

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142095.D
 Acq On : 26 Mar 2025 14:07
 Operator : RC/JU
 Sample : PB167310BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167310BL

Quant Time: Mar 26 14:38:07 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	6.869	152	124680	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	480516	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	261927	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	473117	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	346676	20.000	ng	0.00
86) Perylene-d12	15.510	264	279819	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1099360	147.160	ng	0.00
7) Phenol-d6	6.493	99	1315366	138.290	ng	-0.01
23) Nitrobenzene-d5	7.428	82	875669	102.555	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	540945	162.794	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1815482	105.411	ng	-0.01
79) Terphenyl-d14	12.980	244	2531795	107.972	ng	0.00

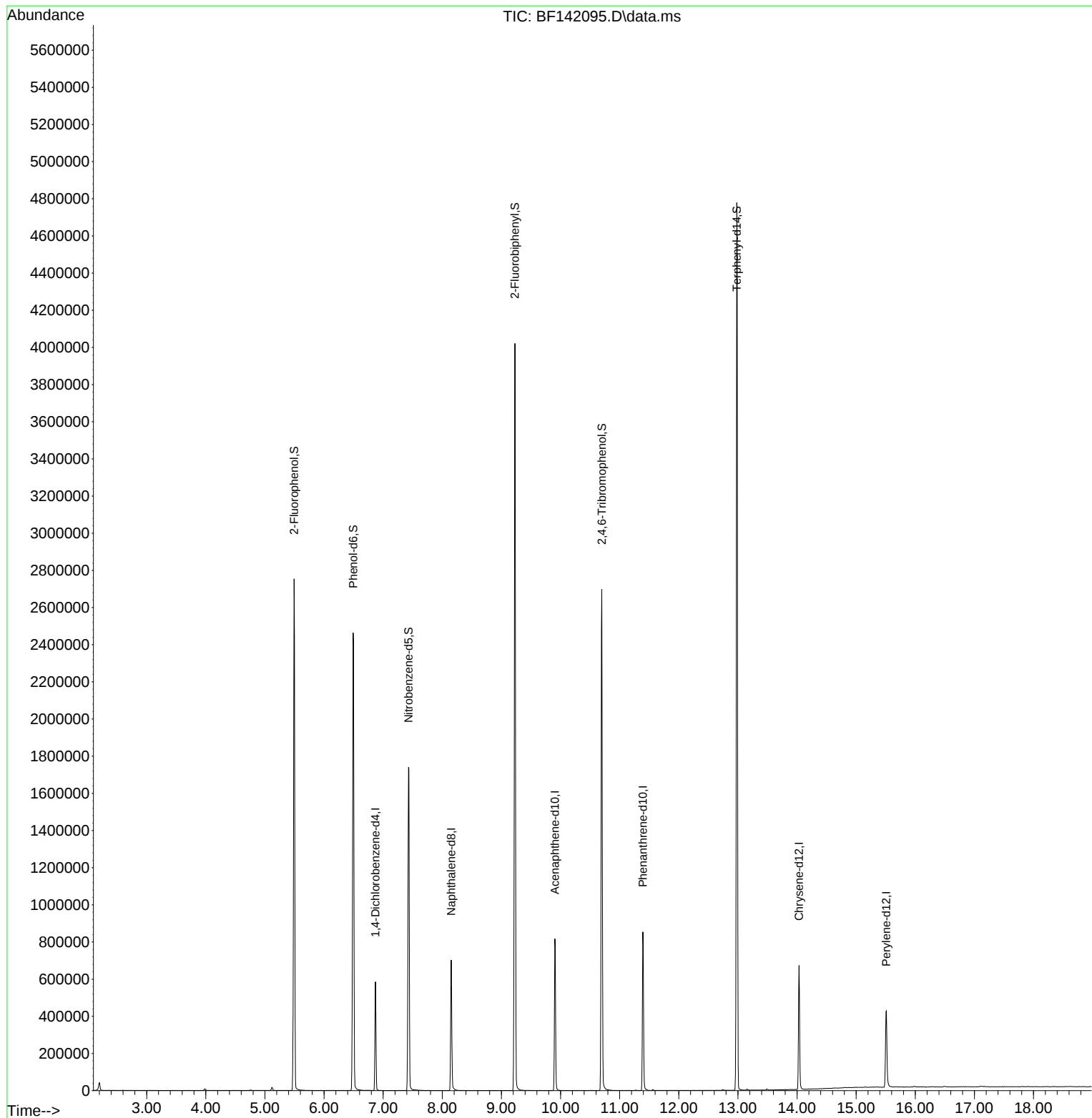
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142095.D
Acq On : 26 Mar 2025 14:07
Operator : RC/JU
Sample : PB167310BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167310BL

Quant Time: Mar 26 14:38:07 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

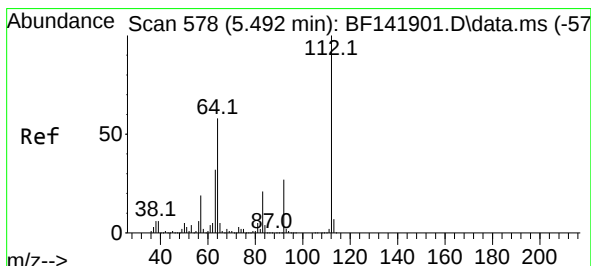
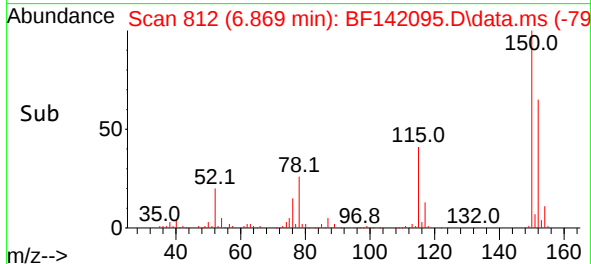
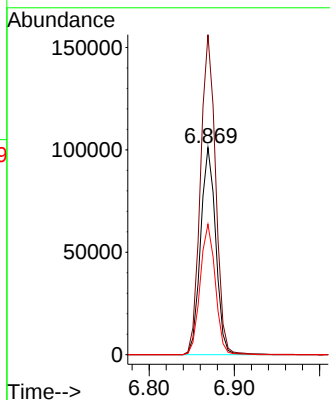
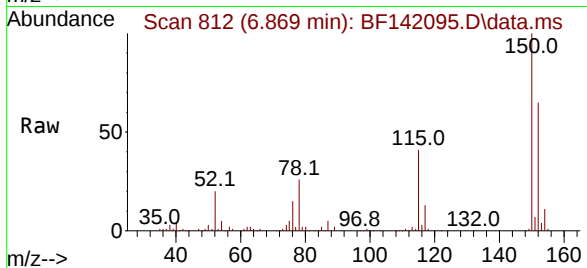




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

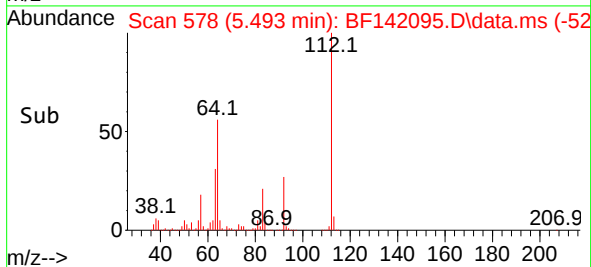
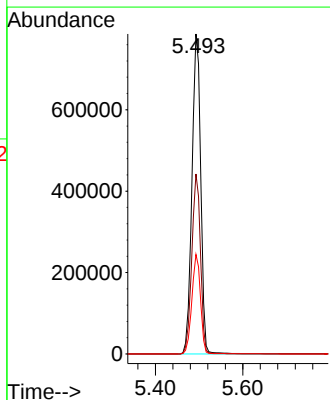
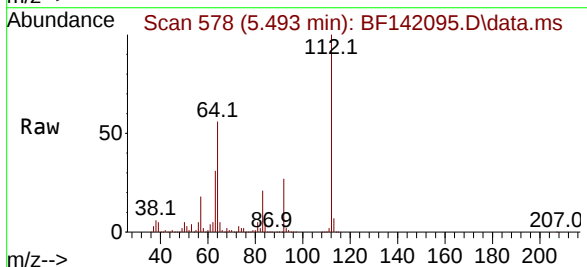
Instrument :
BNA_F
ClientSampleId :
PB167310BL

Tgt Ion:152 Resp: 124680
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 62.9 51.9 77.9



#5
2-Fluorophenol
Concen: 147.160 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

Tgt Ion:112 Resp: 1099360
Ion Ratio Lower Upper
112 100
64 56.3 46.5 69.7
63 31.1 25.4 38.2

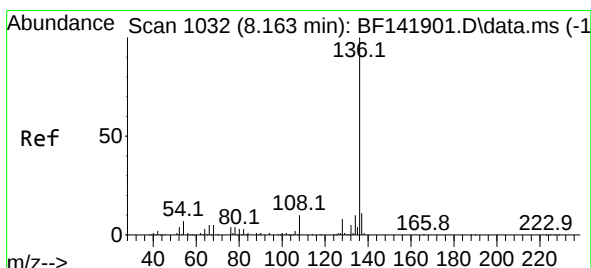
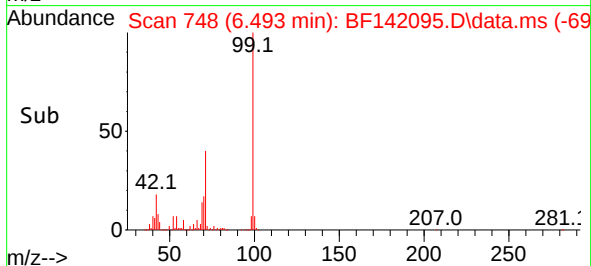
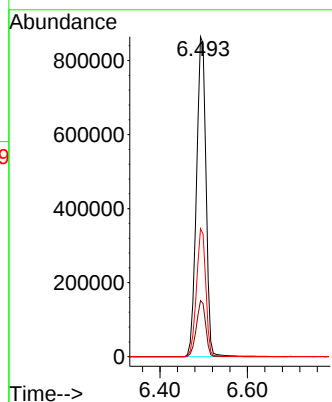
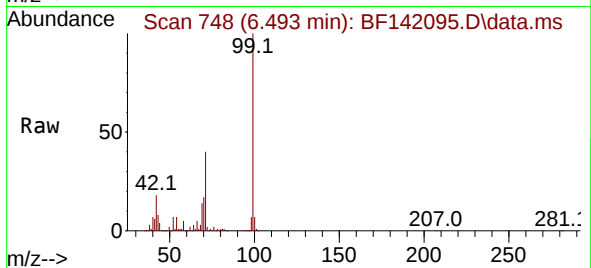




#7
Phenol-d6
Concen: 138.290 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

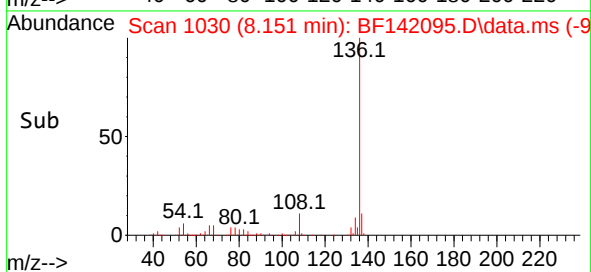
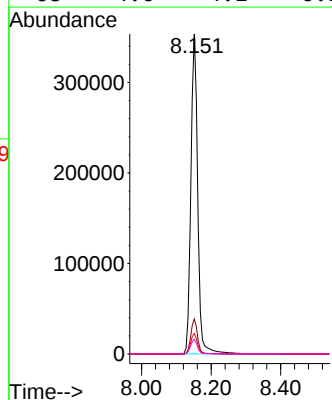
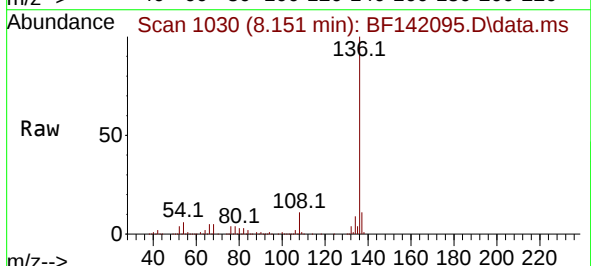
Instrument :
BNA_F
ClientSampleId :
PB167310BL

Tgt Ion: 99 Resp: 1315366
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 40.0 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

Tgt Ion:136 Resp: 480516
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1

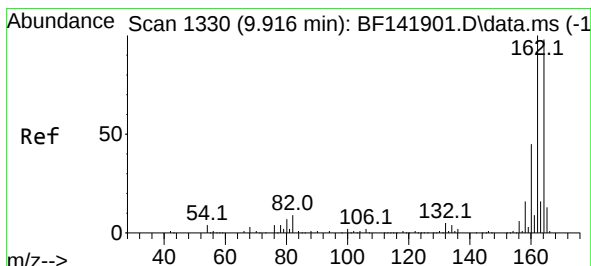
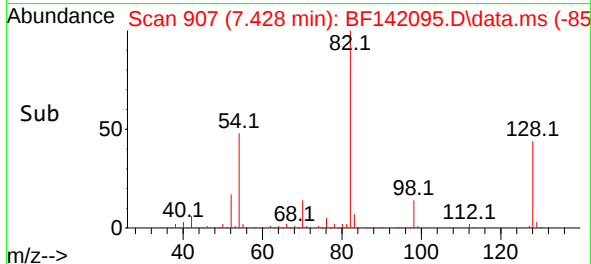
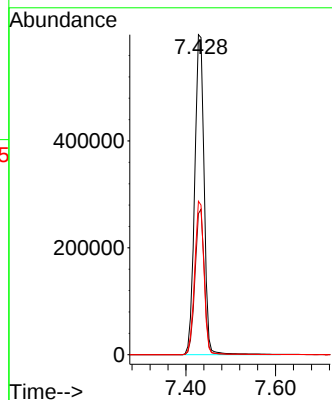
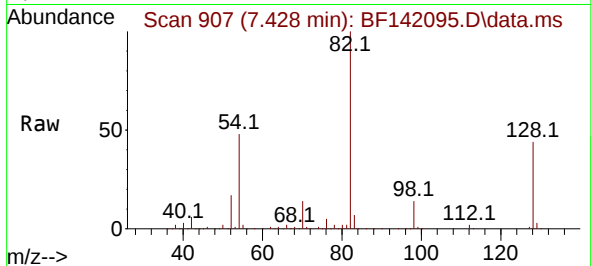




#23
Nitrobenzene-d5
Concen: 102.555 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.017 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

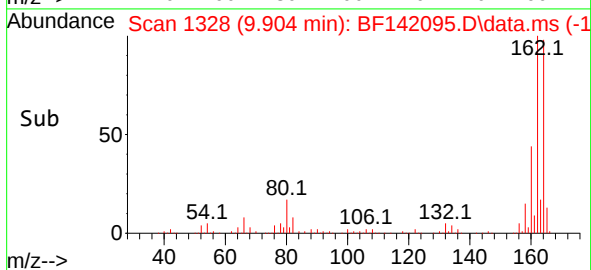
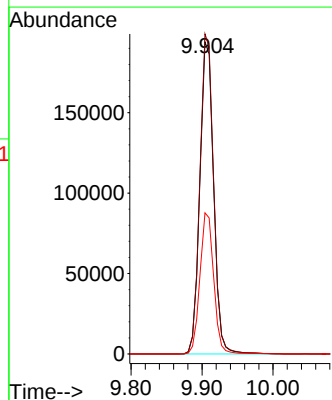
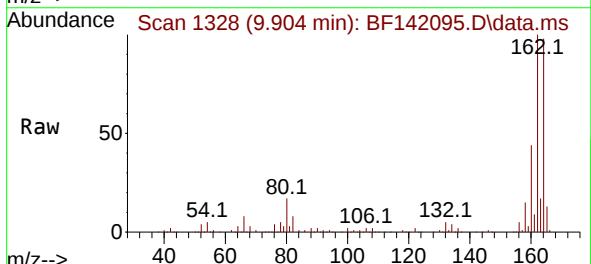
Instrument :
BNA_F
ClientSampleId :
PB167310BL

Tgt Ion: 82 Resp: 875669
Ion Ratio Lower Upper
82 100
128 44.1 36.0 54.0
54 48.0 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

Tgt Ion:164 Resp: 261927
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 45.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 162.794 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142095.D

Acq: 26 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PB167310BL

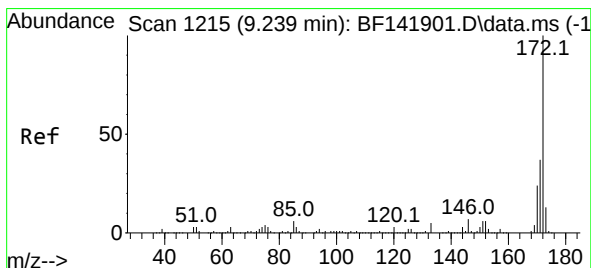
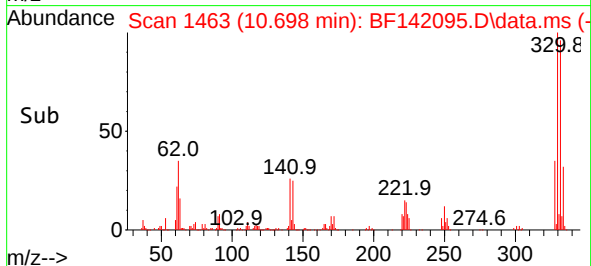
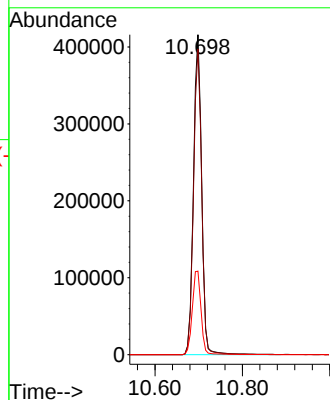
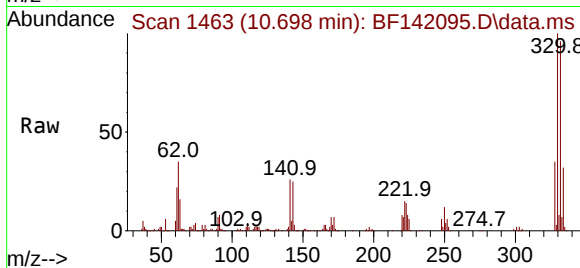
Tgt Ion:330 Resp: 540945

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 28.1 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 105.411 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142095.D

Acq: 26 Mar 2025 14:07

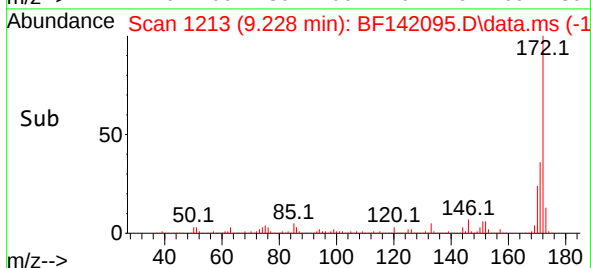
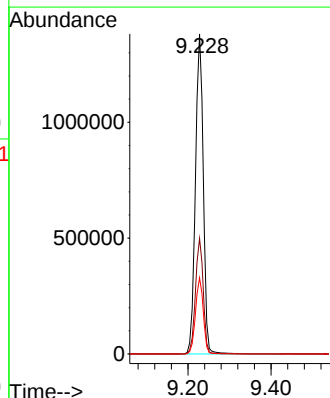
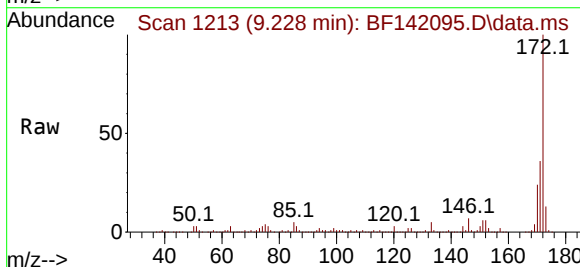
Tgt Ion:172 Resp: 1815482

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.8 19.4 29.0

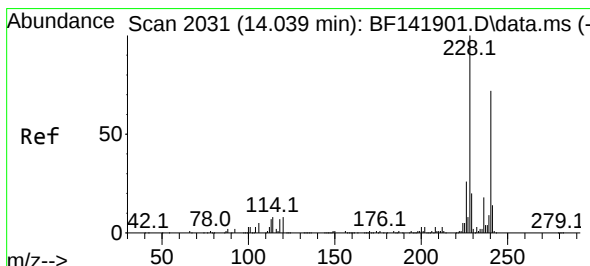
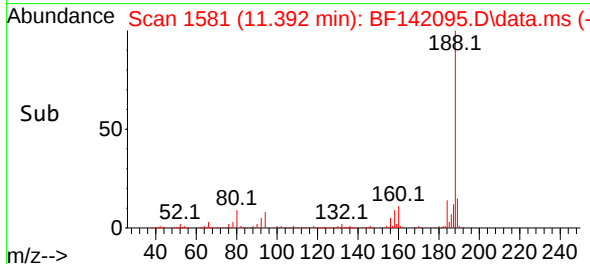
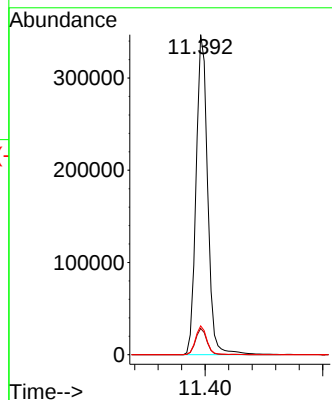
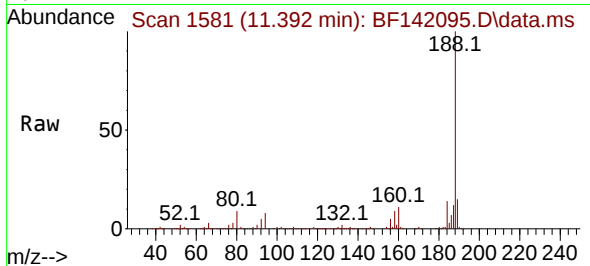




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

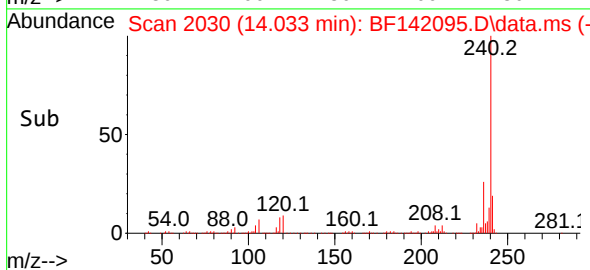
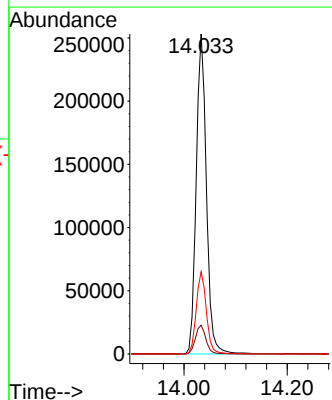
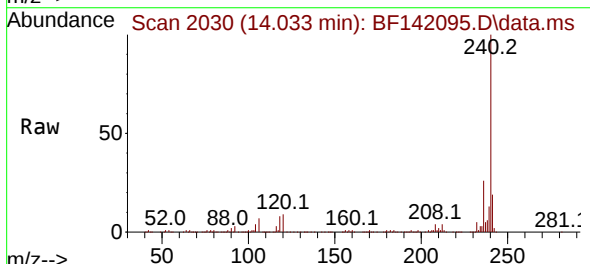
Instrument :
BNA_F
ClientSampleId :
PB167310BL

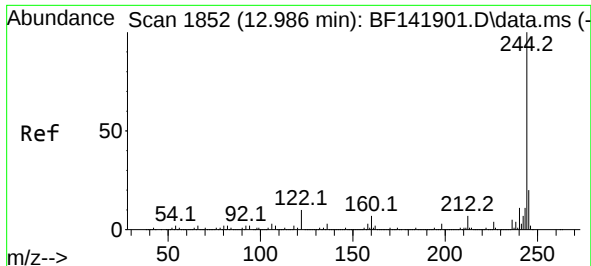
Tgt Ion:188 Resp: 473117
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142095.D
Acq: 26 Mar 2025 14:07

Tgt Ion:240 Resp: 346676
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.7 20.5 30.7

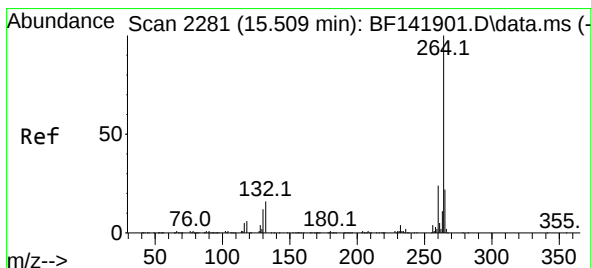
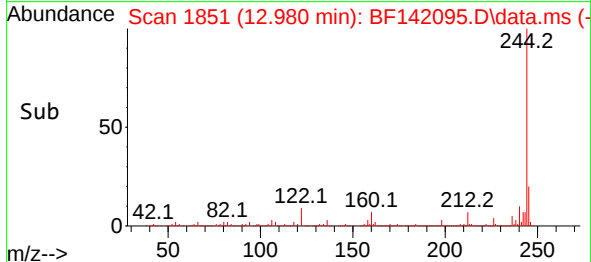
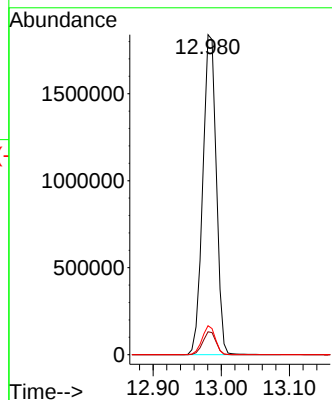
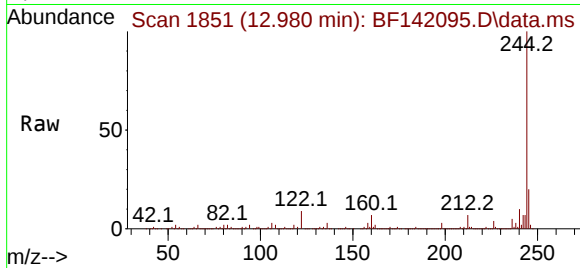




#79
 Terphenyl-d14
 Concen: 107.972 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142095.D
 Acq: 26 Mar 2025 14:07

Instrument :
 BNA_F
 ClientSampleId :
 PB167310BL

Tgt Ion:244 Resp: 2531795
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.1 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142095.D
 Acq: 26 Mar 2025 14:07

Tgt Ion:264 Resp: 279819
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 21.5 17.5 26.3

