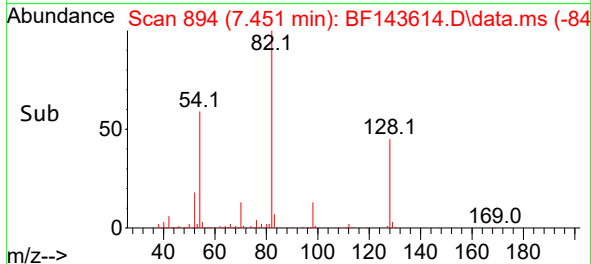
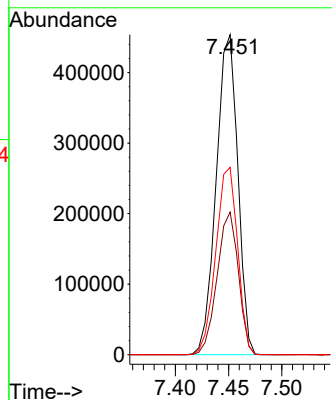
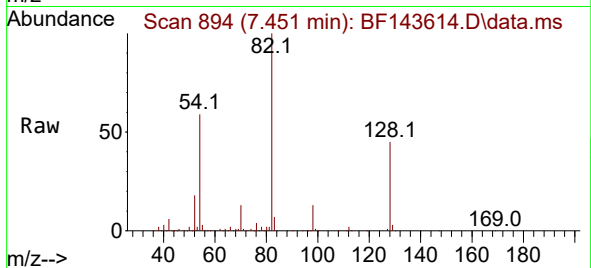
BNA_F

ClientSampleId :

TP12

Tgt Ion: 82 Resp: 639022

Ion	Ratio	Lower	Upper
82	100		
128	44.6	33.4	50.2
54	58.6	49.3	73.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

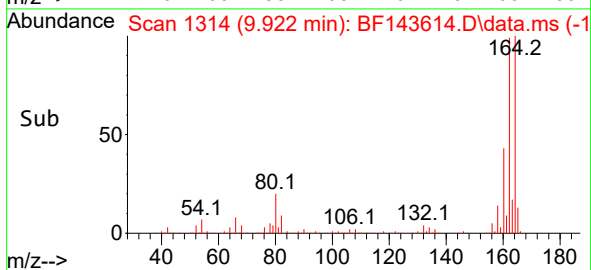
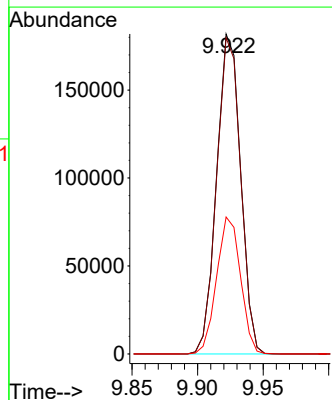
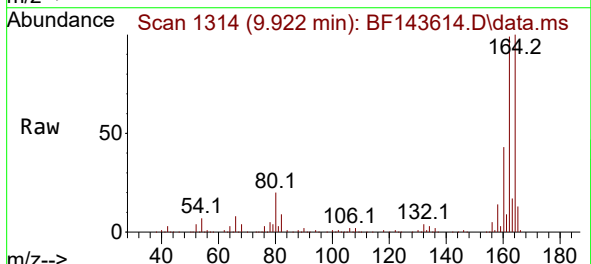
Delta R.T. -0.005 min

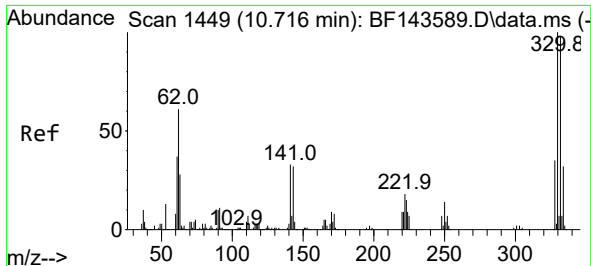
Lab File: BF143614.D

Acq: 28 Aug 2025 17:14

Tgt Ion: 164 Resp: 231375

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.5	119.3
160	42.8	34.2	51.4





#42

2,4,6-Tribromophenol

Concen: 165.375 ng

RT: 10.716 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF143614.D

Acq: 28 Aug 2025 17:14

Instrument :

BNA_F

ClientSampleId :

TP12

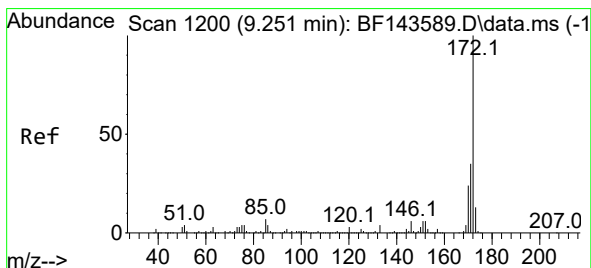
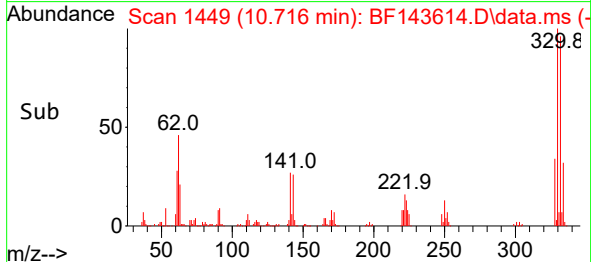
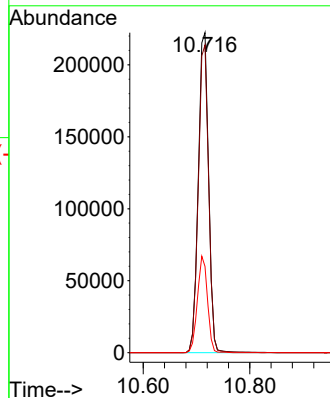
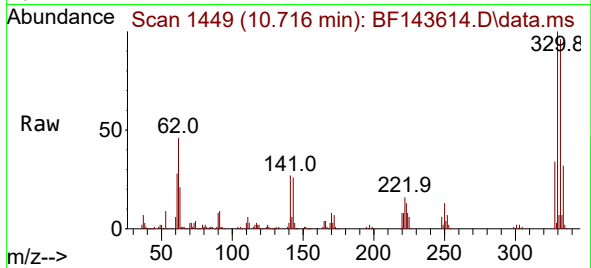
Tgt Ion:330 Resp: 299229

Ion Ratio Lower Upper

330 100

332 96.3 78.2 117.4

141 29.5 25.4 38.0



#45

2-Fluorobiphenyl

Concen: 86.111 ng

RT: 9.245 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF143614.D

Acq: 28 Aug 2025 17:14

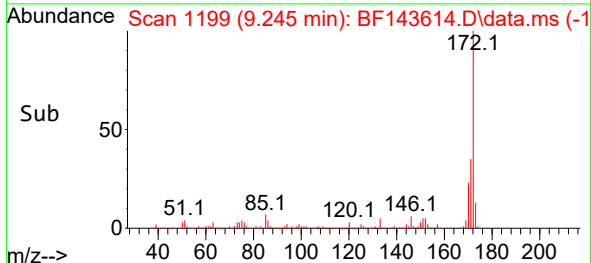
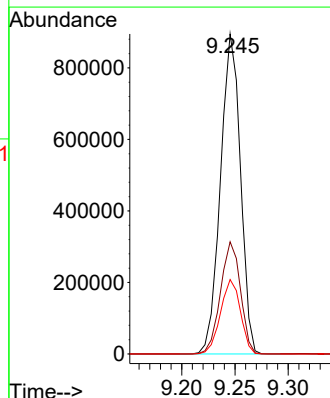
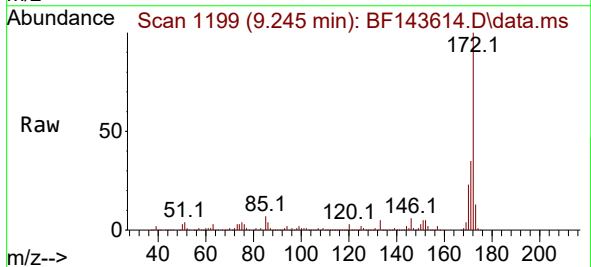
Tgt Ion:172 Resp: 1165309

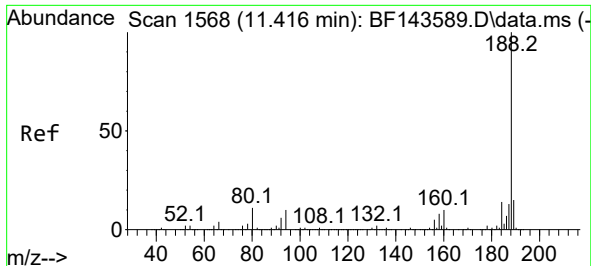
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.4

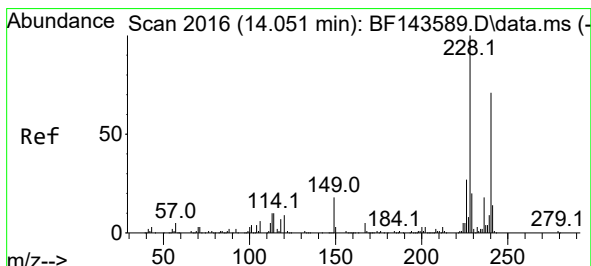
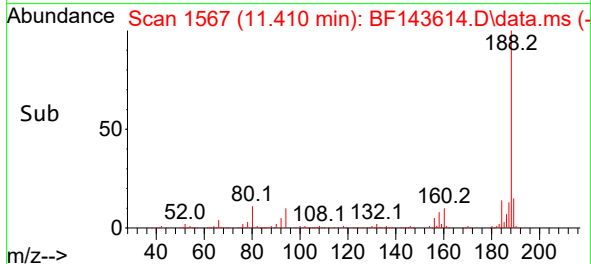
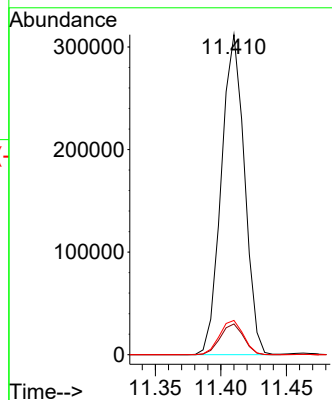
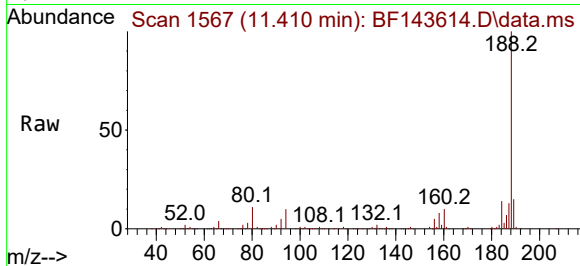




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143614.D
Acq: 28 Aug 2025 17:14

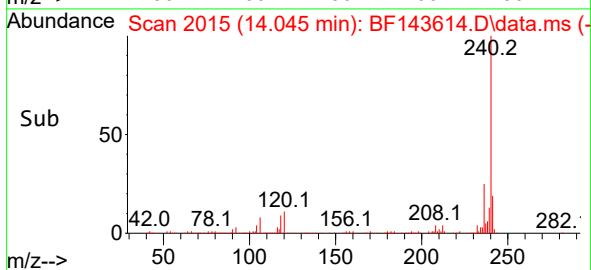
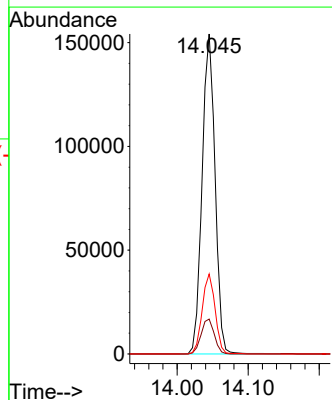
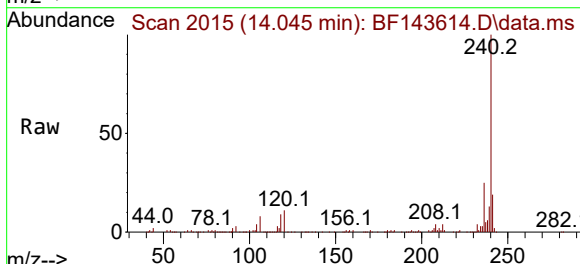
Instrument :
BNA_F
ClientSampleId :
TP12

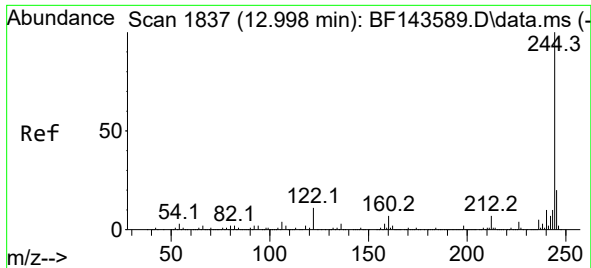
Tgt Ion:188 Resp: 383302
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.4
80 10.7 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143614.D
Acq: 28 Aug 2025 17:14

Tgt Ion:240 Resp: 195925
Ion Ratio Lower Upper
240 100
120 10.9 9.6 14.4
236 25.0 20.2 30.2

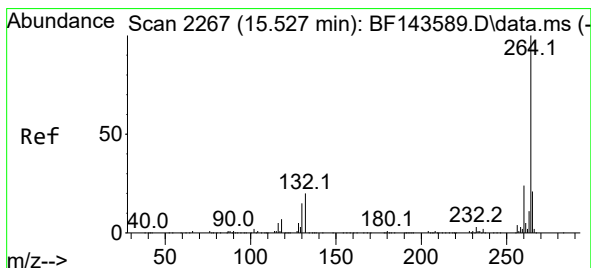
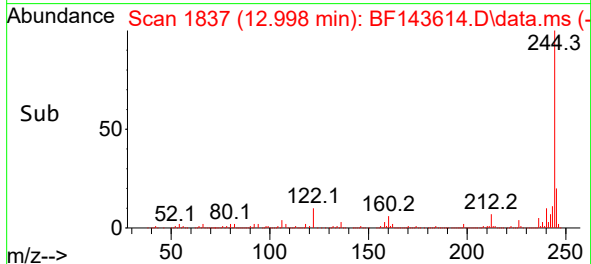
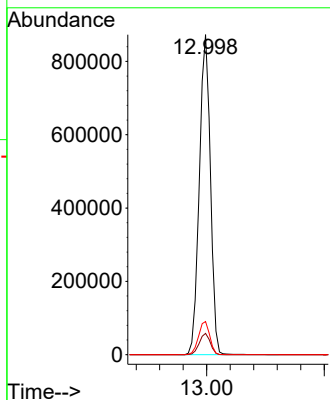
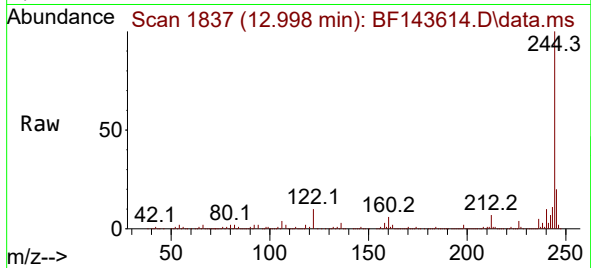




#79
 Terphenyl-d14
 Concen: 104.565 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143614.D
 Acq: 28 Aug 2025 17:14

Instrument :
 BNA_F
 ClientSampleId :
 TP12

Tgt Ion:244 Resp: 1141662
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.3 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: BF143614.D
 Acq: 28 Aug 2025 17:14

Tgt Ion:264 Resp: 200481
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.9 28.3
 265 20.8 17.0 25.4

