

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012830.D
 Acq On : 08 Nov 2017 20:31
 Operator : SJ/JU
 Sample : I5955-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-15(0.25-1.25)-101717MSD

Quant Time: Nov 09 03:58:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 03:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	152177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	610142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	352171	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	685142	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	595154	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	681882	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	13780	4.89	ng/uL	0.00
5) Phenol-d5	6.98	99	353490	31.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	197358	32.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	307546	32.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	262015	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	151550	33.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	174366	33.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	338039	31.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	101243	9.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1040079	35.69	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1207139	33.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	127467	27.30	ng/ul	0.01
57) Fluorene-d10	15.43	176	851407	34.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	71509	15.81	ng/ul	0.00
70) Anthracene-d10	17.29	188	1190411	35.96	ng/ul	0.00
78) Pyrene-d10	19.58	212	1100062	39.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1207634	37.46	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	7.00	94	403983	34.76 ng/ul	97
10) 2-Chlorophenol	7.37	128	317784	32.71 ng/ul	97
14) Acetophenone	8.60	105	21426	1.46 ng/ul#	42
15) N-Nitroso-di-n-propylamine	8.60	70	200231	28.32 ng/ul	99
17) Hexachloroethane	8.90	117	7698	1.97 ng/ul#	7
21) Isophorone	9.53	82	53490	2.80 ng/ul	99
33) 4-Chloro-3-methylphenol	11.89	107	342753	34.20 ng/ul	96
44) Dimethylphthalate	13.90	163	302194	10.45 ng/ul	99
49) Acenaphthene	14.50	153	725038	30.46 ng/ul	97
52) 4-Nitrophenol	14.67	109	103342	25.08 ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	245414	28.83 ng/ul	98
68) Pentachlorophenol	16.84	266	165535	28.83 ng/ul	98
69) Phenanthrene	17.23	178	41107	1.10 ng/ul	97
71) Anthracene	17.23	178	41354	1.07 ng/ul	98
75) Di-n-butylphthalate	18.15	149	1319689	34.78 ng/ul	100
76) Fluoranthene	19.24	202	50407	1.12 ng/ul#	96
79) Pyrene	19.61	202	1239313	34.90 ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.29	149	7295871	386.76 ng/ul#	92
84) Chrysene	21.40	228	53565	1.64 ng/ul#	78
87) Benzo(b)fluoranthene	22.96	252	89675	2.15 ng/ul#	42
88) Benzo(k)fluoranthene	22.96	252	89675	2.26 ng/ul#	41
91) Indeno(1,2,3-cd)pyrene	25.97	276	63049	1.32 ng/ul#	85
93) Benzo(g,h,i)perylene	26.68	276	62727	1.59 ng/ul	90

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QLast Update : Thu Nov 09 03:48:55 2017
Response via : Initial Calibration

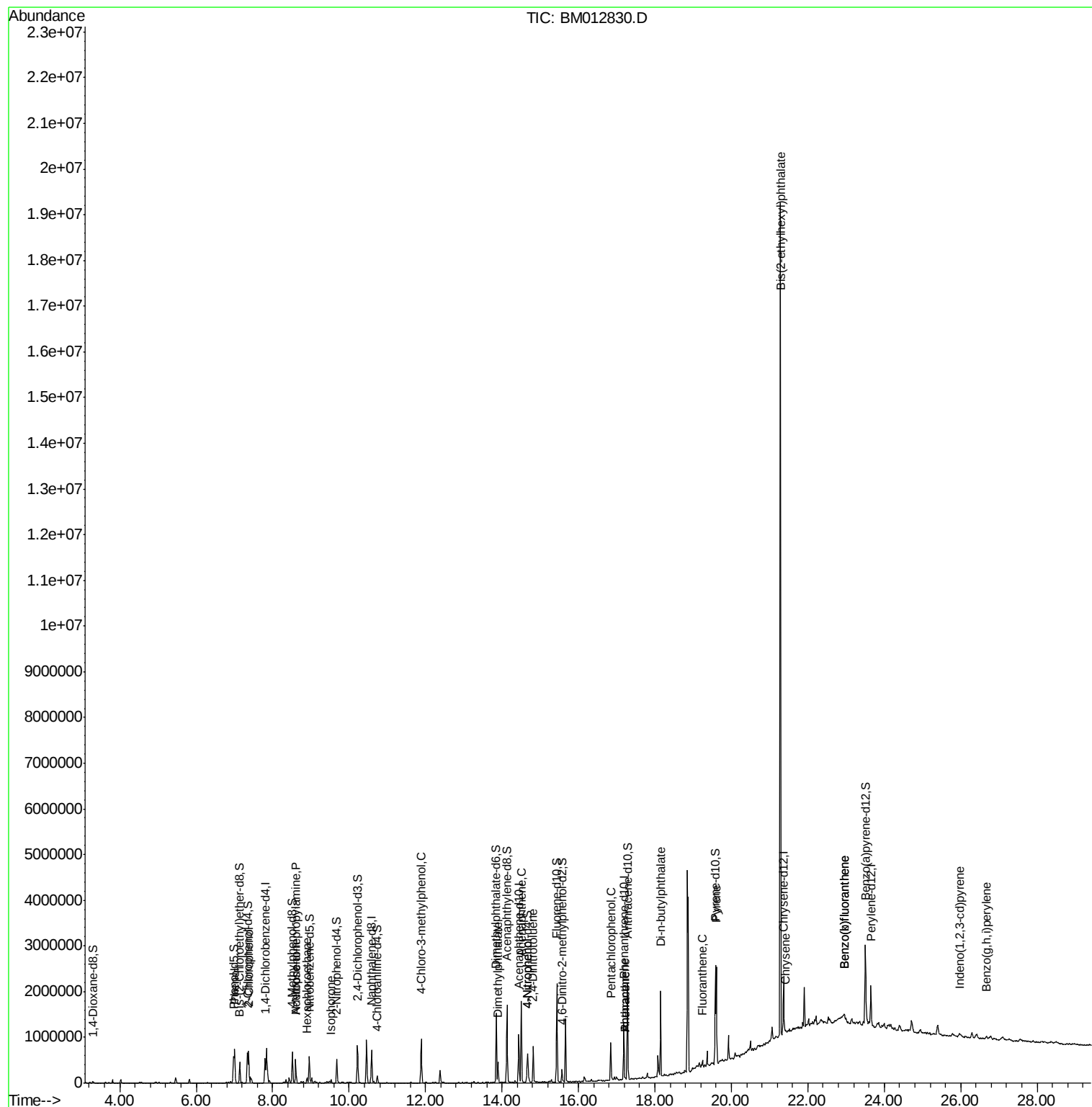
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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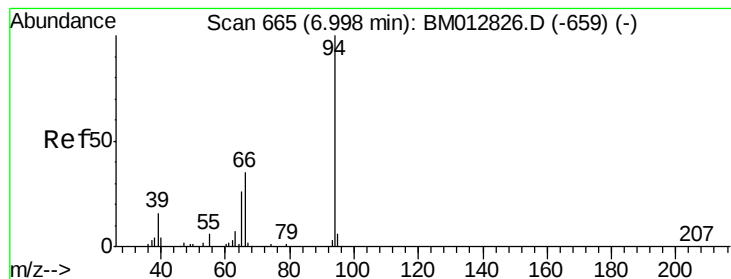
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 34.76 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

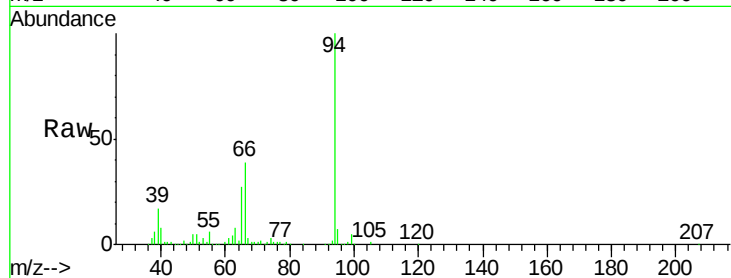
Tot Ion: 94 Resp: 403983

Ion Ratio Lower Upper

94 100

65 26.7 21.0 31.6

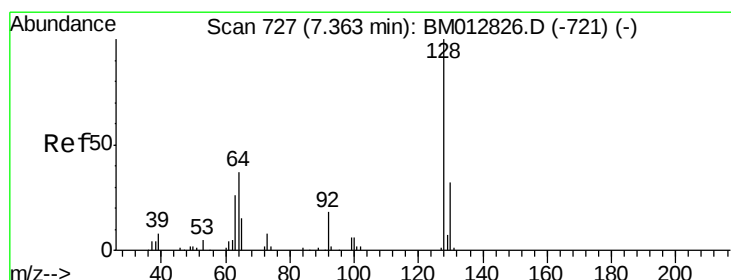
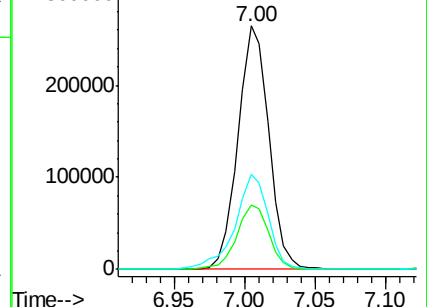
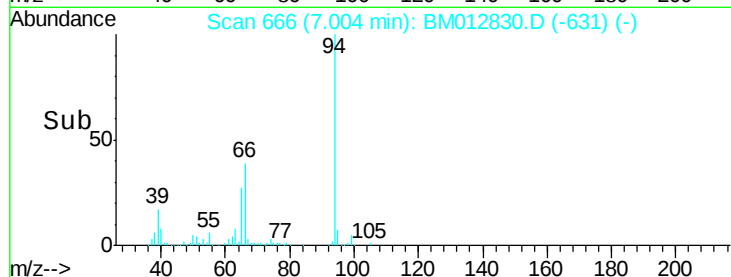
66 38.9 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012826.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012826.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012826.D (-659) (-)



#10

2-Chlorophenol

Concen: 32.71 ng/ul

RT: 7.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

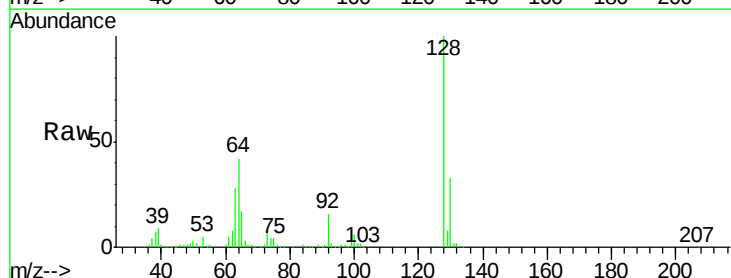
Tgt Ion: 128 Resp: 317784

Ion Ratio Lower Upper

128 100

64 42.0 31.9 47.9

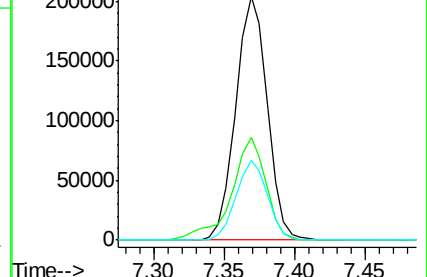
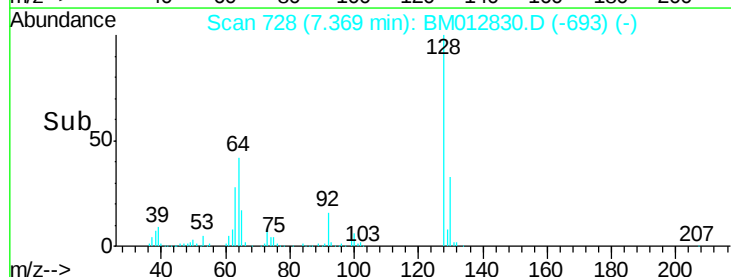
130 32.9 25.6 38.4

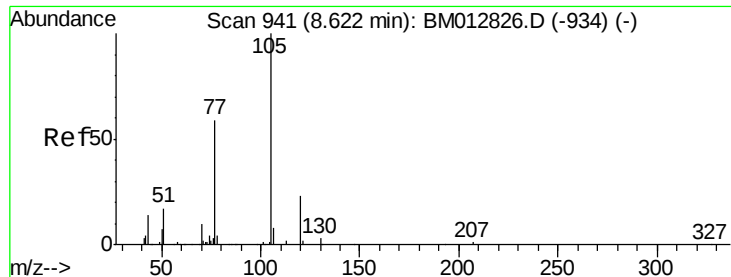


Abundance Ion 128.00 (127.70 to 128.70): BM012826.D (-721) (-)

Ion 64.00 (63.70 to 64.70): BM012826.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BM012826.D (-721) (-)

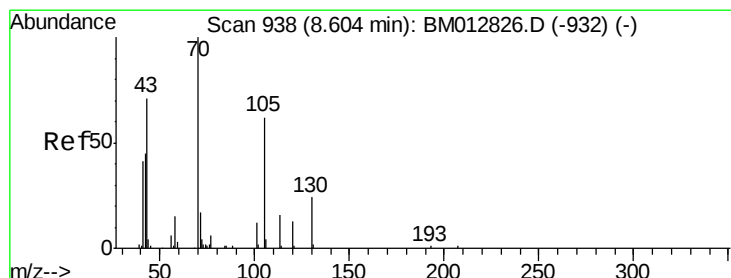
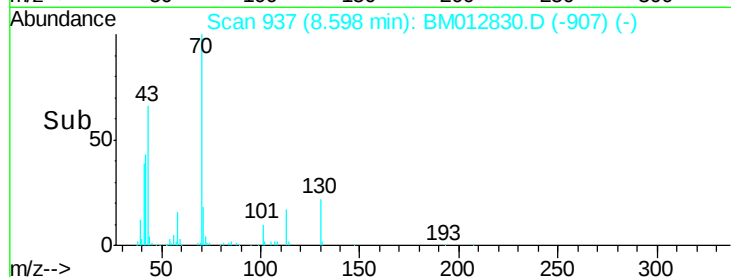
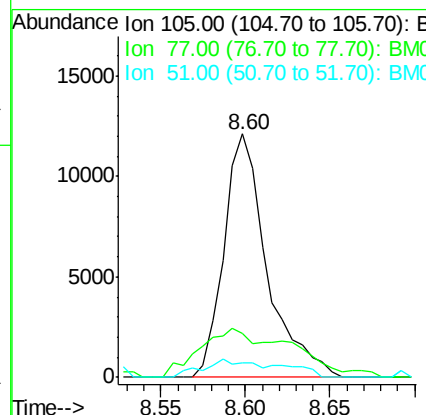
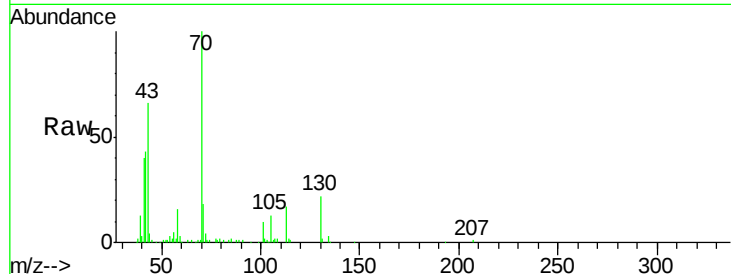




#14
Acetophenone
Concen: 1.46 ng/ul
RT: 8.60 min Scan# 937
Delta R.T. -0.02 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

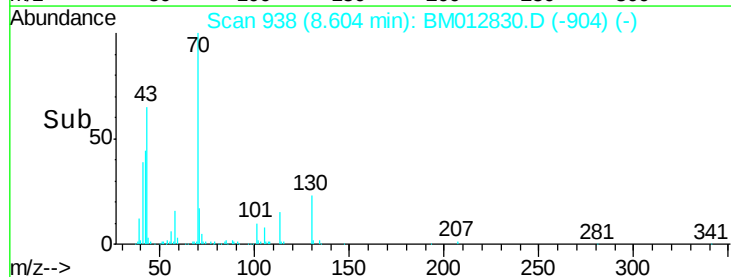
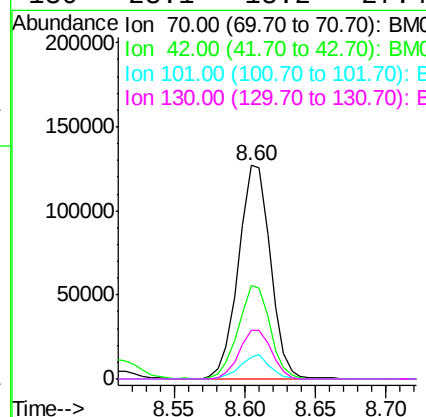
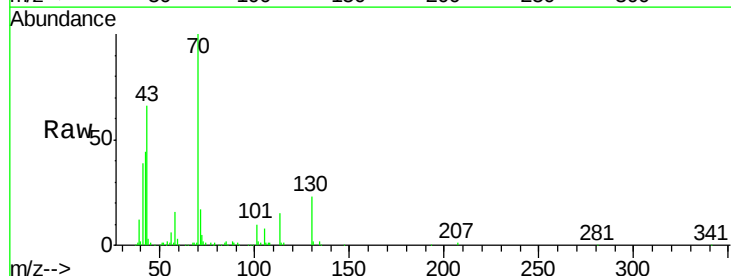
Instrument :
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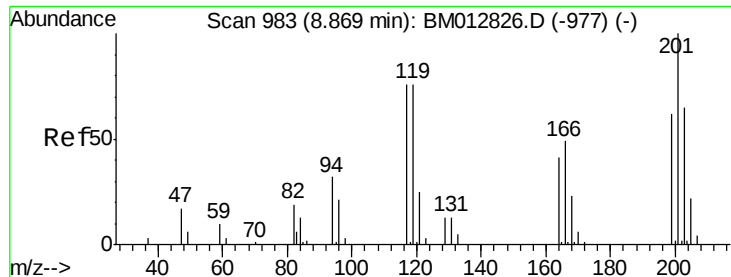
Tot Ion	Ratio	Lower	Upper
105	100		
77	17.9	59.0	88.4#
51	6.2	16.4	24.6#



#15
N-Nitroso-di-n-propylamine
Concen: 28.32 ng/ul
RT: 8.60 min Scan# 938
Delta R.T. -0.00 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.4	53.0
101	10.0	8.4	12.6
130	23.1	18.2	27.4

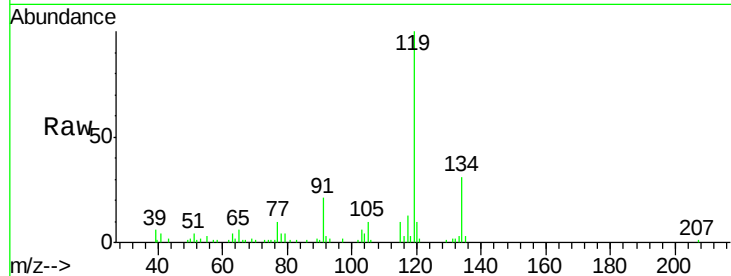




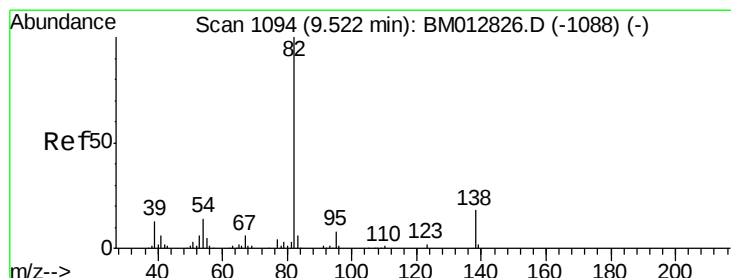
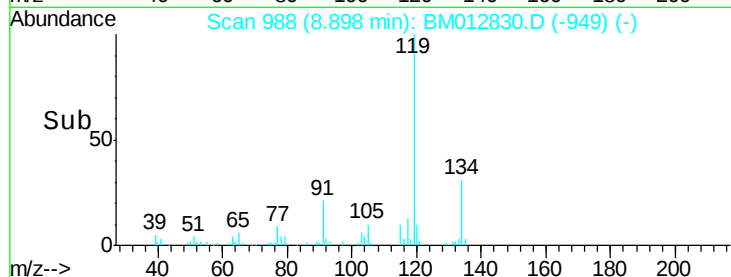
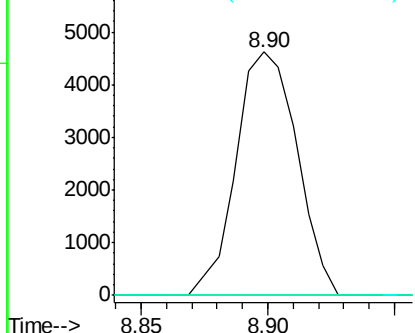
#17
Hexachloroethane
Concen: 1.97 ng/ul
RT: 8.90 min Scan# 988
Delta R.T. 0.03 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MSD

Tot Ion:117 Resp: 7698
Ion Ratio Lower Upper
117 100
201 0.0 81.5 122.3#
199 0.0 50.6 76.0#

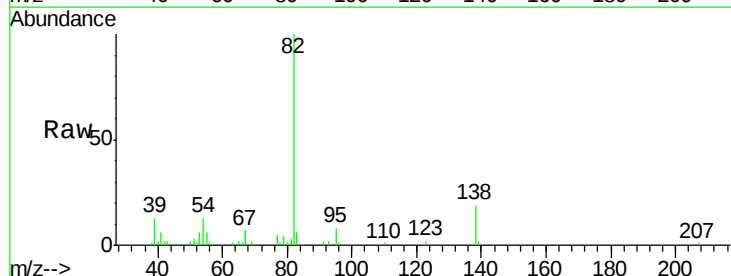


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

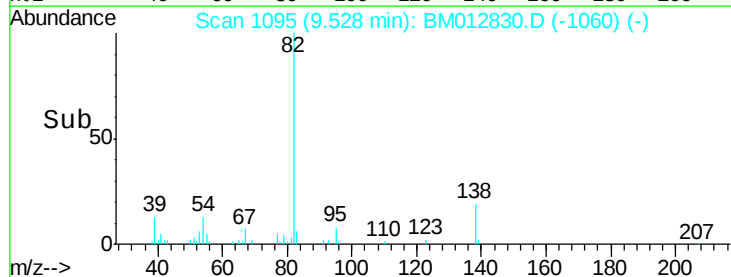
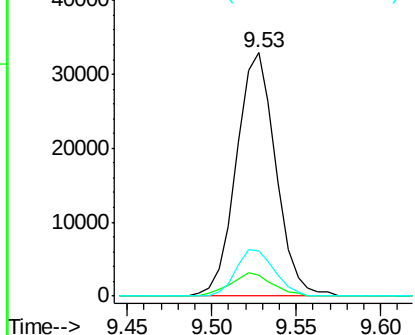


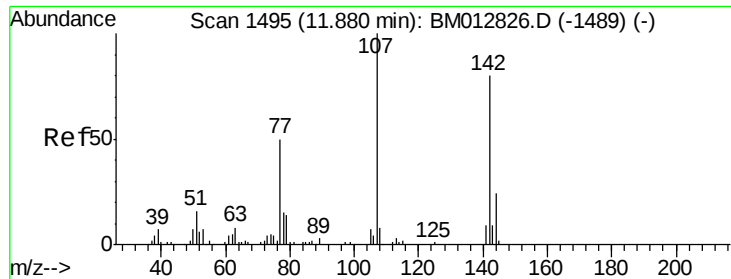
#21
Isophorone
Concen: 2.80 ng/ul
RT: 9.53 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

Tgt Ion: 82 Resp: 53490
Ion Ratio Lower Upper
82 100
95 8.5 6.4 9.6
138 18.8 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

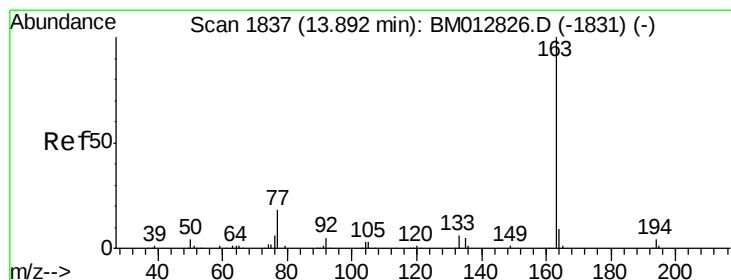
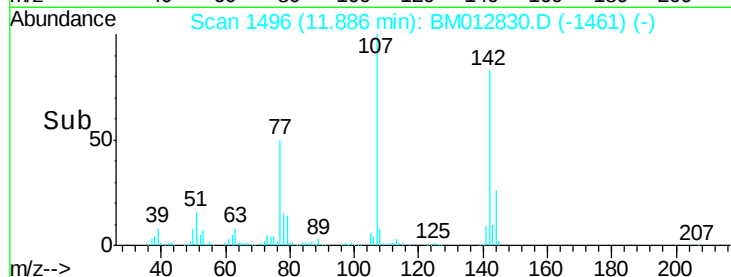
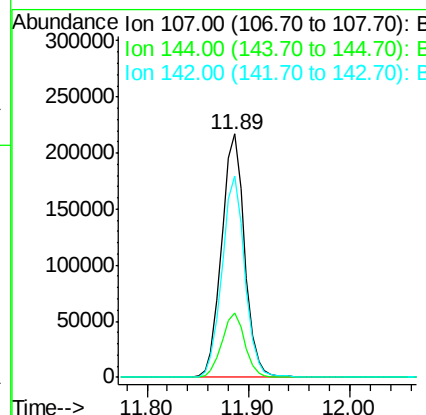
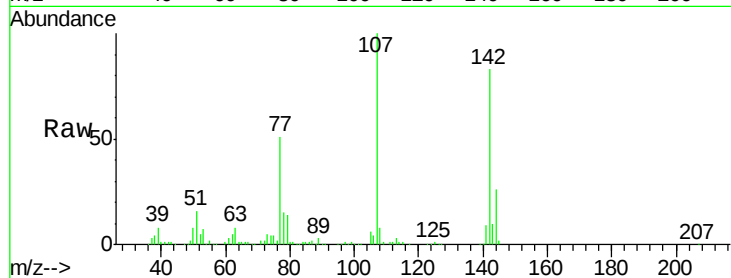




#33
 4-Chloro-3-methylphenol
 Concen: 34.20 ng/ul
 RT: 11.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BM012830.D
 Acq: 08 Nov 2017 20:31

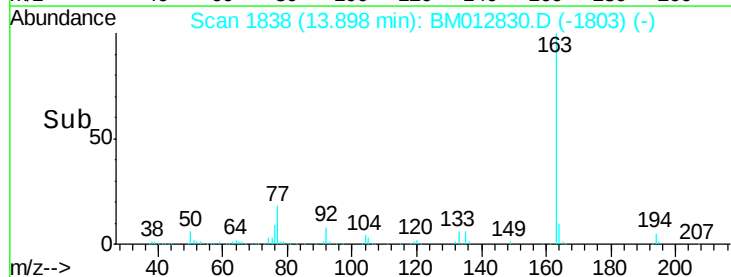
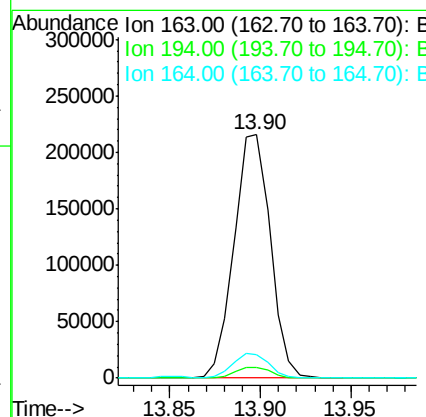
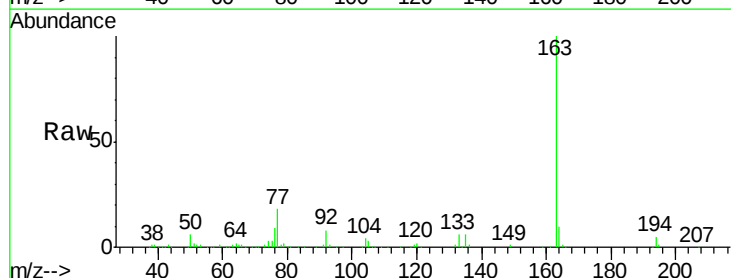
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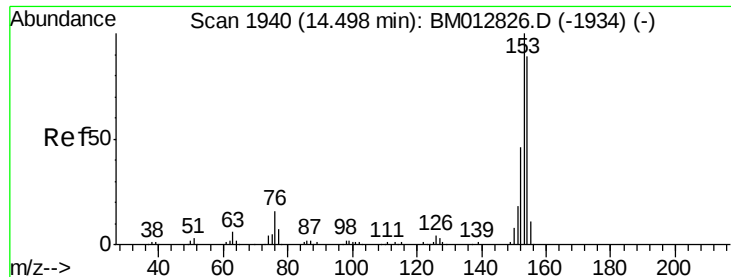
Tot Ion	Ratio	Lower	Upper
107	100		
144	26.3	20.4	30.6
142	82.7	62.5	93.7



#44
 Dimethylphthalate
 Concen: 10.45 ng/ul
 RT: 13.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BM012830.D
 Acq: 08 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.2	4.8
164	9.8	7.8	11.8





#49

Acenaphthene

Concen: 30.46 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

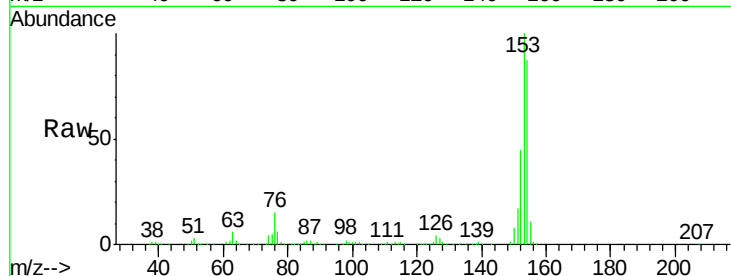
Tot Ion:153 Resp: 725038

Ion Ratio Lower Upper

153 100

152 45.5 38.3 57.5

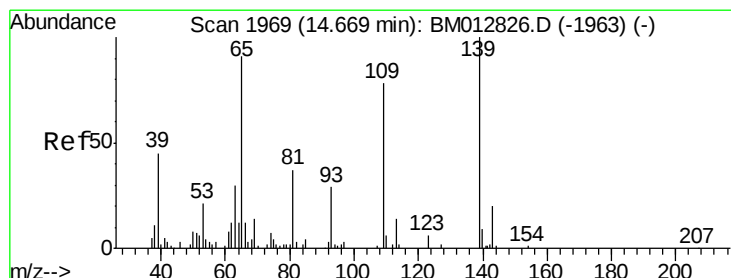
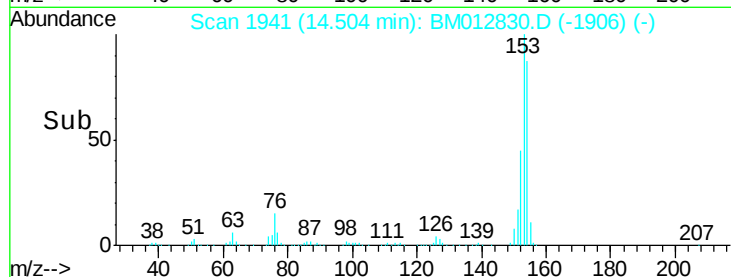
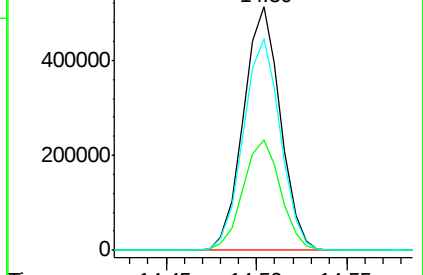
154 87.0 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#52

4-Nitrophenol

Concen: 25.08 ng/ul

RT: 14.67 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

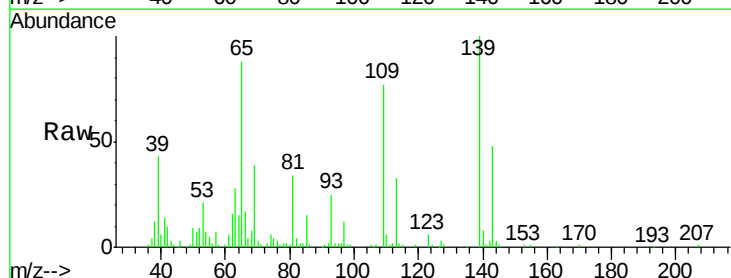
Tgt Ion:109 Resp: 103342

Ion Ratio Lower Upper

109 100

139 130.6 103.7 155.5

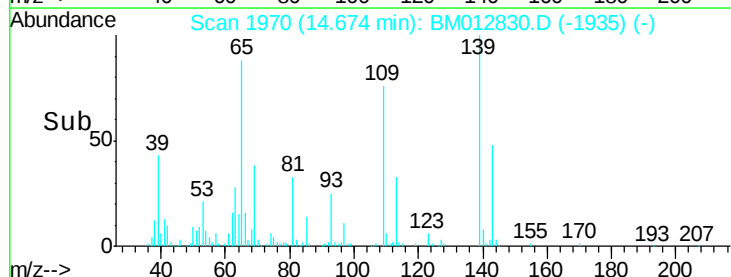
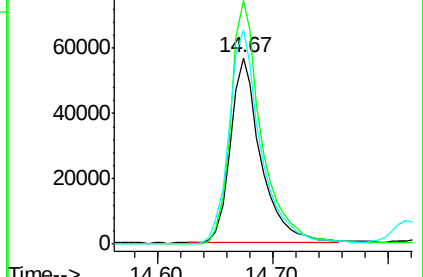
65 114.8 89.4 134.2

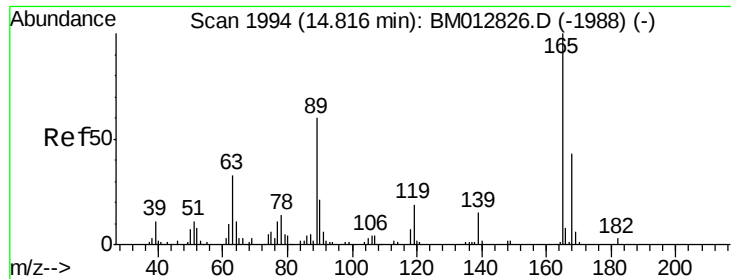


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

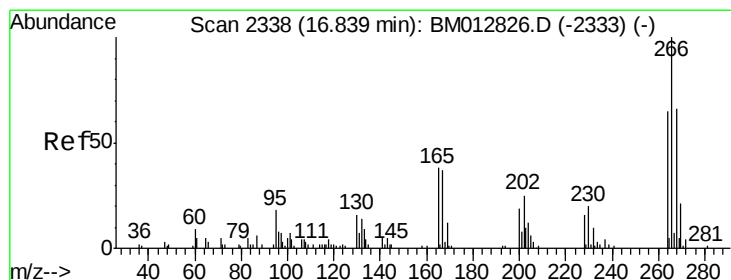
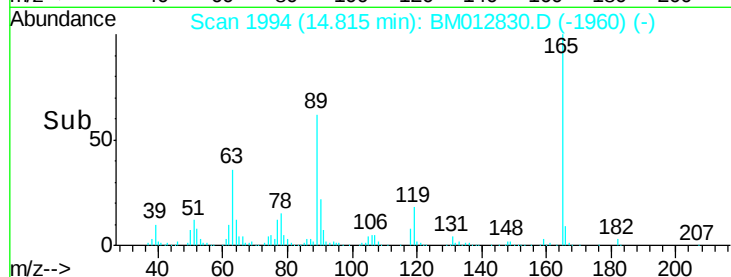
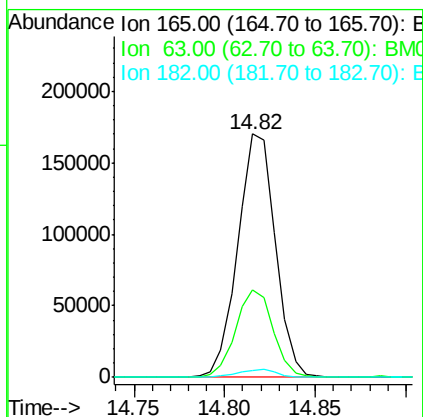
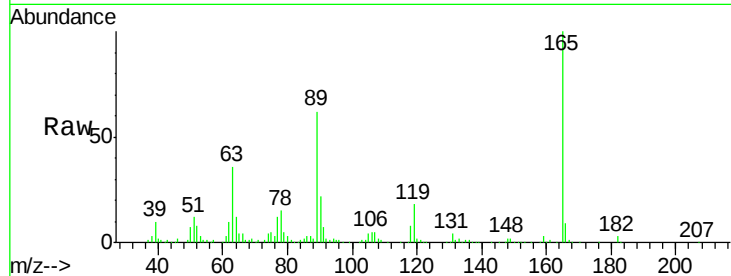




#54
 2,4-Dinitrotoluene
 Concen: 28.83 ng/ul
 RT: 14.82 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BM012830.D
 Acq: 08 Nov 2017 20:31

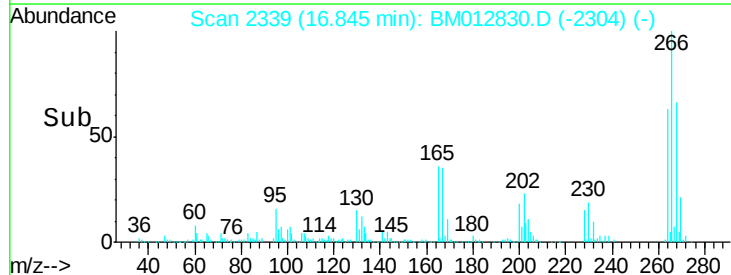
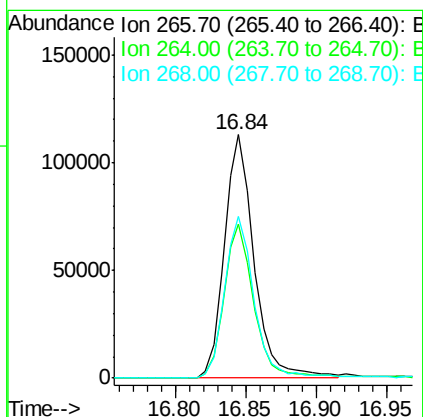
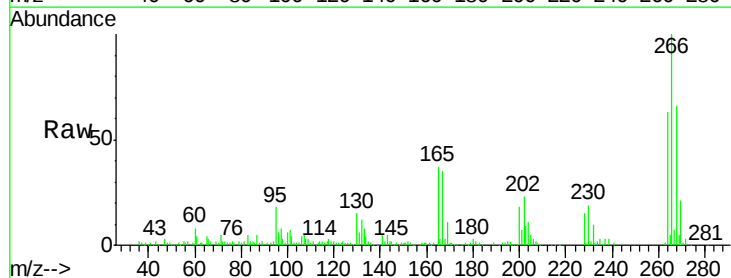
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 ClientSampleId :
 B-15(0.25-1.25)-101717MSD

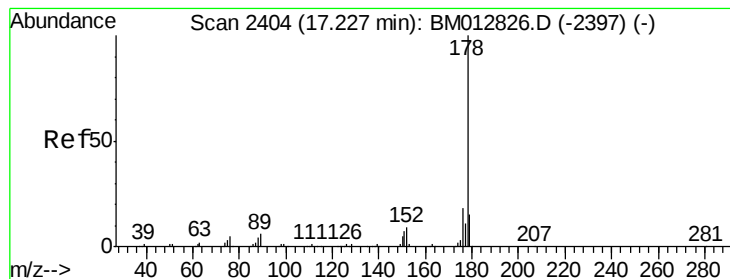
Tot Ion	Ratio	Lower	Upper
165	100		
63	36.0	29.8	44.6
182	3.0	2.2	3.4



#68
 Pentachlorophenol
 Concen: 28.83 ng/ul
 RT: 16.84 min Scan# 2339
 Delta R.T. 0.01 min
 Lab File: BM012830.D
 Acq: 08 Nov 2017 20:31

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.5	75.7
268	66.4	50.9	76.3





#69

Phenanthrene

Concen: 1.10 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

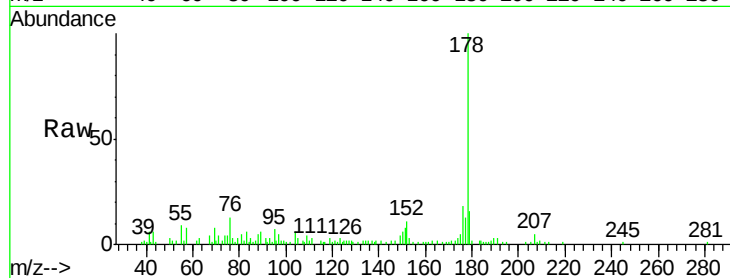
Tot Ion:178 Resp: 41107

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.4

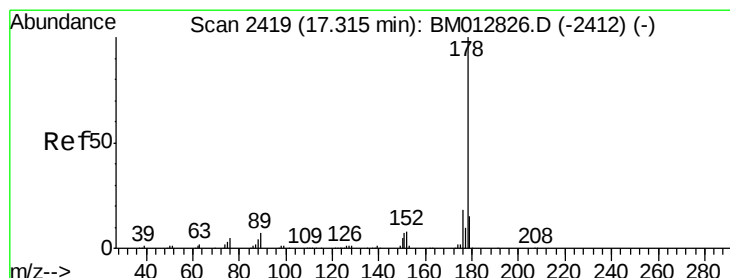
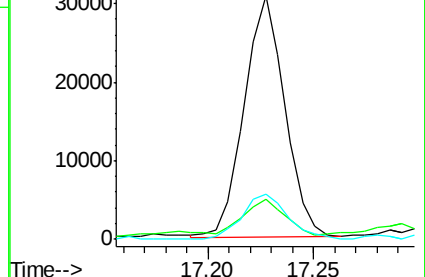
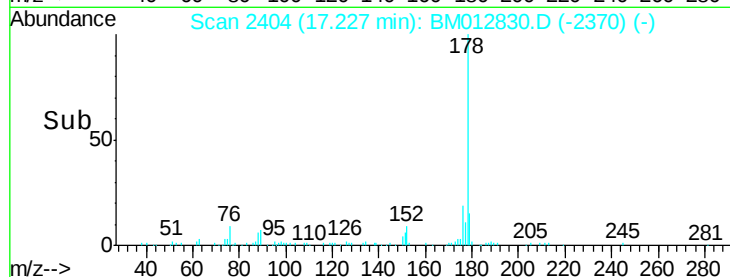
176 18.3 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.07 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.09 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

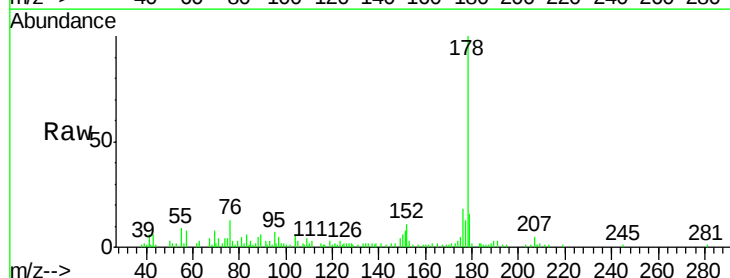
Tgt Ion:178 Resp: 41354

Ion Ratio Lower Upper

178 100

179 16.4 12.1 18.1

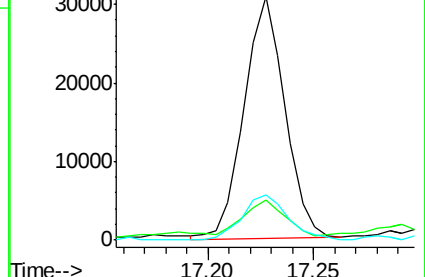
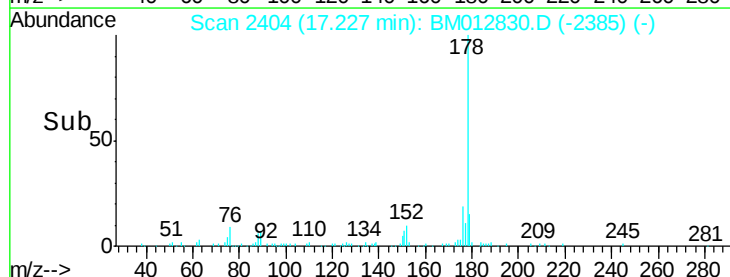
176 18.3 14.8 22.2

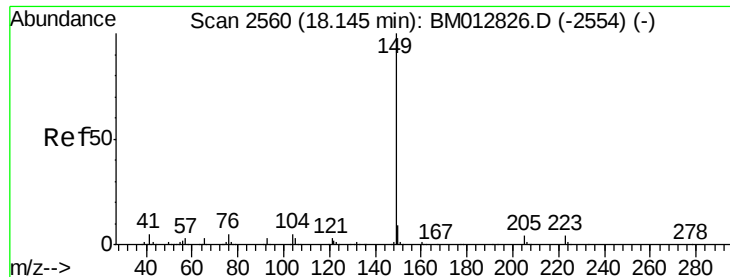


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

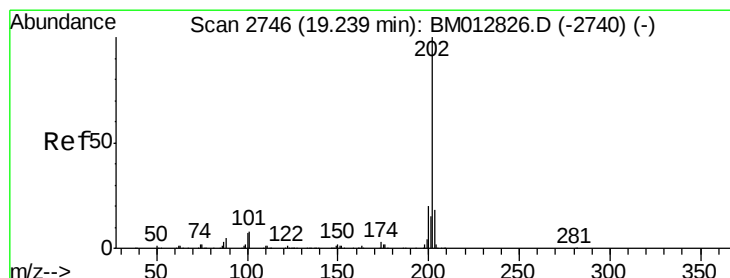
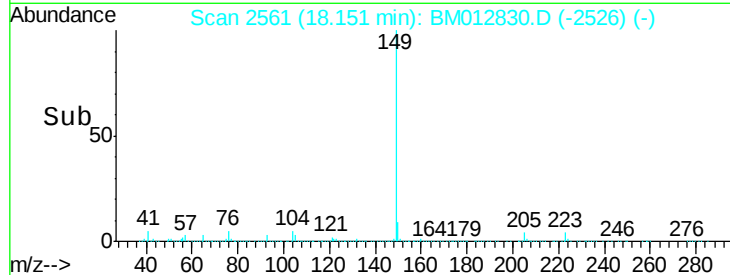
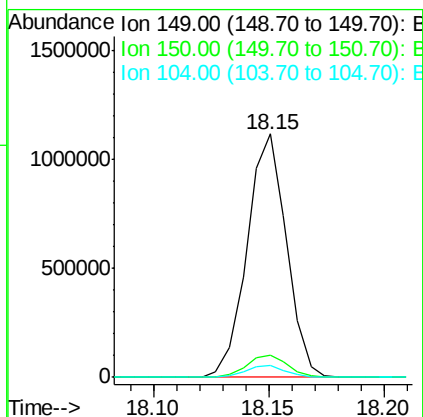
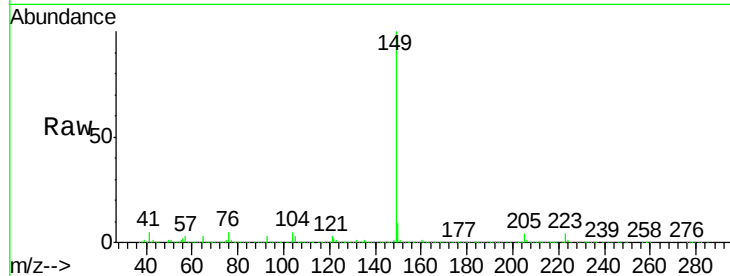




#75
Di-n-butylphthalate
Concen: 34.78 ng/ul
RT: 18.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

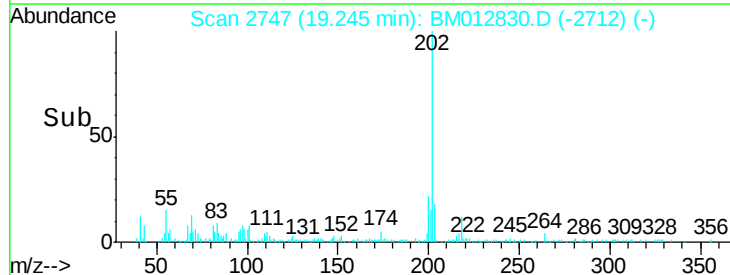
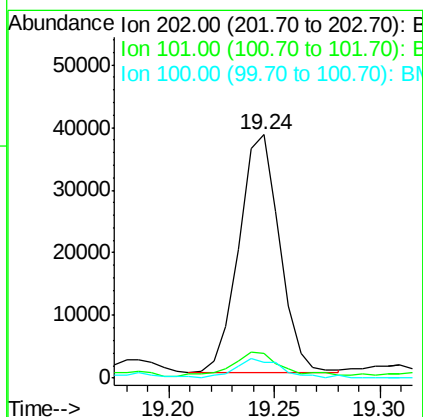
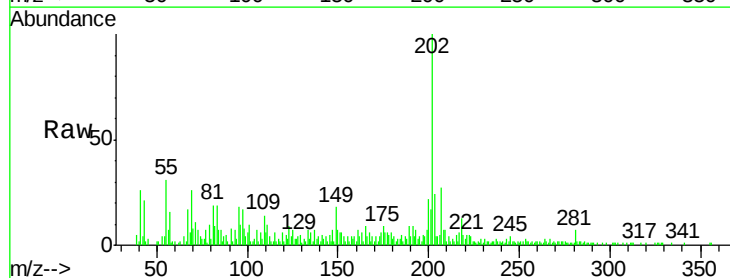
Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MSD

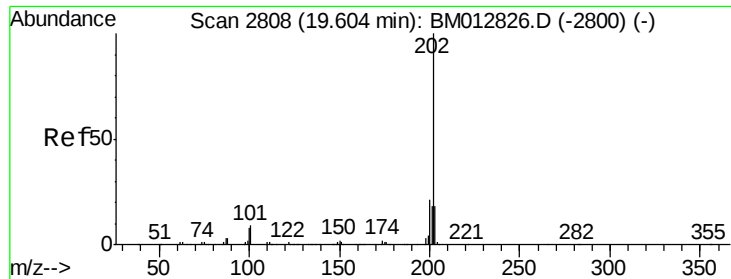
Tot Ion:149 Resp: 1319689
Ion Ratio Lower Upper
149 100
150 9.1 7.4 11.0
104 4.8 4.0 6.0



#76
Fluoranthene
Concen: 1.12 ng/ul
RT: 19.24 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

Tgt Ion:202 Resp: 50407
Ion Ratio Lower Upper
202 100
101 10.0 8.8 13.2
100 6.2 6.6 9.8#

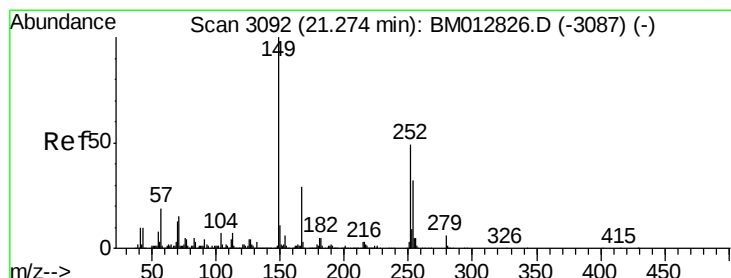
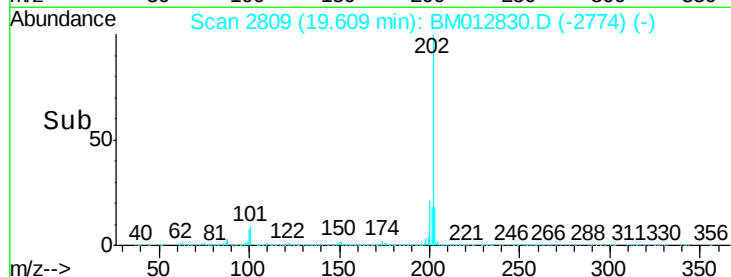
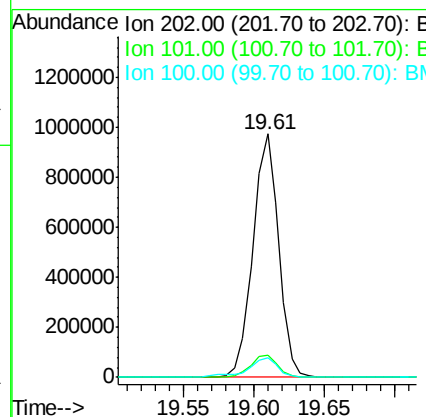
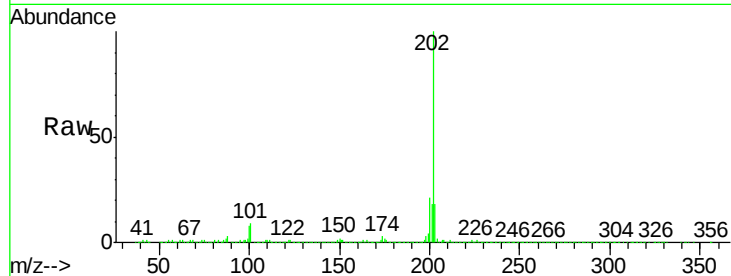




#79
Pvrene
Concen: 34.90 ng/ul
RT: 19.61 min Scan# 2809
Delta R.T. 0.01 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

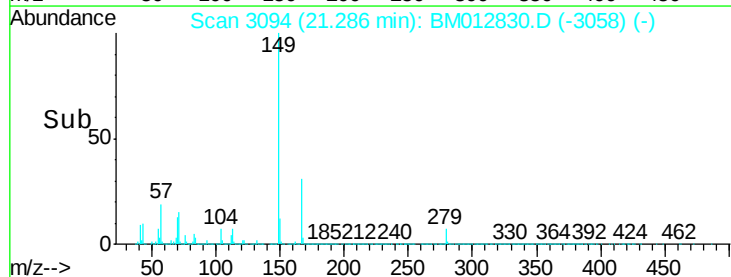
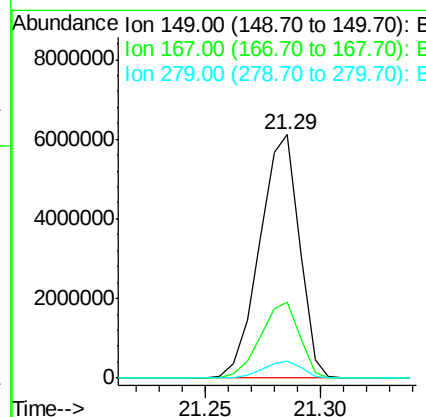
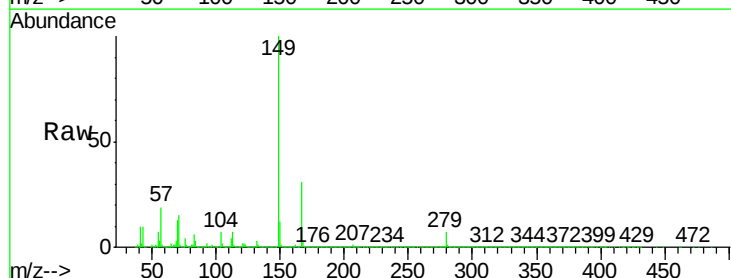
Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717MSD

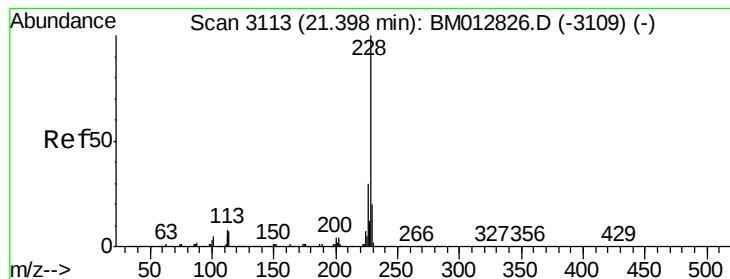
Tot Ion:202 Resp: 1239313
Ion Ratio Lower Upper
202 100
101 9.4 10.2 15.2#
100 8.1 8.5 12.7#



#83
Bis(2-ethylhexyl)phthalate
Concen: 386.76 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM012830.D
Acq: 08 Nov 2017 20:31

Tgt Ion:149 Resp: 7295871
Ion Ratio Lower Upper
149 100
167 31.2 21.6 32.4
279 7.3 3.0 4.4#





#84

Chrysene

Concen: 1.64 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

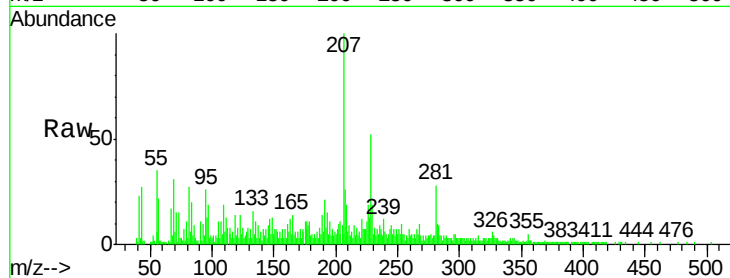
Tot Ion:228 Resp: 53565

Ion Ratio Lower Upper

228 100

226 36.4 24.0 36.0#

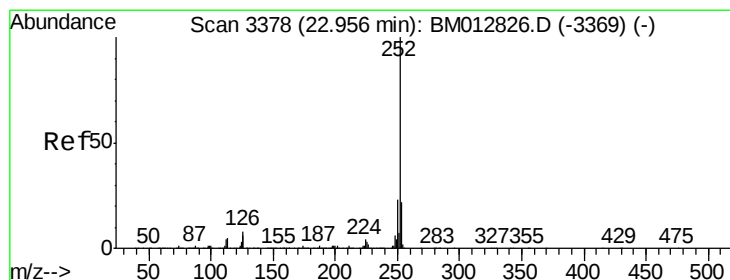
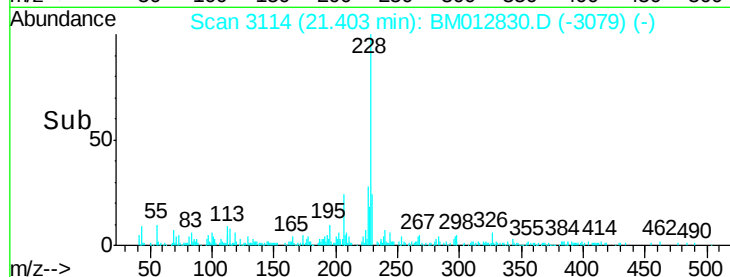
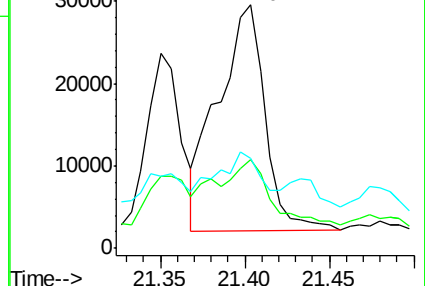
229 37.1 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 2.15 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

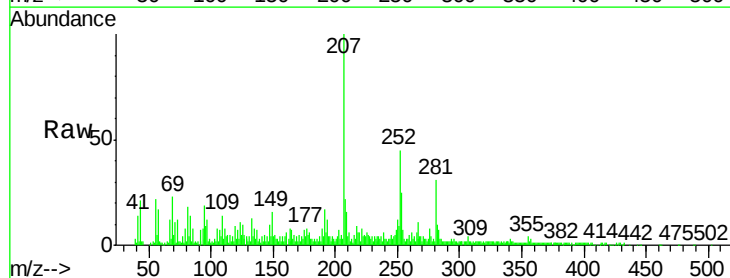
Tgt Ion:252 Resp: 89675

Ion Ratio Lower Upper

252 100

253 56.1 17.5 26.3#

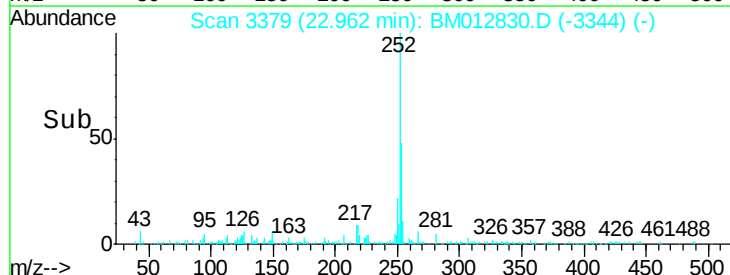
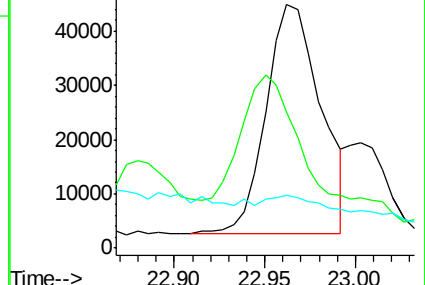
125 21.5 8.5 12.7#

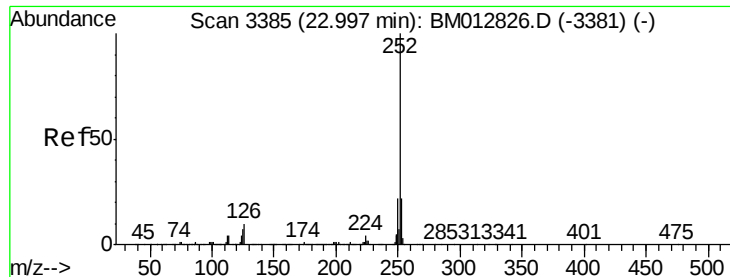


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.26 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

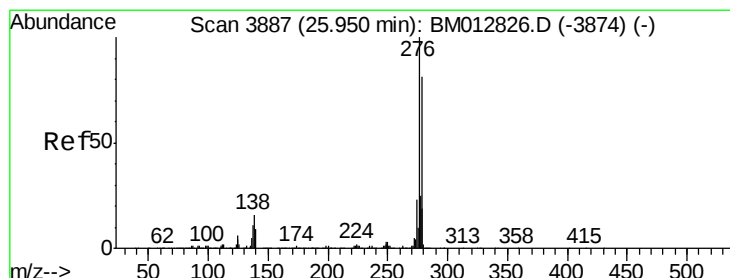
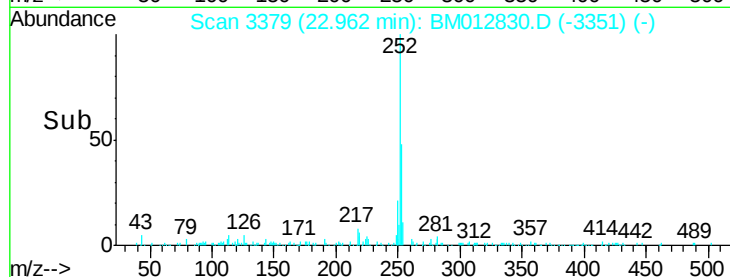
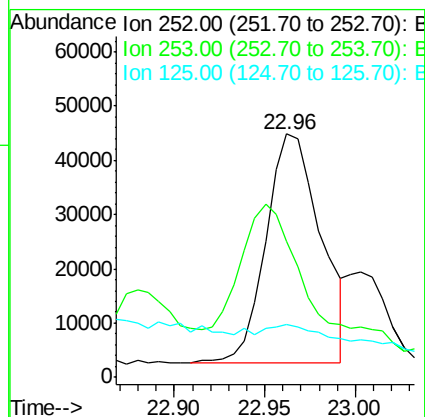
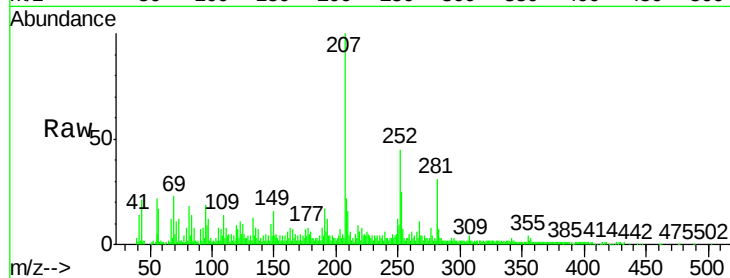
Tot Ion:252 Resp: 89675

Ion Ratio Lower Upper

252 100

253 56.1 17.3 25.9#

125 21.5 8.2 12.2#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.32 ng/ul

RT: 25.97 min Scan# 3890

Delta R.T. 0.02 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

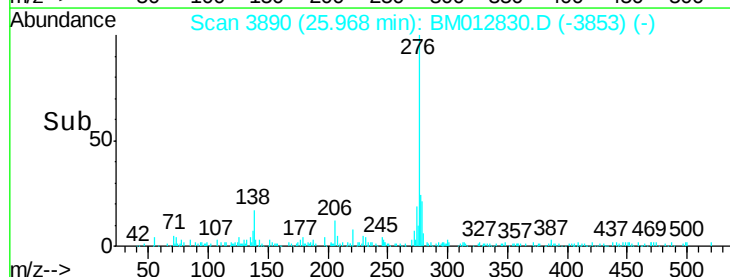
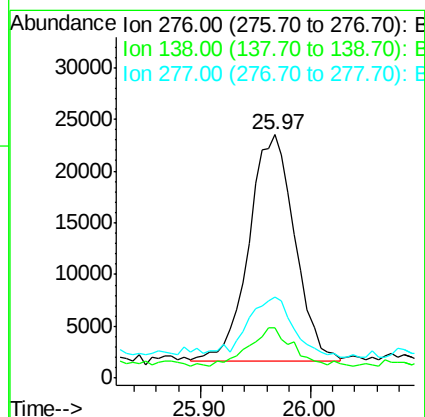
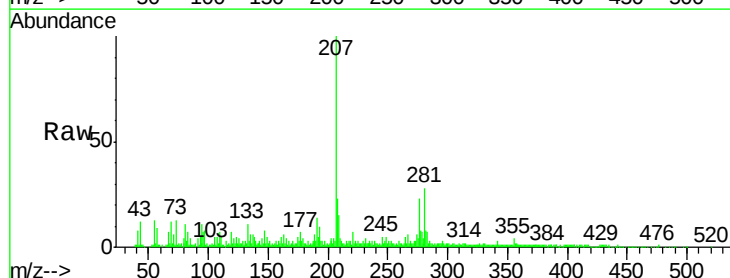
Tgt Ion:276 Resp: 63049

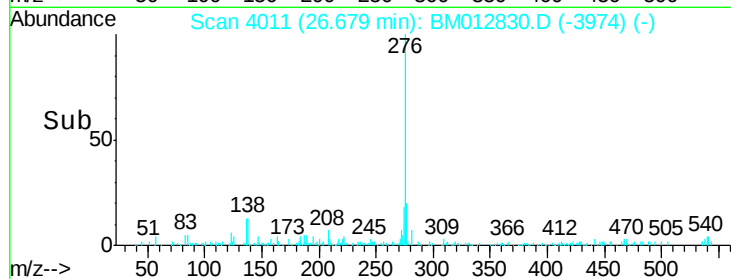
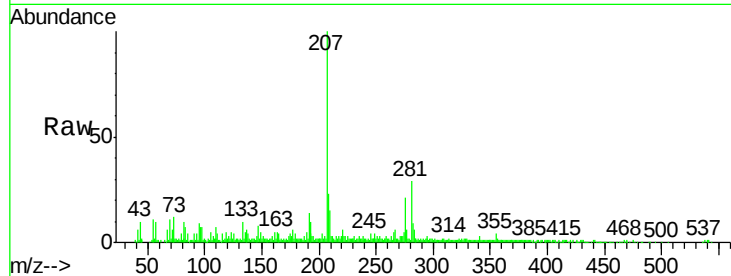
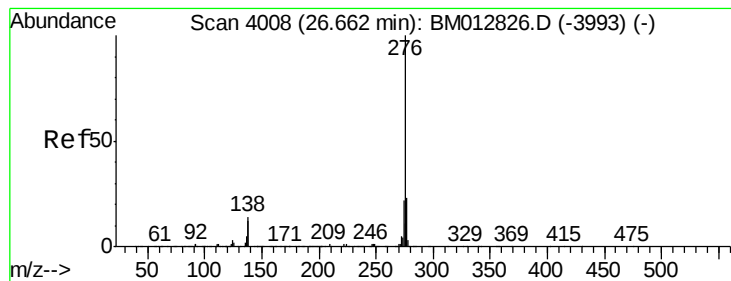
Ion Ratio Lower Upper

276 100

138 20.7 22.3 33.5#

277 33.2 20.2 30.2#





#93

Benzo(a,h,i)perylene

Concen: 1.59 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.02 min

Lab File: BM012830.D

Acq: 08 Nov 2017 20:31

Instrument :

BNA_M

ClientSampleId :

B-15(0.25-1.25)-101717MSD

Tot Ion:276 Resp: 62727

Ion Ratio Lower Upper

276 100

138 18.9 18.9 28.3

277 28.8 19.2 28.8

