

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032625\
Data File : BF142103.D
Acq On : 26 Mar 2025 18:10
Operator : RC/JU
Sample : Q1636-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-5

Quant Time: Mar 26 18:45:12 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	137234	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	540330	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	308892	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	592454	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	454346	20.000	ng	0.00
86) Perylene-d12	15.504	264	283188	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1085741	132.041	ng	0.00
7) Phenol-d6	6.498	99	1302736	124.433	ng	0.00
23) Nitrobenzene-d5	7.434	82	883843	92.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	687061	175.329	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1912712	94.171	ng	-0.01
79) Terphenyl-d14	12.980	244	2549596	82.965	ng	0.00

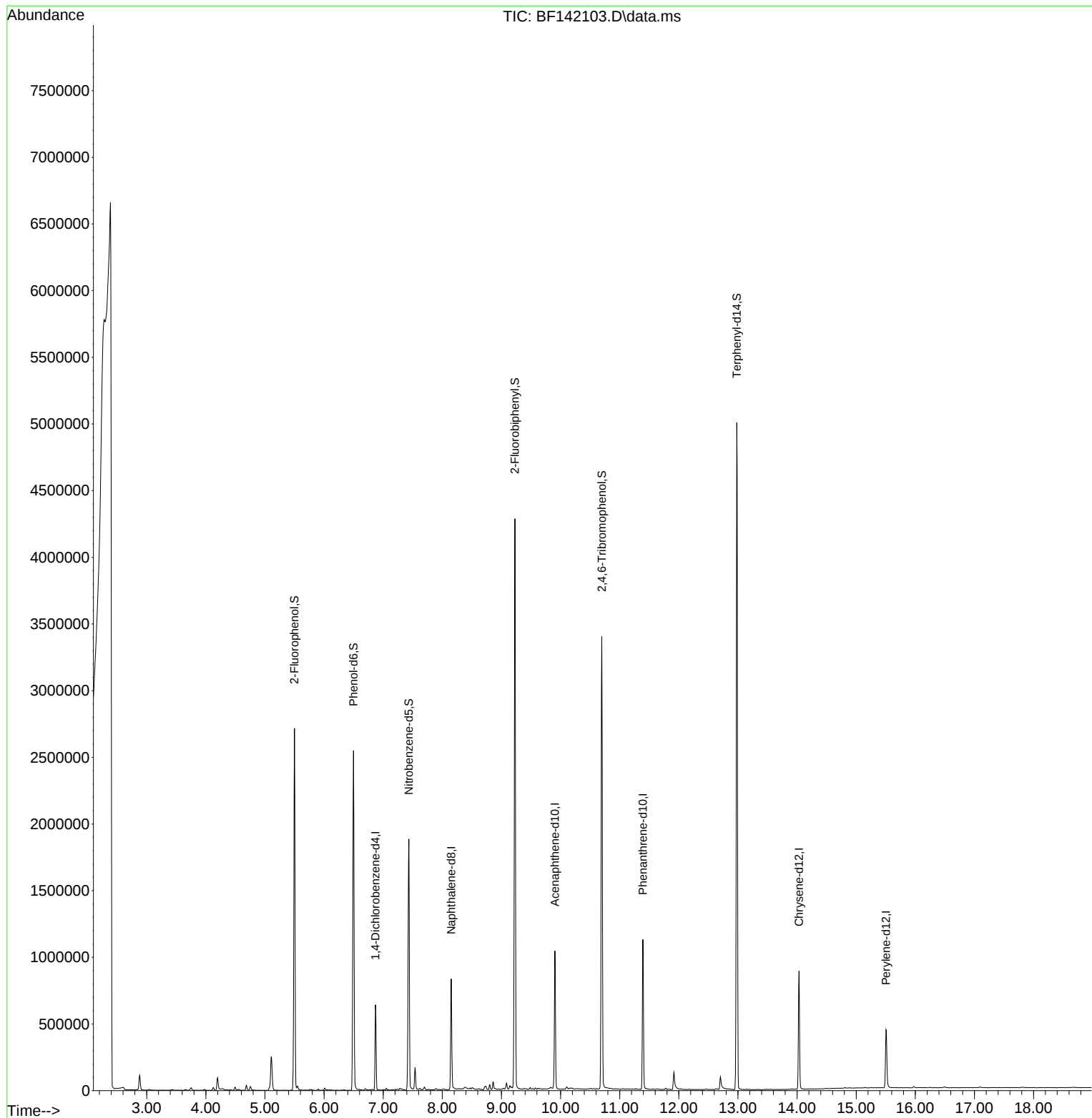
Target Compounds	Qvalue

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

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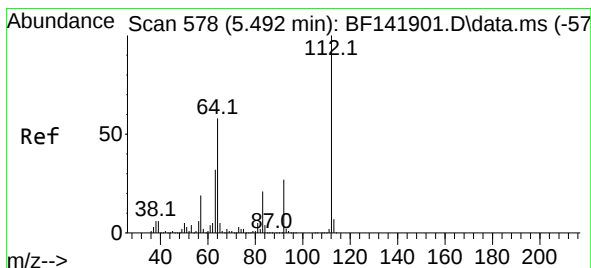
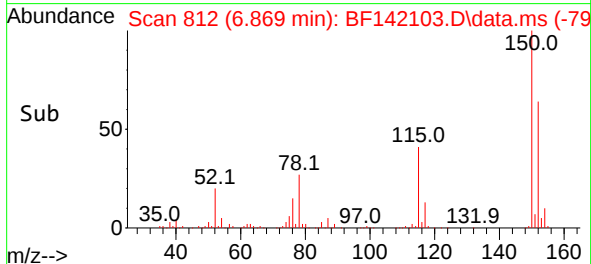
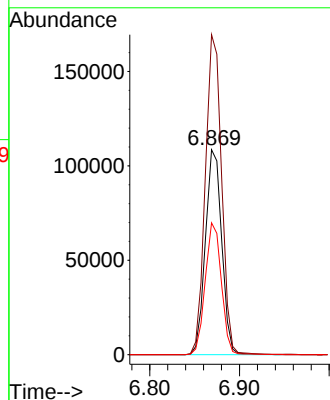
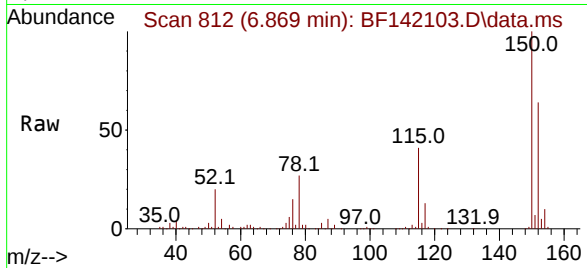




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

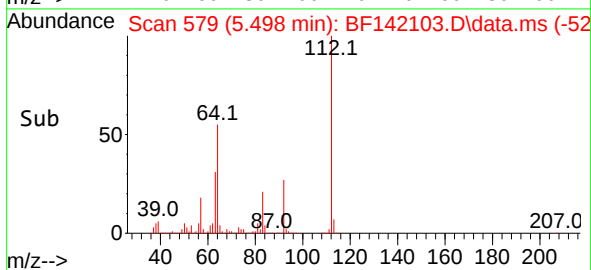
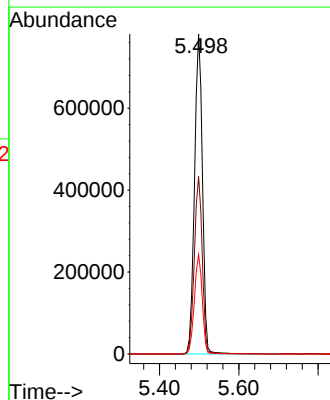
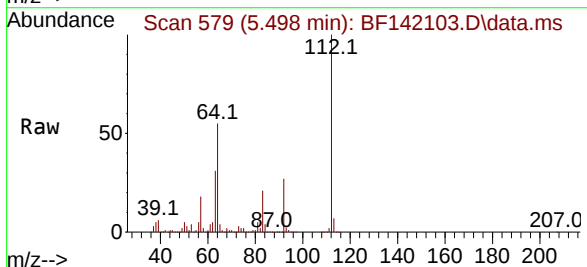
Instrument :
BNA_F
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 137234
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.2
115 64.3 51.9 77.9



#5
2-Fluorophenol
Concen: 132.041 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

Tgt Ion:112 Resp: 1085741
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 31.0 25.4 38.2

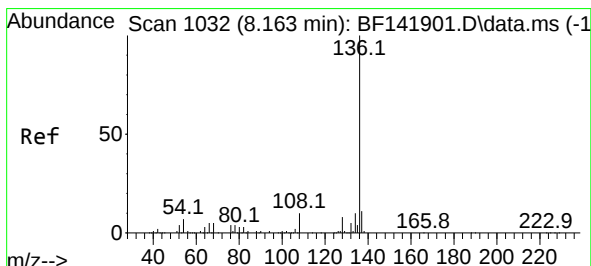
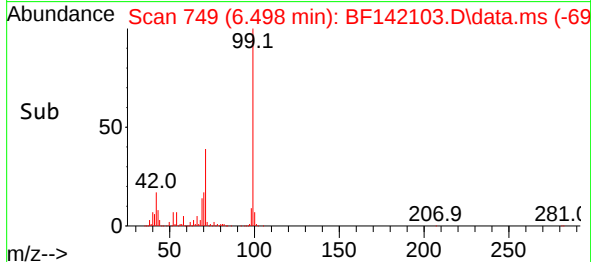
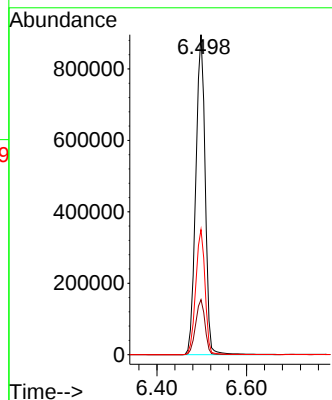
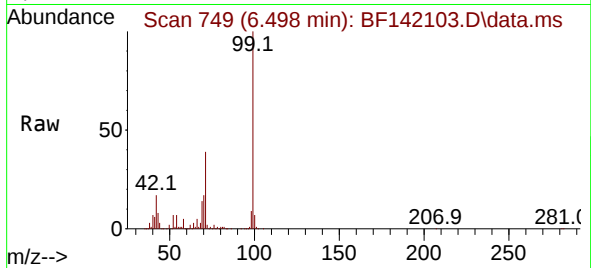




#7
Phenol-d6
Concen: 124.433 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

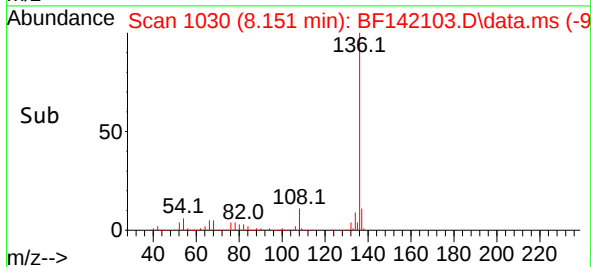
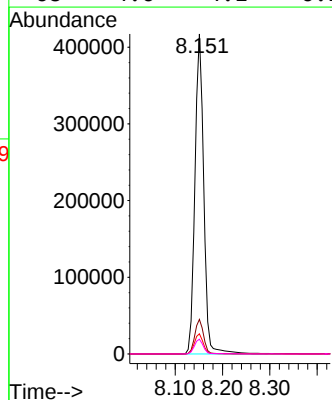
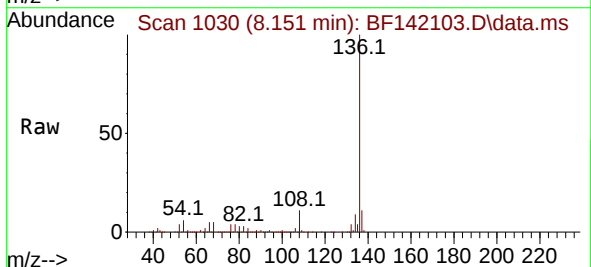
Instrument :
BNA_F
ClientSampleId :
WC-5

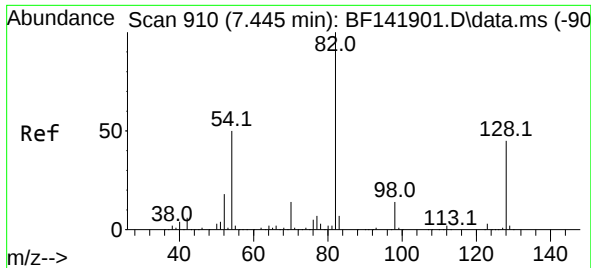
Tgt Ion: 99 Resp: 1302736
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 39.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

Tgt Ion: 136 Resp: 540330
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.3 5.8 8.8
68 4.6 4.1 6.1

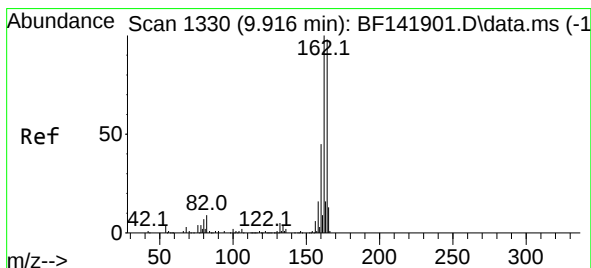
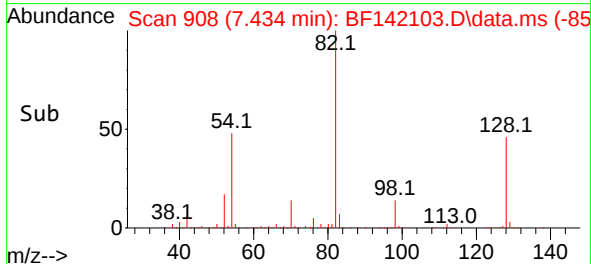
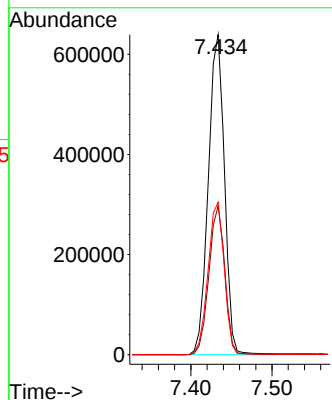
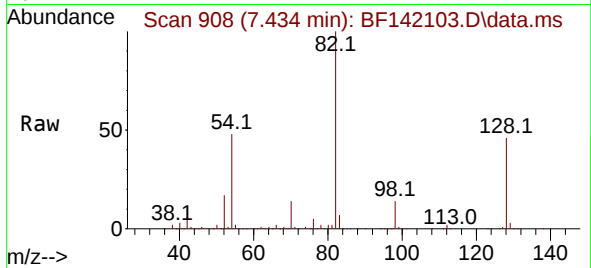




#23
 Nitrobenzene-d5
 Concen: 92.053 ng
 RT: 7.434 min Scan# 90
 Delta R.T. -0.012 min
 Lab File: BF142103.D
 Acq: 26 Mar 2025 18:10

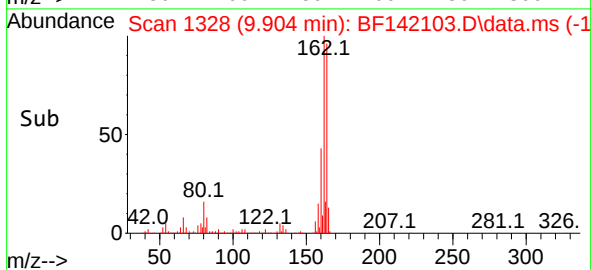
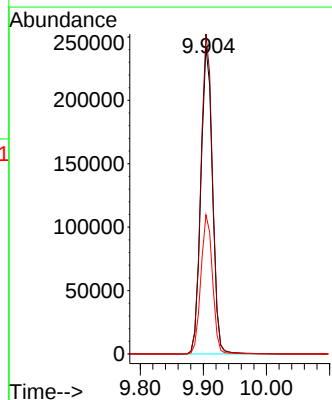
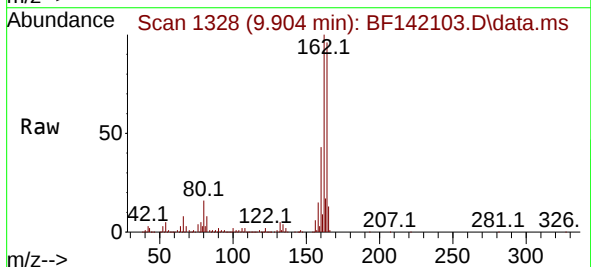
Instrument :
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 ClientSampleId :
 WC-5

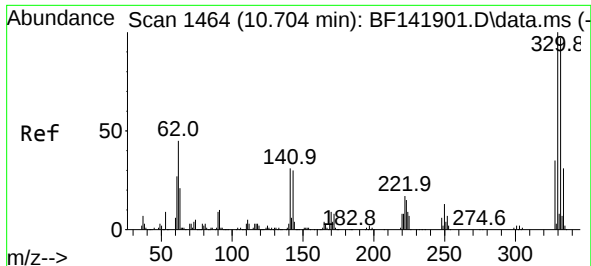
Tgt Ion: 82 Resp: 883843
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.0 54.0
 54 47.6 39.6 59.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1328
 Delta R.T. -0.012 min
 Lab File: BF142103.D
 Acq: 26 Mar 2025 18:10

Tgt Ion:164 Resp: 308892
 Ion Ratio Lower Upper
 164 100
 162 104.3 81.8 122.6
 160 45.3 36.7 55.1

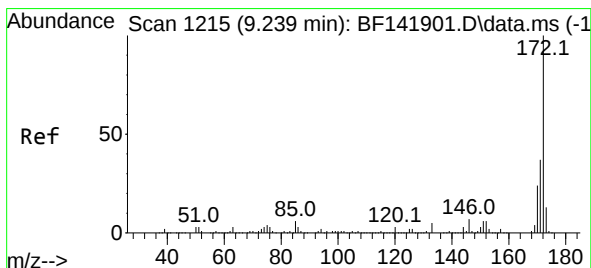
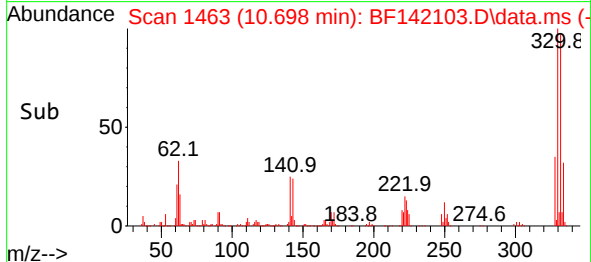
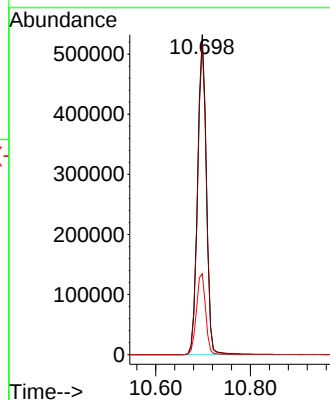
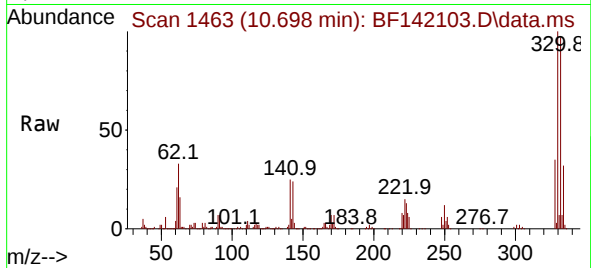




#42
2,4,6-Tribromophenol
Concen: 175.329 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

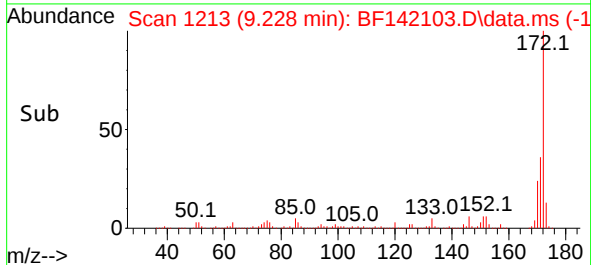
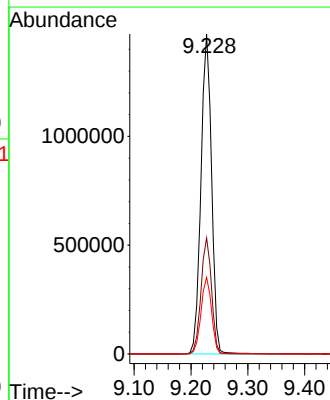
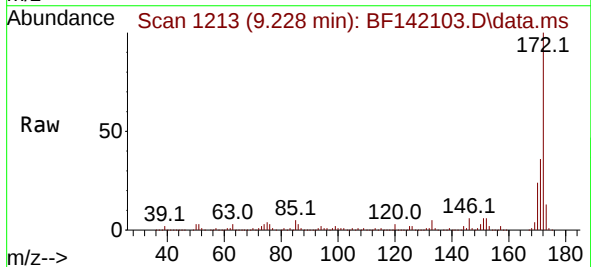
Instrument :
BNA_F
ClientSampleId :
WC-5

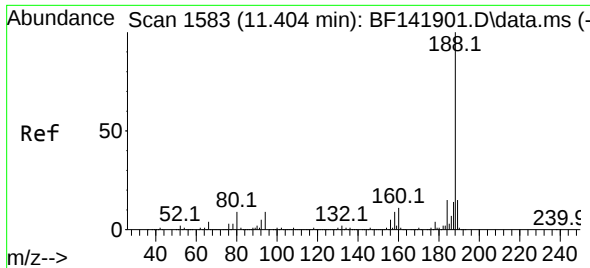
Tgt Ion: 330 Resp: 687061
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 26.6 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 94.171 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

Tgt Ion: 172 Resp: 1912712
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 24.0 19.4 29.0

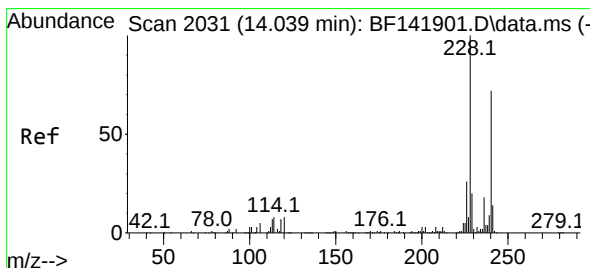
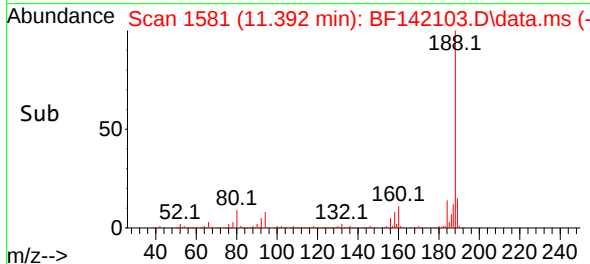
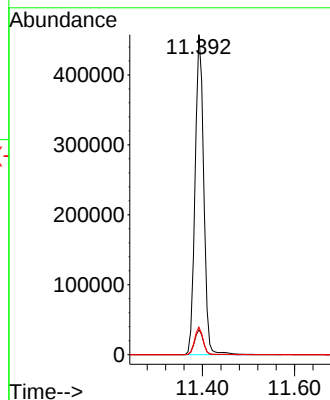
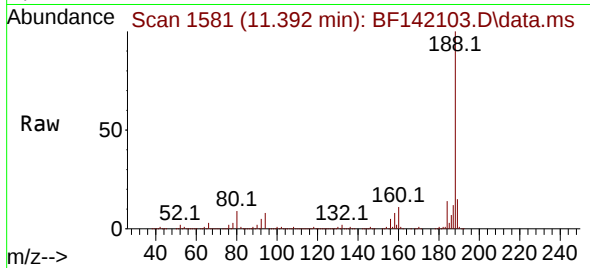




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

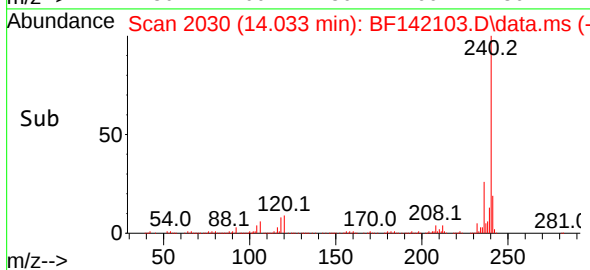
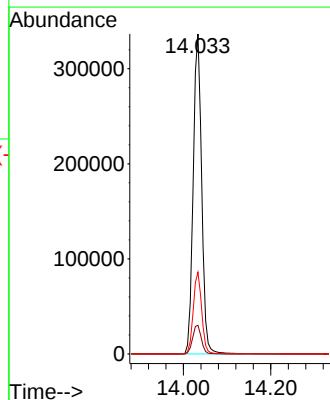
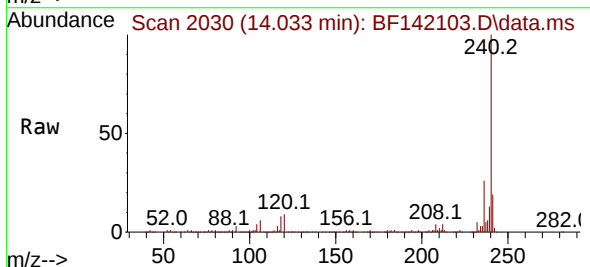
Instrument :
BNA_F
ClientSampleId :
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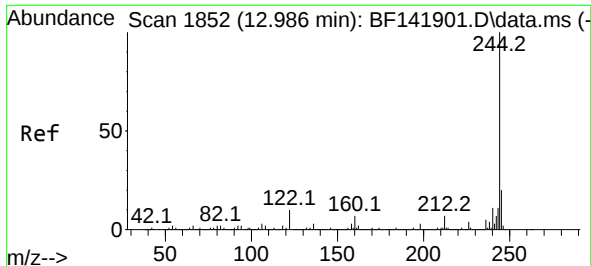
Tgt Ion:188 Resp: 592454
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142103.D
Acq: 26 Mar 2025 18:10

Tgt Ion:240 Resp: 454346
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.6 20.5 30.7

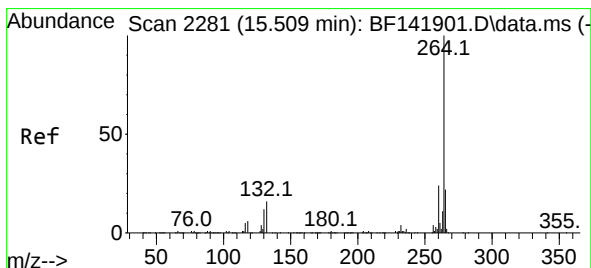
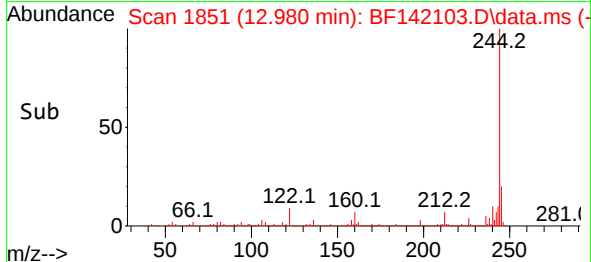
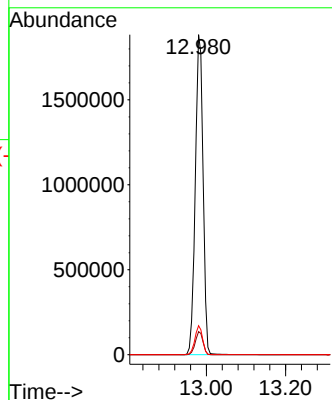
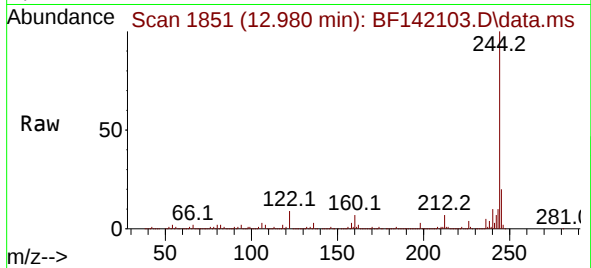




#79
 Terphenyl-d14
 Concen: 82.965 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142103.D
 Acq: 26 Mar 2025 18:10

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:244 Resp: 2549596
 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: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142103.D
 Acq: 26 Mar 2025 18:10

Tgt Ion:264 Resp: 283188
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.6 17.5 26.3

