

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140401.D
 Acq On : 15 Nov 2024 14:10
 Operator : RC/JU
 Sample : P4799-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-03-C

Quant Time: Nov 15 14:38:24 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)

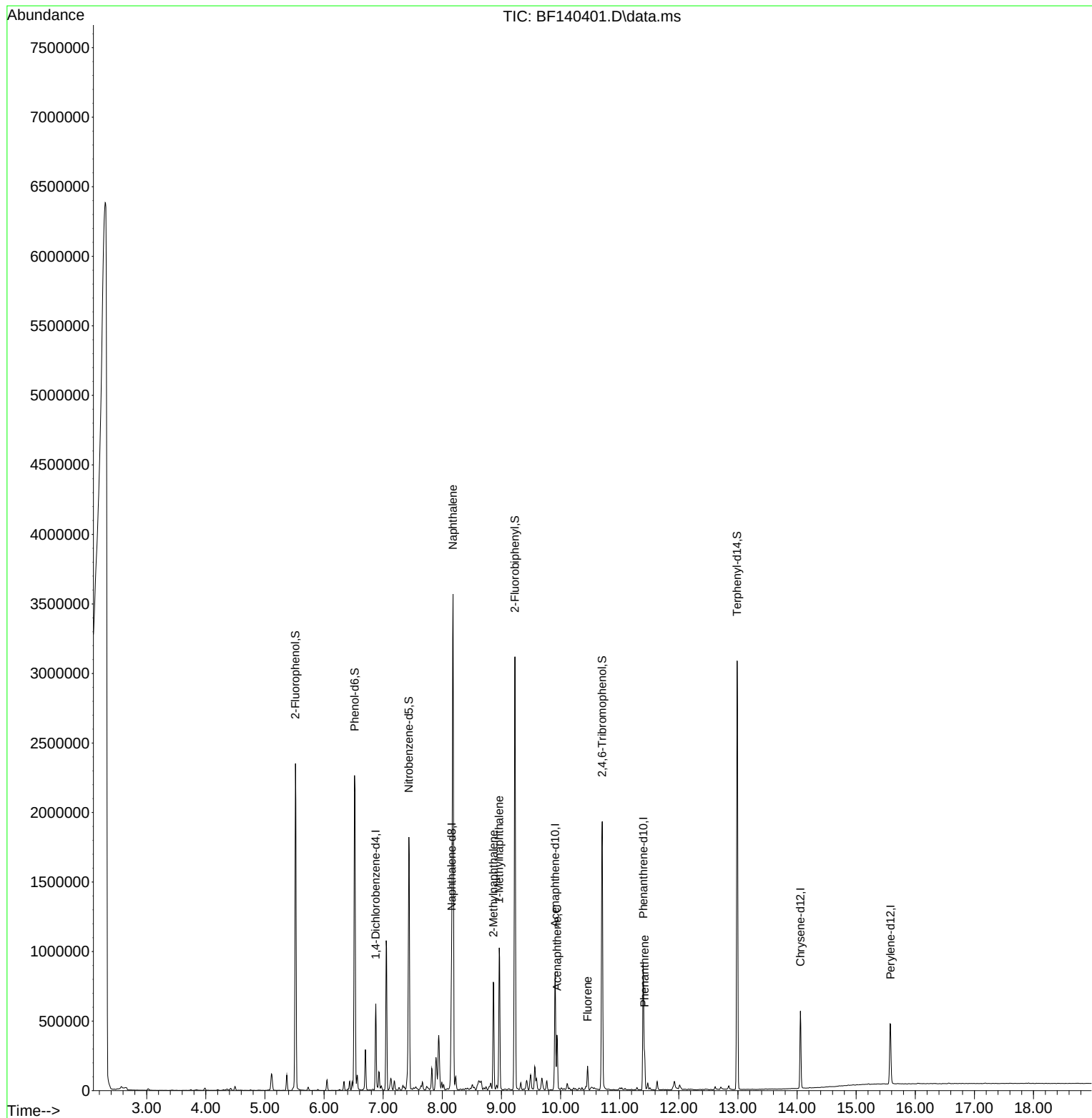
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	128785	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	471629	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	256063	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	474276	20.000	ng	0.00
76) Chrysene-d12	14.057	240	262792	20.000	ng	0.00
86) Perylene-d12	15.580	264	270502	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	873133	115.757	ng	0.02
7) Phenol-d6	6.516	99	1127337	110.314	ng	0.01
23) Nitrobenzene-d5	7.434	82	804150	88.838	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	337548	132.562	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1412762	88.692	ng	0.00
79) Terphenyl-d14	12.986	244	1518518	100.301	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.181	128	2350382	98.240	ng	99
37) 2-Methylnaphthalene	8.863	142	303169	19.762	ng	99
38) 1-Methylnaphthalene	8.963	142	385705	25.675	ng	100
52) Acenaphthene	9.939	154	121416	8.373	ng	99
58) Fluorene	10.457	166	73822	4.552	ng	100
71) Phenanthrene	11.422	178	132157	5.932	ng	99

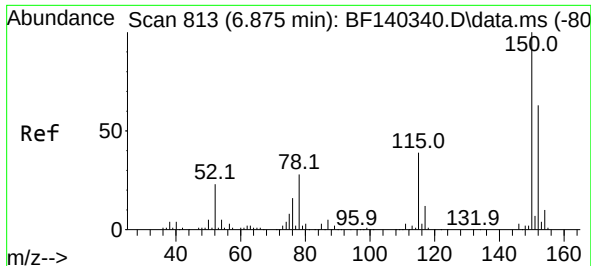
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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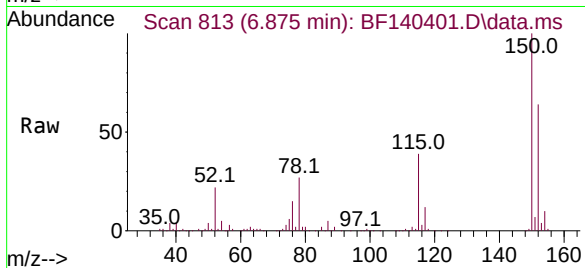
Quant Time: Nov 15 14:38:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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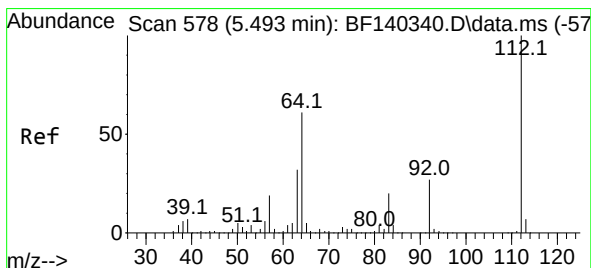
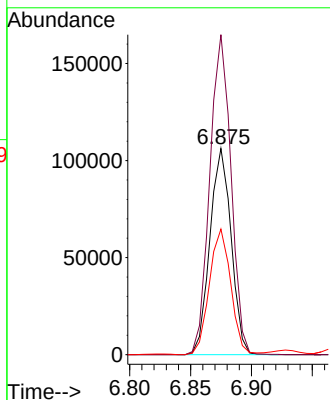
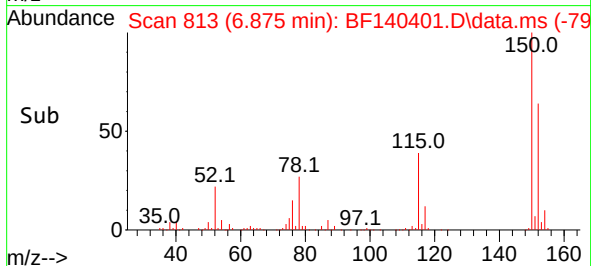


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

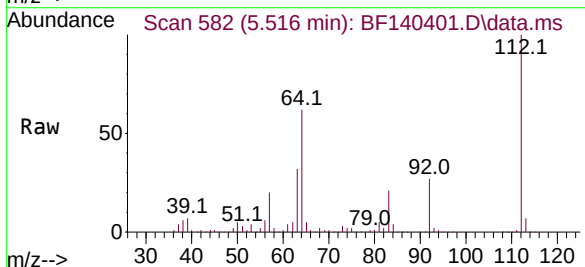
Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C



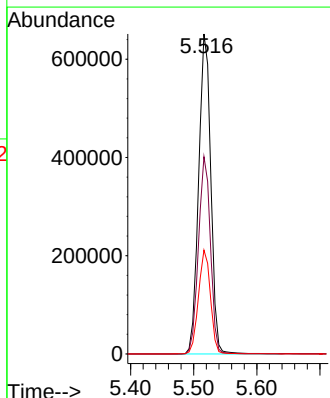
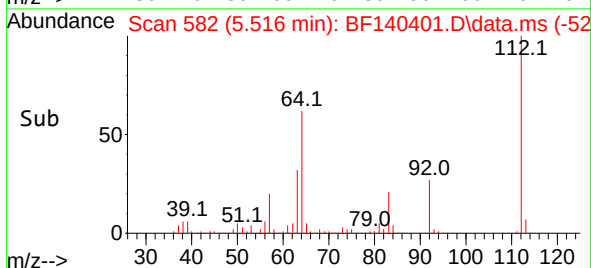
Tgt Ion:152 Resp: 128785
Ion Ratio Lower Upper
152 100
150 155.2 127.4 191.0
115 60.9 47.4 71.2

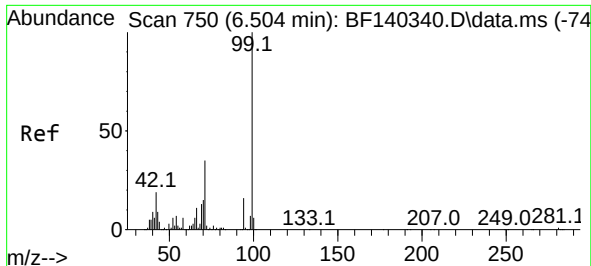


#5
2-Fluorophenol
Concen: 115.757 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10



Tgt Ion:112 Resp: 873133
Ion Ratio Lower Upper
112 100
64 61.6 49.2 73.8
63 32.5 25.6 38.4





#7

Phenol-d6

Concen: 110.314 ng

RT: 6.516 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF140401.D

Acq: 15 Nov 2024 14:10

Instrument :

BNA_F

ClientSampleId :

WC-TA1-03-C

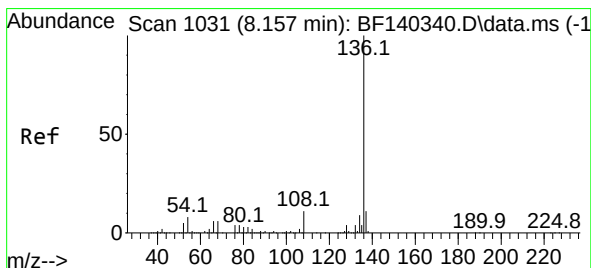
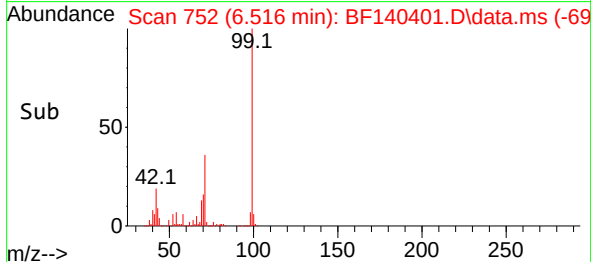
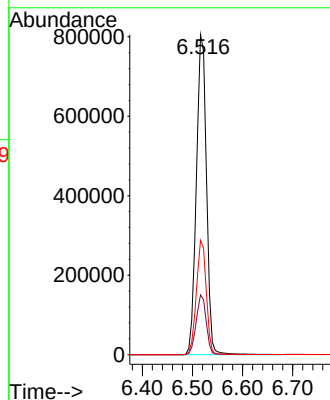
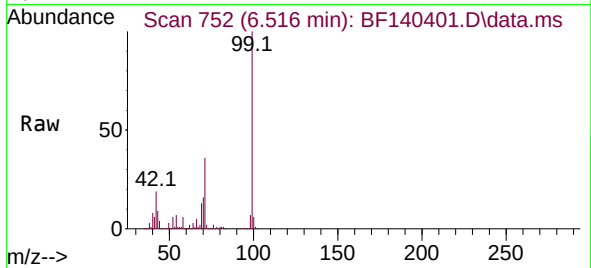
Tgt Ion: 99 Resp: 1127337

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.8 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: BF140401.D

Acq: 15 Nov 2024 14:10

Tgt Ion: 136 Resp: 471629

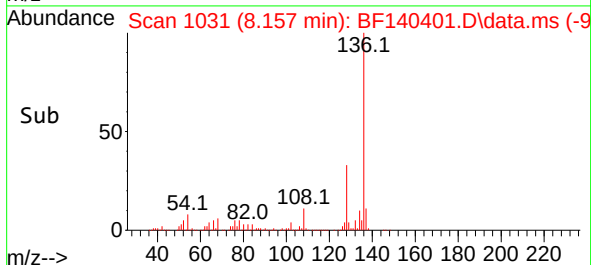
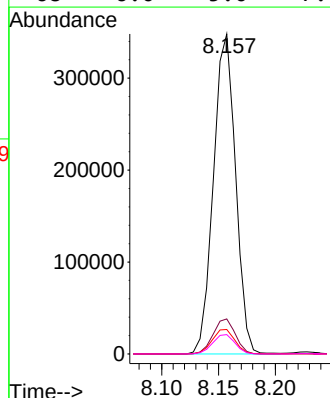
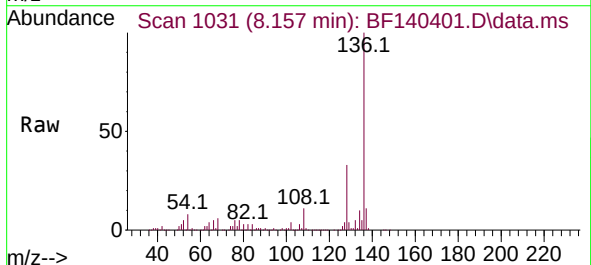
Ion Ratio Lower Upper

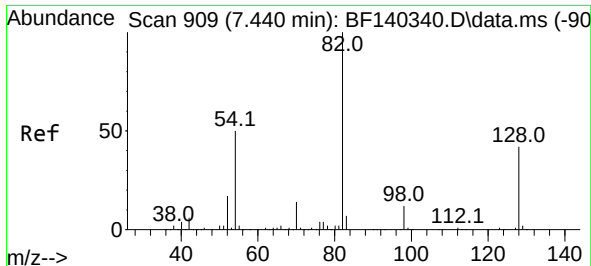
136 100

137 11.0 8.7 13.1

54 7.6 6.5 9.7

68 6.0 5.0 7.6

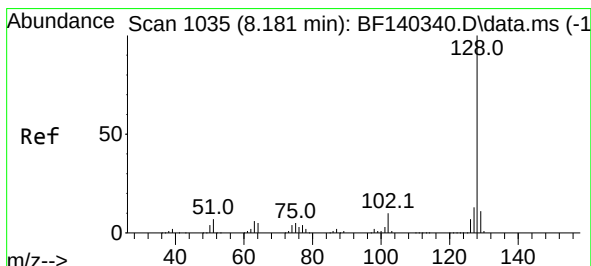
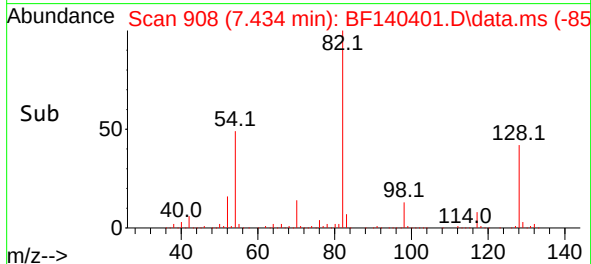
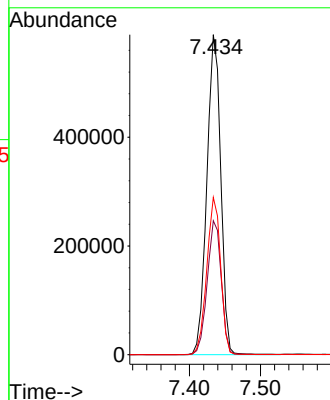
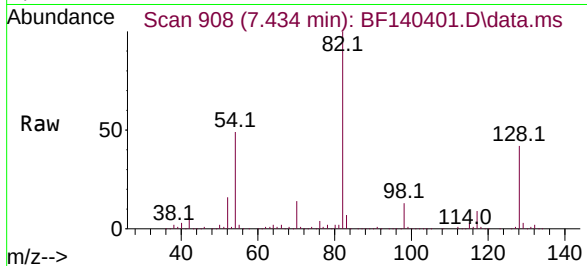




#23
Nitrobenzene-d5
Concen: 88.838 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

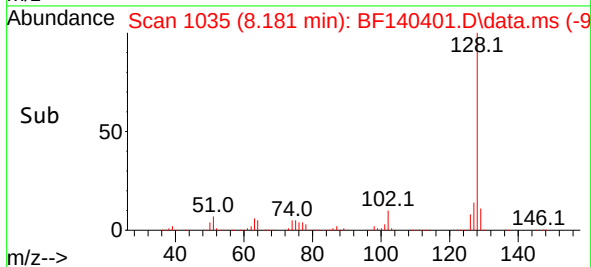
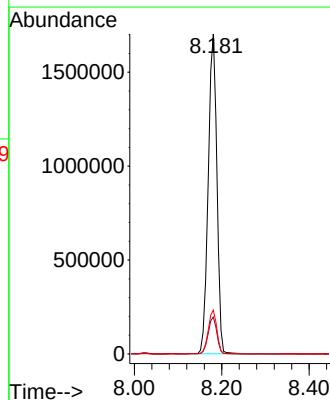
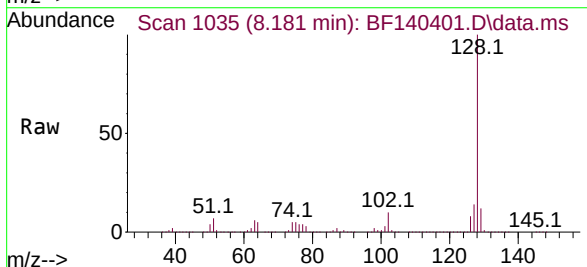
Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C

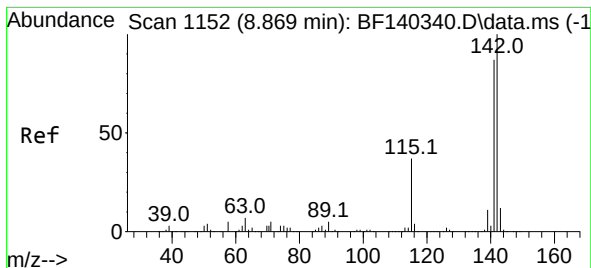
Tgt Ion: 82 Resp: 804150
Ion Ratio Lower Upper
82 100
128 41.8 33.3 49.9
54 49.2 39.8 59.8



#31
Naphthalene
Concen: 98.240 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Tgt Ion:128 Resp: 2350382
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.7 10.6 15.8





#37

2-Methylnaphthalene

Concen: 19.762 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140401.D

Acq: 15 Nov 2024 14:10

Instrument :

BNA_F

ClientSampleId :

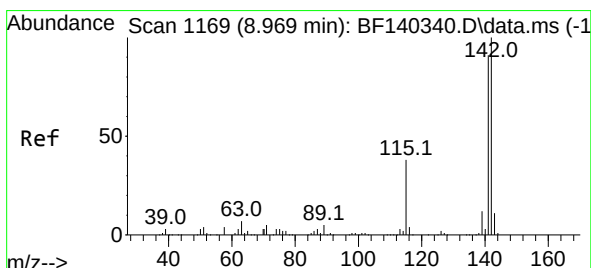
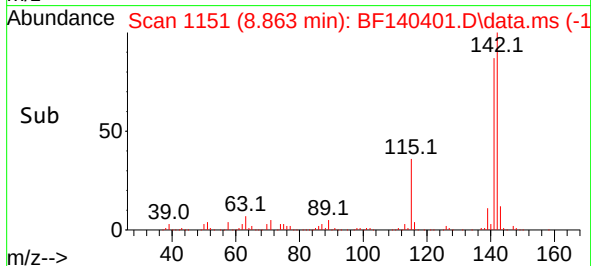
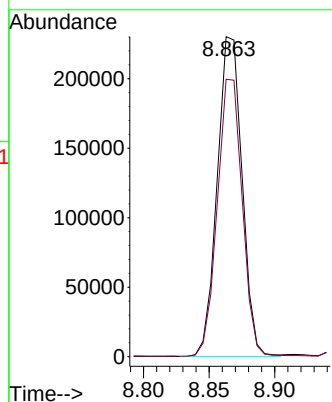
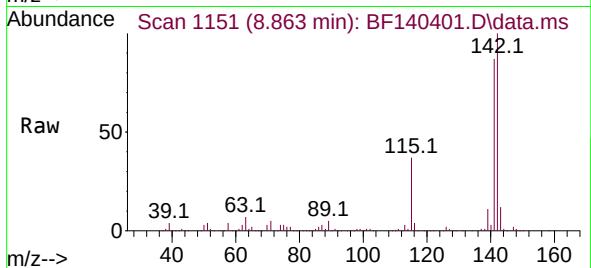
WC-TA1-03-C

Tgt Ion:142 Resp: 303169

Ion Ratio Lower Upper

142 100

141 86.7 70.4 105.6



#38

1-Methylnaphthalene

Concen: 25.675 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140401.D

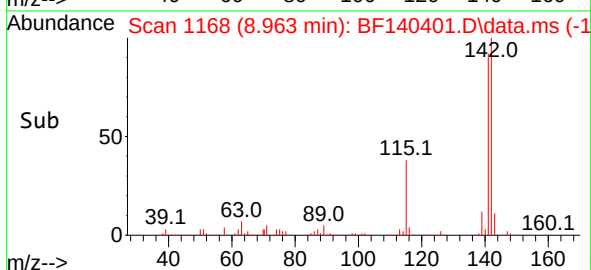
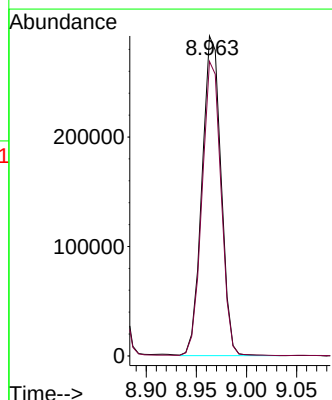
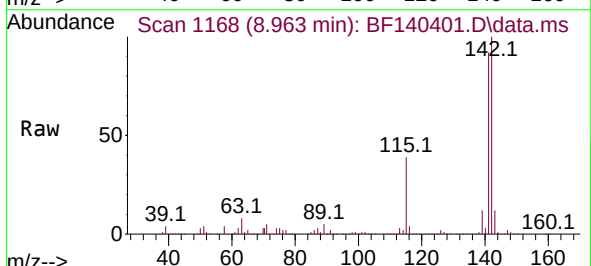
Acq: 15 Nov 2024 14:10

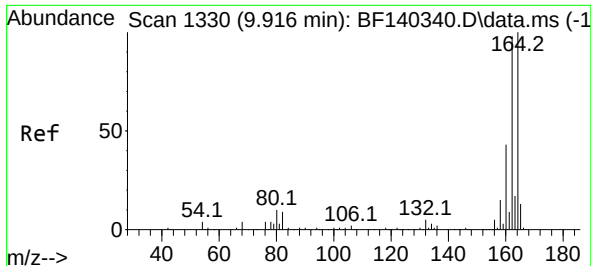
Tgt Ion:142 Resp: 385705

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4

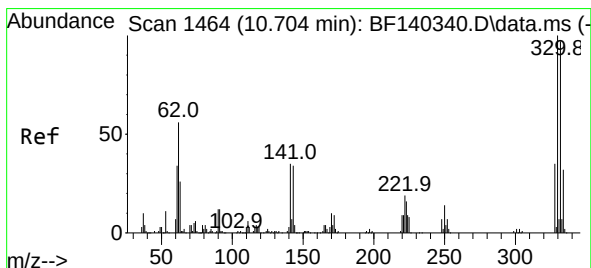
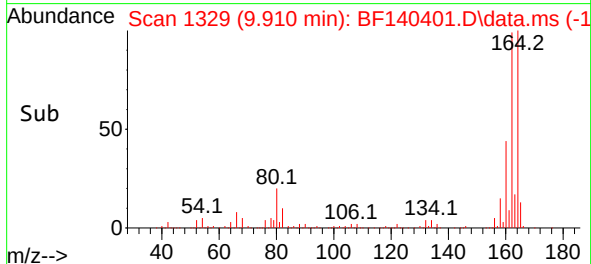
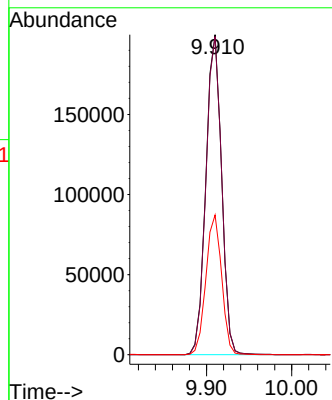
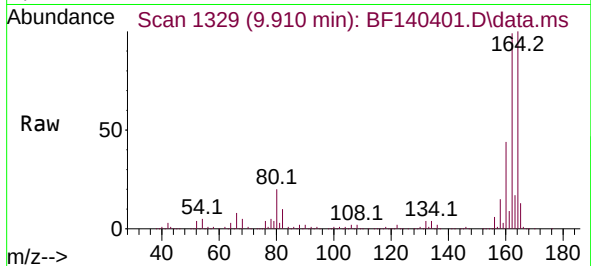




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

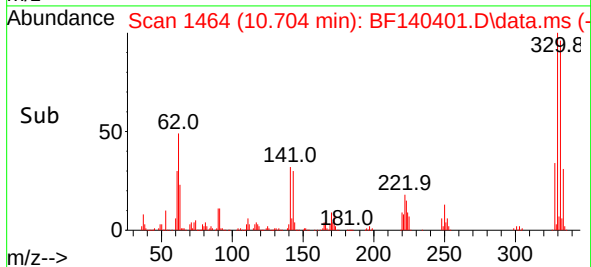
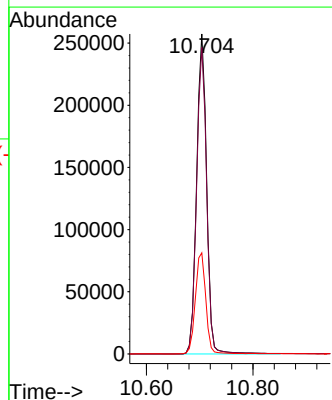
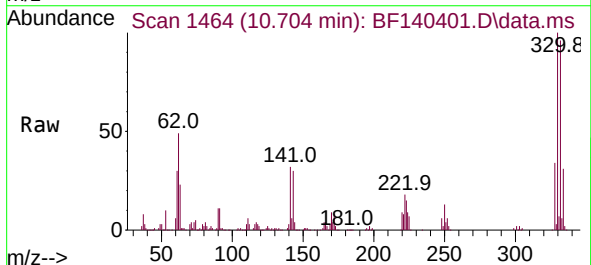
Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C

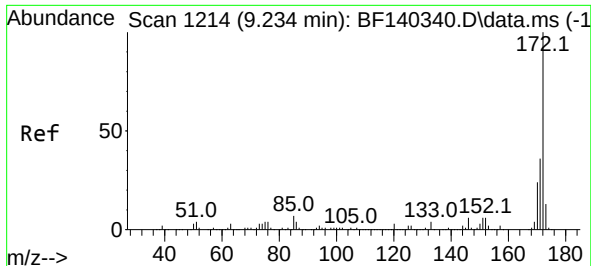
Tgt Ion:164 Resp: 256063
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 132.562 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Tgt Ion:330 Resp: 337548
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 33.0 26.9 40.3

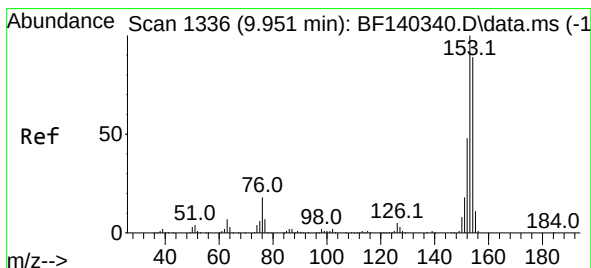
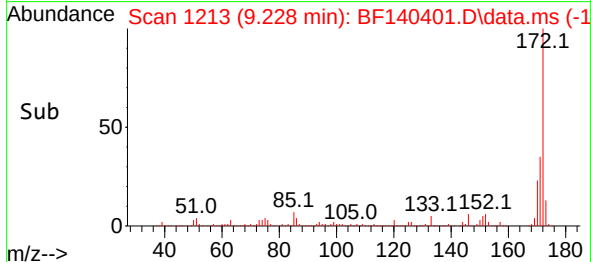
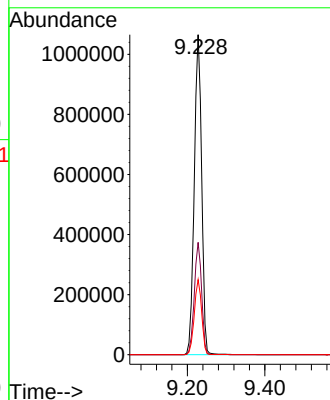
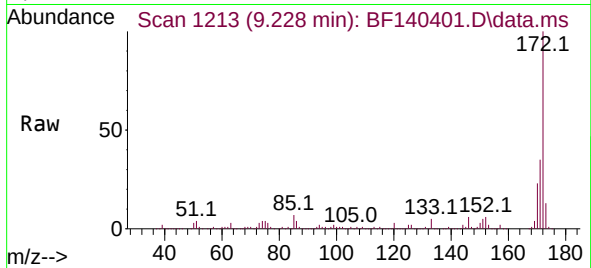




#45
2-Fluorobiphenyl
Concen: 88.692 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

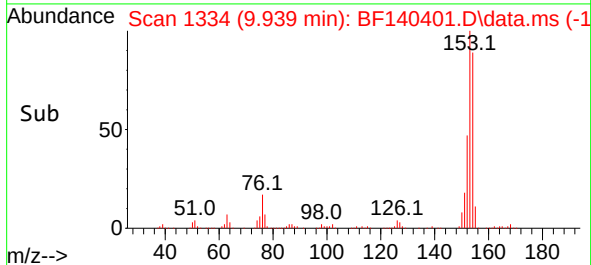
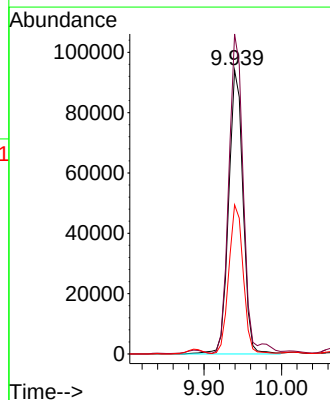
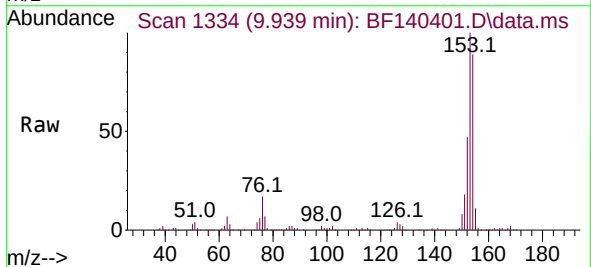
Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C

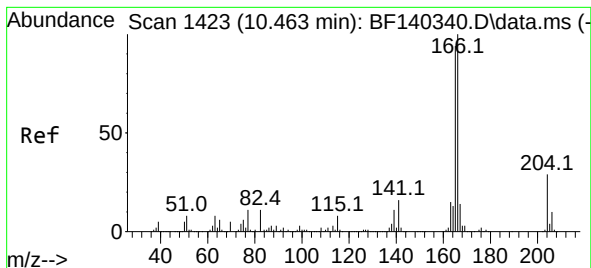
Tgt Ion:172 Resp: 1412762
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.5 19.1 28.7



#52
Acenaphthene
Concen: 8.373 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Tgt Ion:154 Resp: 121416
Ion Ratio Lower Upper
154 100
153 112.7 89.8 134.8
152 52.6 42.6 64.0





#58

Fluorene

Concen: 4.552 ng

RT: 10.457 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF140401.D

Acq: 15 Nov 2024 14:10

Instrument :

BNA_F

ClientSampleId :

WC-TA1-03-C

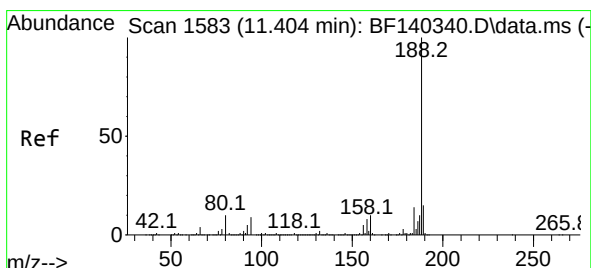
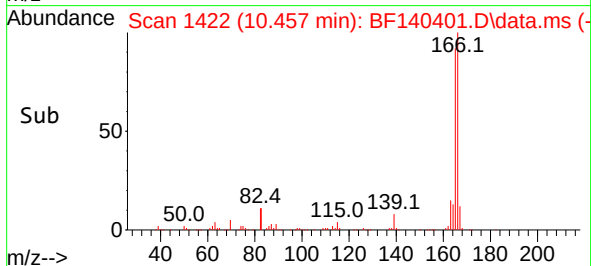
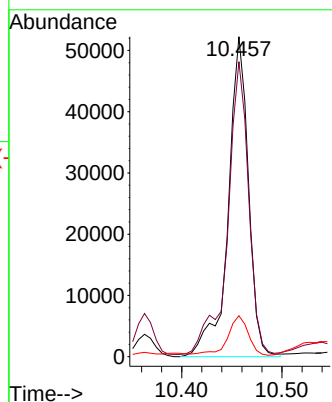
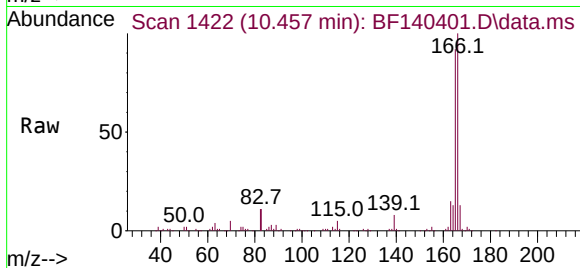
Tgt Ion:166 Resp: 73822

Ion Ratio Lower Upper

166 100

165 92.2 73.9 110.9

167 12.8 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: BF140401.D

Acq: 15 Nov 2024 14:10

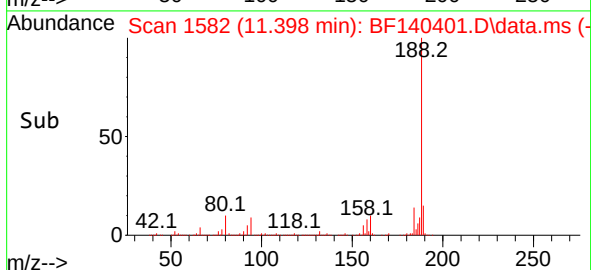
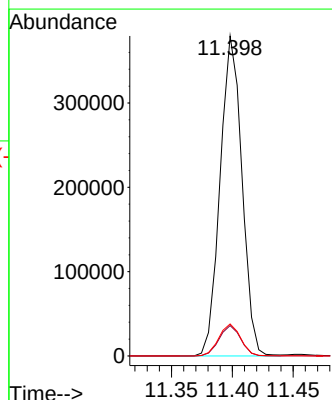
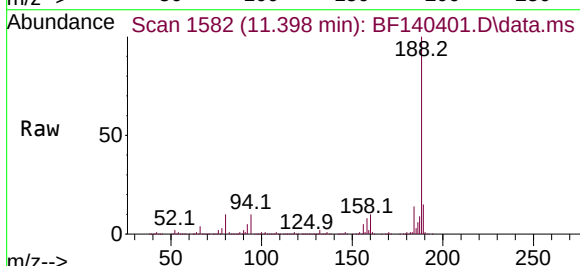
Tgt Ion:188 Resp: 474276

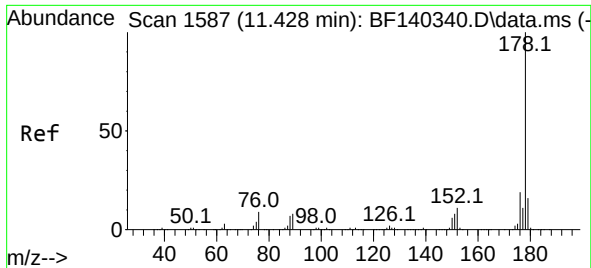
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.0 8.0 12.0



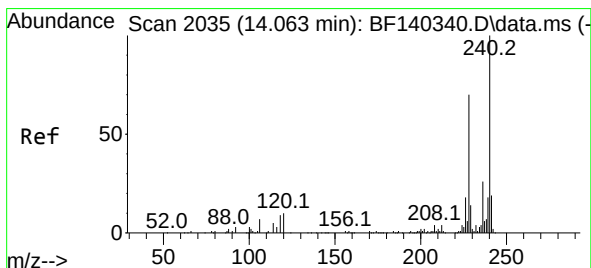
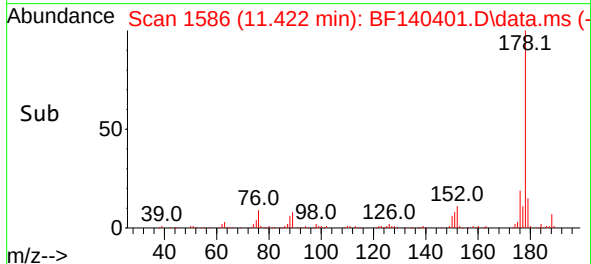
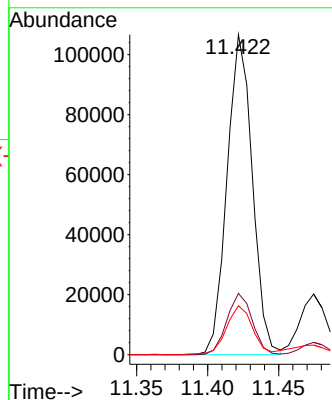
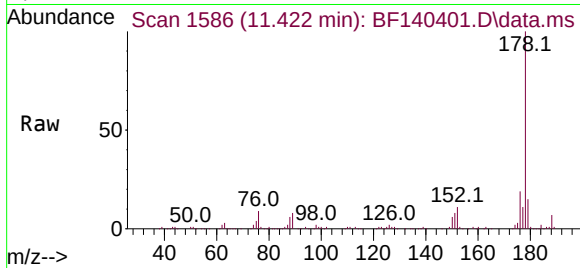


#71
Phenanthrene
Concen: 5.932 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C

Tgt Ion:178 Resp: 132157

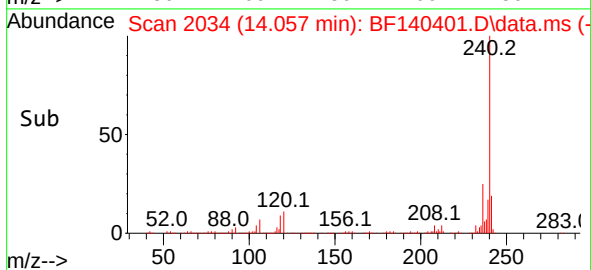
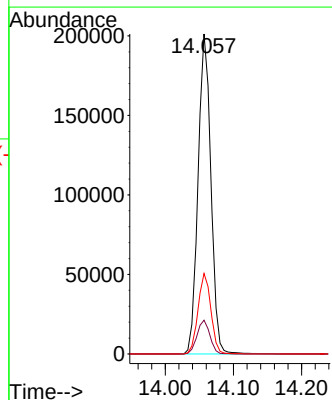
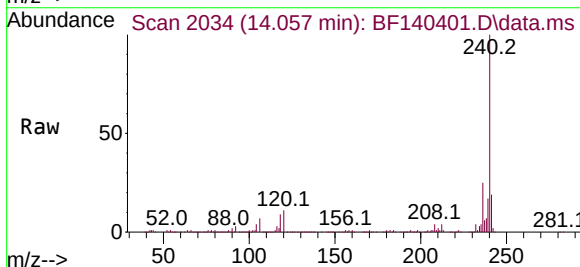
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.3	12.4	18.6

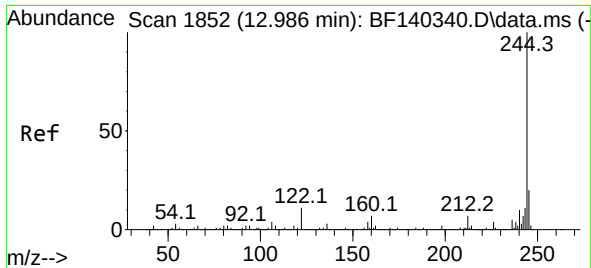


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Tgt Ion:240 Resp: 262792

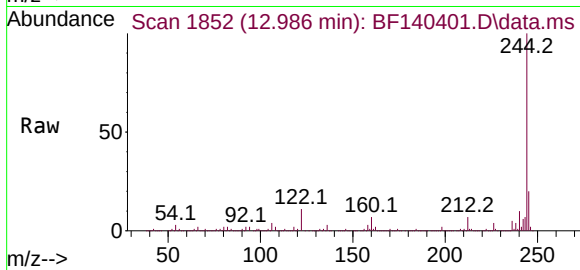
Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.8	13.2
236	25.2	20.9	31.3



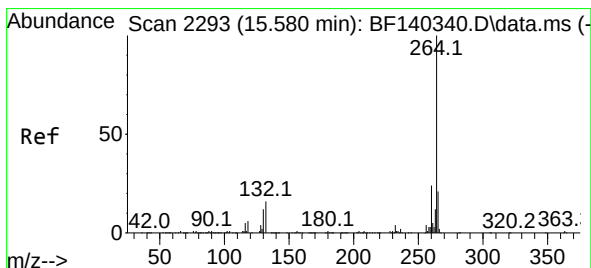
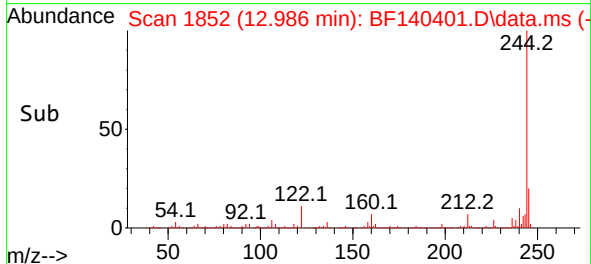
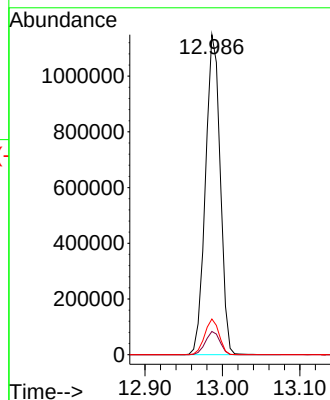


#79
Terphenyl-d14
Concen: 100.301 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Instrument :
BNA_F
ClientSampleId :
WC-TA1-03-C



Tgt Ion:244 Resp: 1518518
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: 15.580 min Scan# 2293
Delta R.T. 0.024 min
Lab File: BF140401.D
Acq: 15 Nov 2024 14:10

Tgt Ion:264 Resp: 270502
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.5 17.1 25.7

