

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
 Data File : BM013796.D
 Acq On : 25 Jan 2018 07:56
 Operator : SJ/JU
 Sample : J1222-08
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A81

Quant Time: Jan 25 10:56:38 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 25 03:36:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	160513	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	624435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	543280	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	739874	20.00	ng/ul	0.02
75) Chrysene-d12	21.20	240	766832	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	768960	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	12081	2.97	ng/uL	0.00
5) Phenol-d5	6.78	99	276194	22.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	179452	24.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	245298	24.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	188396	19.89	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	118182	24.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	138386	27.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	244639	24.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	97173	11.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	741359	16.56	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	908586	15.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	120196	16.52	ng/ul	0.00
57) Fluorene-d10	15.25	176	633582	16.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	77296	17.36	ng/ul	0.00
70) Anthracene-d10	17.11	188	968482	26.87	ng/ul	0.01
76) Pyrene-d10	19.40	212	1049740	29.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.26	264	976416	27.63	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.81	94	75362	6.098	ng/ul#	86
16) 4-Methylphenol	8.38	108	25429	2.610	ng/ul	86
21) Isophorone	9.31	82	82422	4.076	ng/ul#	80
28) Naphthalene	10.42	128	4343042	139.803	ng/ul	99
34) 2-Methylnaphthalene	12.05	142	3365163	145.292	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	886603	19.605	ng/ul	99
44) Dimethylphthalate	13.72	163	140189	3.184	ng/ul#	92
49) Acenaphthene	14.32	153	2417403	66.812	ng/ul	98
53) Dibenzofuran	14.66	168	2465246	45.291	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	842866	73.907	ng/ul#	92
58) Fluorene	15.31	166	2235806	50.144	ng/ul	99
68) Pentachlorophenol	16.70	266	13607536	2722.331	ng/ul	98
69) Phenanthrene	17.06	178	10334597	251.288	ng/ul	99
71) Anthracene	17.15	178	1548017	36.493	ng/ul	97
72) Carbazole	17.42	167	355847	10.162	ng/ul#	91
74) Fluoranthene	19.07	202	4559699	92.881	ng/ul#	95
77) Pyrene	19.44	202	3284246	70.450	ng/ul#	94
80) Benzo(a)anthracene	21.19	228	525628	11.344	ng/ul	97
82) Chrysene	21.24	228	467476	10.997	ng/ul	97
85) Benzo(b)fluoranthene	22.74	252	179662	3.804	ng/ul#	77
88) Benzo(a)pyrene	23.30	252	95274	2.136	ng/ul#	69

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

Quant Time: Jan 25 10:56:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

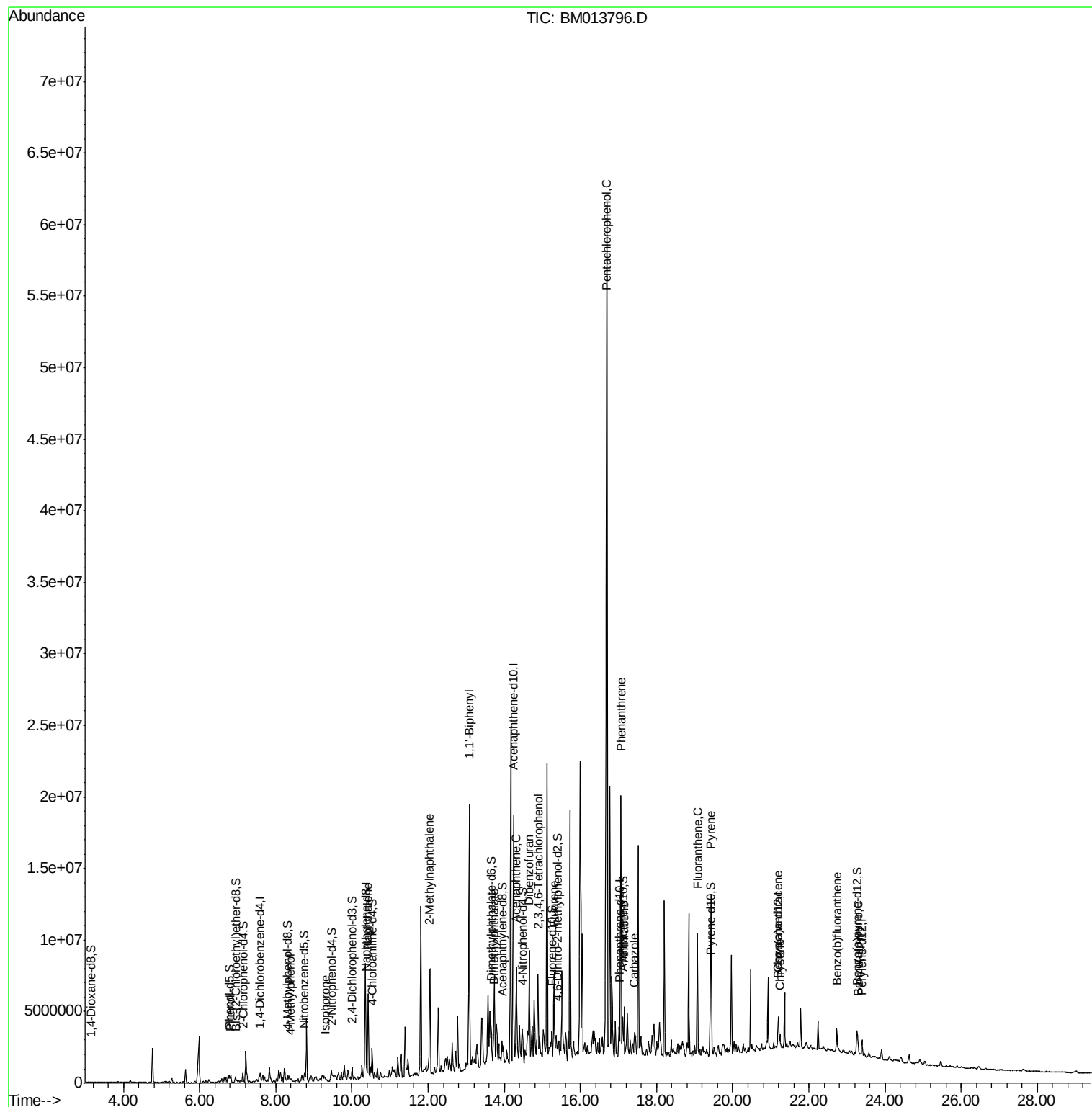
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

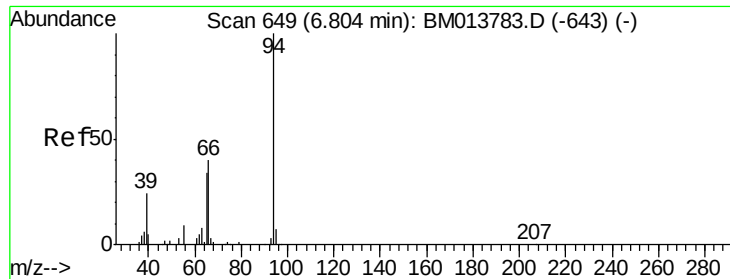
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013796.D
Acq On : 25 Jan 2018 07:56
Operator : SJ/JU
Sample : J1222-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A81

Quant Time: Jan 25 10:56:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration





#6

Phenol

Concen: 6.098 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

F6A81

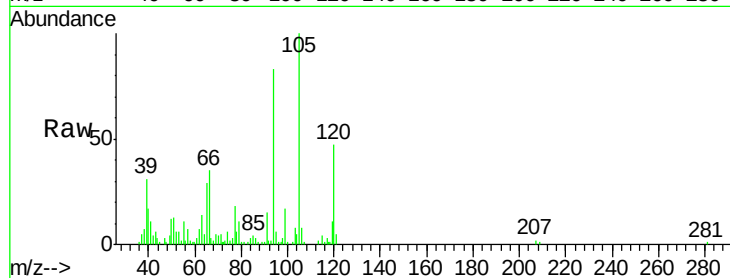
Tot Ion: 94 Resp: 75362

Ion Ratio Lower Upper

94 100

65 35.5 28.2 42.4

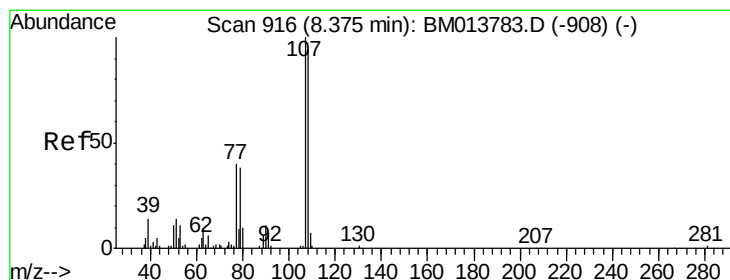
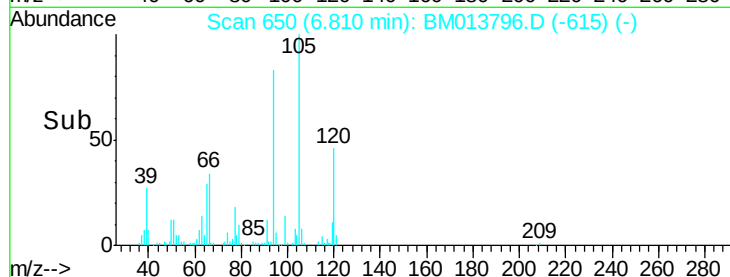
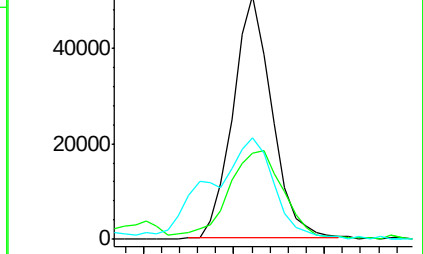
66 41.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013783.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM013783.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM013783.D (-643) (-)



#16

4-Methylphenol

Concen: 2.610 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM013796.D

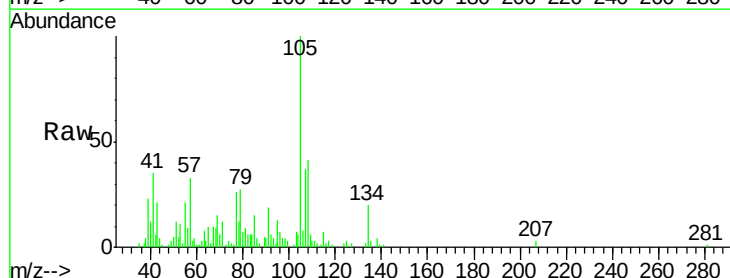
Acq: 25 Jan 2018 07:56

Tgt Ion: 108 Resp: 25429

Ion Ratio Lower Upper

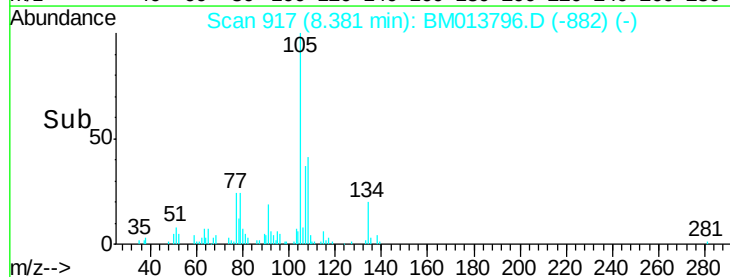
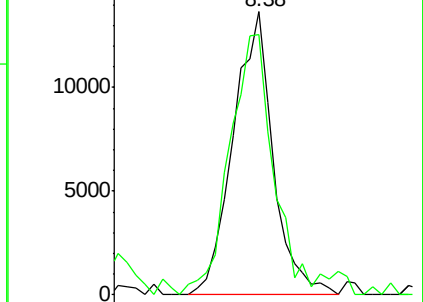
108 100

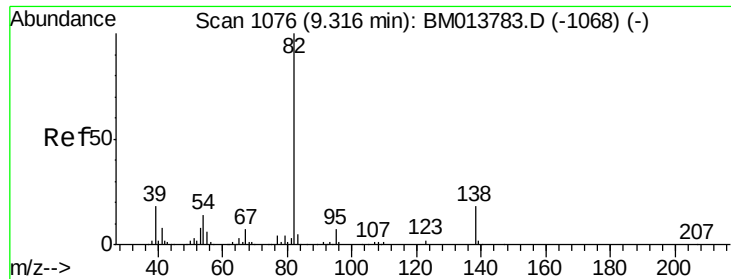
107 91.8 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013783.D (-908) (-)

Ion 107.00 (106.70 to 107.70): BM013783.D (-908) (-)





#21

Isophorone

Concen: 4.076 ng/ul

RT: 9.31 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

F6A81

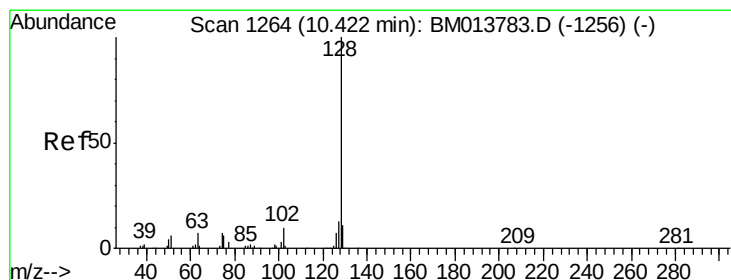
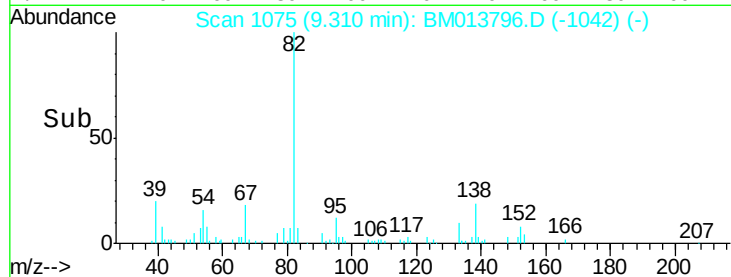
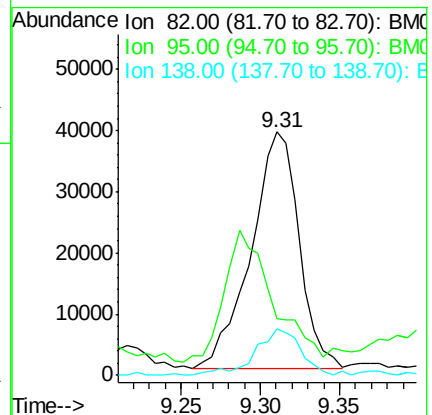
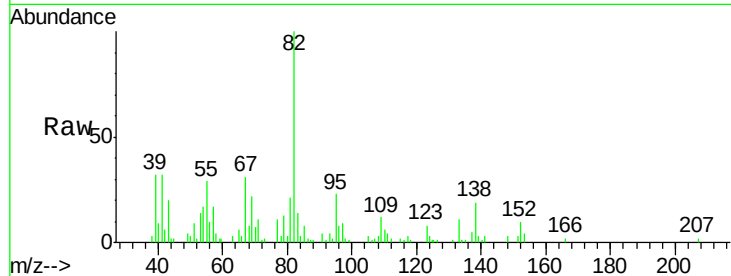
Tot Ion: 82 Resp: 82422

Ion Ratio Lower Upper

82 100

95 23.4 7.8 11.8#

138 18.9 11.9 17.9#



#28

Naphthalene

Concen: 139.803 ng/ul

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

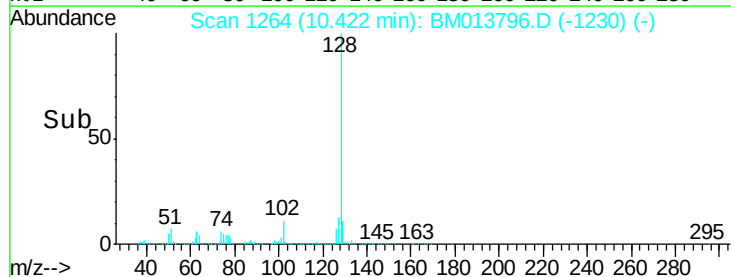
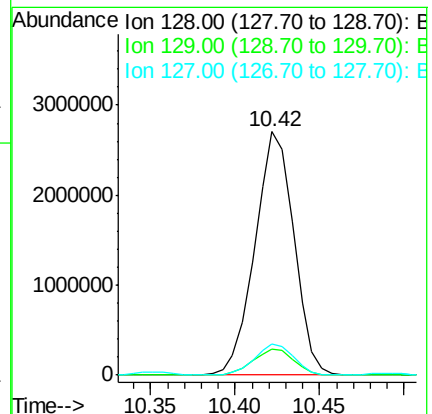
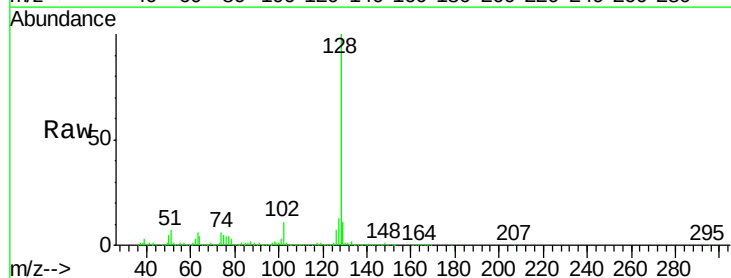
Tgt Ion:128 Resp: 4343042

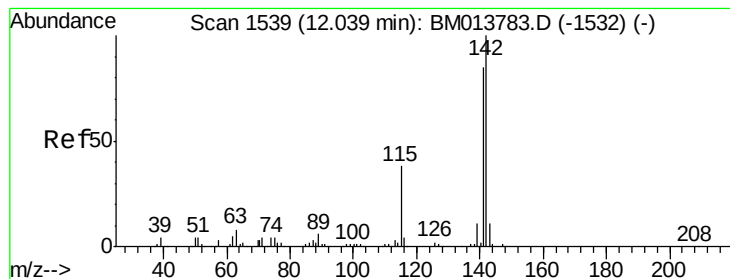
Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

127 12.9 10.6 16.0





#34

2-Methylnaphthalene

Concen: 145.292 ng/ul

RT: 12.05 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

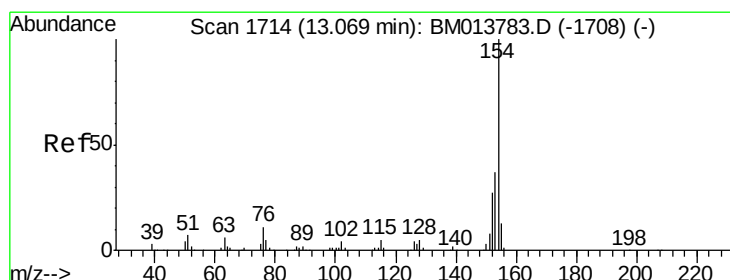
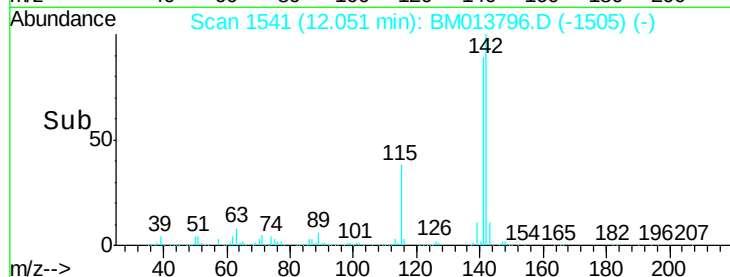
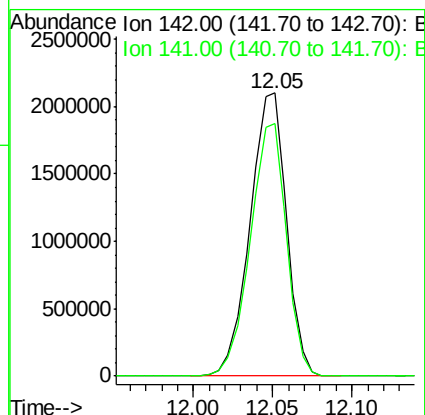
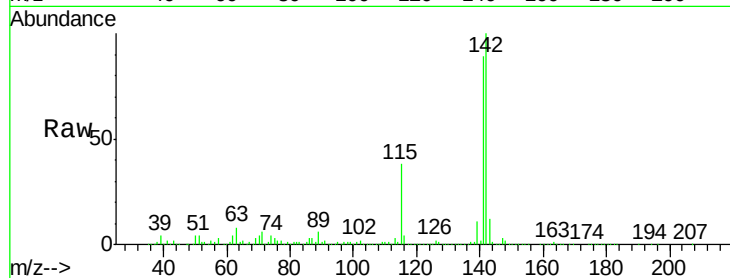
F6A81

Tot Ion:142 Resp: 3365163

Ion Ratio Lower Upper

142 100

141 89.3 74.1 111.1



#40

1,1'-Biphenyl

Concen: 19.605 ng/ul

RT: 13.07 min Scan# 1715

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

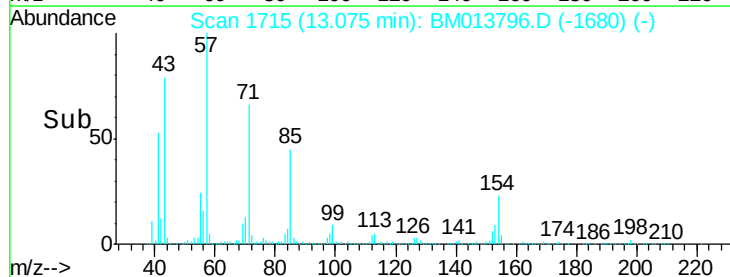
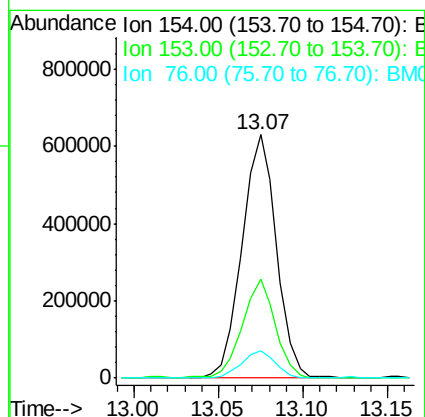
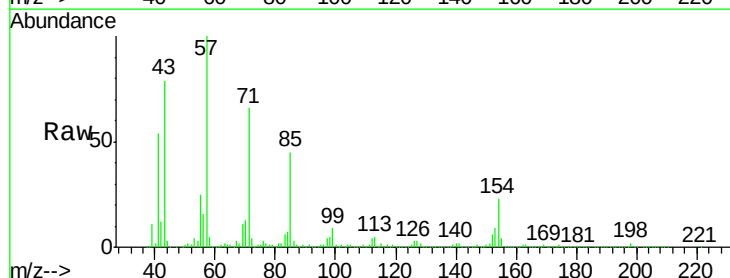
Tgt Ion:154 Resp: 886603

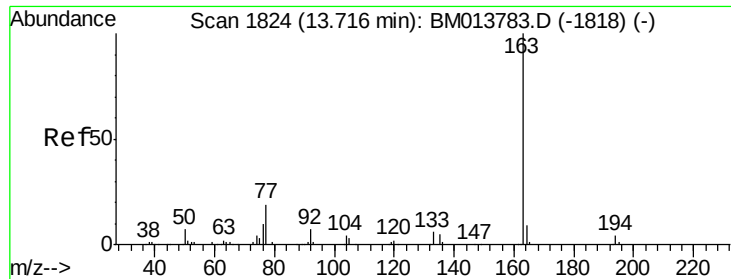
Ion Ratio Lower Upper

154 100

153 40.8 32.6 48.8

76 11.3 8.5 12.7

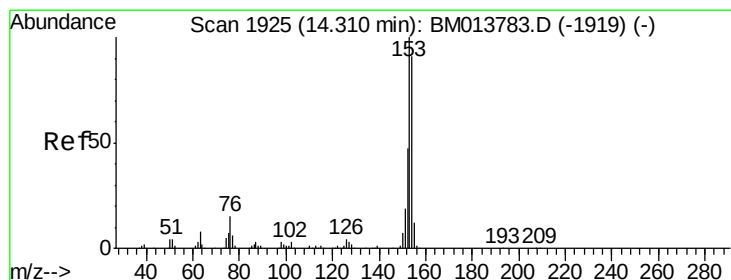
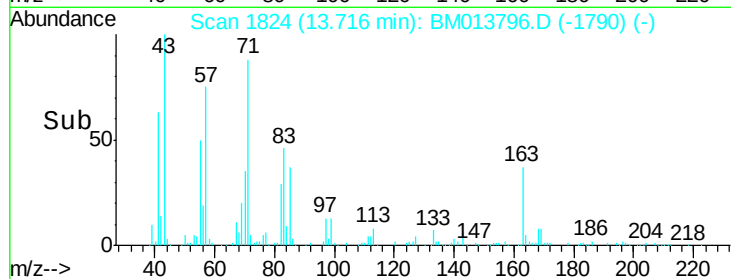
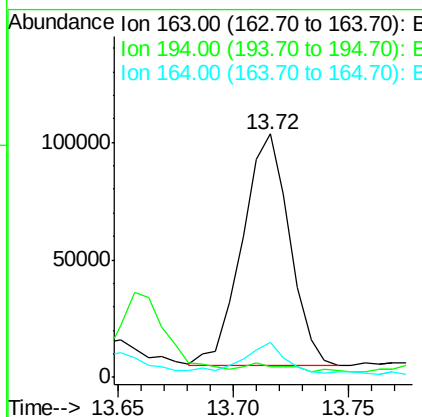
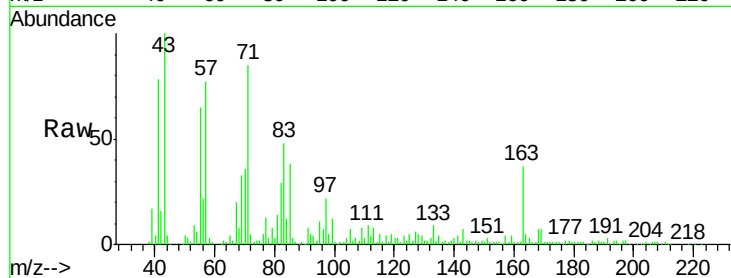




#44
Dimethylphthalate
Concen: 3.184 ng/ul
RT: 13.72 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

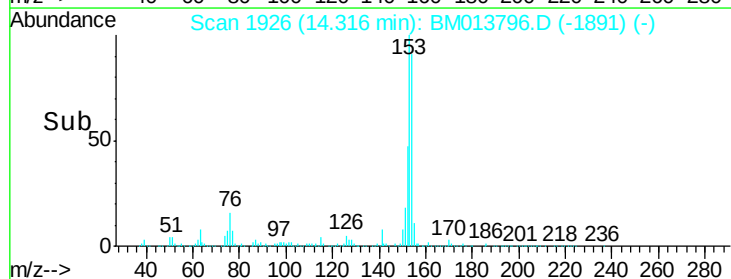
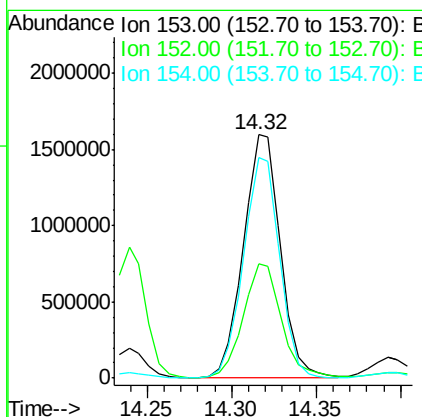
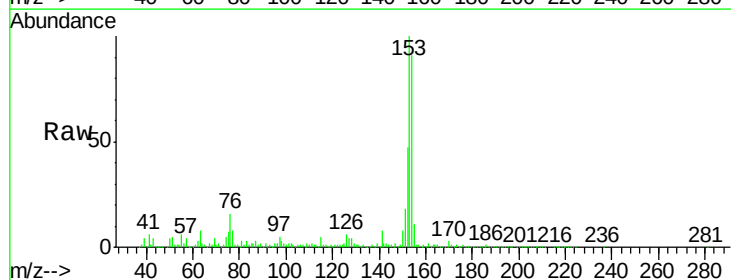
Instrument :
BNA_M
ClientSampled :
F6A81

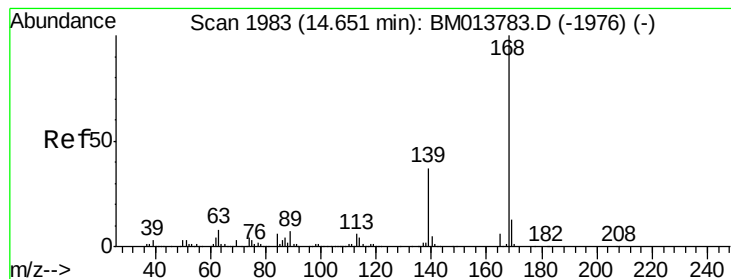
Tot Ion:163 Resp: 140189
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 14.2 8.2 12.4#



#49
Acenaphthene
Concen: 66.812 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM013796.D
Acq: 25 Jan 2018 07:56

Tgt Ion:153 Resp: 2417403
Ion Ratio Lower Upper
153 100
152 46.9 37.6 56.4
154 90.6 70.4 105.6





#53

Dibenzofuran

Concen: 45.291 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

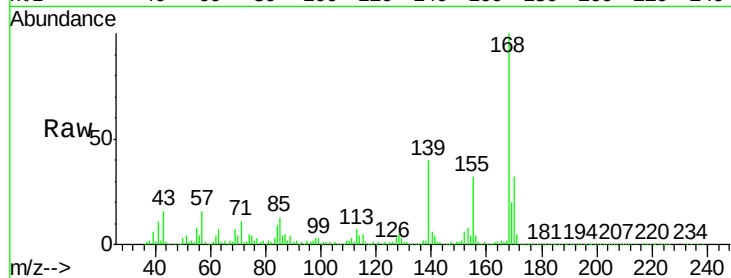
F6A81

Tot Ion:168 Resp: 2465246

Ion Ratio Lower Upper

168 100

139 39.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2000000

1500000

1000000

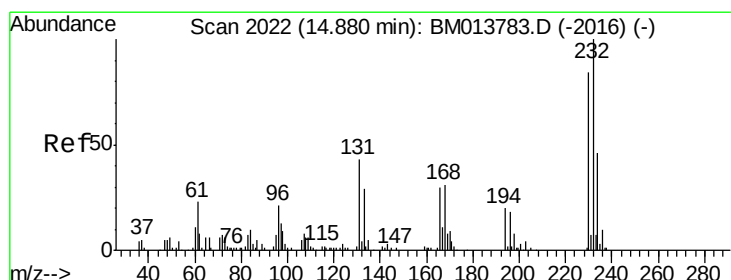
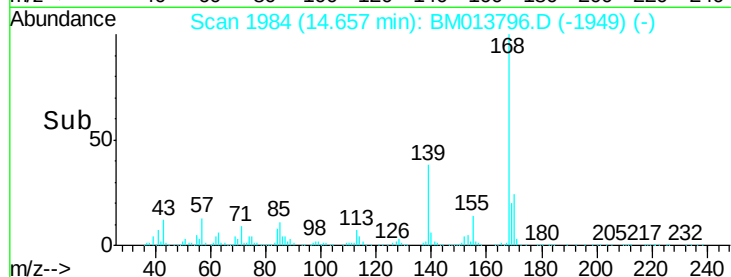
500000

0

14.66

14.60 14.65 14.70

Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 73.907 ng/ul

RT: 14.89 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Tgt Ion:232 Resp: 842866

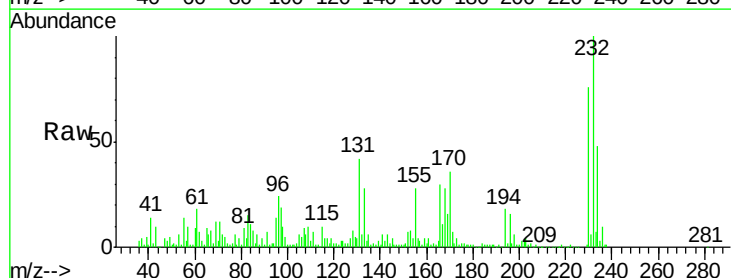
Ion Ratio Lower Upper

232 100

131 41.8 29.0 43.4

130 3.7 2.0 3.0#

166 29.6 21.4 32.2



Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

800000

600000

400000

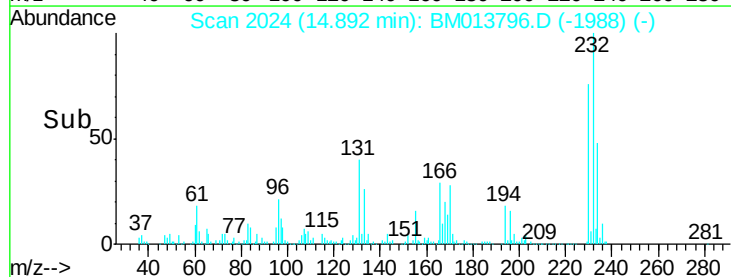
200000

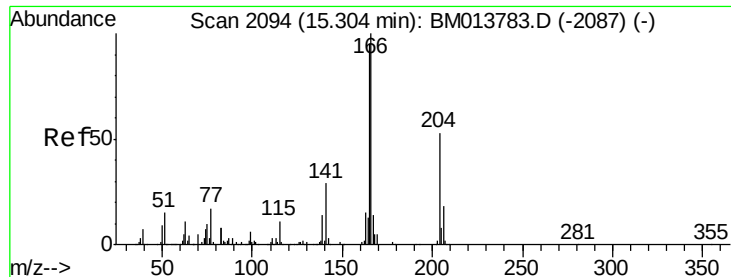
0

14.89

14.85 14.90 14.95

Time-->

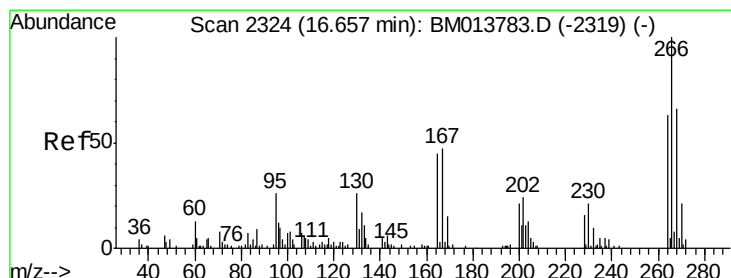
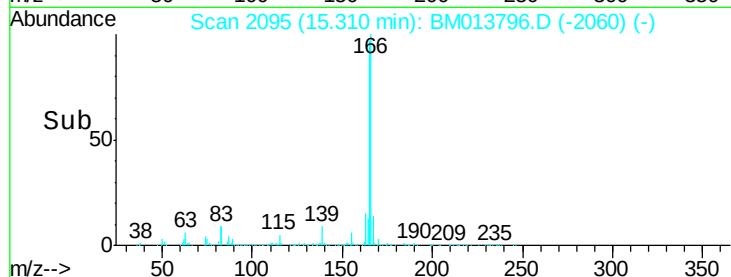
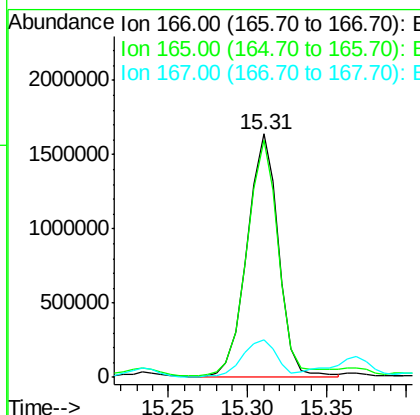
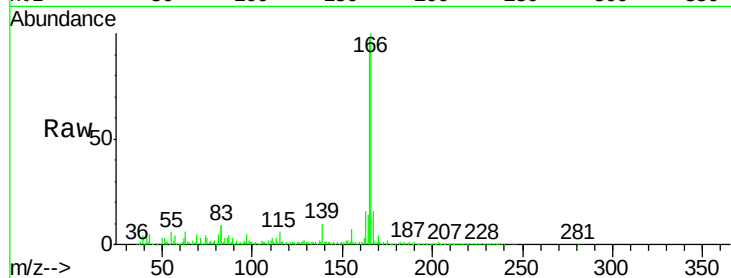




#58
 Fluorene
 Concen: 50.144 ng/ul
 RT: 15.31 min Scan# 2095
 Delta R.T. 0.01 min
 Lab File: BM013796.D
 Acq: 25 Jan 2018 07:56

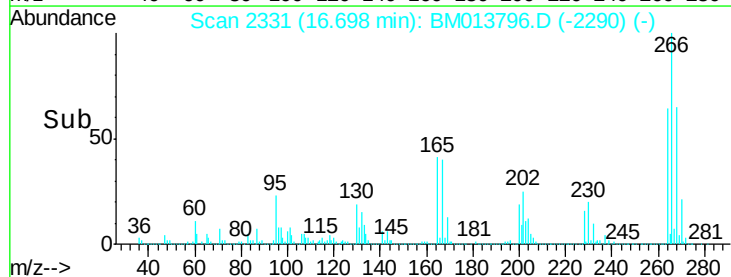
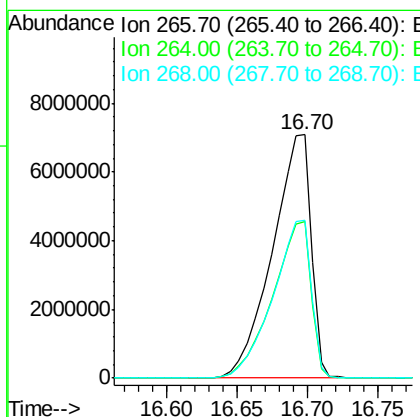
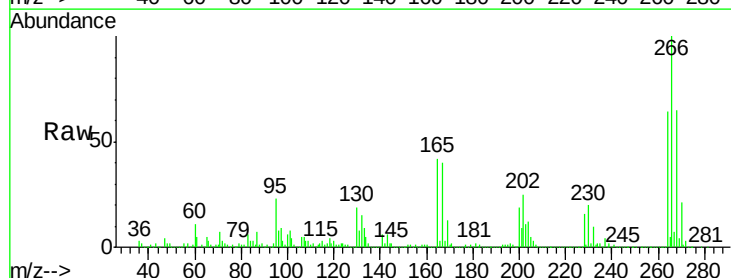
Instrument :
 BNA_M
 ClientSampleId :
 F6A81

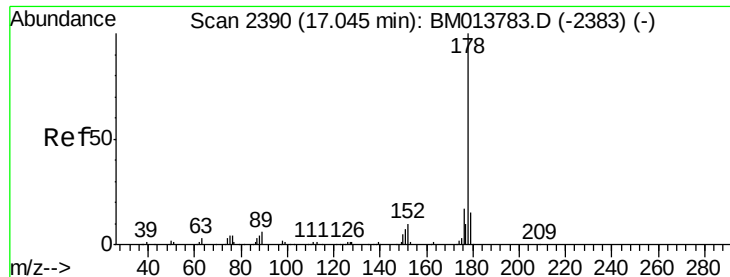
Tot Ion:166 Resp: 2235806
 Ion Ratio Lower Upper
 166 100
 165 97.2 77.9 116.9
 167 15.7 10.6 16.0



#68
 Pentachlorophenol
 Concen: 2722.331 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.04 min
 Lab File: BM013796.D
 Acq: 25 Jan 2018 07:56

Tgt Ion:266 Resp:13607536
 Ion Ratio Lower Upper
 266 100
 264 64.1 49.3 73.9
 268 64.9 52.6 78.8





#69

Phenanthrene

Concen: 251.288 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.02 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

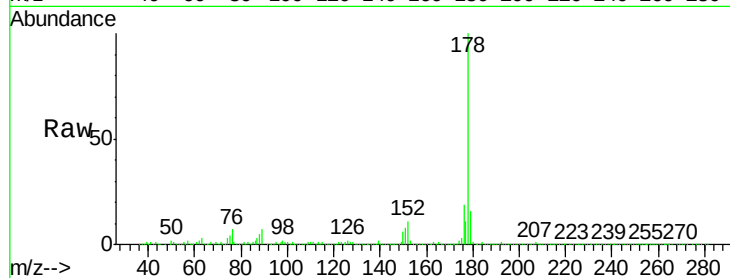
BNA_M

ClientSampleId :

F6A81

Tot Ion:178 Resp:10334597

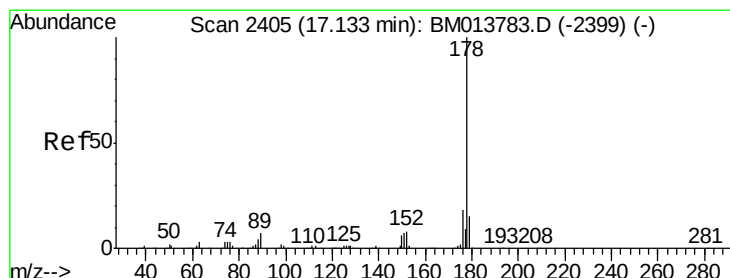
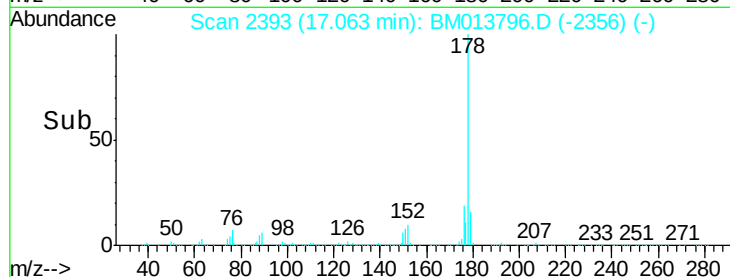
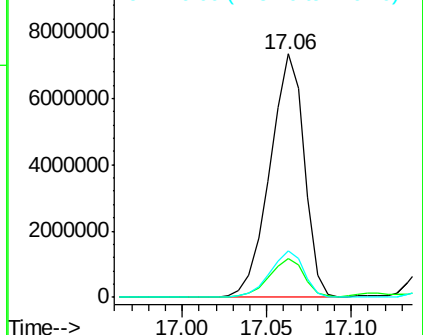
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.0	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E

1e+07 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 36.493 ng/ul

RT: 17.15 min Scan# 2407

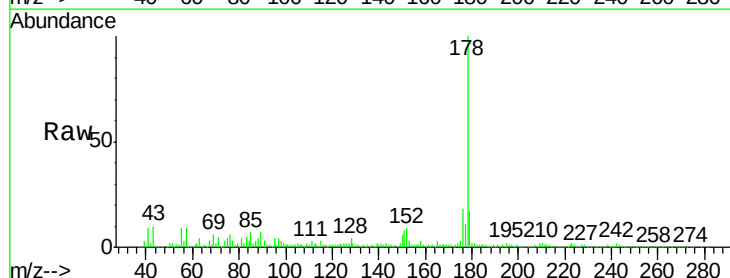
Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Tgt Ion:178 Resp: 1548017

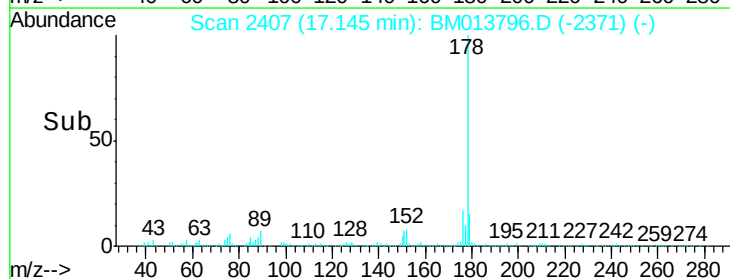
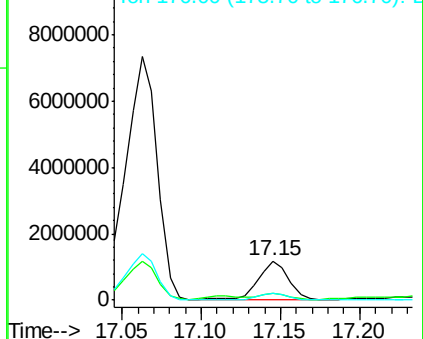
Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.7	17.5
176	17.5	14.6	21.8

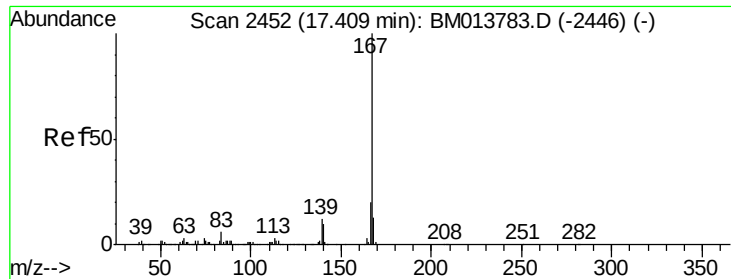


Abundance Ion 178.00 (177.70 to 178.70): E

1e+07 Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 10.162 ng/ul

RT: 17.42 min Scan# 2453

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

F6A81

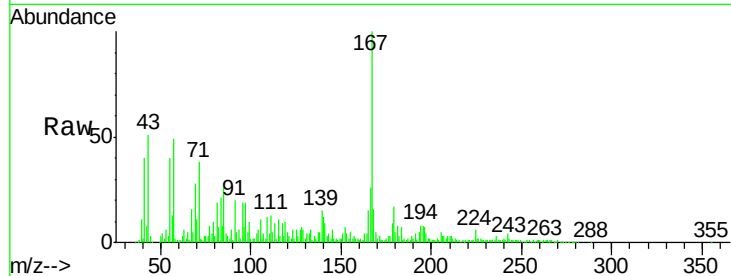
Tot Ion:167 Resp: 355847

Ion Ratio Lower Upper

167 100

166 26.1 17.1 25.7#

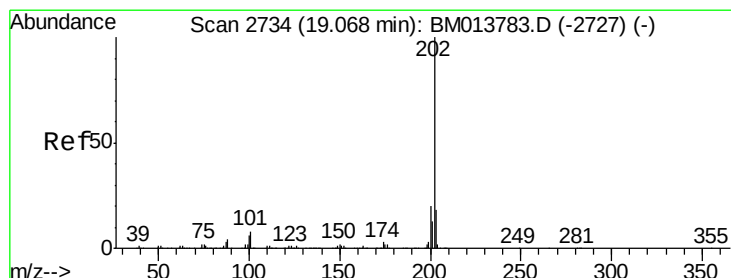
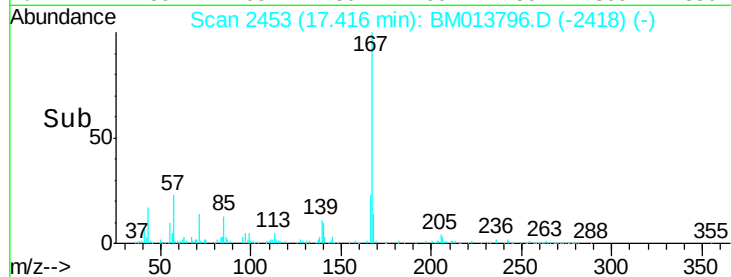
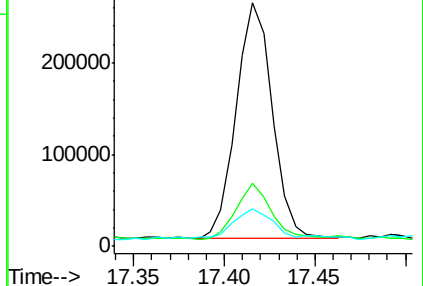
139 15.3 10.0 15.0#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 92.881 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

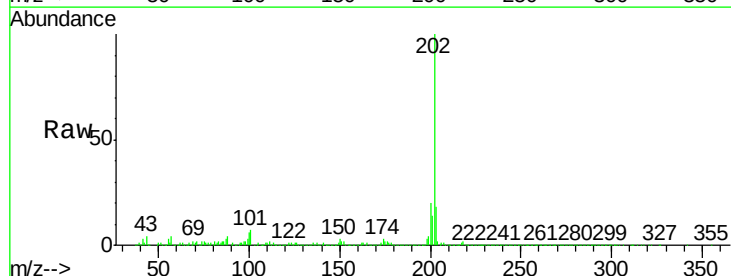
Tgt Ion:202 Resp: 4559699

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

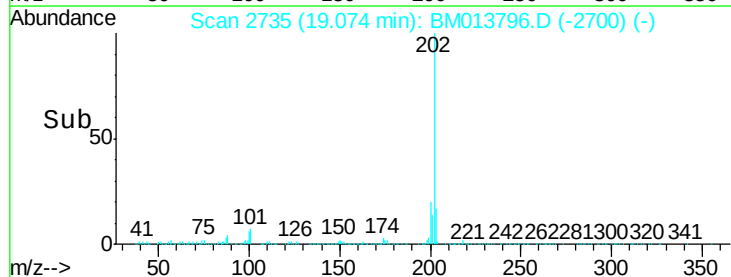
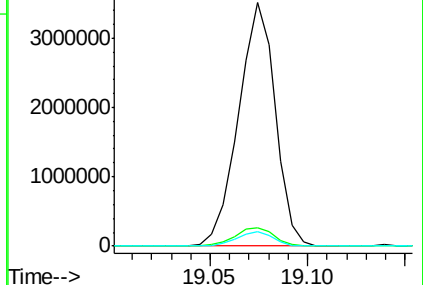
100 6.2 3.4 5.2#

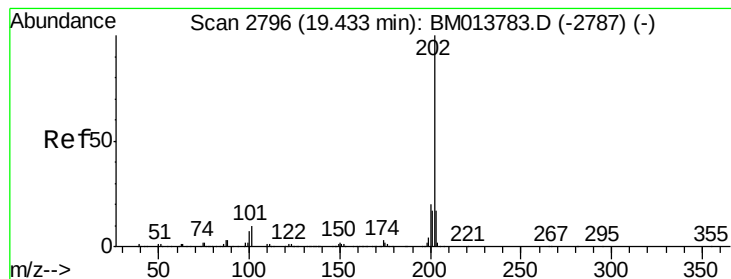


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 70.450 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

F6A81

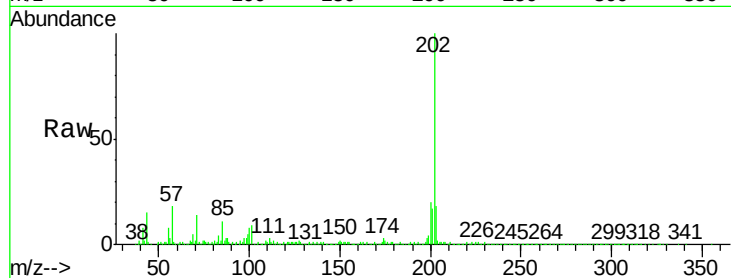
Tot Ion:202 Resp: 3284246

Ion Ratio Lower Upper

202 100

101 9.2 5.1 7.7#

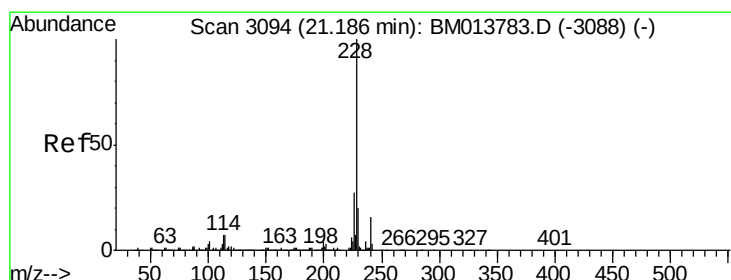
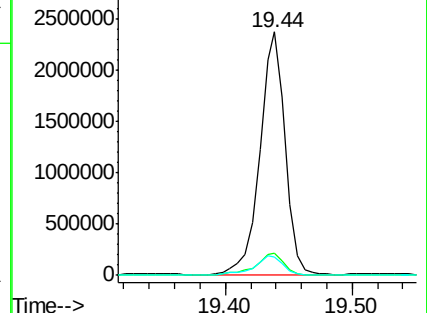
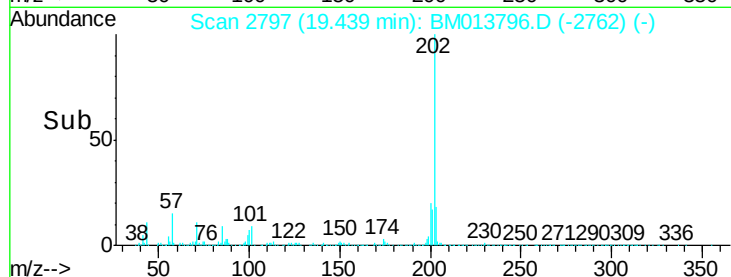
100 7.5 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 11.344 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

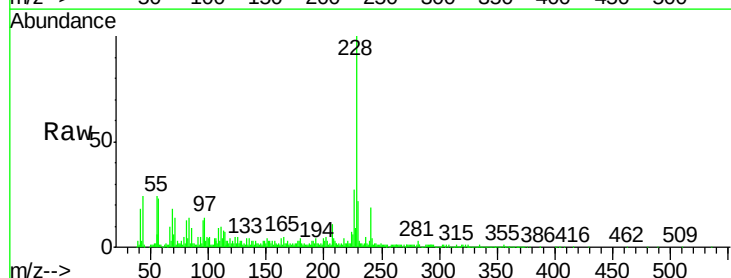
Tgt Ion:228 Resp: 525628

Ion Ratio Lower Upper

228 100

229 21.8 15.4 23.0

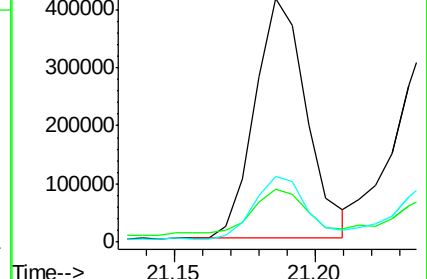
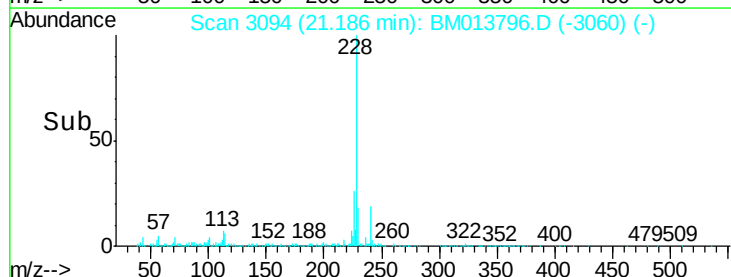
226 26.8 21.4 32.0

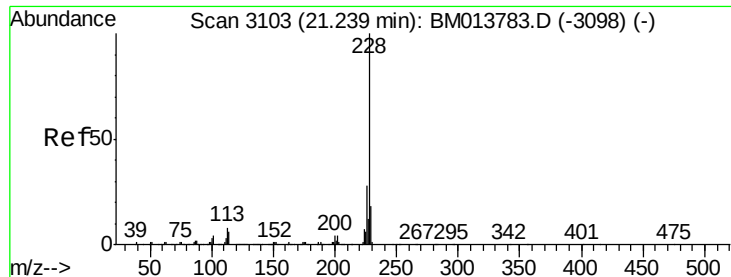


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 10.997 ng/ul

RT: 21.24 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampled :

F6A81

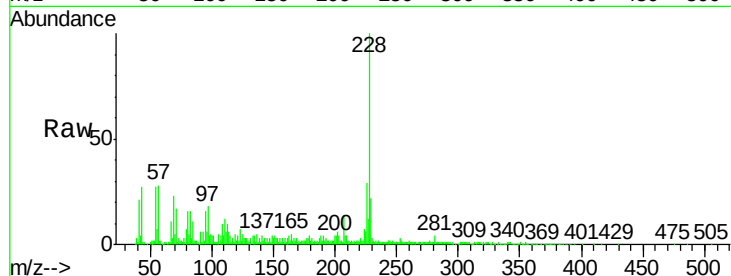
Tot Ion:228 Resp: 467476

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

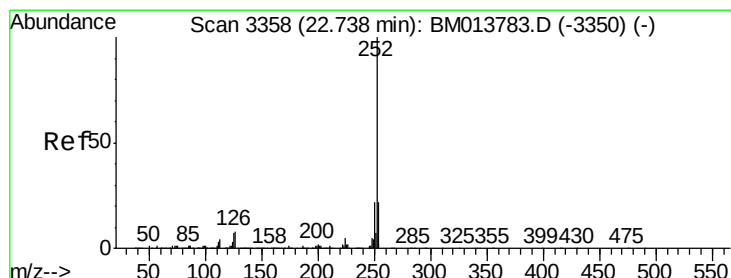
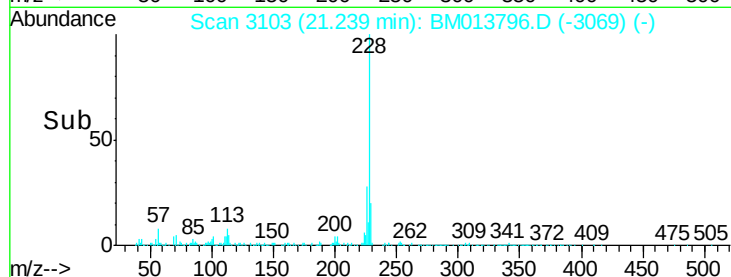
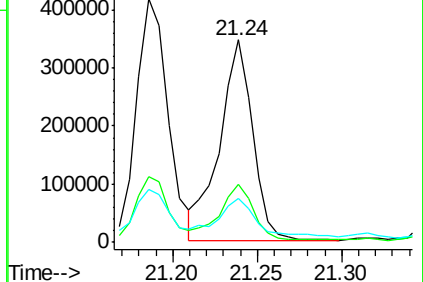
229 22.0 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 3.804 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

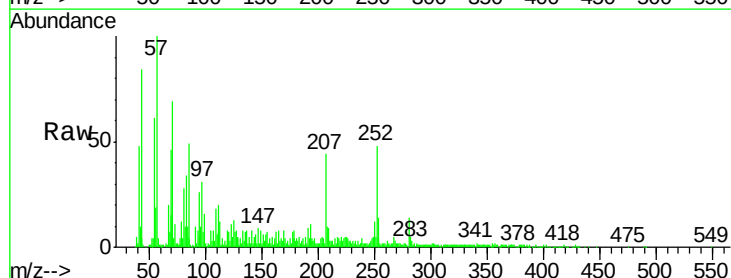
Tgt Ion:252 Resp: 179662

Ion Ratio Lower Upper

252 100

253 29.6 17.9 26.9#

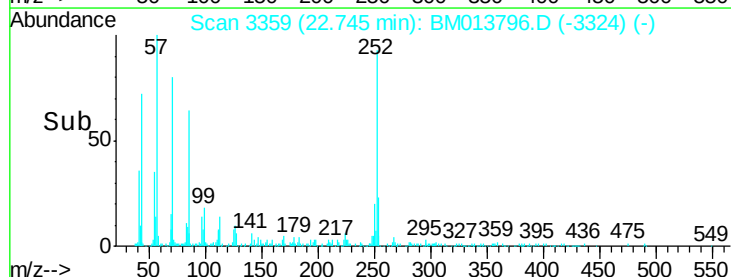
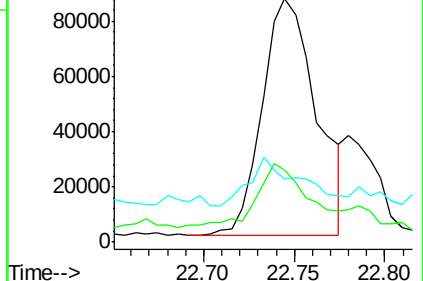
125 26.2 3.6 5.4#

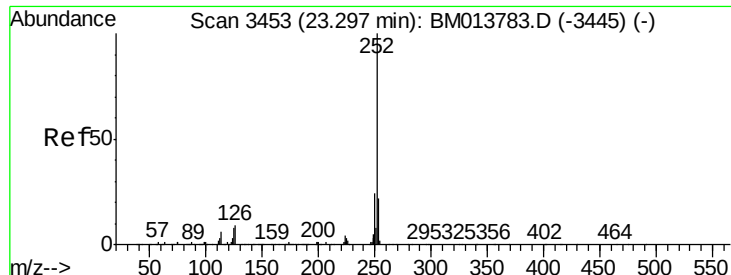


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.136 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM013796.D

Acq: 25 Jan 2018 07:56

Instrument :

BNA_M

ClientSampleId :

F6A81

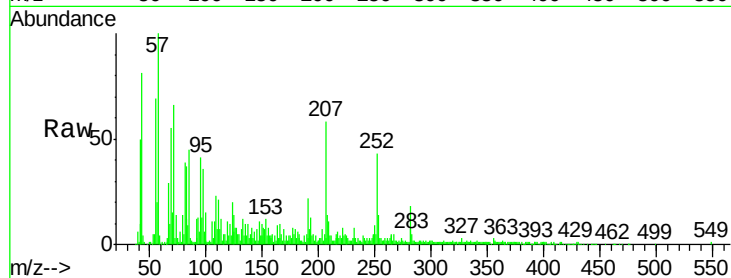
Tot Ion:252 Resp: 95274

Ion Ratio Lower Upper

252 100

253 32.5 18.2 27.2#

125 32.2 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

