

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140399.D
 Acq On : 15 Nov 2024 13:18
 Operator : RC/JU
 Sample : P4799-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-01-C

Quant Time: Nov 15 14:04:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

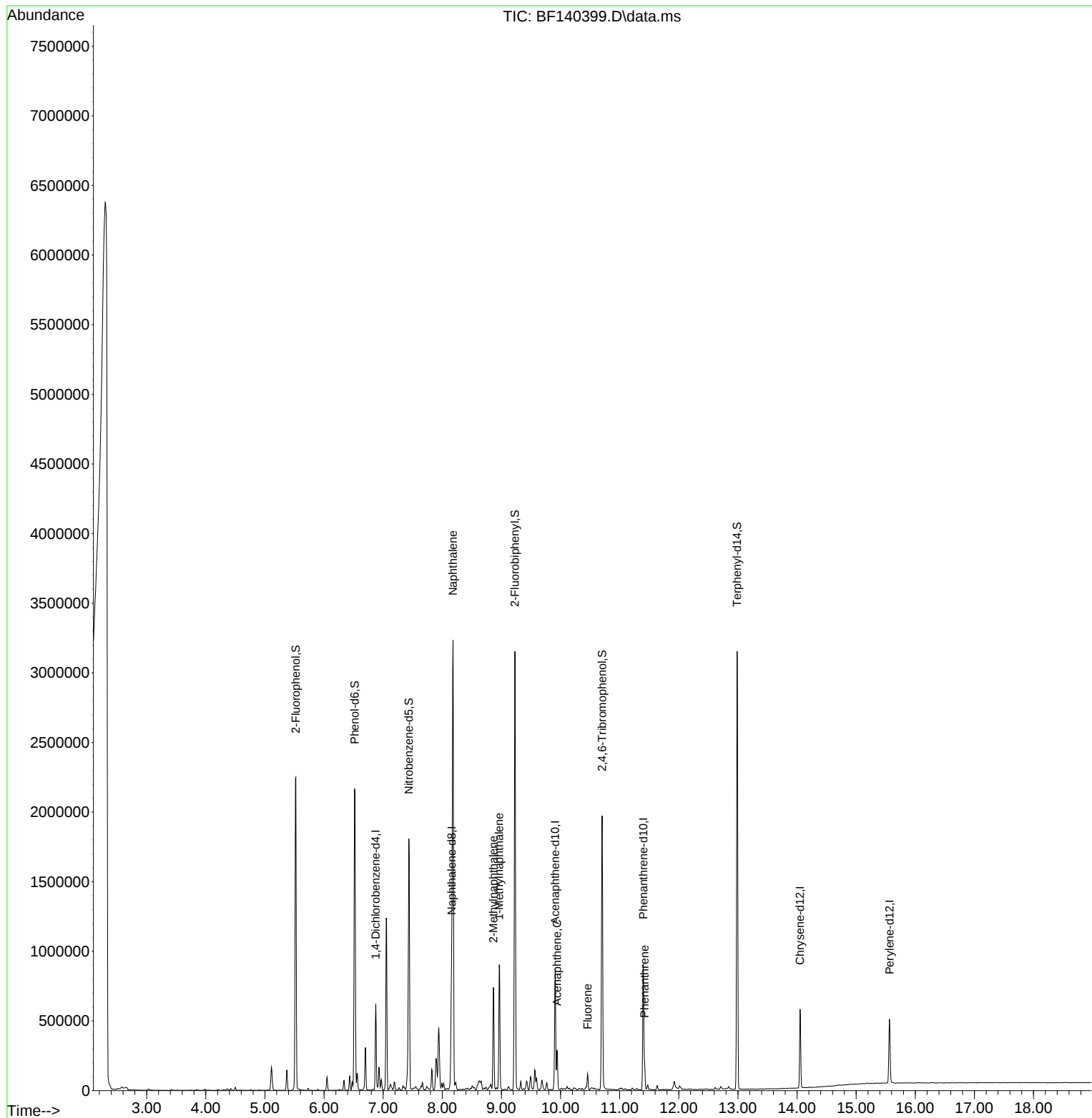
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127141	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	473766	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259206	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	478884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	265821	20.000	ng	0.00
86) Perylene-d12	15.563	264	271820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	871858	117.082	ng	0.03
7) Phenol-d6	6.516	99	1093135	108.351	ng	0.01
23) Nitrobenzene-d5	7.434	82	788403	86.705	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	344401	133.613	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1409740	87.429	ng	0.00
79) Terphenyl-d14	12.986	244	1534702	100.215	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.181	128	2114875	87.998	ng	100
37) 2-Methylnaphthalene	8.863	142	286408	18.585	ng	99
38) 1-Methylnaphthalene	8.963	142	338220	22.412	ng	100
52) Acenaphthene	9.939	154	87029	5.929	ng	98
58) Fluorene	10.457	166	49290	3.003	ng	98
71) Phenanthrene	11.422	178	90172	4.008	ng	100

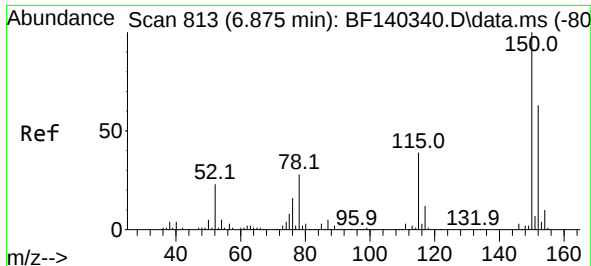
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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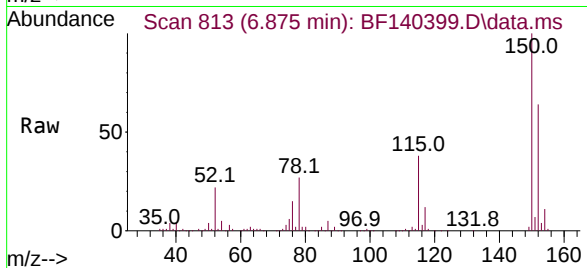
Quant Time: Nov 15 14:04:17 2024
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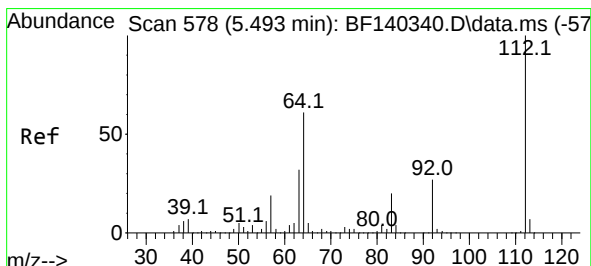
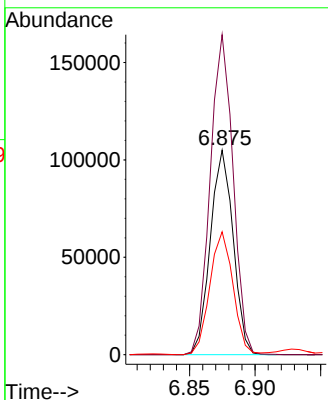
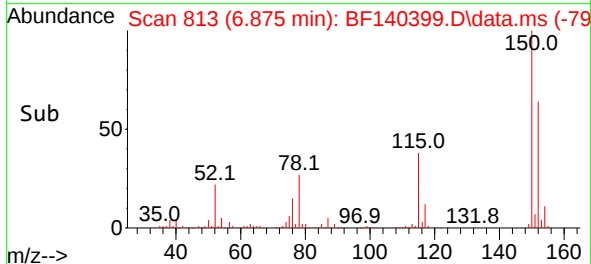


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

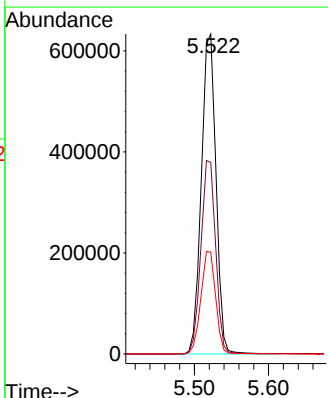
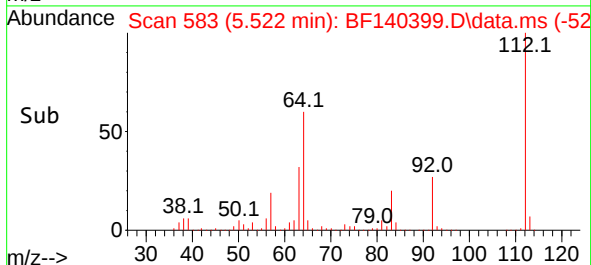
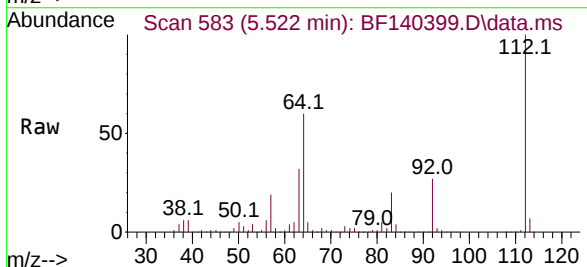


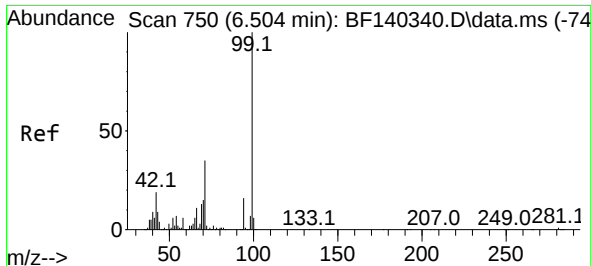
Tgt Ion:152 Resp: 127141
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.1 47.4 71.2



#5
2-Fluorophenol
Concen: 117.082 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:112 Resp: 871858
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.8 25.6 38.4





#7

Phenol-d6

Concen: 108.351 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

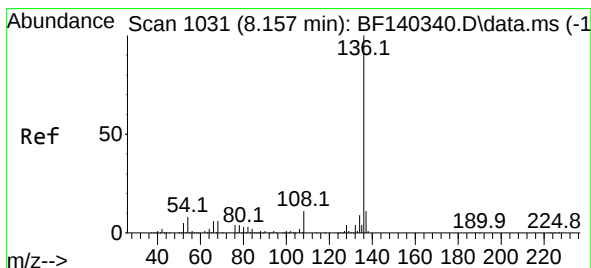
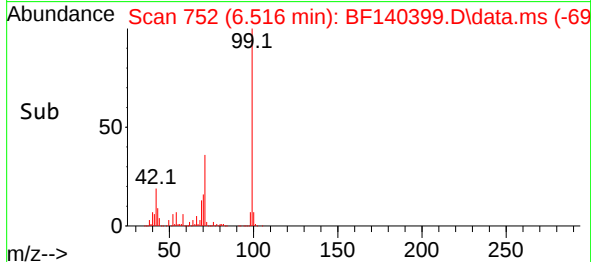
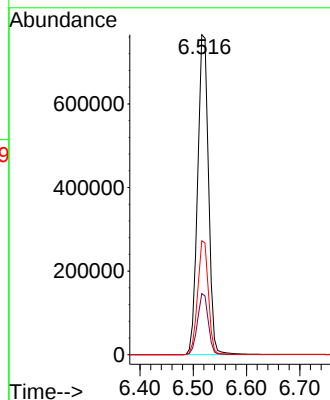
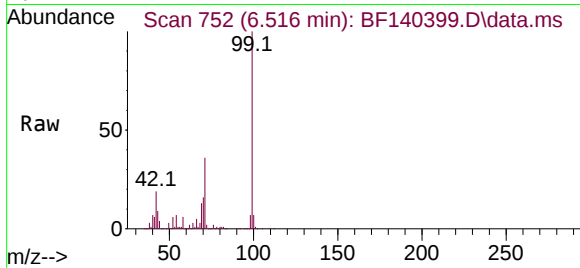
Tgt Ion: 99 Resp: 1093135

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

71 35.6 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Tgt Ion: 136 Resp: 473766

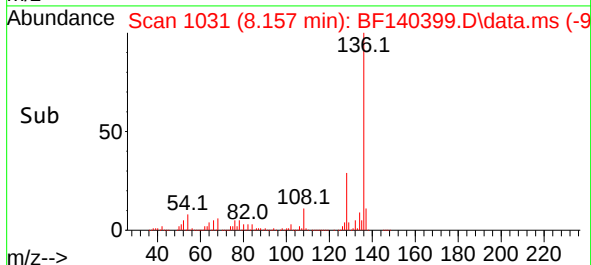
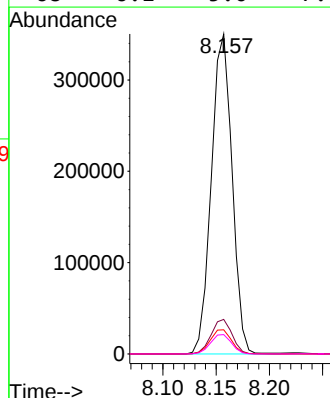
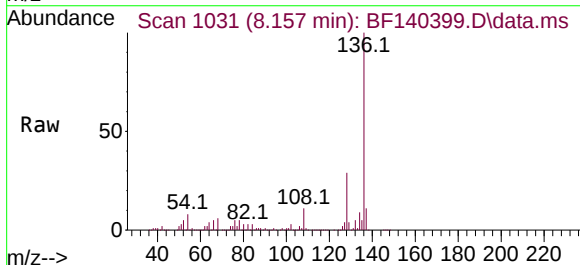
Ion Ratio Lower Upper

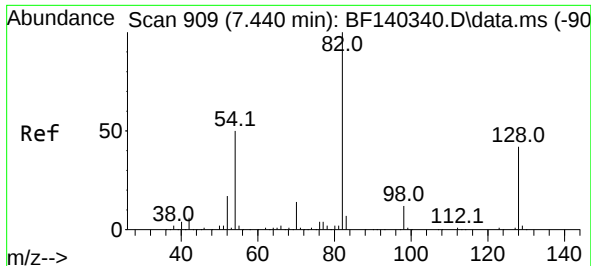
136 100

137 10.8 8.7 13.1

54 7.6 6.5 9.7

68 6.1 5.0 7.6

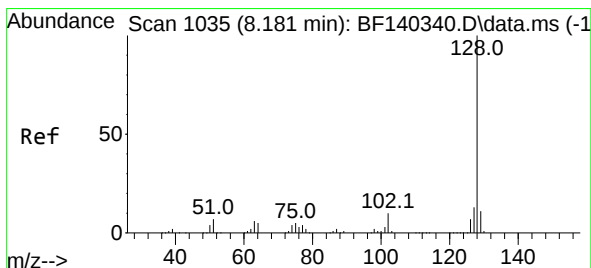
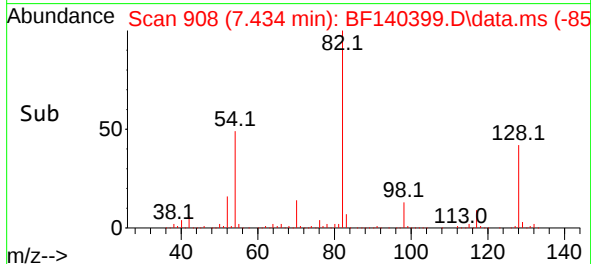
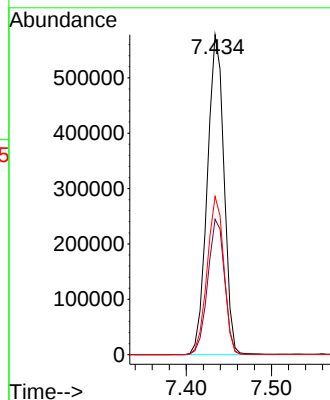
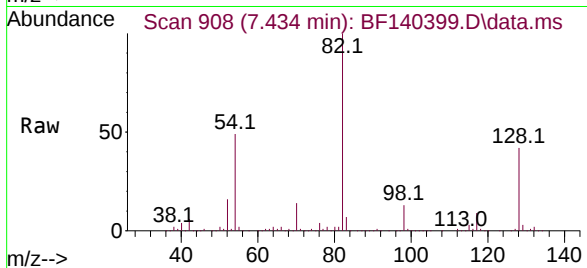




#23
Nitrobenzene-d5
Concen: 86.705 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

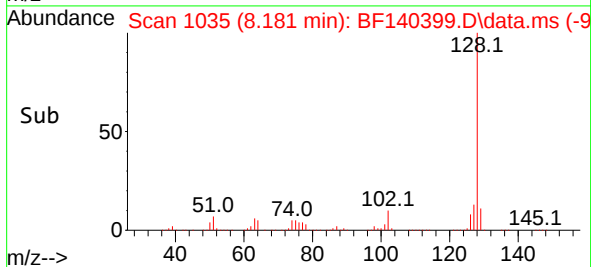
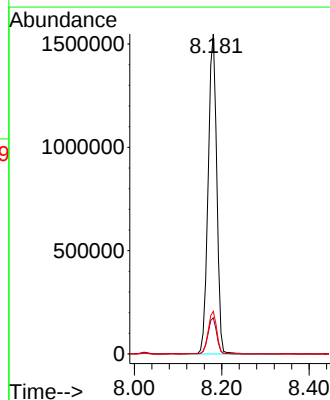
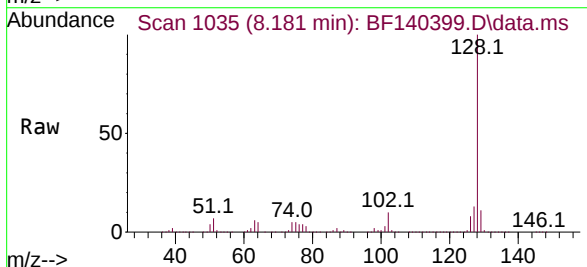
Instrument :
BNA_F
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WC-TA1-01-C

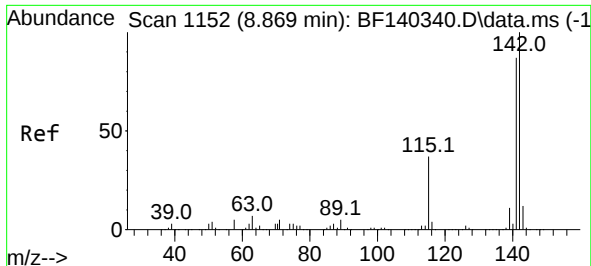
Tgt Ion: 82 Resp: 788403
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 49.4 39.8 59.8



#31
Naphthalene
Concen: 87.998 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:128 Resp: 2114875
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8





#37

2-Methylnaphthalene

Concen: 18.585 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

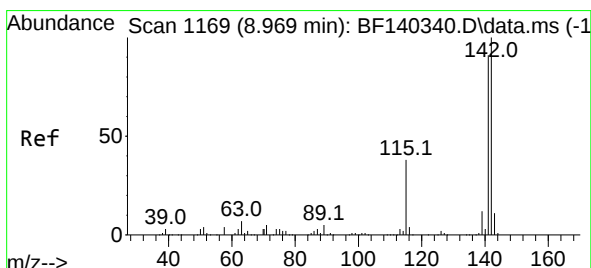
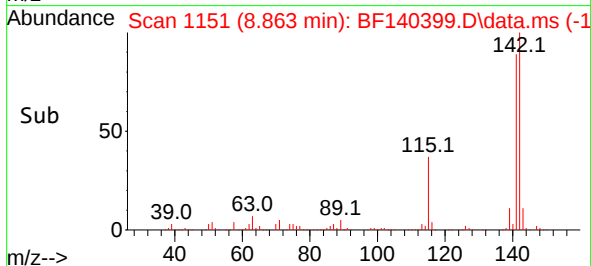
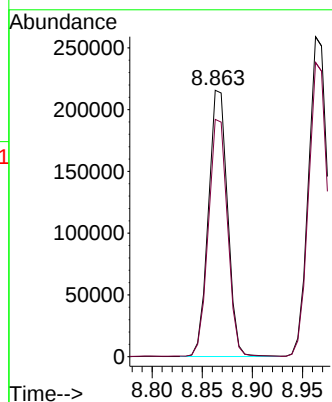
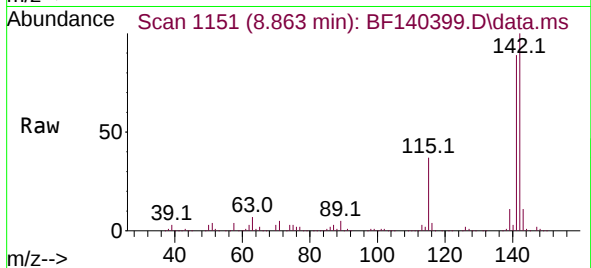
WC-TA1-01-C

Tgt Ion:142 Resp: 286408

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 22.412 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140399.D

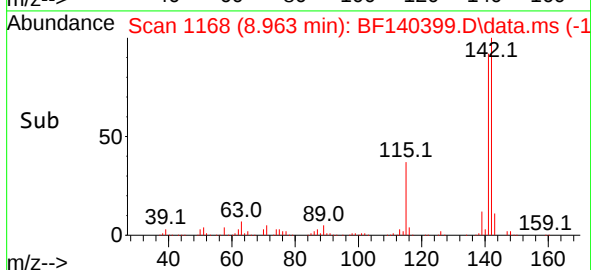
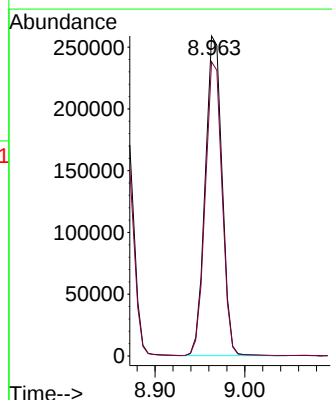
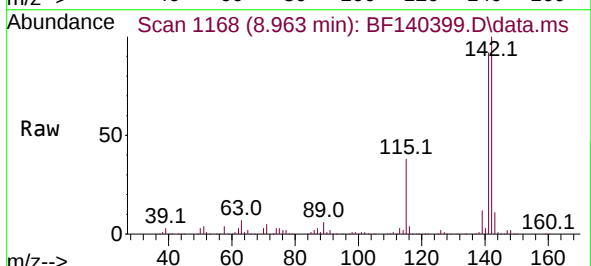
Acq: 15 Nov 2024 13:18

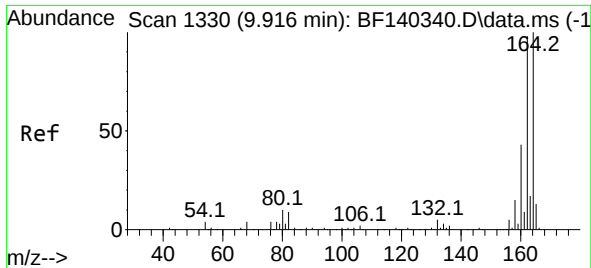
Tgt Ion:142 Resp: 338220

Ion Ratio Lower Upper

142 100

141 91.9 73.6 110.4

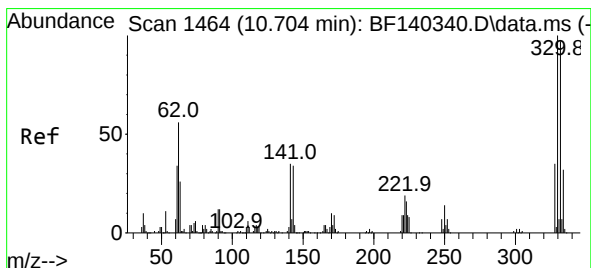
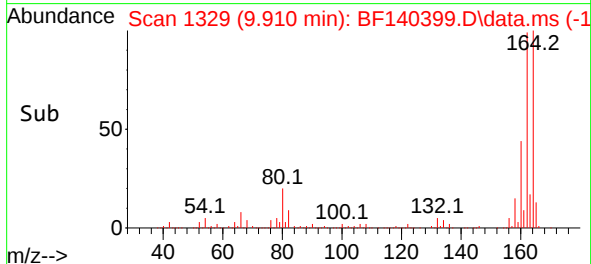
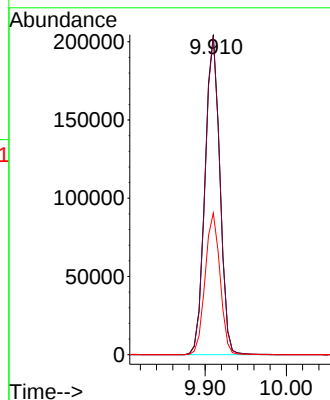
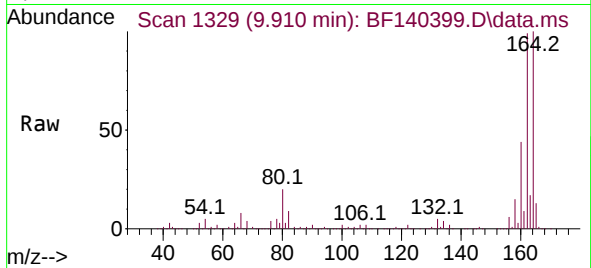




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

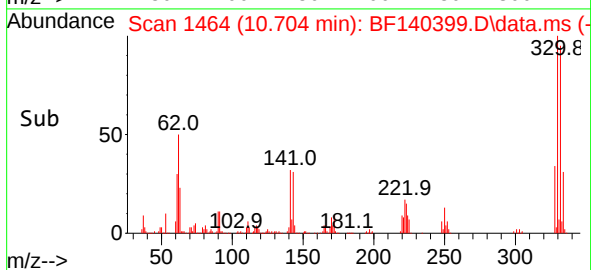
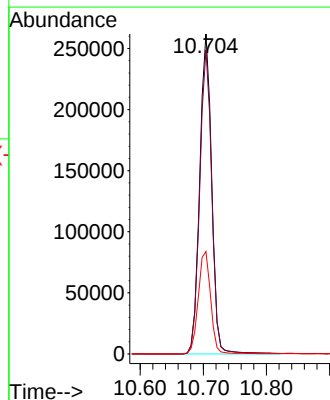
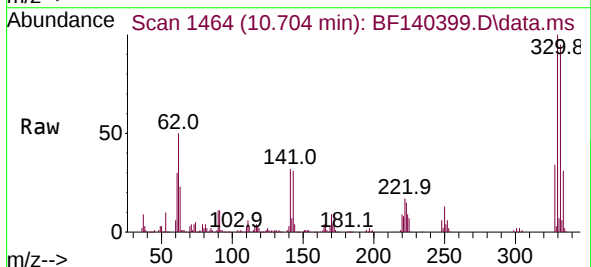
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BNA_F
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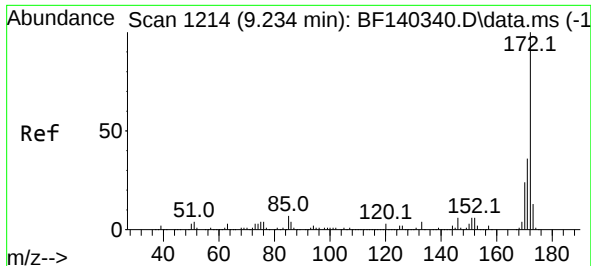
Tgt Ion:164 Resp: 259206
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.613 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:330 Resp: 344401
Ion Ratio Lower Upper
330 100
332 95.7 75.9 113.9
141 33.2 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 87.429 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

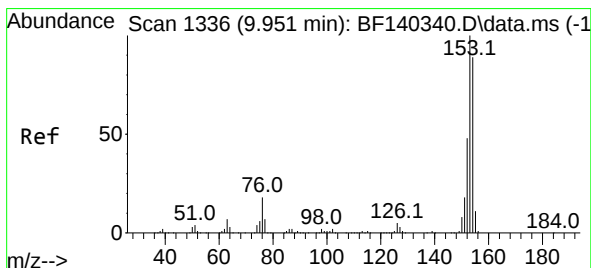
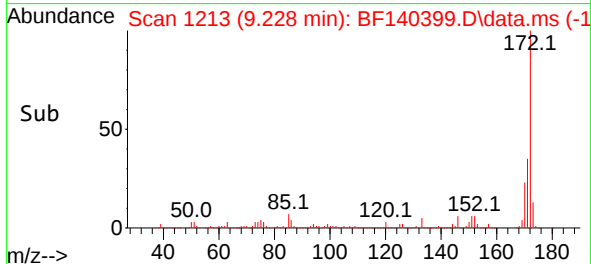
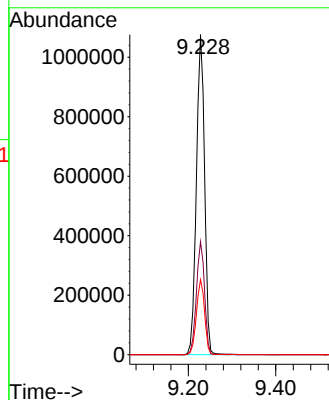
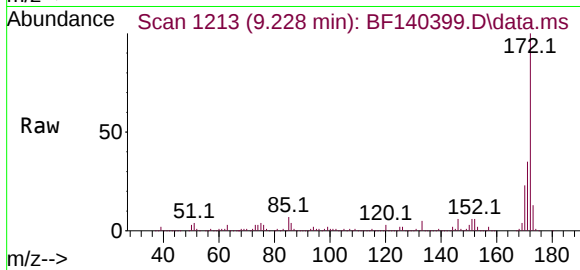
Tgt Ion:172 Resp: 1409740

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.5 19.1 28.7



#52

Acenaphthene

Concen: 5.929 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

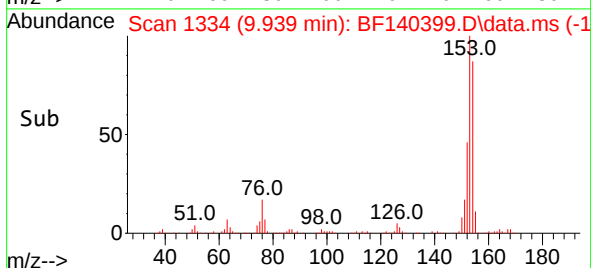
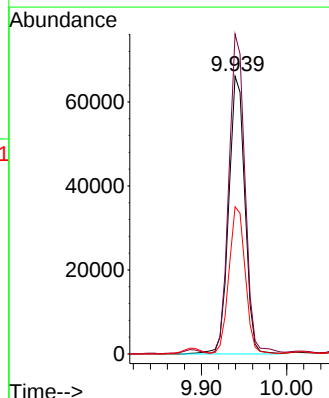
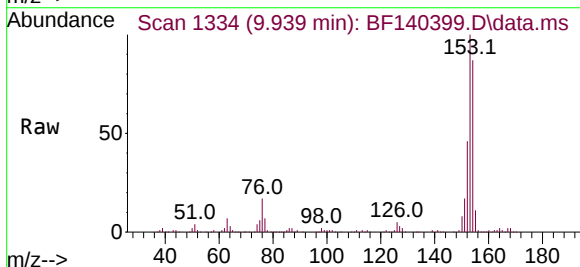
Tgt Ion:154 Resp: 87029

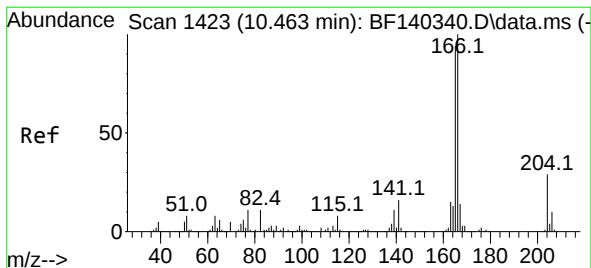
Ion Ratio Lower Upper

154 100

153 115.2 89.8 134.8

152 53.0 42.6 64.0





#58

Fluorene

Concen: 3.003 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

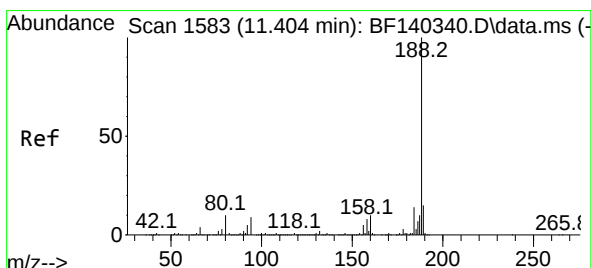
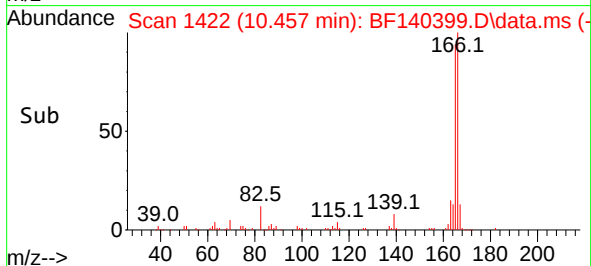
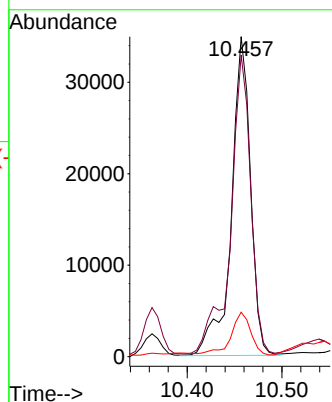
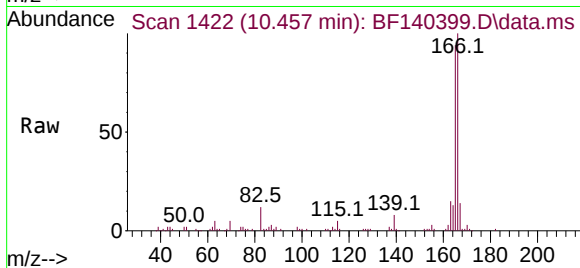
Tgt Ion:166 Resp: 49290

Ion Ratio Lower Upper

166 100

165 94.3 73.9 110.9

167 13.9 10.9 16.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

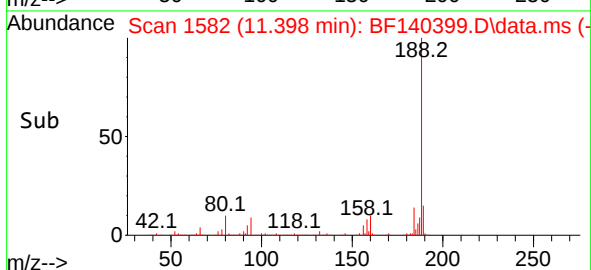
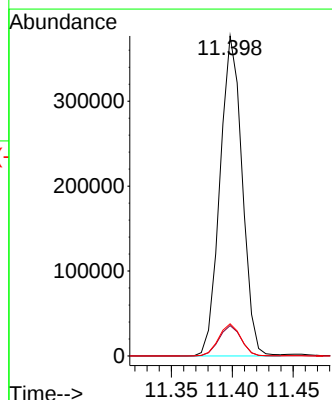
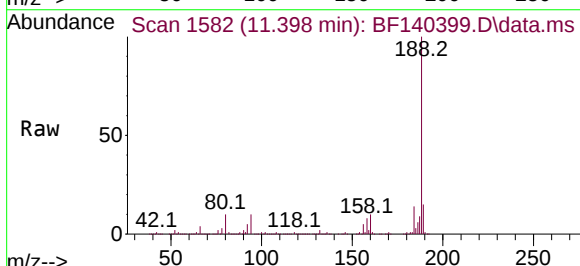
Tgt Ion:188 Resp: 478884

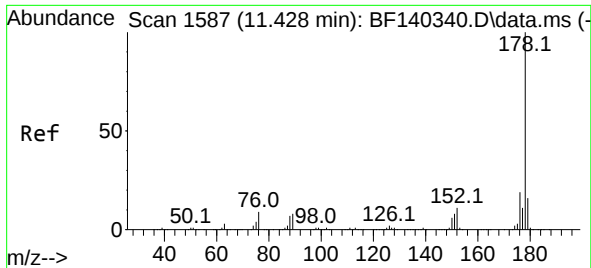
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.1 8.0 12.0

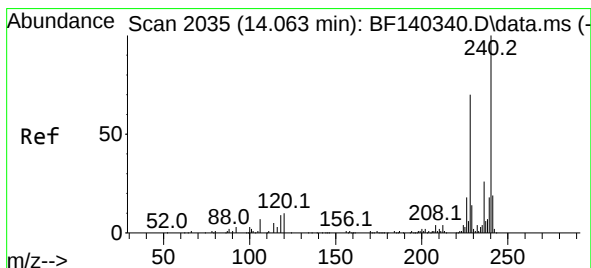
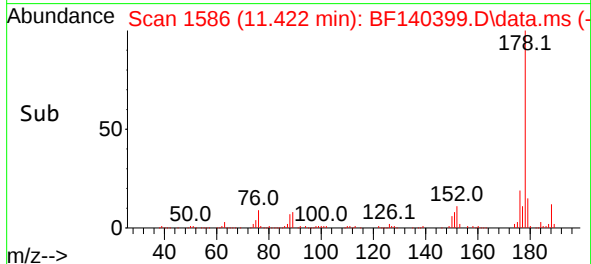
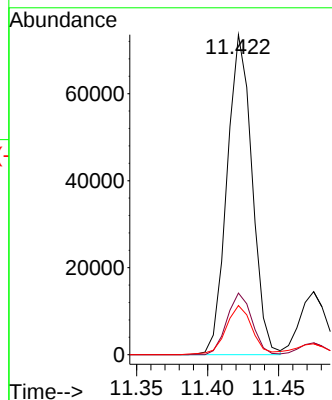
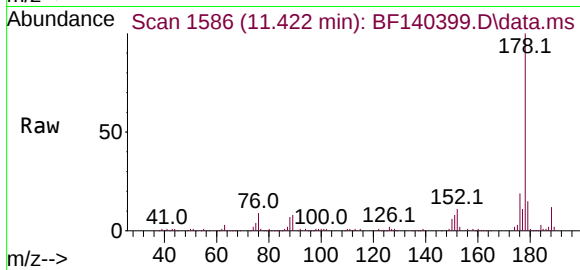




#71
Phenanthrene
Concen: 4.008 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

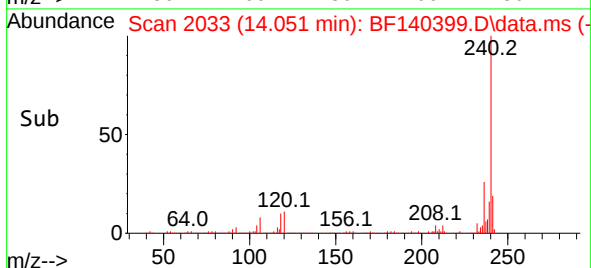
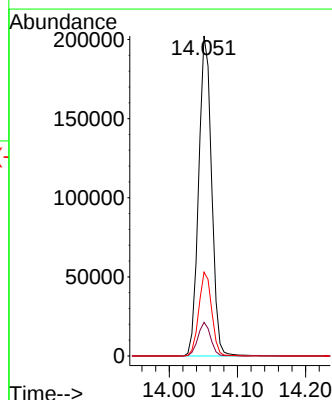
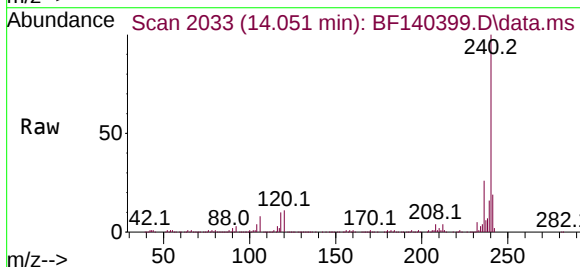
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

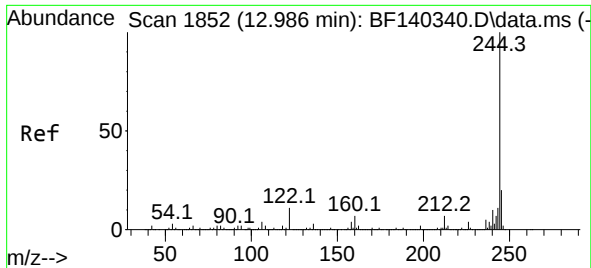
Tgt Ion:178 Resp: 90172
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:240 Resp: 265821
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 26.2 20.9 31.3

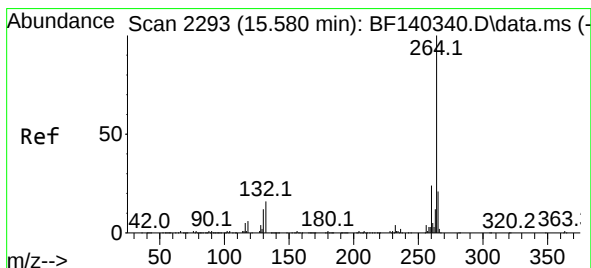
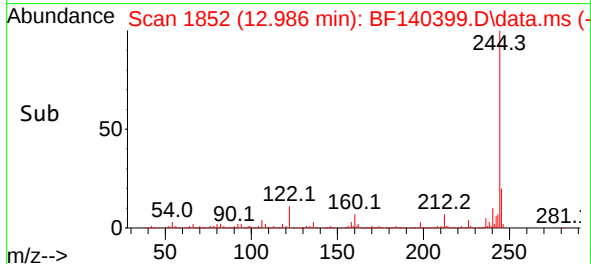
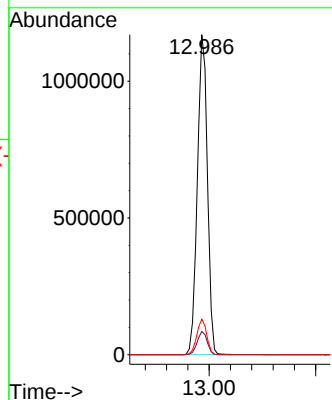
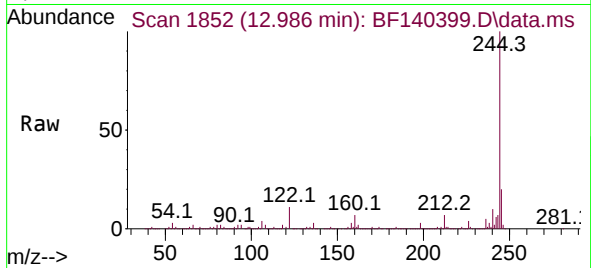




#79
Terphenyl-d14
Concen: 100.215 ng
RT: 12.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

Tgt Ion:244 Resp: 1534702
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.1 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:264 Resp: 271820
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.3 17.1 25.7

