

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142397.D
 Acq On : 15 May 2025 17:42
 Operator : RC/JU
 Sample : Q2010-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: May 15 18:24:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	157964	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	599494	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	318296	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	558784	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	352816	20.000	ng	0.00
86) Perylene-d12	15.551	264	355002	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	766128	82.794	ng	0.00
7) Phenol-d6	6.516	99	932423	81.928	ng	0.00
23) Nitrobenzene-d5	7.457	82	545457	55.490	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	286928	93.368	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1167036	52.280	ng	0.00
79) Terphenyl-d14	13.010	244	1241477	52.081	ng	0.00

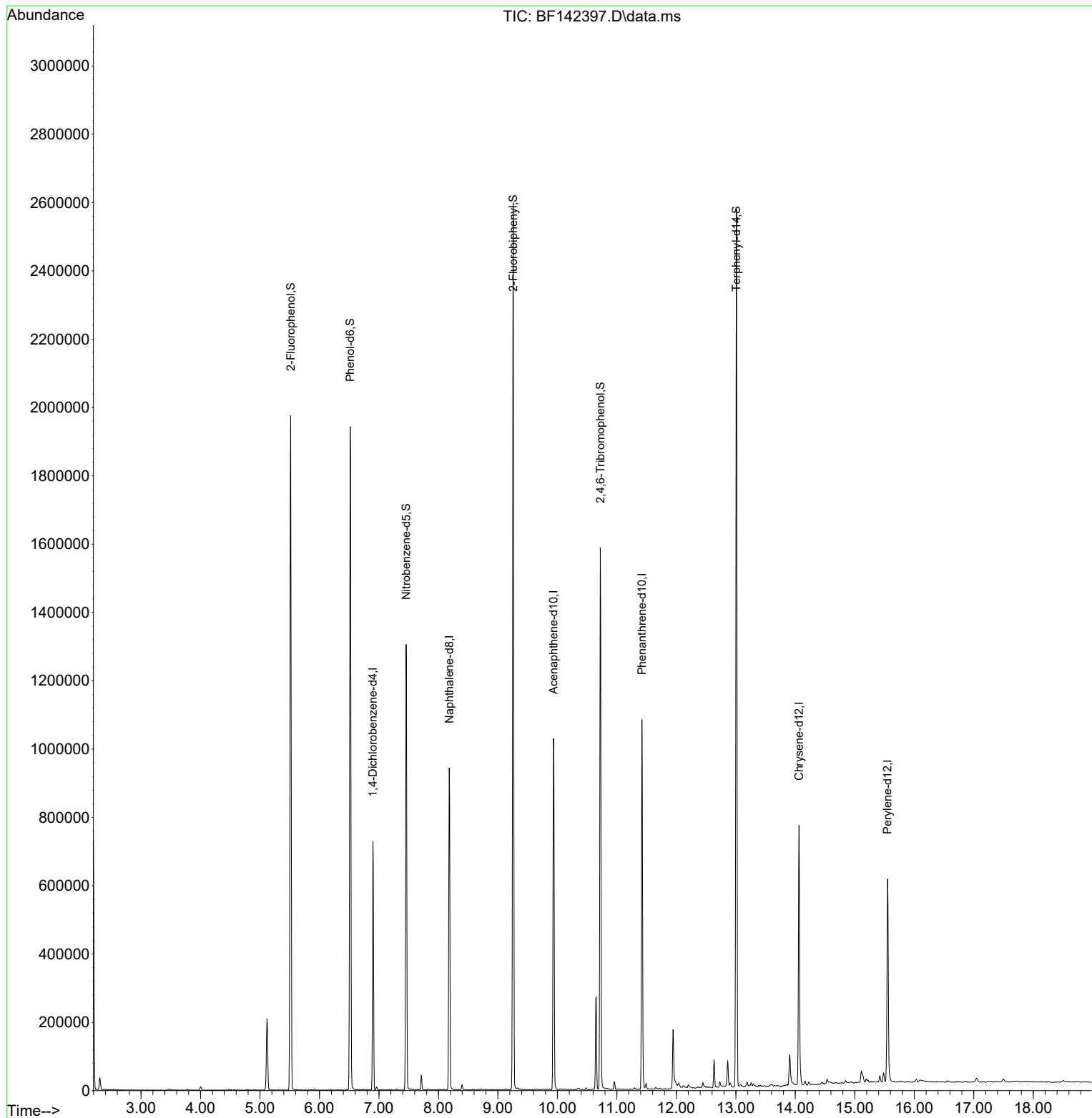
Target Compounds	Qvalue

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

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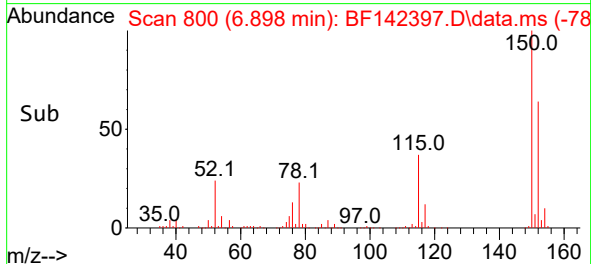
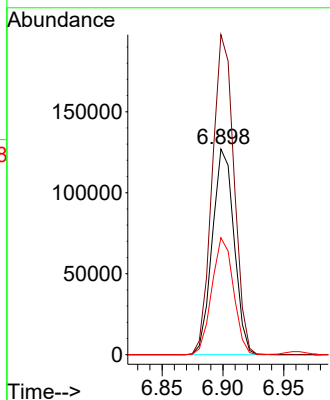
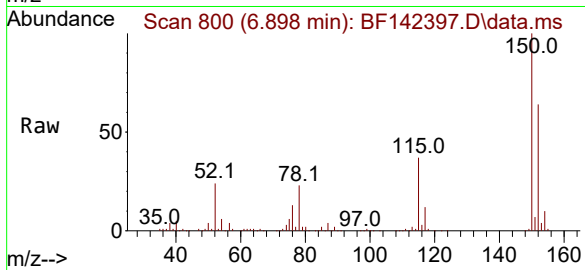




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

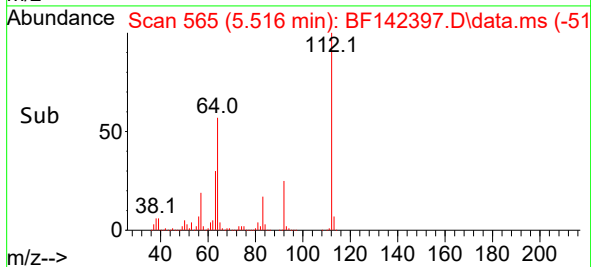
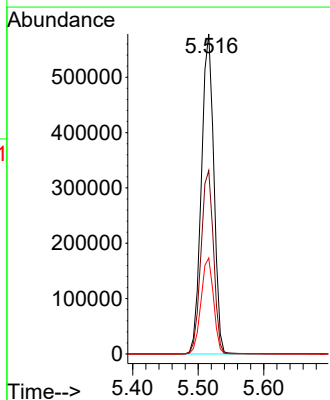
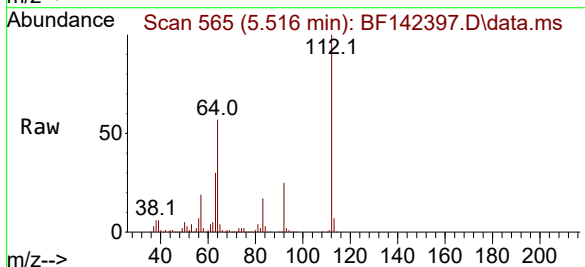
Instrument :
BNA_F
ClientSampleId :
TP-14

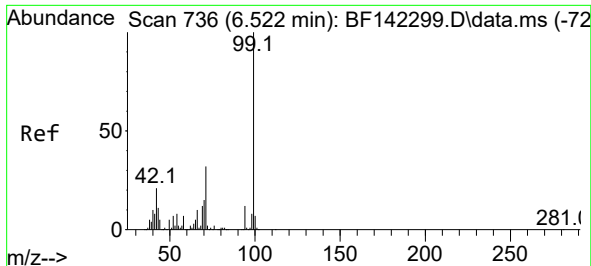
Tgt Ion:152 Resp: 157964
Ion Ratio Lower Upper
152 100
150 155.7 126.6 190.0
115 56.9 47.3 70.9



#5
2-Fluorophenol
Concen: 82.794 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

Tgt Ion:112 Resp: 766128
Ion Ratio Lower Upper
112 100
64 57.3 48.9 73.3
63 30.0 25.6 38.4

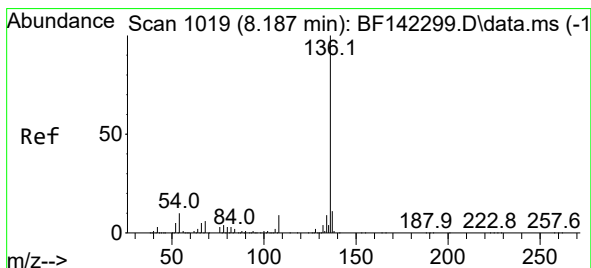
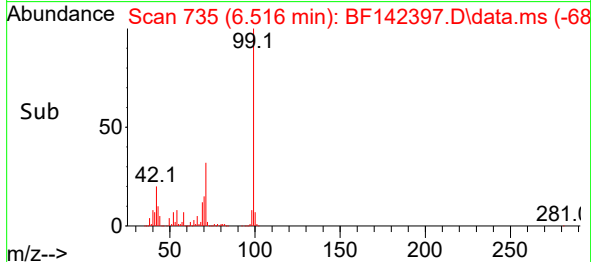
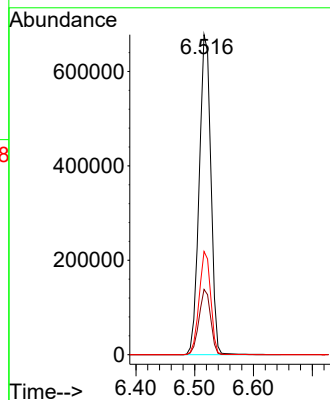
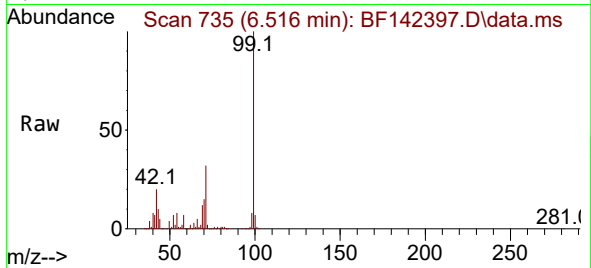




#7
Phenol-d6
Concen: 81.928 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

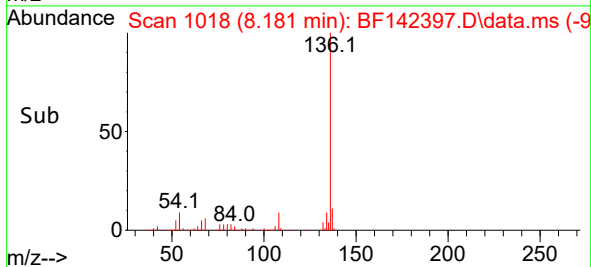
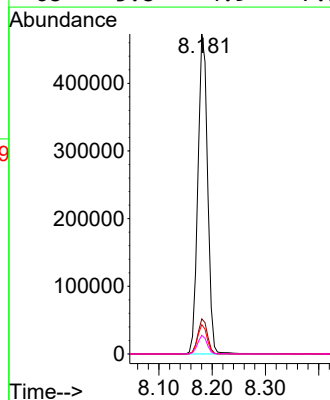
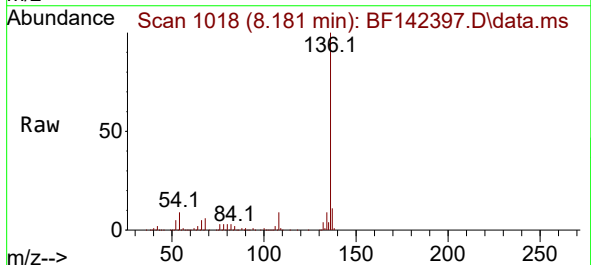
Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 99 Resp: 932423
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 32.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

Tgt Ion: 136 Resp: 599494
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.2 7.7 11.5
68 5.8 4.9 7.3

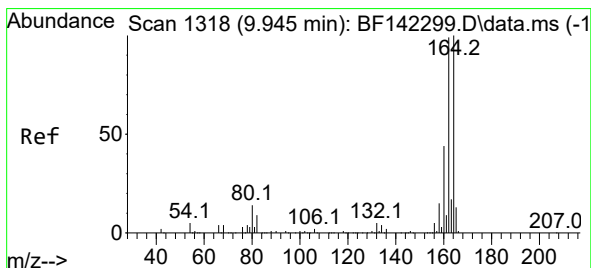
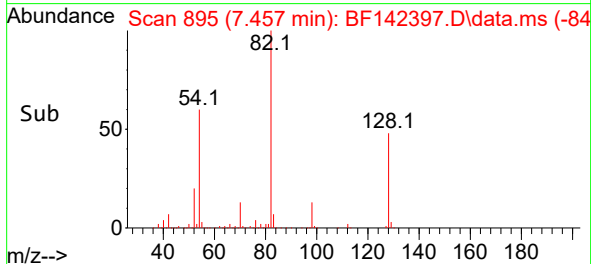
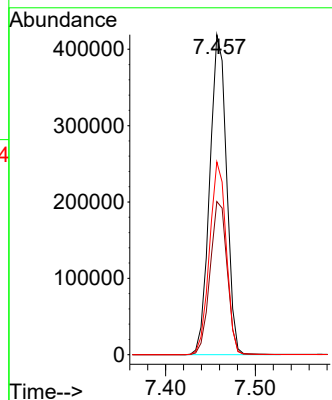
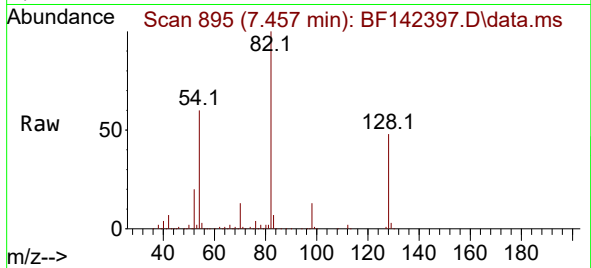




#23
 Nitrobenzene-d5
 Concen: 55.490 ng
 RT: 7.457 min Scan# 895
 Delta R.T. -0.012 min
 Lab File: BF142397.D
 Acq: 15 May 2025 17:42

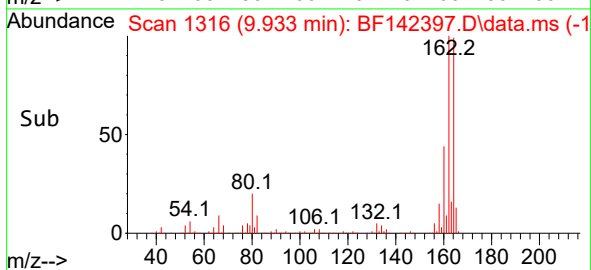
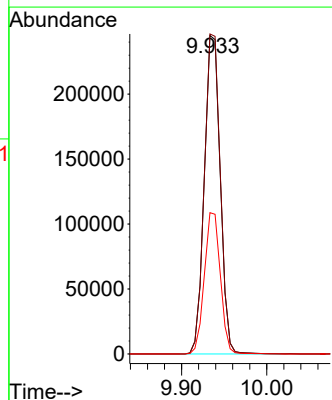
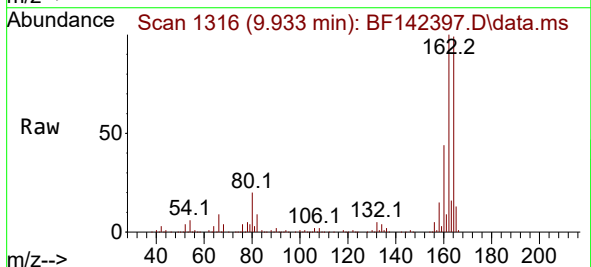
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion: 82 Resp: 545457
 Ion Ratio Lower Upper
 82 100
 128 47.9 37.0 55.6
 54 60.3 48.6 73.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.933 min Scan# 1316
 Delta R.T. -0.012 min
 Lab File: BF142397.D
 Acq: 15 May 2025 17:42

Tgt Ion: 164 Resp: 318296
 Ion Ratio Lower Upper
 164 100
 162 100.5 79.2 118.8
 160 44.4 35.3 52.9

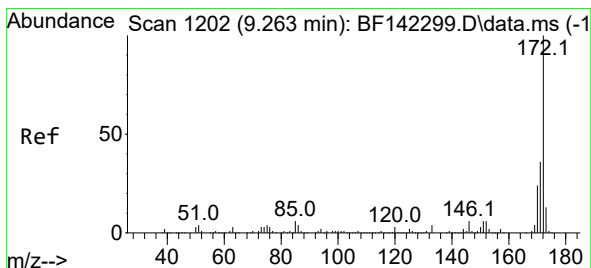
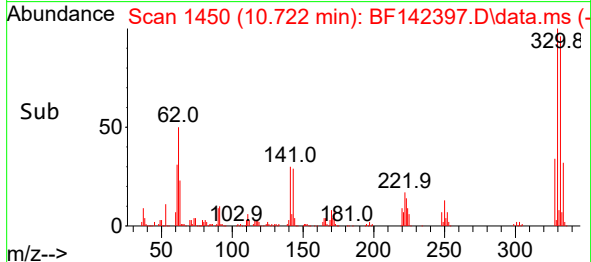
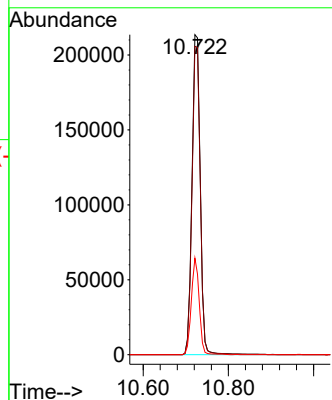
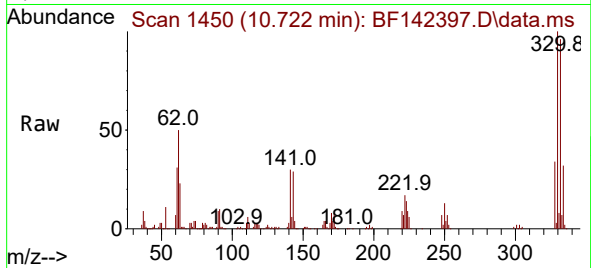




#42
2,4,6-Tribromophenol
Concen: 93.368 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

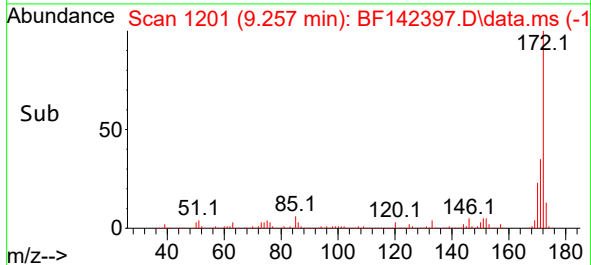
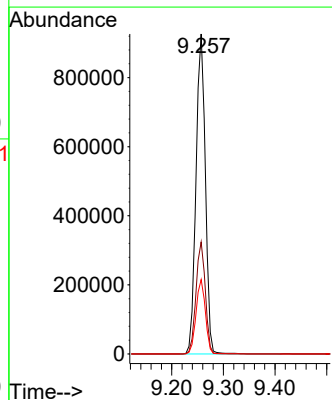
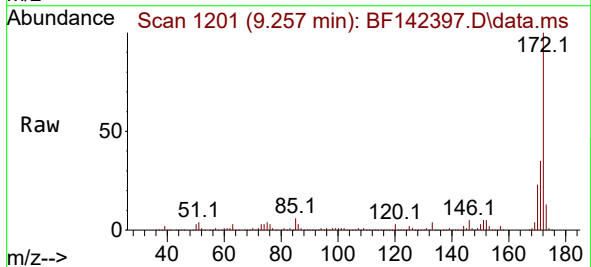
Instrument :
BNA_F
ClientSampleId :
TP-14

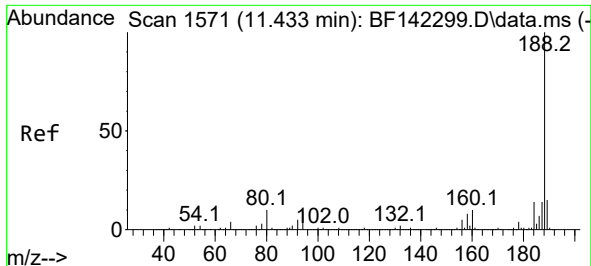
Tgt Ion:330 Resp: 286928
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 28.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 52.280 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

Tgt Ion:172 Resp: 1167036
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.3 19.0 28.4

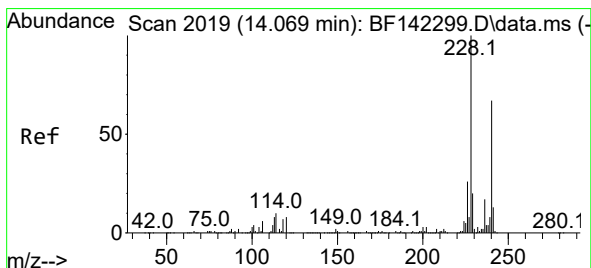
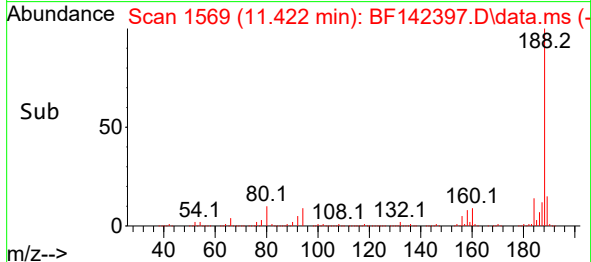
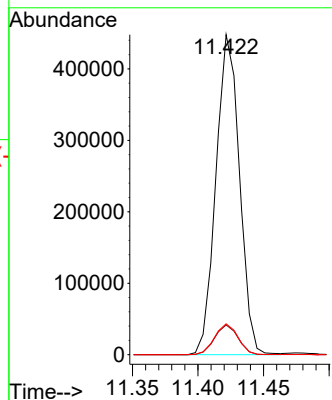
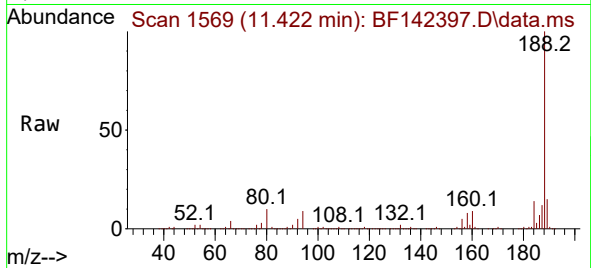




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

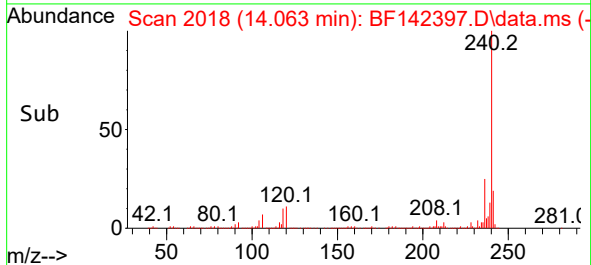
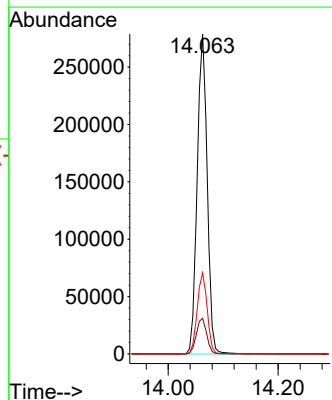
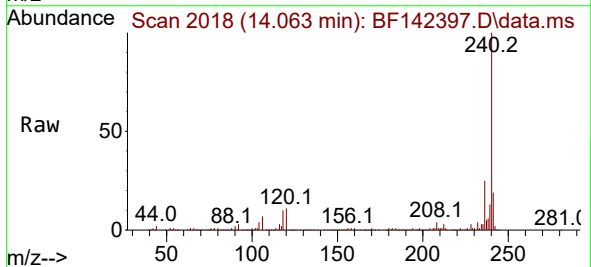
Instrument :
BNA_F
ClientSampleId :
TP-14

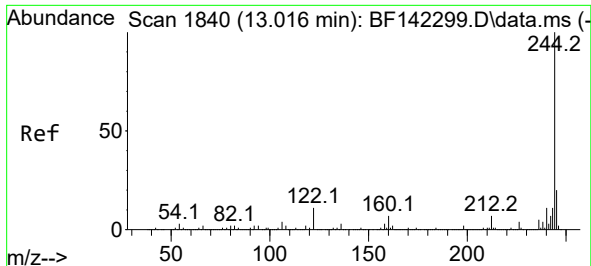
Tgt Ion:188 Resp: 558784
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142397.D
Acq: 15 May 2025 17:42

Tgt Ion:240 Resp: 352816
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.4 20.0 30.0

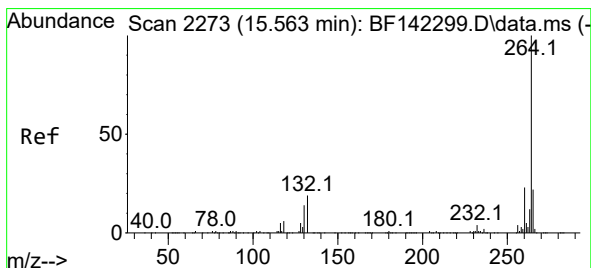
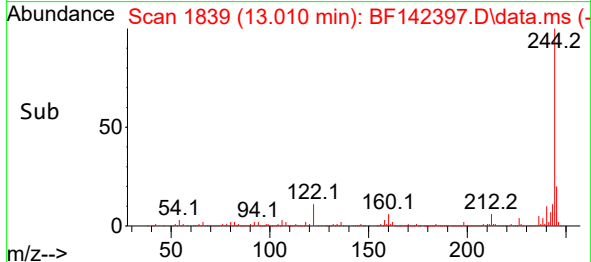
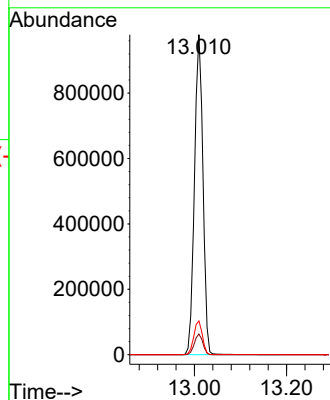
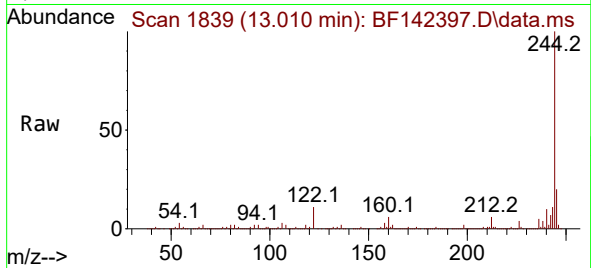




#79
 Terphenyl-d14
 Concen: 52.081 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142397.D
 Acq: 15 May 2025 17:42

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Tgt Ion:244 Resp: 1241477
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 10.6 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142397.D
 Acq: 15 May 2025 17:42

Tgt Ion:264 Resp: 355002
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.5 17.5 26.3

