

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142098.D
 Acq On : 26 Mar 2025 15:43
 Operator : RC/JU
 Sample : Q1631-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 359

Quant Time: Mar 26 16:08:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.868	152	133074	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	522327	20.000	ng	-0.01
39) Acenaphthene-d10	9.903	164	298618	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	532731	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	417626	20.000	ng	0.00
86) Perylene-d12	15.509	264	351696	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.486	112	666265	83.560	ng	0.00
7) Phenol-d6	6.492	99	864617	85.167	ng	-0.01
23) Nitrobenzene-d5	7.427	82	591791	63.760	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	293326	77.428	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1278946	65.135	ng	-0.01
79) Terphenyl-d14	12.980	244	1709041	60.502	ng	0.00

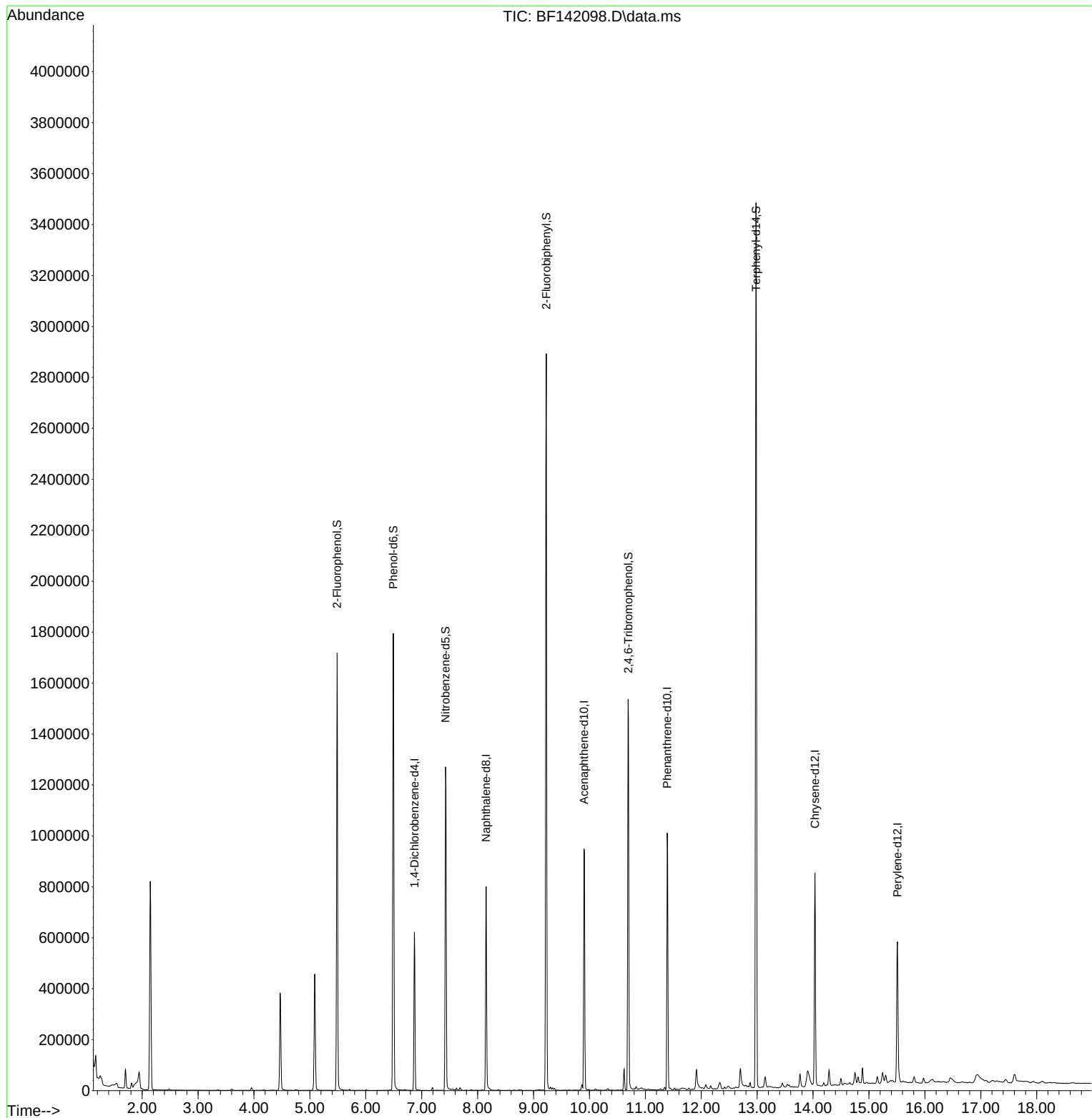
Target Compounds	Qvalue

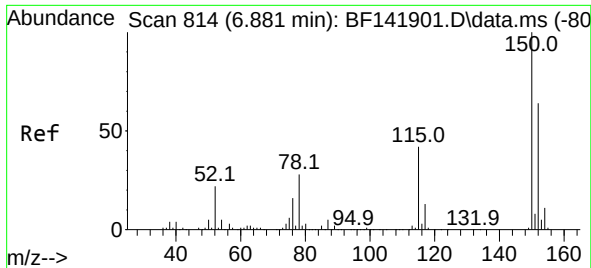
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142098.D
Acq On : 26 Mar 2025 15:43
Operator : RC/JU
Sample : Q1631-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
359

Quant Time: Mar 26 16:08:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

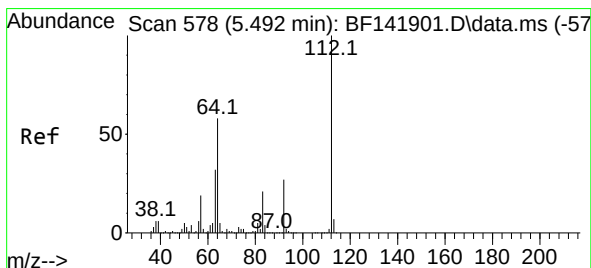
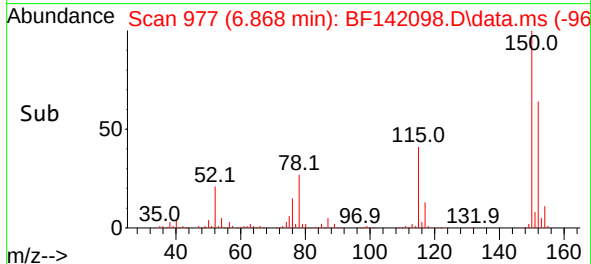
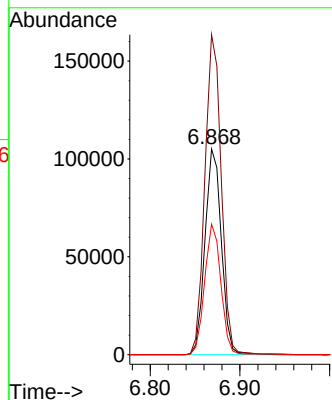
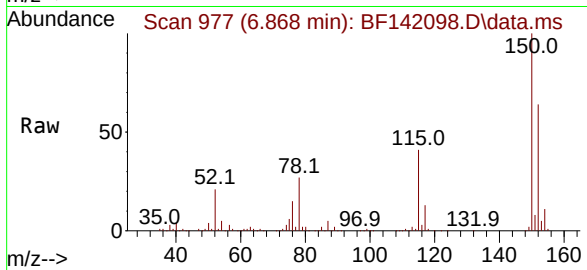




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.868 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

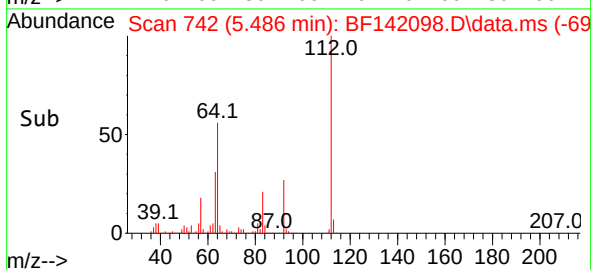
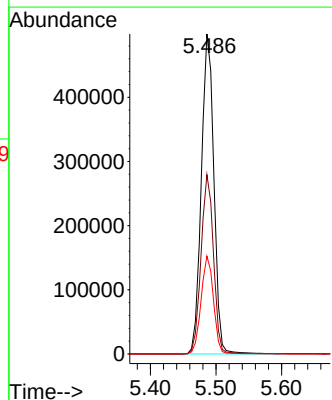
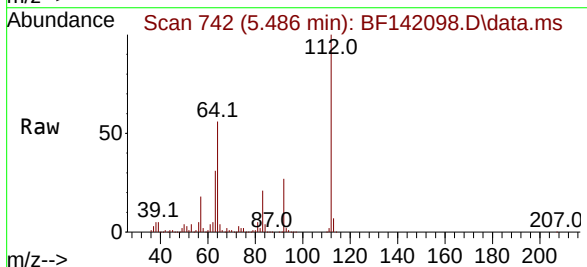
Instrument :
 BNA_F
 ClientSampleId :
 359

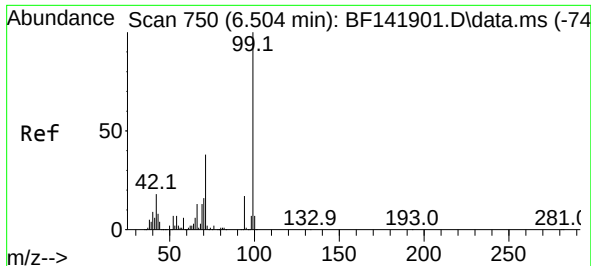
Tgt Ion:152 Resp: 133074
 Ion Ratio Lower Upper
 152 100
 150 155.5 127.4 191.2
 115 63.4 51.9 77.9



#5
 2-Fluorophenol
 Concen: 83.560 ng
 RT: 5.486 min Scan# 742
 Delta R.T. -0.006 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

Tgt Ion:112 Resp: 666265
 Ion Ratio Lower Upper
 112 100
 64 56.0 46.5 69.7
 63 30.6 25.4 38.2

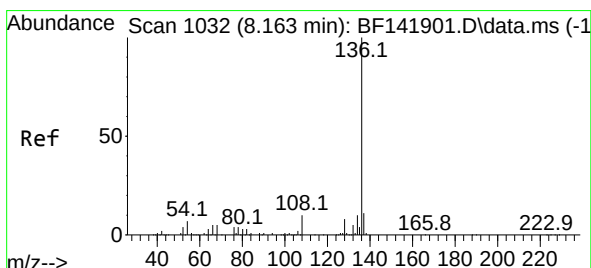
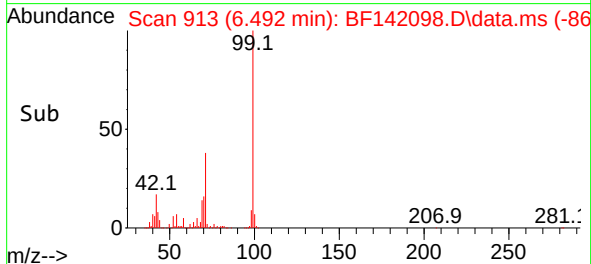
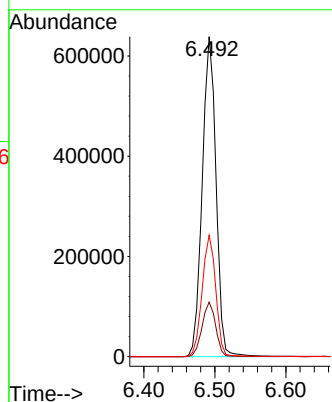
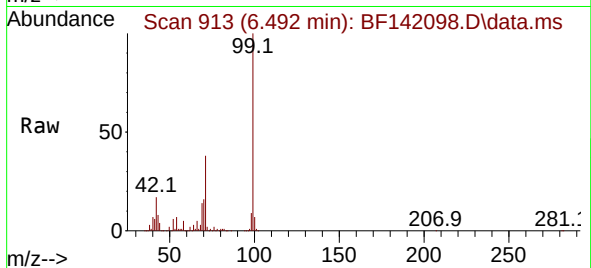




#7
Phenol-d6
Concen: 85.167 ng
RT: 6.492 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

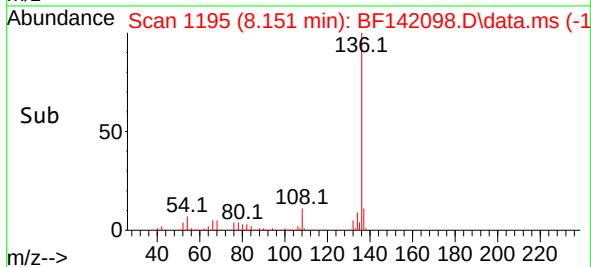
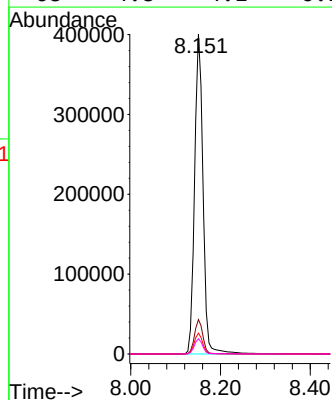
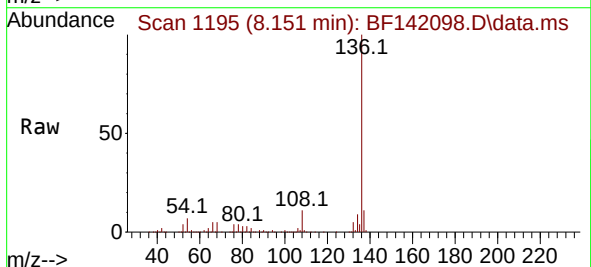
Instrument :
BNA_F
ClientSampleId :
359

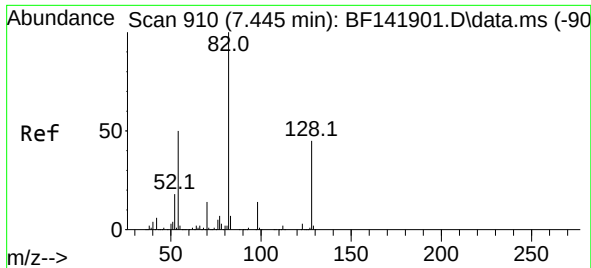
Tgt Ion: 99 Resp: 864617
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 37.9 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1195
Delta R.T. -0.012 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

Tgt Ion: 136 Resp: 522327
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1

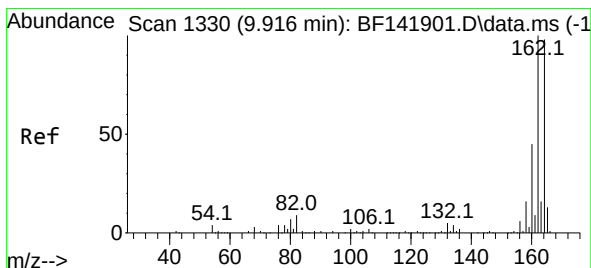
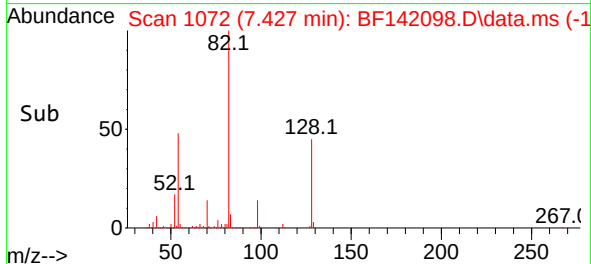
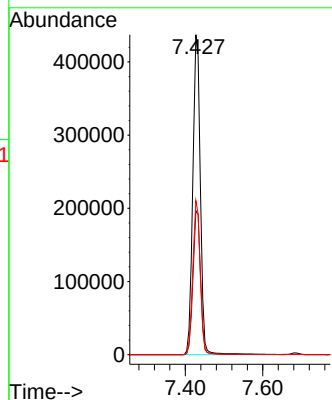
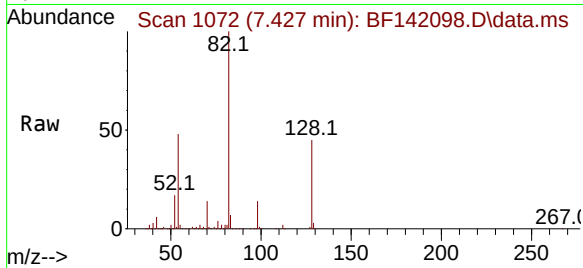




#23
 Nitrobenzene-d5
 Concen: 63.760 ng
 RT: 7.427 min Scan# 10
 Delta R.T. -0.018 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

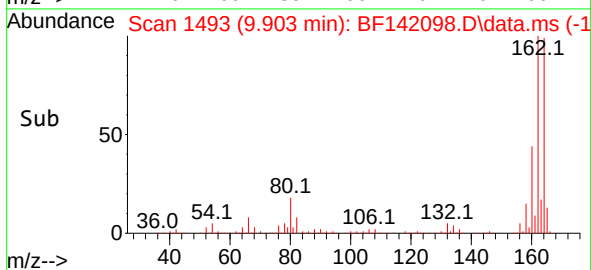
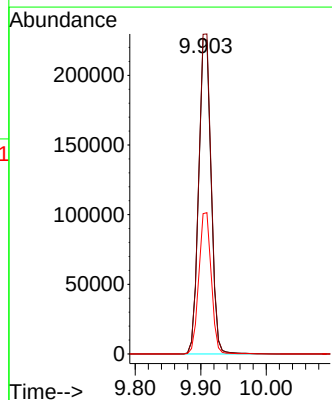
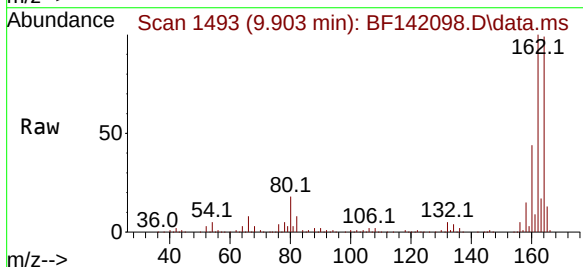
Instrument :
 BNA_F
 ClientSampleId :
 359

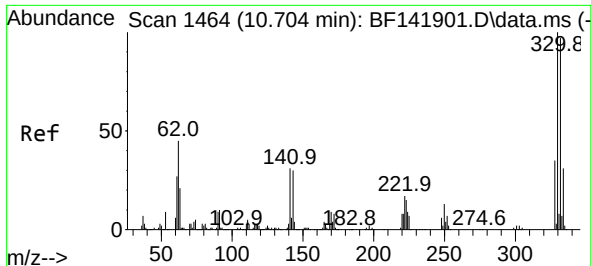
Tgt Ion: 82 Resp: 591791
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.0 54.0
 54 48.2 39.6 59.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.903 min Scan# 1493
 Delta R.T. -0.013 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

Tgt Ion:164 Resp: 298618
 Ion Ratio Lower Upper
 164 100
 162 101.3 81.8 122.6
 160 44.5 36.7 55.1

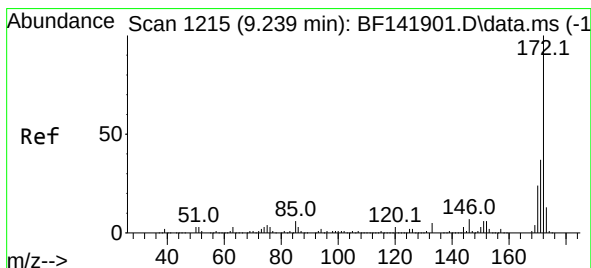
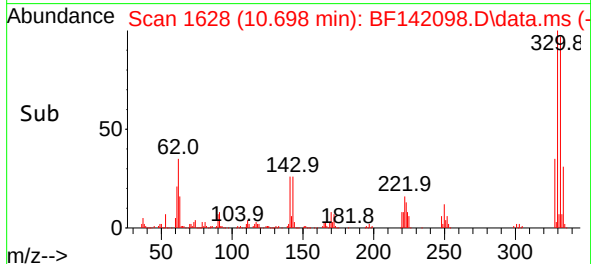
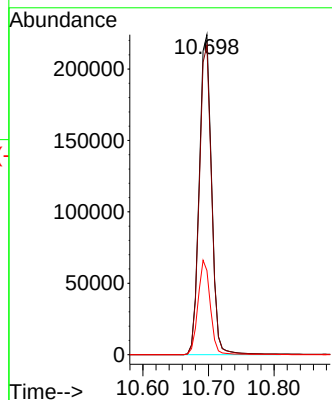
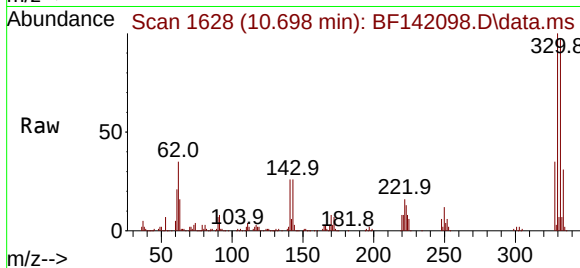




#42
2,4,6-Tribromophenol
Concen: 77.428 ng
RT: 10.698 min Scan# 1378
Delta R.T. -0.006 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

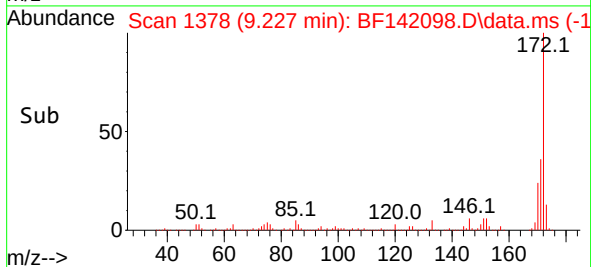
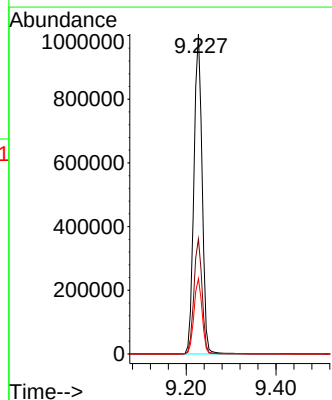
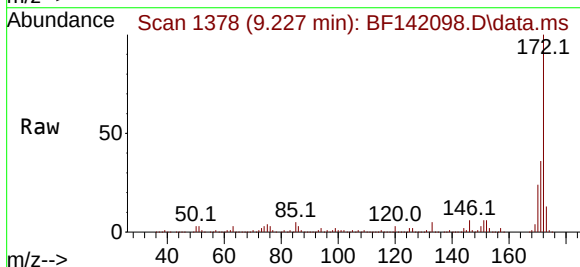
Instrument :
BNA_F
ClientSampleId :
359

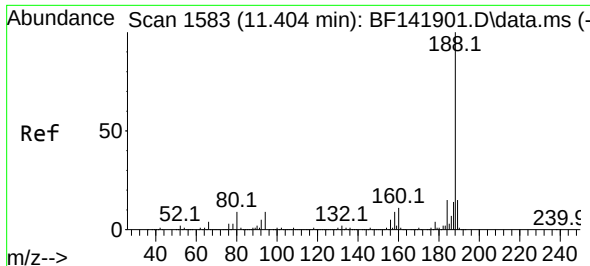
Tgt Ion:330 Resp: 293326
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 65.135 ng
RT: 9.227 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

Tgt Ion:172 Resp: 1278946
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.6 19.4 29.0

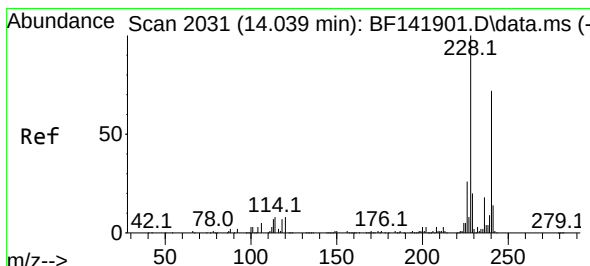
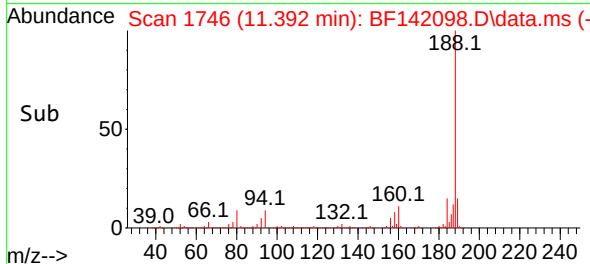
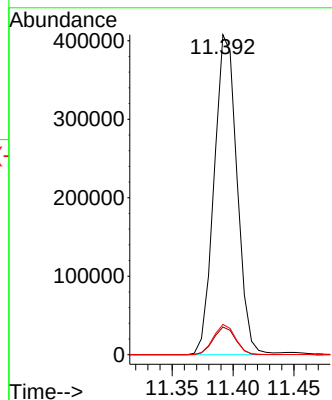
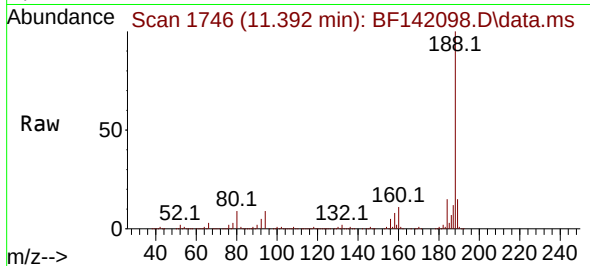




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

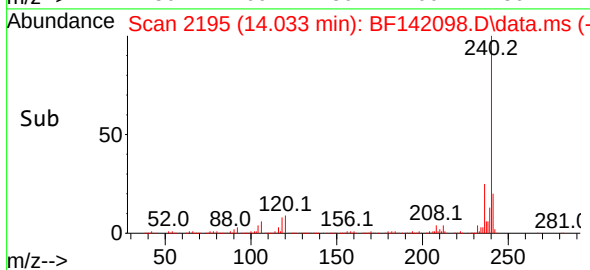
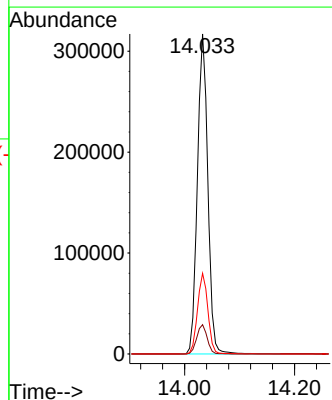
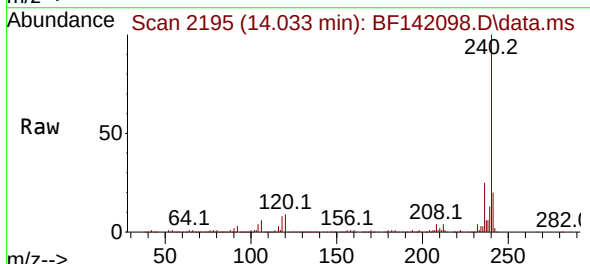
Instrument :
BNA_F
ClientSampleId :
359

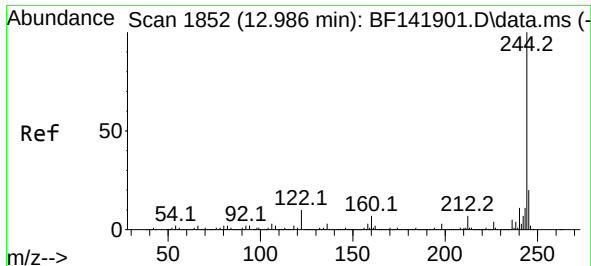
Tgt Ion:188 Resp: 532731
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.4 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BF142098.D
Acq: 26 Mar 2025 15:43

Tgt Ion:240 Resp: 417626
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.2 20.5 30.7

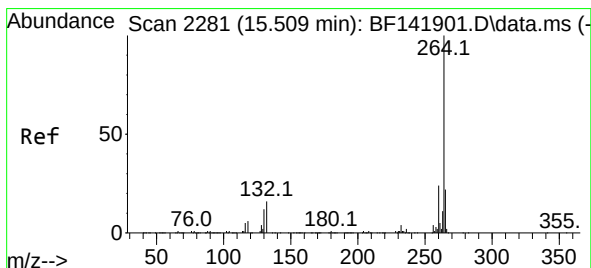
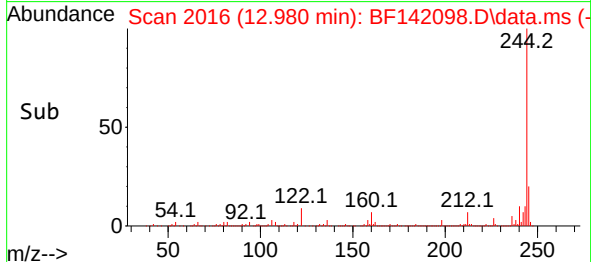
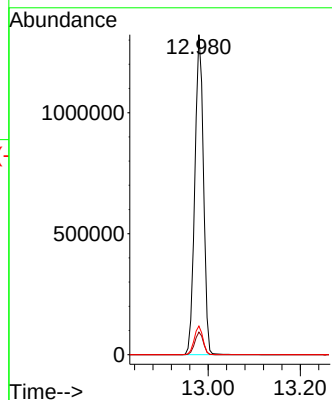
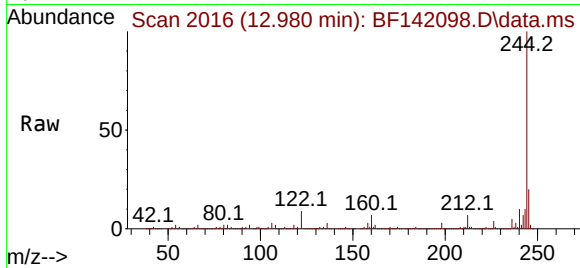




#79
 Terphenyl-d14
 Concen: 60.502 ng
 RT: 12.980 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

Instrument :
 BNA_F
 ClientSampleId :
 359

Tgt Ion:244 Resp: 1709041
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2446
 Delta R.T. -0.000 min
 Lab File: BF142098.D
 Acq: 26 Mar 2025 15:43

Tgt Ion:264 Resp: 351696
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.6 17.5 26.3

