

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141681.D
 Acq On : 19 Feb 2025 18:12
 Operator : RC/JU
 Sample : Q1382-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725

Quant Time: Feb 20 00:12:16 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	89222	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	364105	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	194707	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	326900	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	179864	20.000	ng	-0.02
86) Perylene-d12	15.380	264	164053	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	385310	67.704	ng	0.00
7) Phenol-d6	6.416	99	476090	66.187	ng	-0.02
23) Nitrobenzene-d5	7.339	82	304633	43.639	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	116011	59.313	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	562619	44.518	ng	-0.02
79) Terphenyl-d14	12.880	244	600038	56.319	ng	-0.02

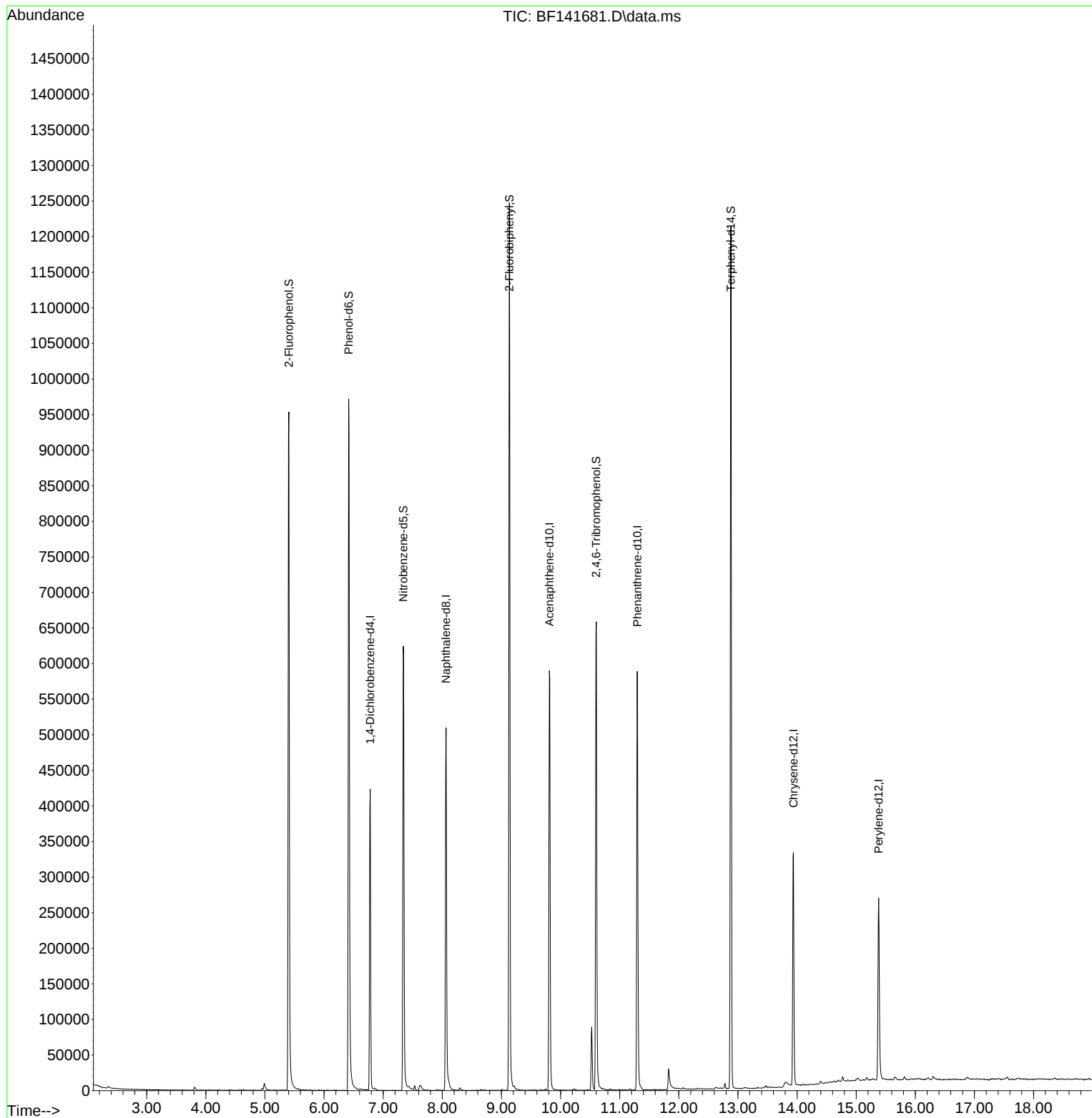
Target Compounds	Qvalue

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

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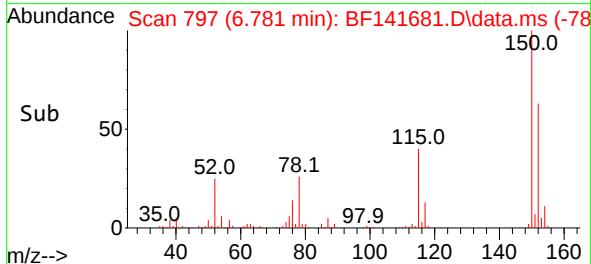
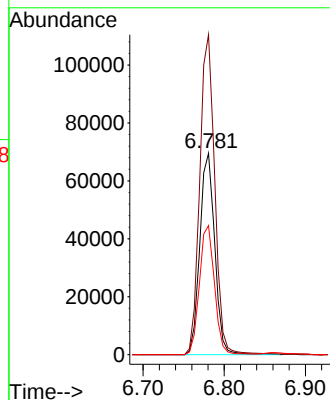
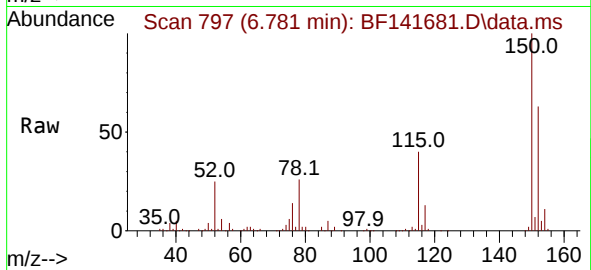




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

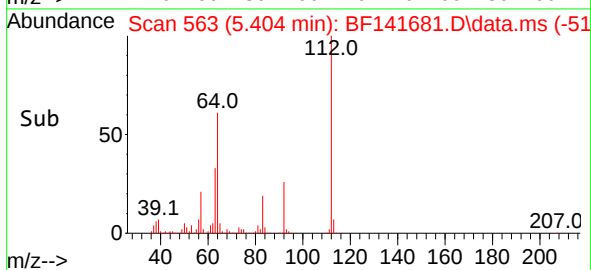
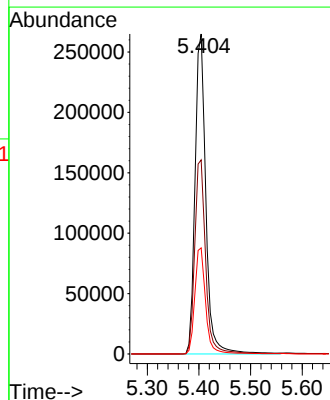
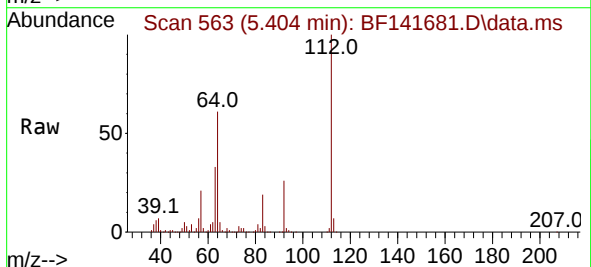
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725

Tgt Ion:152 Resp: 89222
 Ion Ratio Lower Upper
 152 100
 150 158.8 125.0 187.4
 115 64.1 53.6 80.4



#5
 2-Fluorophenol
 Concen: 67.704 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

Tgt Ion:112 Resp: 385310
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.1 76.7
 63 33.2 28.4 42.6

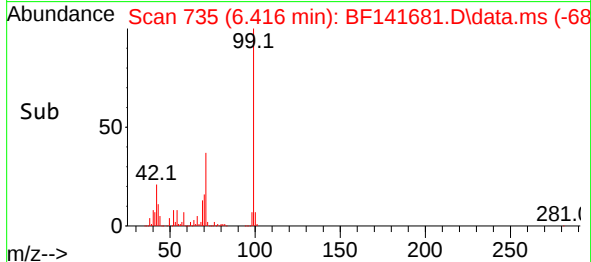
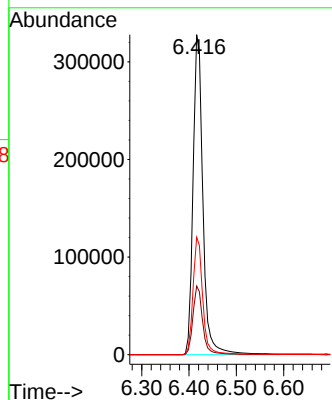
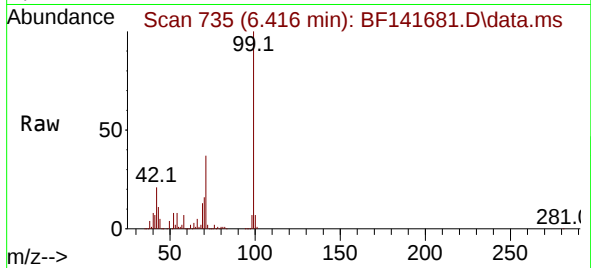




#7
Phenol-d6
Concen: 66.187 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

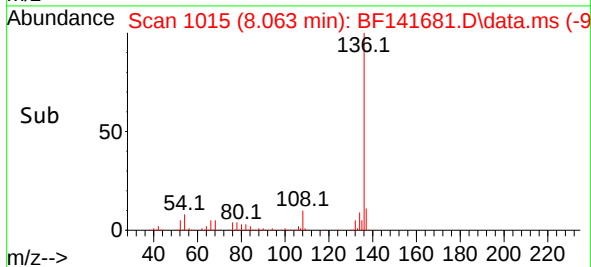
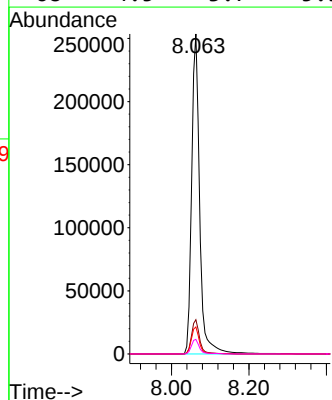
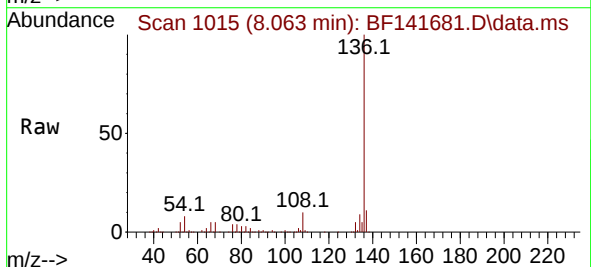
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725

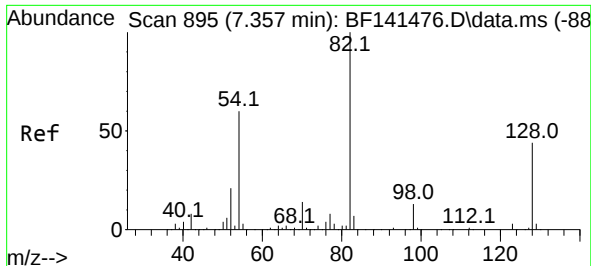
Tgt Ion: 99 Resp: 476090
Ion Ratio Lower Upper
99 100
42 21.5 19.1 28.7
71 36.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

Tgt Ion: 136 Resp: 364105
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.2 10.8
68 4.5 3.7 5.5

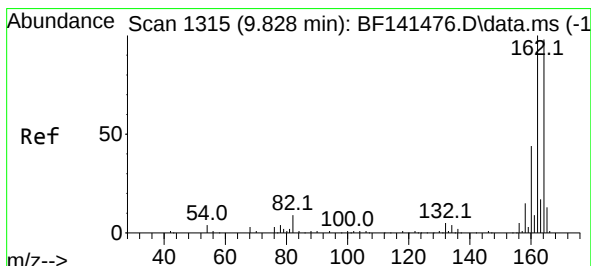
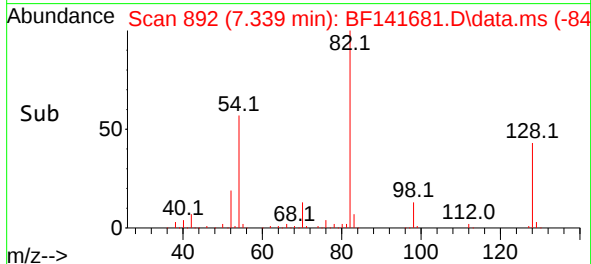
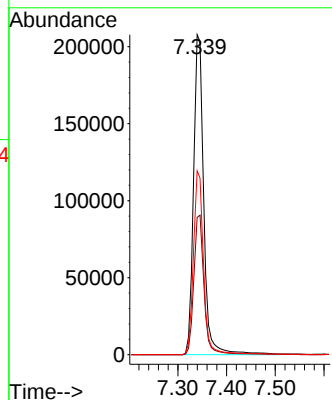
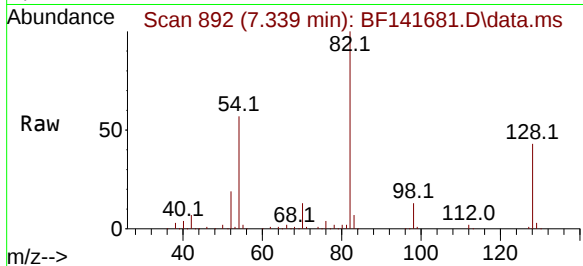




#23
 Nitrobenzene-d5
 Concen: 43.639 ng
 RT: 7.339 min Scan# 891
 Delta R.T. -0.023 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

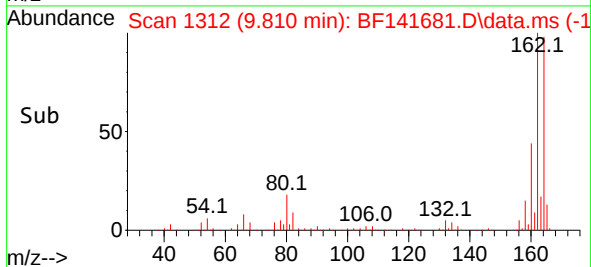
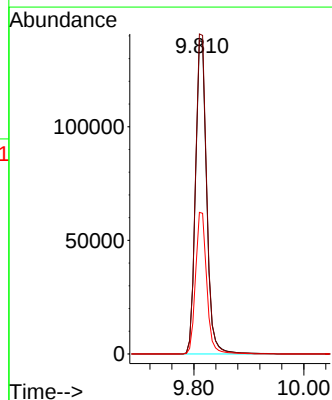
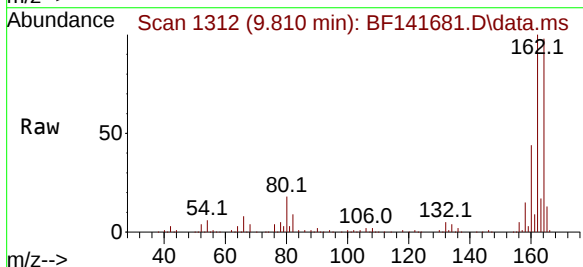
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725

Tgt Ion: 82 Resp: 304633
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.8 52.2
 54 57.4 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: BF141681.D
 Acq: 19 Feb 2025 18:12

Tgt Ion:164 Resp: 194707
 Ion Ratio Lower Upper
 164 100
 162 102.0 81.3 121.9
 160 45.1 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 59.313 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141681.D

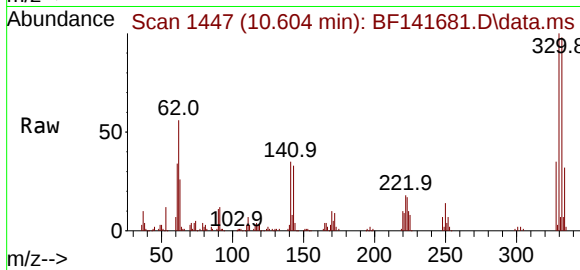
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Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-06-021725



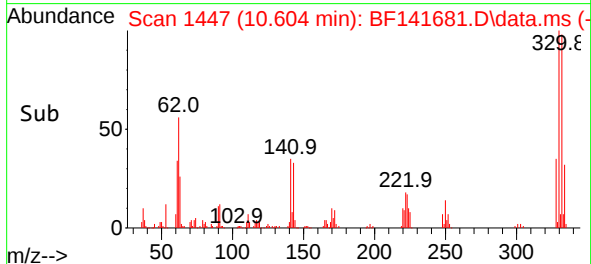
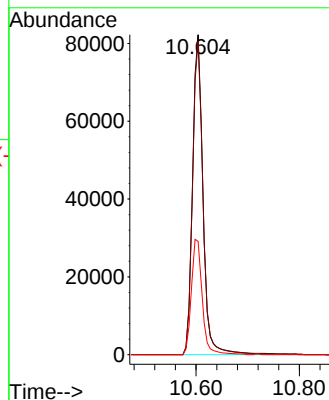
Tgt Ion:330 Resp: 116011

Ion Ratio Lower Upper

330 100

332 98.0 78.5 117.7

141 37.4 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 44.518 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141681.D

Acq: 19 Feb 2025 18:12

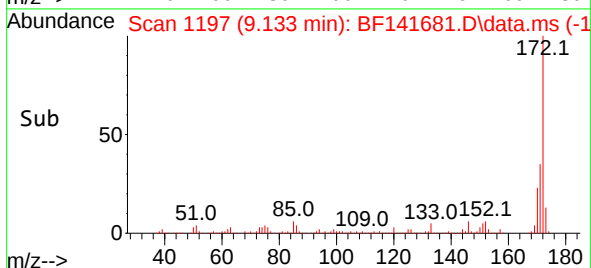
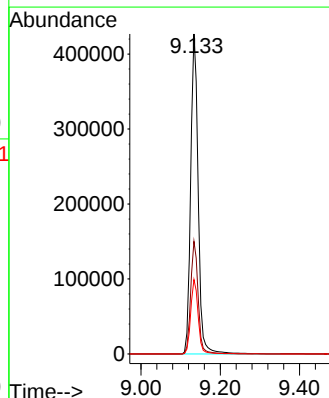
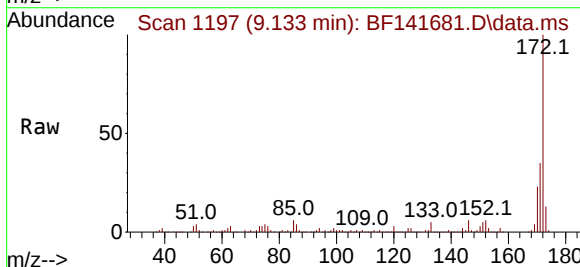
Tgt Ion:172 Resp: 562619

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.3 18.9 28.3

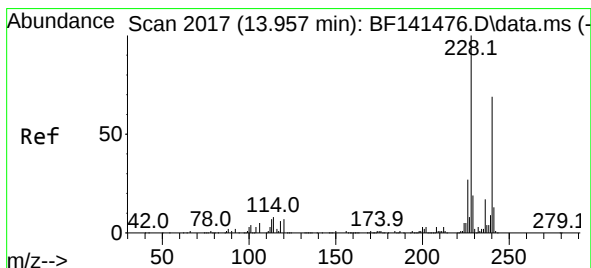
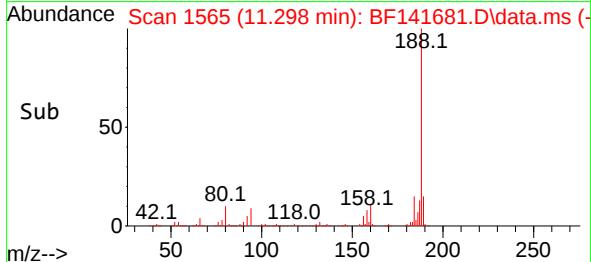
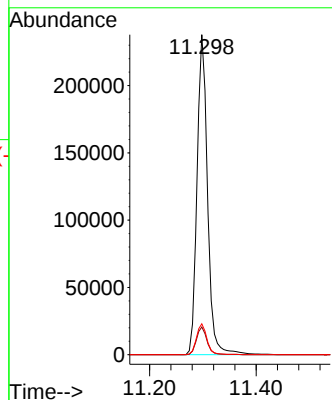
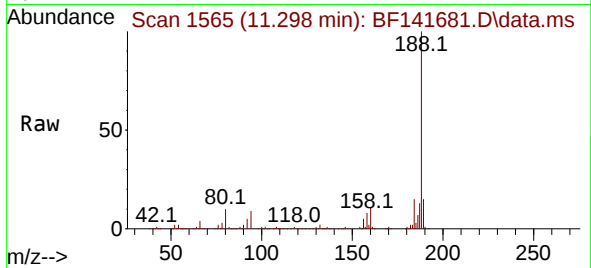




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141681.D
Acq: 19 Feb 2025 18:12

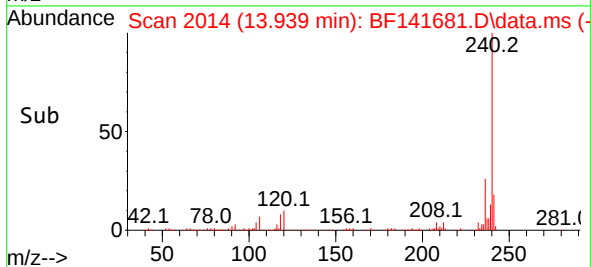
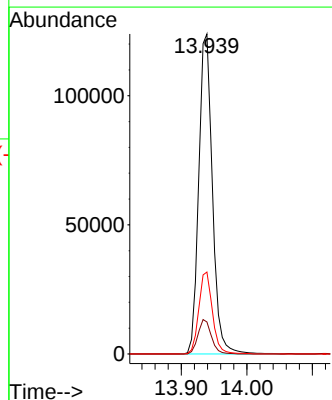
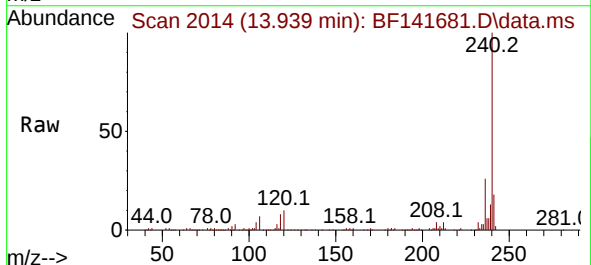
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-06-021725

Tgt Ion:188 Resp: 326900
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.7 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: BF141681.D
Acq: 19 Feb 2025 18:12

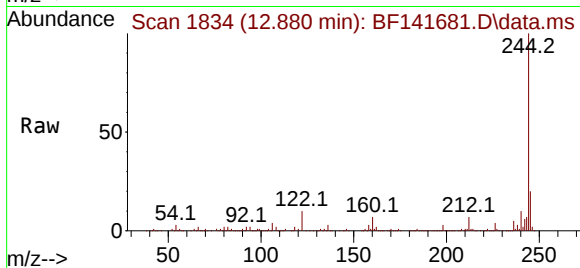
Tgt Ion:240 Resp: 179864
Ion Ratio Lower Upper
240 100
120 10.0 8.0 12.0
236 25.6 19.8 29.8



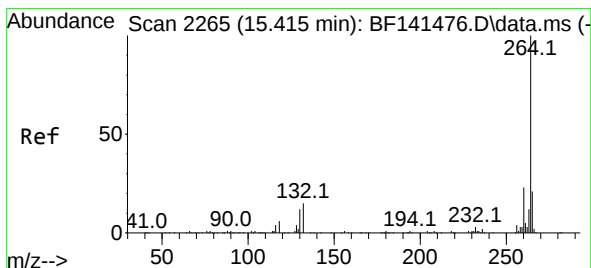
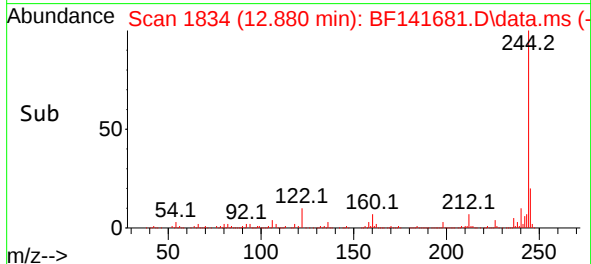
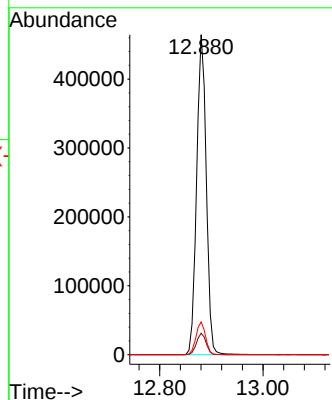


#79
 Terphenyl-d14
 Concen: 56.319 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141681.D
 Acq: 19 Feb 2025 18:12

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-06-021725



Tgt Ion:244 Resp: 600038
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.3 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: BF141681.D
 Acq: 19 Feb 2025 18:12

Tgt Ion:264 Resp: 164053
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 20.8 17.0 25.4

