

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141597.D
 Acq On : 12 Feb 2025 18:20
 Operator : RC/JU
 Sample : Q1349-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-PERMIT

Quant Time: Feb 12 21:59:43 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	6.787	152	72660	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	291296	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158211	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	263611	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	150385	20.000	ng	-0.02
86) Perylene-d12	15.398	264	139373	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	324998	70.123	ng	0.00
7) Phenol-d6	6.422	99	256483	43.784	ng	-0.02
23) Nitrobenzene-d5	7.351	82	522606	93.576	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	212543	133.734	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	961139	93.595	ng	0.00
79) Terphenyl-d14	12.892	244	892739	100.216	ng	-0.01

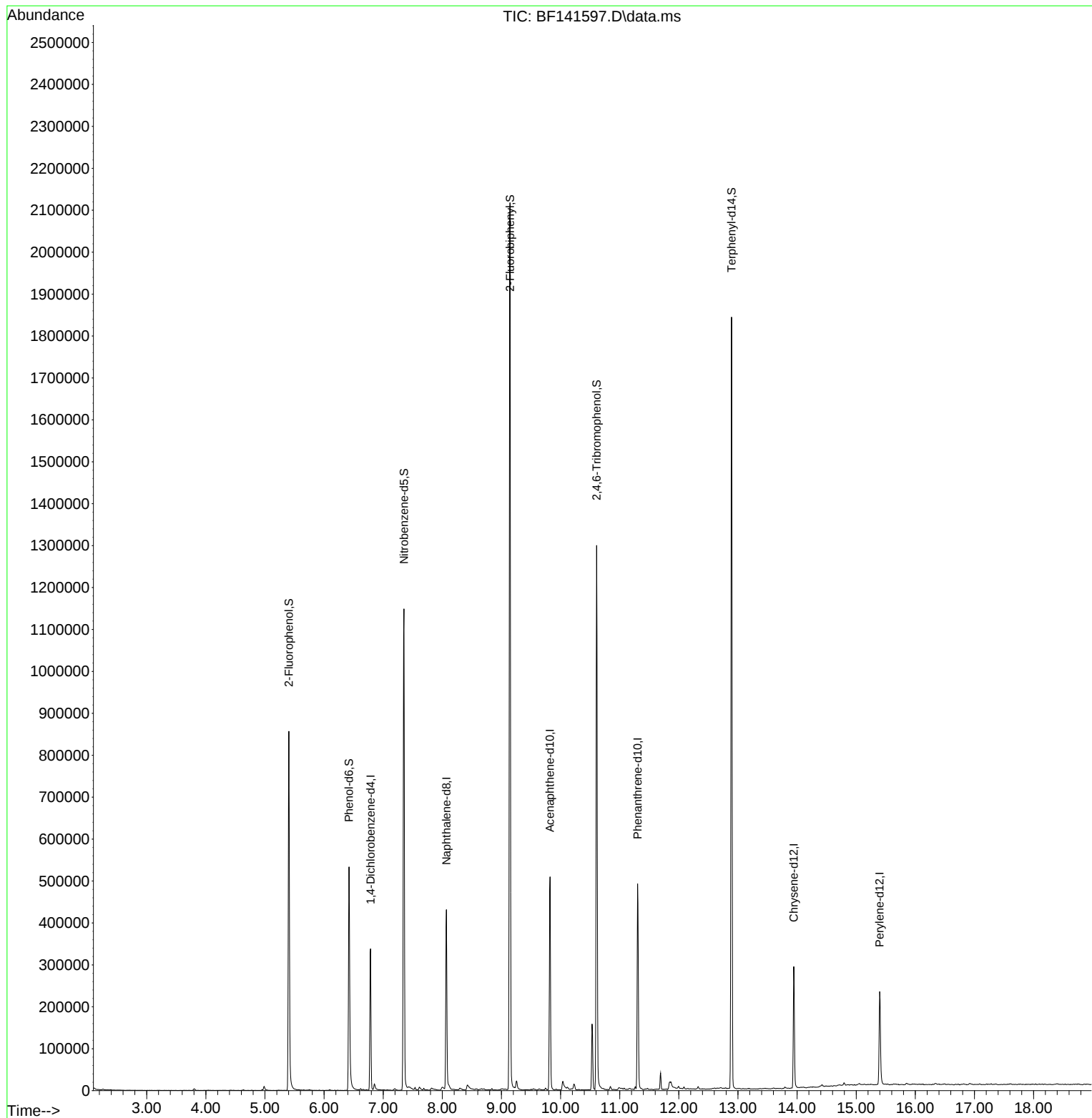
Target Compounds	Qvalue

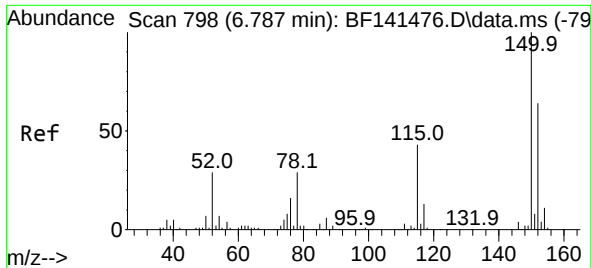
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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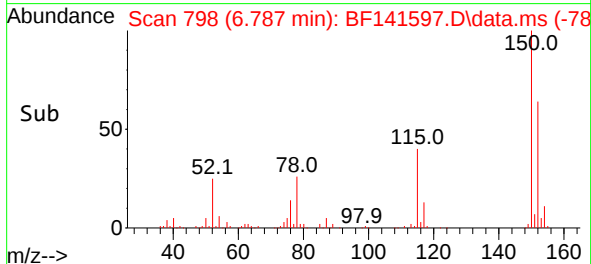
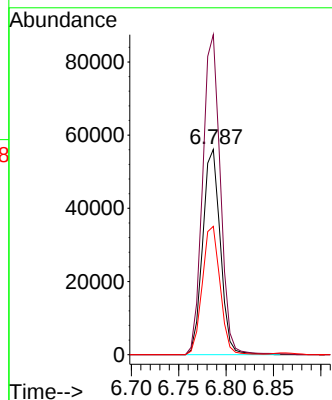
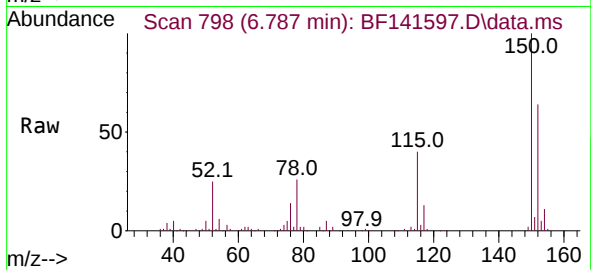




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141597.D
 Acq: 12 Feb 2025 18:20

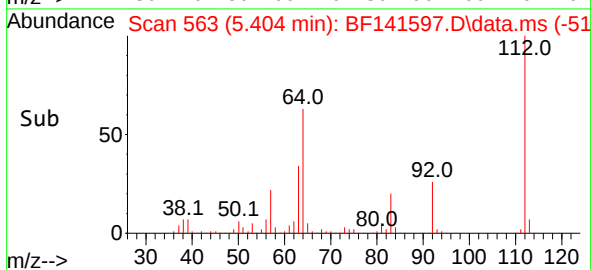
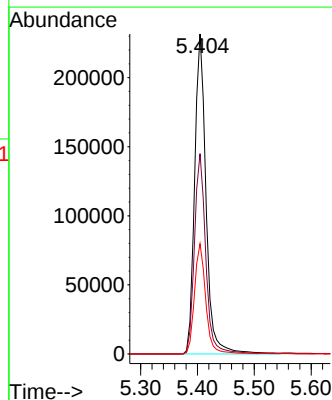
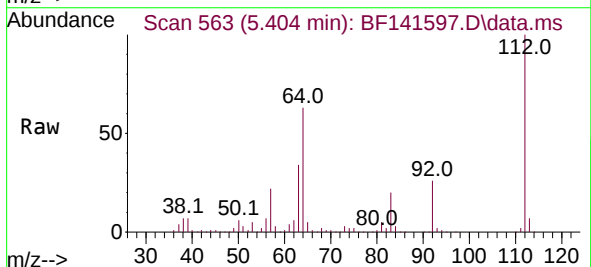
Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-PERMIT

Tgt Ion:152 Resp: 72660
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.0 187.4
 115 62.5 53.6 80.4



#5
 2-Fluorophenol
 Concen: 70.123 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141597.D
 Acq: 12 Feb 2025 18:20

Tgt Ion:112 Resp: 324998
 Ion Ratio Lower Upper
 112 100
 64 62.6 51.1 76.7
 63 34.4 28.4 42.6

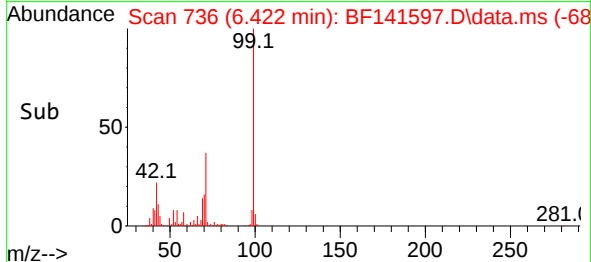
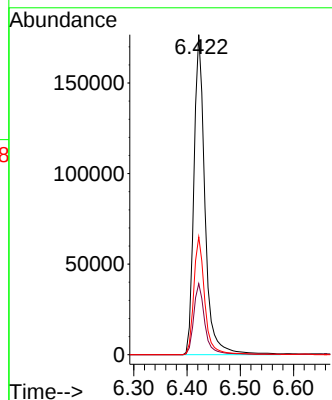
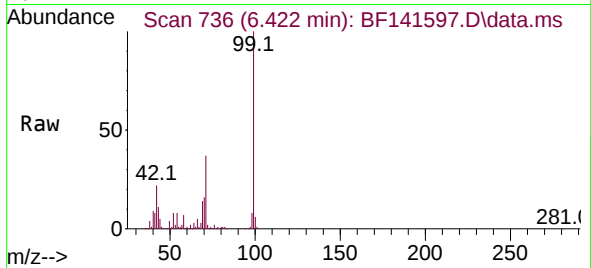




#7
Phenol-d6
Concen: 43.784 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141597.D
Acq: 12 Feb 2025 18:20

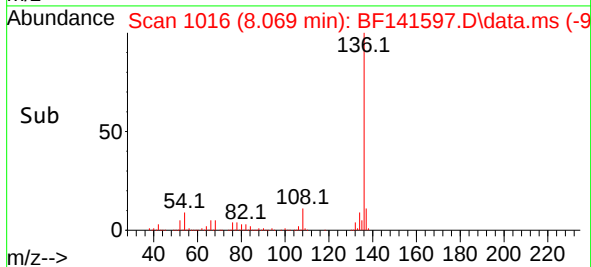
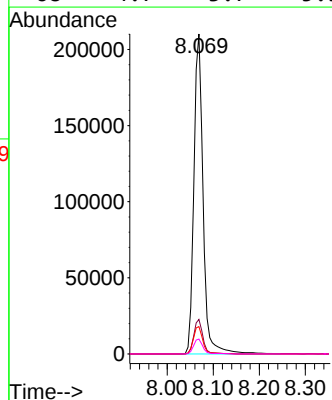
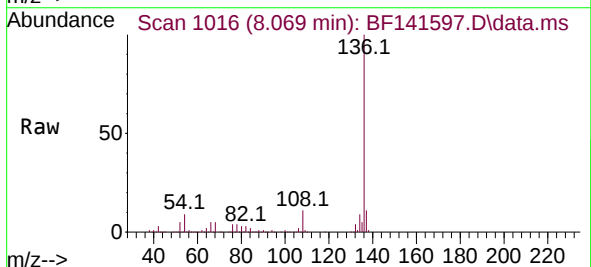
Instrument :
BNA_F
ClientSampleId :
TWP-1-PERMIT

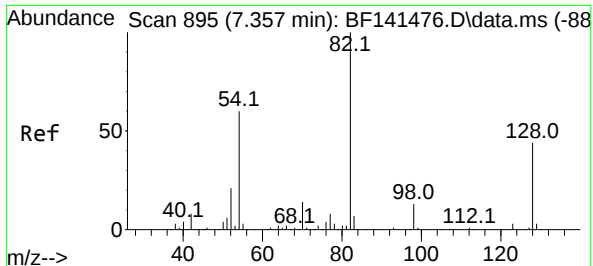
Tgt Ion: 99 Resp: 256483
Ion Ratio Lower Upper
99 100
42 22.2 19.1 28.7
71 36.8 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141597.D
Acq: 12 Feb 2025 18:20

Tgt Ion: 136 Resp: 291296
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 93.576 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141597.D

Acq: 12 Feb 2025 18:20

Instrument :

BNA_F

ClientSampleId :

TWP-1-PERMIT

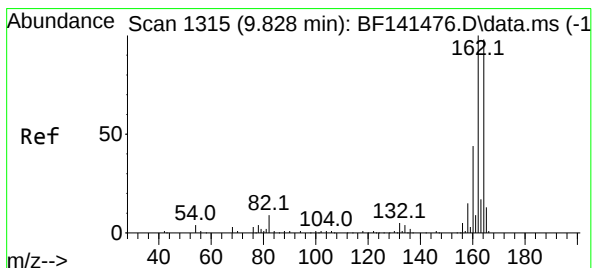
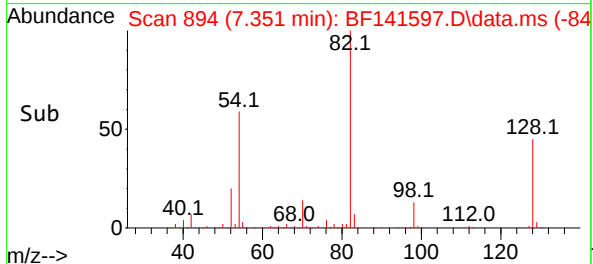
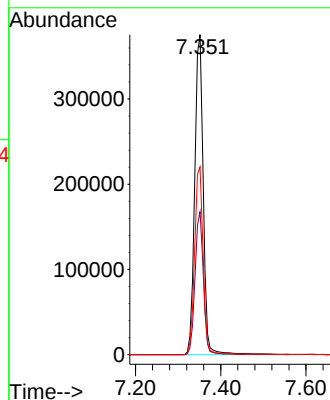
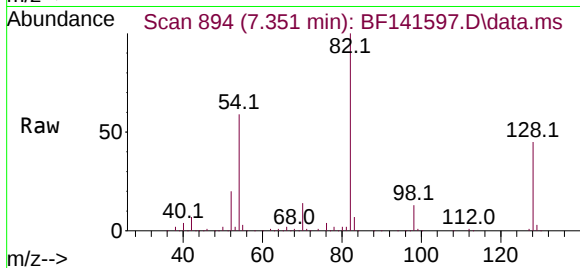
Tgt Ion: 82 Resp: 522606

Ion Ratio Lower Upper

82 100

128 44.7 34.8 52.2

54 58.7 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141597.D

Acq: 12 Feb 2025 18:20

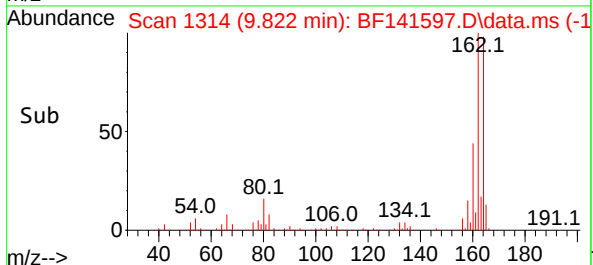
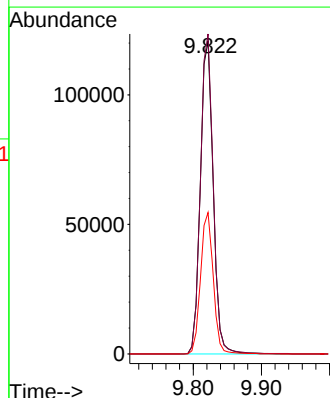
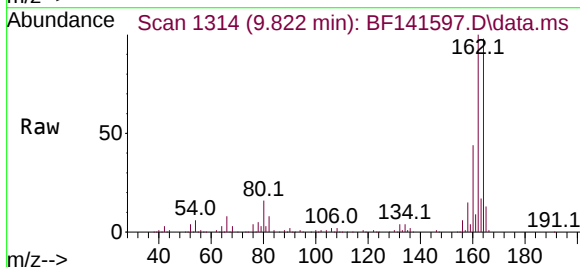
Tgt Ion:164 Resp: 158211

Ion Ratio Lower Upper

164 100

162 102.3 81.3 121.9

160 45.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 133.734 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141597.D

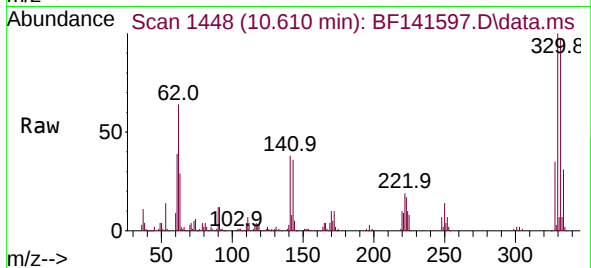
Acq: 12 Feb 2025 18:20

Instrument :

BNA_F

ClientSampleId :

TWP-1-PERMIT



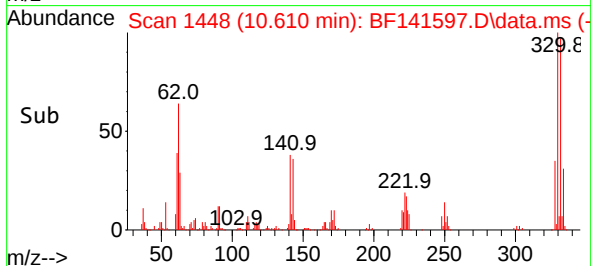
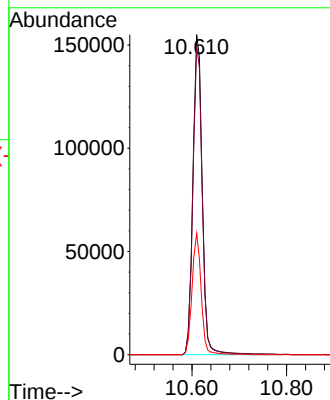
Tgt Ion:330 Resp: 212543

Ion Ratio Lower Upper

330 100

332 96.2 78.5 117.7

141 37.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 93.595 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141597.D

Acq: 12 Feb 2025 18:20

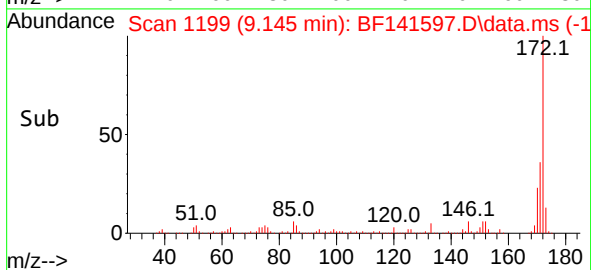
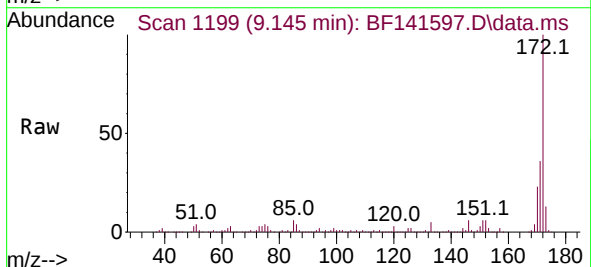
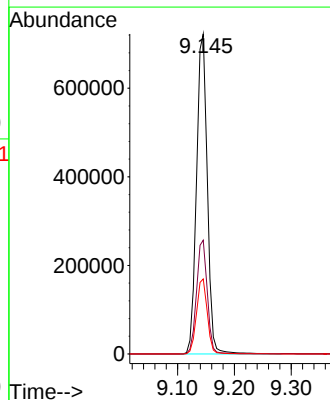
Tgt Ion:172 Resp: 961139

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3

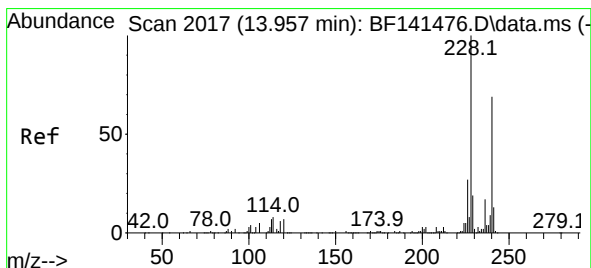
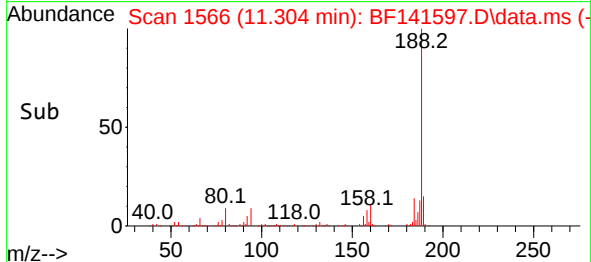
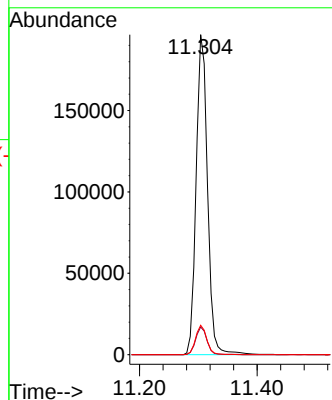
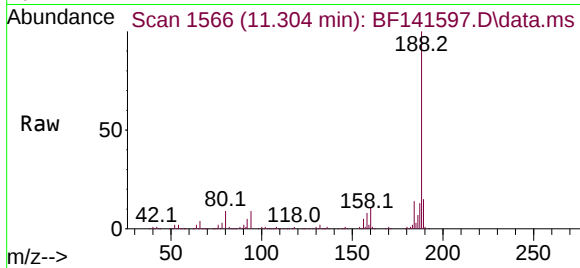




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141597.D
Acq: 12 Feb 2025 18:20

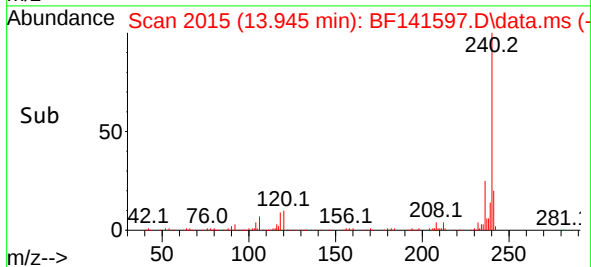
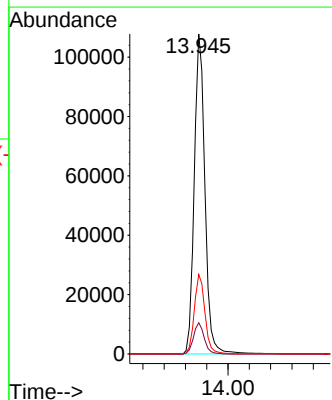
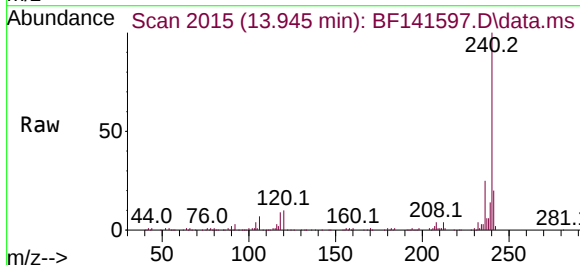
Instrument :
BNA_F
ClientSampleId :
TWP-1-PERMIT

Tgt Ion:188 Resp: 263611
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2015
Delta R.T. -0.018 min
Lab File: BF141597.D
Acq: 12 Feb 2025 18:20

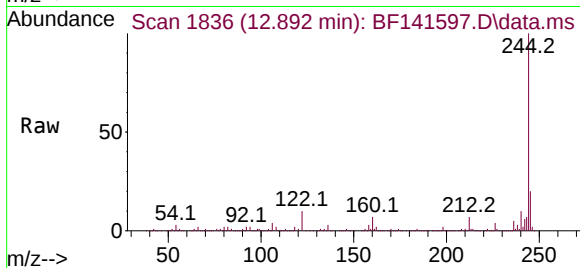
Tgt Ion:240 Resp: 150385
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.8 19.8 29.8



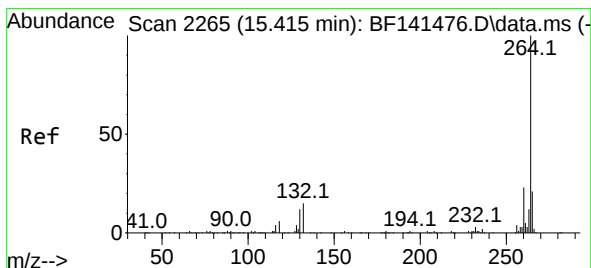
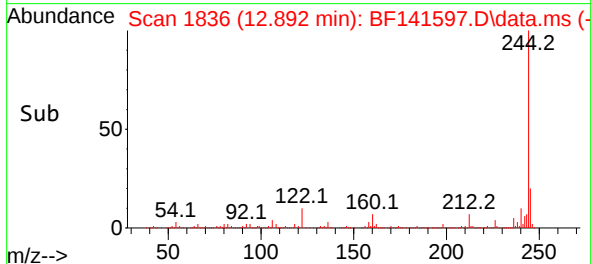
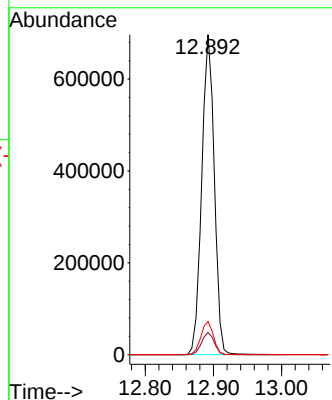


#79
 Terphenyl-d14
 Concen: 100.216 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141597.D
 Acq: 12 Feb 2025 18:20

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-PERMIT



Tgt Ion:244 Resp: 892739
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.398 min Scan# 2262
 Delta R.T. -0.018 min
 Lab File: BF141597.D
 Acq: 12 Feb 2025 18:20

Tgt Ion:264 Resp: 139373
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 20.8 17.0 25.4

