

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142124.D
 Acq On : 27 Mar 2025 14:08
 Operator : RC/JU
 Sample : Q1645-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Mar 27 14:32:52 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	102305	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	405650	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	226327	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	401651	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	303168	20.000	ng	0.00
86) Perylene-d12	15.504	264	327999	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	800389	130.572	ng	0.00
7) Phenol-d6	6.493	99	973953	124.791	ng	-0.01
23) Nitrobenzene-d5	7.428	82	643272	89.241	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	307634	107.143	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1303738	87.605	ng	-0.01
79) Terphenyl-d14	12.980	244	1611953	78.610	ng	0.00

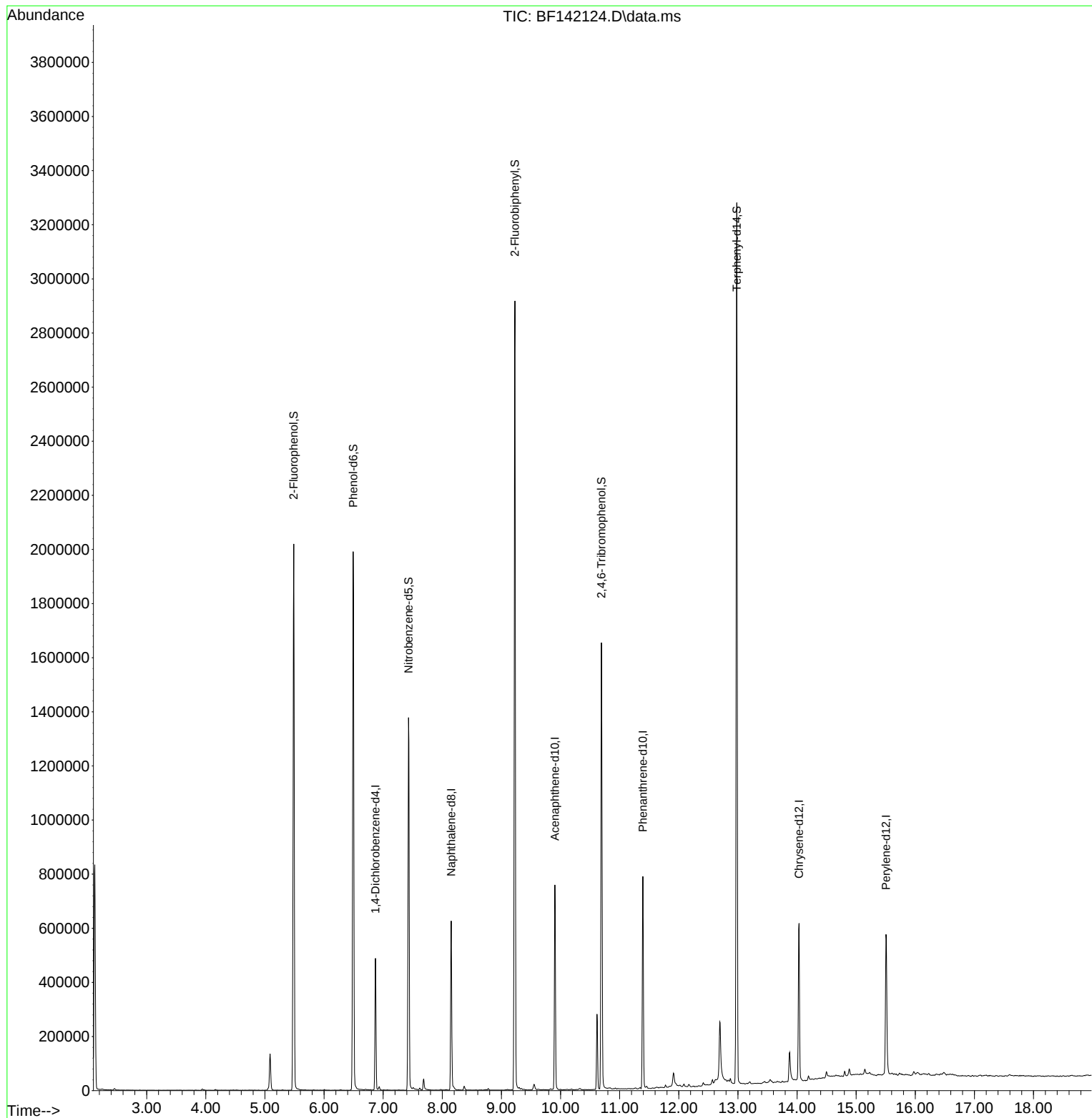
Target Compounds	Qvalue

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

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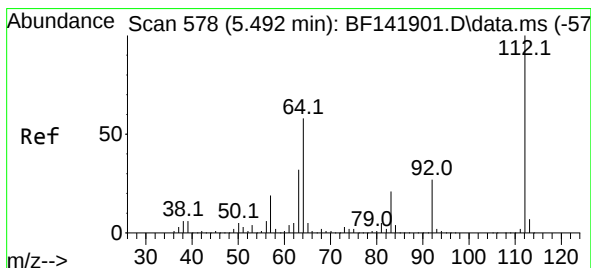
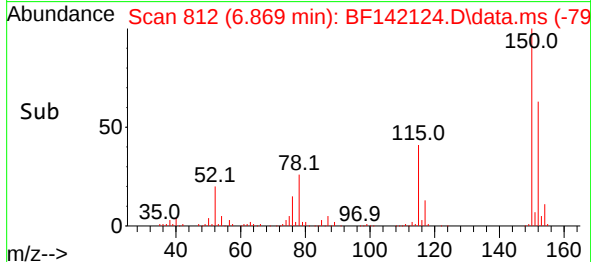
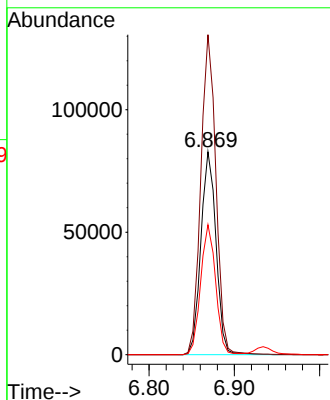
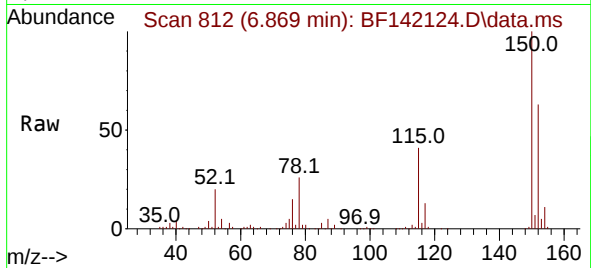




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

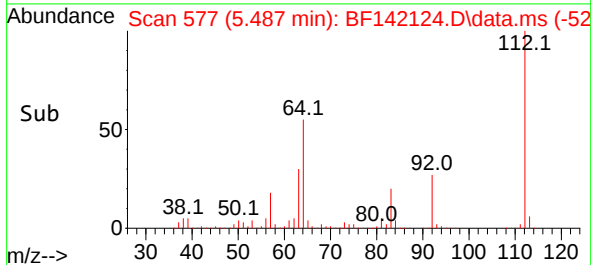
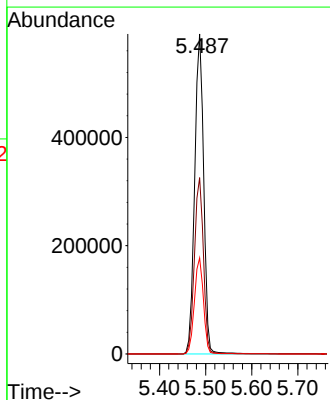
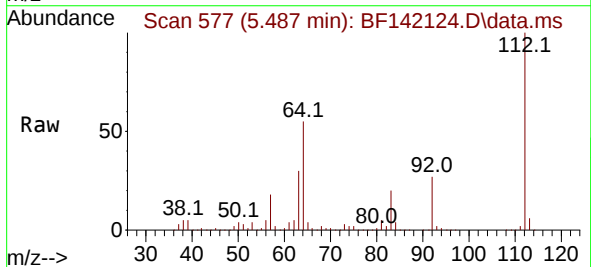
Instrument :
BNA_F
ClientSampleId :
TP-4

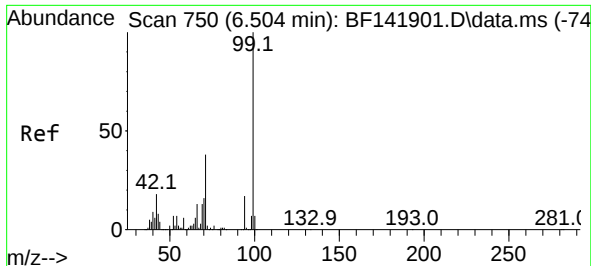
Tgt Ion:152 Resp: 102305
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.2
115 64.0 51.9 77.9



#5
2-Fluorophenol
Concen: 130.572 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

Tgt Ion:112 Resp: 800389
Ion Ratio Lower Upper
112 100
64 55.1 46.5 69.7
63 30.0 25.4 38.2

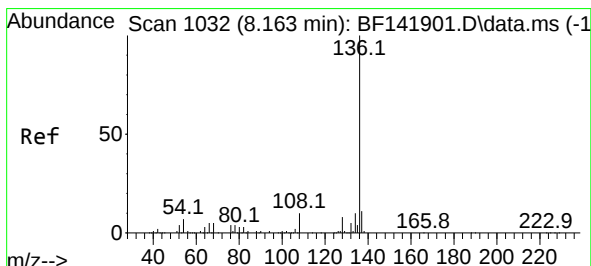
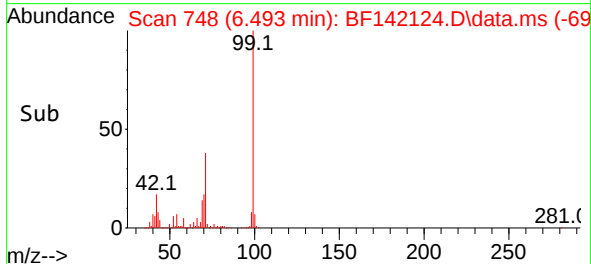
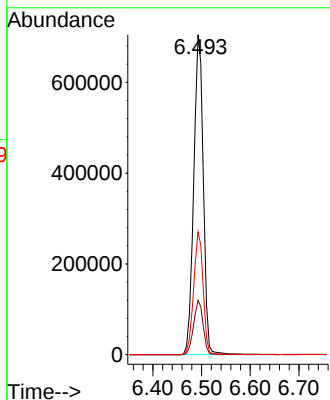
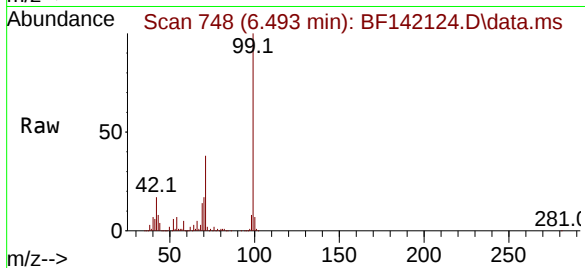




#7
Phenol-d6
Concen: 124.791 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

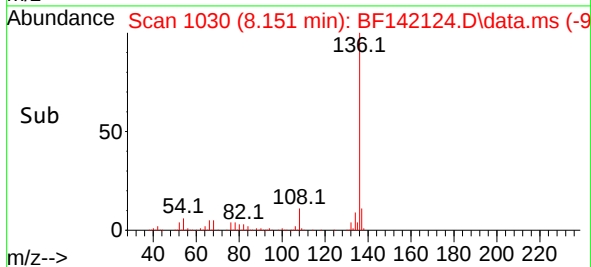
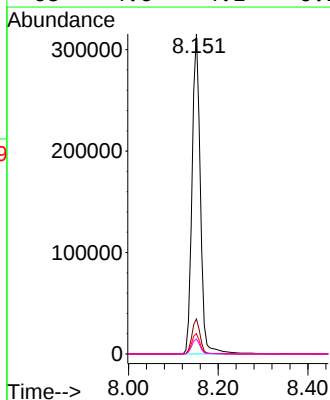
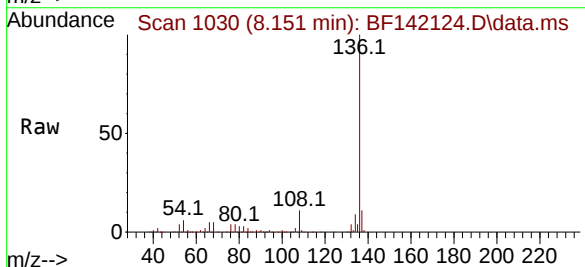
Instrument :
BNA_F
ClientSampleId :
TP-4

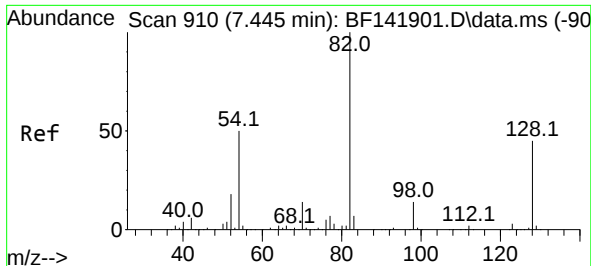
Tgt Ion: 99 Resp: 973953
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

Tgt Ion: 136 Resp: 405650
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.3 5.8 8.8
68 4.6 4.1 6.1

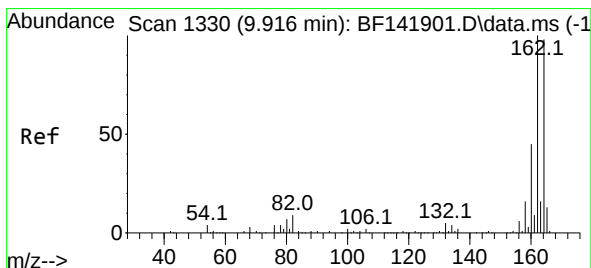
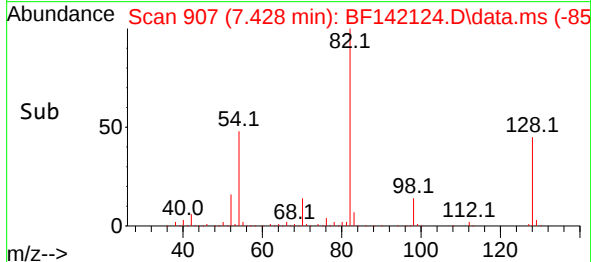
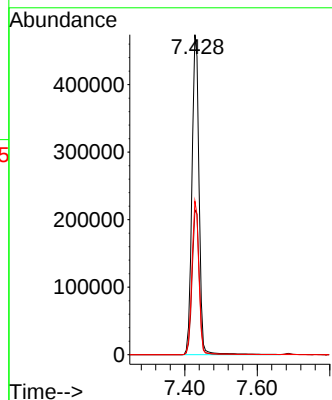
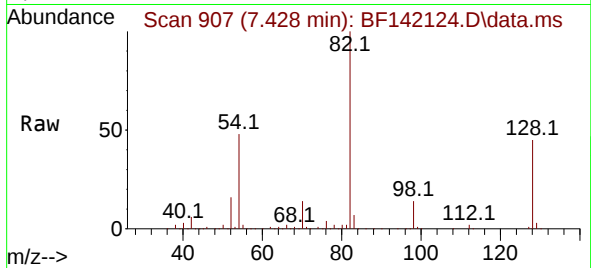




#23
Nitrobenzene-d5
Concen: 89.241 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.017 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

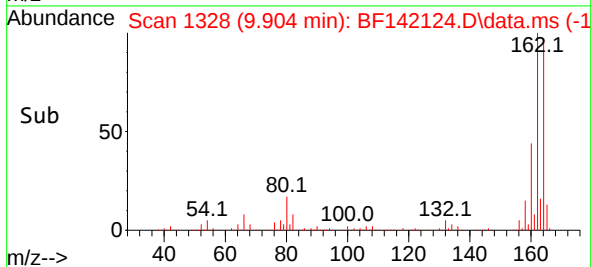
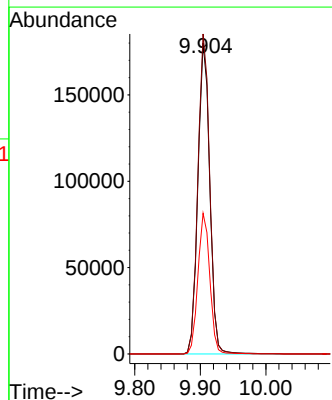
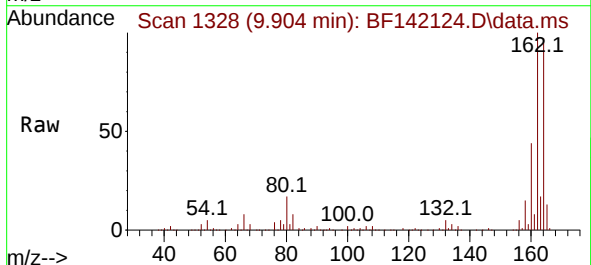
Instrument :
BNA_F
ClientSampleId :
TP-4

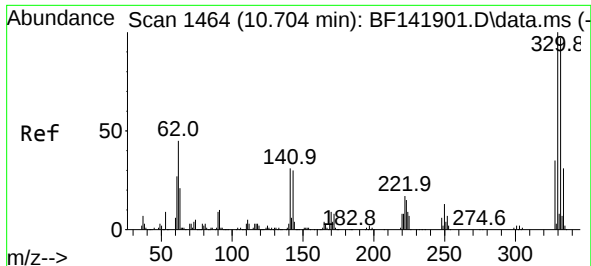
Tgt Ion: 82 Resp: 643272
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 48.0 39.6 59.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

Tgt Ion:164 Resp: 226327
Ion Ratio Lower Upper
164 100
162 102.9 81.8 122.6
160 45.2 36.7 55.1

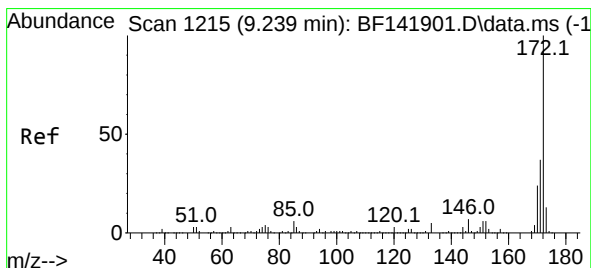
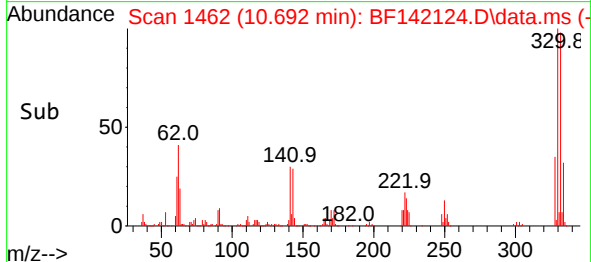
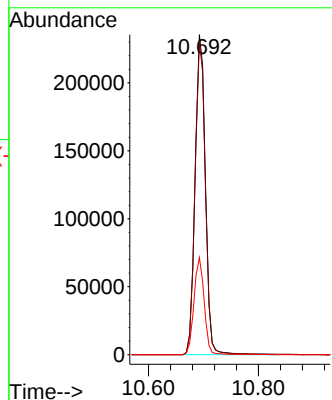
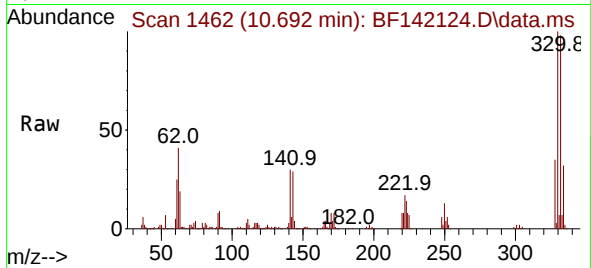




#42
 2,4,6-Tribromophenol
 Concen: 107.143 ng
 RT: 10.692 min Scan# 1462
 Delta R.T. -0.012 min
 Lab File: BF142124.D
 Acq: 27 Mar 2025 14:08

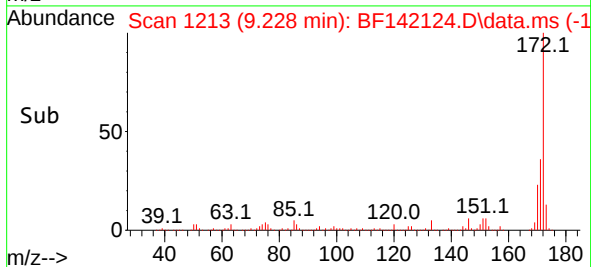
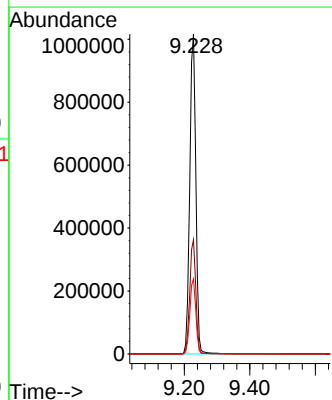
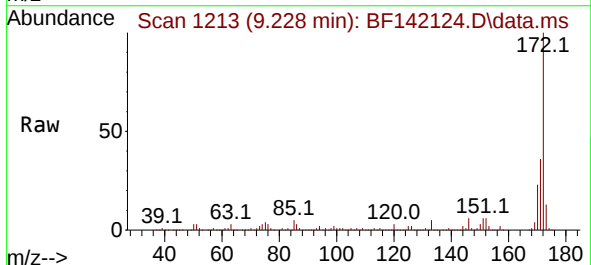
Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:330 Resp: 307634
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.6 116.4
 141 29.8 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 87.605 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142124.D
 Acq: 27 Mar 2025 14:08

Tgt Ion:172 Resp: 1303738
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 23.5 19.4 29.0

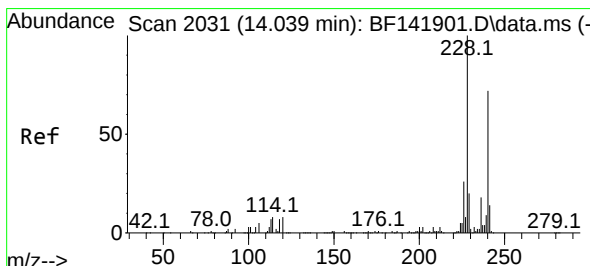
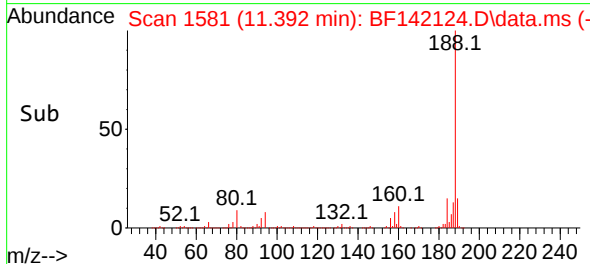
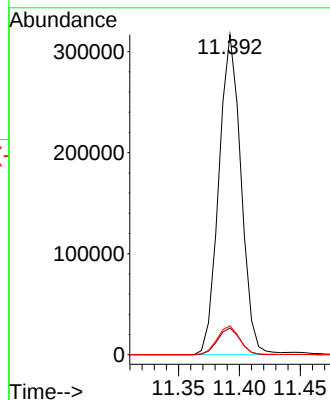
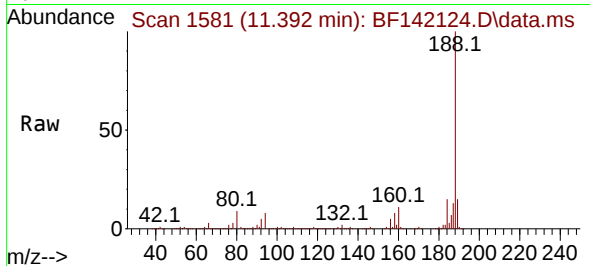




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

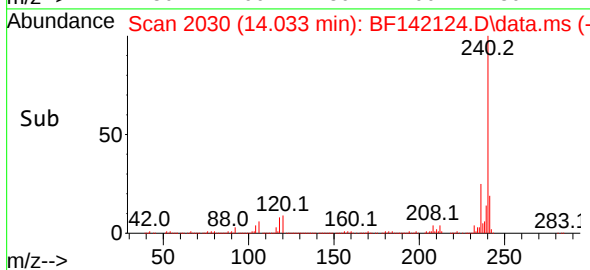
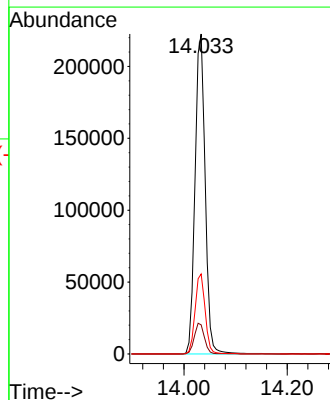
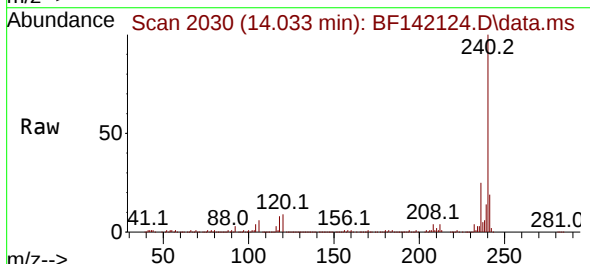
Instrument :
BNA_F
ClientSampleId :
TP-4

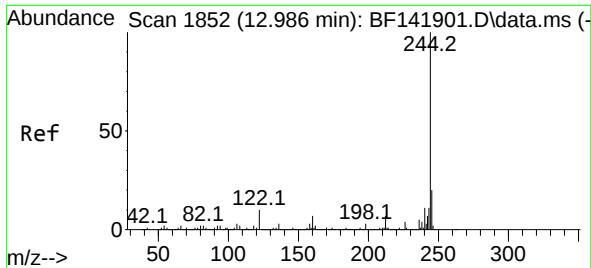
Tgt Ion:188 Resp: 401651
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142124.D
Acq: 27 Mar 2025 14:08

Tgt Ion:240 Resp: 303168
Ion Ratio Lower Upper
240 100
120 9.1 8.4 12.6
236 25.0 20.5 30.7

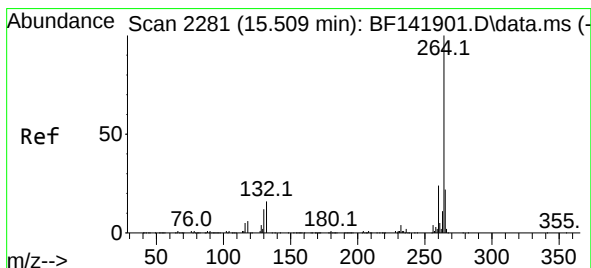
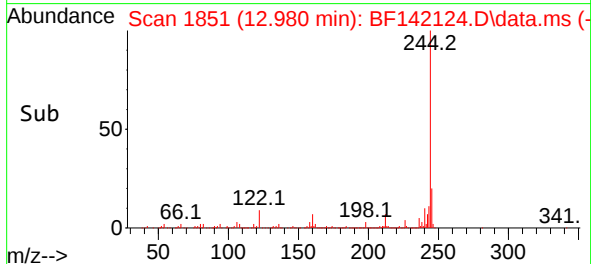
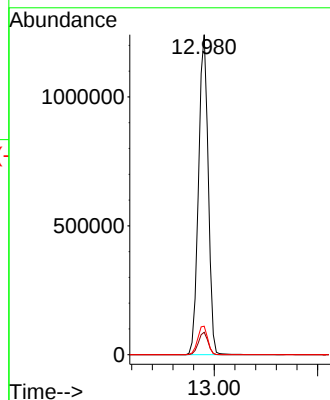
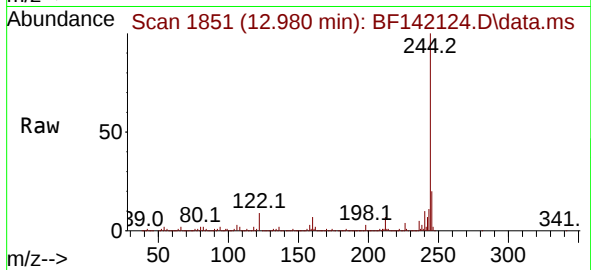




#79
 Terphenyl-d14
 Concen: 78.610 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142124.D
 Acq: 27 Mar 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1611953
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.9 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: BF142124.D
 Acq: 27 Mar 2025 14:08

Tgt Ion:264 Resp: 327999
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.1 28.7
 265 21.0 17.5 26.3

