

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142508.D
 Acq On : 22 May 2025 14:09
 Operator : RC/JU
 Sample : Q2080-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-02

Quant Time: May 22 14:41:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

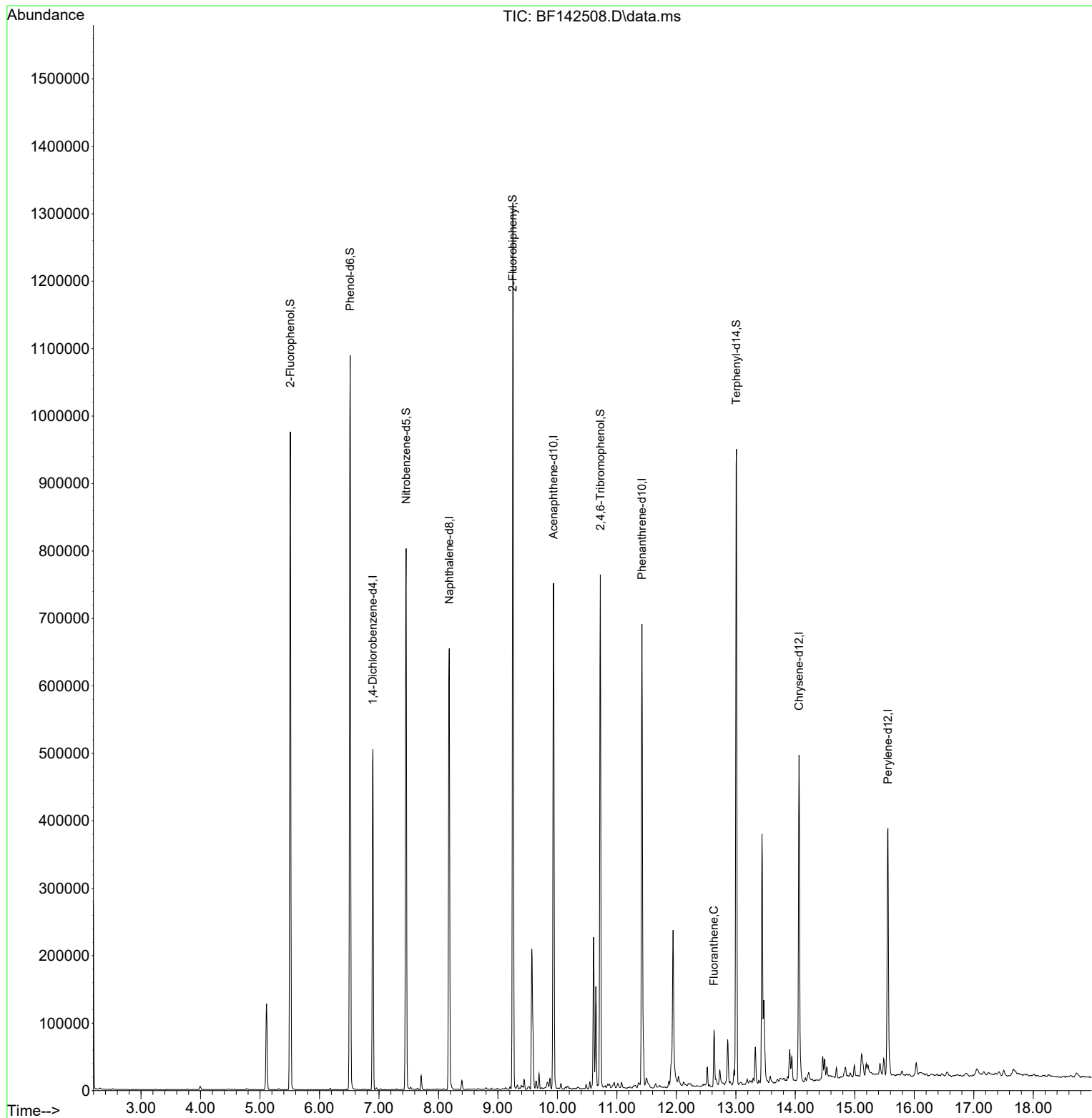
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111838	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	426297	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	224863	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	351320	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	219947	20.000	ng	-0.01
86) Perylene-d12	15.557	264	219607	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	363726	54.793	ng	0.00
7) Phenol-d6	6.516	99	498979	62.444	ng	-0.02
23) Nitrobenzene-d5	7.457	82	344202	44.028	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	127795	51.206	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	592514	35.358	ng	-0.02
79) Terphenyl-d14	13.010	244	465513	28.923	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	47242	2.693	ng	Qvalue 99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
Data File : BF142508.D
Acq On : 22 May 2025 14:09
Operator : RC/JU
Sample : Q2080-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

Quant Time: May 22 14:41:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

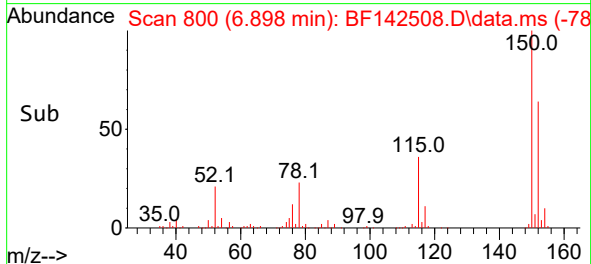
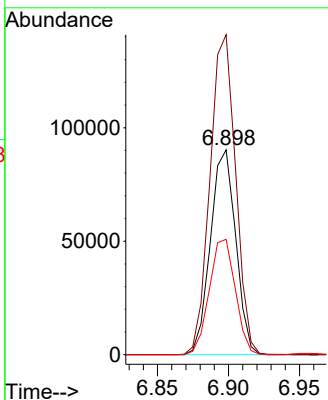
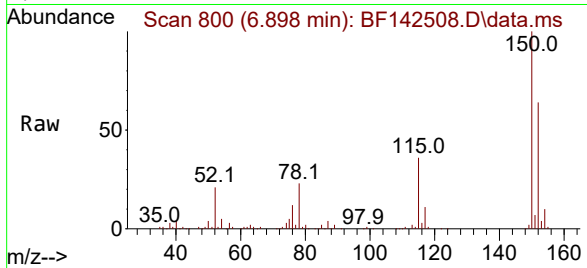




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

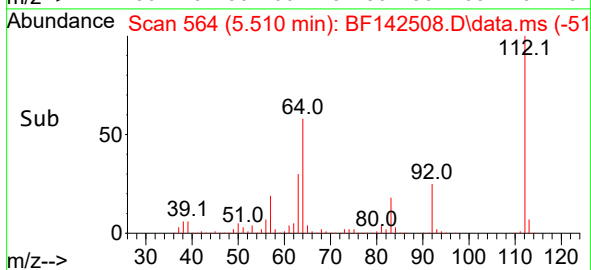
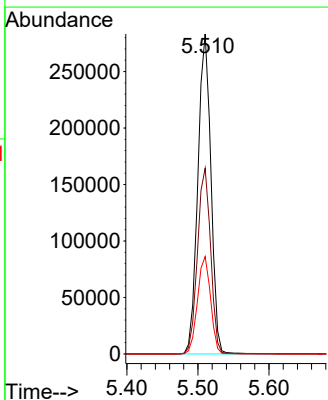
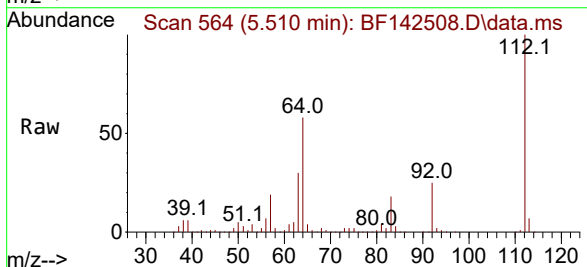
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

Tgt Ion:152 Resp: 111838
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.4
115 56.3 48.3 72.5



#5
2-Fluorophenol
Concen: 54.793 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

Tgt Ion:112 Resp: 363726
Ion Ratio Lower Upper
112 100
64 58.0 47.5 71.3
63 30.4 24.9 37.3

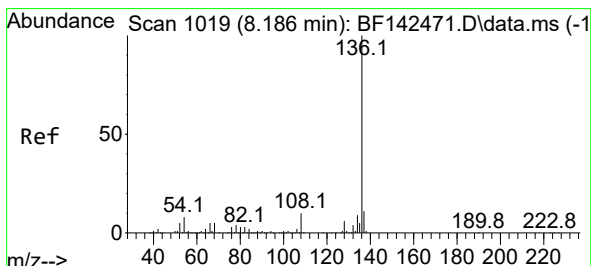
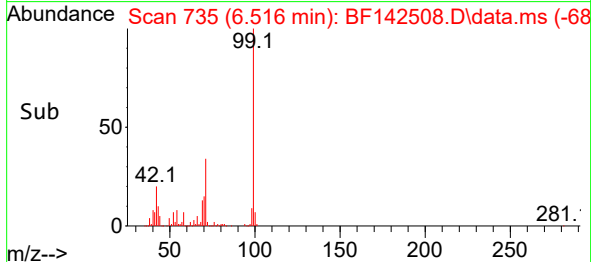
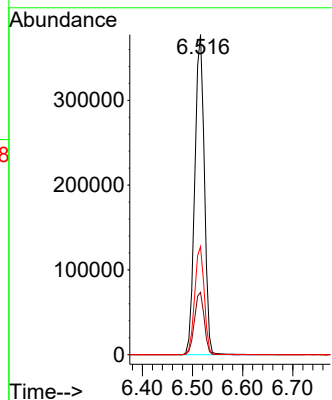
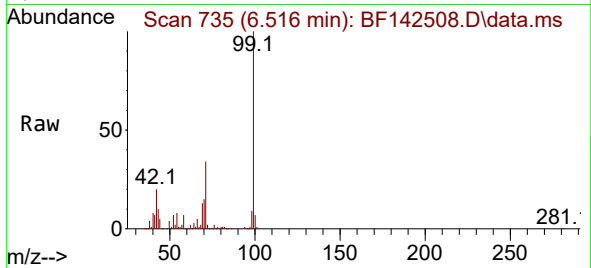




#7
Phenol-d6
Concen: 62.444 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

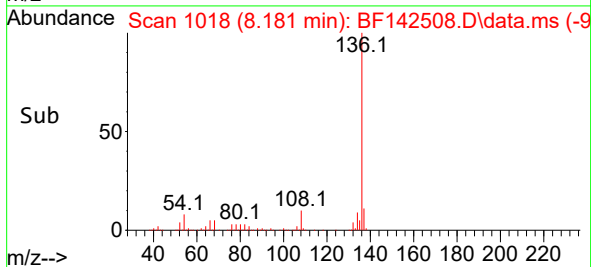
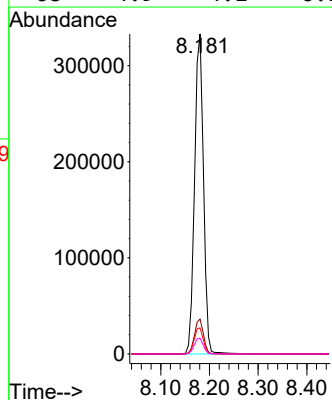
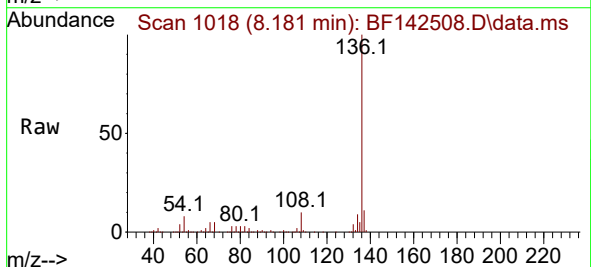
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

Tgt Ion: 99 Resp: 498979
Ion Ratio Lower Upper
99 100
42 19.5 16.2 24.2
71 33.8 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

Tgt Ion: 136 Resp: 426297
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 4.9 4.1 6.1

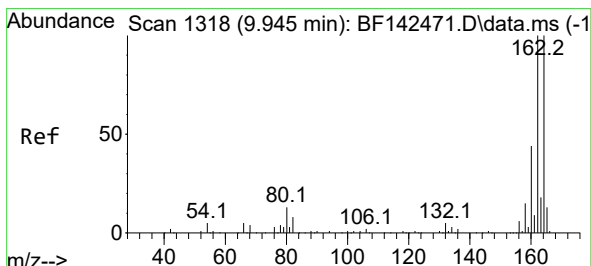
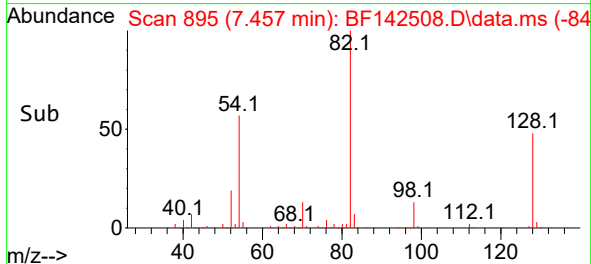
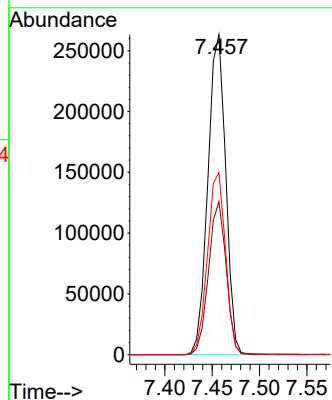
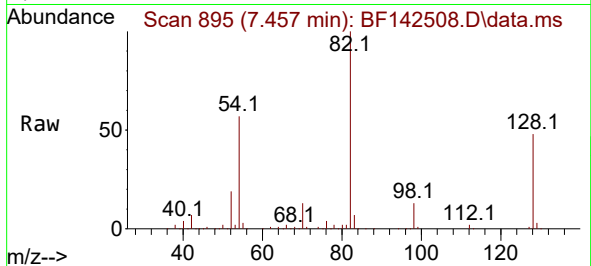




#23
 Nitrobenzene-d5
 Concen: 44.028 ng
 RT: 7.457 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF142508.D
 Acq: 22 May 2025 14:09

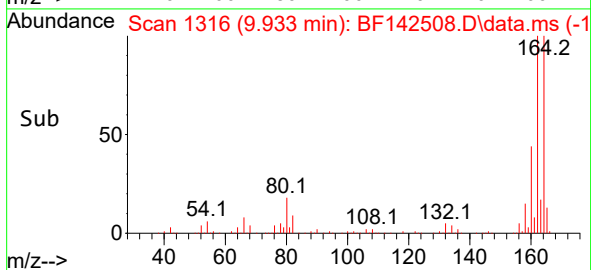
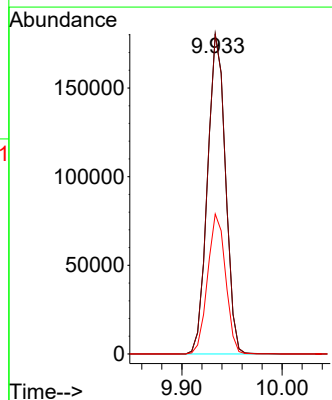
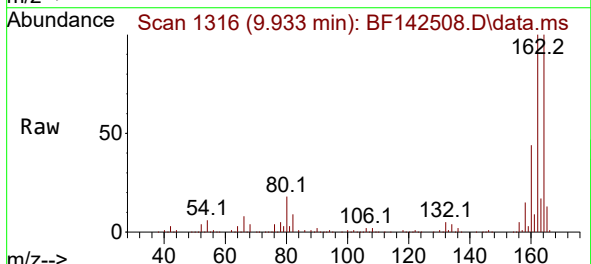
Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-02

Tgt Ion: 82 Resp: 344202
 Ion Ratio Lower Upper
 82 100
 128 47.8 37.4 56.2
 54 56.9 46.6 70.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1316
 Delta R.T. -0.012 min
 Lab File: BF142508.D
 Acq: 22 May 2025 14:09

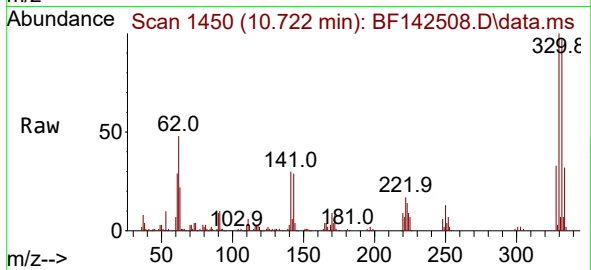
Tgt Ion:164 Resp: 224863
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.2 120.4
 160 43.8 35.6 53.4



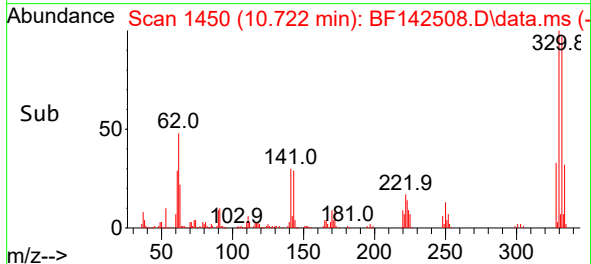
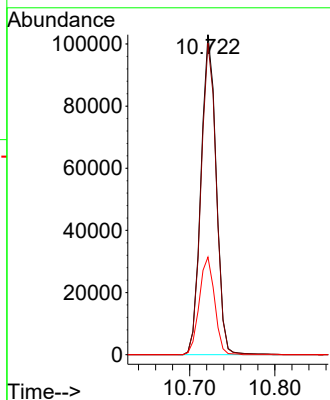


#42
2,4,6-Tribromophenol
Concen: 51.206 ng
RT: 10.722 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

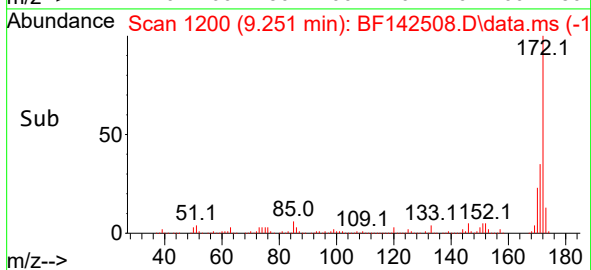
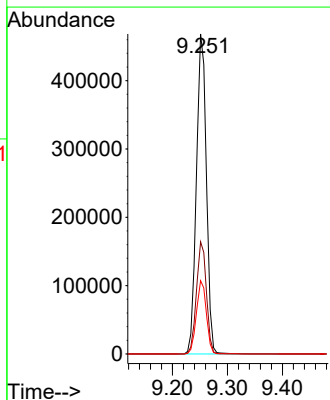
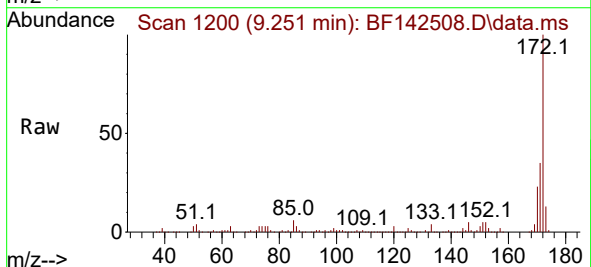


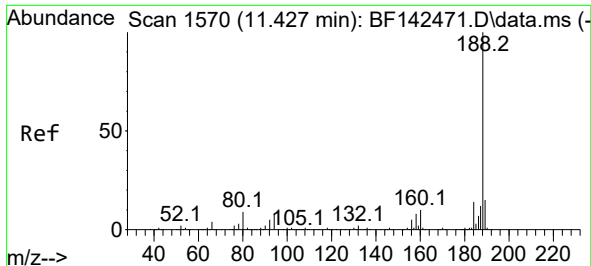
Tgt Ion:330 Resp: 127795
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 30.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 35.358 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.018 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

Tgt Ion:172 Resp: 592514
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 22.9 18.9 28.3

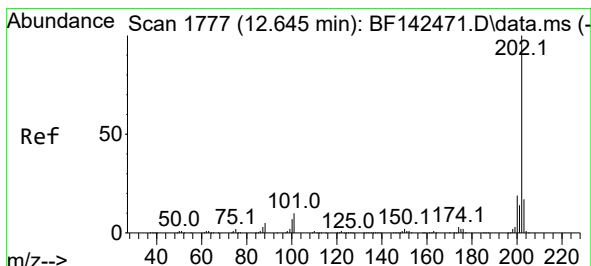
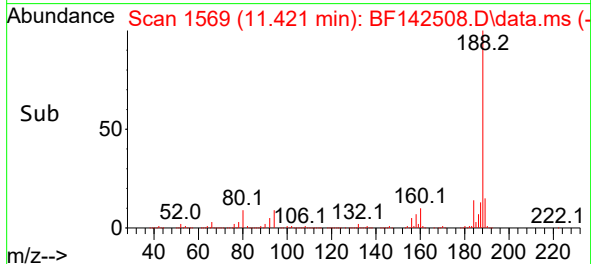
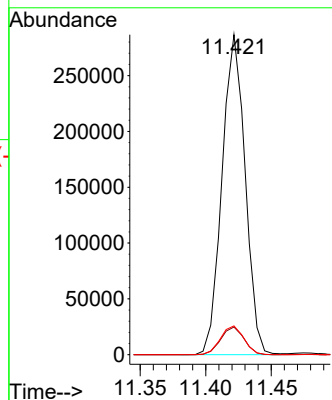
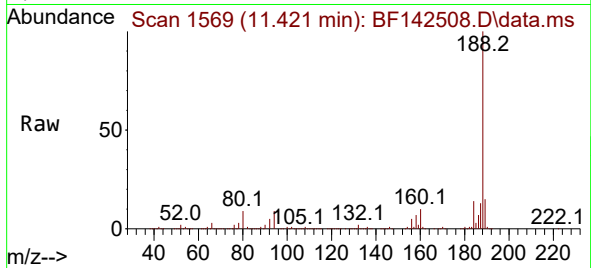




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

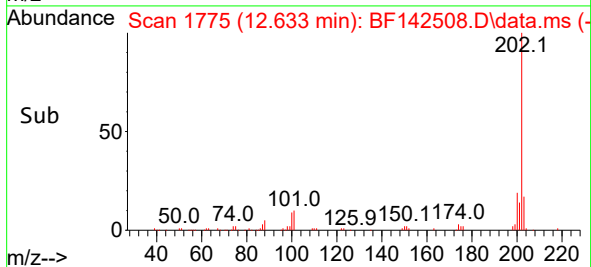
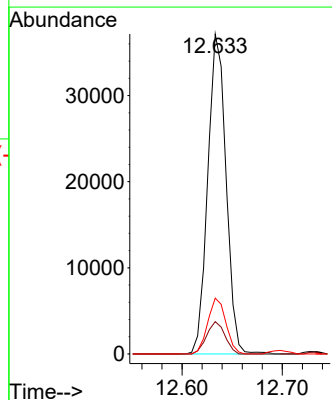
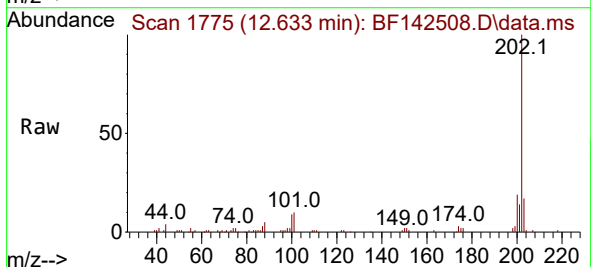
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

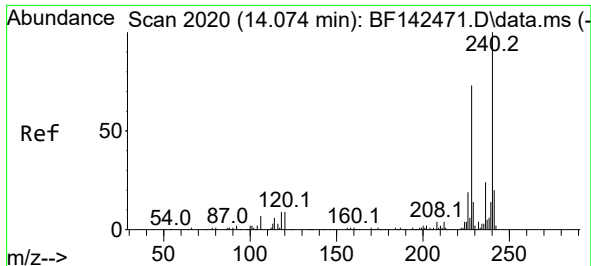
Tgt Ion:188 Resp: 351320
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.0 7.4 11.0



#75
Fluoranthene
Concen: 2.693 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.012 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

Tgt Ion:202 Resp: 47242
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.6
203 17.5 0.0 37.2

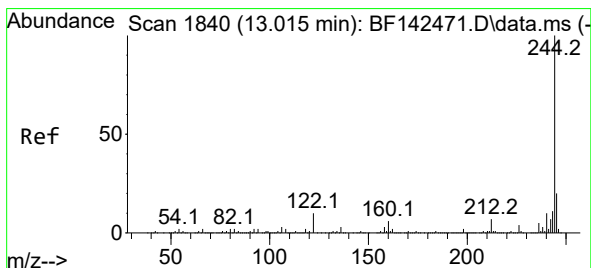
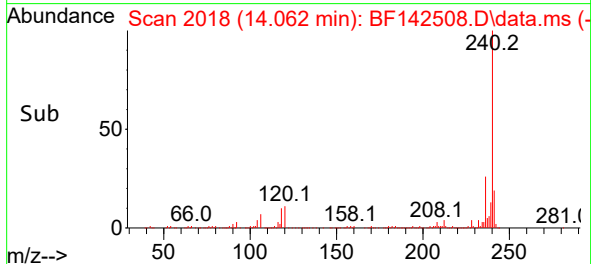
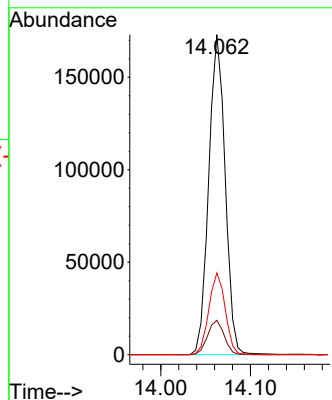
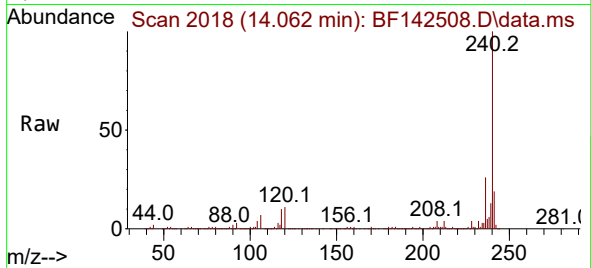




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

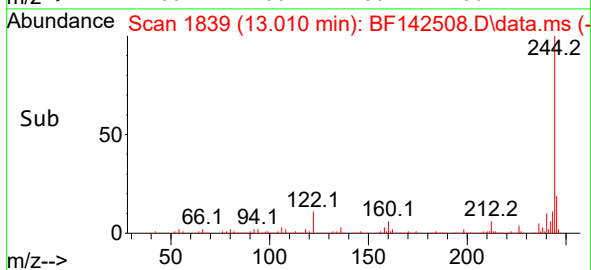
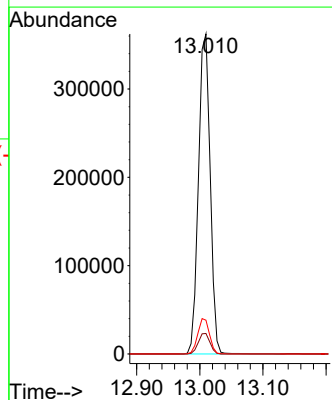
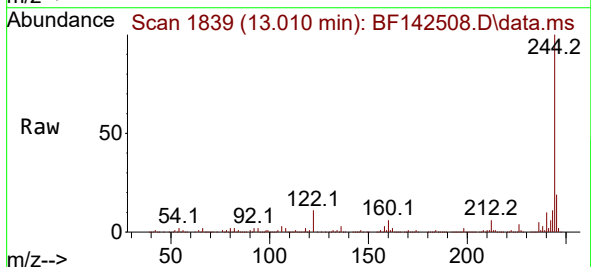
Instrument :
BNA_F
ClientSampleId :
PL-HRH-COMP-02

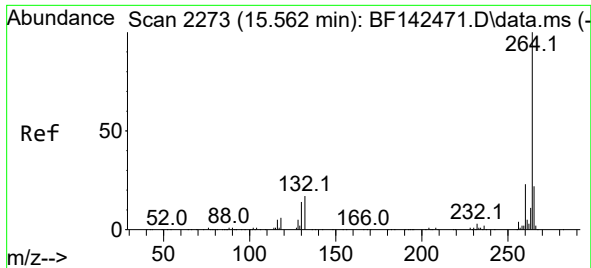
Tgt Ion:240 Resp: 219947
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.5 19.6 29.4



#79
Terphenyl-d14
Concen: 28.923 ng
RT: 13.010 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF142508.D
Acq: 22 May 2025 14:09

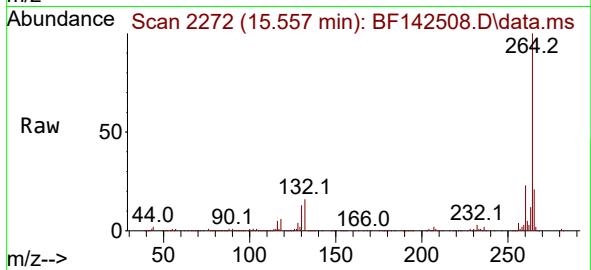
Tgt Ion:244 Resp: 465513
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 10.6 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142508.D
 Acq: 22 May 2025 14:09

Instrument :
 BNA_F
 ClientSampleId :
 PL-HRH-COMP-02



Tgt Ion:264 Resp: 219607
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.9 17.7 26.5

