

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140400.D
 Acq On : 15 Nov 2024 13:44
 Operator : RC/JU
 Sample : P4799-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-02-C

Quant Time: Nov 15 14:37:56 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)

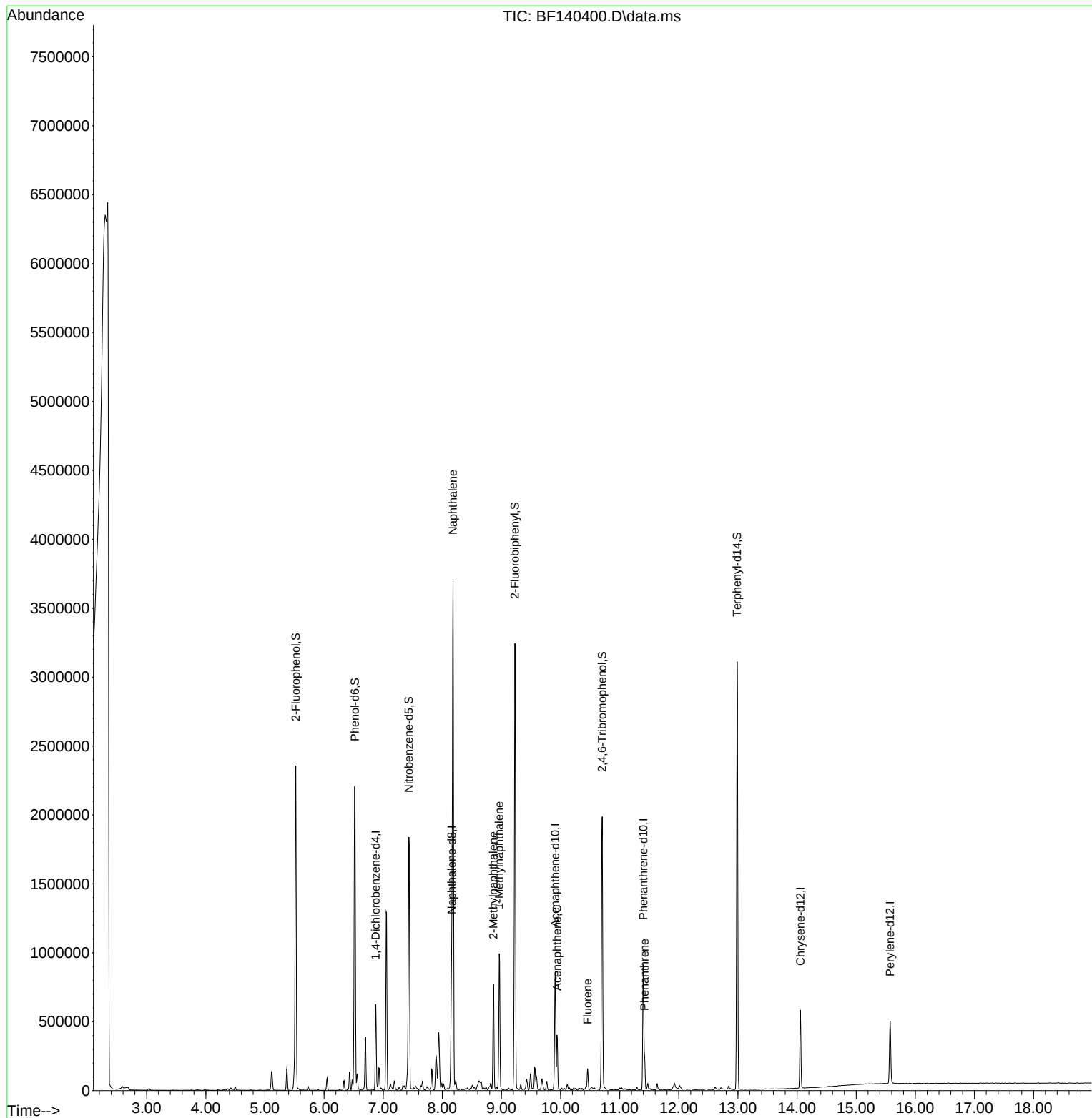
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	475585	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	257897	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	475367	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266960	20.000	ng	0.00
86) Perylene-d12	15.574	264	271374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	907217	121.274	ng	0.03
7) Phenol-d6	6.522	99	1129940	111.487	ng	0.02
23) Nitrobenzene-d5	7.433	82	828661	90.784	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	343133	133.797	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1466668	91.422	ng	0.00
79) Terphenyl-d14	12.986	244	1545339	100.479	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.180	128	2421043	100.352	ng	99
37) 2-Methylnaphthalene	8.863	142	298118	19.271	ng	100
38) 1-Methylnaphthalene	8.963	142	372798	24.609	ng	98
52) Acenaphthene	9.939	154	119053	8.151	ng	97
58) Fluorene	10.457	166	66551	4.075	ng	98
71) Phenanthrene	11.421	178	119044	5.331	ng	99

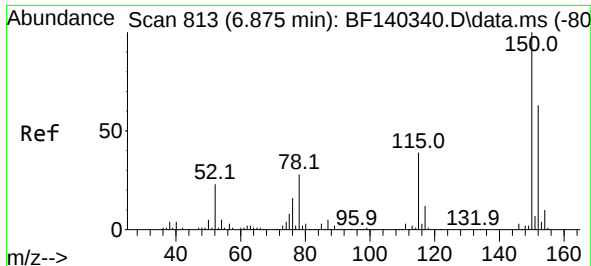
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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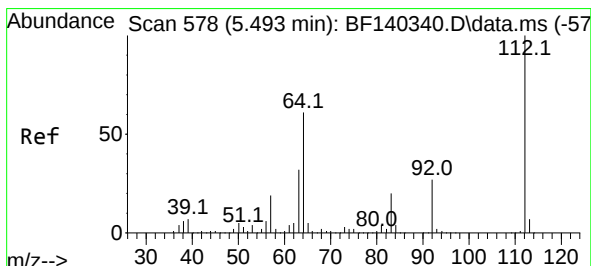
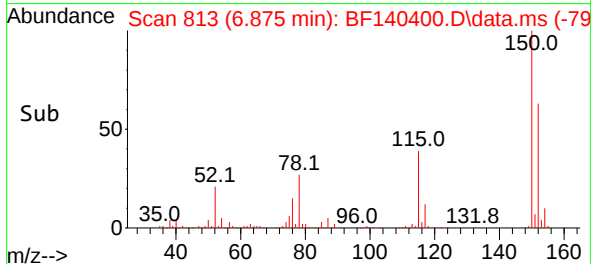
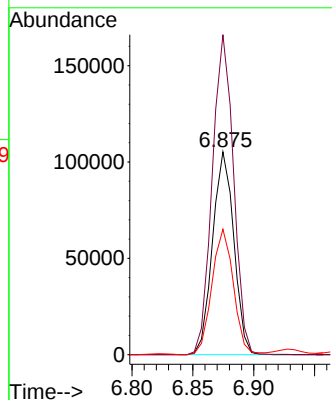
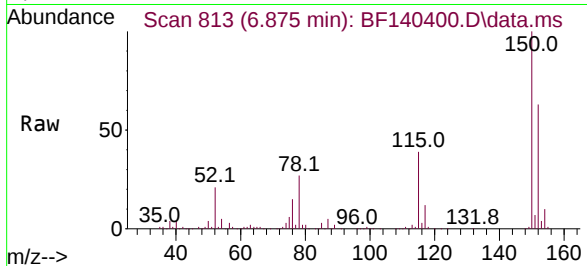




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

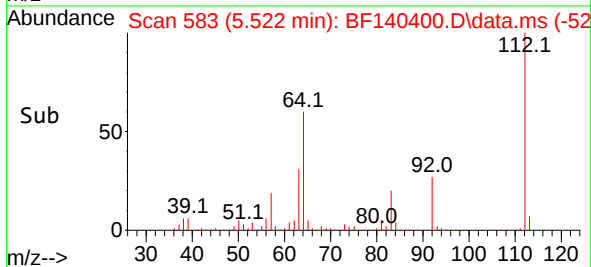
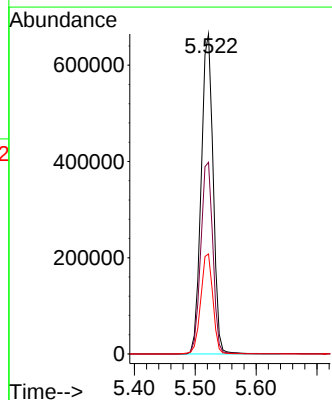
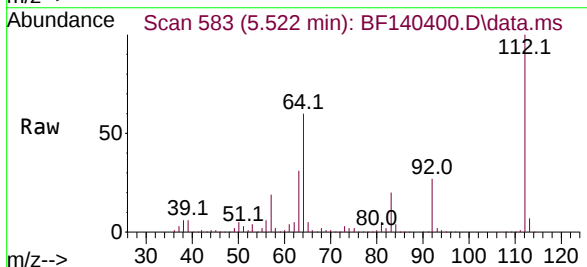
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

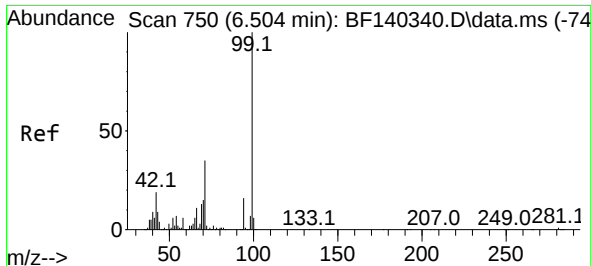
Tgt Ion:152 Resp: 127725
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.8 47.4 71.2



#5
2-Fluorophenol
Concen: 121.274 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:112 Resp: 907217
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.3 25.6 38.4

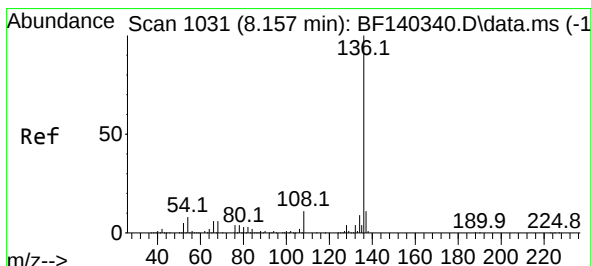
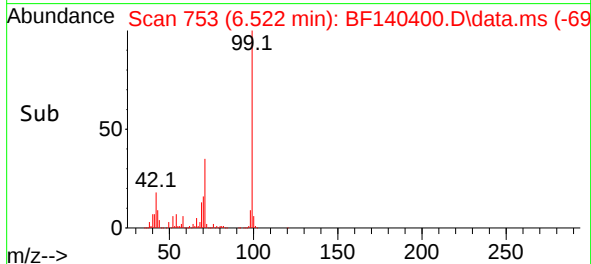
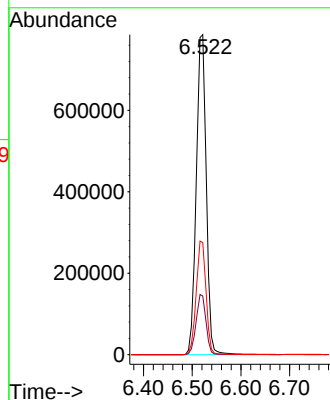
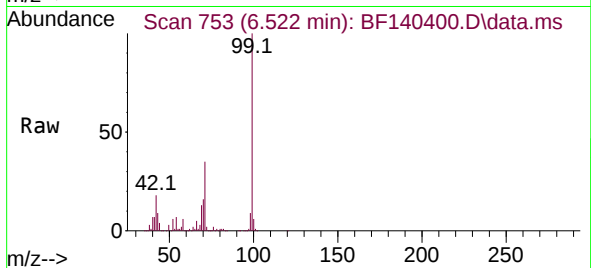




#7
Phenol-d6
Concen: 111.487 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

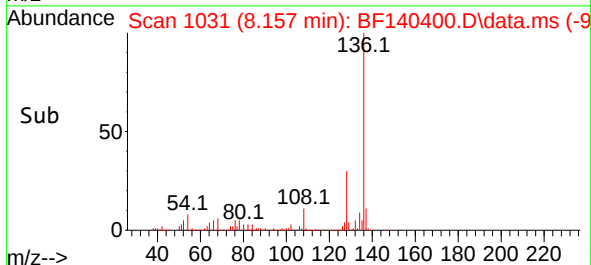
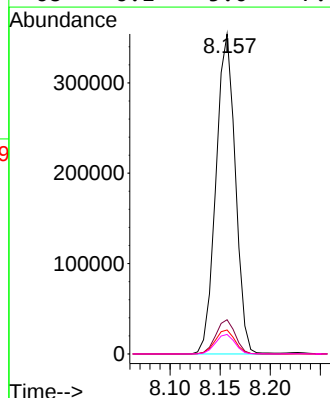
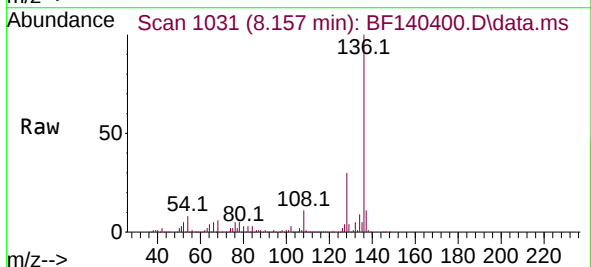
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

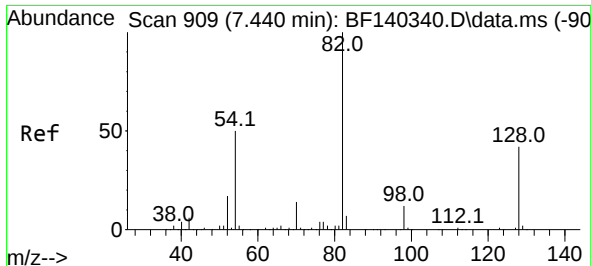
Tgt Ion: 99 Resp: 1129940
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.1 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion: 136 Resp: 475585
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.5 6.5 9.7
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.784 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

Instrument :

BNA_F

ClientSampleId :

WC-TA1-02-C

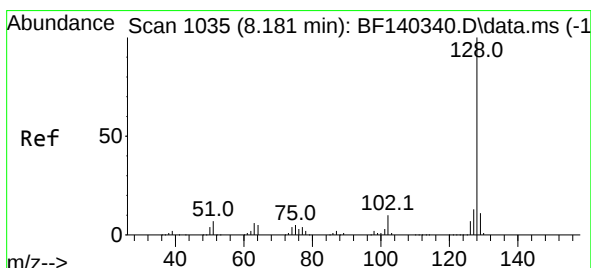
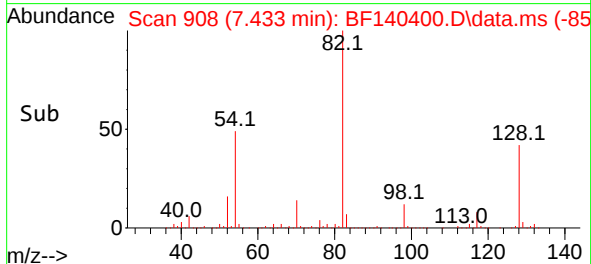
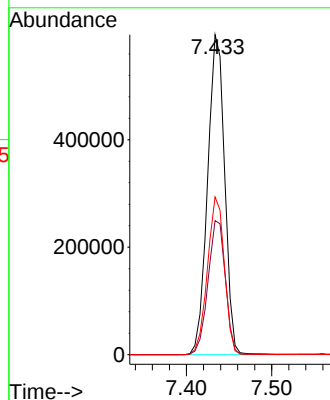
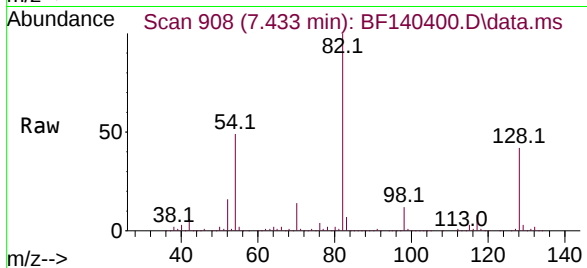
Tgt Ion: 82 Resp: 828661

Ion Ratio Lower Upper

82 100

128 41.9 33.3 49.9

54 49.3 39.8 59.8



#31

Naphthalene

Concen: 100.352 ng

RT: 8.180 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

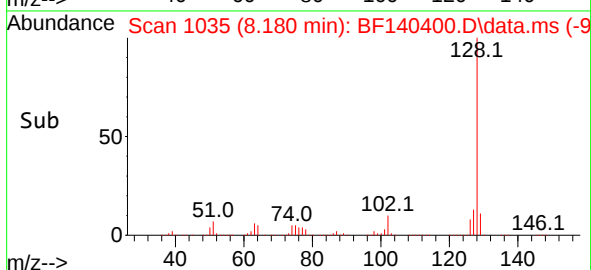
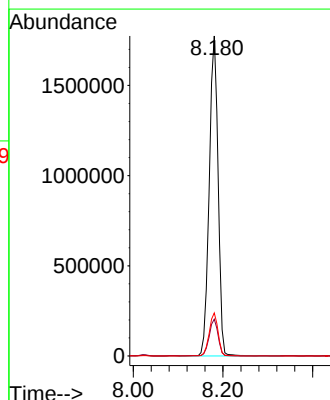
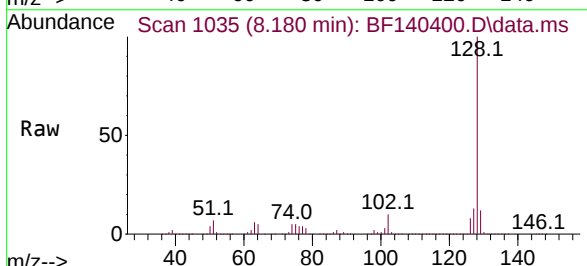
Tgt Ion:128 Resp: 2421043

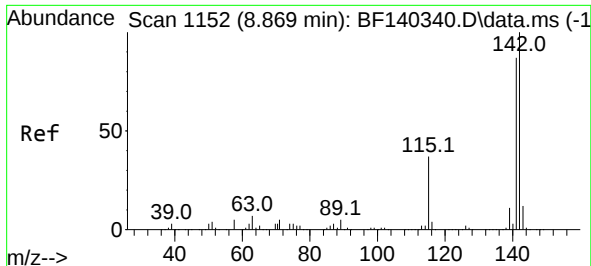
Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

127 13.4 10.6 15.8





#37

2-Methylnaphthalene

Concen: 19.271 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

Instrument :

BNA_F

ClientSampleId :

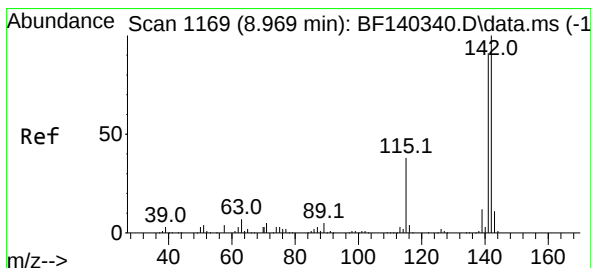
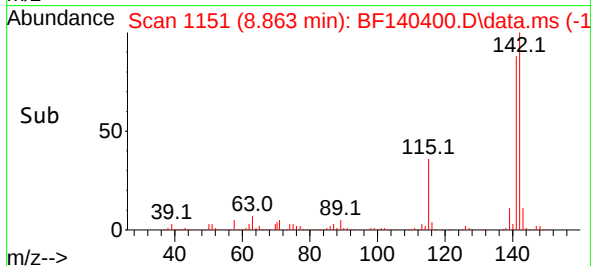
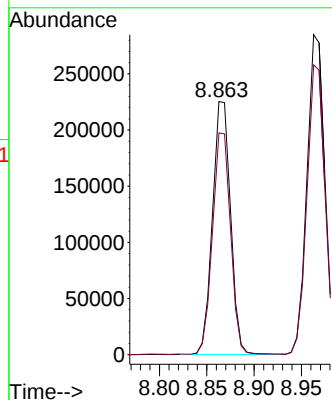
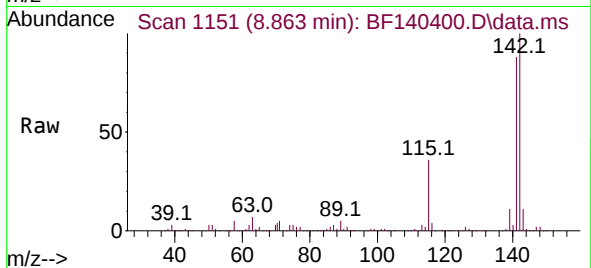
WC-TA1-02-C

Tgt Ion:142 Resp: 298118

Ion Ratio Lower Upper

142 100

141 87.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 24.609 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140400.D

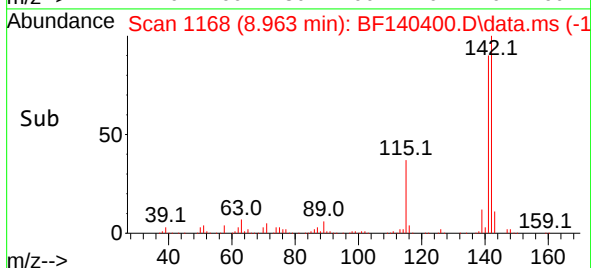
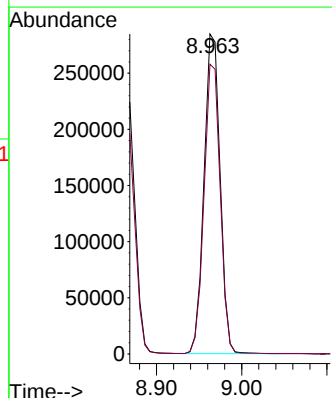
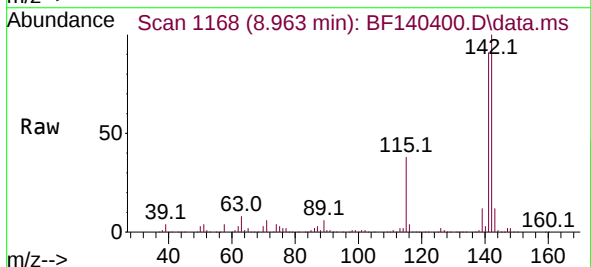
Acq: 15 Nov 2024 13:44

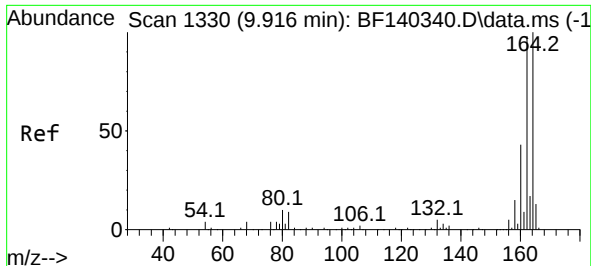
Tgt Ion:142 Resp: 372798

Ion Ratio Lower Upper

142 100

141 90.6 73.6 110.4

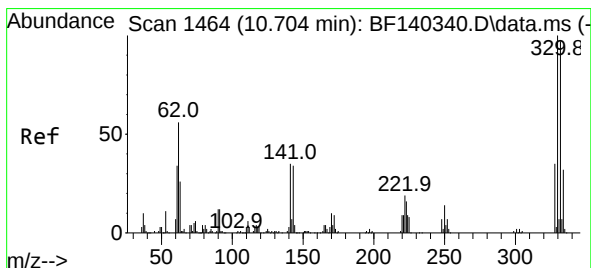
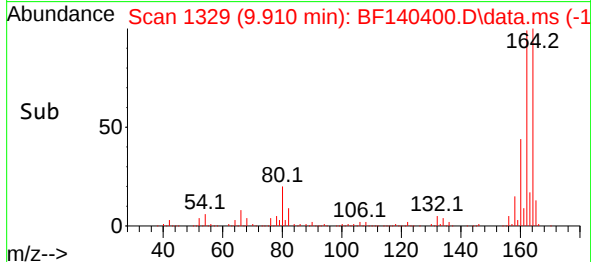
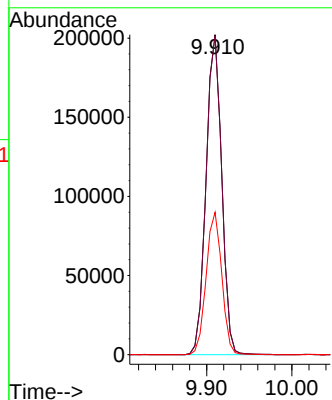
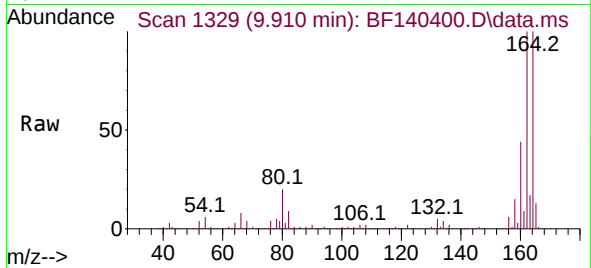




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

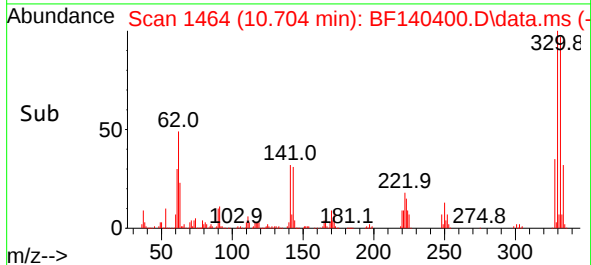
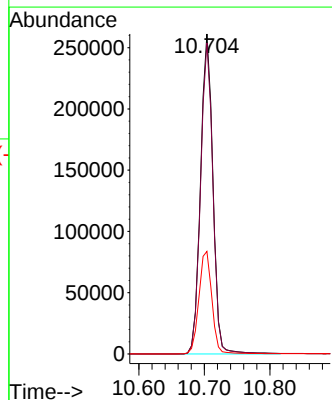
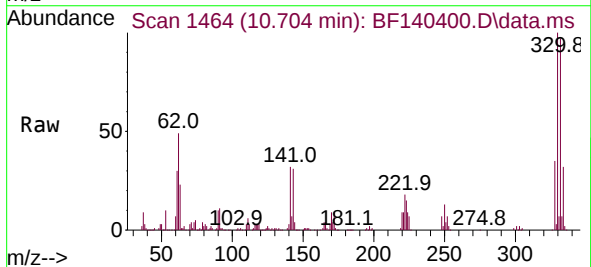
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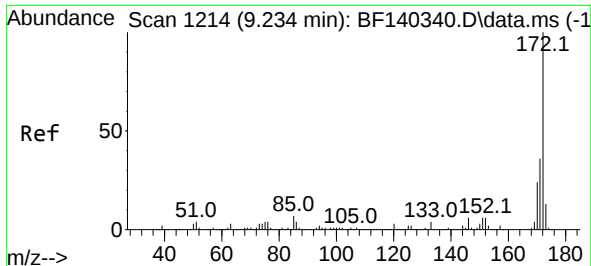
Tgt Ion:164 Resp: 257897
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.797 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:330 Resp: 343133
Ion Ratio Lower Upper
330 100
332 97.3 75.9 113.9
141 34.0 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 91.422 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

Instrument :

BNA_F

ClientSampleId :

WC-TA1-02-C

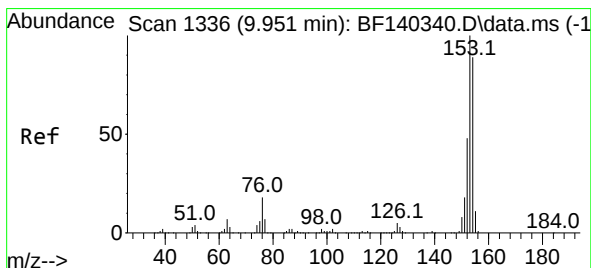
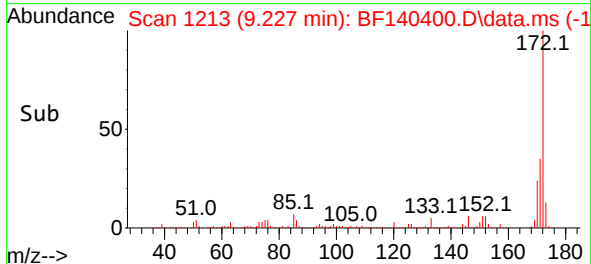
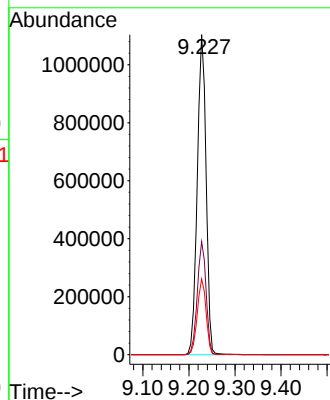
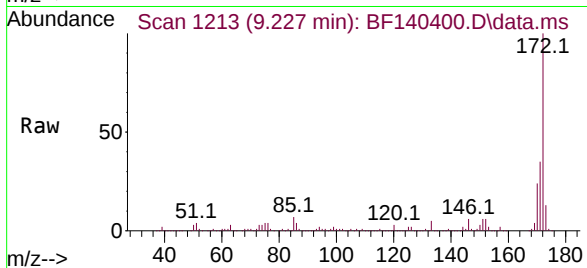
Tgt Ion:172 Resp: 1466668

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.7 19.1 28.7



#52

Acenaphthene

Concen: 8.151 ng

RT: 9.939 min Scan# 1334

Delta R.T. -0.012 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

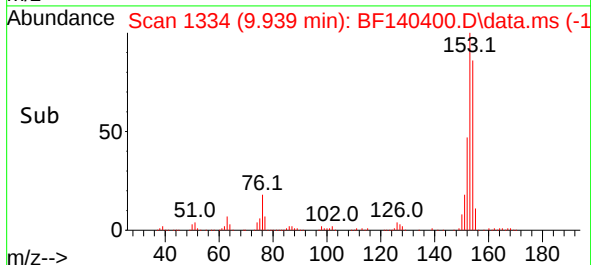
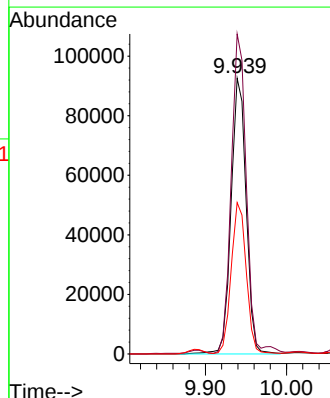
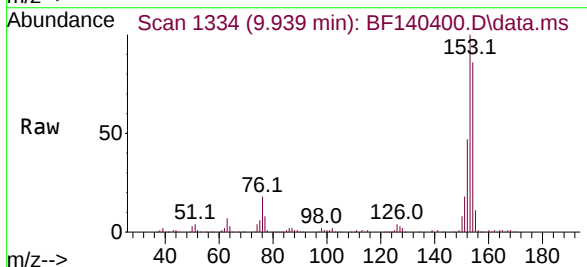
Tgt Ion:154 Resp: 119053

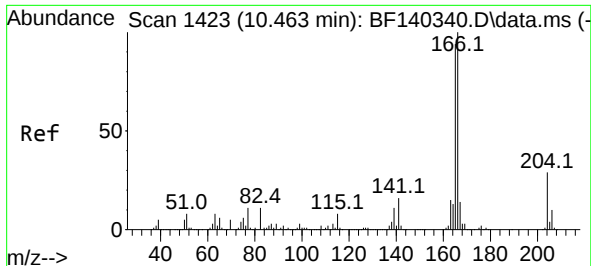
Ion Ratio Lower Upper

154 100

153 116.1 89.8 134.8

152 54.9 42.6 64.0

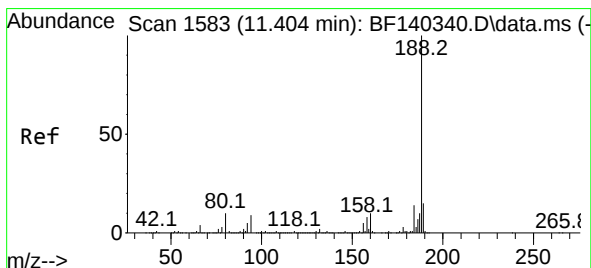
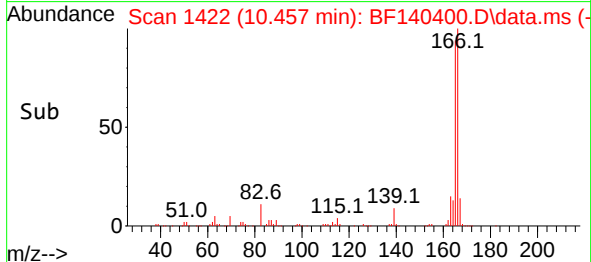
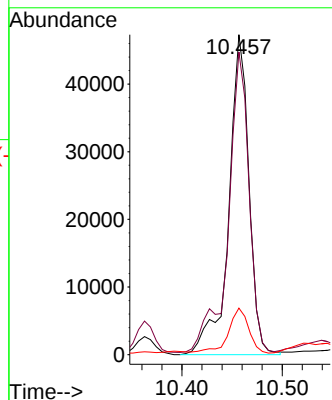
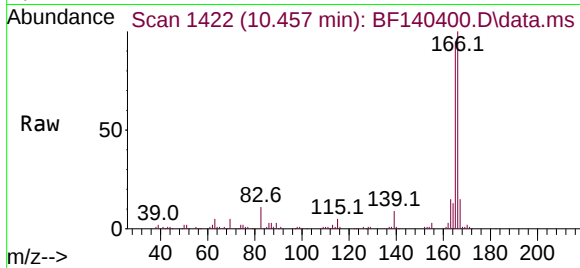




#58
Fluorene
Concen: 4.075 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

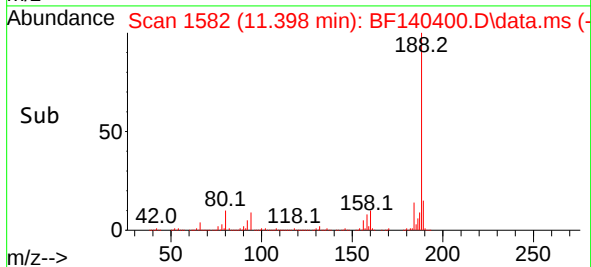
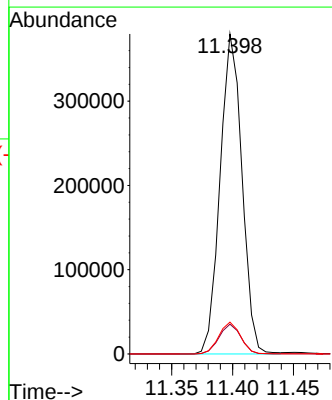
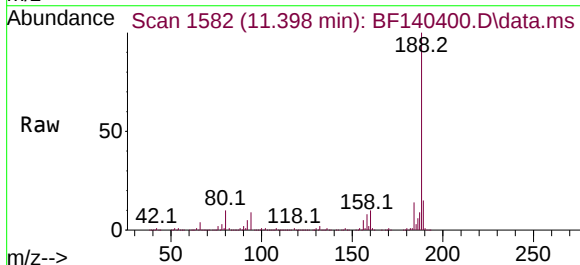
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

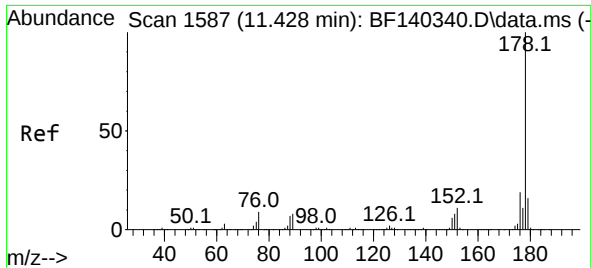
Tgt Ion:166 Resp: 66551
Ion Ratio Lower Upper
166 100
165 94.6 73.9 110.9
167 14.6 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:188 Resp: 475367
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.0 8.0 12.0

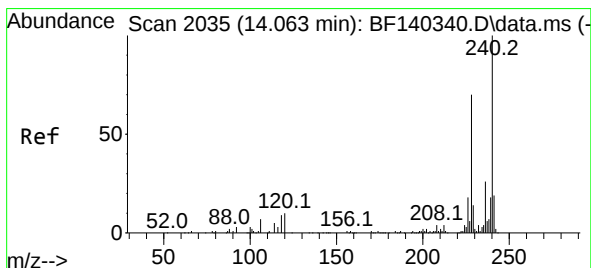
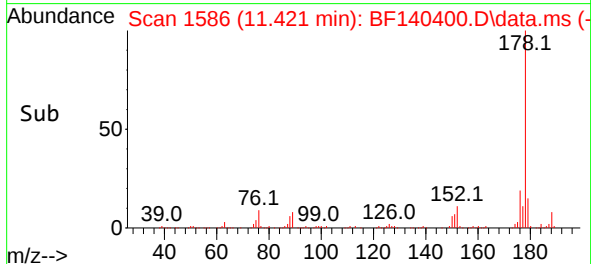
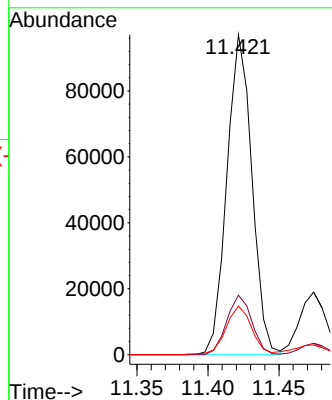
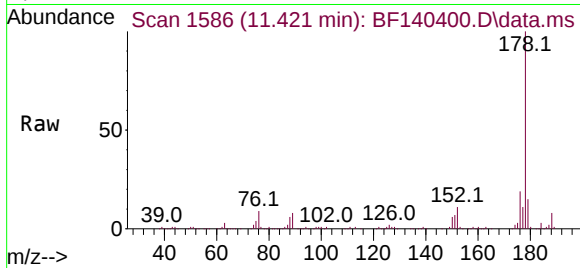




#71
Phenanthrene
Concen: 5.331 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

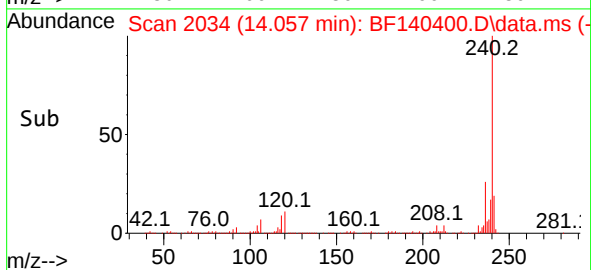
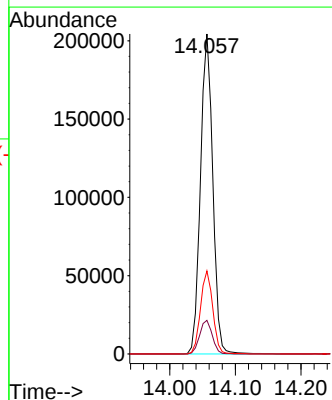
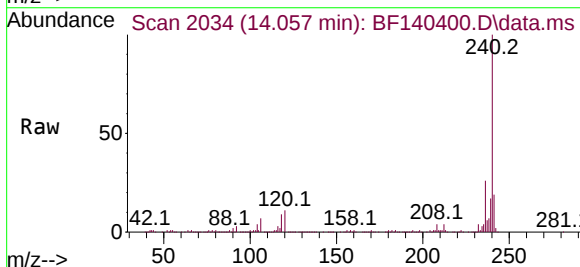
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

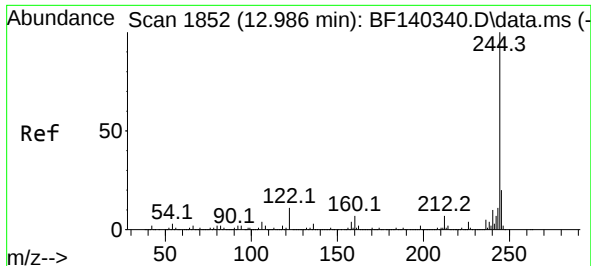
Tgt Ion:178 Resp: 119044
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:240 Resp: 266960
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 26.0 20.9 31.3

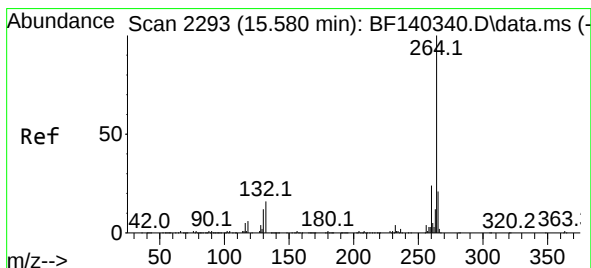
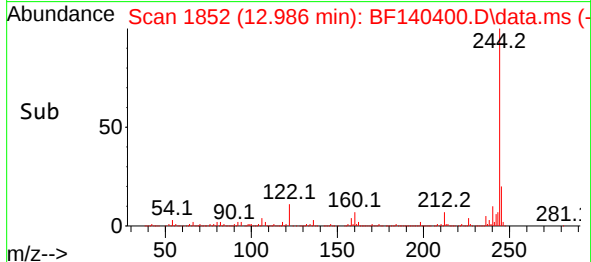
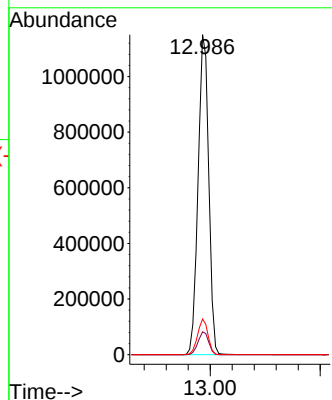
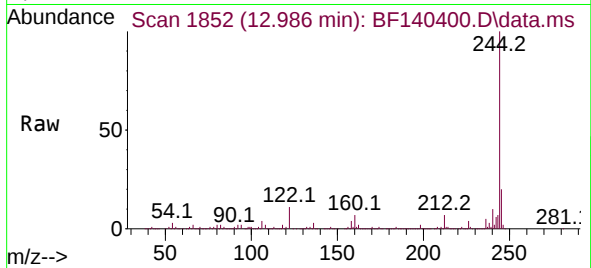




#79
 Terphenyl-d14
 Concen: 100.479 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF140400.D
 Acq: 15 Nov 2024 13:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-02-C

Tgt Ion:244 Resp: 1545339
 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: 15.574 min Scan# 2292
 Delta R.T. 0.017 min
 Lab File: BF140400.D
 Acq: 15 Nov 2024 13:44

Tgt Ion:264 Resp: 271374
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.1 25.7

