

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141596.D
 Acq On : 12 Feb 2025 17:54
 Operator : RC/JU
 Sample : Q1348-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-WC

Quant Time: Feb 12 21:59:27 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	82113	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	324560	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	173234	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	295491	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	168580	20.000	ng	-0.02
86) Perylene-d12	15.410	264	156466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	349116	66.655	ng	0.00
7) Phenol-d6	6.422	99	275134	41.561	ng	-0.02
23) Nitrobenzene-d5	7.351	82	564307	90.687	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	229022	131.606	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1046614	93.080	ng	0.00
79) Terphenyl-d14	12.892	244	985760	98.715	ng	-0.01

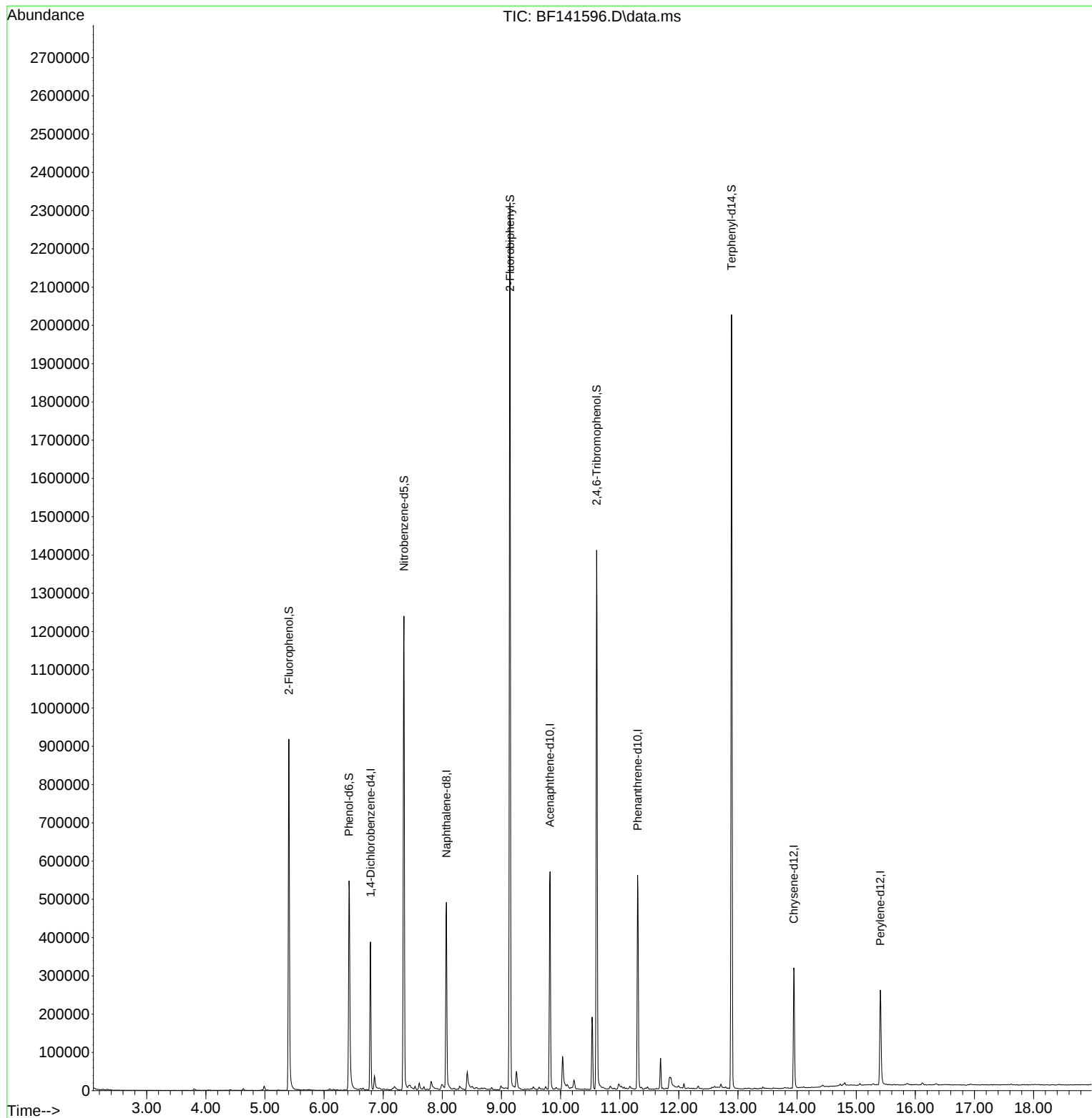
Target Compounds	Qvalue

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

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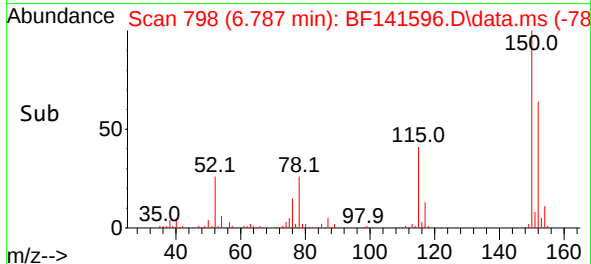
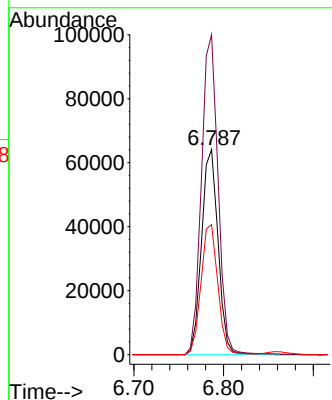
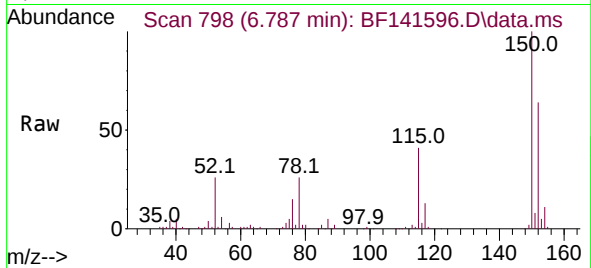




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

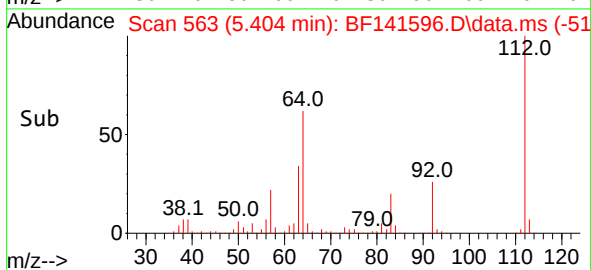
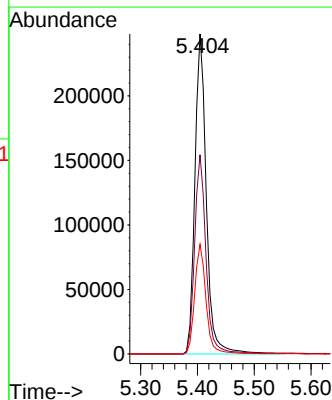
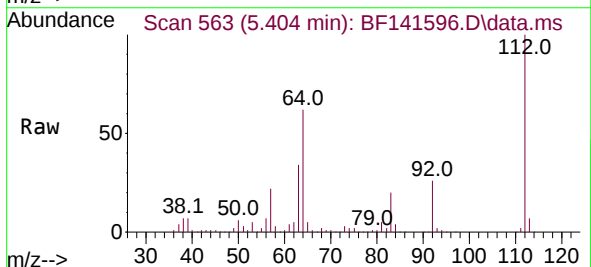
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

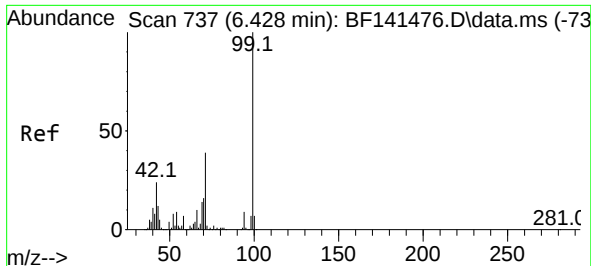
Tgt Ion:152 Resp: 82113
Ion Ratio Lower Upper
152 100
150 156.0 125.0 187.4
115 63.4 53.6 80.4



#5
2-Fluorophenol
Concen: 66.655 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion:112 Resp: 349116
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 34.2 28.4 42.6





#7
Phenol-d6
Concen: 41.561 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

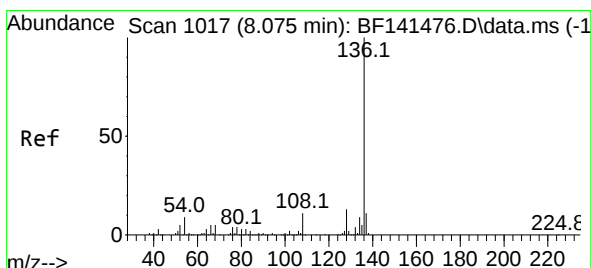
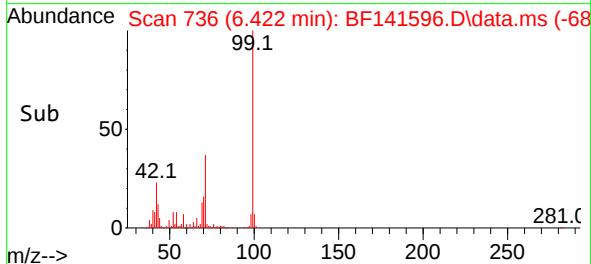
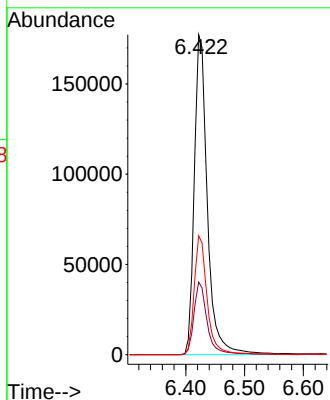
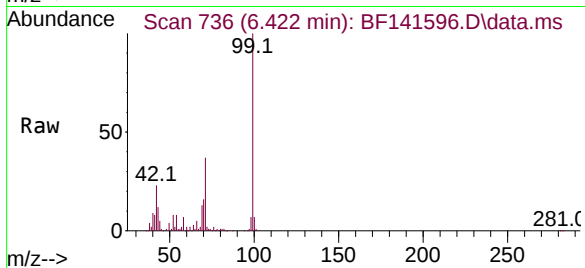
Instrument :

BNA_F

ClientSampleId :

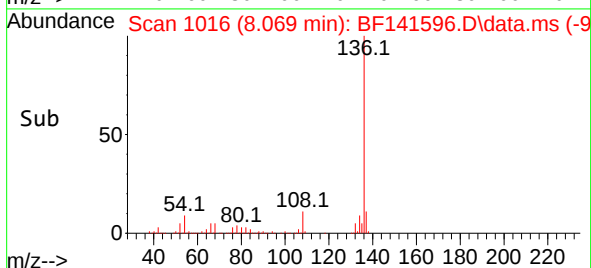
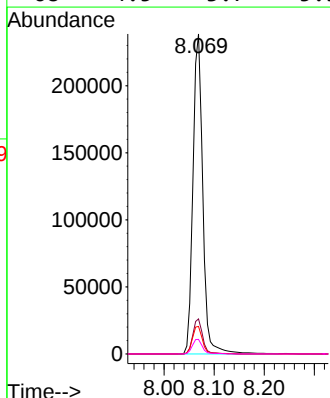
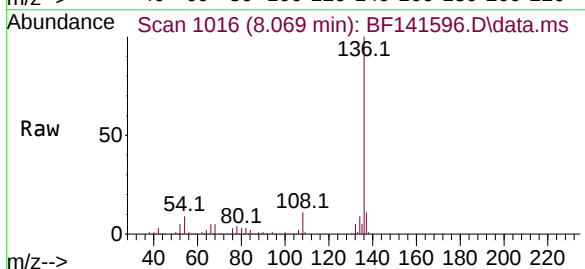
TWP-1-WC

Tgt Ion: 99 Resp: 275134
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.2 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: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion: 136 Resp: 324560
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 7.2 10.8
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 90.687 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Instrument :

BNA_F

ClientSampleId :

TWP-1-WC

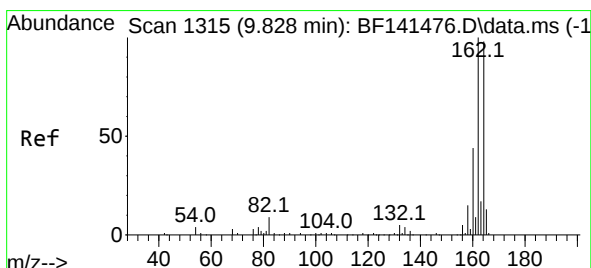
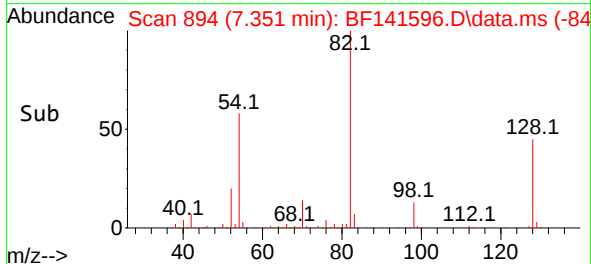
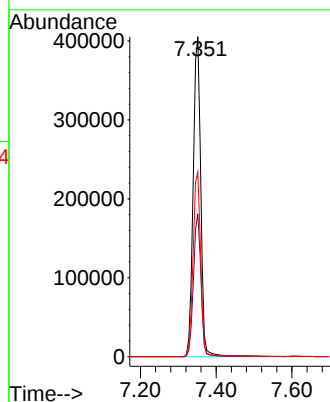
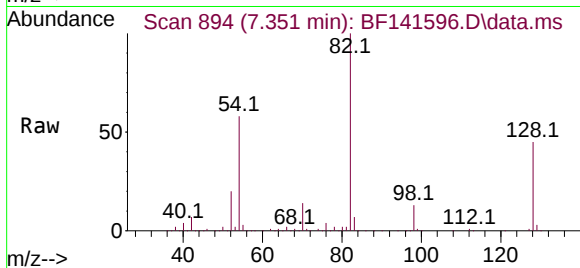
Tgt Ion: 82 Resp: 564307

Ion Ratio Lower Upper

82 100

128 44.6 34.8 52.2

54 57.6 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: BF141596.D

Acq: 12 Feb 2025 17:54

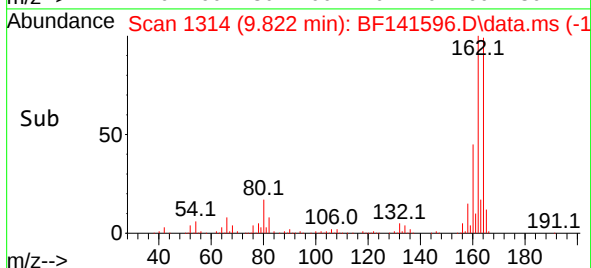
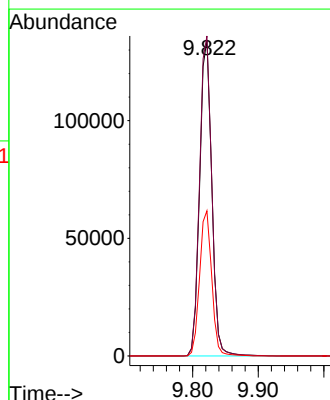
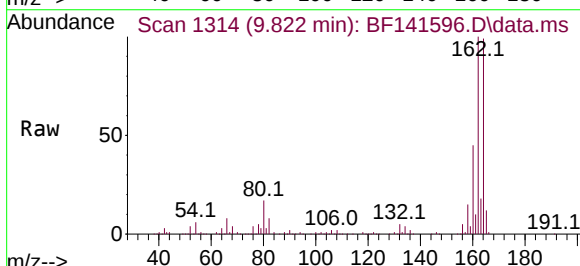
Tgt Ion:164 Resp: 173234

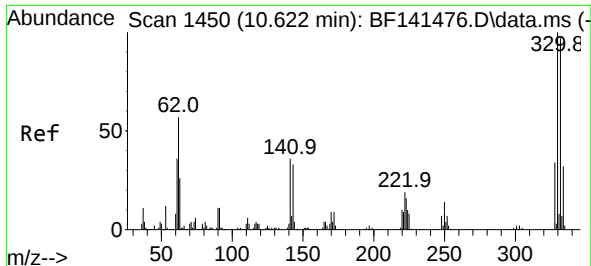
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

160 45.9 35.9 53.9

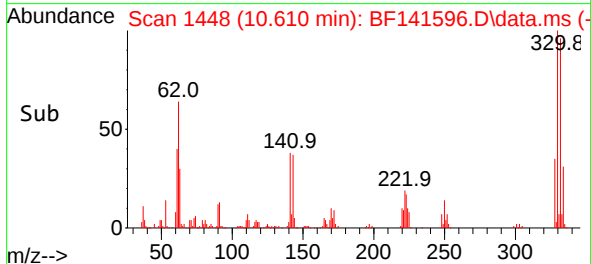
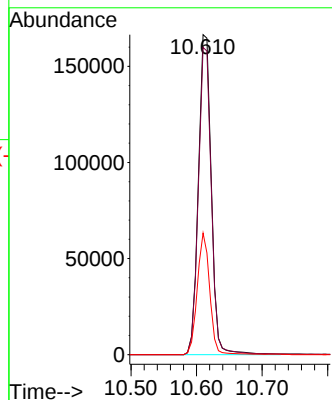
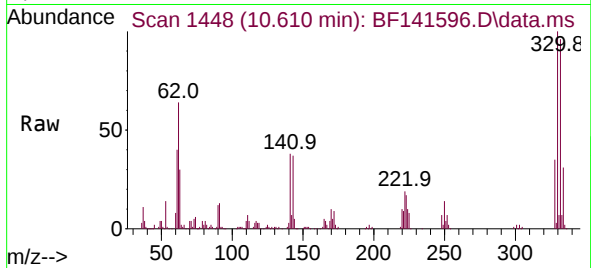




#42
2,4,6-Tribromophenol
Concen: 131.606 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.018 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

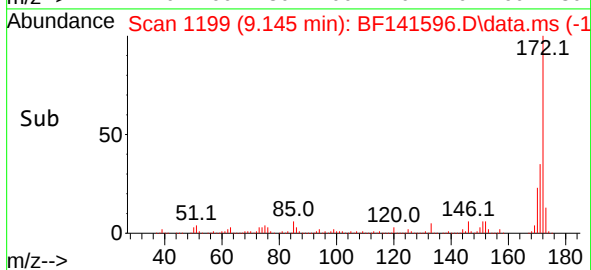
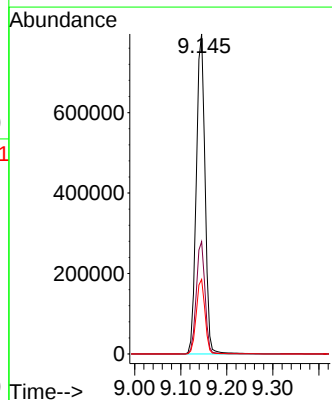
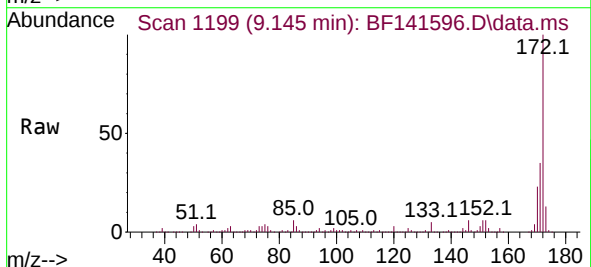
Instrument :
BNA_F
ClientSampleId :
TWP-1-WC

Tgt Ion:330 Resp: 229022
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 36.5 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 93.080 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141596.D
Acq: 12 Feb 2025 17:54

Tgt Ion:172 Resp: 1046614
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141596.D

Acq: 12 Feb 2025 17:54

Instrument :

BNA_F

ClientSampleId :

TWP-1-WC

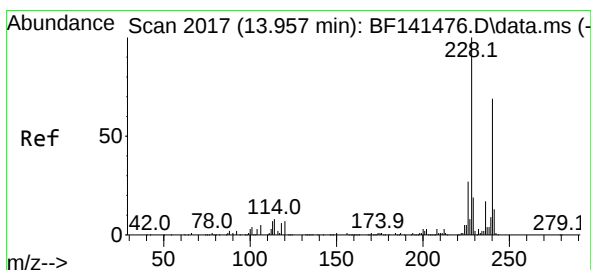
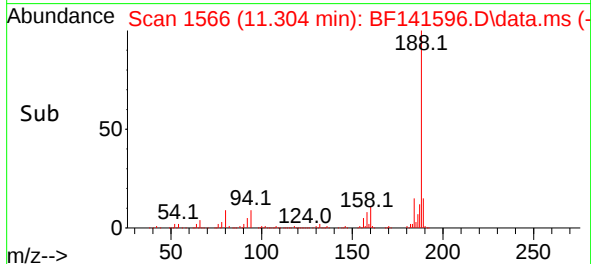
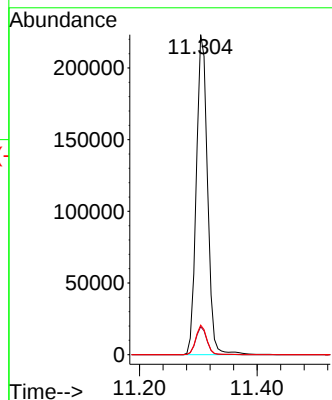
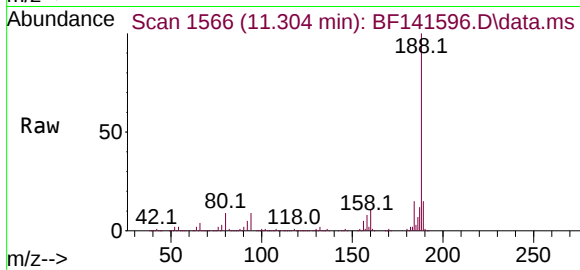
Tgt Ion:188 Resp: 295491

Ion Ratio Lower Upper

188 100

94 8.8 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: BF141596.D

Acq: 12 Feb 2025 17:54

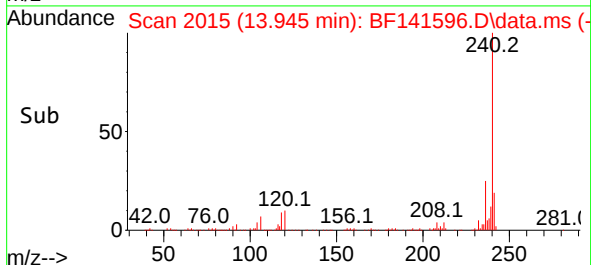
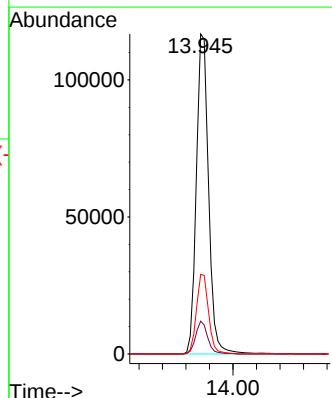
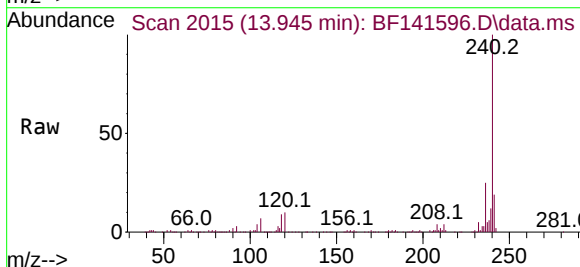
Tgt Ion:240 Resp: 168580

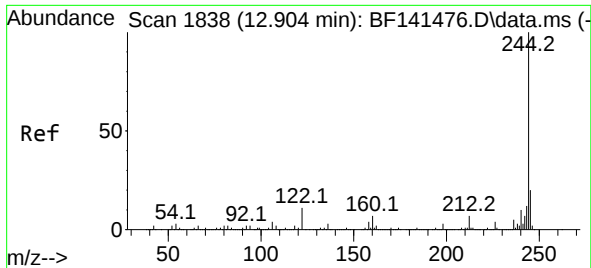
Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

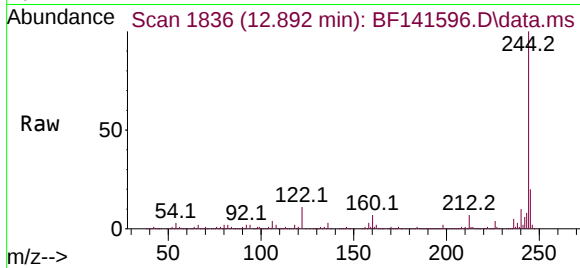
236 24.9 19.8 29.8



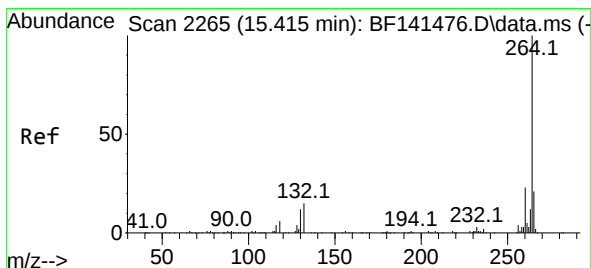
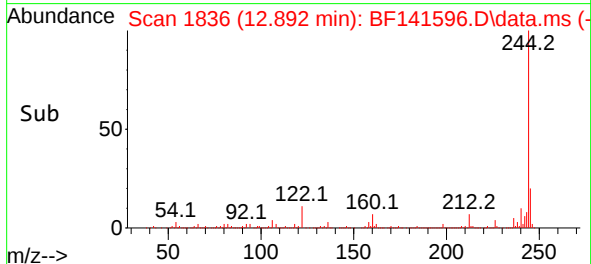
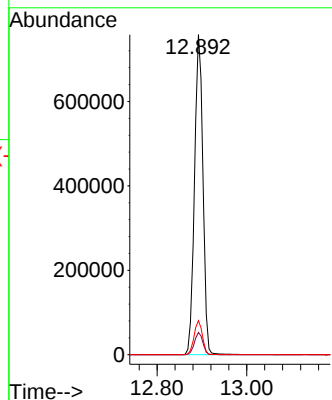


#79
 Terphenyl-d14
 Concen: 98.715 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141596.D
 Acq: 12 Feb 2025 17:54

Instrument :
 BNA_F
 ClientSampleId :
 TWP-1-WC



Tgt Ion:244 Resp: 985760
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF141596.D
 Acq: 12 Feb 2025 17:54

Tgt Ion:264 Resp: 156466
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 22.0 17.0 25.4

