

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022025\
 Data File : BF141701.D
 Acq On : 20 Feb 2025 14:06
 Operator : RC/JU
 Sample : Q1383-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-17-021725

Quant Time: Feb 20 14:38:05 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	83503	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	327906	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	173956	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	294630	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	196352	20.000	ng	-0.03
86) Perylene-d12	15.380	264	158833	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	418797	78.628	ng	-0.01
7) Phenol-d6	6.416	99	517173	76.823	ng	-0.02
23) Nitrobenzene-d5	7.339	82	330676	52.599	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	127702	73.078	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	632883	56.051	ng	-0.02
79) Terphenyl-d14	12.880	244	692499	59.539	ng	-0.02

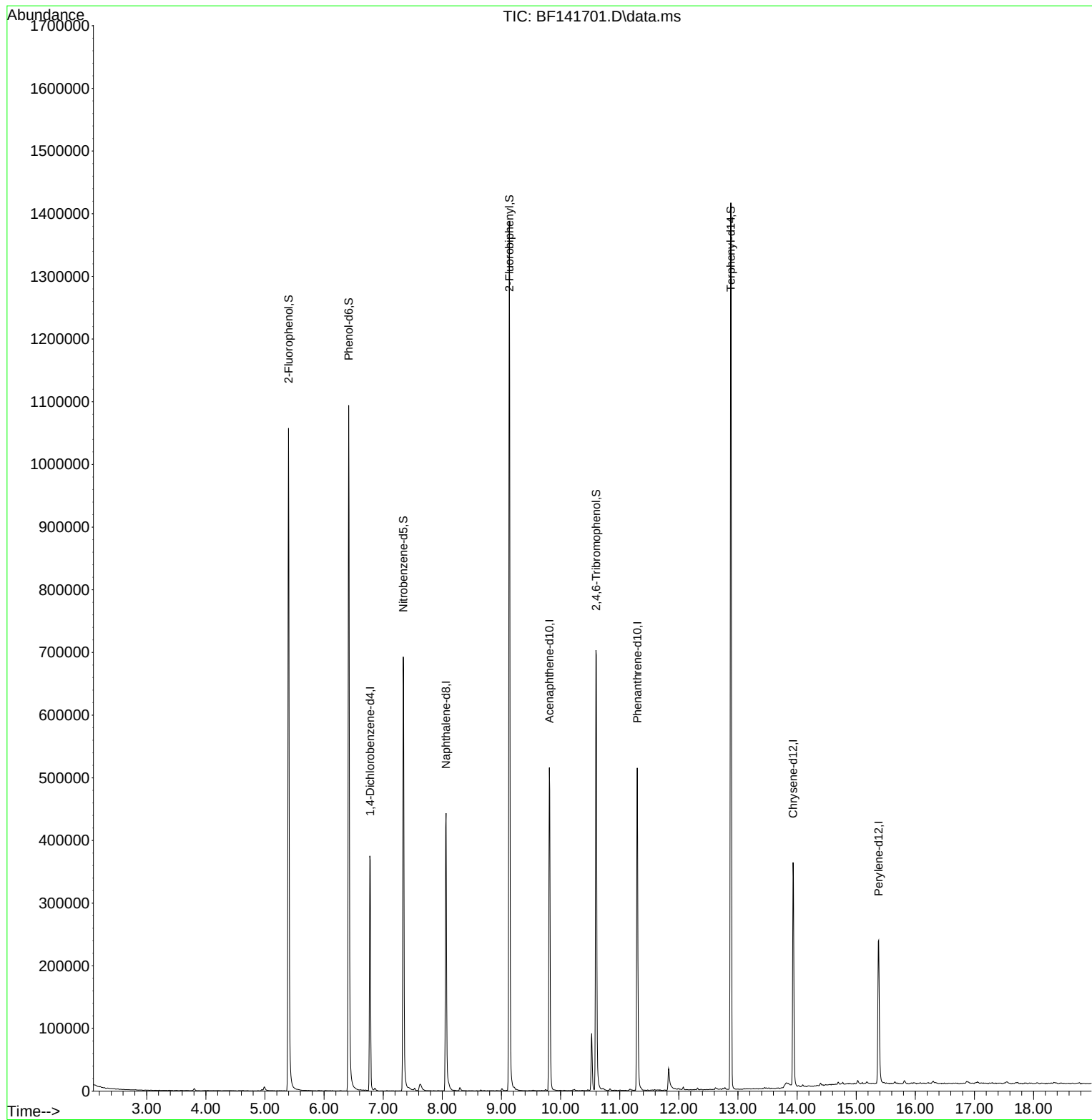
Target Compounds	Qvalue

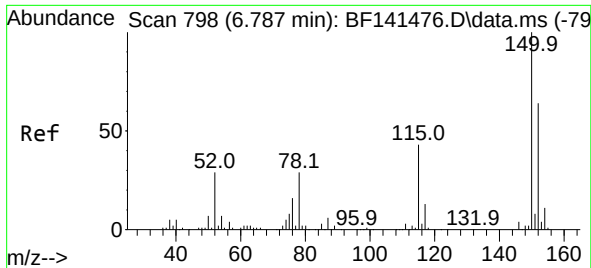
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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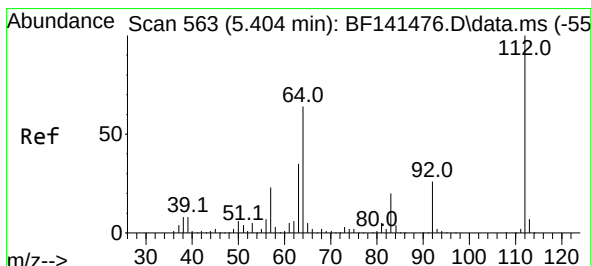
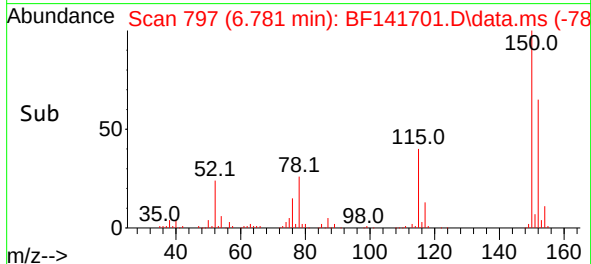
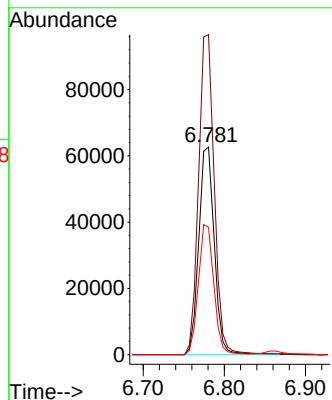
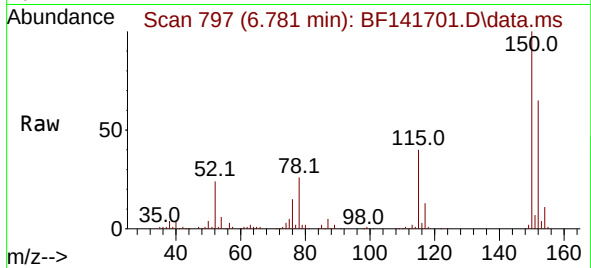




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141701.D
 Acq: 20 Feb 2025 14:06

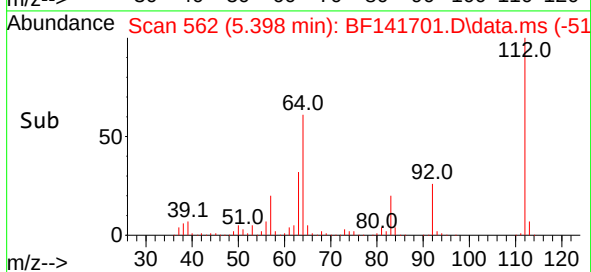
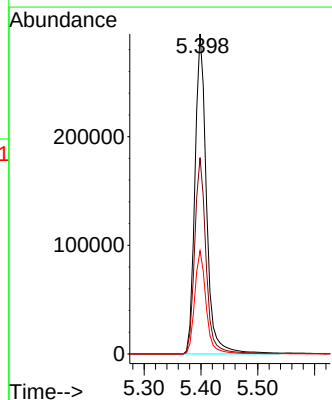
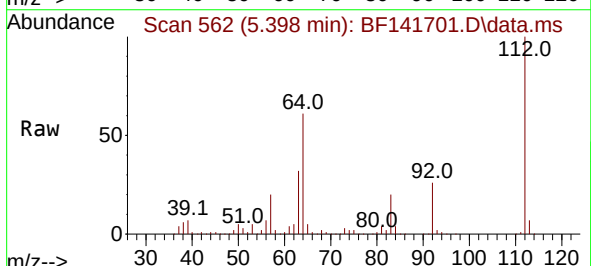
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-17-021725

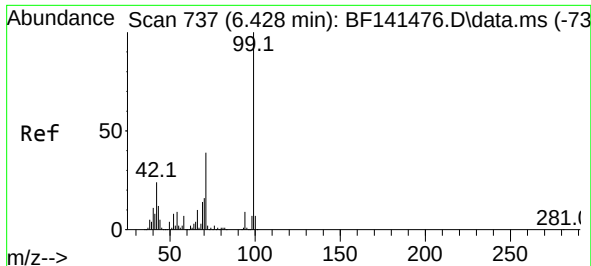
Tgt Ion:152 Resp: 83503
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.0 187.4
 115 61.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 78.628 ng
 RT: 5.398 min Scan# 562
 Delta R.T. -0.012 min
 Lab File: BF141701.D
 Acq: 20 Feb 2025 14:06

Tgt Ion:112 Resp: 418797
 Ion Ratio Lower Upper
 112 100
 64 61.4 51.1 76.7
 63 32.2 28.4 42.6

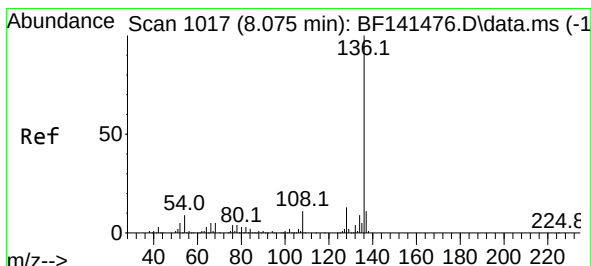
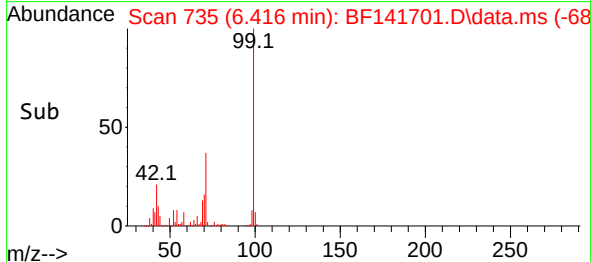
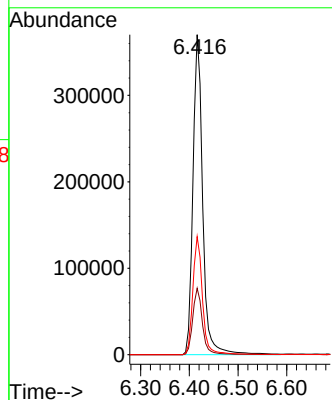
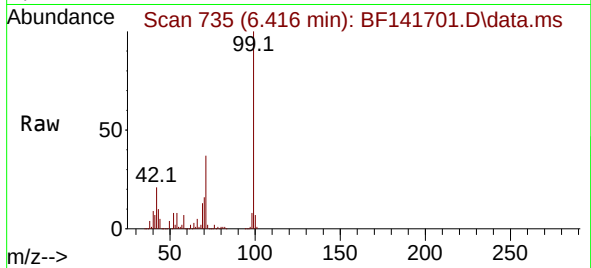




#7
Phenol-d6
Concen: 76.823 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF141701.D
Acq: 20 Feb 2025 14:06

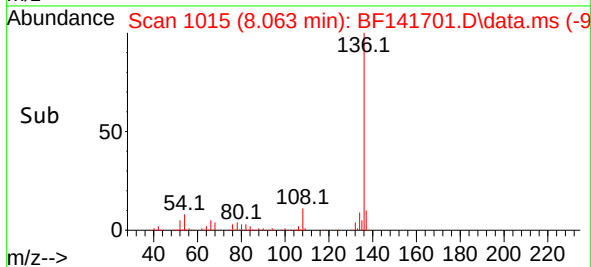
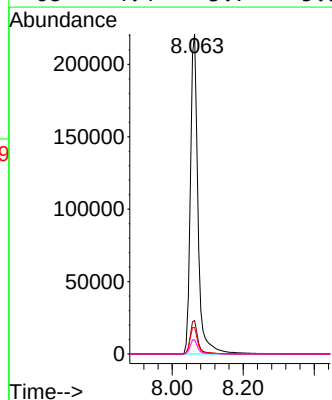
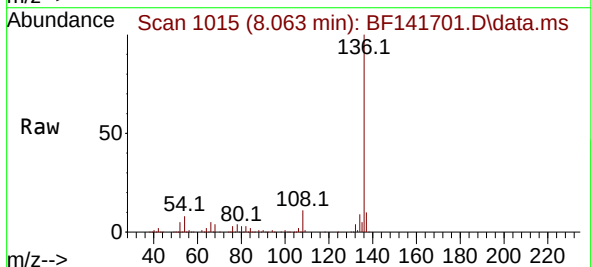
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-17-021725

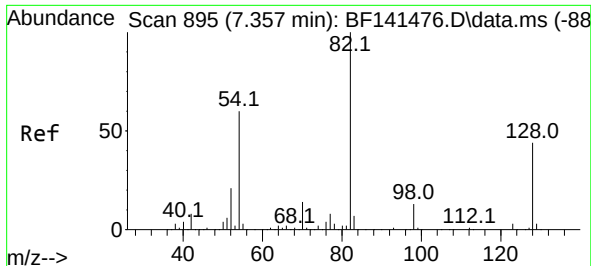
Tgt Ion: 99 Resp: 517173
Ion Ratio Lower Upper
99 100
42 20.8 19.1 28.7
71 36.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141701.D
Acq: 20 Feb 2025 14:06

Tgt Ion: 136 Resp: 327906
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.2 7.2 10.8
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 52.599 ng

RT: 7.339 min Scan# 895

Delta R.T. -0.024 min

Lab File: BF141701.D

Acq: 20 Feb 2025 14:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-17-021725

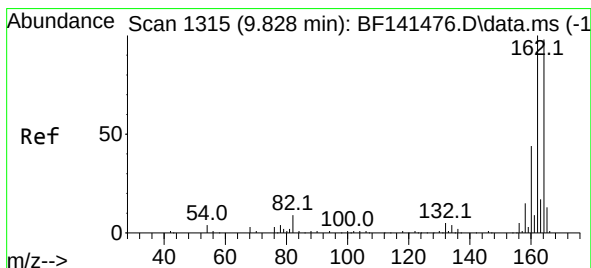
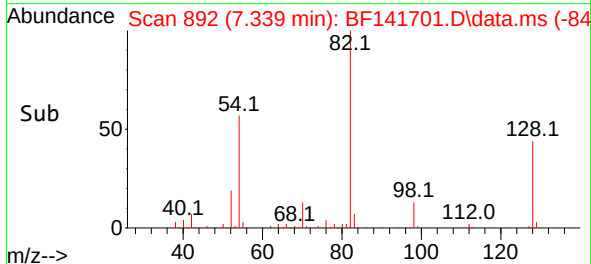
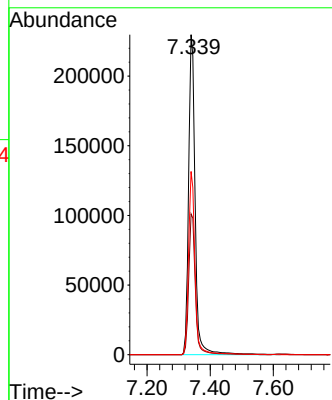
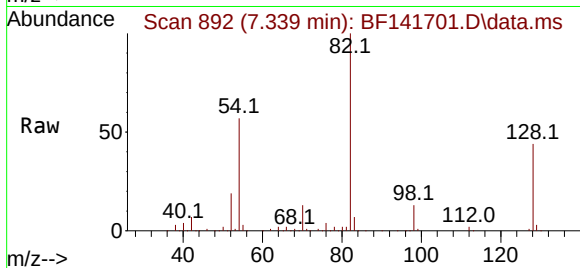
Tgt Ion: 82 Resp: 330676

Ion Ratio Lower Upper

82 100

128 44.0 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. -0.024 min

Lab File: BF141701.D

Acq: 20 Feb 2025 14:06

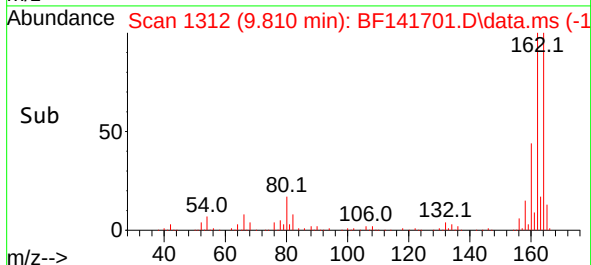
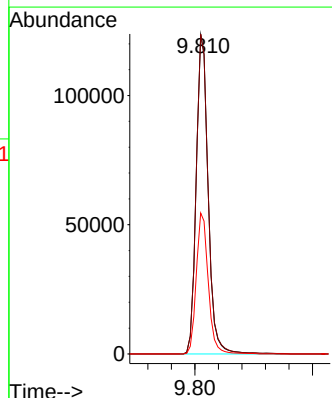
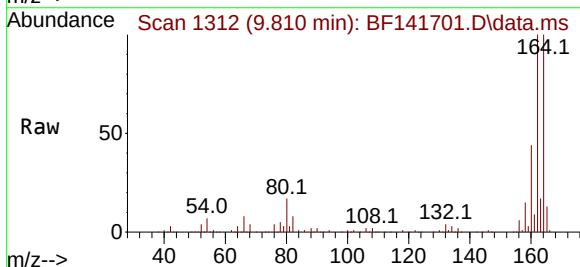
Tgt Ion:164 Resp: 173956

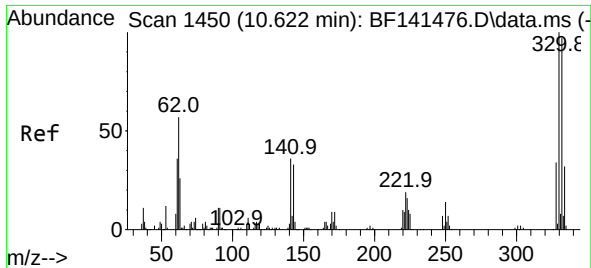
Ion Ratio Lower Upper

164 100

162 100.2 81.3 121.9

160 44.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 73.078 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.024 min

Lab File: BF141701.D

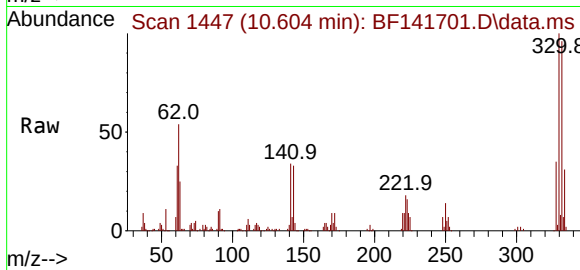
Acq: 20 Feb 2025 14:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-17-021725



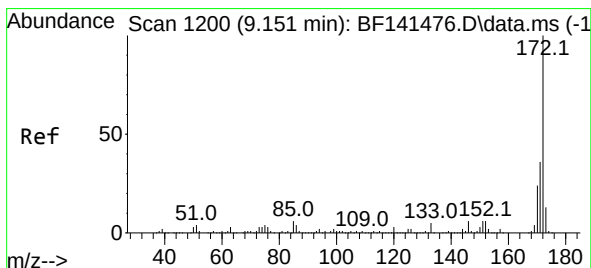
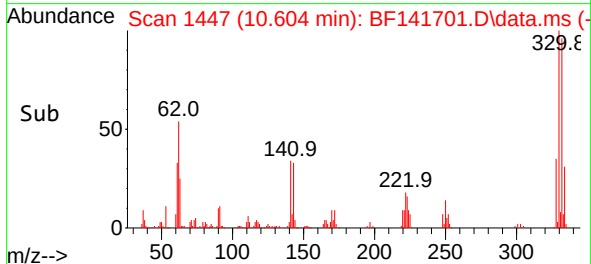
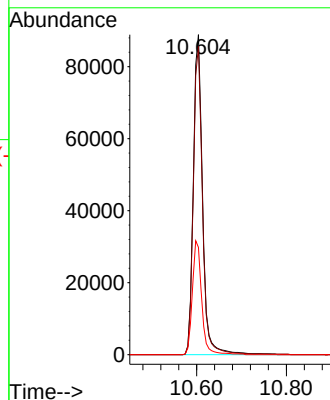
Tgt Ion:330 Resp: 127702

Ion Ratio Lower Upper

330 100

332 95.1 78.5 117.7

141 35.8 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 56.051 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141701.D

Acq: 20 Feb 2025 14:06

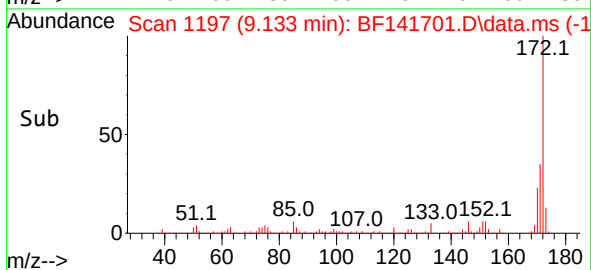
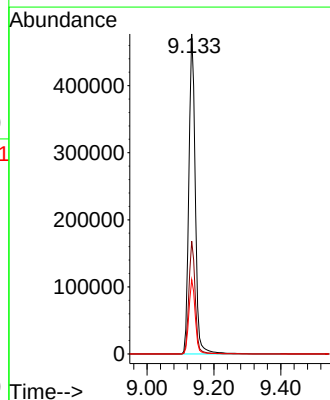
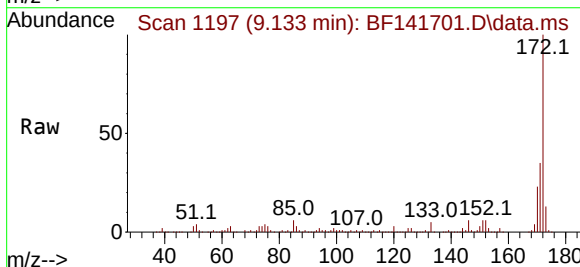
Tgt Ion:172 Resp: 632883

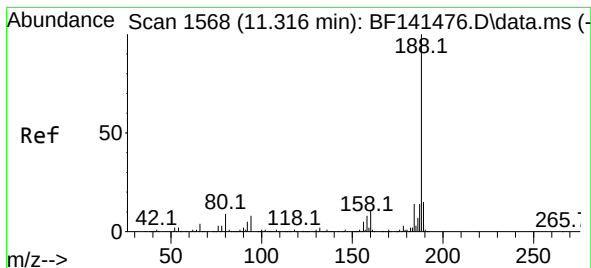
Ion Ratio Lower Upper

172 100

171 35.3 28.7 43.1

170 23.2 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: BF141701.D

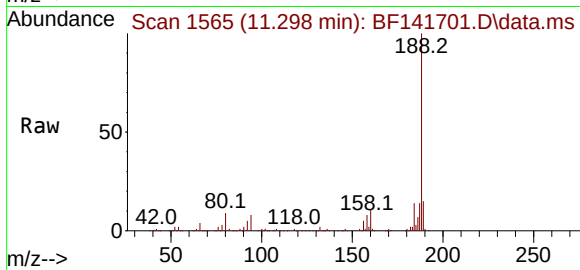
Acq: 20 Feb 2025 14:06

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-17-021725



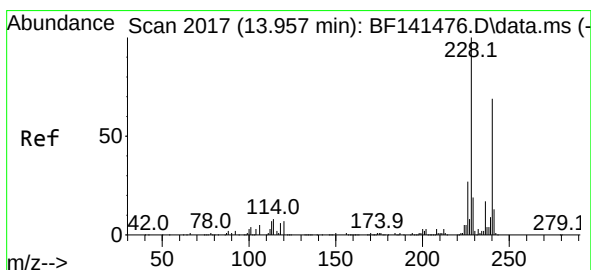
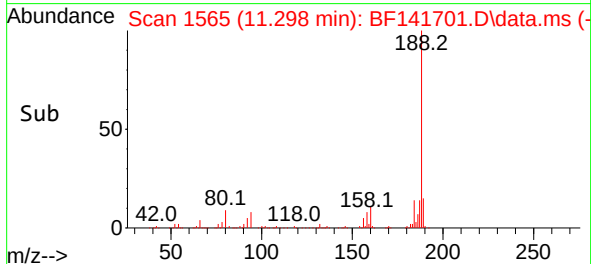
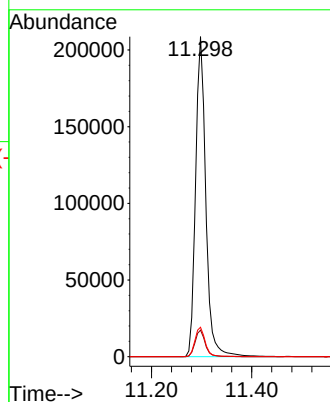
Tgt Ion:188 Resp: 294630

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.2 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: BF141701.D

Acq: 20 Feb 2025 14:06

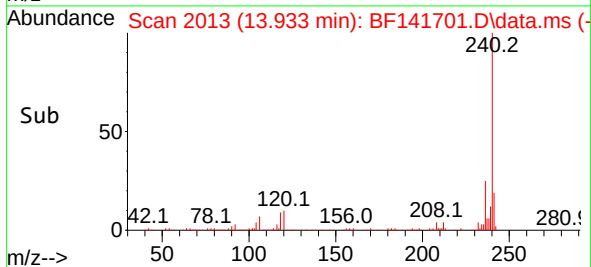
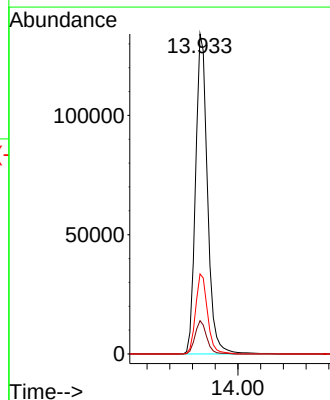
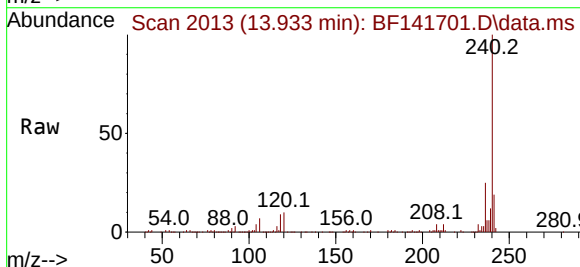
Tgt Ion:240 Resp: 196352

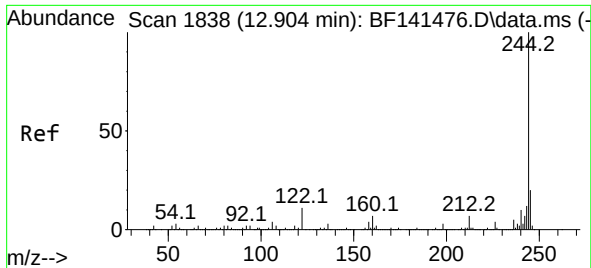
Ion Ratio Lower Upper

240 100

120 10.4 8.0 12.0

236 25.0 19.8 29.8

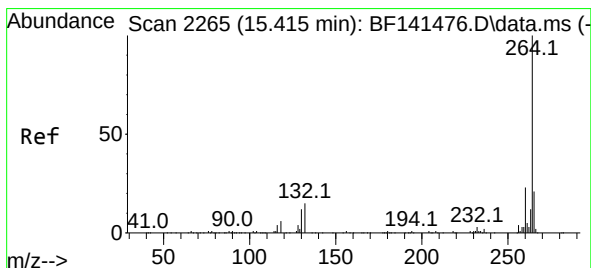
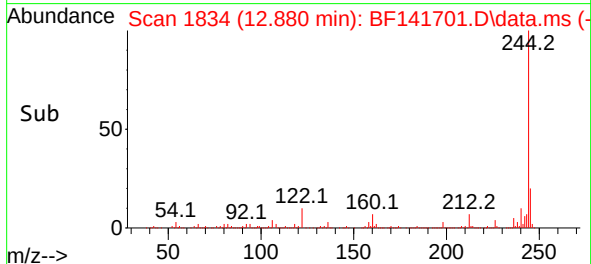
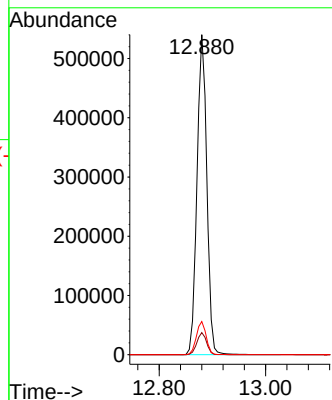
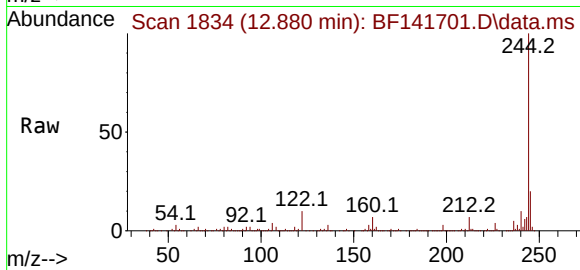




#79
 Terphenyl-d14
 Concen: 59.539 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: BF141701.D
 Acq: 20 Feb 2025 14:06

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-17-021725

Tgt Ion:244 Resp: 692499
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF141701.D
 Acq: 20 Feb 2025 14:06

Tgt Ion:264 Resp: 158833
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.3 17.0 25.4

