

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141703.D
 Acq On : 20 Feb 2025 15:07
 Operator : RC/JU
 Sample : Q1383-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-19-021725

Quant Time: Feb 20 15:33:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89237	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	348436	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	184599	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	314386	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	193483	20.000	ng	-0.02
86) Perylene-d12	15.380	264	168330	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	458091	80.479	ng	-0.01
7) Phenol-d6	6.416	99	563692	78.353	ng	-0.02
23) Nitrobenzene-d5	7.339	82	362187	54.217	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	142239	76.704	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	694262	57.942	ng	-0.02
79) Terphenyl-d14	12.880	244	761044	66.402	ng	-0.02

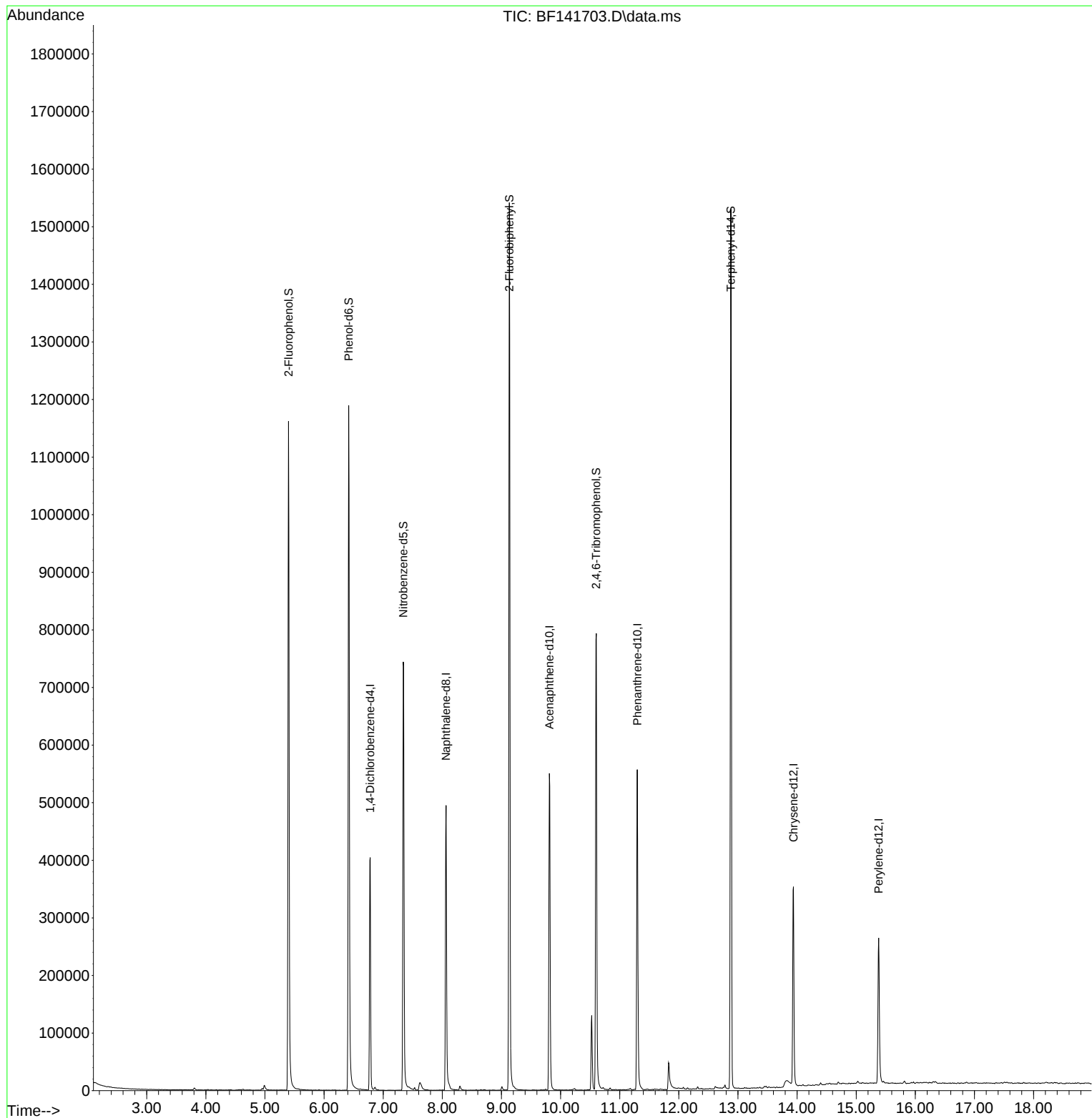
Target Compounds	Qvalue

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

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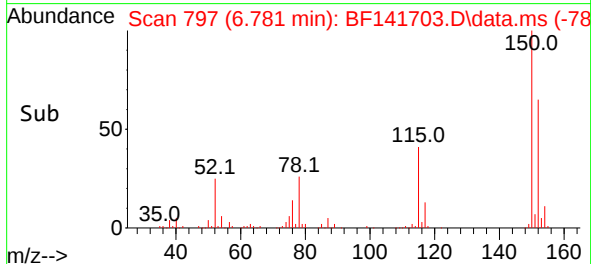
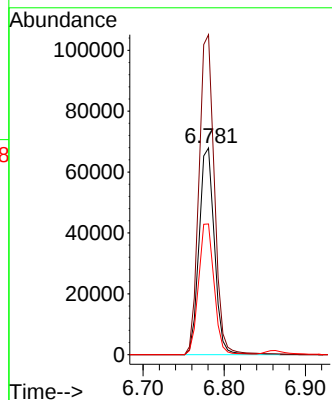
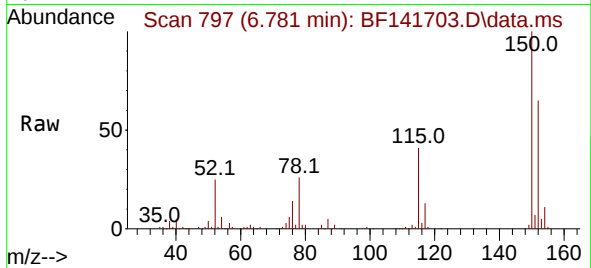




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

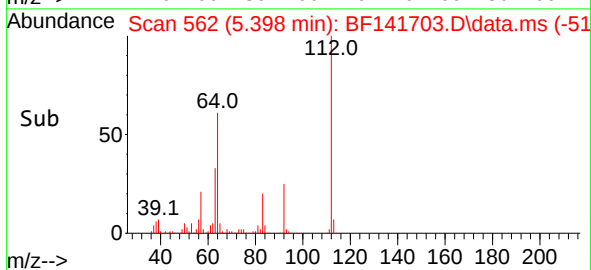
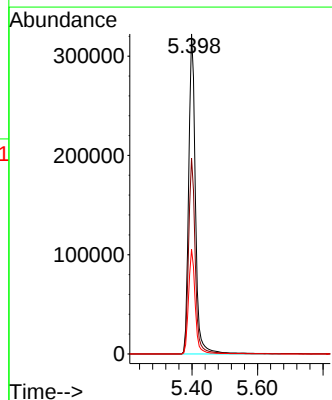
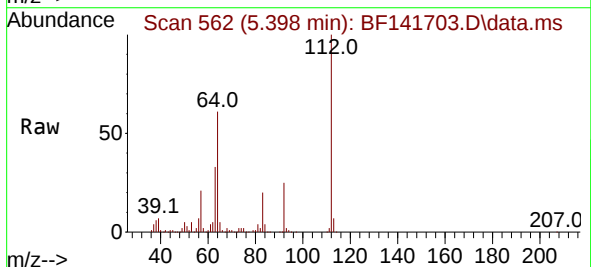
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion:152 Resp: 89237
Ion Ratio Lower Upper
152 100
150 154.7 125.0 187.4
115 63.2 53.6 80.4



#5
2-Fluorophenol
Concen: 80.479 ng
RT: 5.398 min Scan# 562
Delta R.T. -0.012 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

Tgt Ion:112 Resp: 458091
Ion Ratio Lower Upper
112 100
64 61.2 51.1 76.7
63 32.6 28.4 42.6

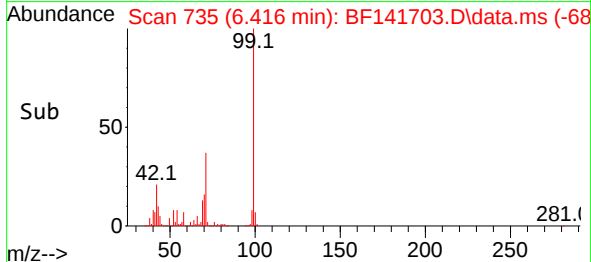
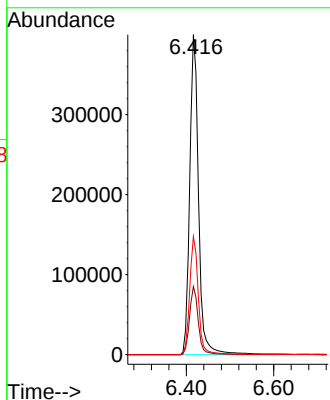
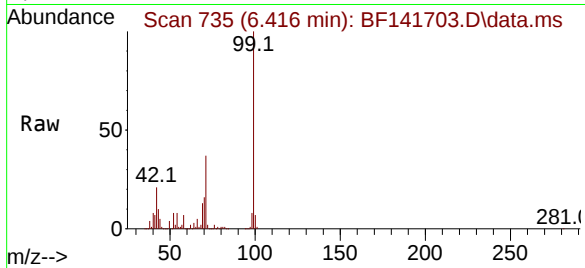




#7
Phenol-d6
Concen: 78.353 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

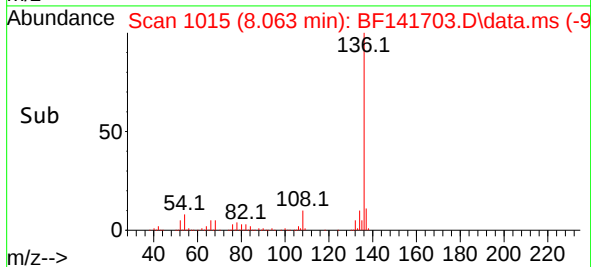
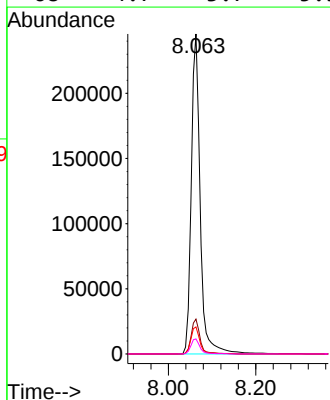
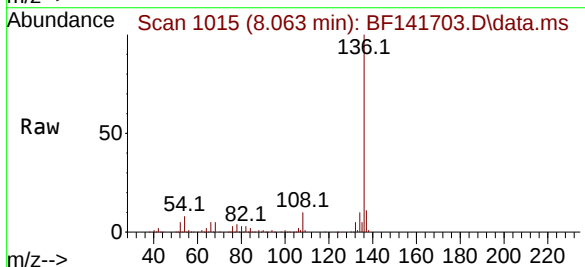
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion: 99 Resp: 563692
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 36.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

Tgt Ion: 136 Resp: 348436
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.2 10.8
68 4.7 3.7 5.5

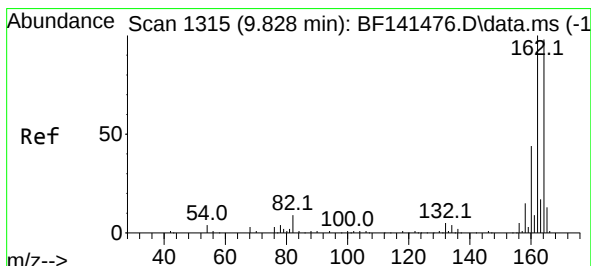
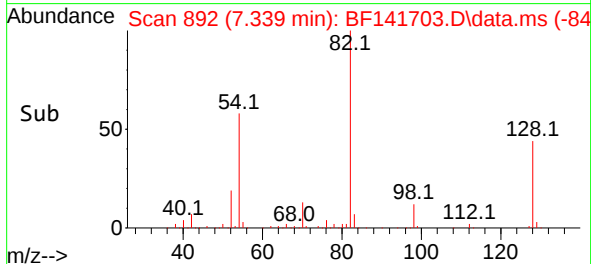
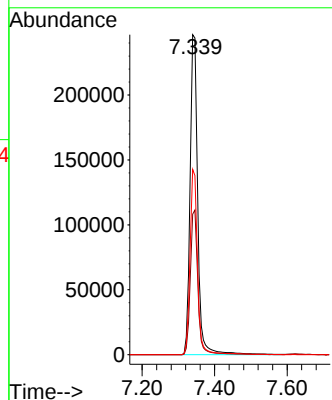
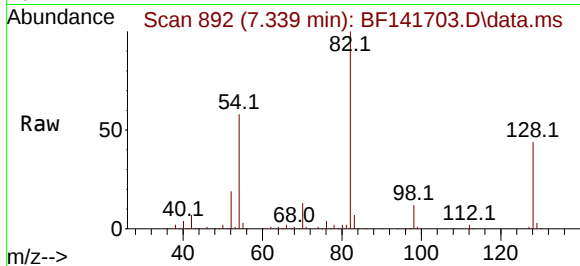




#23
Nitrobenzene-d5
Concen: 54.217 ng
RT: 7.339 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

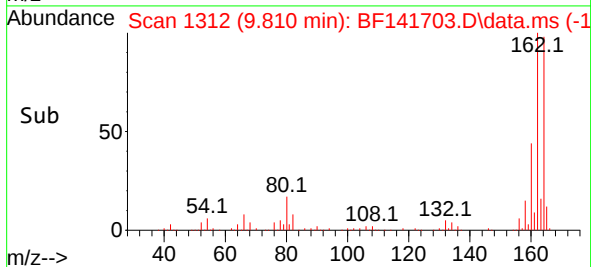
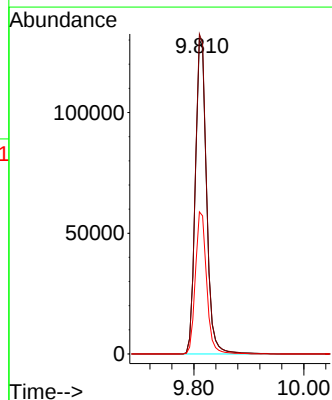
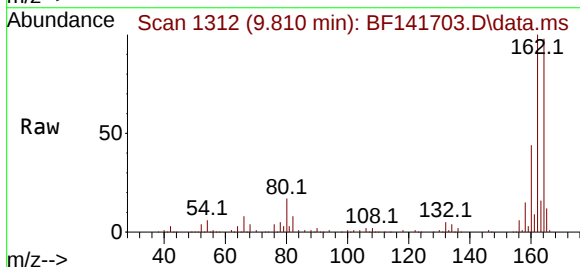
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-19-021725

Tgt Ion: 82 Resp: 362187
Ion Ratio Lower Upper
82 100
128 43.9 34.8 52.2
54 57.9 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

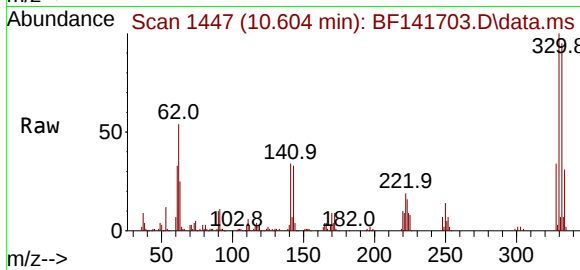
Tgt Ion:164 Resp: 184599
Ion Ratio Lower Upper
164 100
162 101.6 81.3 121.9
160 45.1 35.9 53.9



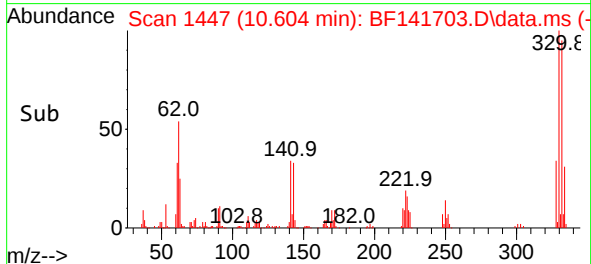
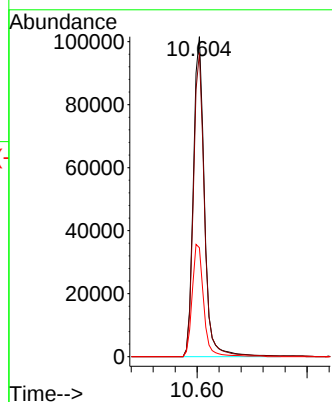


#42
2,4,6-Tribromophenol
Concen: 76.704 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-19-021725

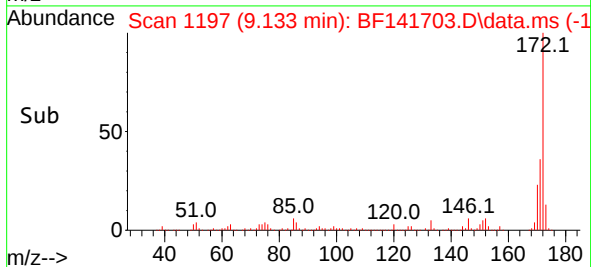
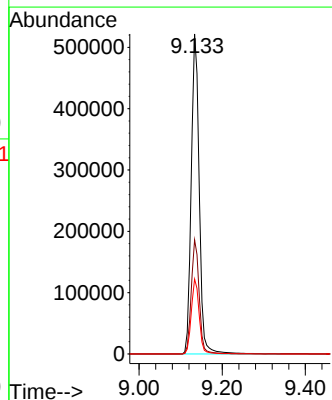
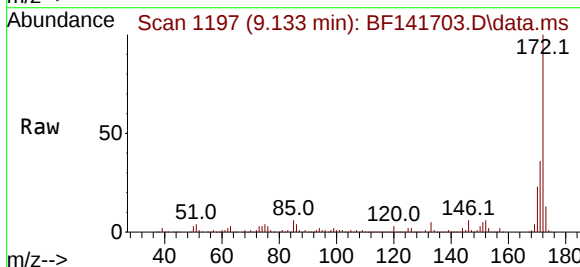


Tgt Ion: 330 Resp: 142239
Ion Ratio Lower Upper
330 100
332 95.1 78.5 117.7
141 36.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 57.942 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

Tgt Ion: 172 Resp: 694262
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.9 28.3

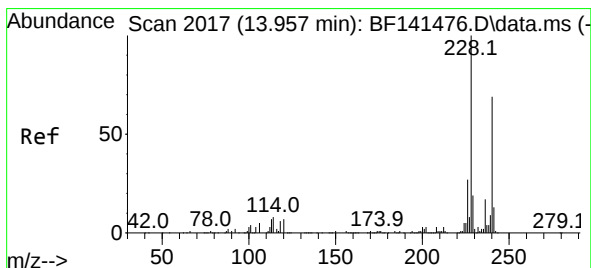
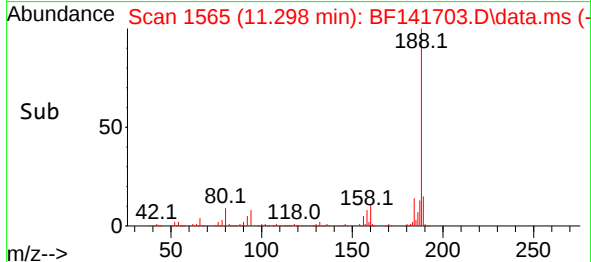
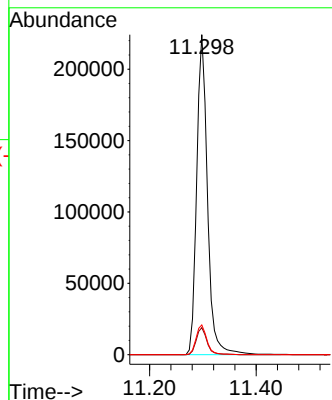
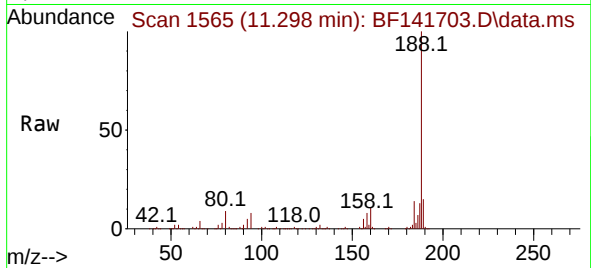




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

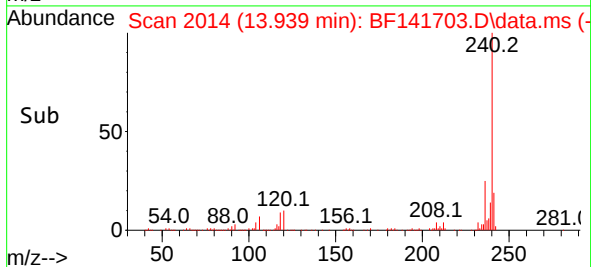
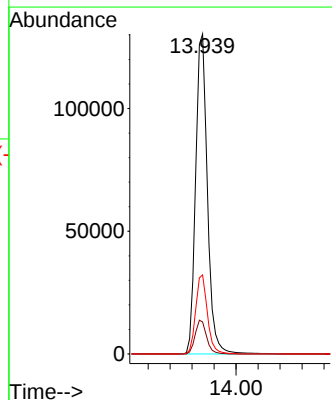
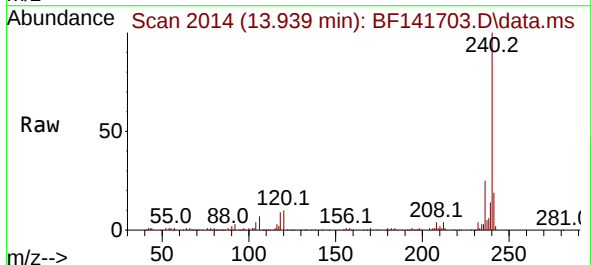
Instrument :
BNA_F
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Tgt Ion:188 Resp: 314386
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141703.D
Acq: 20 Feb 2025 15:07

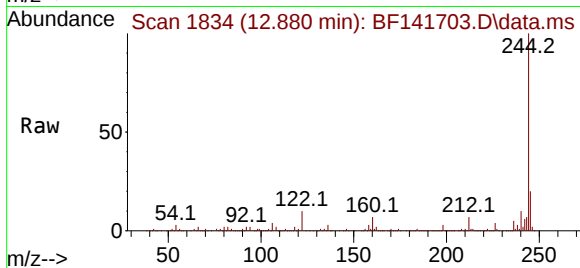
Tgt Ion:240 Resp: 193483
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 24.7 19.8 29.8



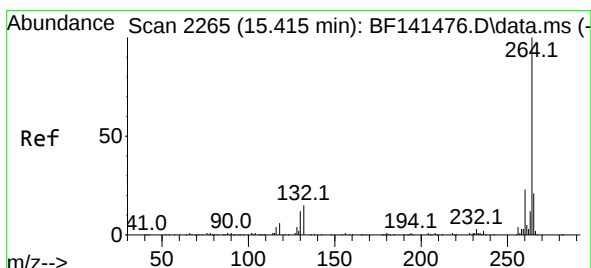
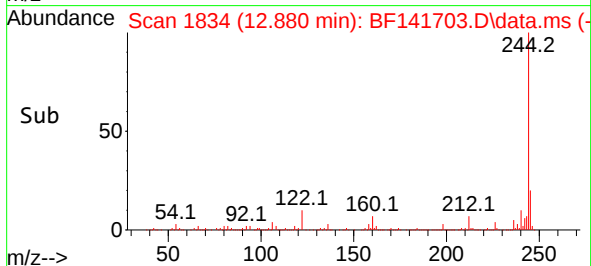
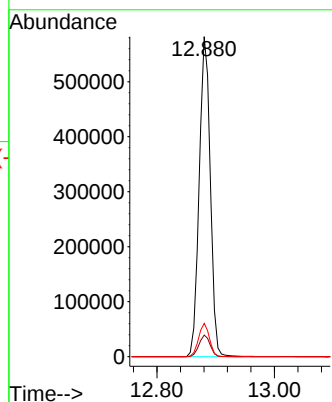


#79
 Terphenyl-d14
 Concen: 66.402 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141703.D
 Acq: 20 Feb 2025 15:07

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-19-021725



Tgt Ion:244 Resp: 761044
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141703.D
 Acq: 20 Feb 2025 15:07

Tgt Ion:264 Resp: 168330
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 28.0
 265 20.9 17.0 25.4

