

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141593.D
 Acq On : 12 Feb 2025 16:35
 Operator : RC/JU
 Sample : Q1343-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

Quant Time: Feb 12 17:00:03 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	80558	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	322860	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	90392	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	256165	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	60430	20.000	ng	#-0.01
86) Perylene-d12	15.410	264	738	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	677523	131.853	ng	0.01
7) Phenol-d6	6.428	99	482282	74.259	ng	-0.01
23) Nitrobenzene-d5	7.351	82	622697	100.597	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	257062	283.099	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	1154555	196.783	ng	0.00
79) Terphenyl-d14	12.892	244	1065067	297.537	ng	-0.01

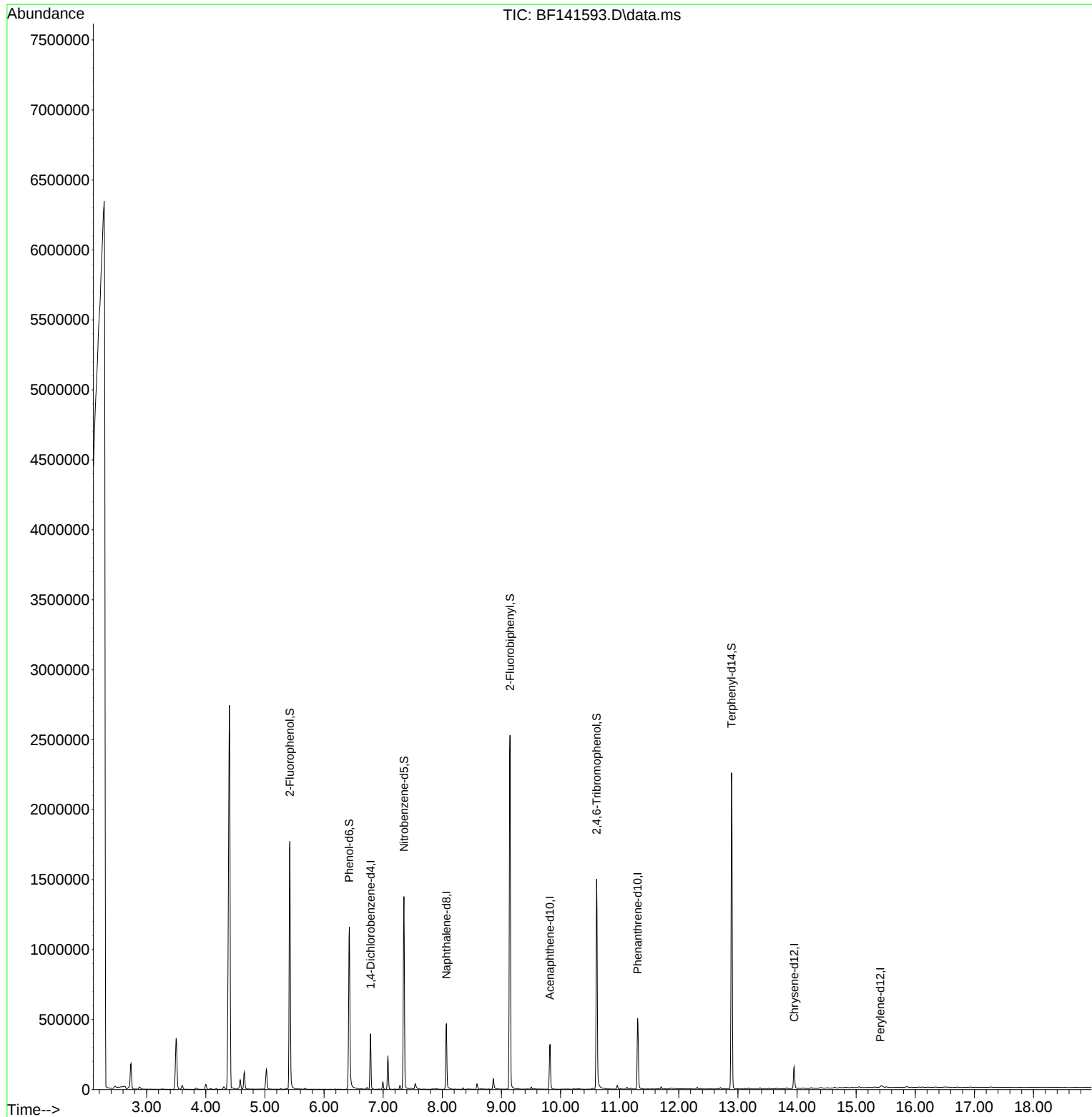
Target Compounds	Qvalue

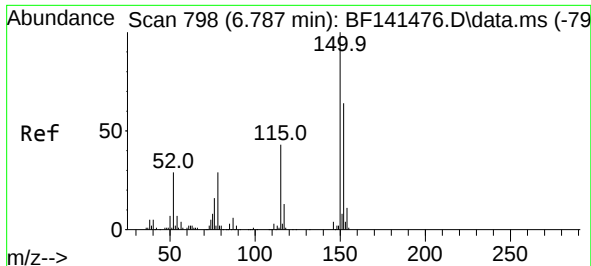
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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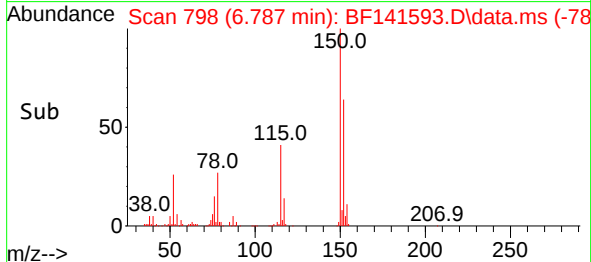
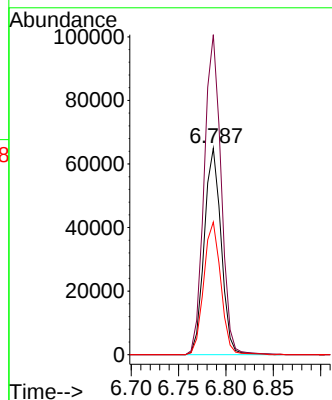
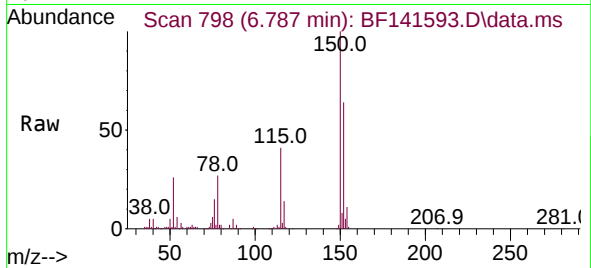




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

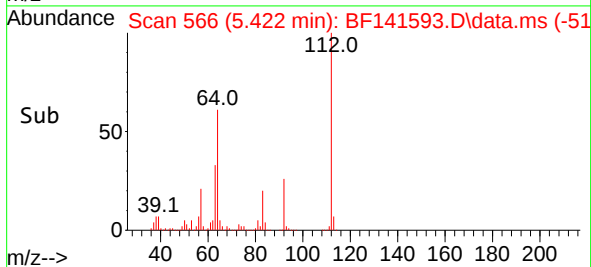
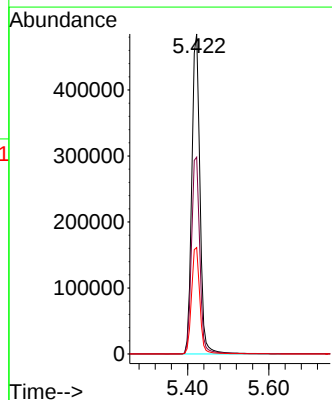
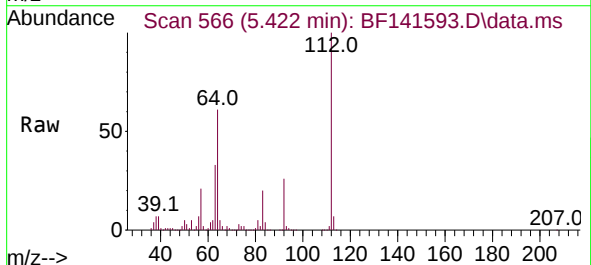
Instrument :
BNA_F
ClientSampleId :
WC-14

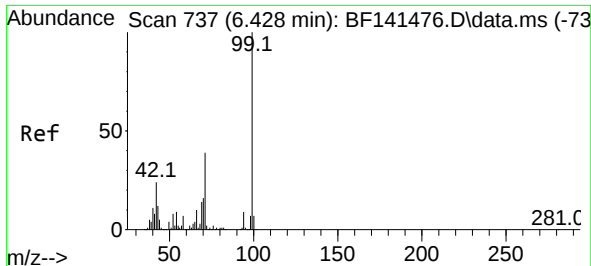
Tgt Ion:152 Resp: 80558
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 64.3 53.6 80.4



#5
2-Fluorophenol
Concen: 131.853 ng
RT: 5.422 min Scan# 566
Delta R.T. 0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion:112 Resp: 677523
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 33.3 28.4 42.6

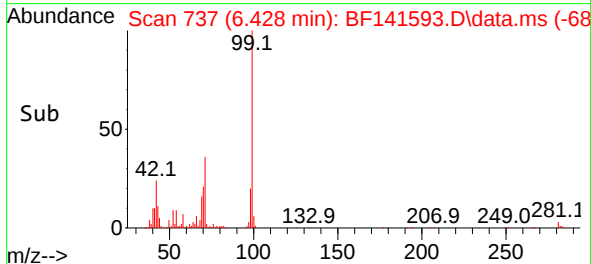
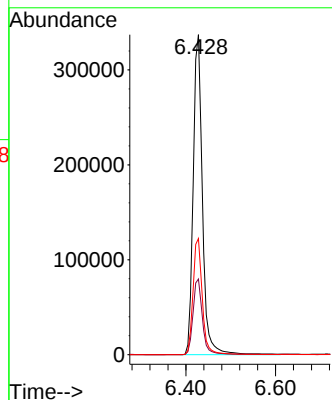
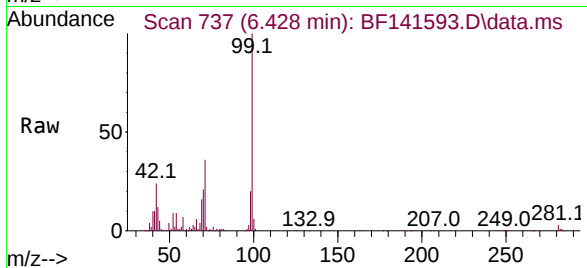




#7
Phenol-d6
Concen: 74.259 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

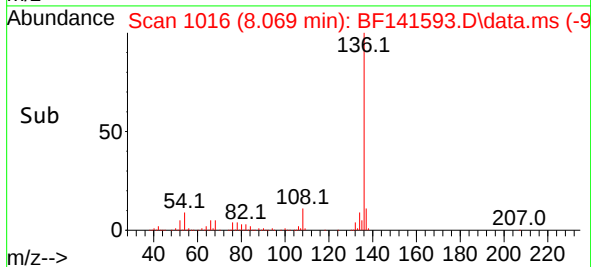
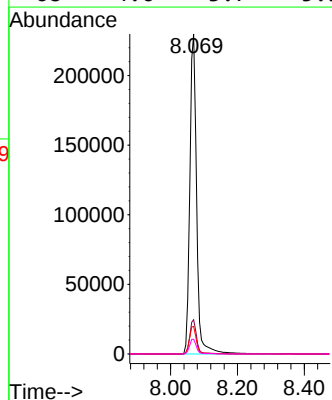
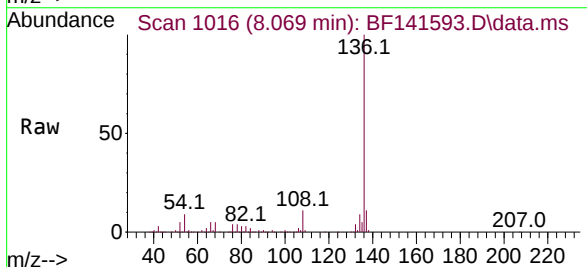
Instrument :
BNA_F
ClientSampleId :
WC-14

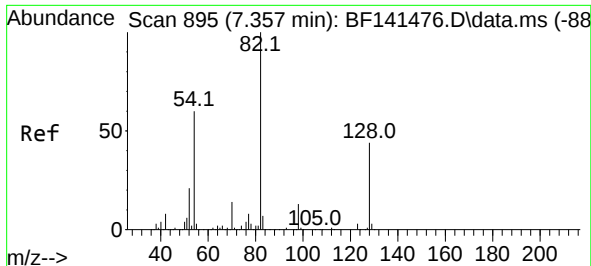
Tgt Ion: 99 Resp: 482282
Ion Ratio Lower Upper
99 100
42 23.6 19.1 28.7
71 36.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141593.D
Acq: 12 Feb 2025 16:35

Tgt Ion: 136 Resp: 322860
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.597 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

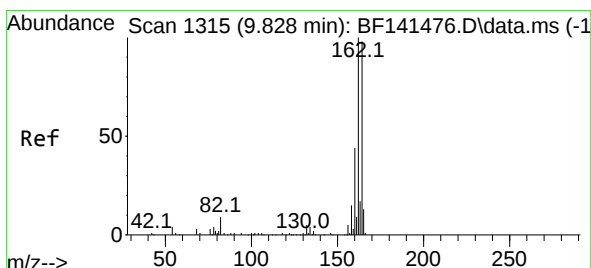
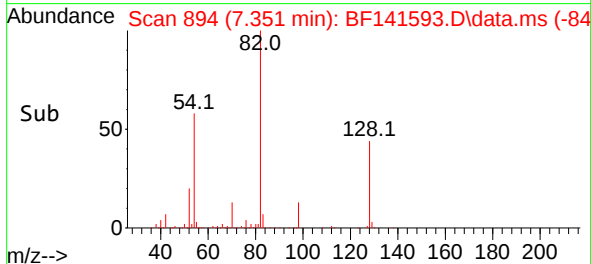
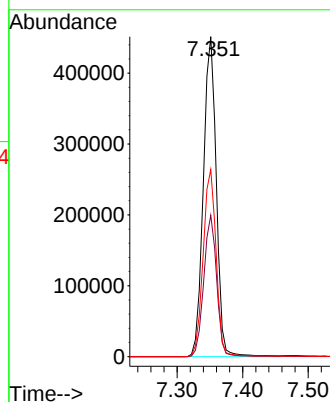
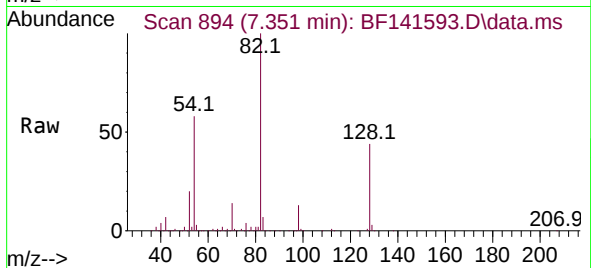
Tgt Ion: 82 Resp: 622697

Ion Ratio Lower Upper

82 100

128 44.2 34.8 52.2

54 58.5 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: BF141593.D

Acq: 12 Feb 2025 16:35

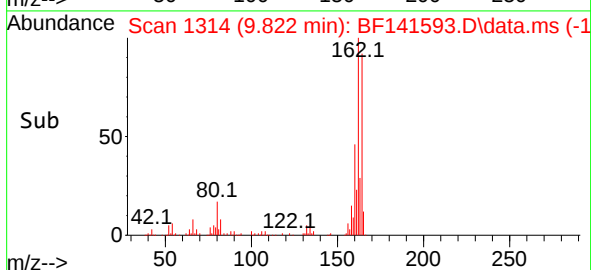
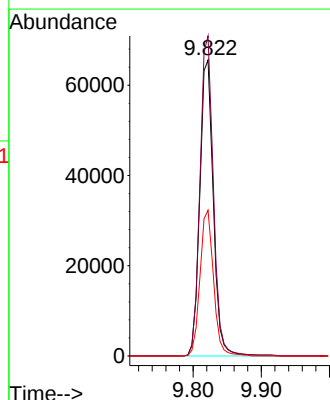
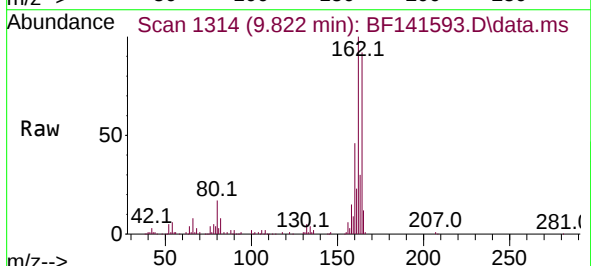
Tgt Ion:164 Resp: 90392

Ion Ratio Lower Upper

164 100

162 108.1 81.3 121.9

160 49.2 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 283.099 ng

RT: 10.610 min Scan# 1199

Delta R.T. -0.017 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

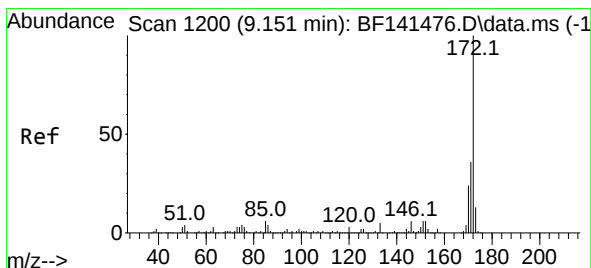
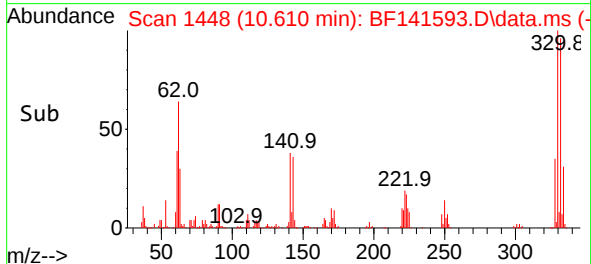
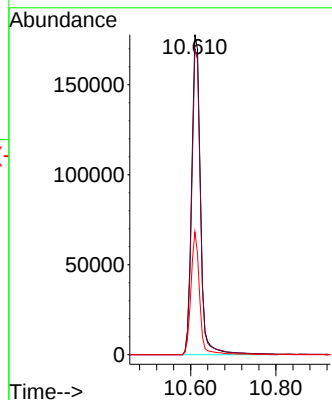
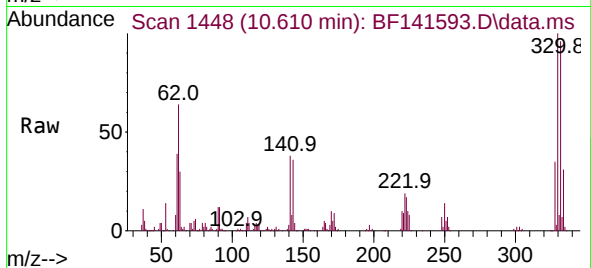
Tgt Ion:330 Resp: 257062

Ion Ratio Lower Upper

330 100

332 95.6 78.5 117.7

141 37.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 196.783 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

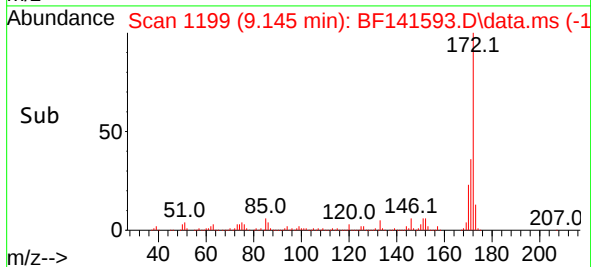
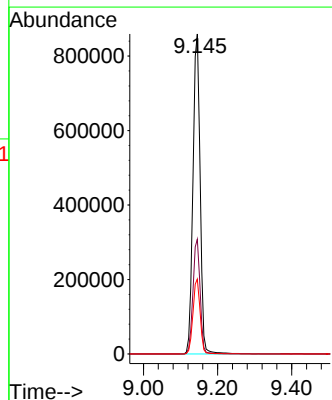
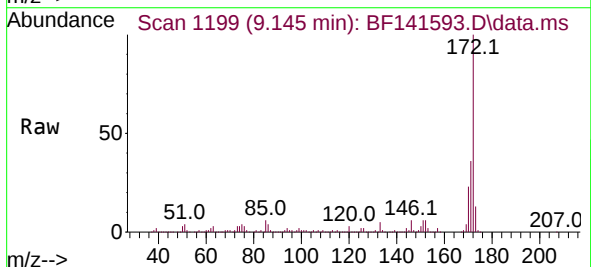
Tgt Ion:172 Resp: 1154555

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.4 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: BF141593.D

Acq: 12 Feb 2025 16:35

Instrument :

BNA_F

ClientSampleId :

WC-14

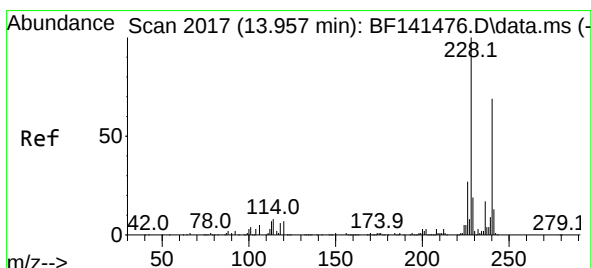
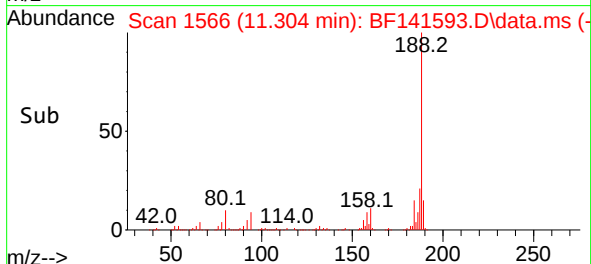
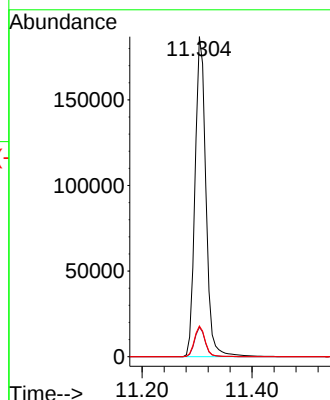
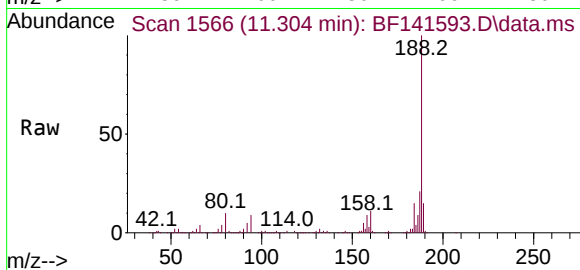
Tgt Ion:188 Resp: 256165

Ion Ratio Lower Upper

188 100

94 9.2 6.6 10.0

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 2016

Delta R.T. -0.012 min

Lab File: BF141593.D

Acq: 12 Feb 2025 16:35

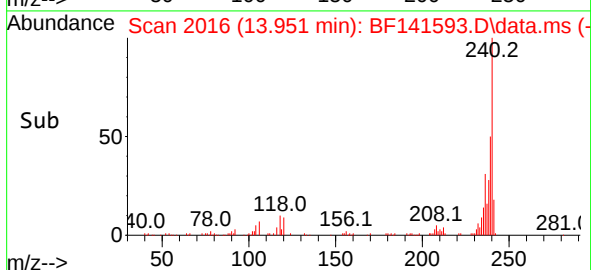
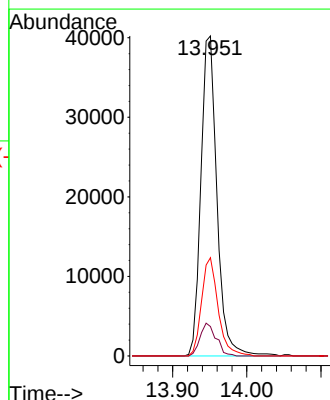
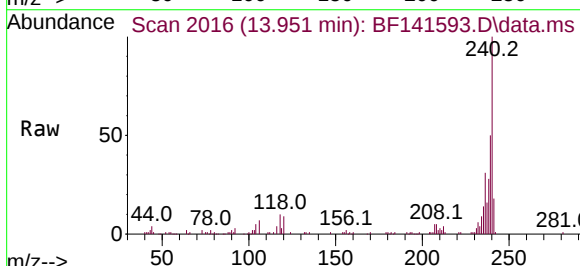
Tgt Ion:240 Resp: 60430

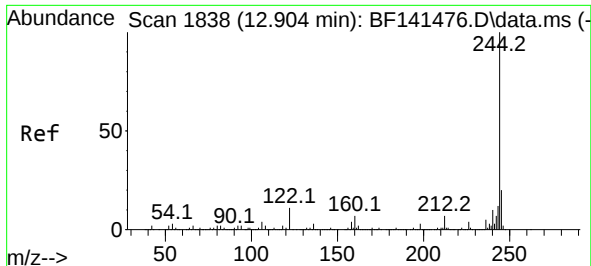
Ion Ratio Lower Upper

240 100

120 9.2 8.0 12.0

236 30.7 19.8 29.8#

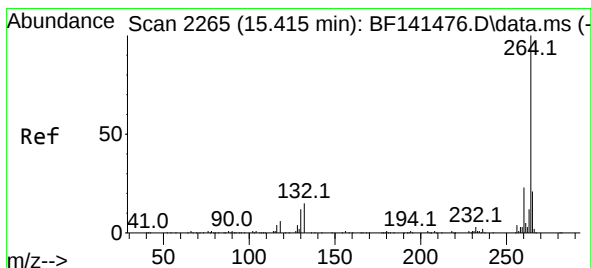
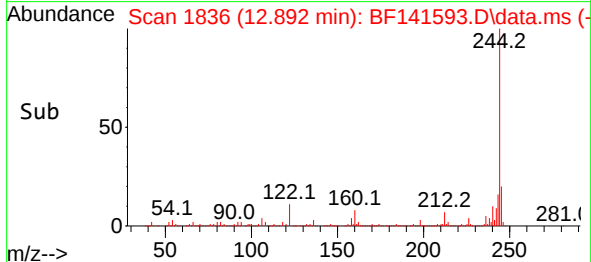
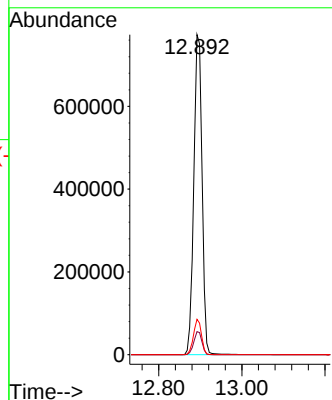
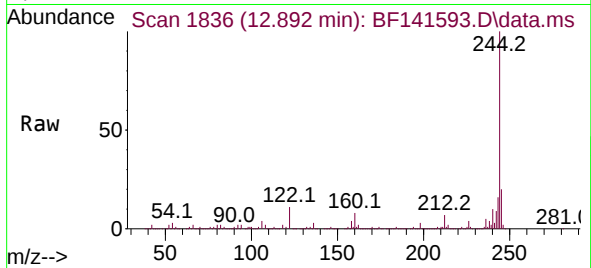




#79
 Terphenyl-d14
 Concen: 297.537 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141593.D
 Acq: 12 Feb 2025 16:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-14

Tgt Ion:244 Resp: 1065067
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 11.0 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: BF141593.D
 Acq: 12 Feb 2025 16:35

Tgt Ion:264 Resp: 738
 Ion Ratio Lower Upper
 264 100
 260 118.1 18.6 28.0#
 265 44.5 17.0 25.4#

