

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
 Data File : BF141590.D
 Acq On : 12 Feb 2025 15:16
 Operator : RC/JU
 Sample : Q1343-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-10

Quant Time: Feb 12 15:55:02 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	77583	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	308789	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	167772	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	287278	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	164033	20.000	ng	-0.01
86) Perylene-d12	15.421	264	154118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	713179	144.114	ng	0.00
7) Phenol-d6	6.428	99	854889	136.678	ng	-0.01
23) Nitrobenzene-d5	7.351	82	589837	99.631	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	247469	146.836	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1067932	98.068	ng	0.00
79) Terphenyl-d14	12.892	244	1190004	122.471	ng	-0.01

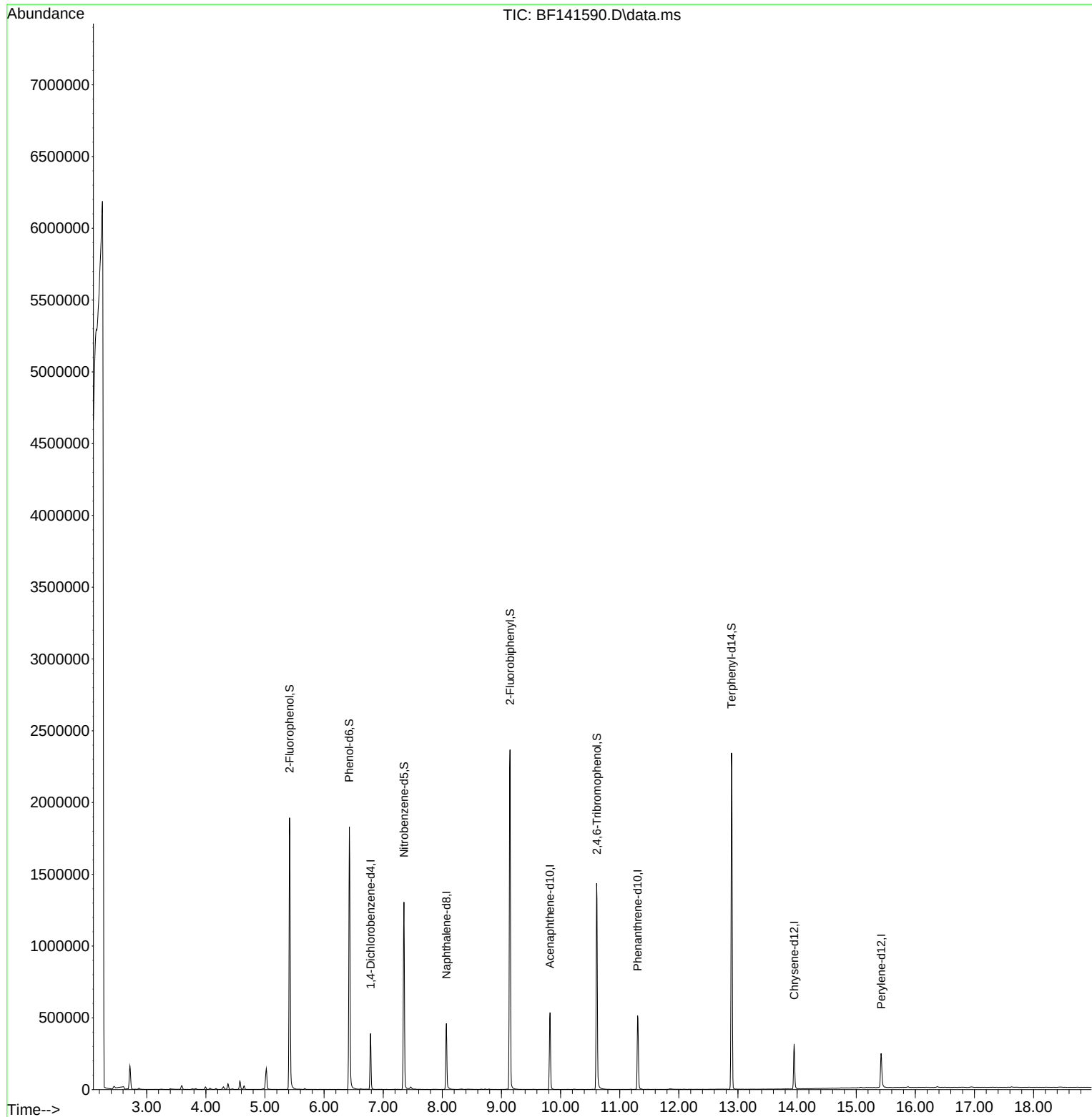
Target Compounds	Qvalue

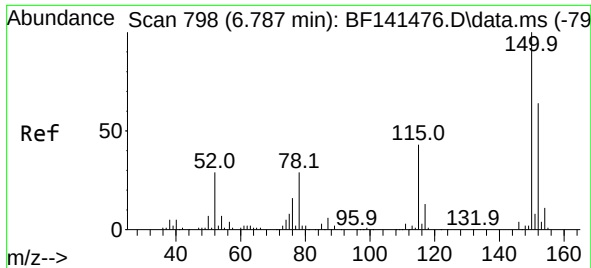
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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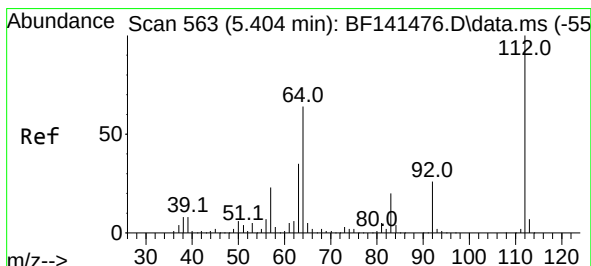
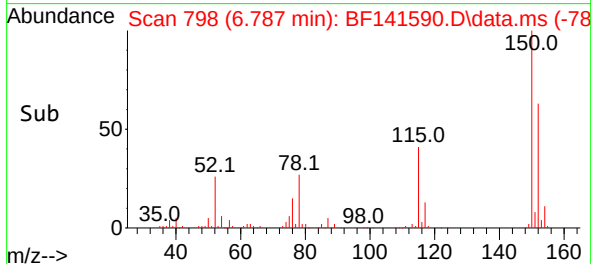
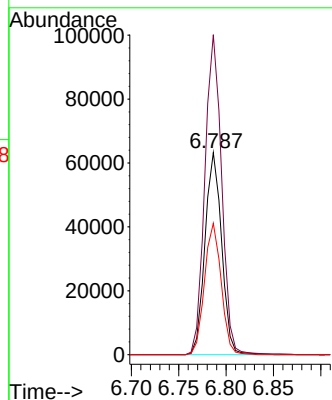
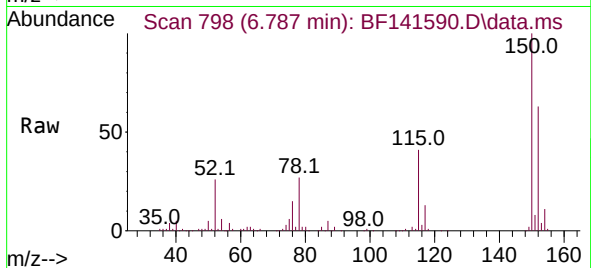




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

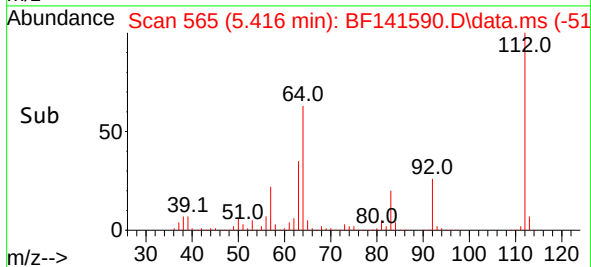
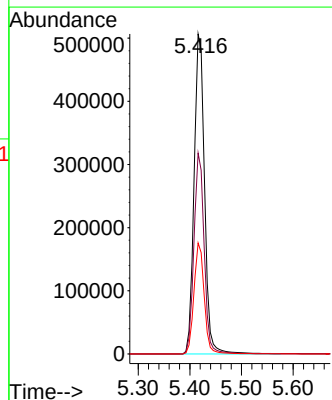
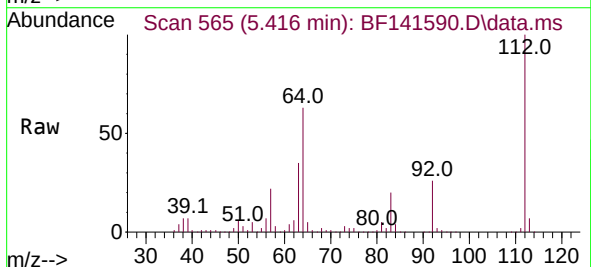
Instrument :
BNA_F
ClientSampleId :
WC-10

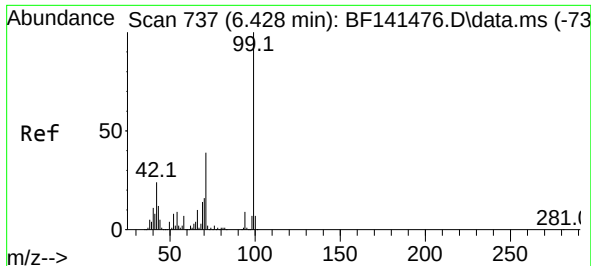
Tgt Ion:152 Resp: 77583
Ion Ratio Lower Upper
152 100
150 158.3 125.0 187.4
115 65.0 53.6 80.4



#5
2-Fluorophenol
Concen: 144.114 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion:112 Resp: 713179
Ion Ratio Lower Upper
112 100
64 62.8 51.1 76.7
63 34.7 28.4 42.6

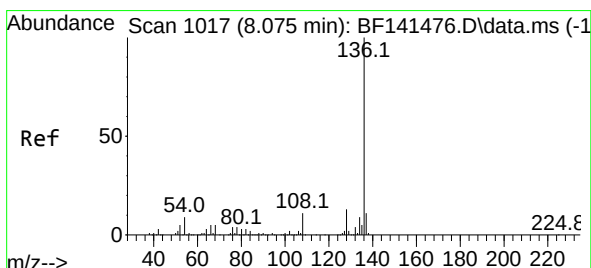
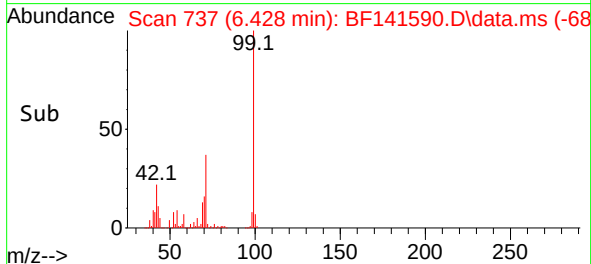
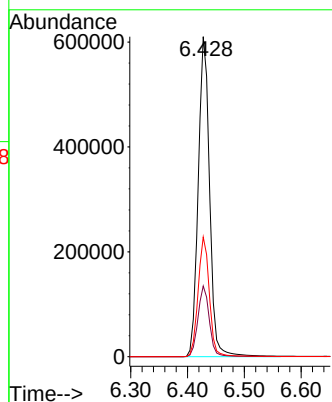
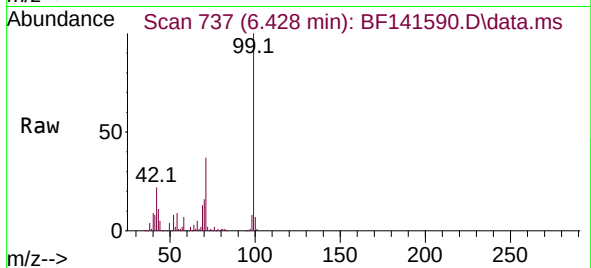




#7
Phenol-d6
Concen: 136.678 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

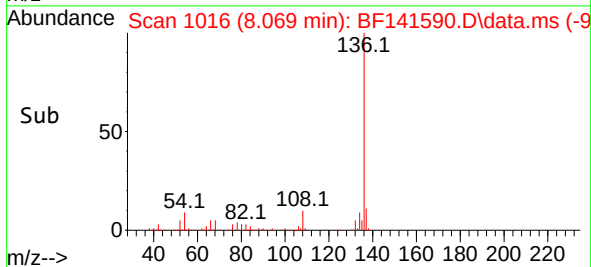
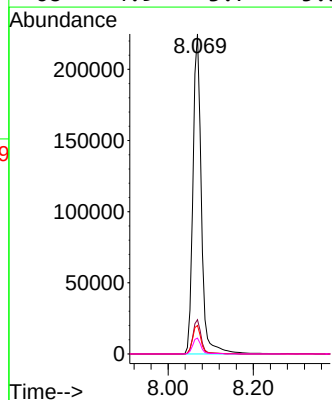
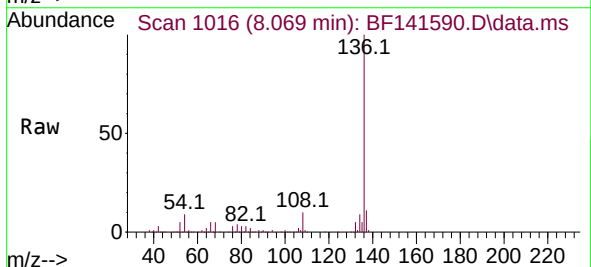
Instrument :
BNA_F
ClientSampleId :
WC-10

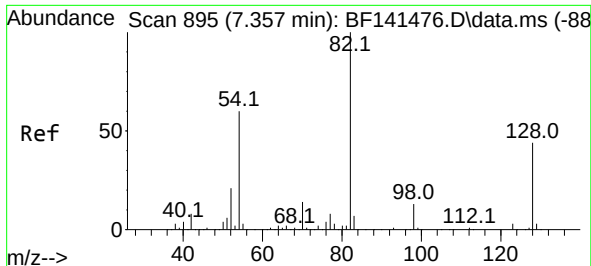
Tgt Ion: 99 Resp: 854889
Ion Ratio Lower Upper
99 100
42 22.1 19.1 28.7
71 37.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion: 136 Resp: 308789
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.9 7.2 10.8
68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 99.631 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141590.D

Acq: 12 Feb 2025 15:16

Instrument :

BNA_F

ClientSampleId :

WC-10

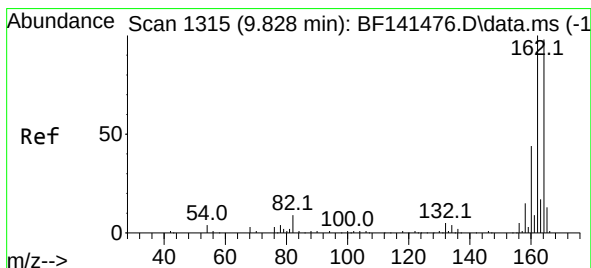
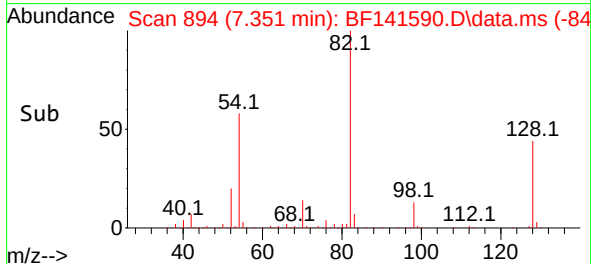
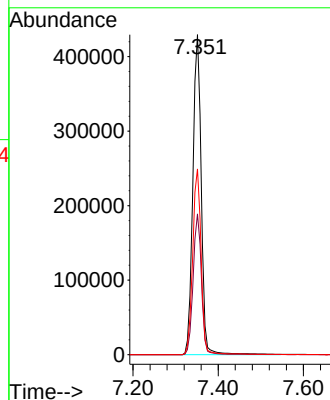
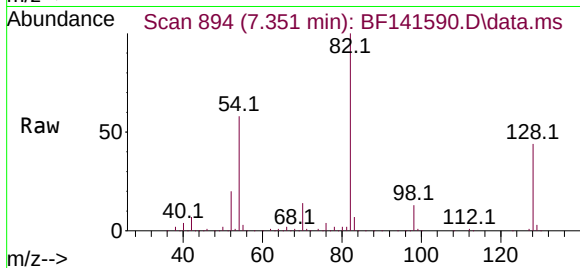
Tgt Ion: 82 Resp: 589837

Ion Ratio Lower Upper

82 100

128 44.0 34.8 52.2

54 58.0 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: BF141590.D

Acq: 12 Feb 2025 15:16

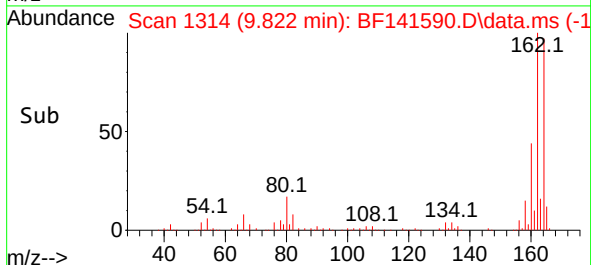
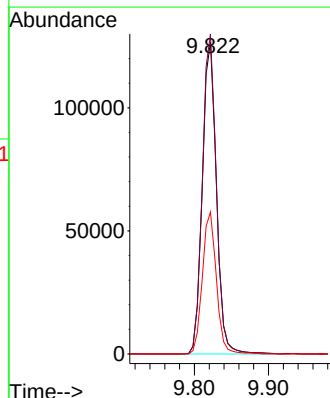
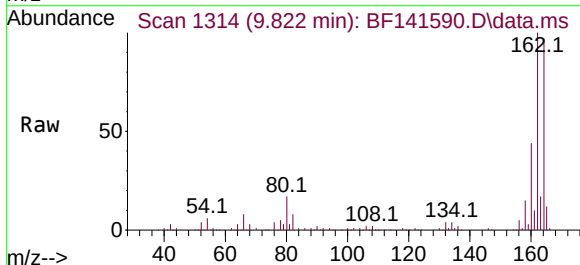
Tgt Ion:164 Resp: 167772

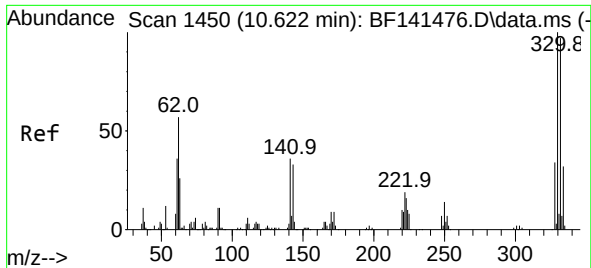
Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.5 35.9 53.9

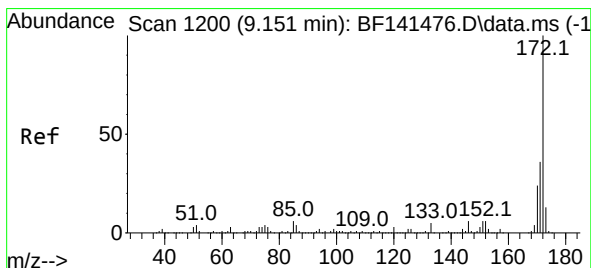
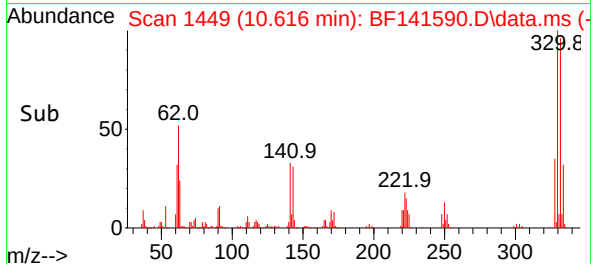
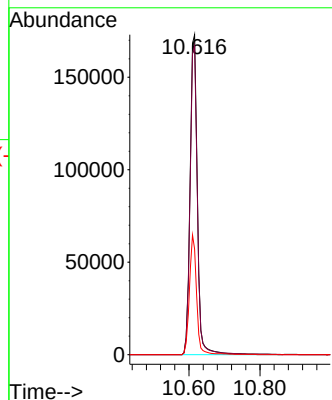
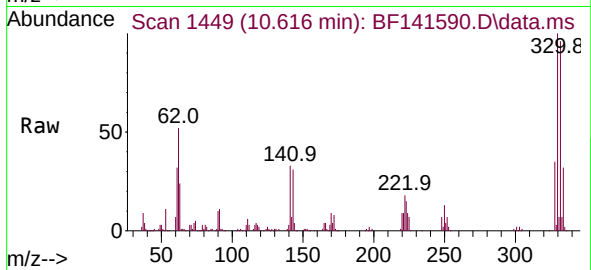




#42
2,4,6-Tribromophenol
Concen: 146.836 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

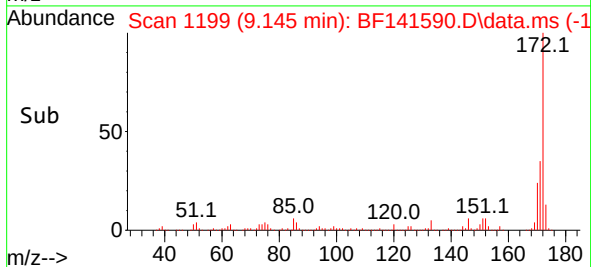
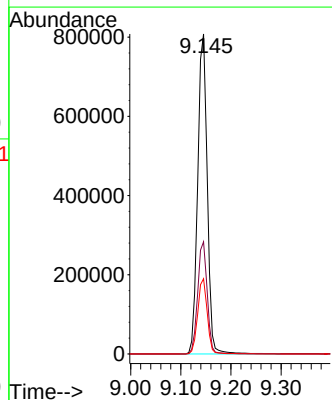
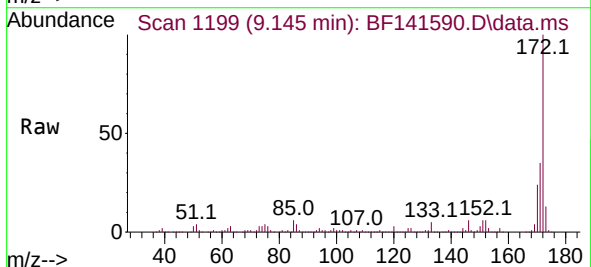
Instrument :
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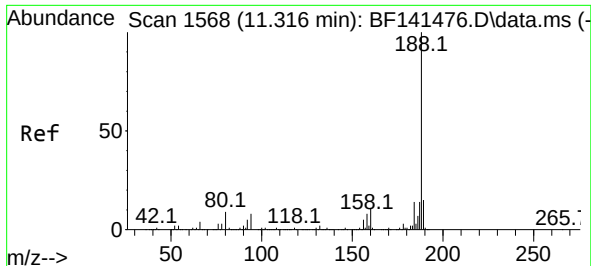
Tgt Ion:330 Resp: 247469
Ion Ratio Lower Upper
330 100
332 96.2 78.5 117.7
141 36.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 98.068 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

Tgt Ion:172 Resp: 1067932
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.5 18.9 28.3

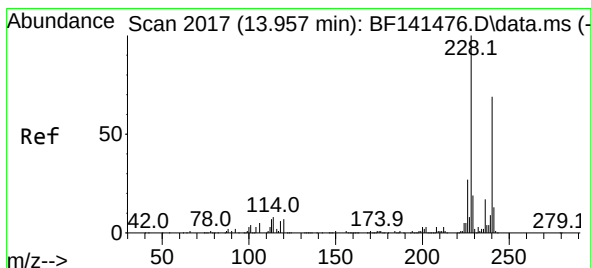
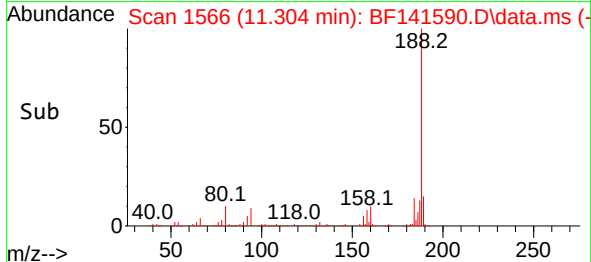
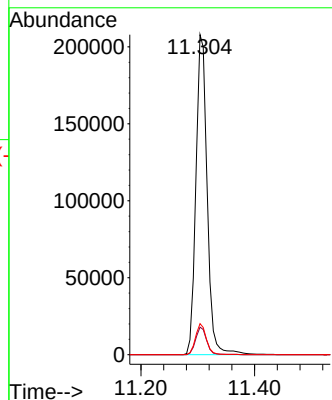
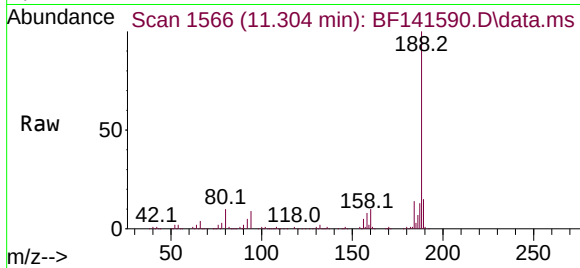




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

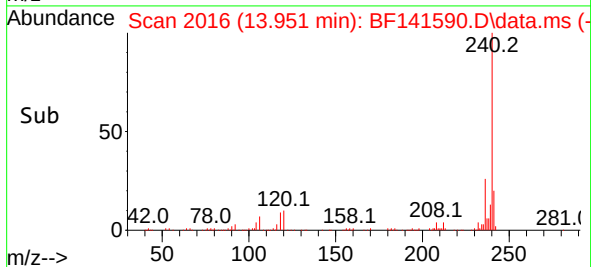
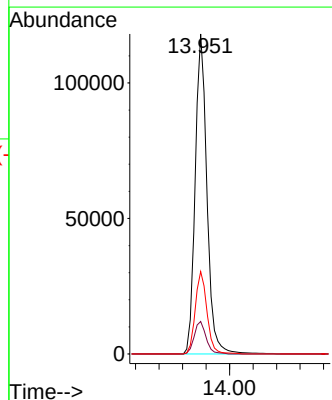
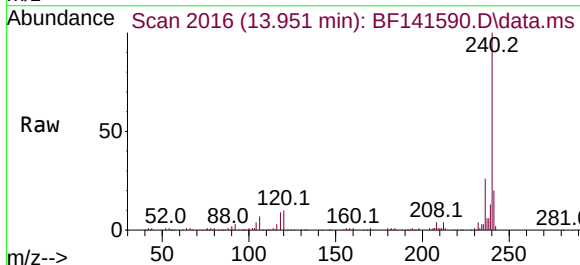
Instrument :
BNA_F
ClientSampleId :
WC-10

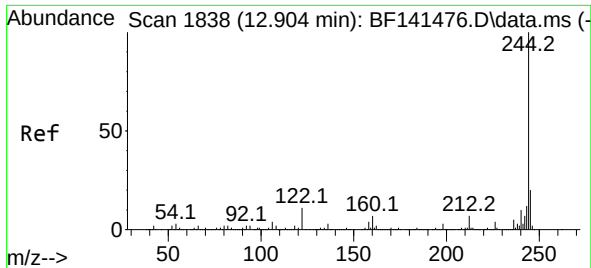
Tgt Ion:188 Resp: 287278
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.7 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141590.D
Acq: 12 Feb 2025 15:16

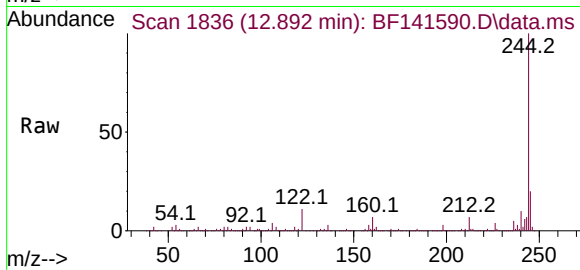
Tgt Ion:240 Resp: 164033
Ion Ratio Lower Upper
240 100
120 10.2 8.0 12.0
236 25.8 19.8 29.8



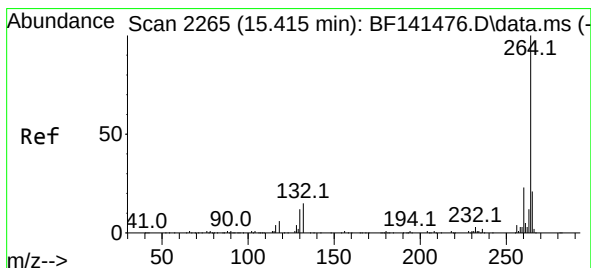
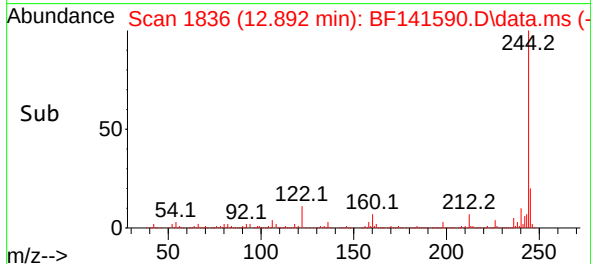
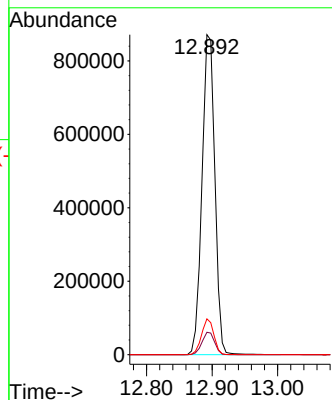


#79
 Terphenyl-d14
 Concen: 122.471 ng
 RT: 12.892 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

Instrument :
 BNA_F
 ClientSampleId :
 WC-10



Tgt Ion:244 Resp: 1190004
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.2 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF141590.D
 Acq: 12 Feb 2025 15:16

Tgt Ion:264 Resp: 154118
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.5 17.0 25.4

