

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141591.D
 Acq On : 12 Feb 2025 15:42
 Operator : RC/JU
 Sample : Q1343-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7

Quant Time: Feb 12 16:05:47 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	6.786	152	80531	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	320411	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	173184	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	296109	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	168327	20.000	ng	-0.02
86) Perylene-d12	15.398	264	161226	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	683142	132.991	ng	0.01
7) Phenol-d6	6.428	99	844871	130.132	ng	-0.01
23) Nitrobenzene-d5	7.351	82	602946	98.151	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	251891	144.789	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1110511	98.791	ng	0.00
79) Terphenyl-d14	12.892	244	1196107	119.959	ng	-0.01

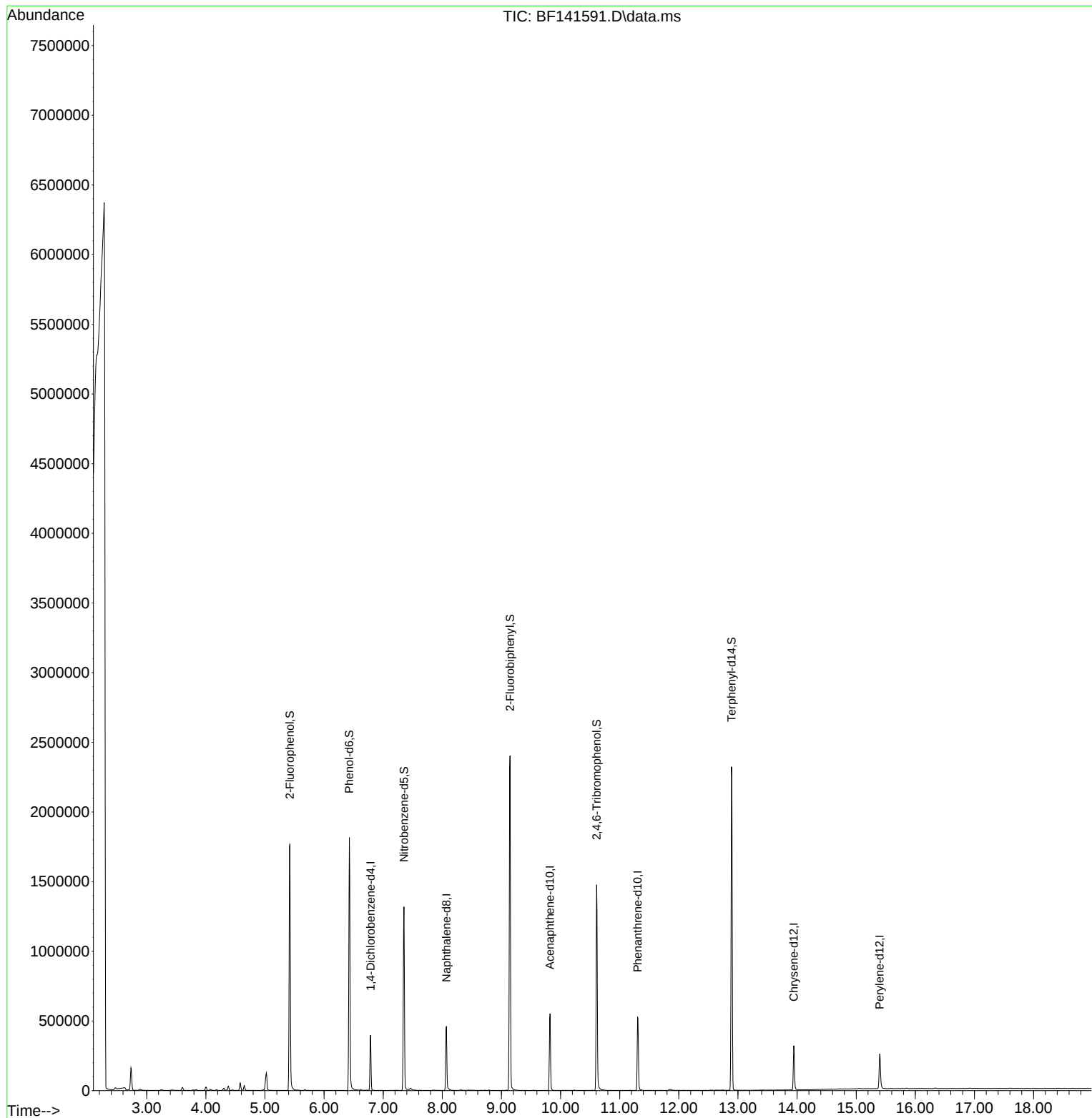
Target Compounds	Qvalue

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

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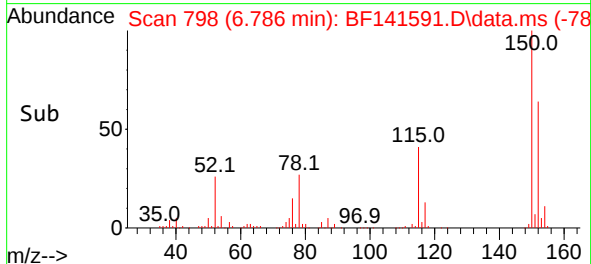
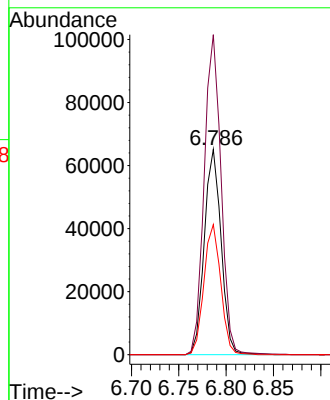
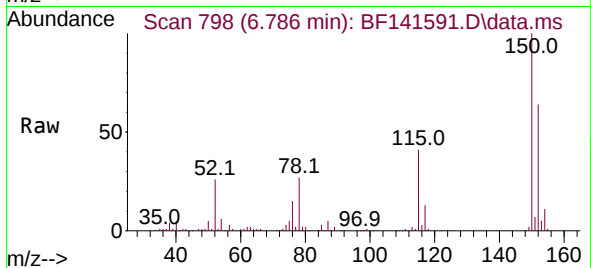




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF141591.D
Acq: 12 Feb 2025 15:42

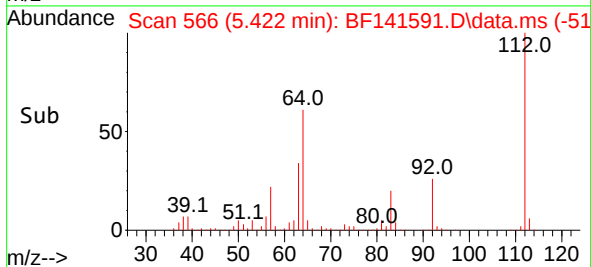
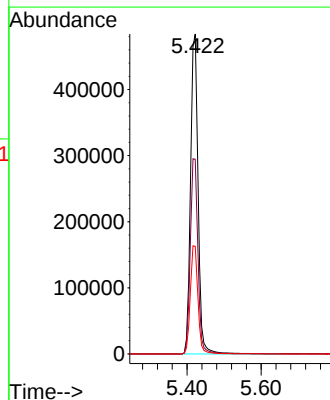
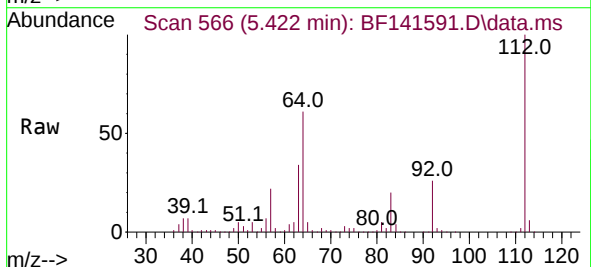
Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion:152 Resp: 80531
Ion Ratio Lower Upper
152 100
150 155.9 125.0 187.4
115 63.3 53.6 80.4



#5
2-Fluorophenol
Concen: 132.991 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141591.D
Acq: 12 Feb 2025 15:42

Tgt Ion:112 Resp: 683142
Ion Ratio Lower Upper
112 100
64 60.8 51.1 76.7
63 33.7 28.4 42.6

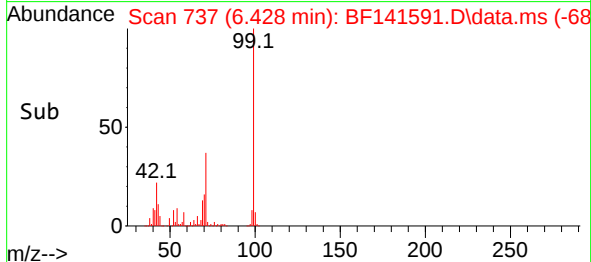
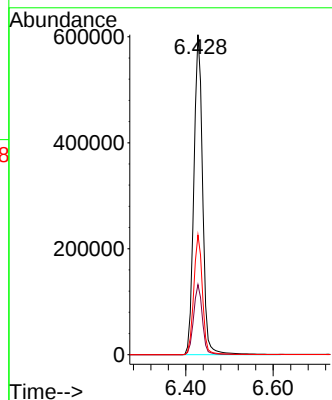
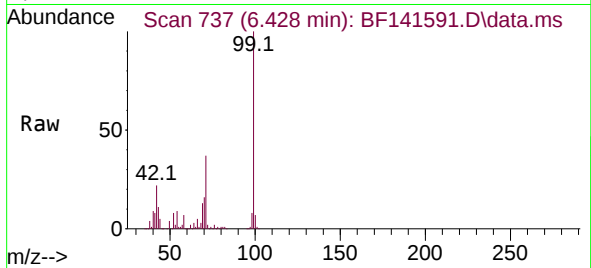




#7
Phenol-d6
Concen: 130.132 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141591.D
Acq: 12 Feb 2025 15:42

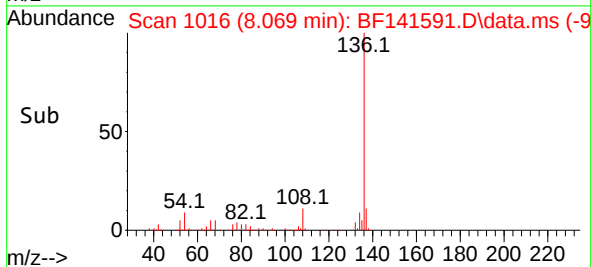
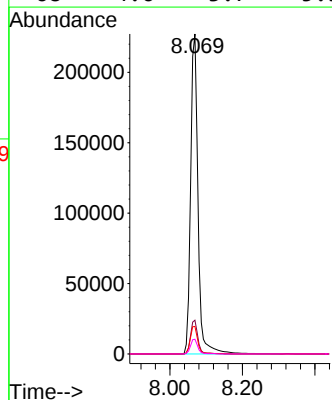
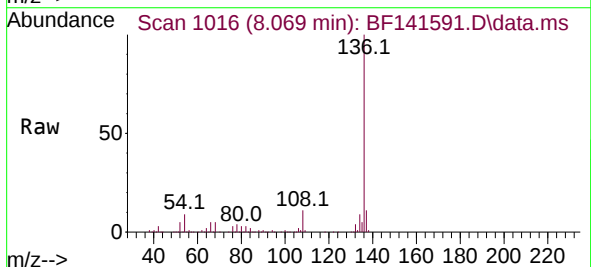
Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion: 99 Resp: 844871
Ion Ratio Lower Upper
99 100
42 21.9 19.1 28.7
71 37.4 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: BF141591.D
Acq: 12 Feb 2025 15:42

Tgt Ion: 136 Resp: 320411
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.6 7.2 10.8
68 4.6 3.7 5.5

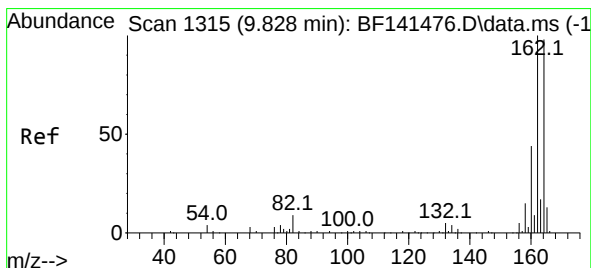
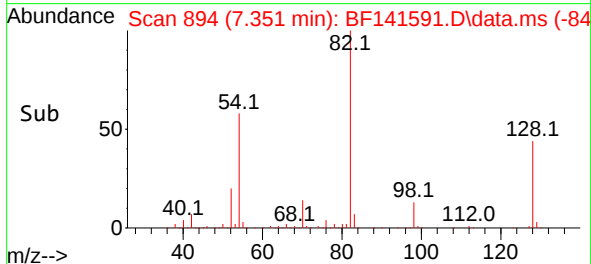
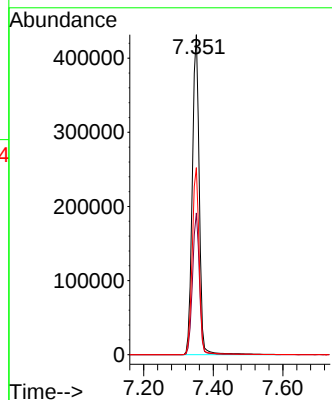
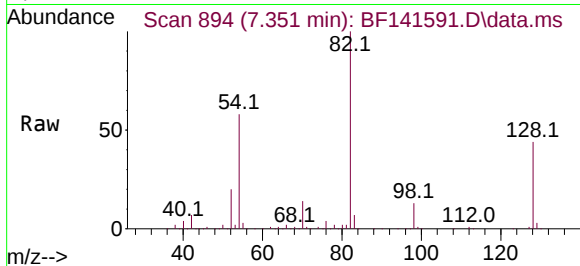




#23
Nitrobenzene-d5
Concen: 98.151 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141591.D
Acq: 12 Feb 2025 15:42

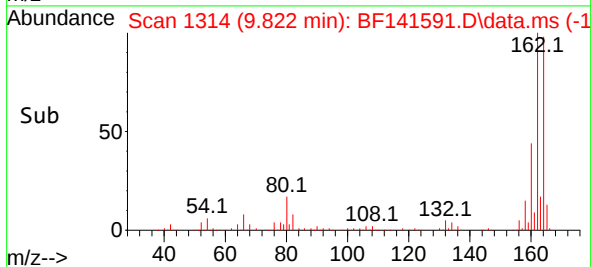
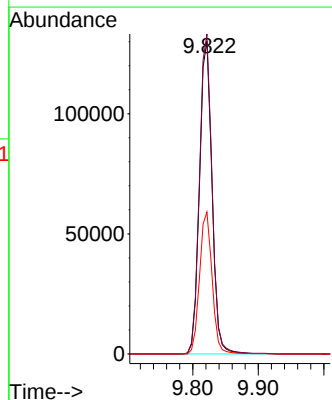
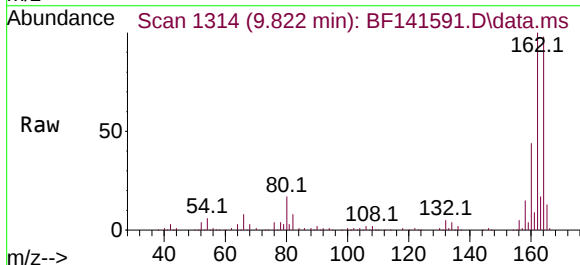
Instrument :
BNA_F
ClientSampleId :
WC-7

Tgt Ion: 82 Resp: 602946
Ion Ratio Lower Upper
82 100
128 44.3 34.8 52.2
54 58.4 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: BF141591.D
Acq: 12 Feb 2025 15:42

Tgt Ion:164 Resp: 173184
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 144.789 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141591.D

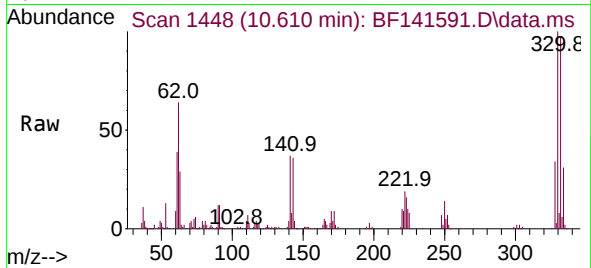
Acq: 12 Feb 2025 15:42

Instrument :

BNA_F

ClientSampleId :

WC-7



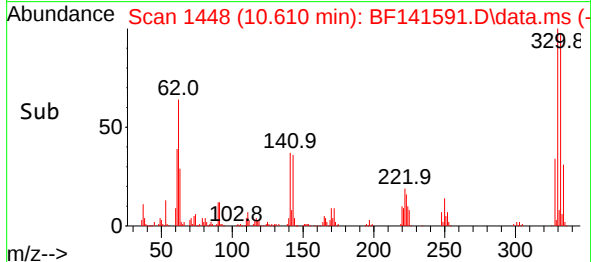
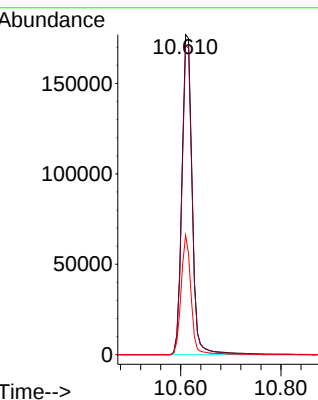
Tgt Ion:330 Resp: 251891

Ion Ratio Lower Upper

330 100

332 96.9 78.5 117.7

141 36.2 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 98.791 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141591.D

Acq: 12 Feb 2025 15:42

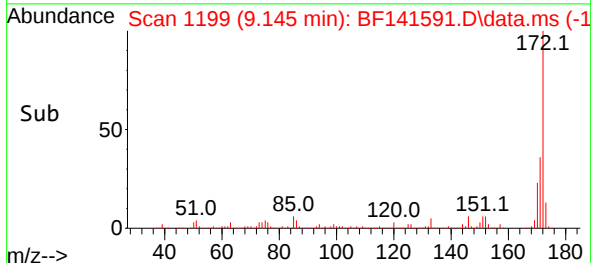
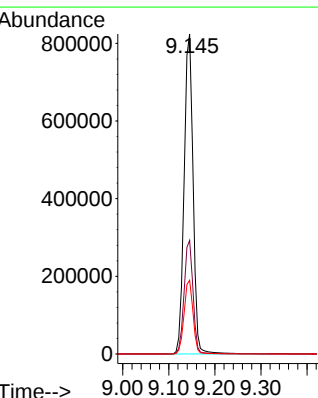
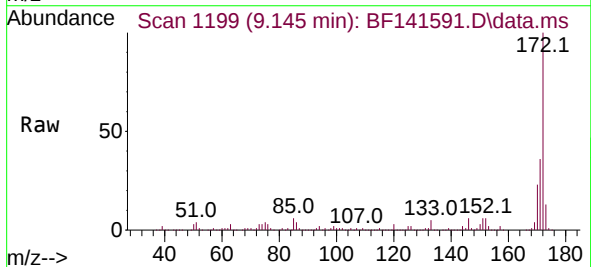
Tgt Ion:172 Resp: 1110511

Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.0 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: BF141591.D

Acq: 12 Feb 2025 15:42

Instrument :

BNA_F

ClientSampleId :

WC-7

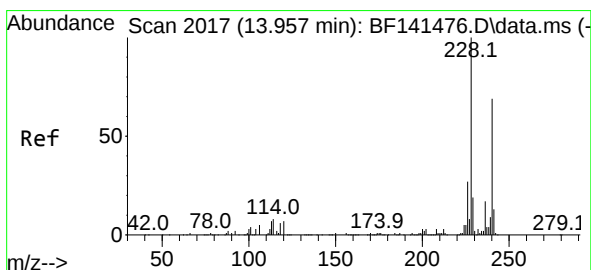
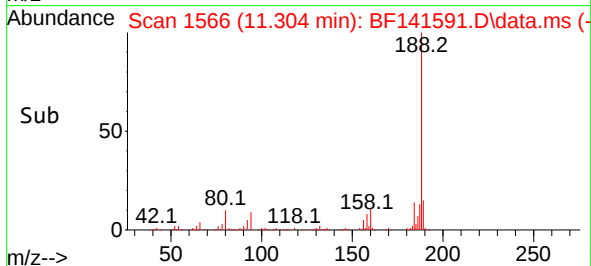
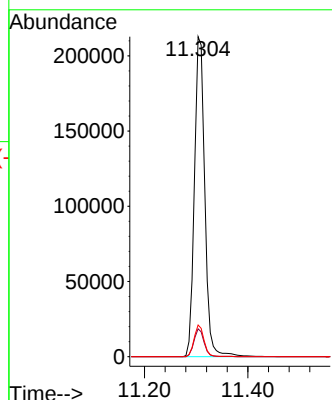
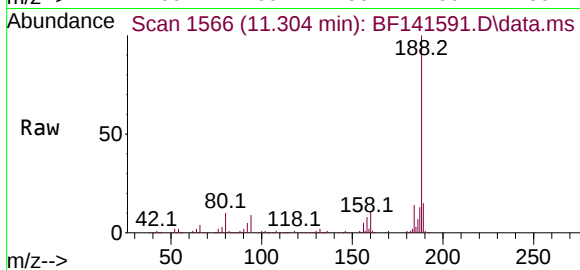
Tgt Ion:188 Resp: 296109

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.9 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: BF141591.D

Acq: 12 Feb 2025 15:42

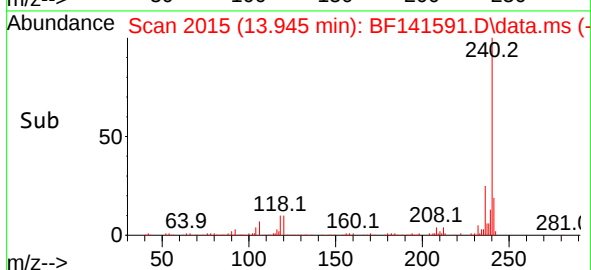
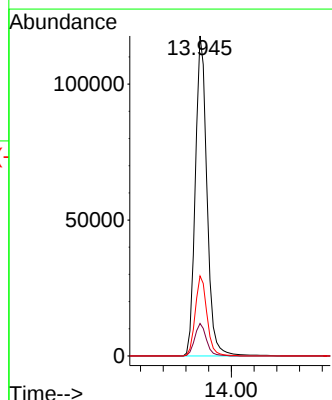
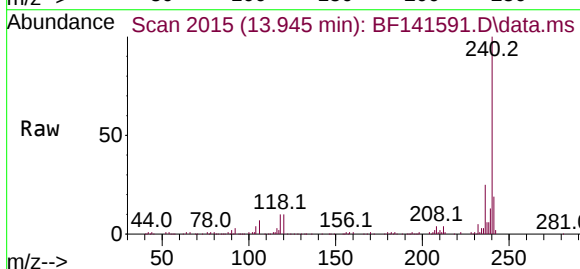
Tgt Ion:240 Resp: 168327

Ion Ratio Lower Upper

240 100

120 10.1 8.0 12.0

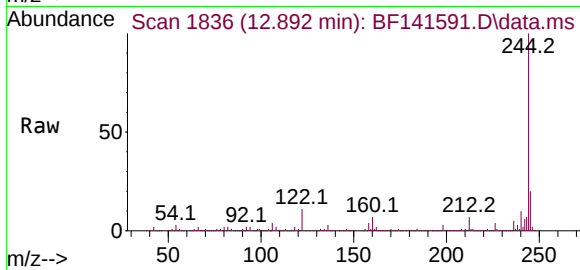
236 25.0 19.8 29.8



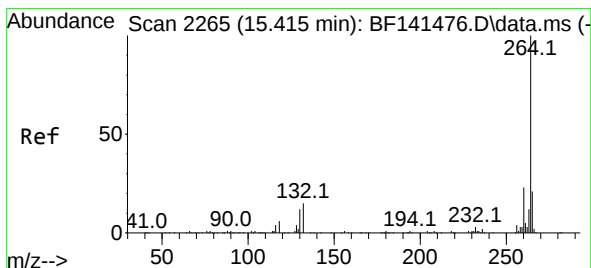
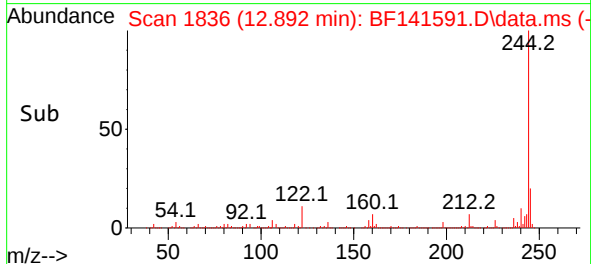
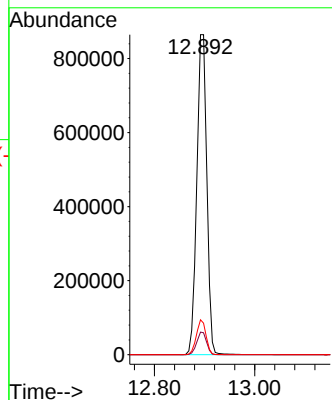


#79
 Terphenyl-d14
 Concen: 119.959 ng
 RT: 12.892 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141591.D
 Acq: 12 Feb 2025 15:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-7



Tgt Ion:244 Resp: 1196107
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.9 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: BF141591.D
 Acq: 12 Feb 2025 15:42

Tgt Ion:264 Resp: 161226
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.6 28.0
 265 21.9 17.0 25.4

