

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141790.D
 Acq On : 26 Feb 2025 18:55
 Operator : RC/JU
 Sample : Q1420-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 27 00:06:17 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	61262	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	247757	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	130529	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	202220	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	149172	20.000	ng	-0.02
86) Perylene-d12	15.386	264	133730	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	401945	102.861	ng	0.00
7) Phenol-d6	6.422	99	507388	102.732	ng	-0.02
23) Nitrobenzene-d5	7.345	82	317514	66.844	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	122013	93.053	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	602186	71.076	ng	-0.02
79) Terphenyl-d14	12.880	244	542601	61.406	ng	-0.02

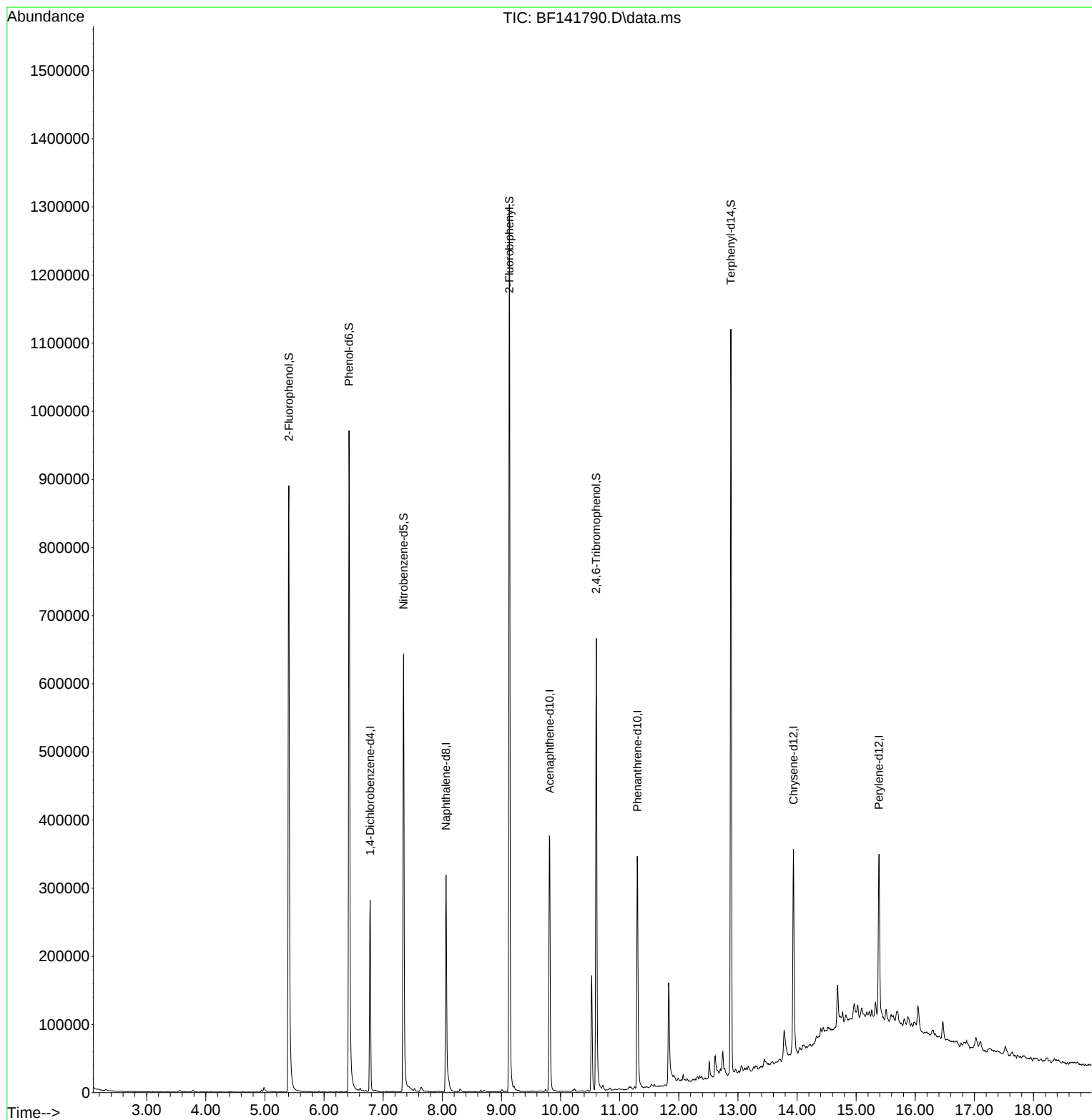
Target Compounds	Qvalue

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

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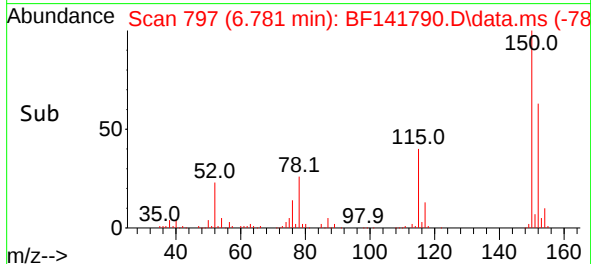
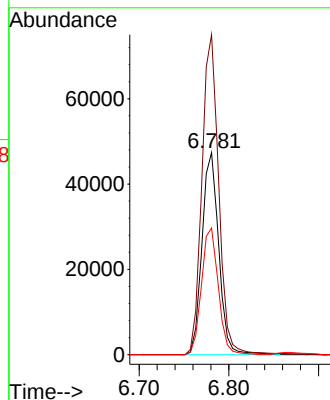
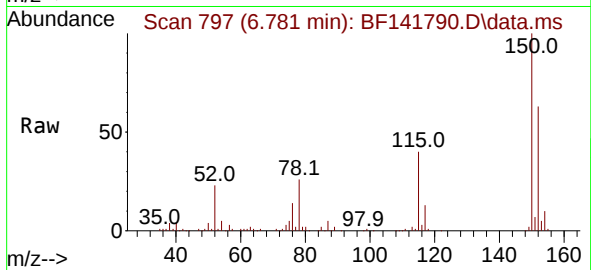




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

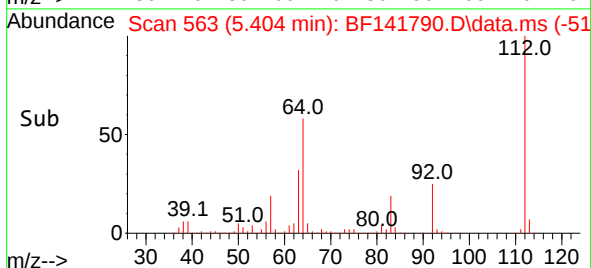
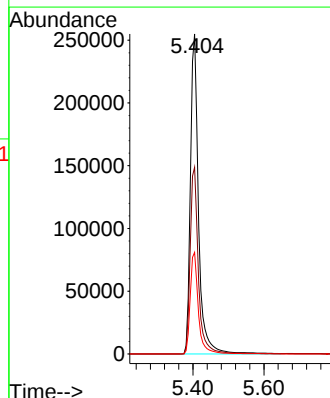
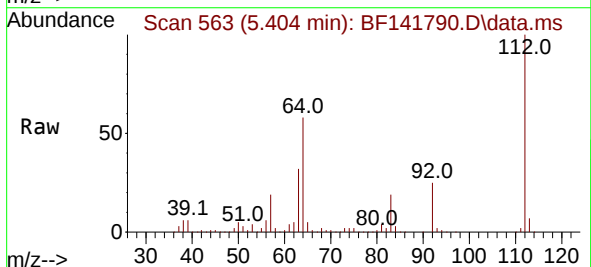
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:152 Resp: 61262
Ion Ratio Lower Upper
152 100
150 158.4 125.0 187.4
115 62.7 53.6 80.4



#5
2-Fluorophenol
Concen: 102.861 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

Tgt Ion:112 Resp: 401945
Ion Ratio Lower Upper
112 100
64 58.4 51.1 76.7
63 31.7 28.4 42.6

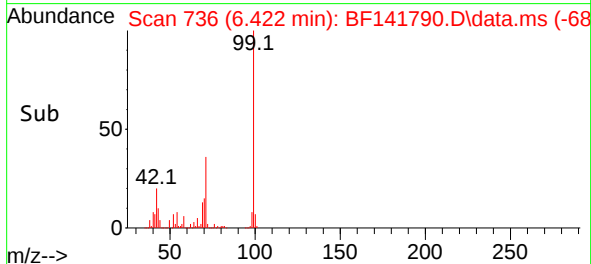
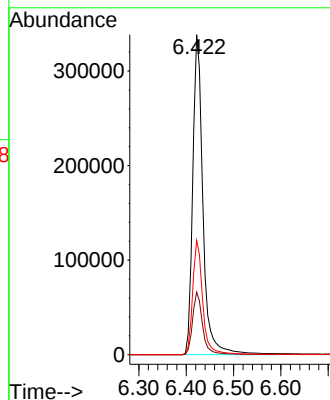
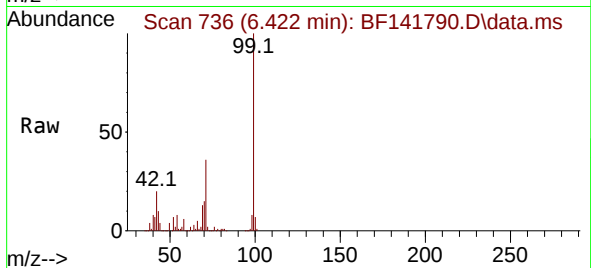




#7
Phenol-d6
Concen: 102.732 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

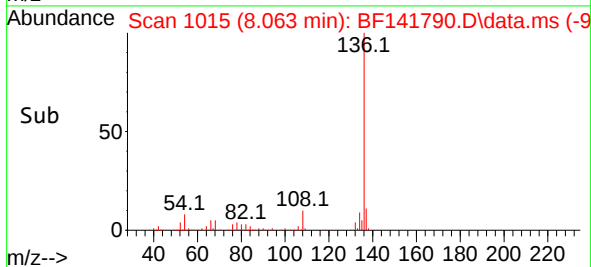
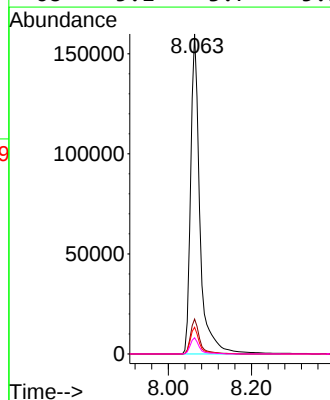
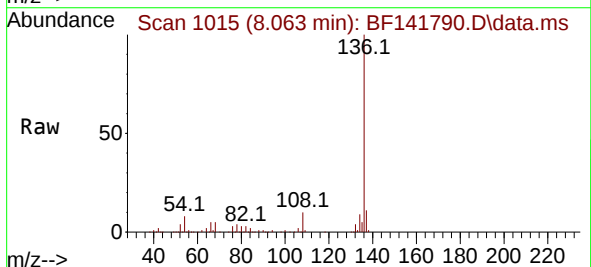
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion: 99 Resp: 507388
Ion Ratio Lower Upper
99 100
42 19.6 19.1 28.7
71 35.7 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: BF141790.D
Acq: 26 Feb 2025 18:55

Tgt Ion: 136 Resp: 247757
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.2 10.8
68 5.1 3.7 5.5





#23

Nitrobenzene-d5

Concen: 66.844 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF141790.D

Acq: 26 Feb 2025 18:55

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

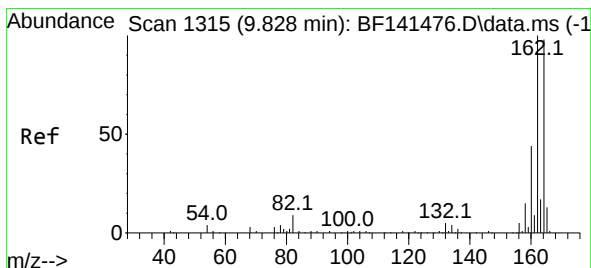
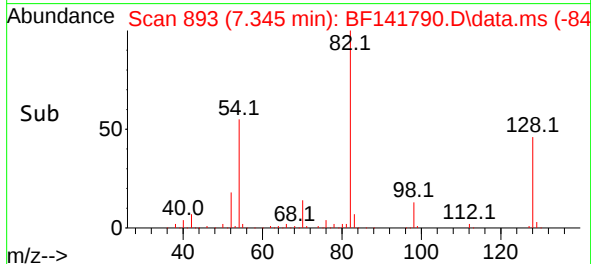
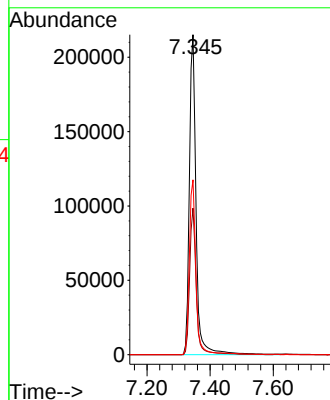
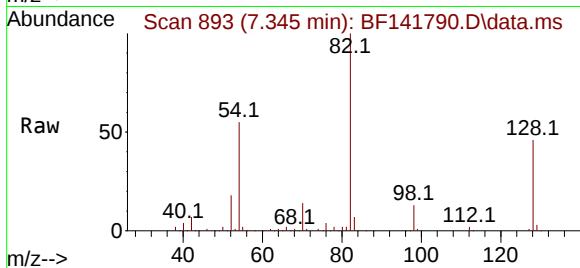
Tgt Ion: 82 Resp: 317514

Ion Ratio Lower Upper

82 100

128 45.8 34.8 52.2

54 54.6 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF141790.D

Acq: 26 Feb 2025 18:55

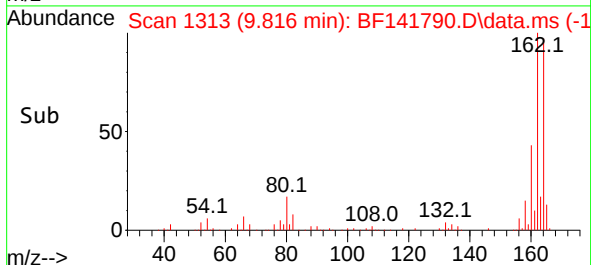
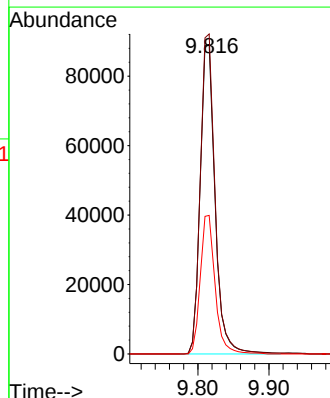
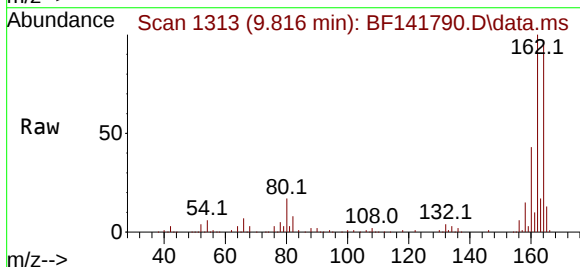
Tgt Ion:164 Resp: 130529

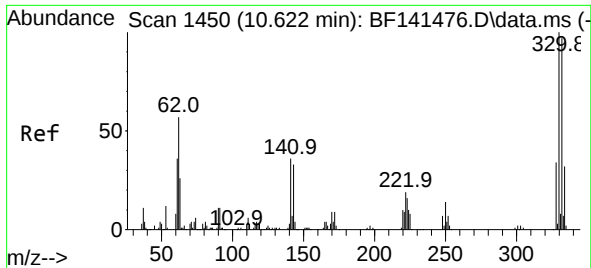
Ion Ratio Lower Upper

164 100

162 103.4 81.3 121.9

160 44.8 35.9 53.9

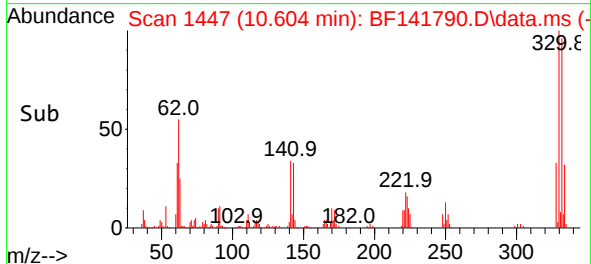
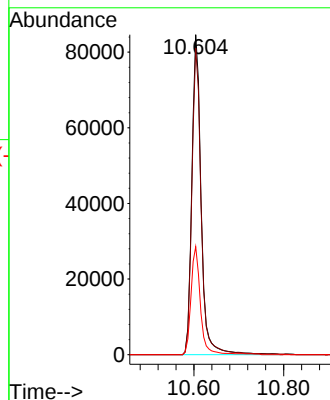
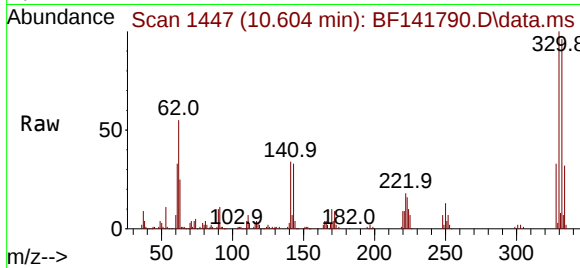




#42
2,4,6-Tribromophenol
Concen: 93.053 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

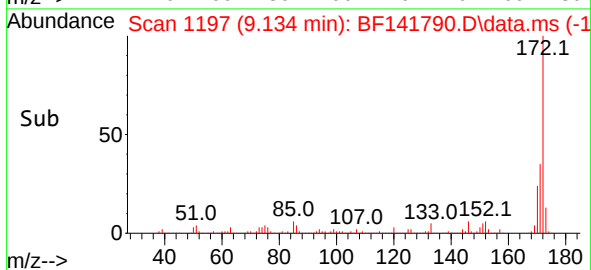
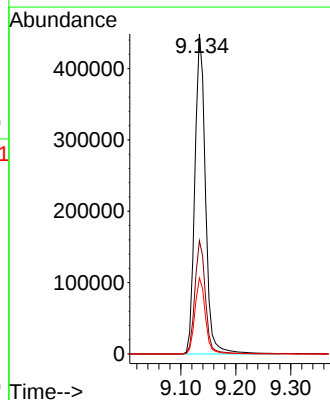
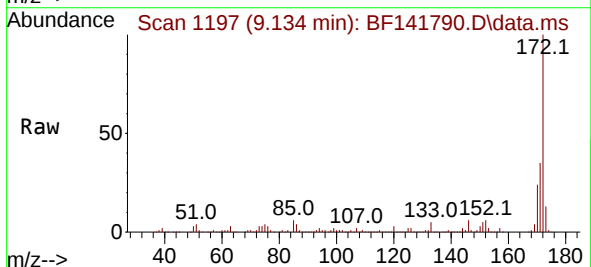
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:330 Resp: 122013
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 34.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 71.076 ng
RT: 9.134 min Scan# 1197
Delta R.T. -0.017 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

Tgt Ion:172 Resp: 602186
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.7 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141790.D

Acq: 26 Feb 2025 18:55

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

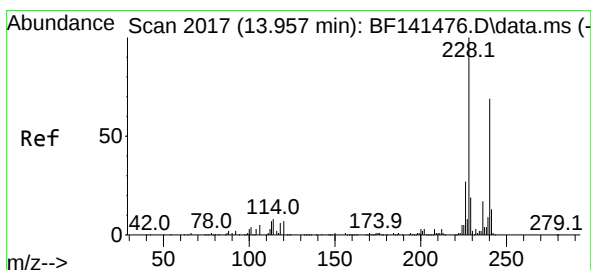
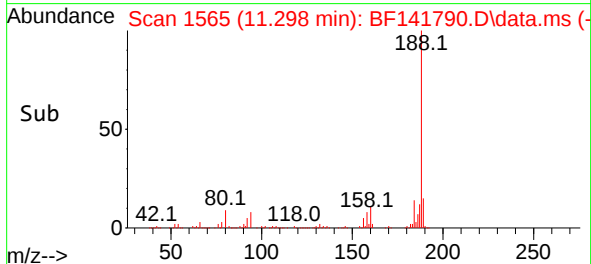
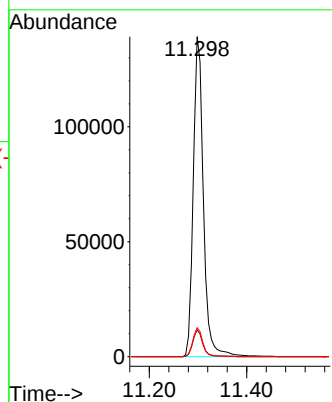
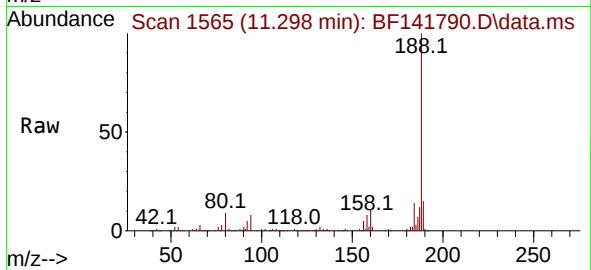
Tgt Ion:188 Resp: 202220

Ion Ratio Lower Upper

188 100

94 8.4 6.6 10.0

80 9.1 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: BF141790.D

Acq: 26 Feb 2025 18:55

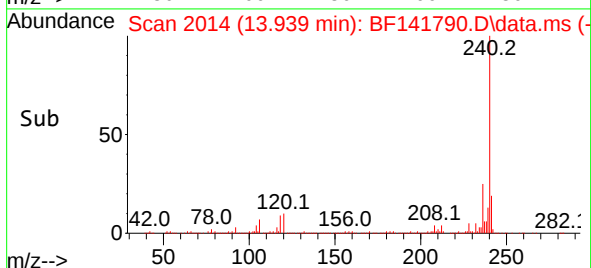
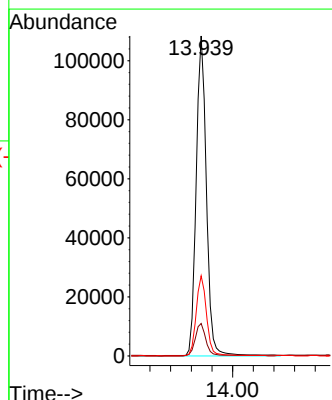
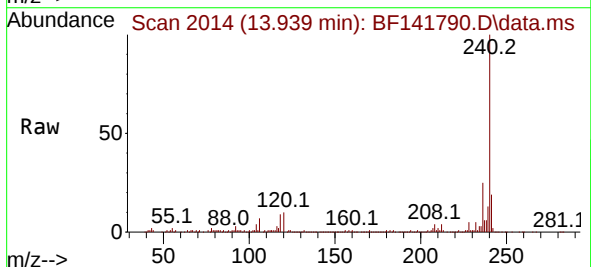
Tgt Ion:240 Resp: 149172

Ion Ratio Lower Upper

240 100

120 10.2 8.0 12.0

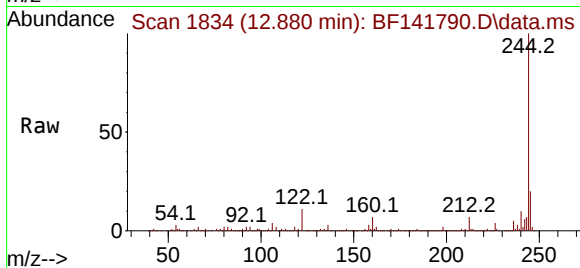
236 25.0 19.8 29.8



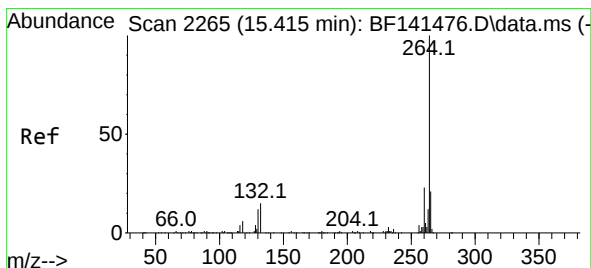
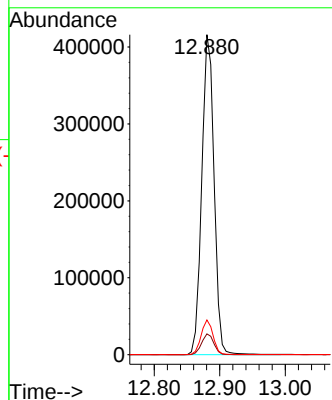
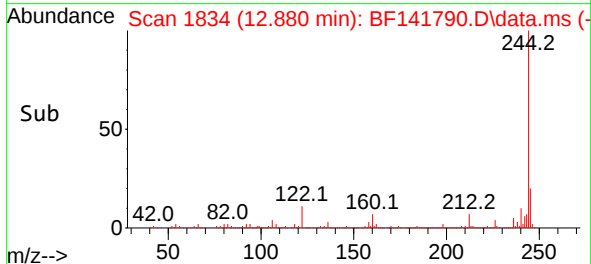


#79
Terphenyl-d14
Concen: 61.406 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

Instrument :
BNA_F
ClientSampleId :
TP-2-WC



Tgt Ion:244 Resp: 542601
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.9 8.4 12.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2260
Delta R.T. -0.029 min
Lab File: BF141790.D
Acq: 26 Feb 2025 18:55

Tgt Ion:264 Resp: 133730
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.7 17.0 25.4

