

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
 Data File : BF142102.D
 Acq On : 26 Mar 2025 17:40
 Operator : RC/JU
 Sample : Q1636-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Mar 26 18:18:09 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	125889	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	489828	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	284595	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	531902	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	433532	20.000	ng	0.00
86) Perylene-d12	15.504	264	304352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	956204	126.768	ng	0.00
7) Phenol-d6	6.498	99	1081959	112.659	ng	0.00
23) Nitrobenzene-d5	7.434	82	834155	95.835	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	610003	168.954	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1772710	94.730	ng	-0.01
79) Terphenyl-d14	12.980	244	2565514	87.491	ng	0.00

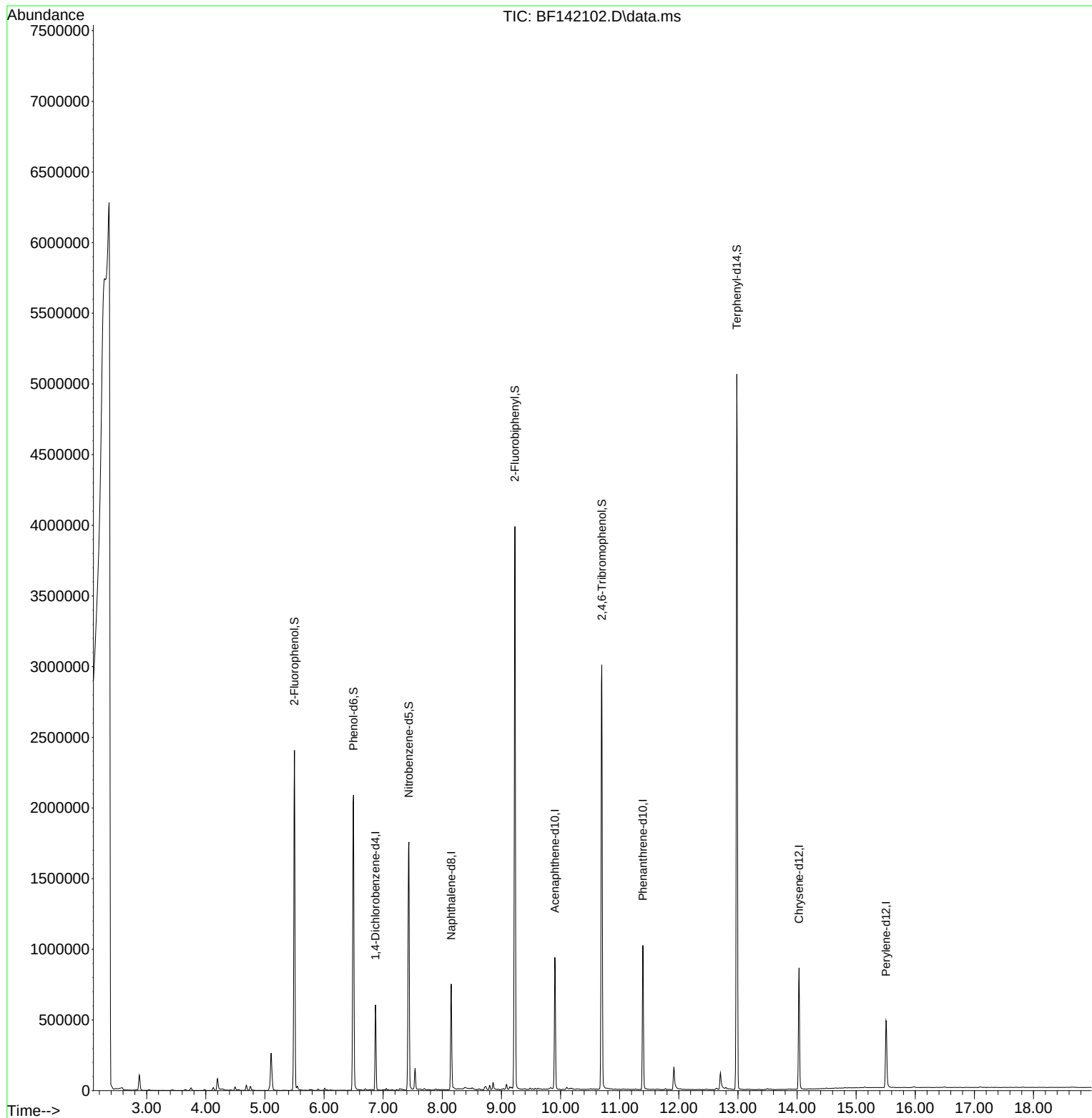
Target Compounds	Qvalue

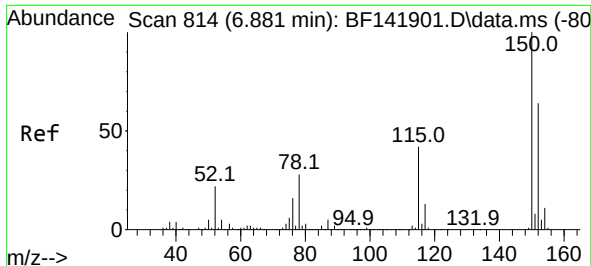
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142102.D
Acq On : 26 Mar 2025 17:40
Operator : RC/JU
Sample : Q1636-16
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Time: Mar 26 18:18:09 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

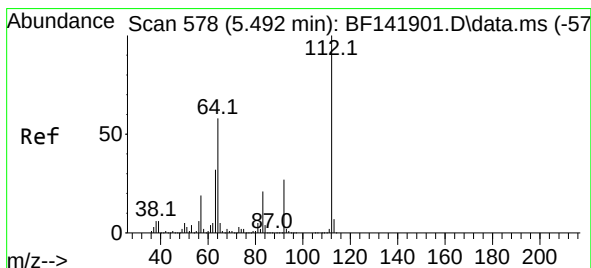
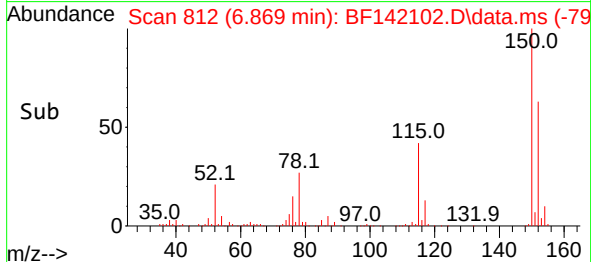
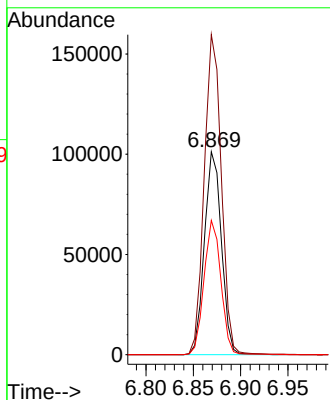
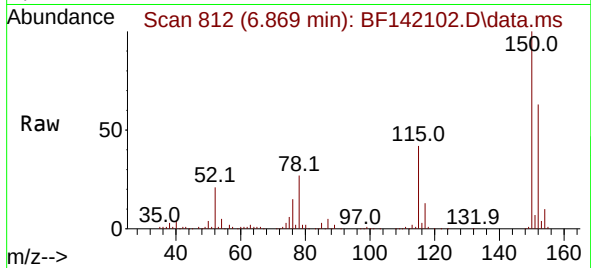




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

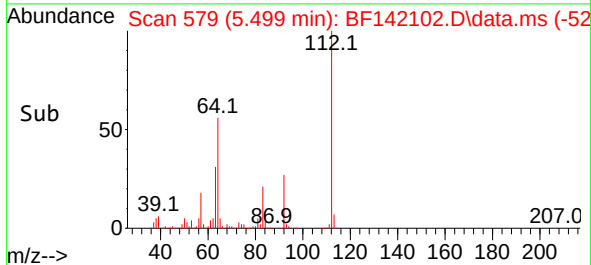
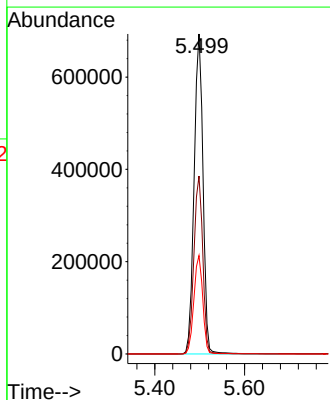
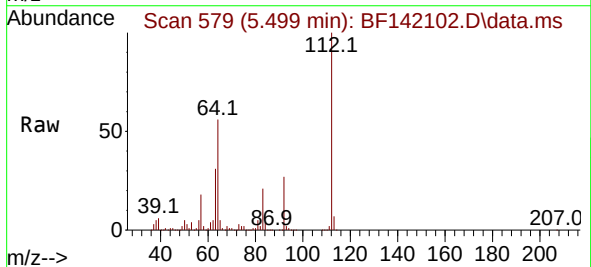
Instrument :
BNA_F
ClientSampleId :
WC-4

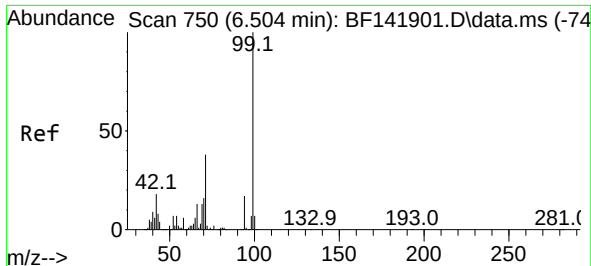
Tgt Ion:152 Resp: 125889
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 66.2 51.9 77.9



#5
2-Fluorophenol
Concen: 126.768 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

Tgt Ion:112 Resp: 956204
Ion Ratio Lower Upper
112 100
64 55.6 46.5 69.7
63 30.8 25.4 38.2





#7
Phenol-d6
Concen: 112.659 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

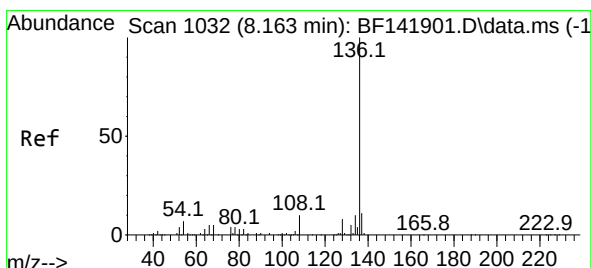
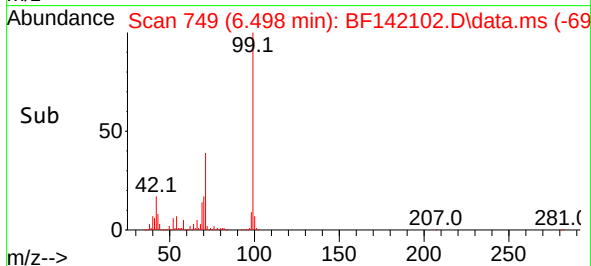
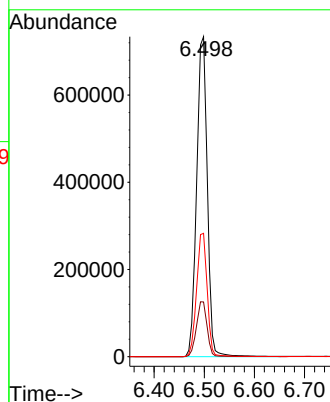
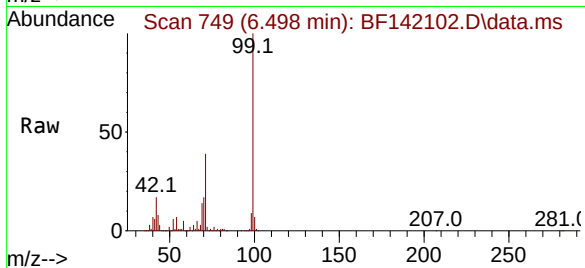
Instrument :

BNA_F

ClientSampleId :

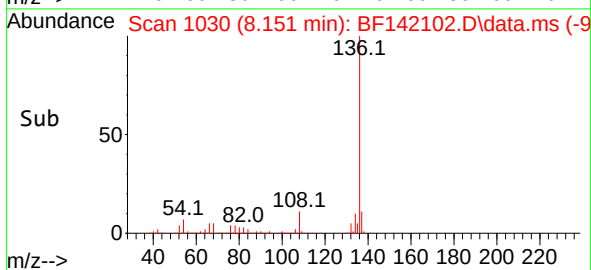
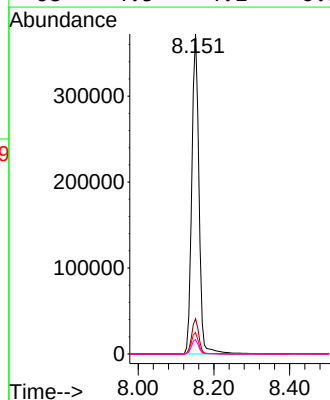
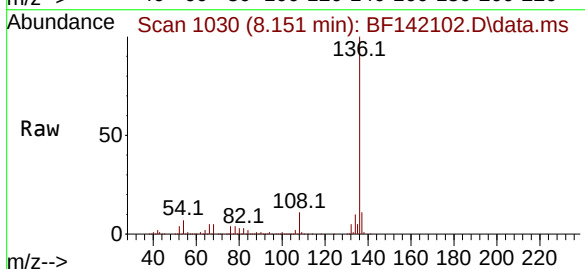
WC-4

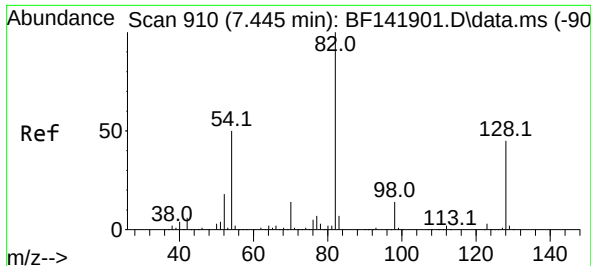
Tgt Ion: 99 Resp: 1081959
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 38.6 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

Tgt Ion:136 Resp: 489828
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.8 8.8
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 95.835 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142102.D

Acq: 26 Mar 2025 17:40

Instrument :

BNA_F

ClientSampleId :

WC-4

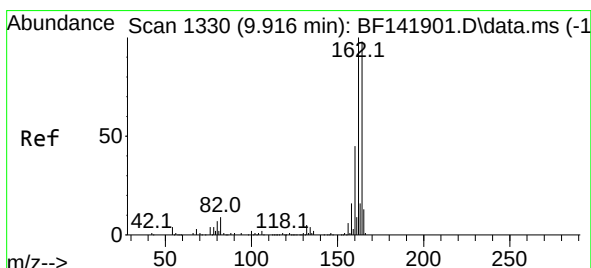
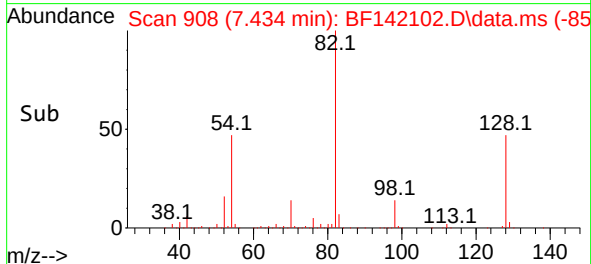
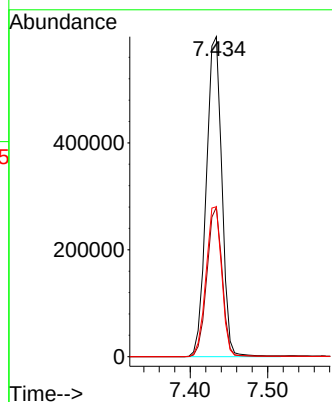
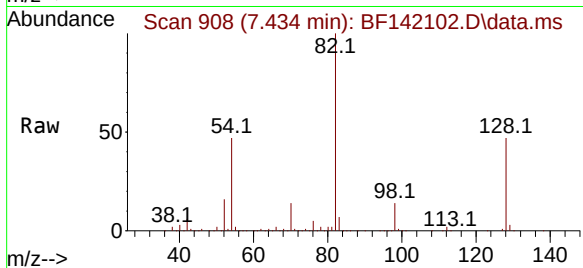
Tgt Ion: 82 Resp: 834155

Ion Ratio Lower Upper

82 100

128 46.7 36.0 54.0

54 46.9 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: BF142102.D

Acq: 26 Mar 2025 17:40

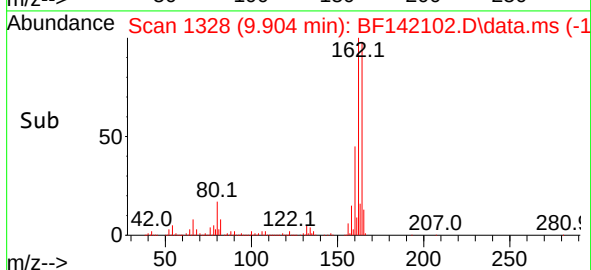
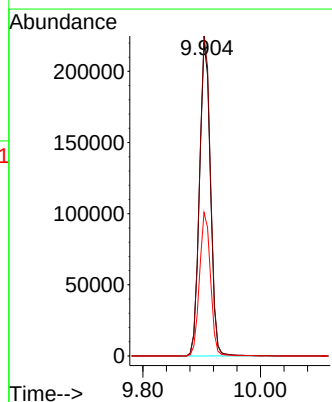
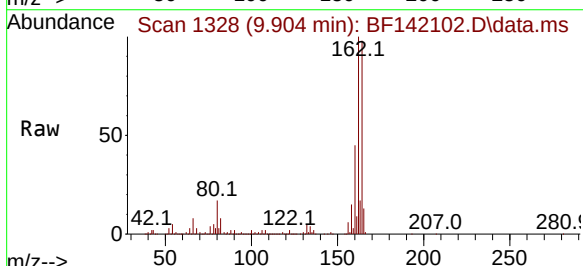
Tgt Ion:164 Resp: 284595

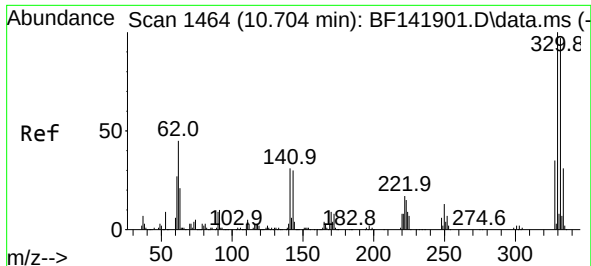
Ion Ratio Lower Upper

164 100

162 102.0 81.8 122.6

160 45.7 36.7 55.1

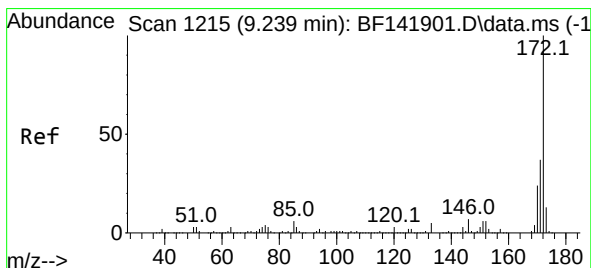
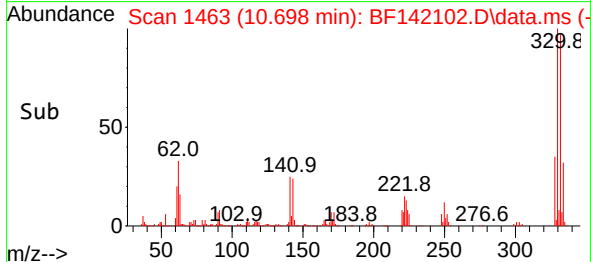
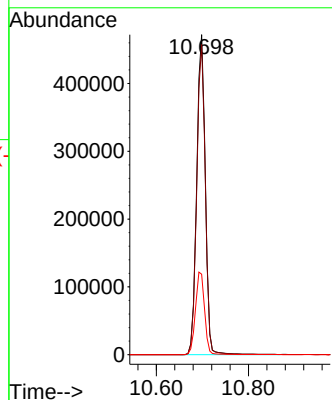
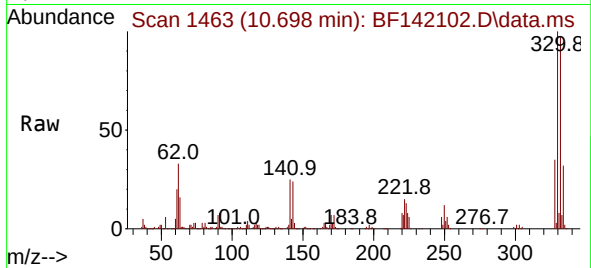




#42
2,4,6-Tribromophenol
Concen: 168.954 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

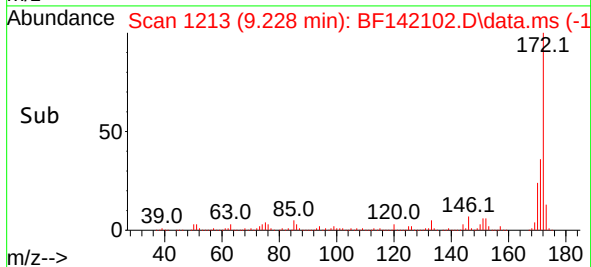
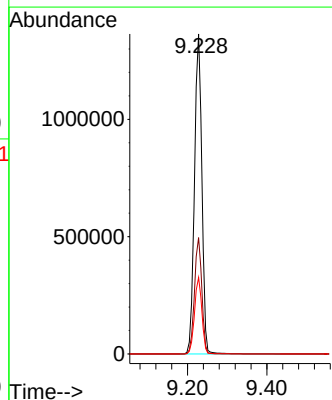
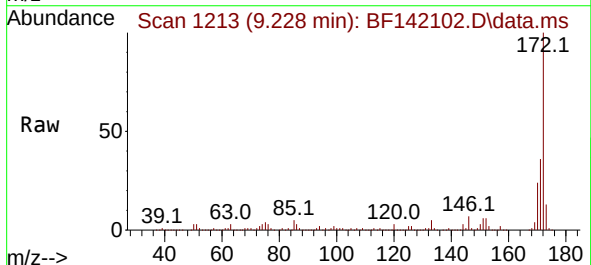
Instrument :
BNA_F
ClientSampleId :
WC-4

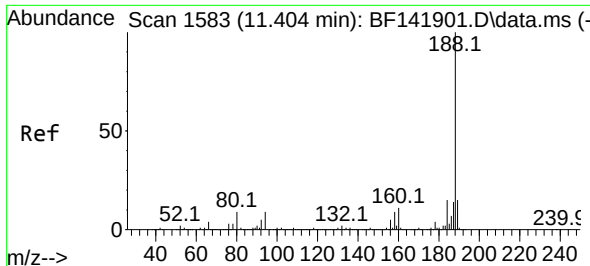
Tgt Ion:330 Resp: 610003
Ion Ratio Lower Upper
330 100
332 96.8 77.6 116.4
141 27.4 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 94.730 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

Tgt Ion:172 Resp: 1772710
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 23.9 19.4 29.0

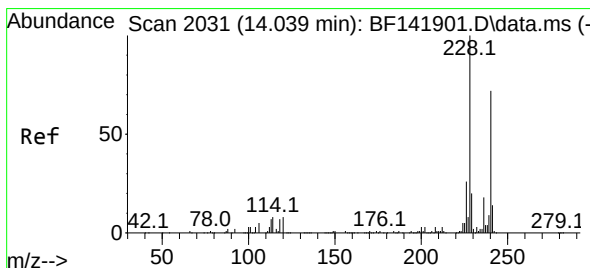
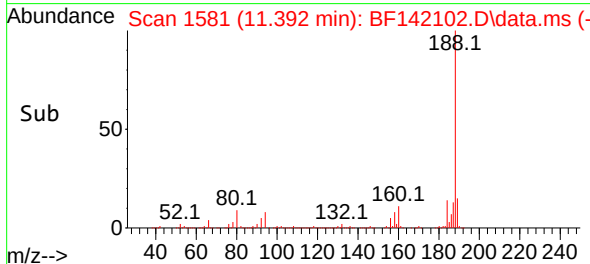
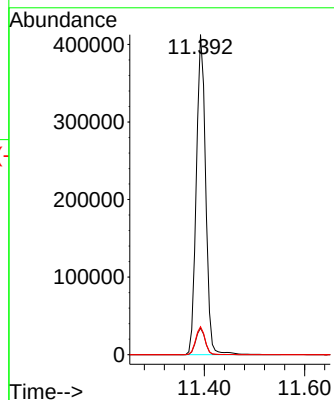
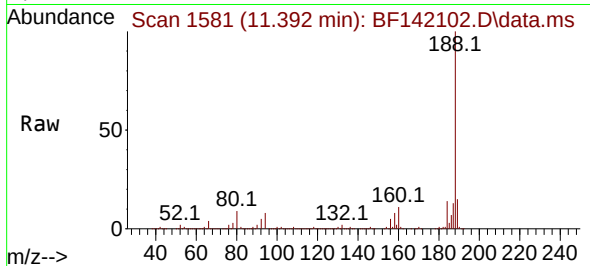




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

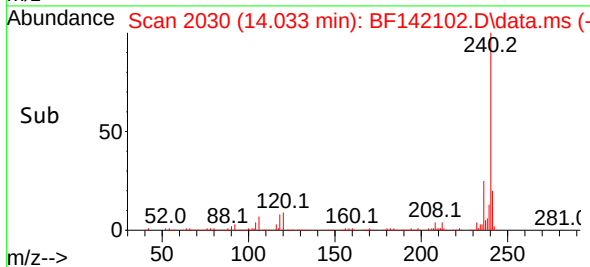
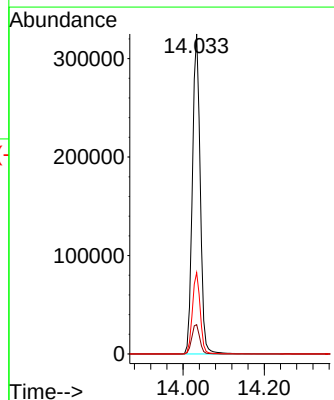
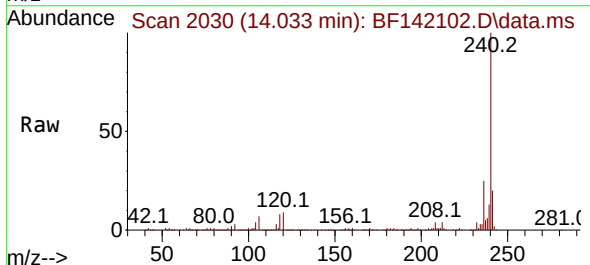
Instrument :
BNA_F
ClientSampleId :
WC-4

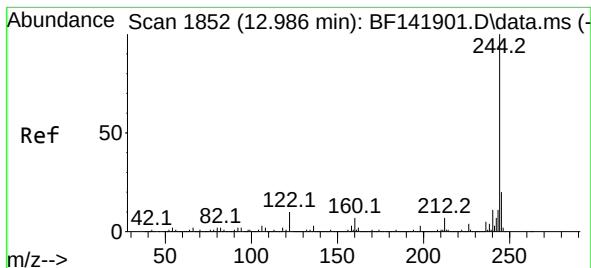
Tgt Ion:188 Resp: 531902
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142102.D
Acq: 26 Mar 2025 17:40

Tgt Ion:240 Resp: 433532
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 87.491 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142102.D

Acq: 26 Mar 2025 17:40

Instrument :

BNA_F

ClientSampleId :

WC-4

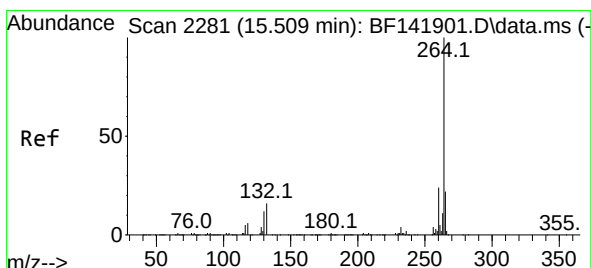
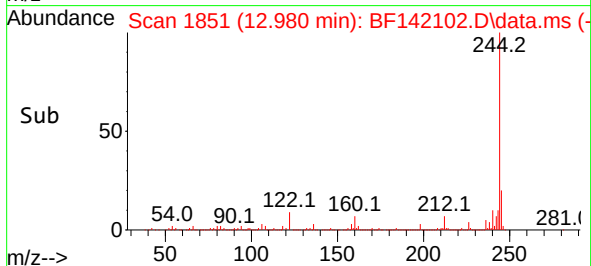
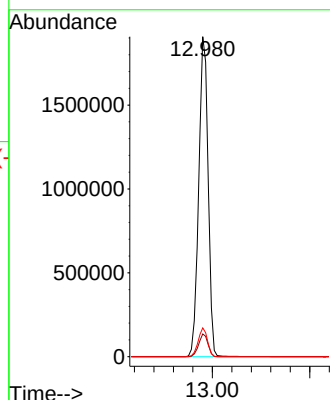
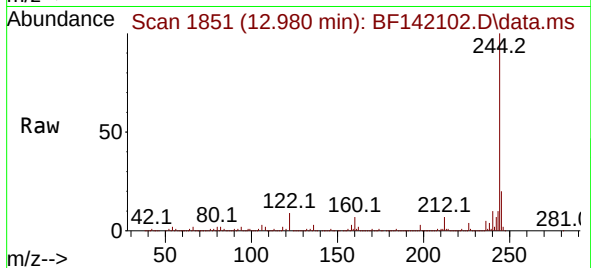
Tgt Ion:244 Resp: 2565514

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: 15.504 min Scan# 2280

Delta R.T. -0.006 min

Lab File: BF142102.D

Acq: 26 Mar 2025 17:40

Tgt Ion:264 Resp: 304352

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 22.3 17.5 26.3

