

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061015\
 Data File : BM001631.D
 Acq On : 10 Jun 2015 13:46
 Operator : TP/IZ
 Sample : G2414-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1T56

Quant Time: Jun 11 05:58:45 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM061015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 10 13:11:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	76220	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	276573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	158255	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	368503	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	441601	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	440737	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	57171	10.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	100174	32.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	133556	30.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	100464	24.43	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	64343	35.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	72493	35.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	144794	34.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	11841	2.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	406599	37.82	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	528988	36.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	17945	9.74	ng/ul	0.00
57) Fluorene-d10	15.33	176	376473	37.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	61022	32.22	ng/ul	0.00
70) Anthracene-d10	17.19	188	608297	38.26	ng/ul	0.00
76) Pyrene-d10	19.49	212	689903	39.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	726908	40.08	ng/ul	0.00

Target Compounds

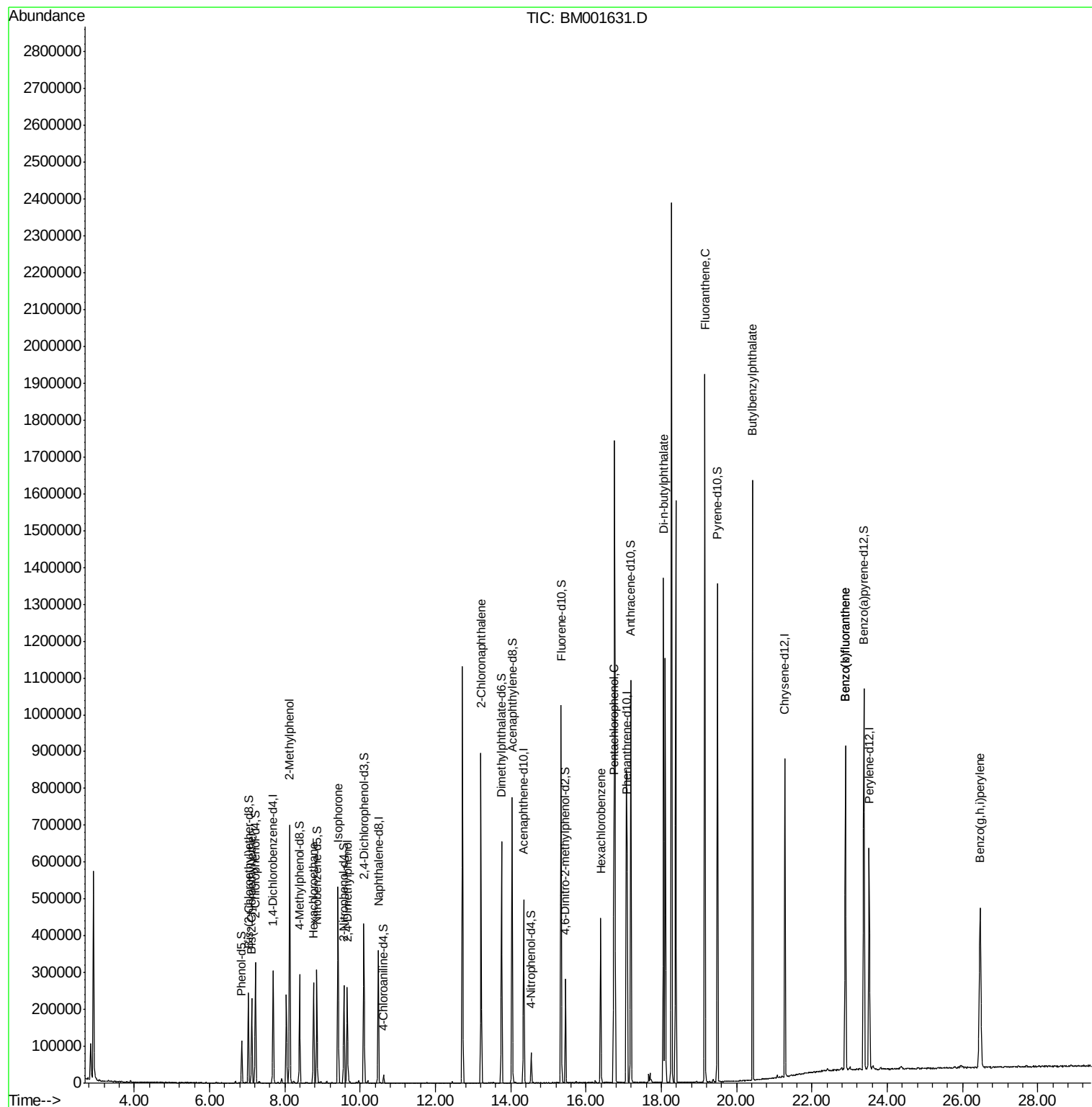
						Qvalue
8) Bis(2-Chloroethyl)ether	7.12	93	120910	28.36	ng/ul	94
11) 2-Methylphenol	8.13	108	200340	49.81	ng/ul	91
17) Hexachloroethane	8.76	117	44166	24.24	ng/ul	92
21) Isophorone	9.41	82	336935	40.72	ng/ul#	97
24) 2,4-Dimethylphenol	9.65	107	91582	18.28	ng/ul	92
41) 2-Chloronaphthalene	13.21	162	413056	42.80	ng/ul	98
66) Hexachlorobenzene	16.39	284	86527	20.04	ng/ul	94
68) Pentachlorophenol	16.73	266	110124	41.59	ng/ul	98
73) Di-n-butylphthalate	18.06	149	930571	52.09	ng/ul#	98
74) Fluoranthene	19.15	202	1139139	52.00	ng/ul#	87
78) Butylbenzylphthalate	20.42	149	423758	55.08	ng/ul#	96
85) Benzo(b)fluoranthene	22.89	252	578544	24.03	ng/ul#	94
86) Benzo(k)fluoranthene	22.89	252	590427	25.17	ng/ul#	94
91) Benzo(g,h,i)perylene	26.47	276	571361	24.34	ng/ul#	85

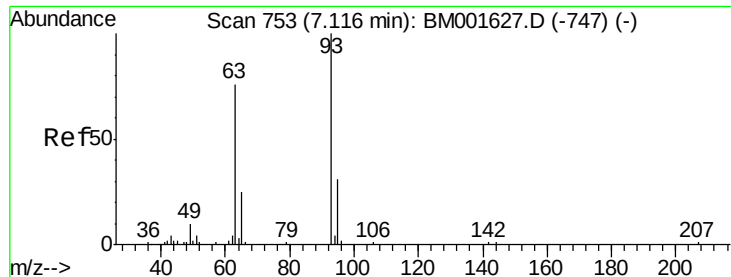
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 28.36 ng/ul

RT: 7.12 min Scan# 754

Delta R.T. 0.01 min

Lab File: BM001631.D

Acq: 10 Jun 2015 13:46

Instrument :

BNA_M

ClientSampleId :

X1T56

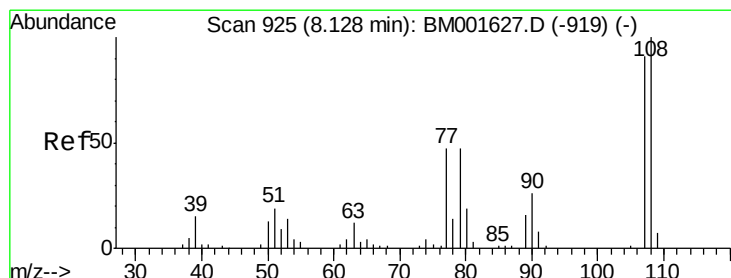
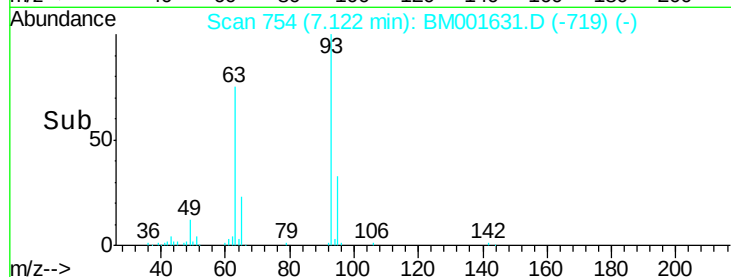
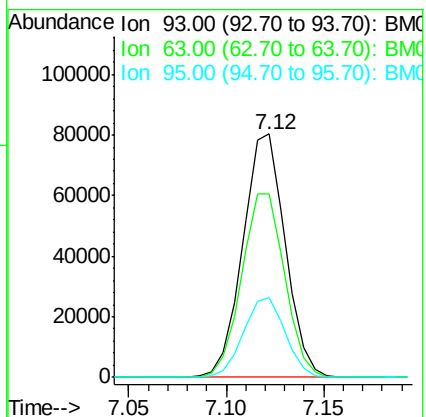
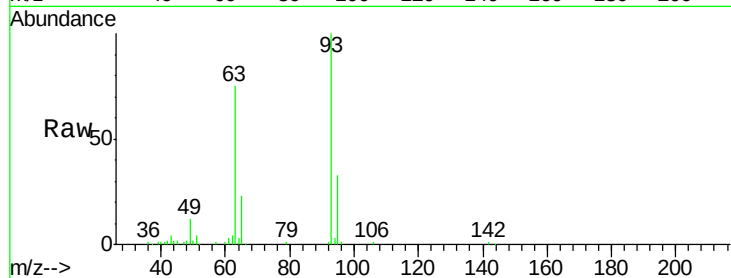
Tgt Ion: 93 Resp: 120910

Ion Ratio Lower Upper

93 100

63 75.2 65.6 98.4

95 32.6 24.9 37.3



#11

2-Methylphenol

Concen: 49.81 ng/ul

RT: 8.13 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM001631.D

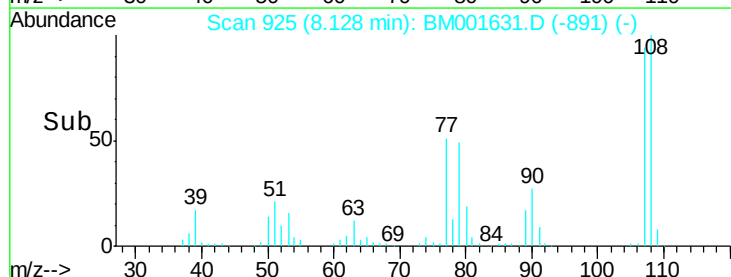
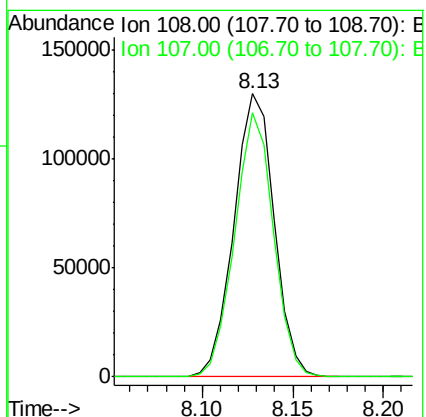
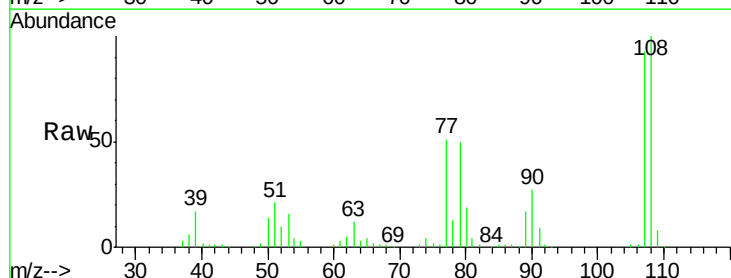
Acq: 10 Jun 2015 13:46

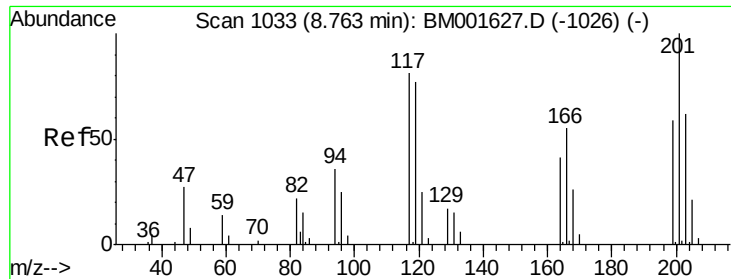
Tgt Ion: 108 Resp: 200340

Ion Ratio Lower Upper

108 100

107 93.5 68.1 102.1





#17

Hexachloroethane

Concen: 24.24 ng/ul

RT: 8.76 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BM001631.D

Acq: 10 Jun 2015 13:46

Instrument :

BNA_M

ClientSampleId :

X1T56

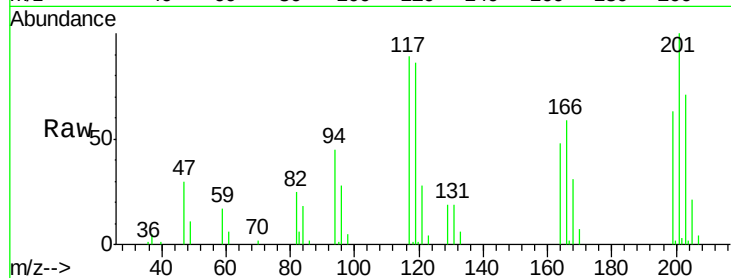
Tgt Ion: 117 Resp: 44166

Ion Ratio Lower Upper

117 100

201 111.8 81.8 122.8

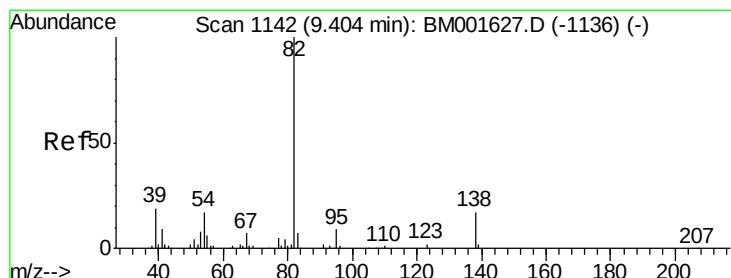
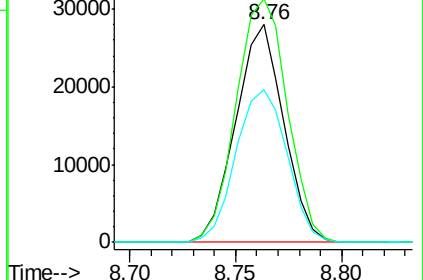
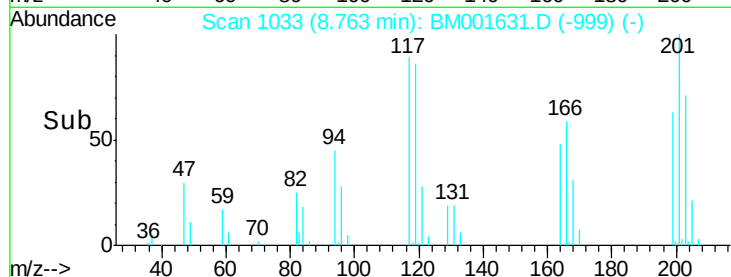
199 69.9 51.8 77.6



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: 40.72 ng/ul

RT: 9.41 min Scan# 1143

Delta R.T. 0.01 min

Lab File: BM001631.D

Acq: 10 Jun 2015 13:46

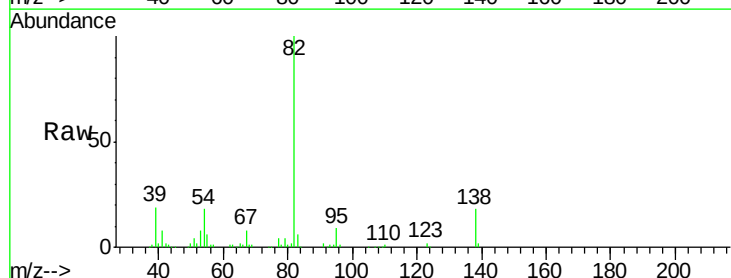
Tgt Ion: 82 Resp: 336935

Ion Ratio Lower Upper

82 100

95 9.2 5.7 8.5#

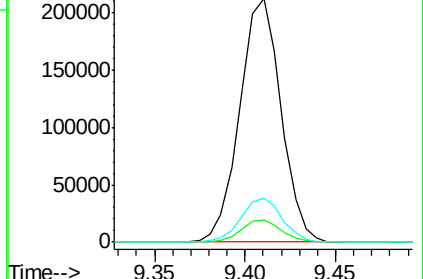
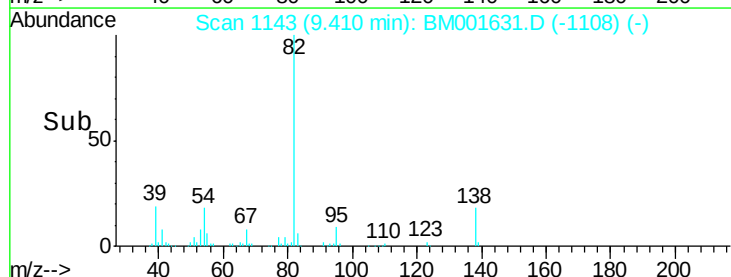
138 17.9 14.8 22.2

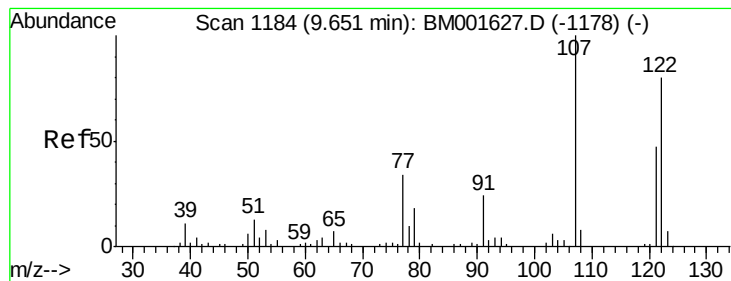


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#24

2,4-Dimethylphenol

Concen: 18.28 ng/ul

RT: 9.65 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BM001631.D

Acq: 10 Jun 2015 13:46

Instrument :

BNA_M

ClientSampleId :

X1T56

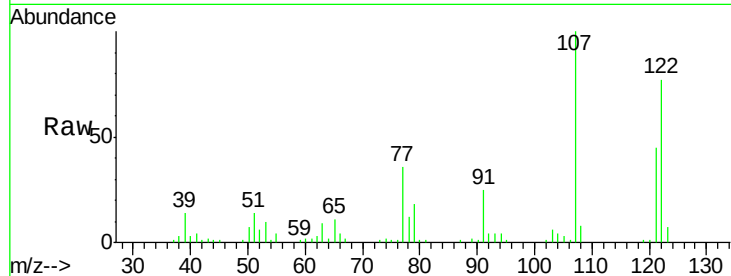
Tgt Ion:107 Resp: 91582

Ion Ratio Lower Upper

107 100

121 45.5 38.2 57.4

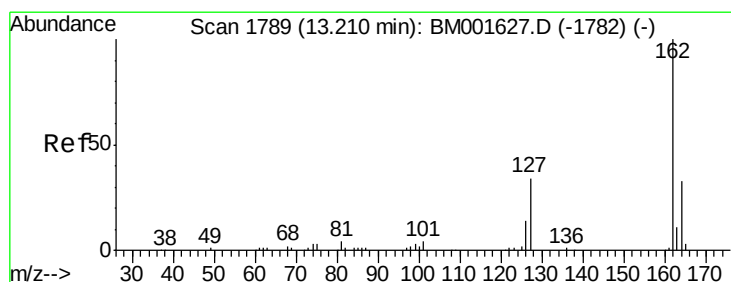
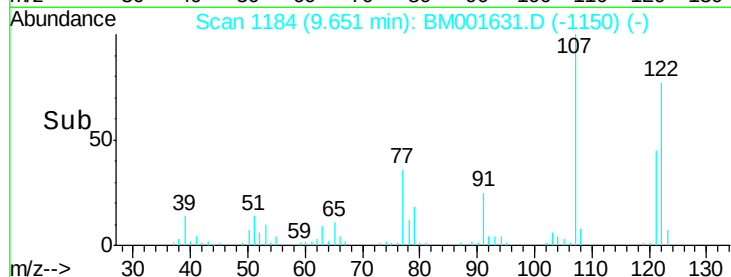
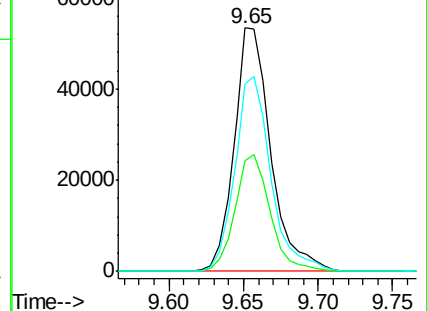
122 77.2 69.0 103.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#41

2-Chloronaphthalene

Concen: 42.80 ng/ul

RT: 13.21 min Scan# 1789

Delta R.T. 0.00 min

Lab File: BM001631.D

Acq: 10 Jun 2015 13:46

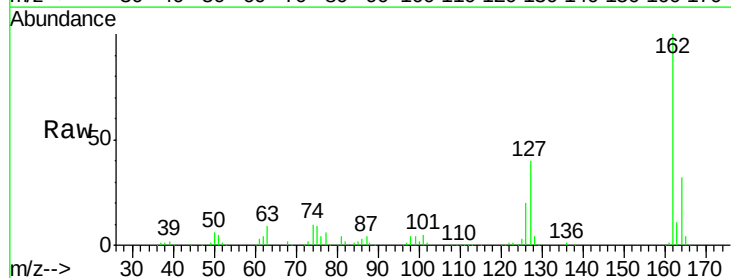
Tgt Ion:162 Resp: 413056

Ion Ratio Lower Upper

162 100

164 32.5 26.4 39.6

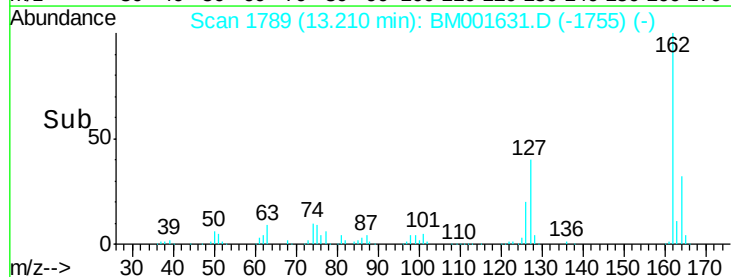
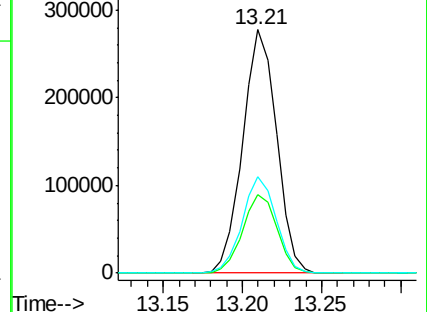
127 39.8 30.1 45.1

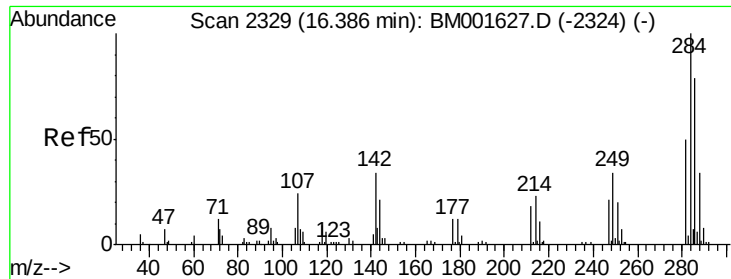


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

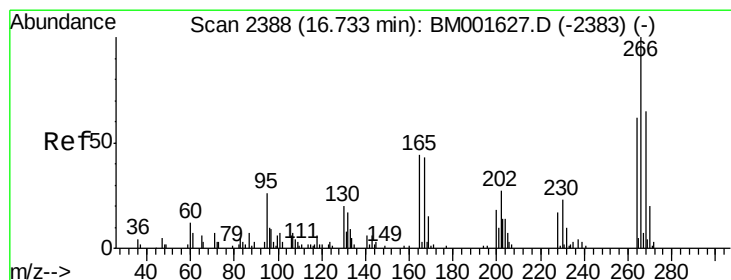
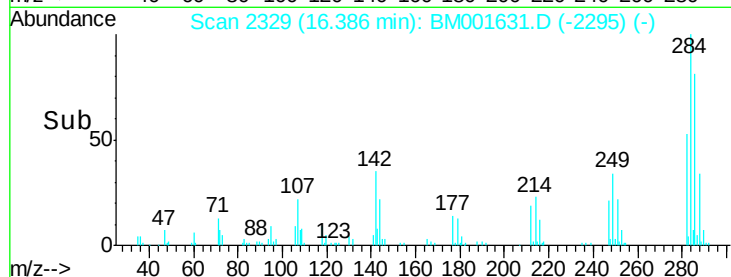
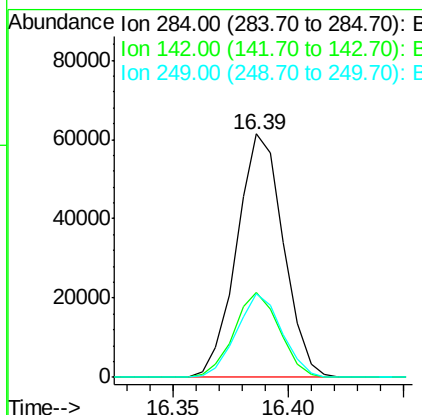
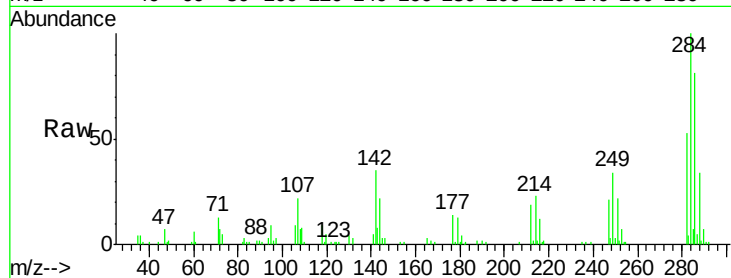




#66
Hexachlorobenzene
Concen: 20.04 ng/ul
RT: 16.39 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

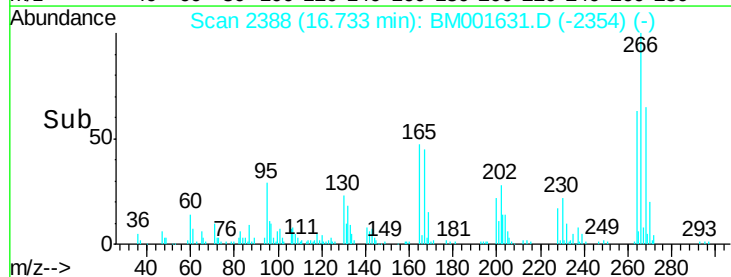
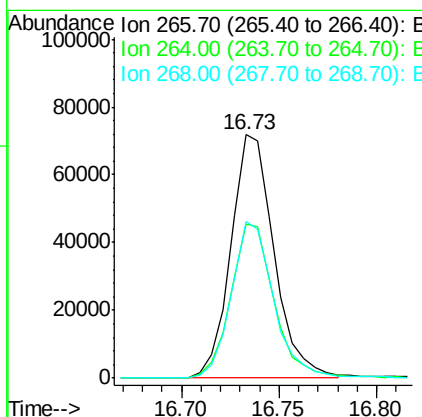
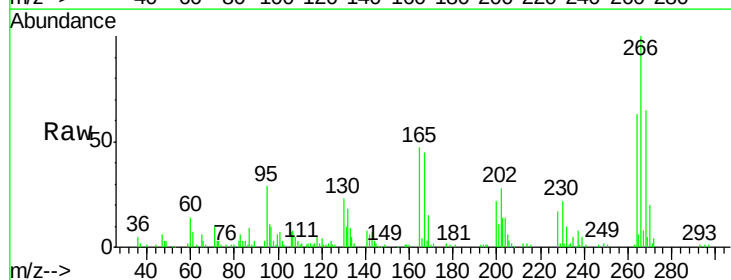
Instrument :
BNA_M
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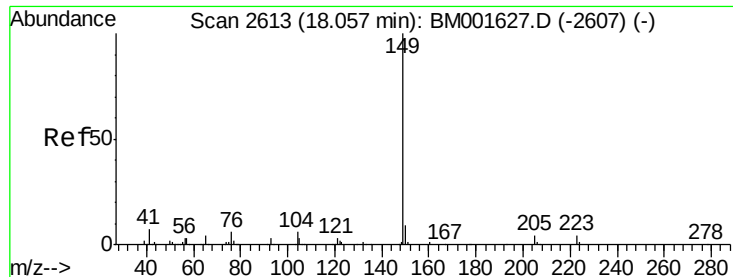
Tgt Ion:284 Resp: 86527
Ion Ratio Lower Upper
284 100
142 34.9 29.7 44.5
249 34.2 23.5 35.3



#68
Pentachlorophenol
Concen: 41.59 ng/ul
RT: 16.73 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

Tgt Ion:266 Resp: 110124
Ion Ratio Lower Upper
266 100
264 63.2 50.2 75.4
268 64.5 50.1 75.1

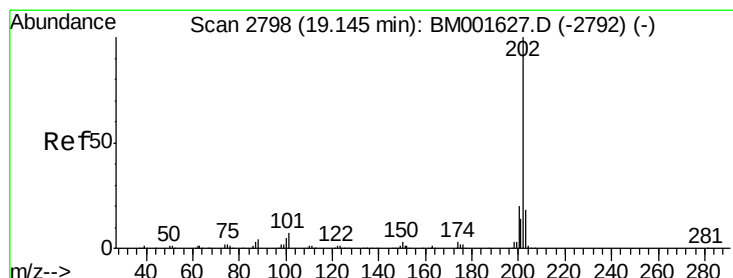
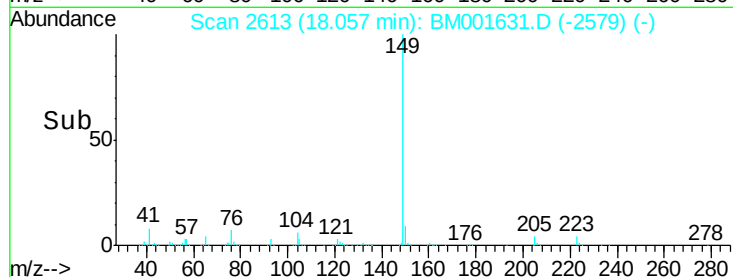
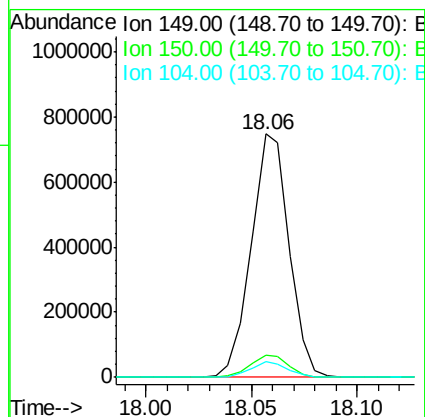
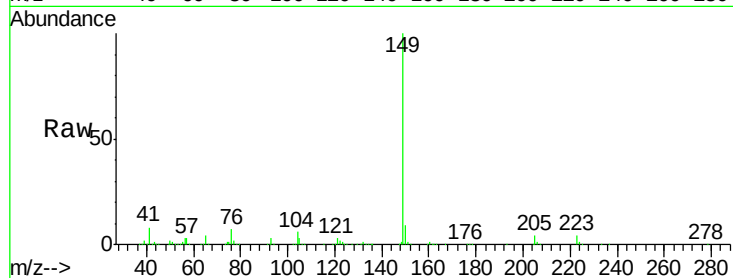




#73
Di-n-butylphthalate
Concen: 52.09 ng/ul
RT: 18.06 min Scan# 2613
Delta R.T. 0.00 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

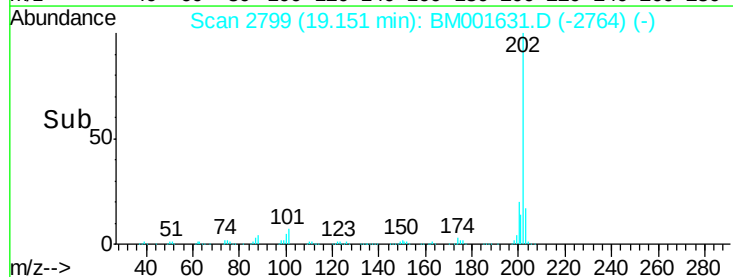
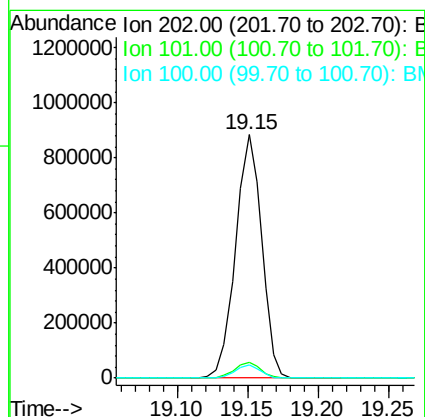
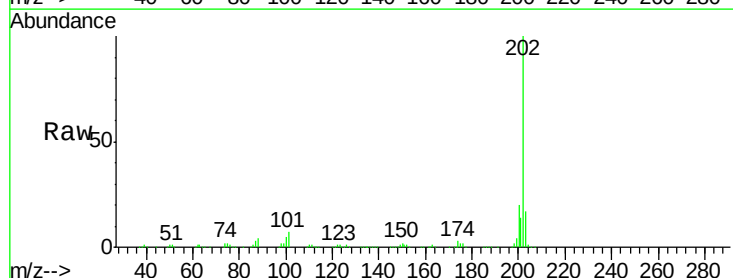
Instrument :
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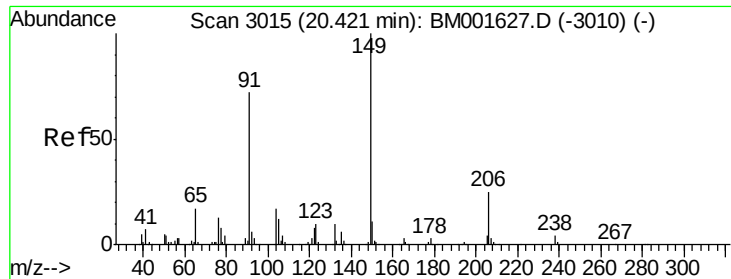
Tgt Ion:149 Resp: 930571
Ion Ratio Lower Upper
149 100
150 9.2 7.1 10.7
104 6.4 3.9 5.9#



#74
Fluoranthene
Concen: 52.00 ng/ul
RT: 19.15 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

Tgt Ion:202 Resp: 1139139
Ion Ratio Lower Upper
202 100
101 6.5 9.8 14.6#
100 5.3 7.7 11.5#

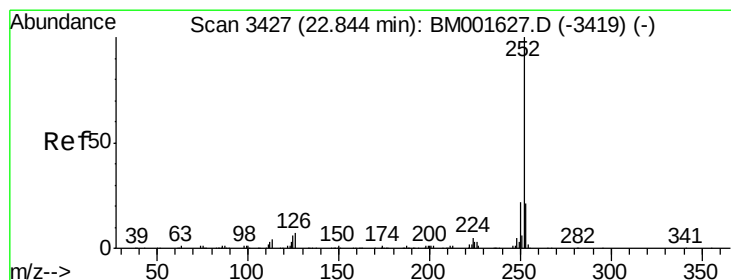
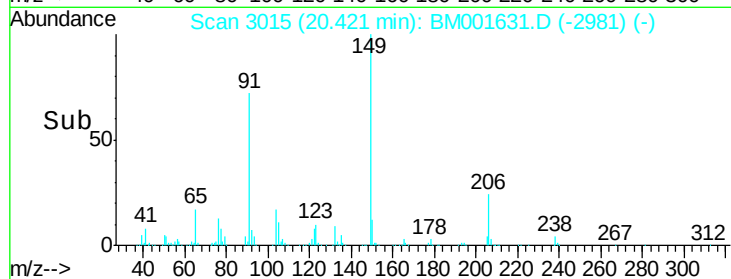
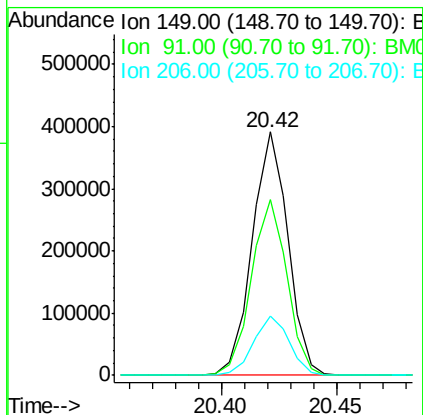
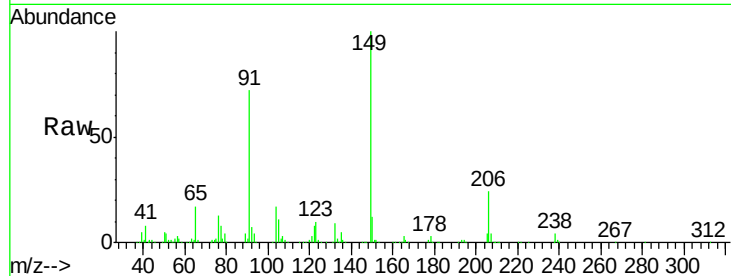




#78
Butylbenzylphthalate
Concen: 55.08 ng/ul
RT: 20.42 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

Instrument :
BNA_M
ClientSampleId :
X1T56

Tgt Ion:149 Resp: 423758
Ion Ratio Lower Upper
149 100
91 72.2 59.7 89.5
206 24.5 15.9 23.9#



#85
Benzo(b)fluoranthene
Concen: 24.03 ng/ul
RT: 22.89 min Scan# 3434
Delta R.T. 0.04 min
Lab File: BM001631.D
Acq: 10 Jun 2015 13:46

Tgt Ion:252 Resp: 578544
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 5.7 9.7 14.5#

