

Data File : BM009824.D
Acq On : 30 Apr 2017 22:31
Operator : SJ/MA
Sample : I2849-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSQ7

Quant Time: May 01 02:30:22 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 02:28:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	218757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	913642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	503714	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	991408	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1235167	20.00	ng/ul	0.02
83) Perylene-d12	23.74	264	1173499	20.00	ng/ul	0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	18503	3.89	ng/uL	0.00
5) Phenol-d5	6.99	99	415184	17.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	316607	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	304891	20.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	344167	18.58	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	154704	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	176504	22.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	325714	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	339026	17.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	1039844	23.73	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1283769	24.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	129947	15.37	ng/ul	0.01
57) Fluorene-d10	15.46	176	875553	22.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	1736	0.25	ng/ul	-0.06
70) Anthracene-d10	17.32	188	1219421	23.96	ng/ul	0.00
76) Pyrene-d10	19.62	212	1272656	23.35	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.59	264	1391848	24.39	ng/ul	0.04

Target Compounds

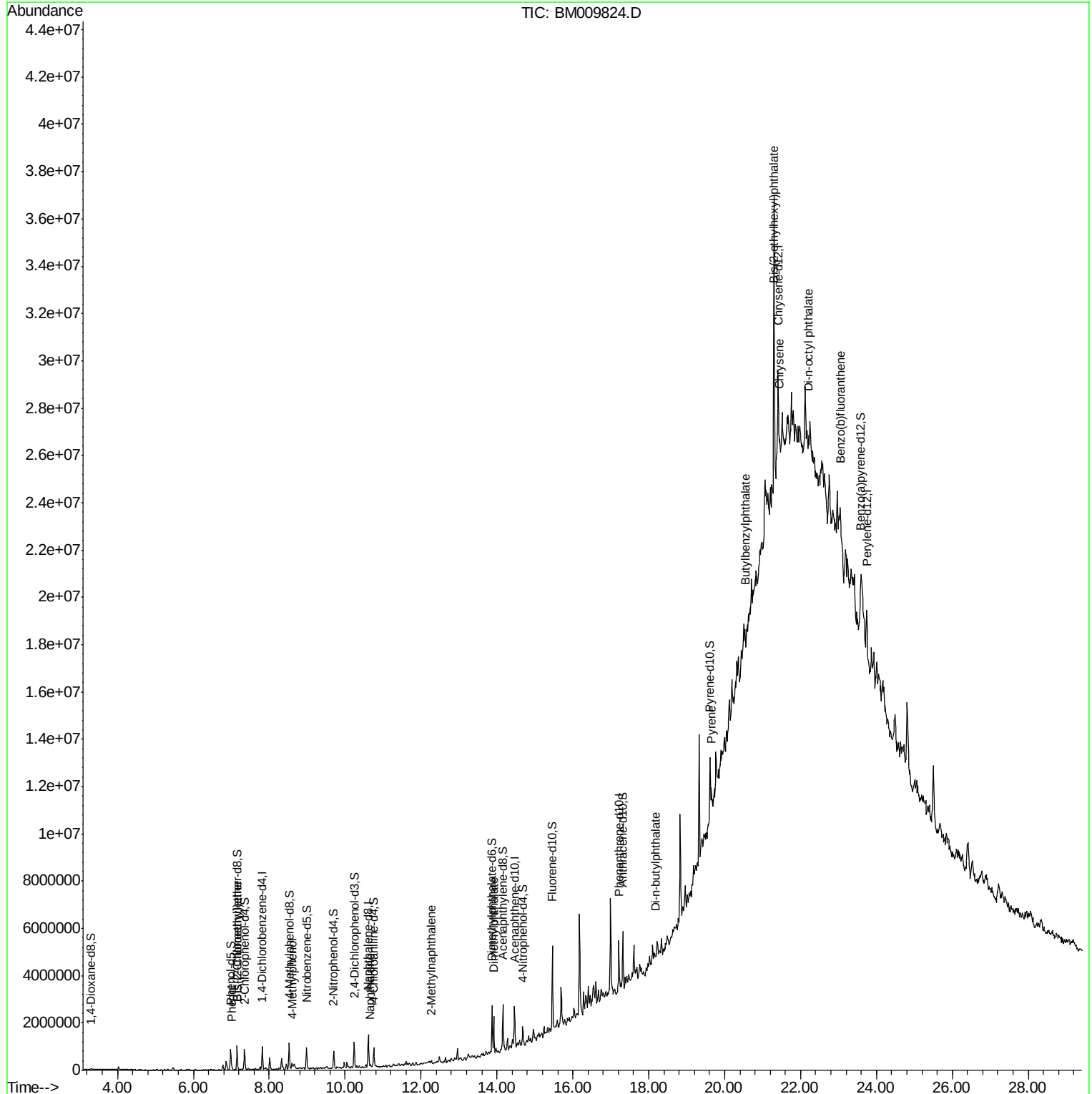
						Qvalue
6) Phenol	7.02	94	25743	1.05	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.15	93	199934	10.84	ng/ul#	13
16) 4-Methylphenol	8.60	108	128218	6.55	ng/ul	96
28) Naphthalene	10.66	128	60450	1.24	ng/ul#	91
34) 2-Methylnaphthalene	12.27	142	68272	1.82	ng/ul	99
44) Dimethylphthalate	13.92	163	338735	7.81	ng/ul	98
73) Di-n-butylphthalate	18.17	149	88710	1.36	ng/ul#	85
77) Pyrene	19.64	202	199740	2.86	ng/ul#	80
78) Butylbenzylphthalate	20.53	149	160162	5.54	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.30	149	3108953	70.93	ng/ul	94
82) Chrysene	21.44	228	92534	1.40	ng/ul#	31
84) Di-n-octyl phthalate	22.21	149	102895	1.20	ng/ul#	1
85) Benzo(b)fluoranthene	23.04	252	76265	1.00	ng/ul#	1

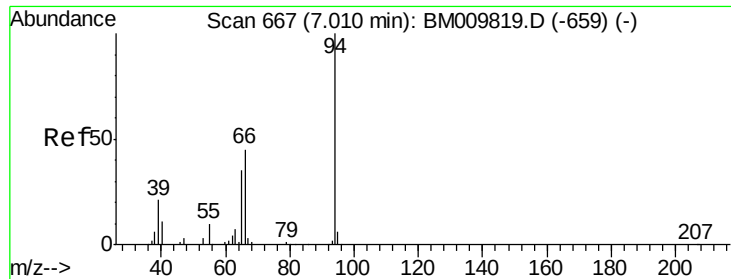
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHSQ7

Response via : Initial Calibration





#6

Phenol

Concen: 1.05 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

Instrument :

BNA_M

ClientSampleId :

JHSQ7

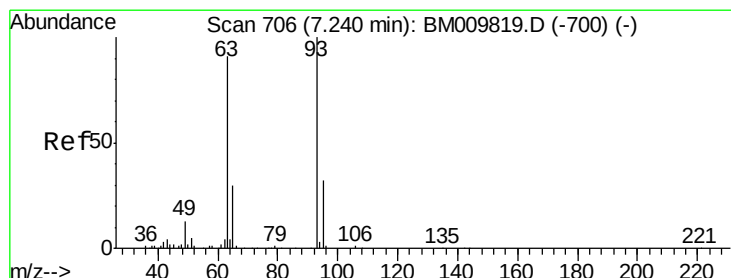
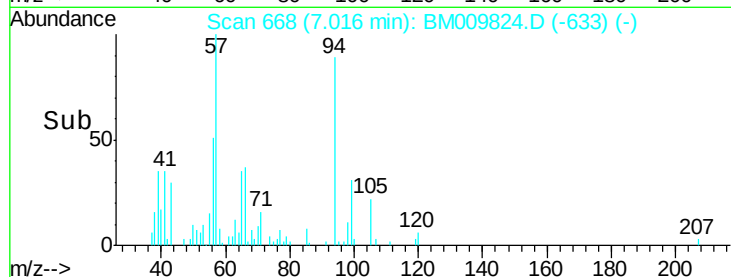
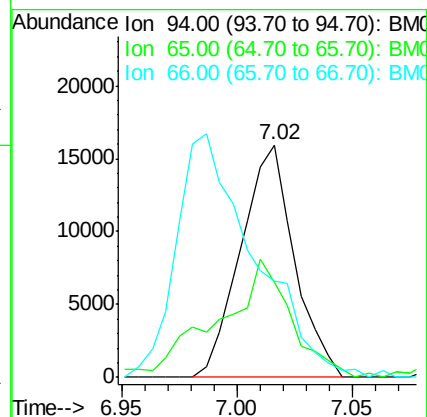
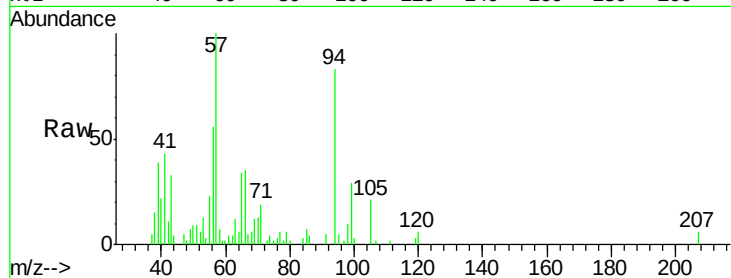
Tgt Ion: 94 Resp: 25743

Ion Ratio Lower Upper

94 100

65 40.7 39.8 59.6

66 41.7 69.9 104.9#



#8

Bis(2-Chloroethyl)ether

Concen: 10.84 ng/ul

RT: 7.15 min Scan# 691

Delta R.T. -0.09 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

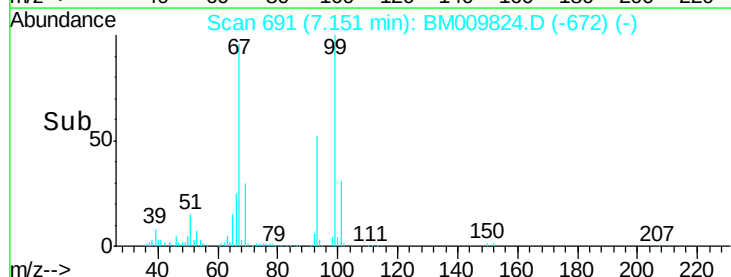
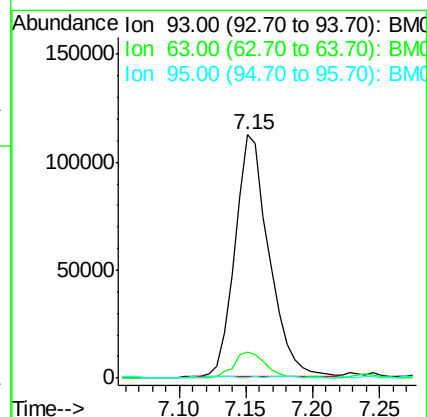
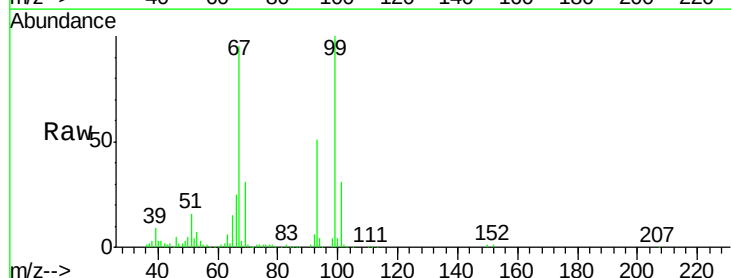
Tgt Ion: 93 Resp: 199934

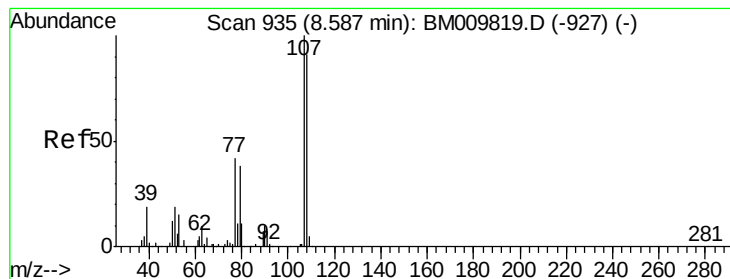
Ion Ratio Lower Upper

93 100

63 10.9 92.0 138.0#

95 0.4 26.7 40.1#





#16

4-Methylphenol

Concen: 6.55 ng/ul

RT: 8.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

Instrument :

BNA_M

ClientSampleId :

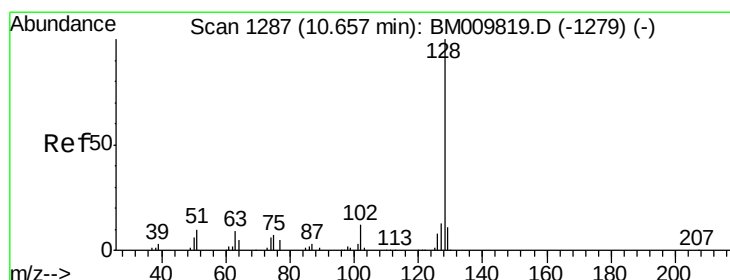
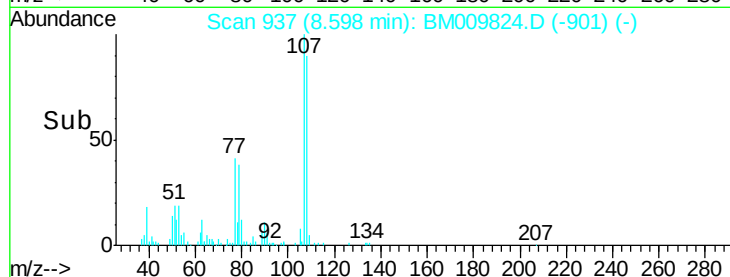
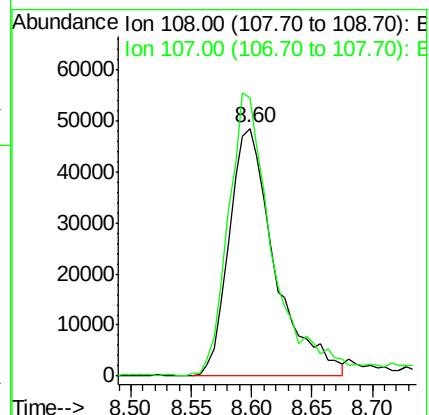
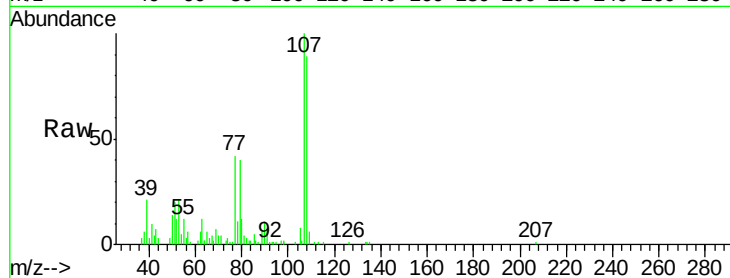
JHSQ7

Tgt Ion:108 Resp: 128218

Ion Ratio Lower Upper

108 100

107 112.1 93.1 139.7



#28

Naphthalene

Concen: 1.24 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

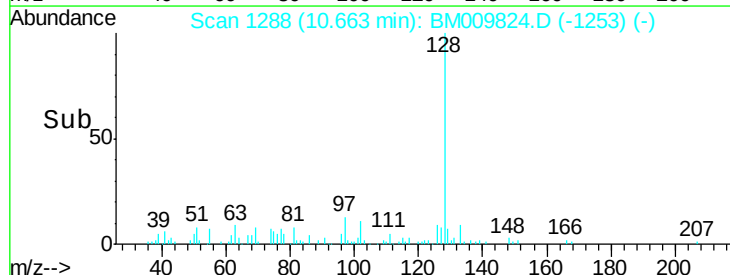
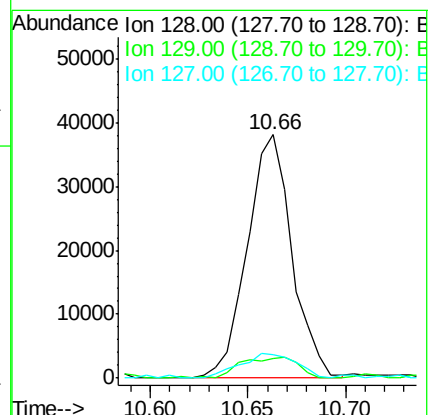
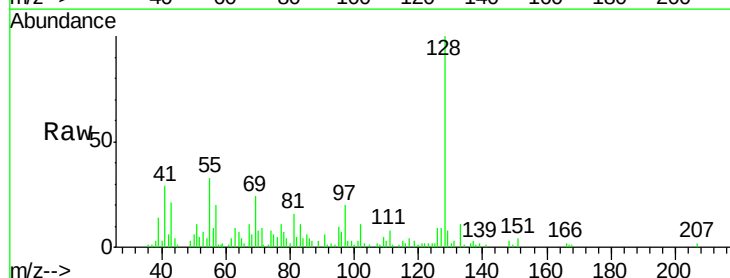
Tgt Ion:128 Resp: 60450

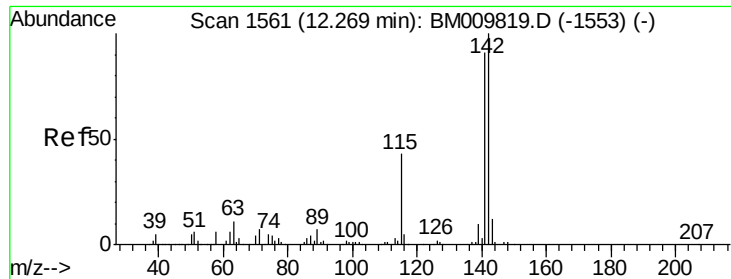
Ion Ratio Lower Upper

128 100

129 8.3 9.7 14.5#

127 9.4 10.2 15.4#

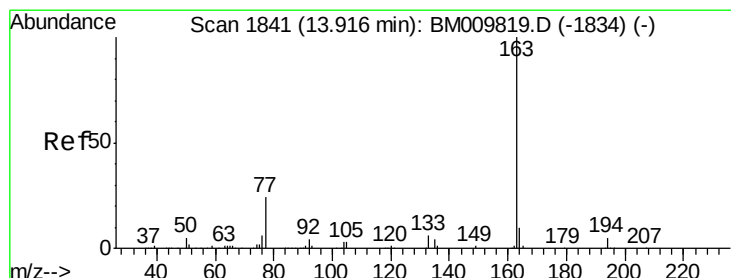
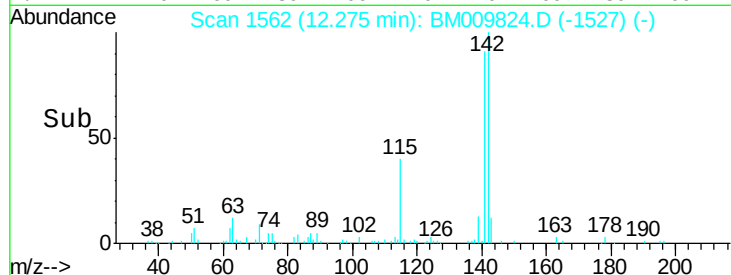
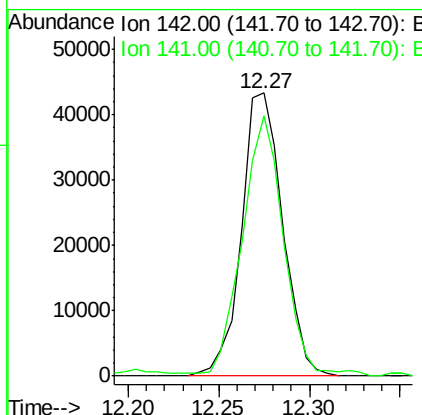
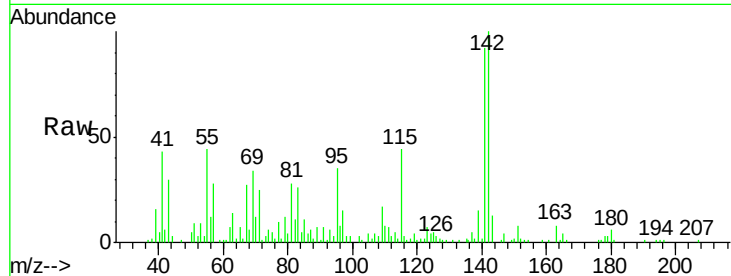




#34
2-Methylnaphthalene
Concen: 1.82 ng/ul
RT: 12.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BM009824.D
Acq: 30 Apr 2017 22:31

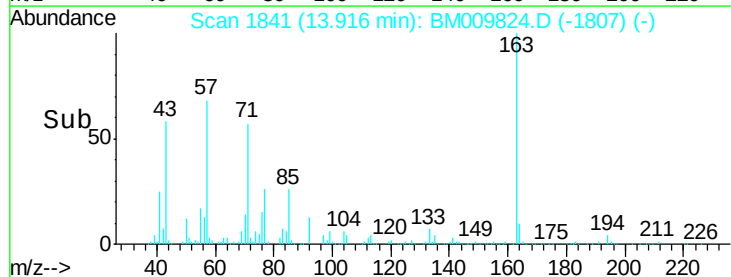
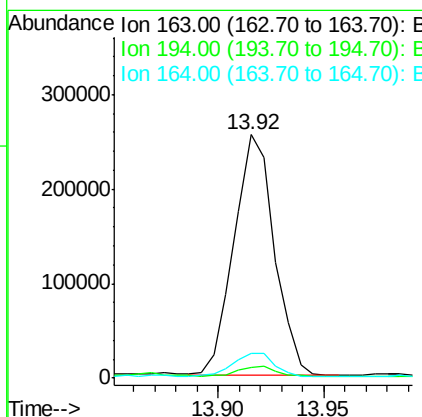
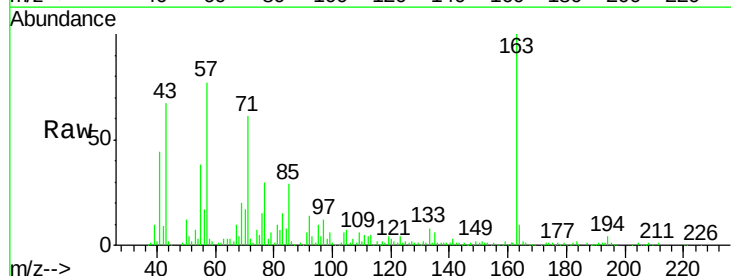
Instrument :
BNA_M
ClientSampleId :
JHSQ7

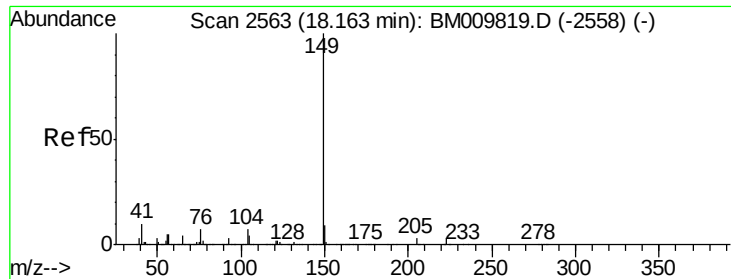
Tgt Ion:142 Resp: 68272
Ion Ratio Lower Upper
142 100
141 92.1 72.6 109.0



#44
Dimethylphthalate
Concen: 7.81 ng/ul
RT: 13.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM009824.D
Acq: 30 Apr 2017 22:31

Tgt Ion:163 Resp: 338735
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 10.2 8.6 12.8





#73

Di-n-butylphthalate

Concen: 1.36 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

Instrument :

BNA_M

ClientSampleId :

JHSQ7

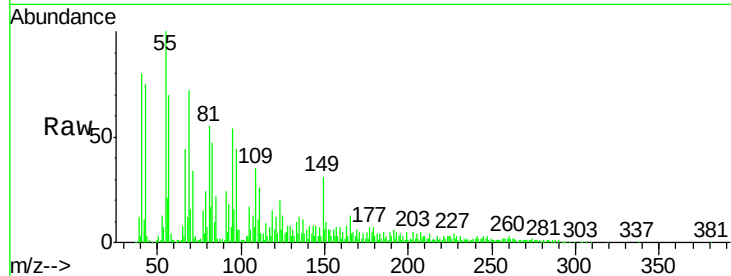
Tgt Ion:149 Resp: 88710

Ion Ratio Lower Upper

149 100

150 18.1 7.1 10.7#

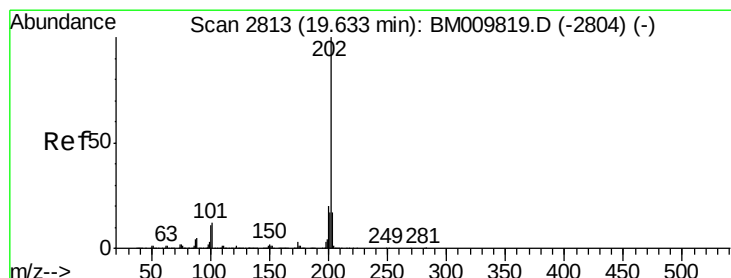
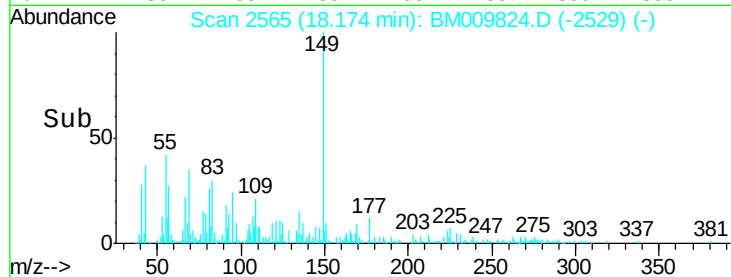
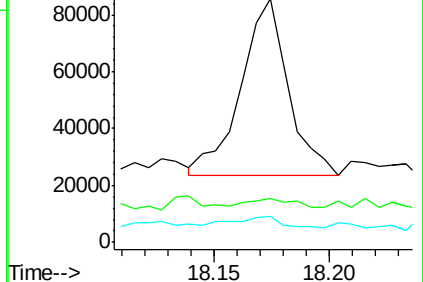
104 10.4 6.9 10.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Pyrene

Concen: 2.86 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

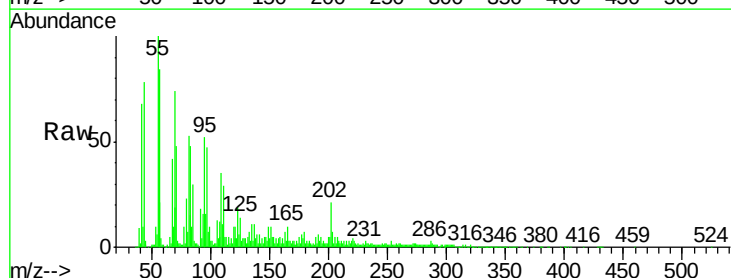
Tgt Ion:202 Resp: 199740

Ion Ratio Lower Upper

202 100

101 16.2 6.2 9.4#

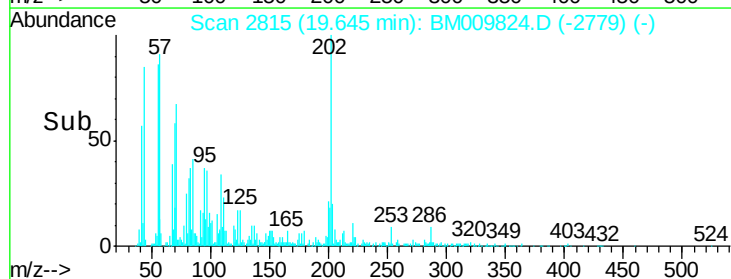
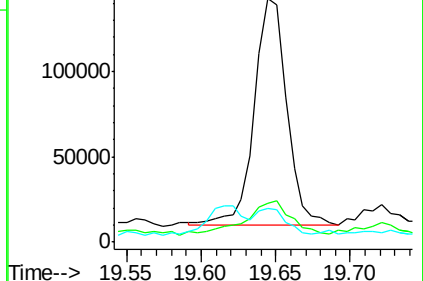
100 14.1 6.4 9.6#

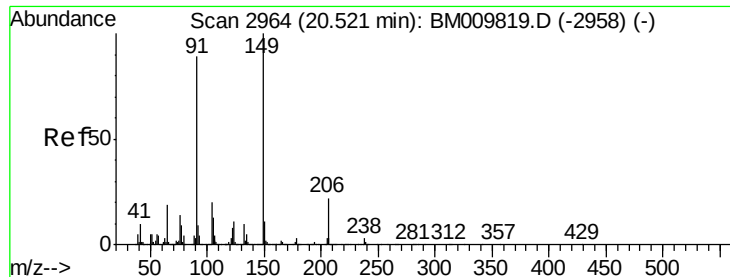


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#78

Butylbenzylphthalate

Concen: 5.54 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. 0.01 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

Instrument :

BNA_M

ClientSampleId :

JHSQ7

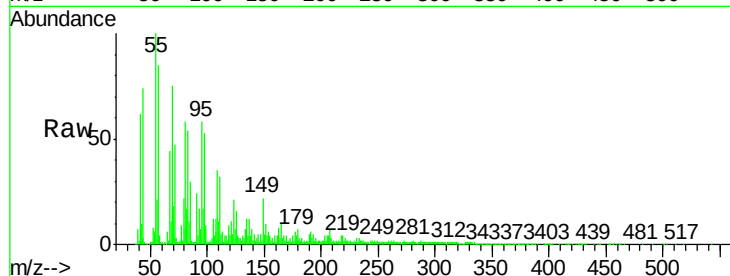
Tgt Ion:149 Resp: 160162

Ion Ratio Lower Upper

149 100

91 109.4 80.0 120.0

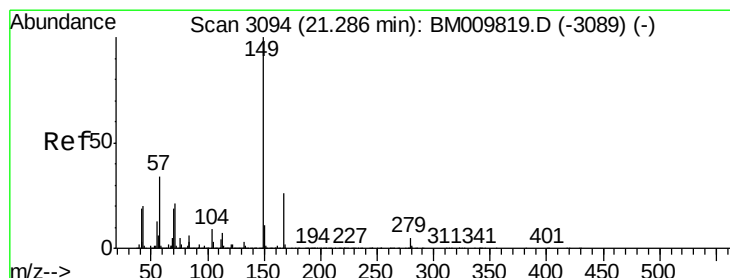
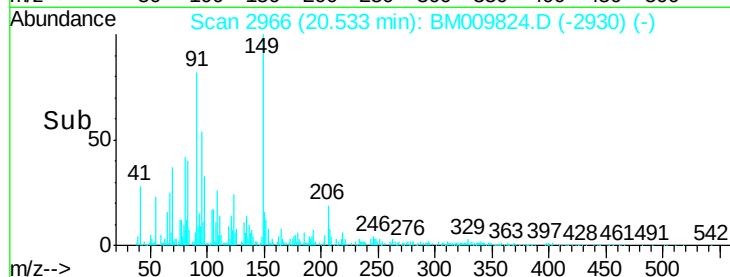
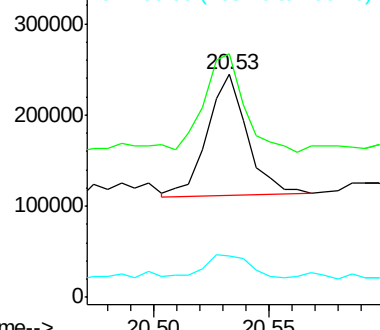
206 18.6 19.1 28.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 70.93 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.02 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

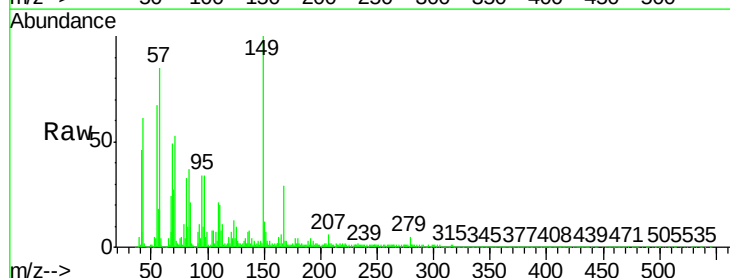
Tgt Ion:149 Resp: 3108953

Ion Ratio Lower Upper

149 100

167 28.6 20.2 30.2

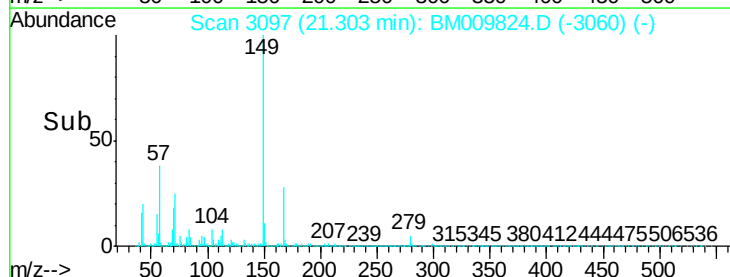
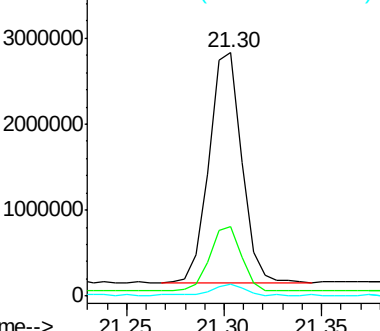
279 5.0 4.0 6.0

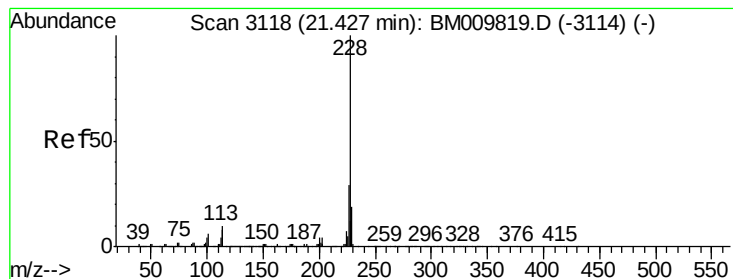


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.40 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. 0.02 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

Instrument :

BNA_M

ClientSampleId :

JHSQ7

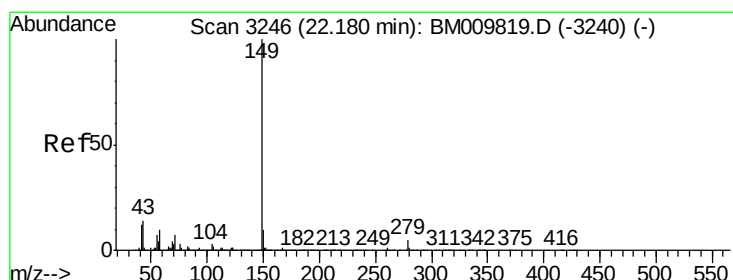
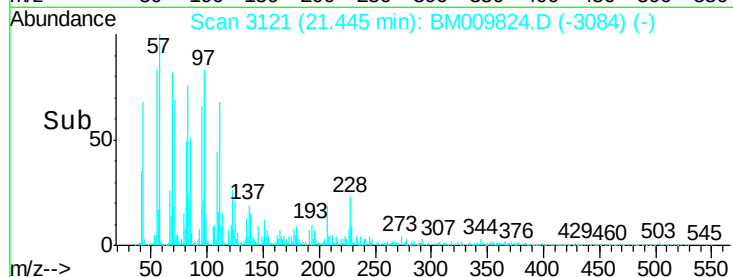
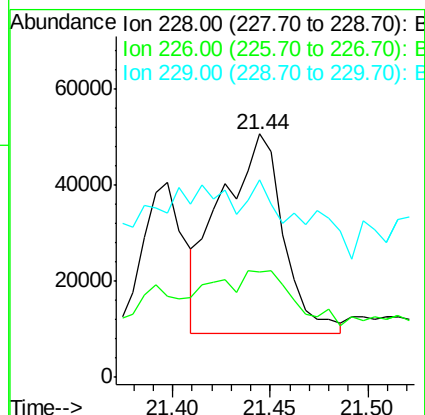
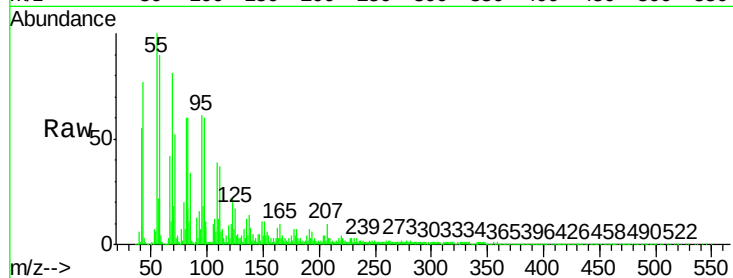
Tgt Ion:228 Resp: 92534

Ion Ratio Lower Upper

228 100

226 43.5 23.9 35.9#

229 81.4 15.4 23.2#



#84

Di-n-octyl phthalate

Concen: 1.20 ng/ul

RT: 22.21 min Scan# 3251

Delta R.T. 0.03 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

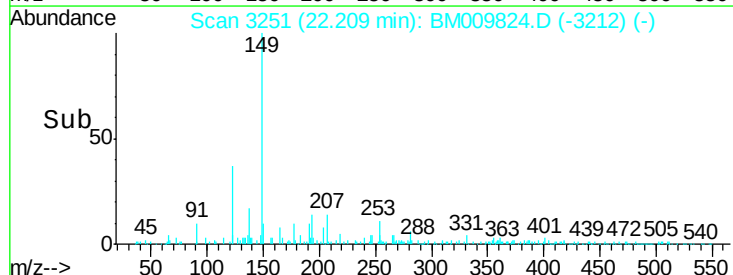
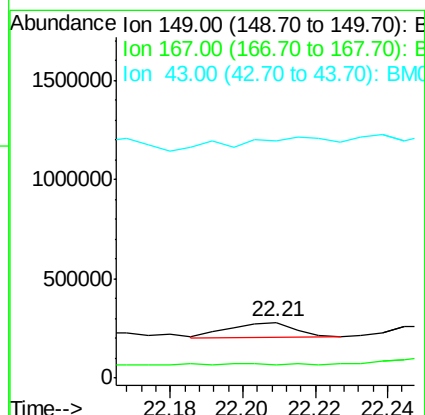
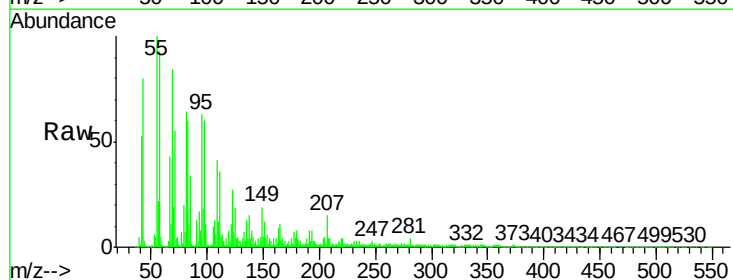
Tgt Ion:149 Resp: 102895

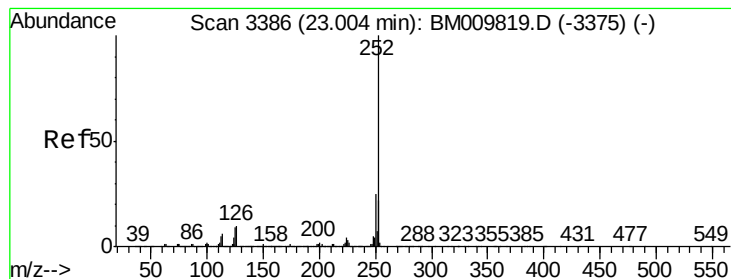
Ion Ratio Lower Upper

149 100

167 23.7 1.4 2.0#

43 428.4 13.7 20.5#





#85

Benzo(b)fluoranthene

Concen: 1.00 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.03 min

Lab File: BM009824.D

Acq: 30 Apr 2017 22:31

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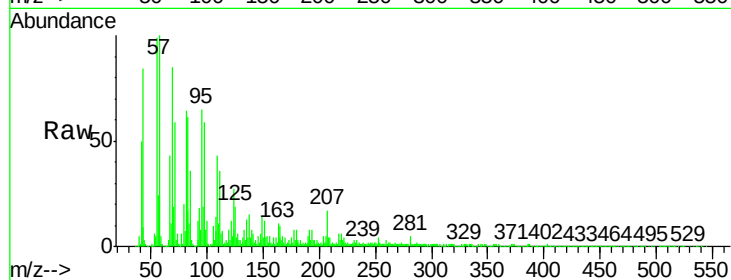
Tgt Ion: 252 Resp: 76265

Ion Ratio Lower Upper

252 100

253 62.8 17.0 25.4#

125 498.7 3.7 5.5#



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

