

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140295.D
 Acq On : 08 Nov 2024 13:40
 Operator : RC/JU
 Sample : P4739-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Nov 08 14:31:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

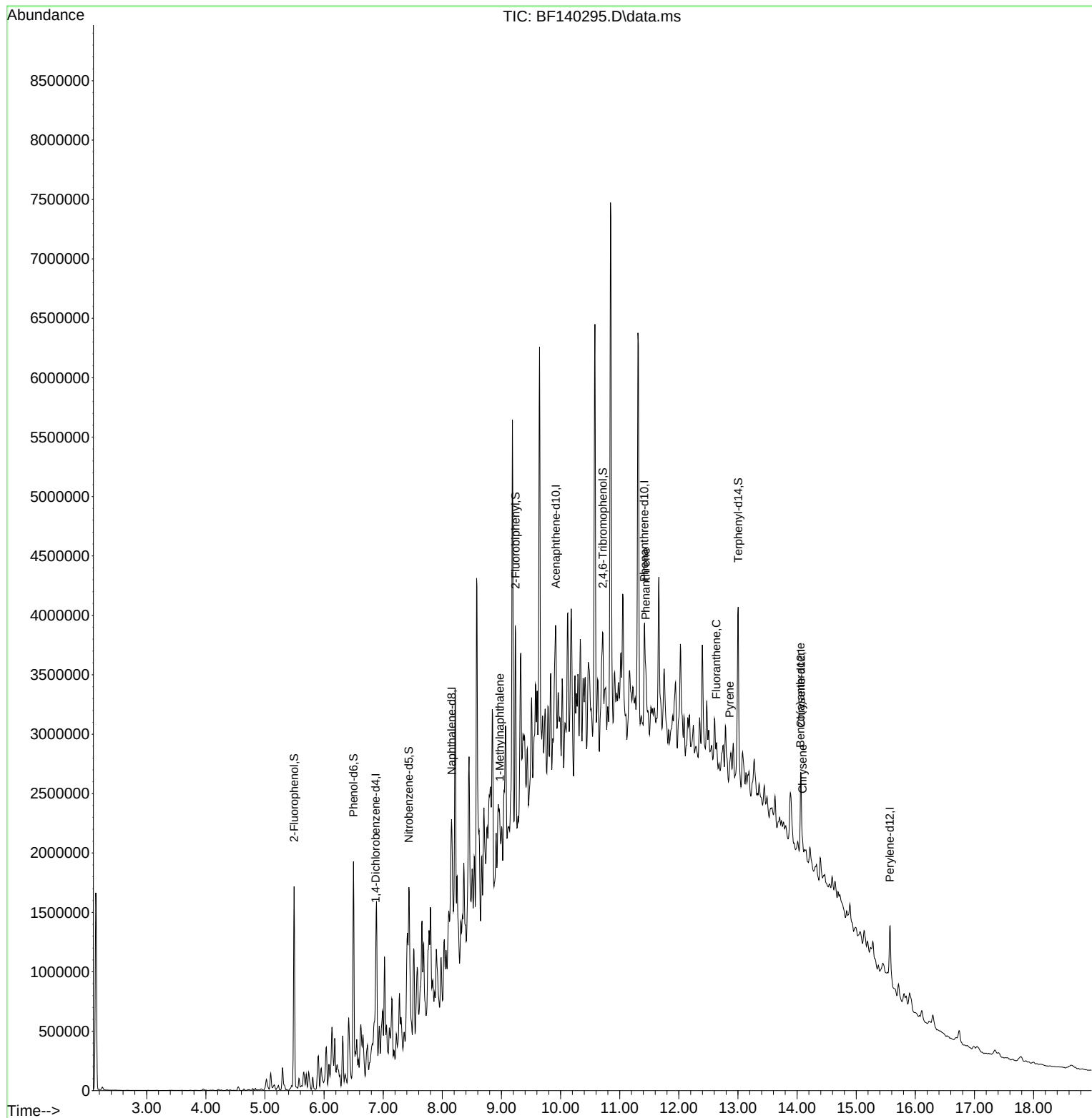
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	114424	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	407029	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	211584	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	303754	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	255769	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	293272	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	603950	87.470	ng	0.00
7) Phenol-d6	6.498	99	774419	87.199	ng	0.00
23) Nitrobenzene-d5	7.434	82	523470	63.942	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	165282	79.029	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	845702	63.824	ng	0.00
79) Terphenyl-d14	13.004	244	702388	44.986	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	8.975	142	97938	7.284	ng	95
71) Phenanthrene	11.439	178	189723	13.088	ng	# 88
75) Fluoranthene	12.633	202	42604	2.811	ng	66
78) Pyrene	12.863	202	75349	3.568	ng	# 80
81) Benzo(a)anthracene	14.057	228	41395	2.522	ng	# 56
83) Chrysene	14.092	228	50411	3.280	ng	# 64

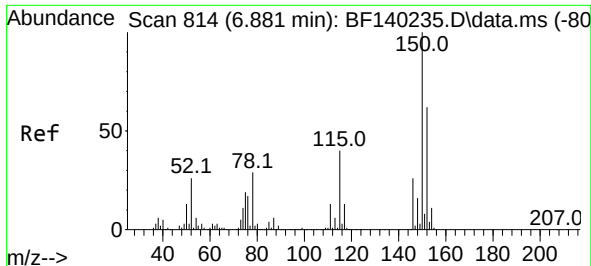
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
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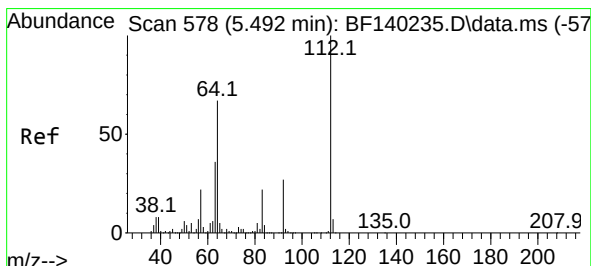
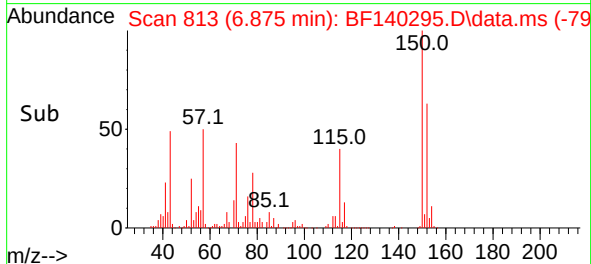
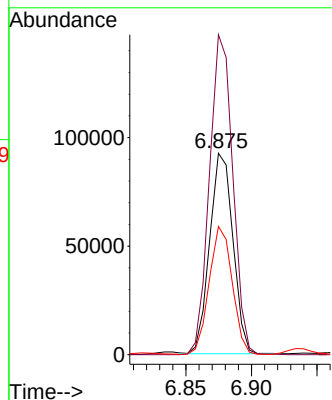
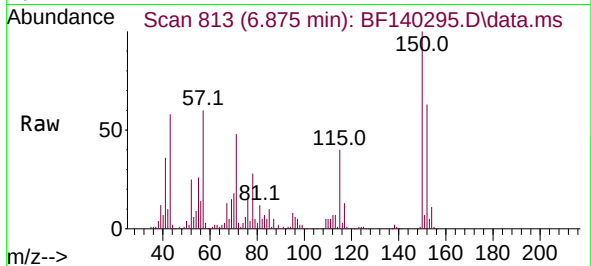




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

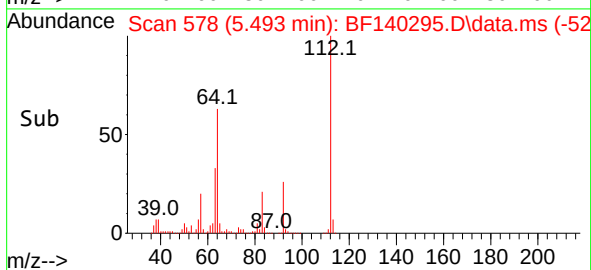
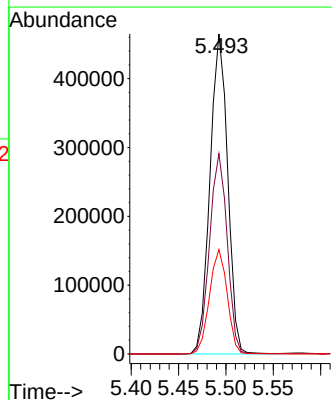
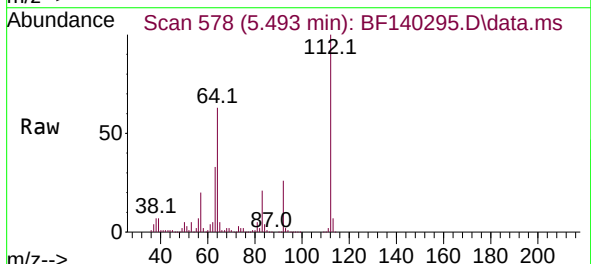
Instrument :
BNA_F
ClientSampleId :
TP-14

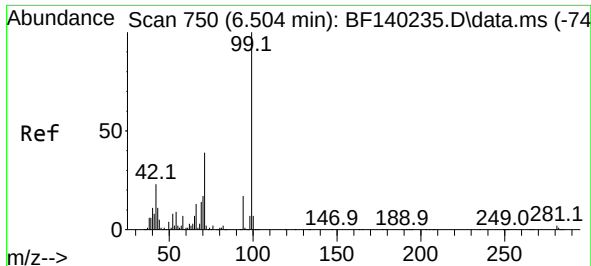
Tgt Ion:152 Resp: 114424
Ion Ratio Lower Upper
152 100
150 158.8 129.4 194.2
115 63.7 51.5 77.3



#5
2-Fluorophenol
Concen: 87.470 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

Tgt Ion:112 Resp: 603950
Ion Ratio Lower Upper
112 100
64 62.6 53.4 80.2
63 32.6 28.9 43.3

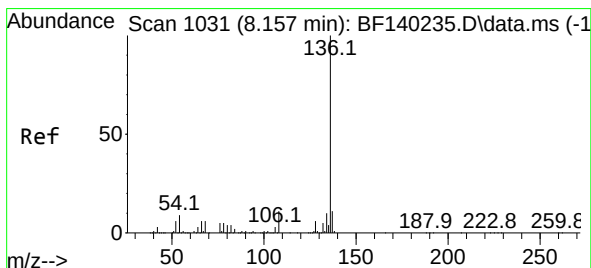
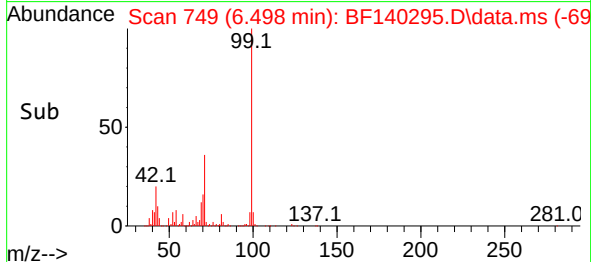
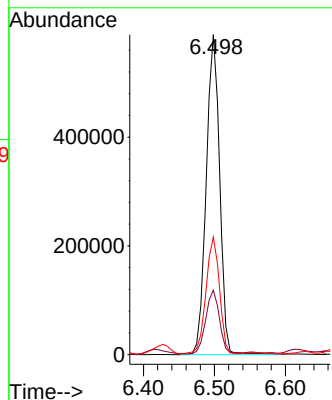
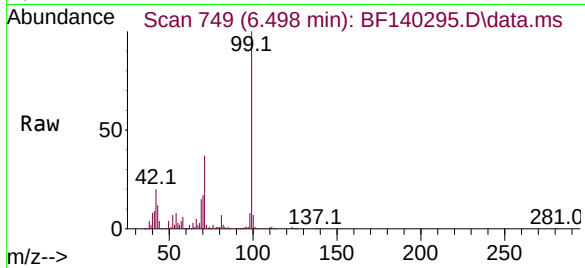




#7
Phenol-d6
Concen: 87.199 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

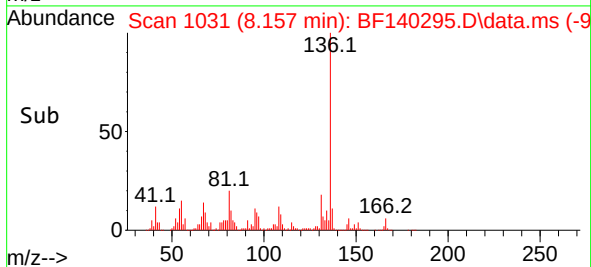
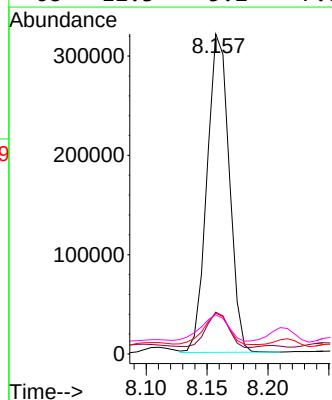
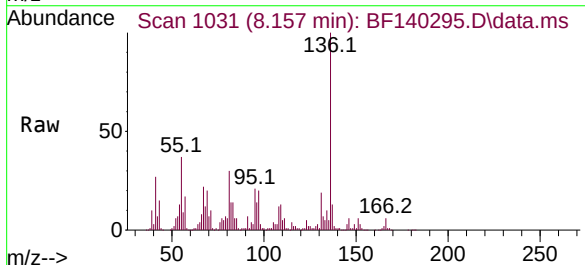
Instrument :
BNA_F
ClientSampleId :
TP-14

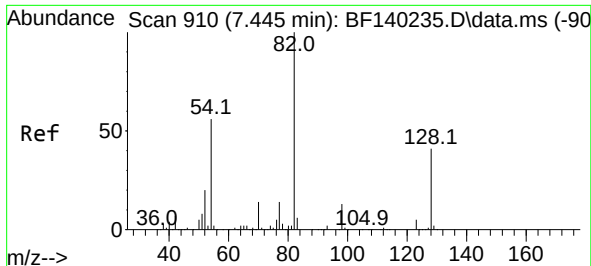
Tgt Ion: 99 Resp: 774419
Ion Ratio Lower Upper
99 100
42 20.1 18.2 27.2
71 36.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

Tgt Ion: 136 Resp: 407029
Ion Ratio Lower Upper
136 100
137 13.1 9.0 13.6
54 12.8 7.7 11.5#
68 12.3 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 63.942 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

Instrument :

BNA_F

ClientSampleId :

TP-14

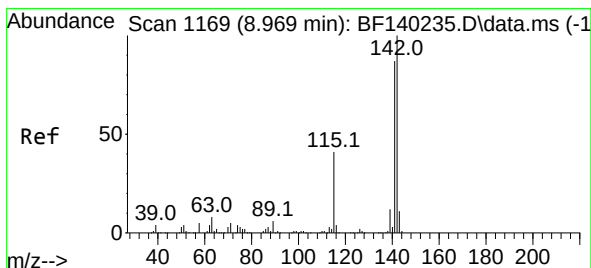
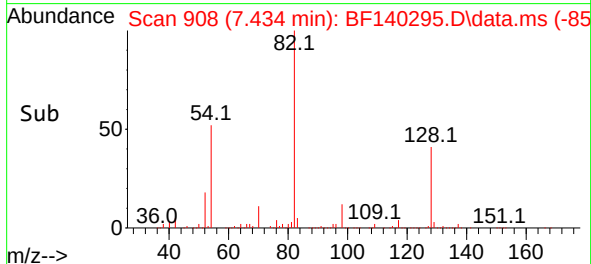
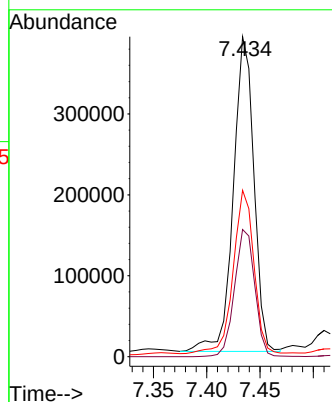
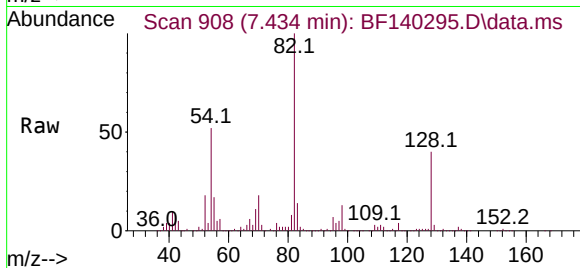
Tgt Ion: 82 Resp: 523470

Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 52.0 44.3 66.5



#38

1-Methylnaphthalene

Concen: 7.284 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF140295.D

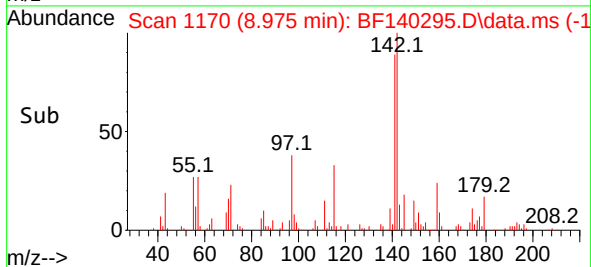
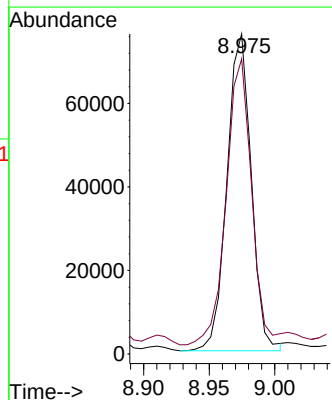
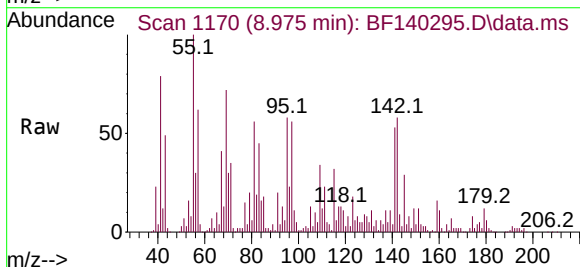
Acq: 08 Nov 2024 13:40

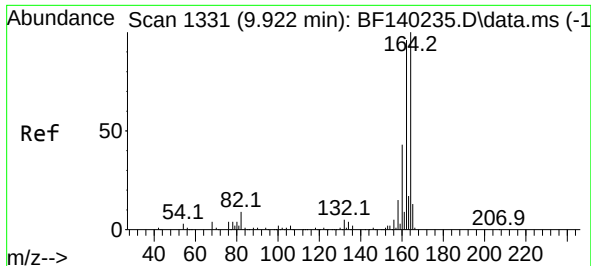
Tgt Ion:142 Resp: 97938

Ion Ratio Lower Upper

142 100

141 92.2 69.7 104.5

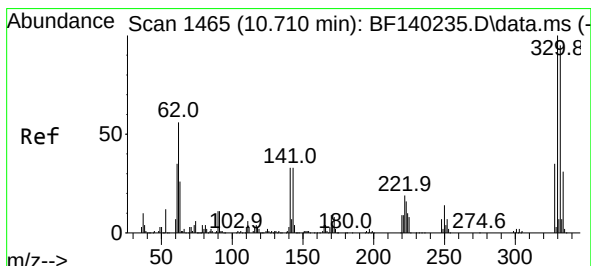
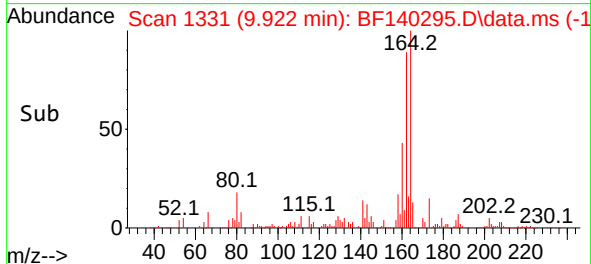
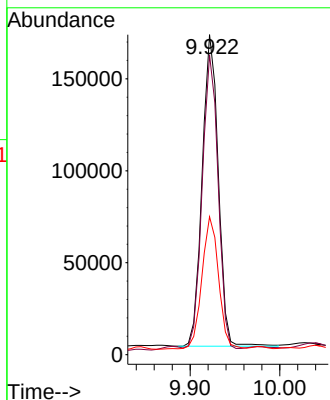
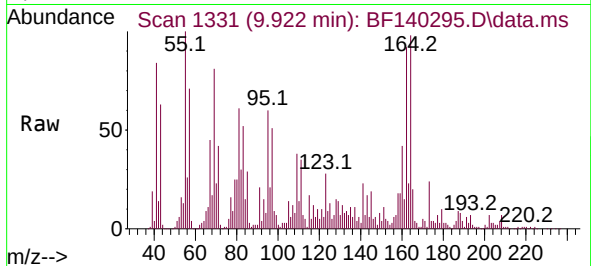




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

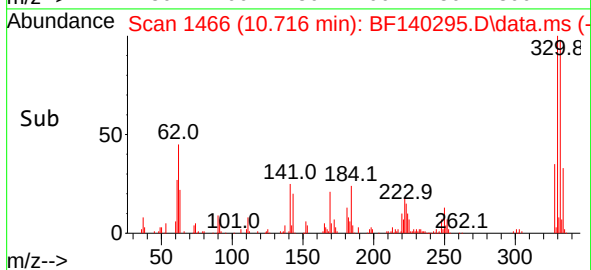
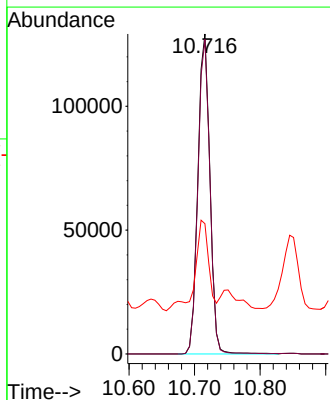
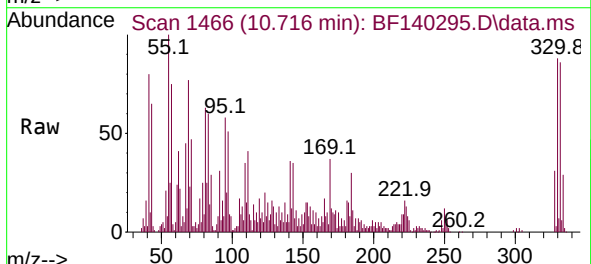
Instrument :
BNA_F
ClientSampleId :
TP-14

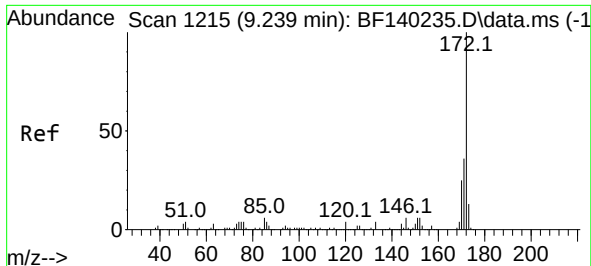
Tgt Ion:164 Resp: 211584
Ion Ratio Lower Upper
164 100
162 93.7 77.0 115.4
160 43.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 79.029 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

Tgt Ion:330 Resp: 165282
Ion Ratio Lower Upper
330 100
332 98.0 76.4 114.6
141 24.0 27.0 40.4#





#45

2-Fluorobiphenyl

Concen: 63.824 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

Instrument :

BNA_F

ClientSampleId :

TP-14

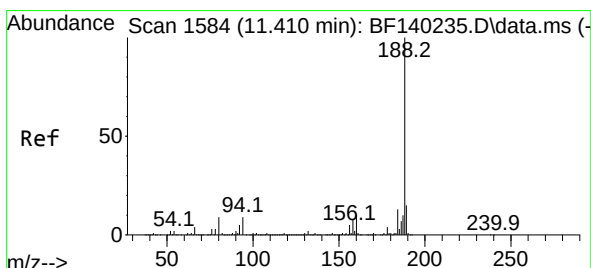
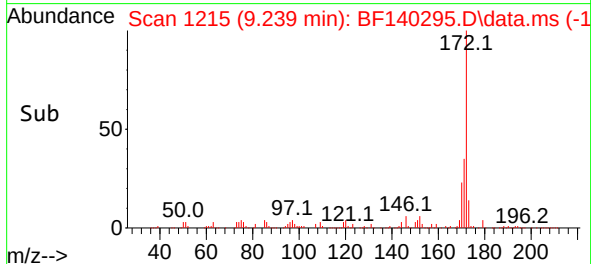
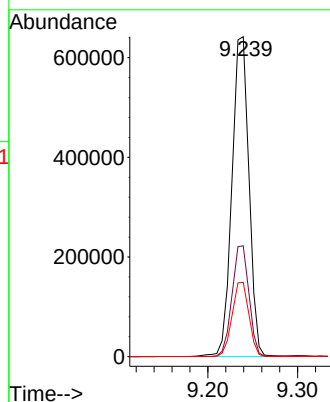
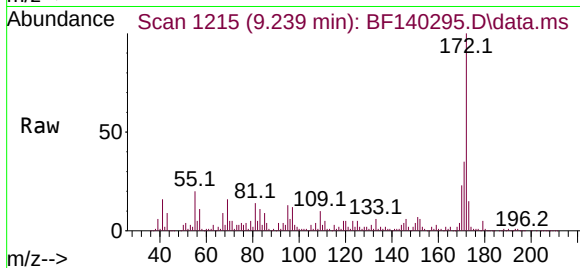
Tgt Ion:172 Resp: 845702

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.2 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.006 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

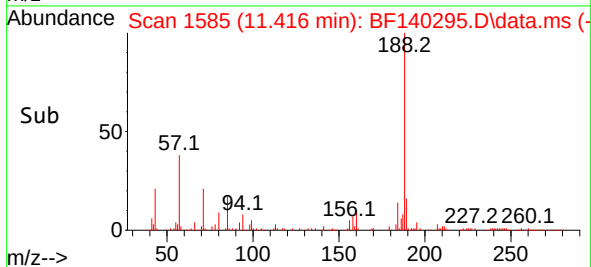
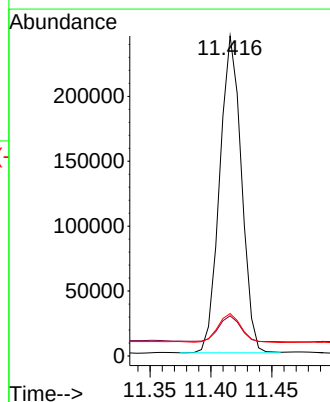
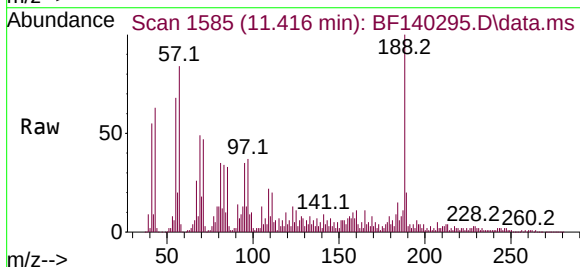
Tgt Ion:188 Resp: 303754

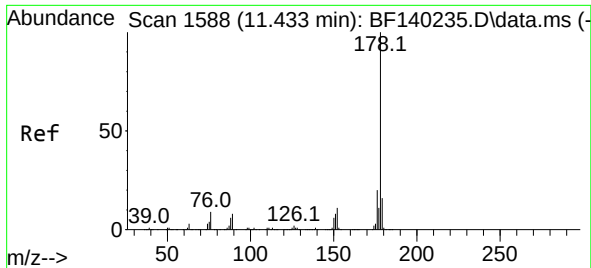
Ion Ratio Lower Upper

188 100

94 12.6 6.9 10.3#

80 13.3 7.5 11.3#

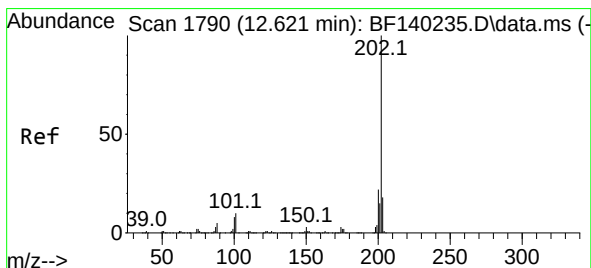
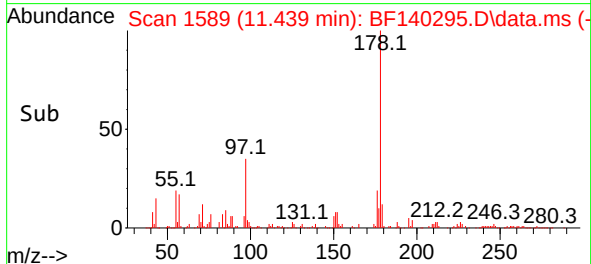
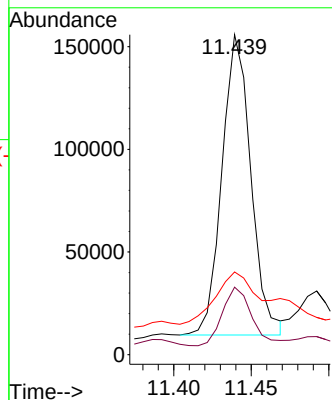
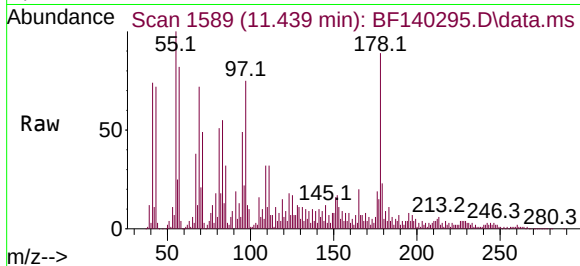




#71
Phenanthrene
Concen: 13.088 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

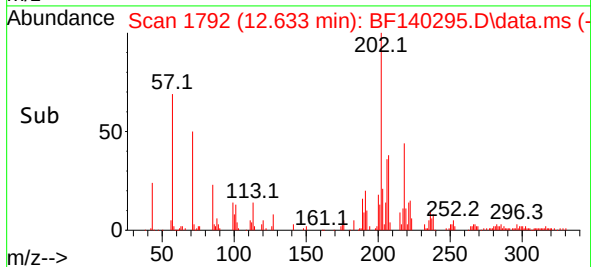
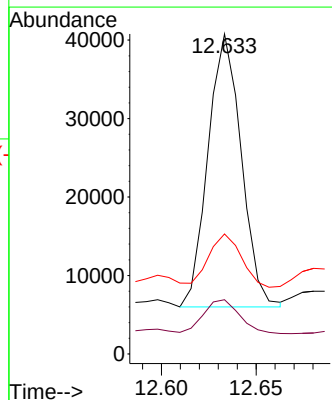
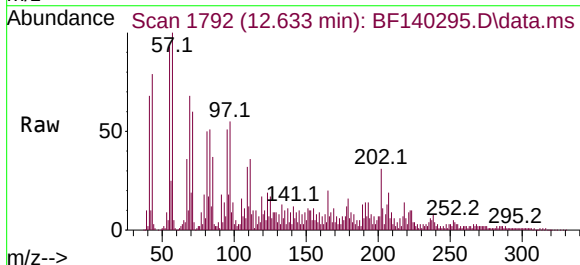
Instrument :
BNA_F
ClientSampleId :
TP-14

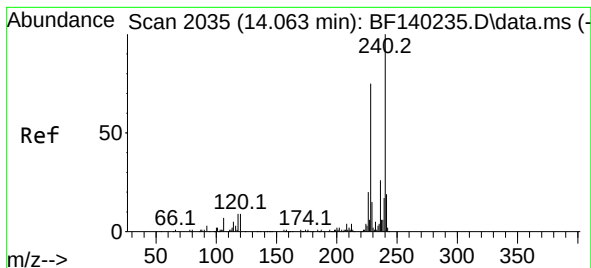
Tgt Ion:178 Resp: 189723
Ion Ratio Lower Upper
178 100
176 21.1 15.9 23.9
179 25.8 12.6 18.8#



#75
Fluoranthene
Concen: 2.811 ng
RT: 12.633 min Scan# 1792
Delta R.T. 0.012 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

Tgt Ion:202 Resp: 42604
Ion Ratio Lower Upper
202 100
101 17.0 0.0 30.4
203 37.5 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

Instrument :

BNA_F

ClientSampleId :

TP-14

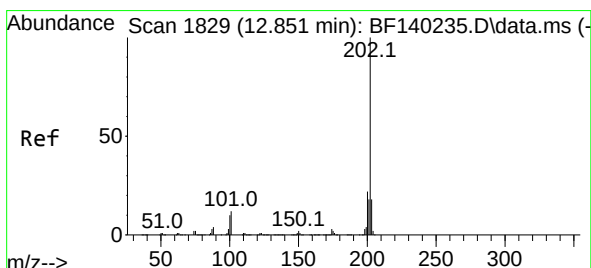
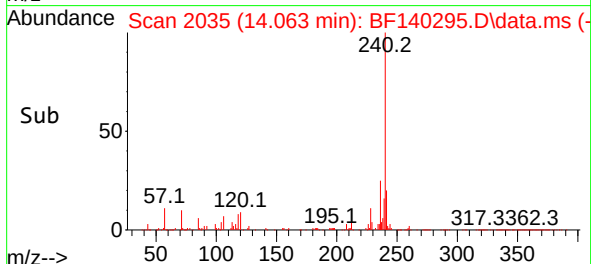
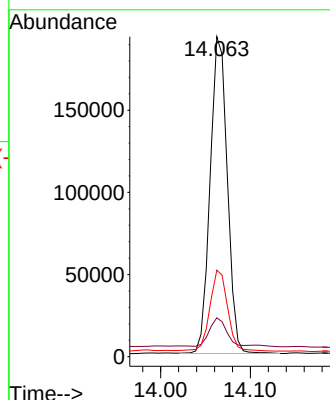
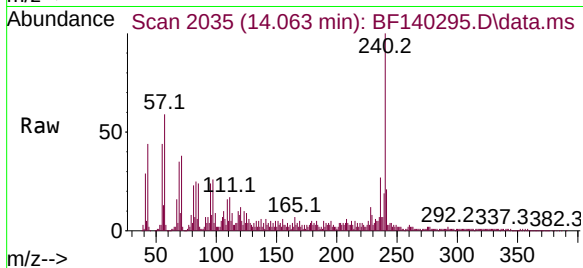
Tgt Ion:240 Resp: 255769

Ion Ratio Lower Upper

240 100

120 12.1 7.5 11.3#

236 27.0 20.9 31.3



#78

Pyrene

Concen: 3.568 ng

RT: 12.863 min Scan# 1831

Delta R.T. 0.012 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

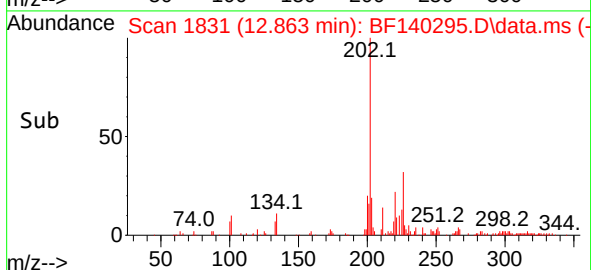
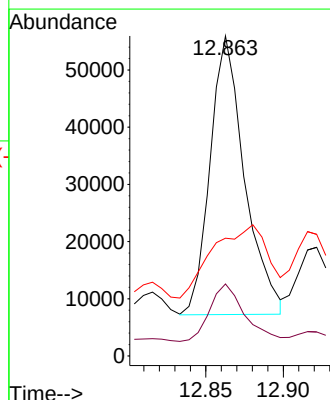
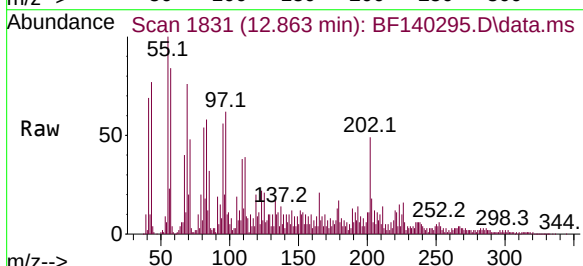
Tgt Ion:202 Resp: 75349

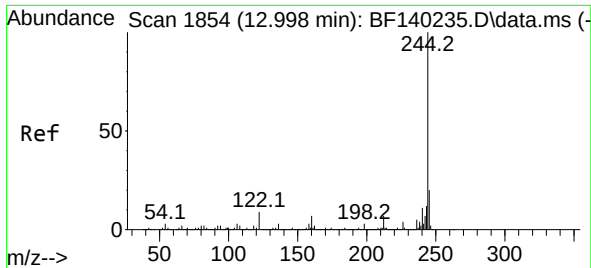
Ion Ratio Lower Upper

202 100

200 22.5 17.5 26.3

203 36.8 14.4 21.6#

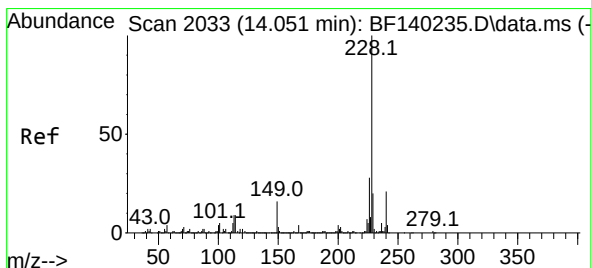
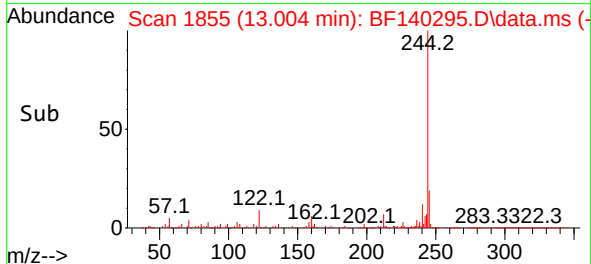
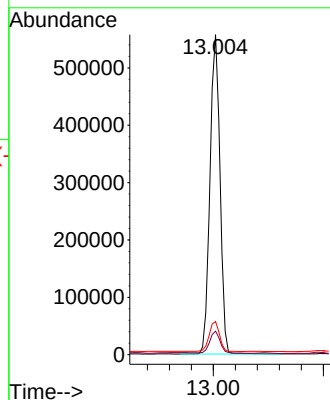
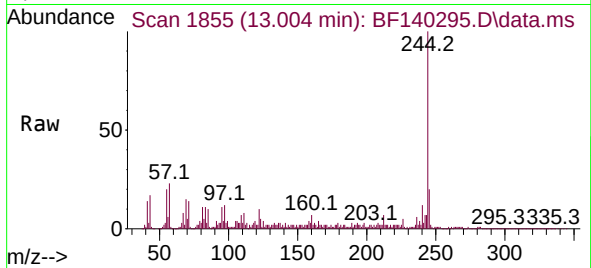




#79
Terphenyl-d14
Concen: 44.986 ng
RT: 13.004 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

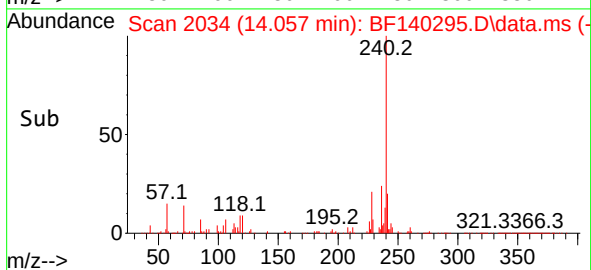
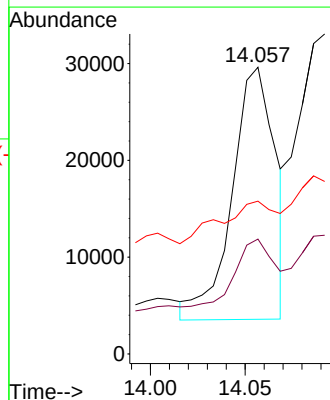
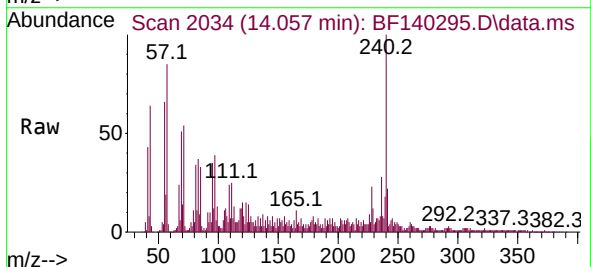
Instrument :
BNA_F
ClientSampleId :
TP-14

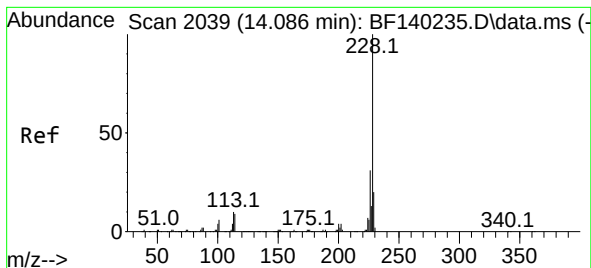
Tgt Ion:244 Resp: 702388
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.4 7.6 11.4



#81
Benzo(a)anthracene
Concen: 2.522 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140295.D
Acq: 08 Nov 2024 13:40

Tgt Ion:228 Resp: 41395
Ion Ratio Lower Upper
228 100
226 40.1 22.3 33.5#
229 53.3 16.1 24.1#





#83

Chrysene

Concen: 3.280 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

Instrument :

BNA_F

ClientSampleId :

TP-14

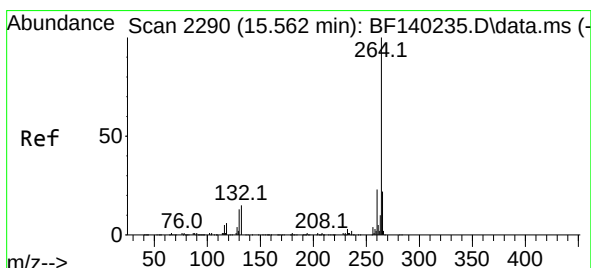
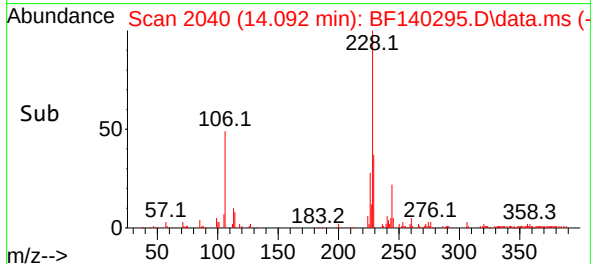
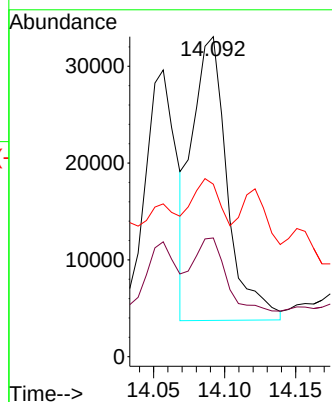
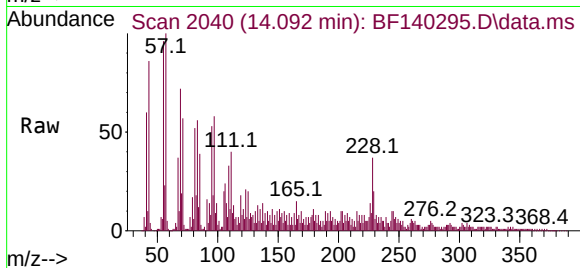
Tgt Ion:228 Resp: 50411

Ion Ratio Lower Upper

228 100

226 37.1 24.6 36.8#

229 53.9 16.1 24.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.006 min

Lab File: BF140295.D

Acq: 08 Nov 2024 13:40

Tgt Ion:264 Resp: 293272

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.0 17.3 25.9

