

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
 Data File : BF141560.D
 Acq On : 11 Feb 2025 14:30
 Operator : RC/JU
 Sample : Q1309-24
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

Quant Time: Feb 11 14:50:26 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	78998	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	307022	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	80075	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	215973	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	52401	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	4338	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	634948	126.008	ng	0.01
7) Phenol-d6	6.434	99	411808	64.660	ng	0.00
23) Nitrobenzene-d5	7.351	82	592055	100.581	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	254166	315.974	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1126355	216.711	ng	0.00
79) Terphenyl-d14	12.898	244	788562	254.046	ng	0.00

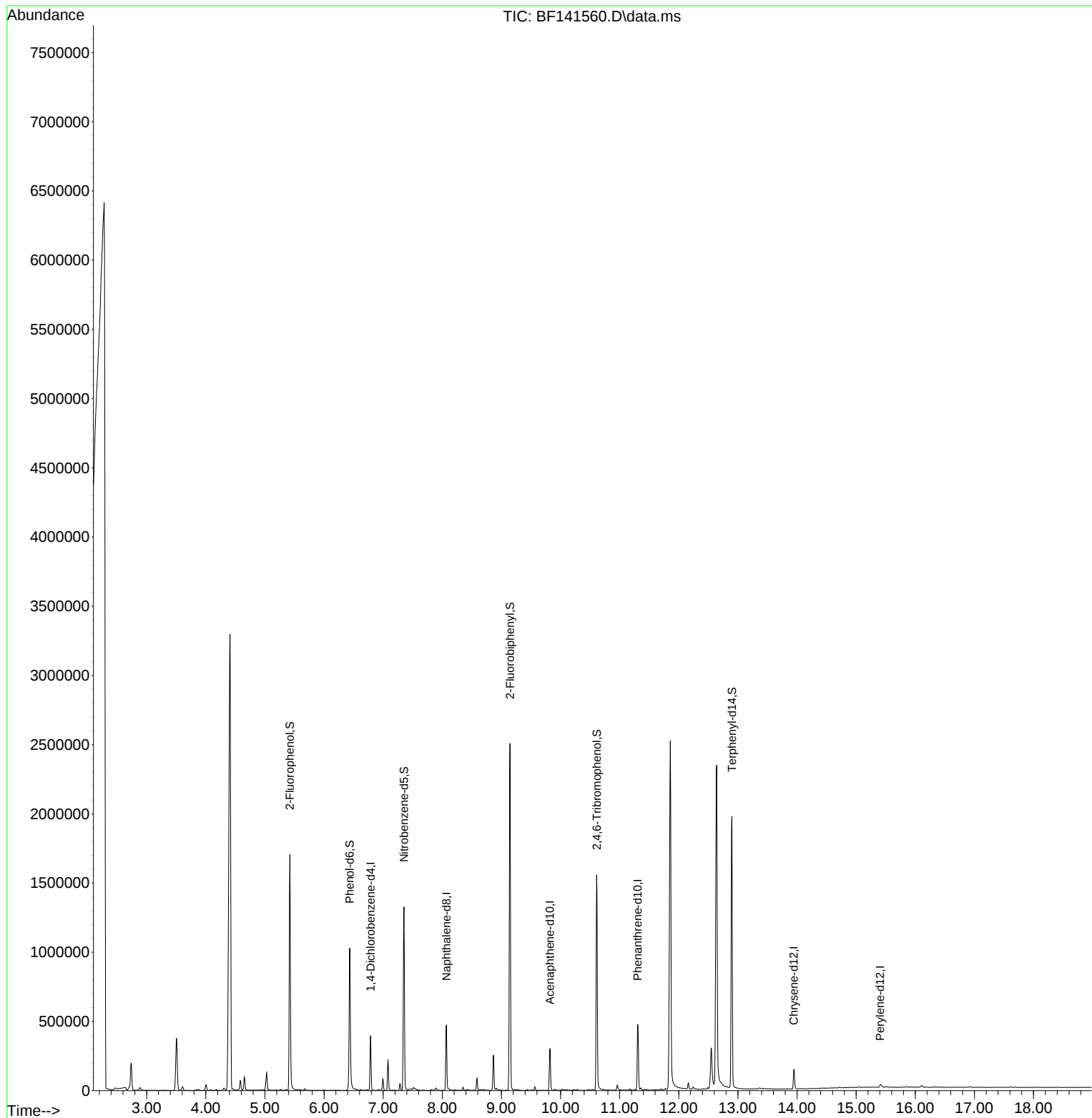
Target Compounds	Qvalue

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

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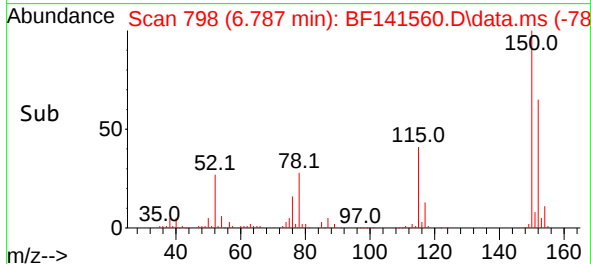
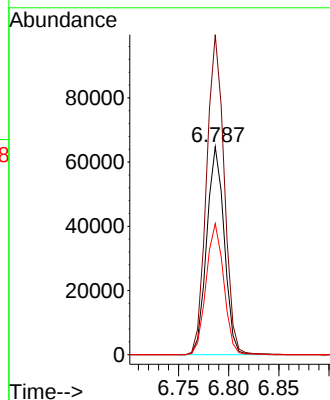
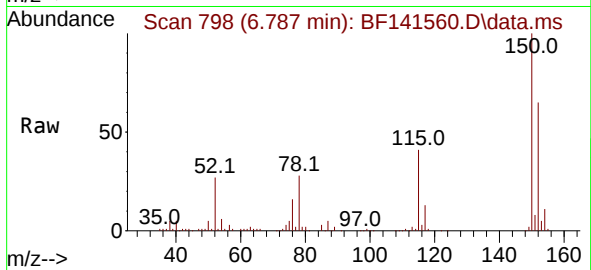




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

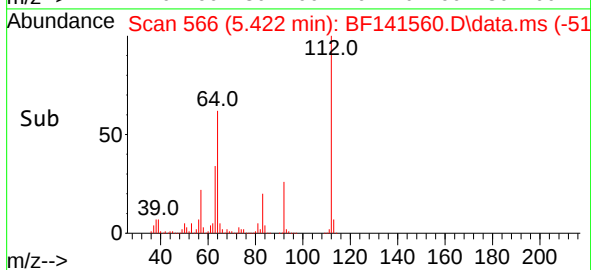
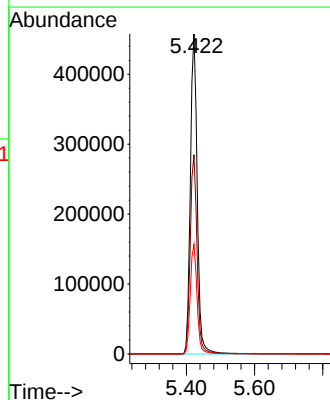
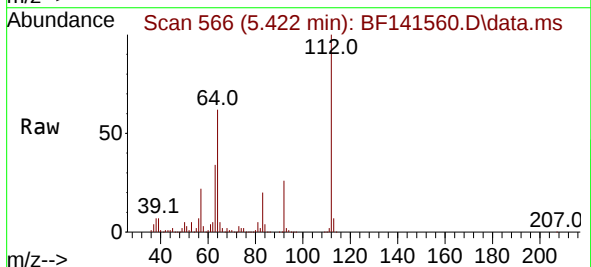
Instrument :
 BNA_F
 ClientSampleId :
 WC-8

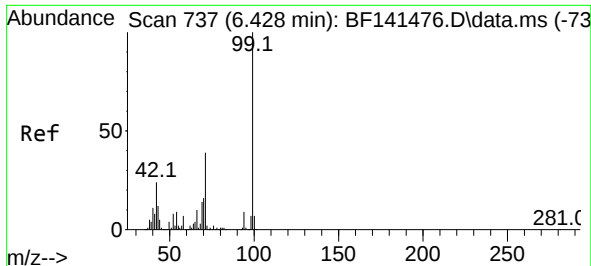
Tgt Ion:152 Resp: 78998
 Ion Ratio Lower Upper
 152 100
 150 153.9 125.0 187.4
 115 63.0 53.6 80.4



#5
 2-Fluorophenol
 Concen: 126.008 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

Tgt Ion:112 Resp: 634948
 Ion Ratio Lower Upper
 112 100
 64 62.3 51.1 76.7
 63 34.3 28.4 42.6

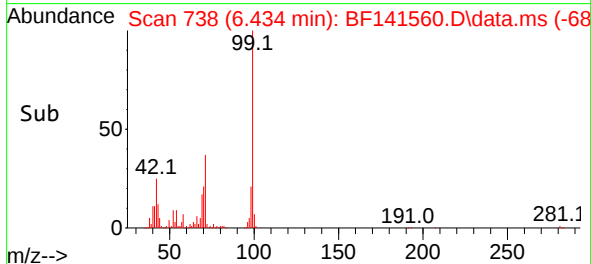
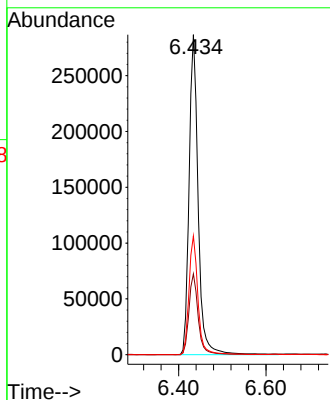
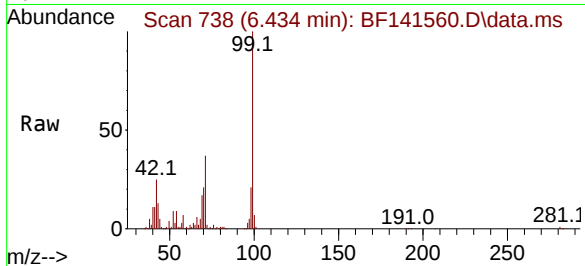




#7
Phenol-d6
Concen: 64.660 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

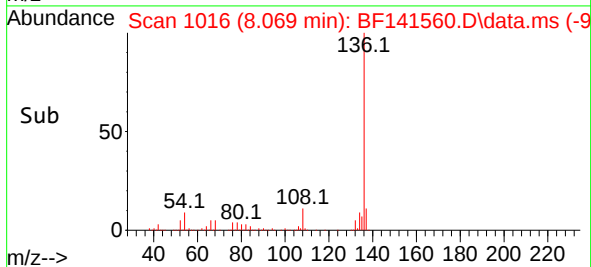
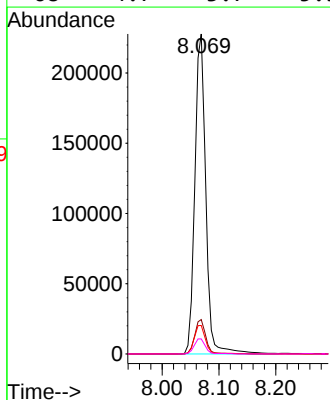
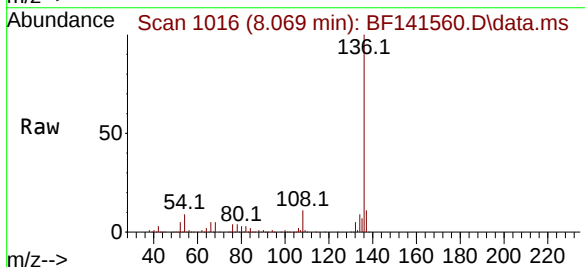
Instrument :
BNA_F
ClientSampleId :
WC-8

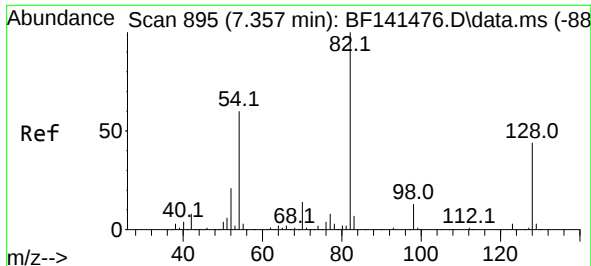
Tgt Ion: 99 Resp: 411808
Ion Ratio Lower Upper
99 100
42 25.2 19.1 28.7
71 37.1 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion: 136 Resp: 307022
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.9 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.581 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141560.D

Acq: 11 Feb 2025 14:30

Instrument :

BNA_F

ClientSampleId :

WC-8

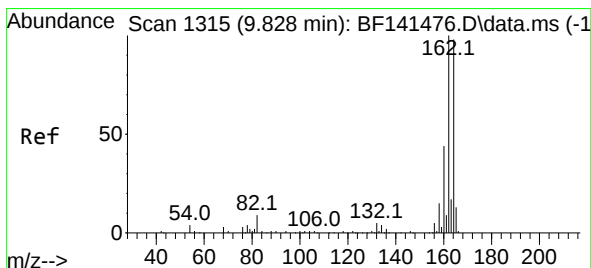
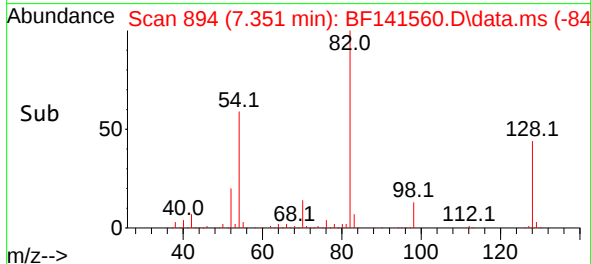
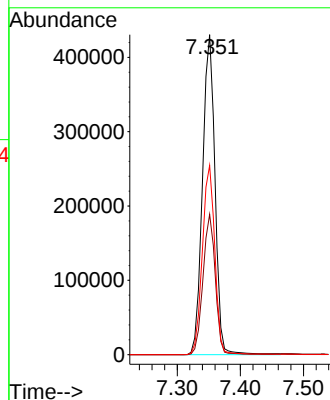
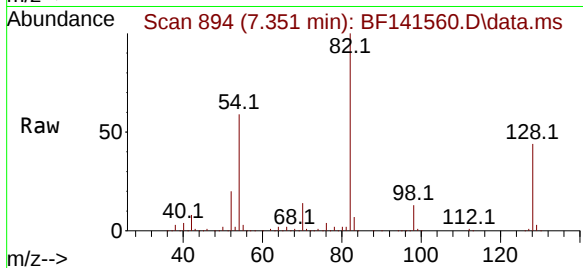
Tgt Ion: 82 Resp: 592055

Ion Ratio Lower Upper

82 100

128 43.8 34.8 52.2

54 59.1 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: BF141560.D

Acq: 11 Feb 2025 14:30

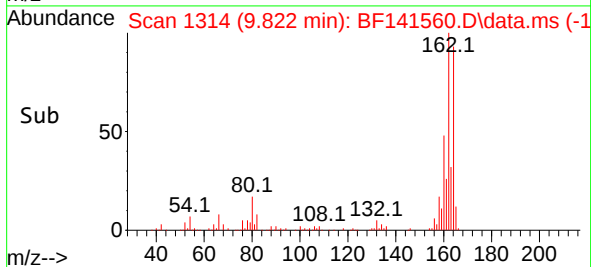
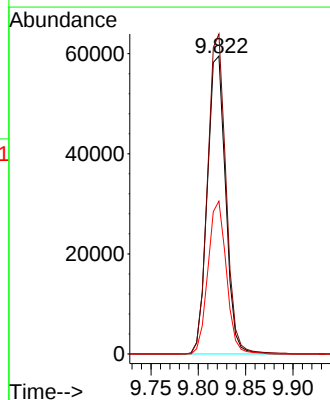
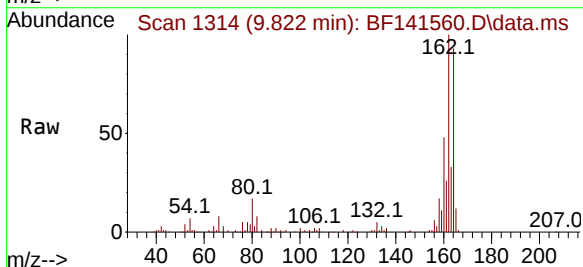
Tgt Ion:164 Resp: 80075

Ion Ratio Lower Upper

164 100

162 107.4 81.3 121.9

160 51.3 35.9 53.9

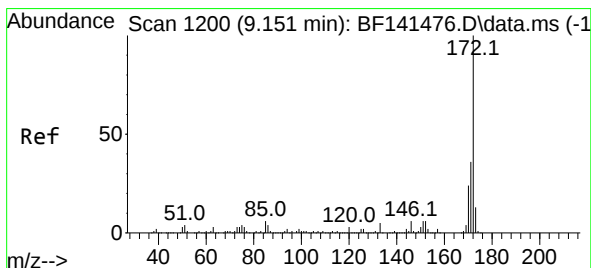
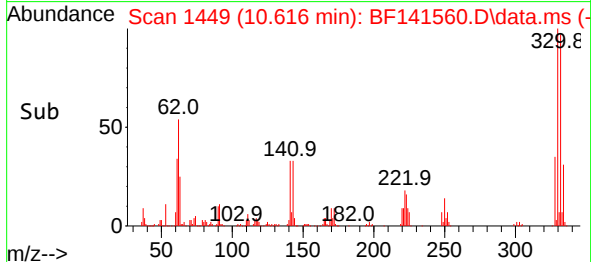
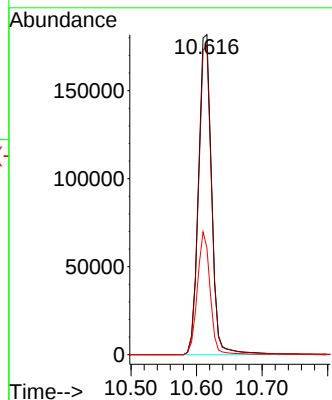
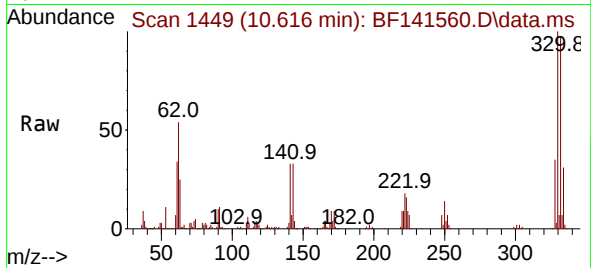




#42
2,4,6-Tribromophenol
Concen: 315.974 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

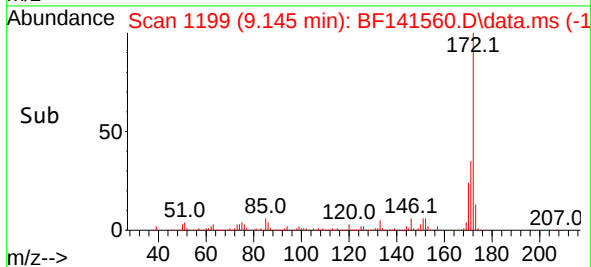
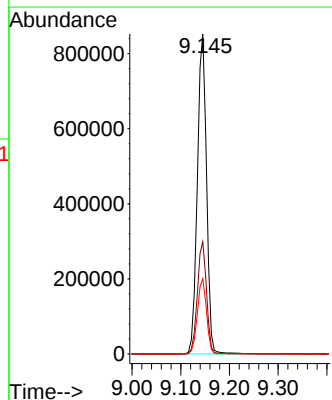
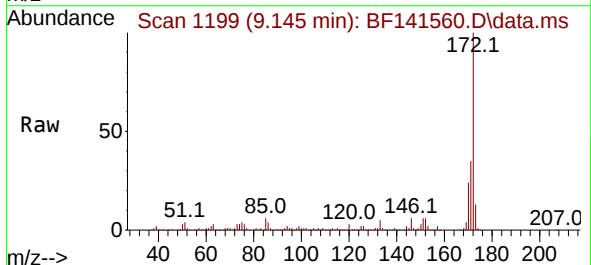
Instrument :
BNA_F
ClientSampleId :
WC-8

Tgt Ion:330 Resp: 254166
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 37.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 216.711 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141560.D
Acq: 11 Feb 2025 14:30

Tgt Ion:172 Resp: 1126355
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.5 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: BF141560.D

Acq: 11 Feb 2025 14:30

Instrument :

BNA_F

ClientSampleId :

WC-8

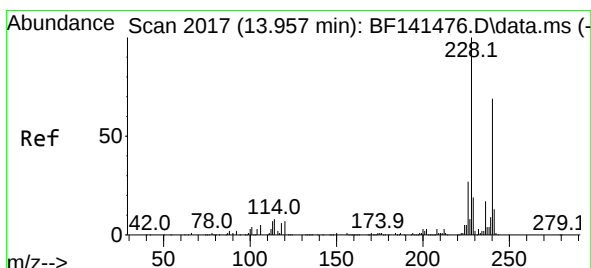
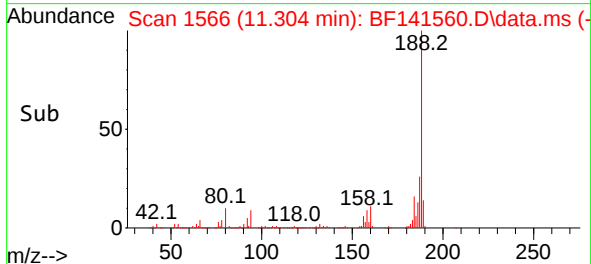
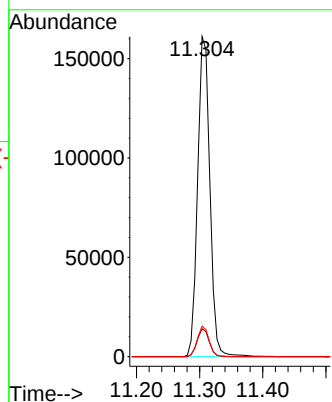
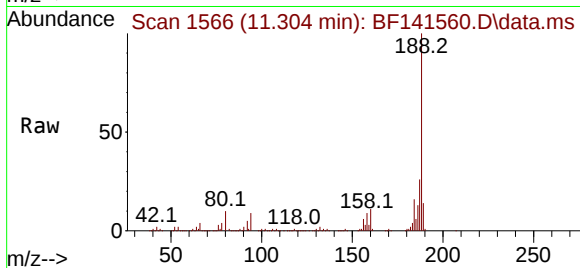
Tgt Ion:188 Resp: 215973

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.5 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: BF141560.D

Acq: 11 Feb 2025 14:30

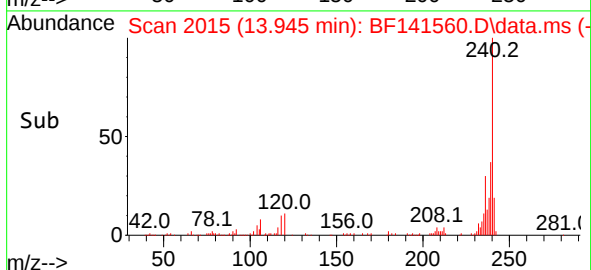
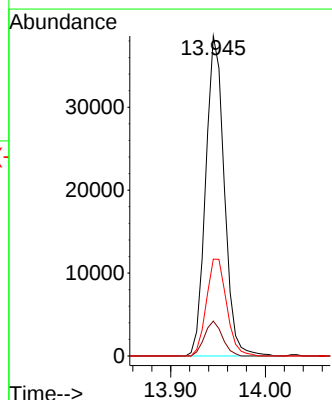
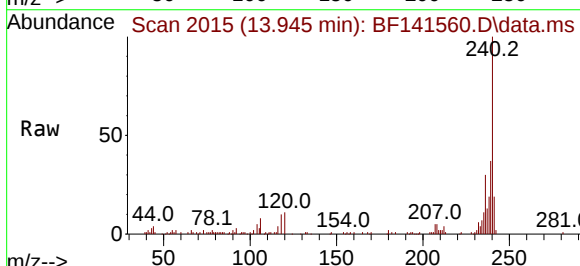
Tgt Ion:240 Resp: 52401

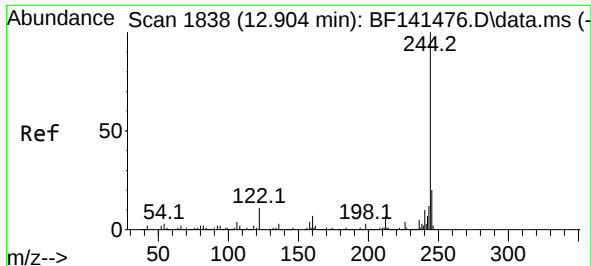
Ion Ratio Lower Upper

240 100

120 10.9 8.0 12.0

236 30.2 19.8 29.8#

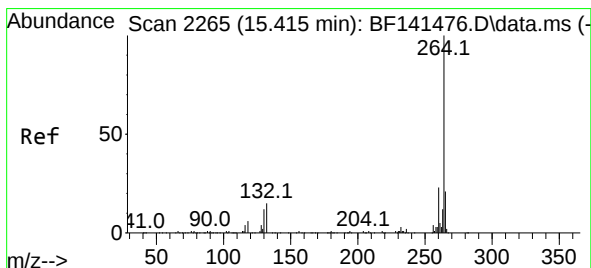
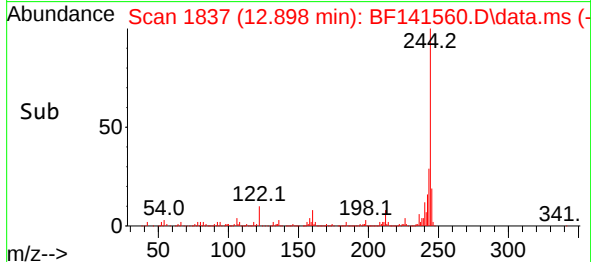
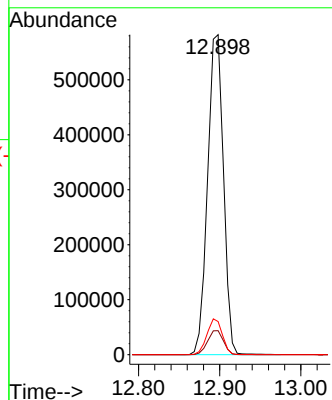
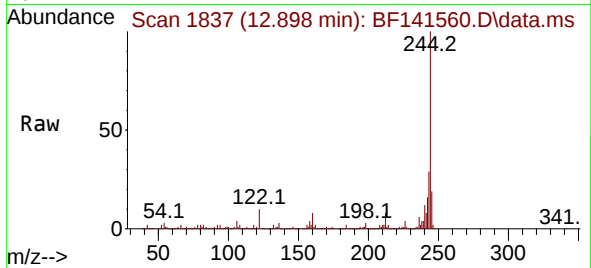




#79
 Terphenyl-d14
 Concen: 254.046 ng
 RT: 12.898 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

Instrument :
 BNA_F
 ClientSampleId :
 WC-8

Tgt Ion:244 Resp: 788562
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 10.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141560.D
 Acq: 11 Feb 2025 14:30

Tgt Ion:264 Resp: 4338
 Ion Ratio Lower Upper
 264 100
 260 44.0 18.6 28.0#
 265 24.4 17.0 25.4

