

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141680.D
 Acq On : 19 Feb 2025 17:43
 Operator : RC/JU
 Sample : Q1382-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-05-021725

Quant Time: Feb 20 00:11:52 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	85054	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	341306	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	183813	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	302950	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	160839	20.000	ng	-0.03
86) Perylene-d12	15.380	264	152146	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	597019	110.045	ng	0.00
7) Phenol-d6	6.422	99	728610	106.257	ng	-0.02
23) Nitrobenzene-d5	7.345	82	481786	73.626	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	185637	100.535	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	907263	76.043	ng	-0.02
79) Terphenyl-d14	12.880	244	896981	94.147	ng	-0.02

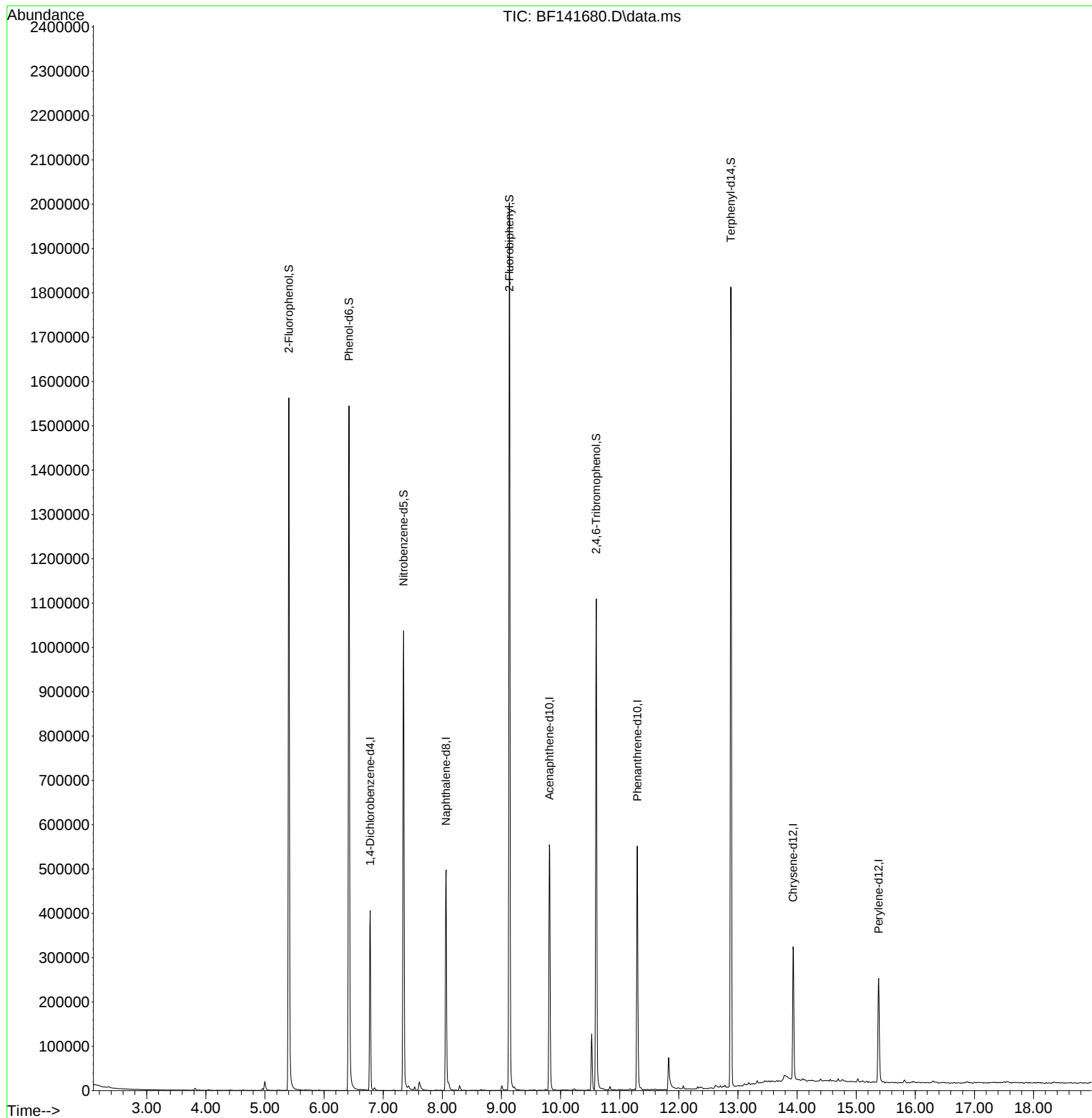
Target Compounds	Qvalue

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

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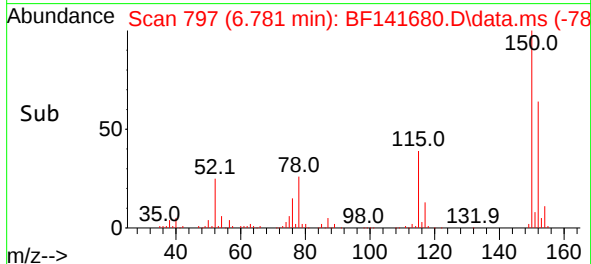
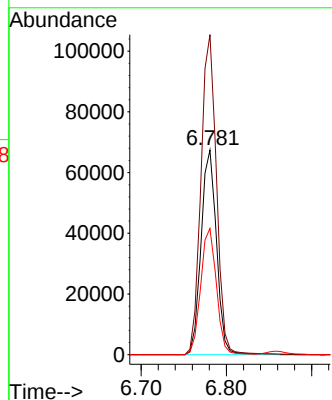
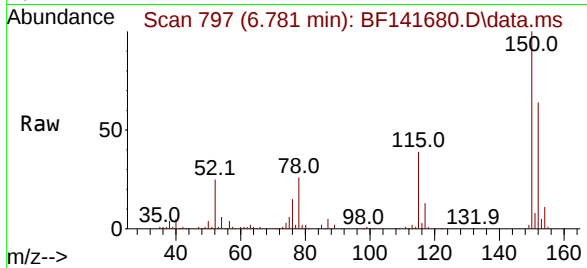




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

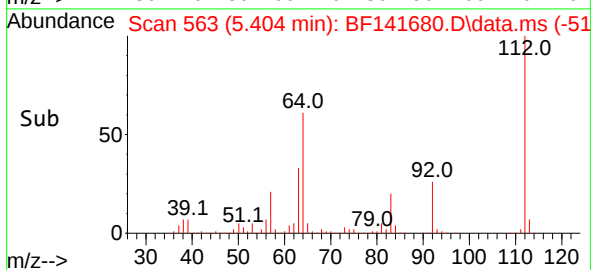
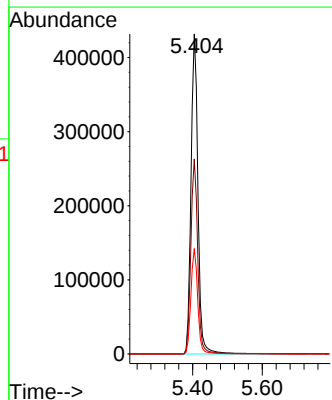
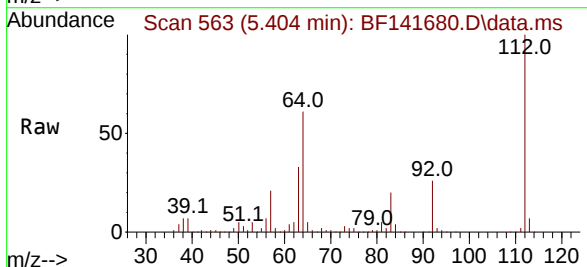
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-05-021725

Tgt Ion:152 Resp: 85054
Ion Ratio Lower Upper
152 100
150 156.4 125.0 187.4
115 61.7 53.6 80.4



#5
2-Fluorophenol
Concen: 110.045 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

Tgt Ion:112 Resp: 597019
Ion Ratio Lower Upper
112 100
64 60.9 51.1 76.7
63 32.9 28.4 42.6

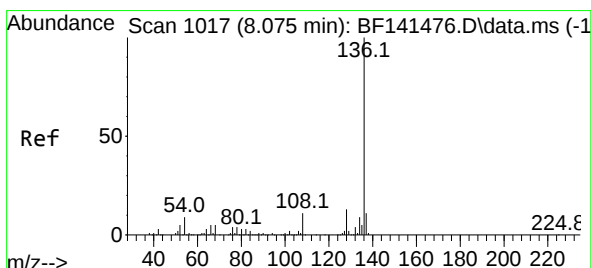
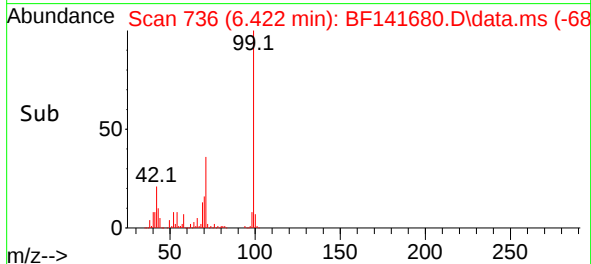
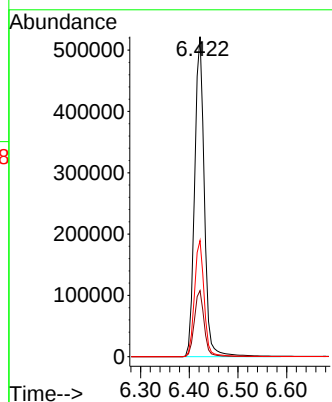
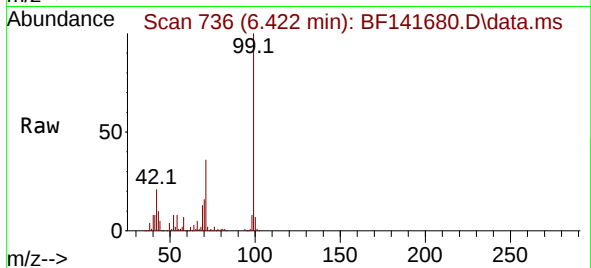




#7
Phenol-d6
Concen: 106.257 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

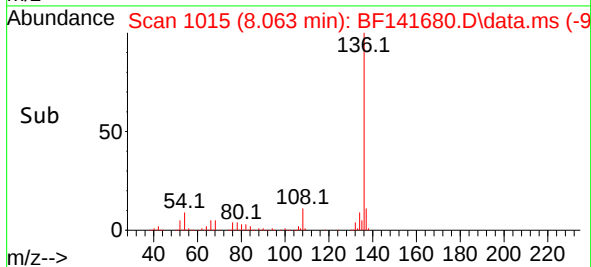
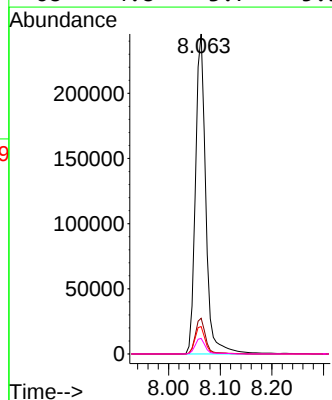
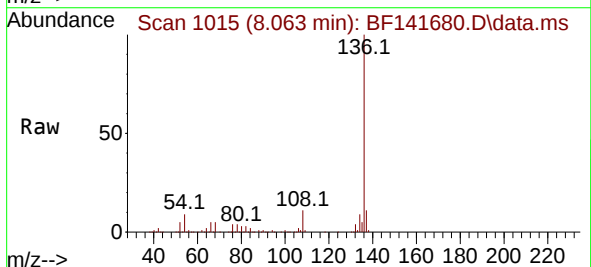
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-05-021725

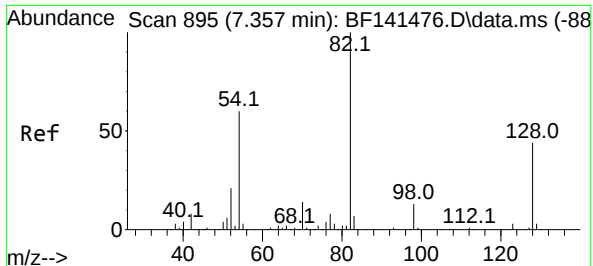
Tgt Ion: 99 Resp: 728610
Ion Ratio Lower Upper
99 100
42 20.7 19.1 28.7
71 36.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

Tgt Ion: 136 Resp: 341306
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.5 7.2 10.8
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 73.626 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF141680.D

Acq: 19 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-05-021725

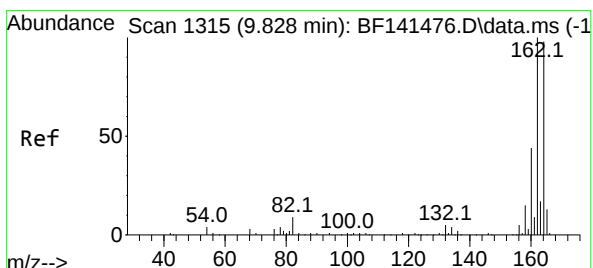
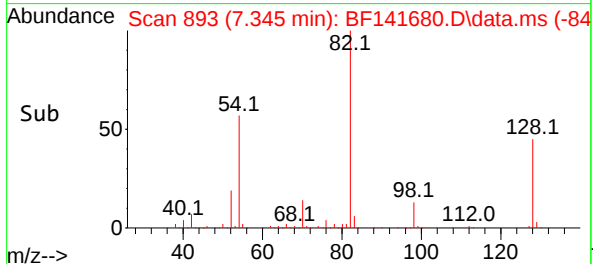
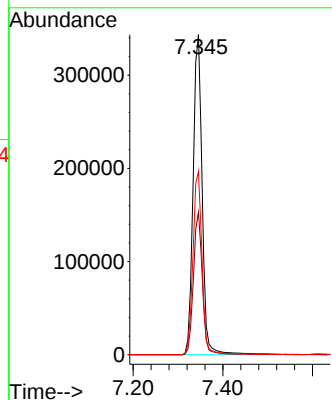
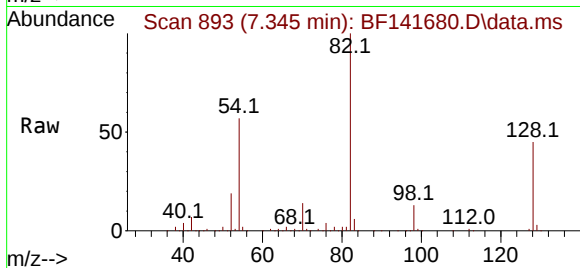
Tgt Ion: 82 Resp: 481786

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

54 57.2 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: BF141680.D

Acq: 19 Feb 2025 17:43

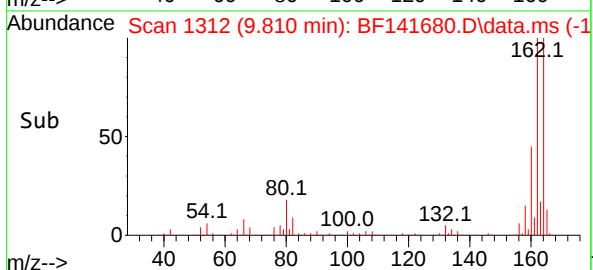
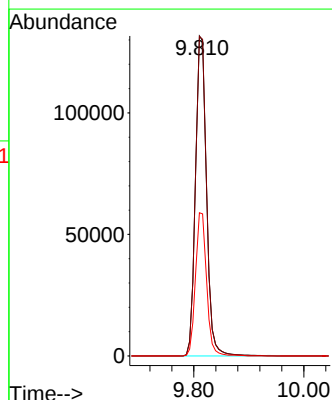
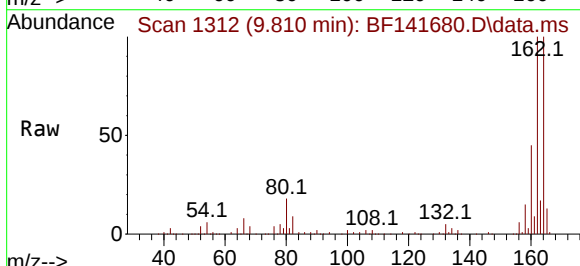
Tgt Ion:164 Resp: 183813

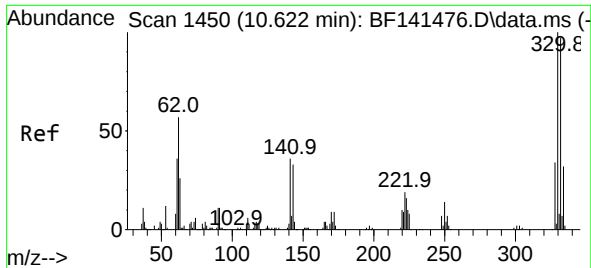
Ion Ratio Lower Upper

164 100

162 99.9 81.3 121.9

160 44.8 35.9 53.9

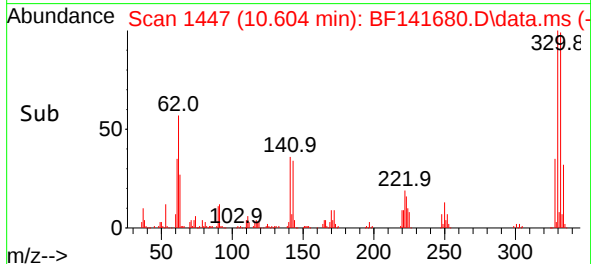
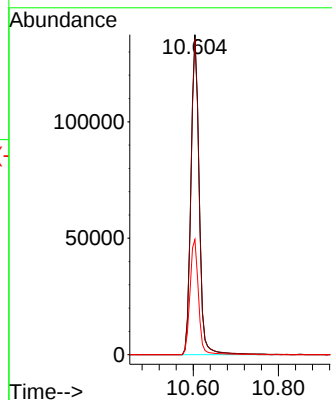
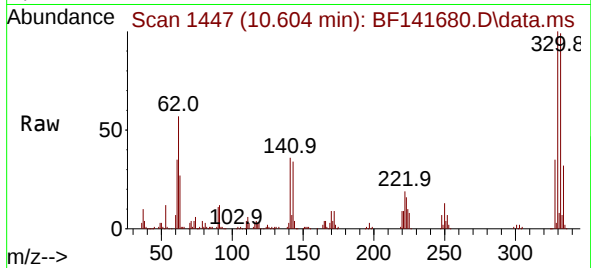




#42
2,4,6-Tribromophenol
Concen: 100.535 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

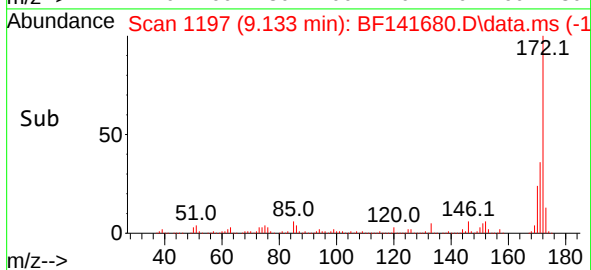
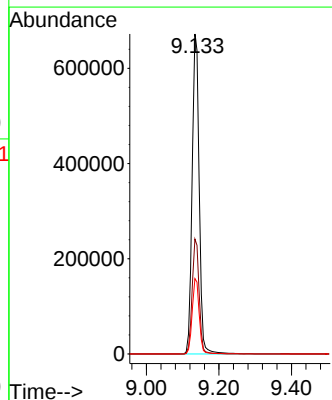
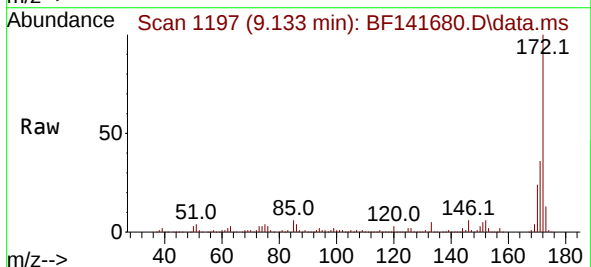
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-05-021725

Tgt Ion:330 Resp: 185637
Ion Ratio Lower Upper
330 100
332 98.1 78.5 117.7
141 36.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 76.043 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141680.D
Acq: 19 Feb 2025 17:43

Tgt Ion:172 Resp: 907263
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141680.D

Acq: 19 Feb 2025 17:43

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-05-021725

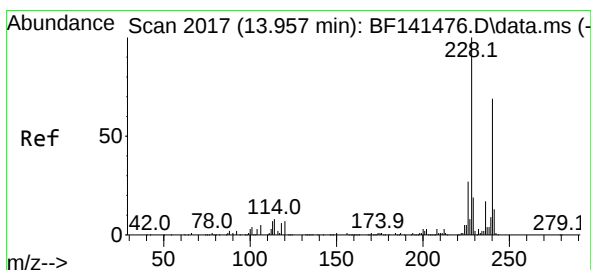
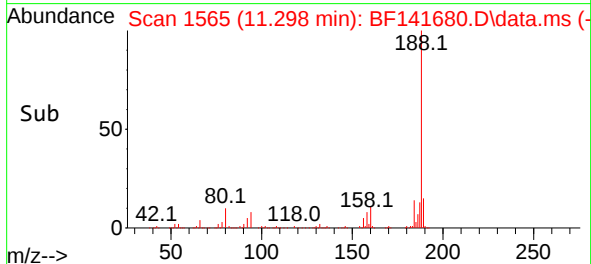
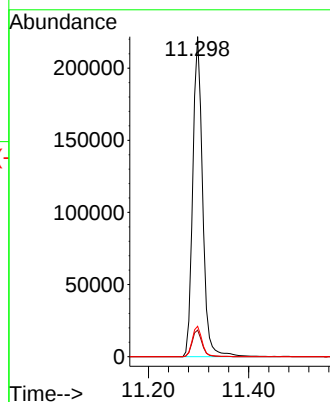
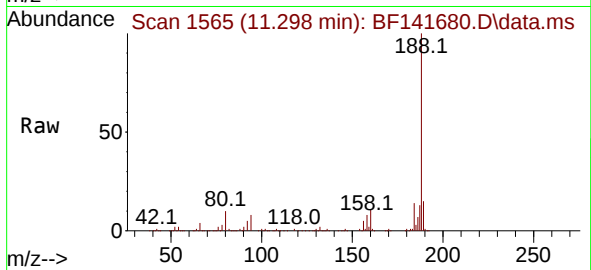
Tgt Ion:188 Resp: 302950

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.029 min

Lab File: BF141680.D

Acq: 19 Feb 2025 17:43

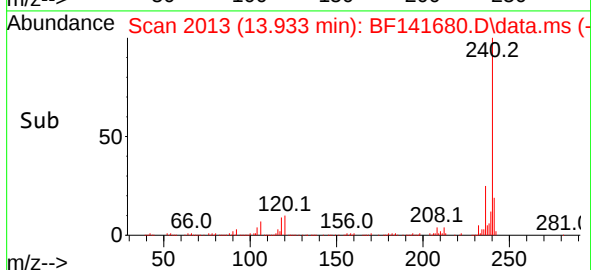
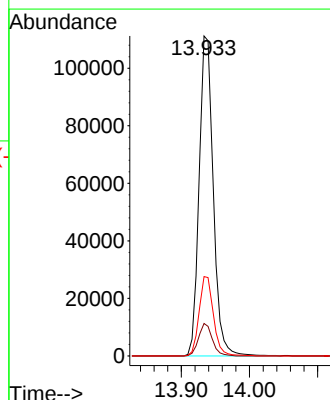
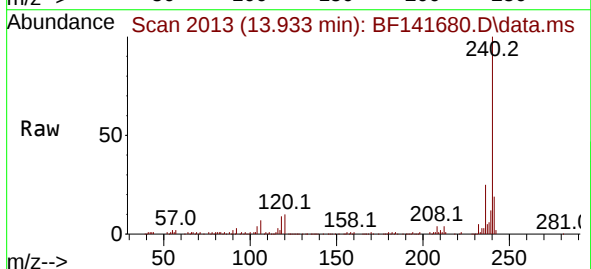
Tgt Ion:240 Resp: 160839

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

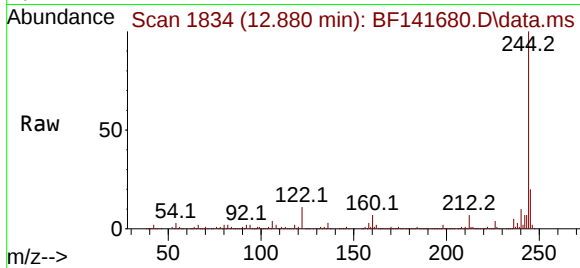
236 24.8 19.8 29.8



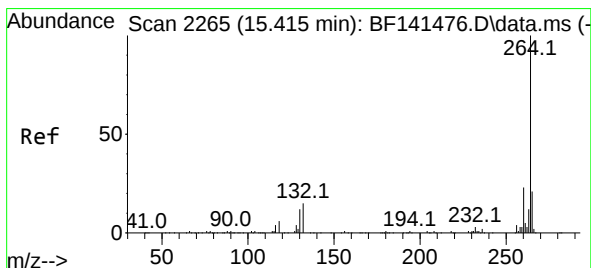
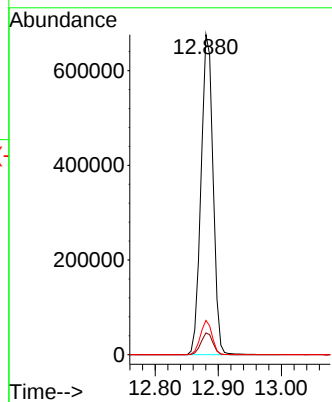
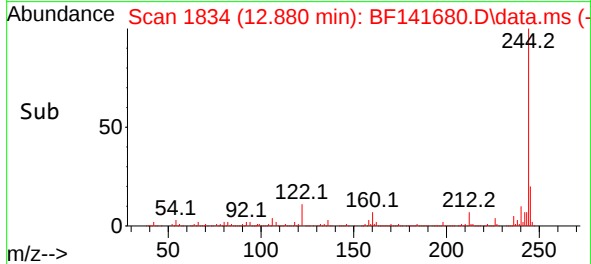


#79
 Terphenyl-d14
 Concen: 94.147 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141680.D
 Acq: 19 Feb 2025 17:43

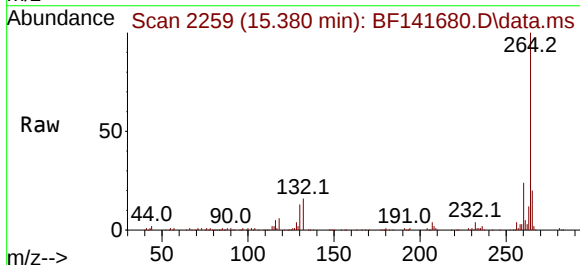
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-05-021725



Tgt Ion:244 Resp: 896981
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.7 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: BF141680.D
 Acq: 19 Feb 2025 17:43



Tgt Ion:264 Resp: 152146
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 20.3 17.0 25.4

