

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
 Data File : BM003497.D
 Acq On : 12 Dec 2015 00:19
 Operator : UM/IZ
 Sample : G4734-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KX6

Quant Time: Dec 12 01:00:05 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM120115.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 12 00:54:45 2015
 Response via : Initial Calibration

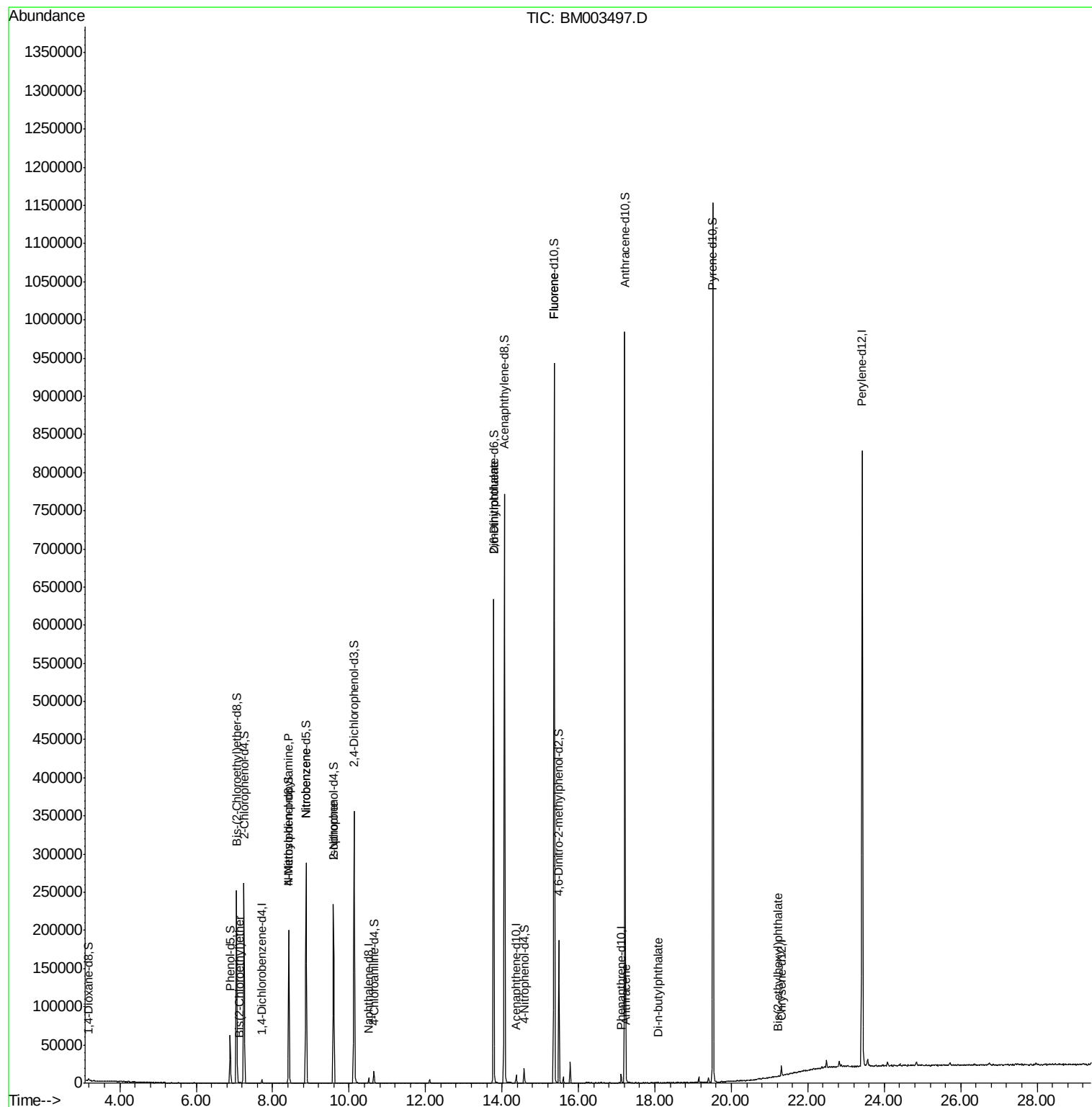
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1660	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	8143	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	4376	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	8286	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	8111	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	568309	20.00	ng/ul	-0.15
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	2091	62.59	ng/uL	0.00
5) Phenol-d5	6.89	99	38214	288.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	105134	1438.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	127835	1166.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	76914	691.81	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	76010	1368.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	81275	1399.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	139679	1213.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	11636	89.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	441696	1342.58	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	557087	1377.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	7544	127.93	ng/ul	0.00
58) Fluorene-d10	15.36	176	387746	1369.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	41401	976.59	ng/ul	0.00
71) Anthracene-d10	17.22	188	546802	1485.34	ng/ul	0.00
79) Pyrene-d10	19.52	212	578860	1457.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	0.00	264	0	0.00	ng/ul	
Target Compounds						
8) Bis(2-Chloroethyl)ether	7.15	93	397	3.68	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.42	70	1649	20.51	ng/ul#	1
20) Nitrobenzene	8.87	77	220	1.71	ng/ul#	37
21) Isophorone	9.59	82	6212	25.92	ng/ul#	68
46) 2,6-Dinitrotoluene	13.78	165	2540	40.91	ng/ul#	35
59) Fluorene	15.37	166	721	2.23	ng/ul#	9
72) Anthracene	17.25	178	497	1.08	ng/ul#	61
76) Di-n-butylphthalate	18.09	149	1157	2.70	ng/ul#	78
84) Bis(2-ethylhexyl)phthalate	21.23	149	649	2.73	ng/ul#	53

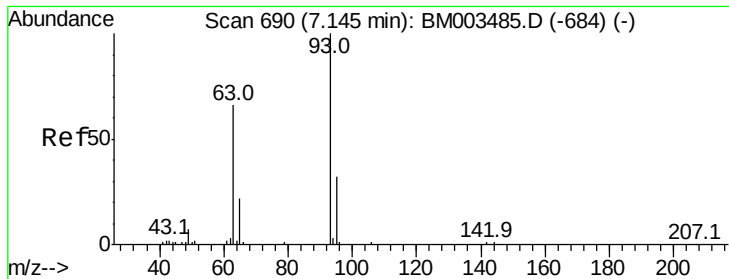
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Bis(2-Chloroethyl)ether

Concen: 3.68 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

Instrument :

BNA_M

ClientSampleId :

A4KX6

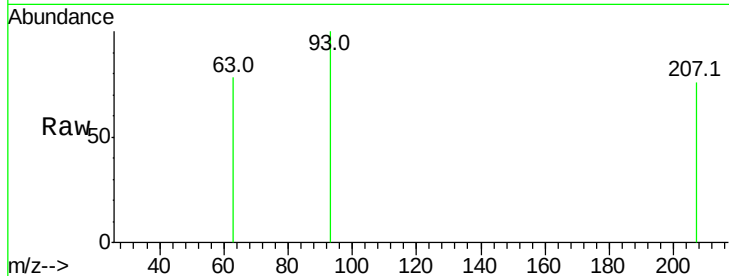
Tot Ion: 93 Resp: 397

Ion Ratio Lower Upper

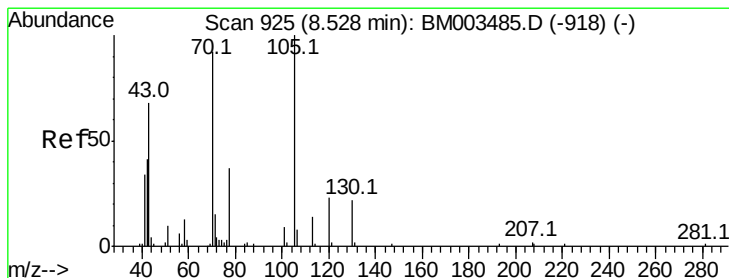
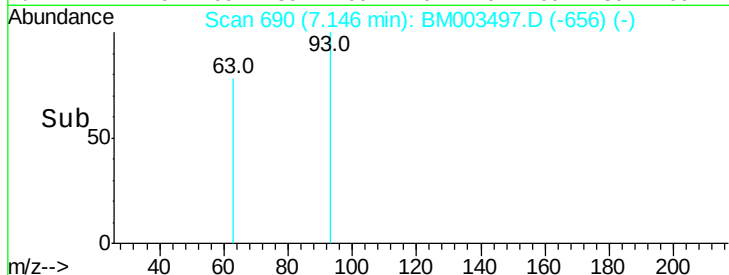
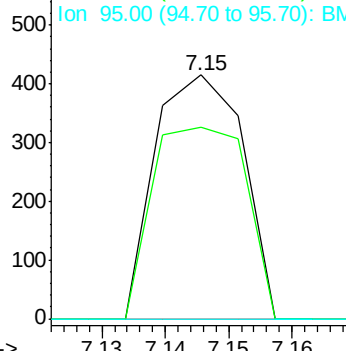
93 100

63 78.3 52.9 79.3

95 0.0 26.1 39.1#



Abundance Ion 93.00 (92.70 to 93.70): BM003485.D (-684) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 20.51 ng/ul

RT: 8.42 min Scan# 907

Delta R.T. -0.11 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

Tgt Ion: 70 Resp: 1649

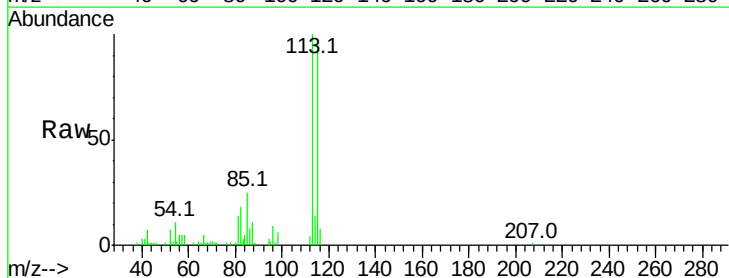
Ion Ratio Lower Upper

70 100

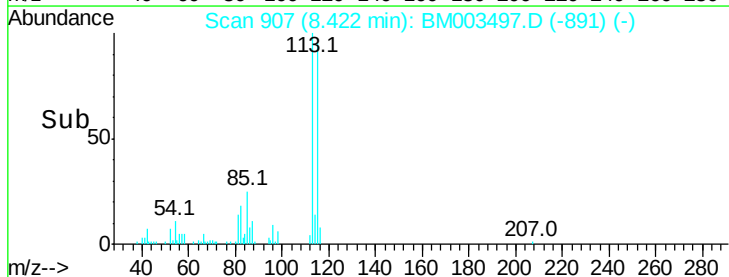
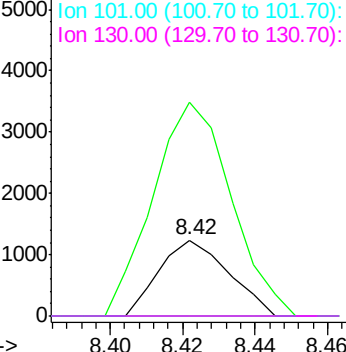
42 281.0 35.0 52.6#

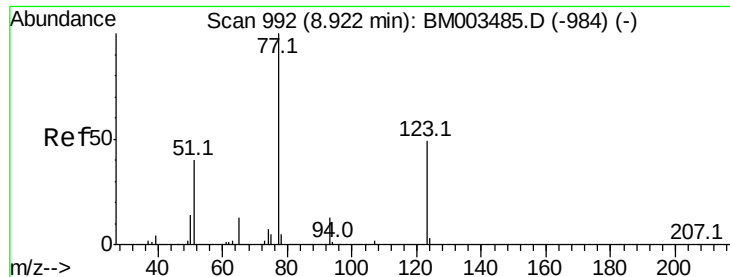
101 0.0 8.6 13.0#

130 0.0 18.6 27.8#



Abundance Ion 70.00 (69.70 to 70.70): BM003485.D (-918) (-)





#20

Nitrobenzene

Concen: 1.71 ng/ul

RT: 8.87 min Scan# 984

Delta R.T. -0.05 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

Instrument :

BNA_M

ClientSampleId :

A4KX6

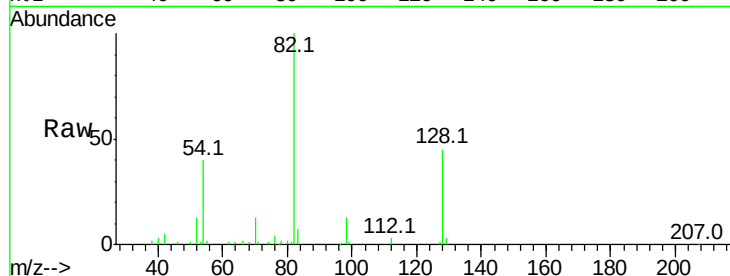
Tot Ion: 77 Resp: 220

Ion Ratio Lower Upper

77 100

123 0.0 37.8 56.8#

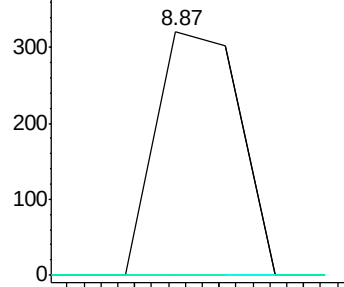
65 0.0 9.8 14.8#



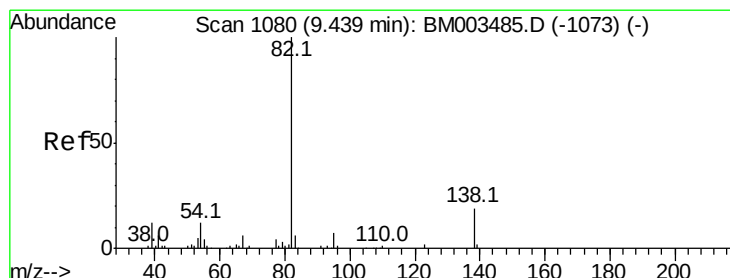
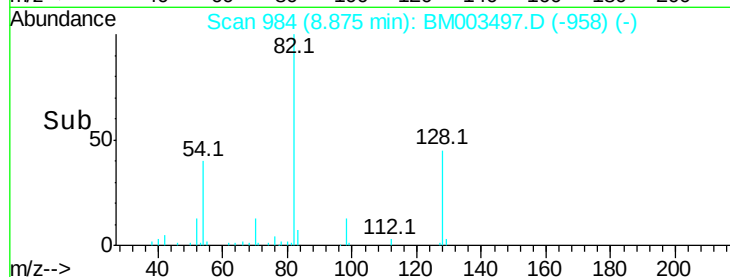
Abundance Ion 77.00 (76.70 to 77.70): BM003485.D (-984) (-)

Ion 123.00 (122.70 to 123.70): BM003485.D (-984) (-)

Ion 65.00 (64.70 to 65.70): BM003485.D (-984) (-)



Time-->



#21

Isophorone

Concen: 25.92 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. 0.15 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

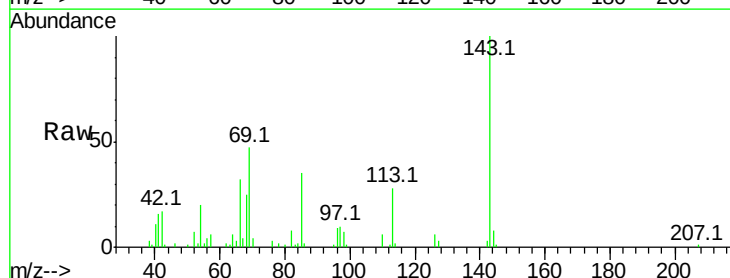
Tgt Ion: 82 Resp: 6212

Ion Ratio Lower Upper

82 100

95 8.7 5.8 8.8

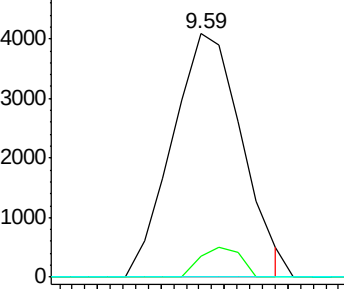
138 0.0 15.5 23.3#



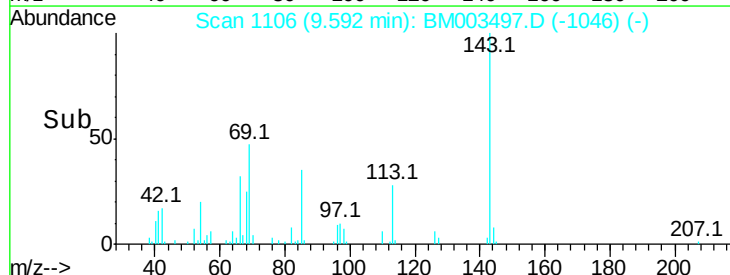
Abundance Ion 82.00 (81.70 to 82.70): BM003485.D (-1073) (-)

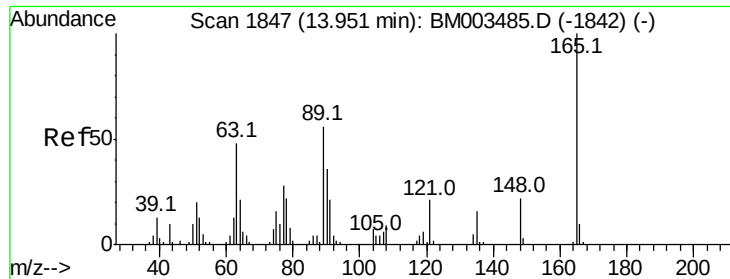
Ion 95.00 (94.70 to 95.70): BM003485.D (-1073) (-)

Ion 138.00 (137.70 to 138.70): BM003485.D (-1073) (-)



Time-->

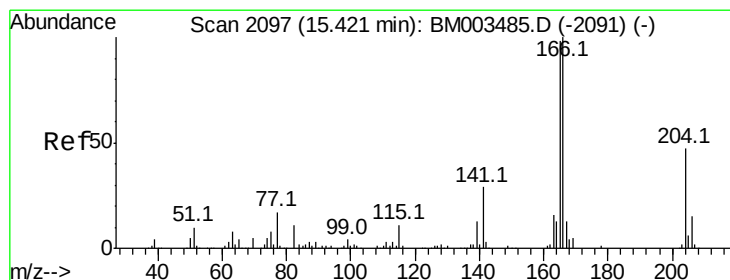
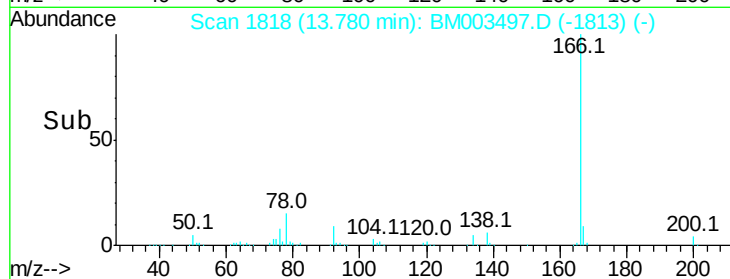
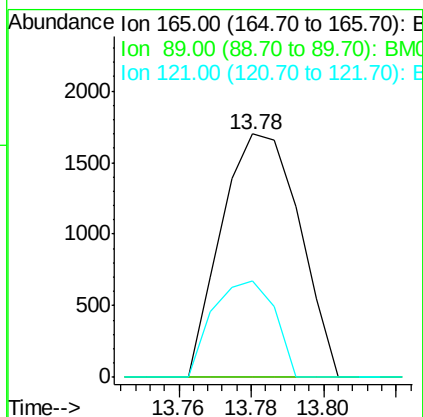
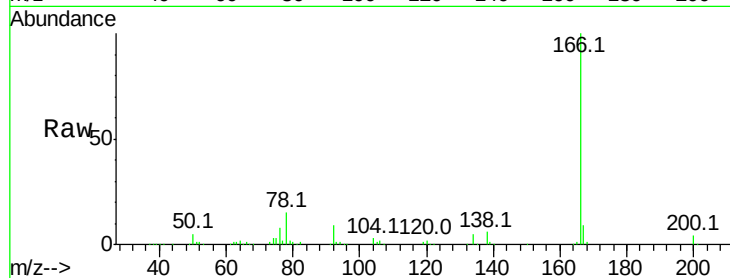




#46
 2,6-Dinitrotoluene
 Concen: 40.91 ng/ul
 RT: 13.78 min Scan# 1818
 Delta R.T. -0.17 min
 Lab File: BM003497.D
 Acq: 12 Dec 2015 00:19

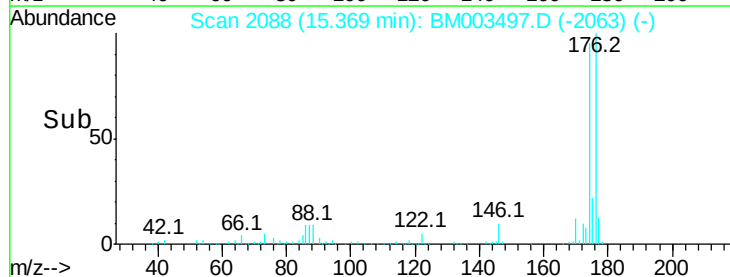
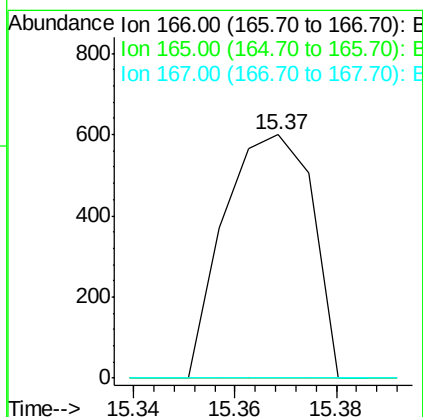
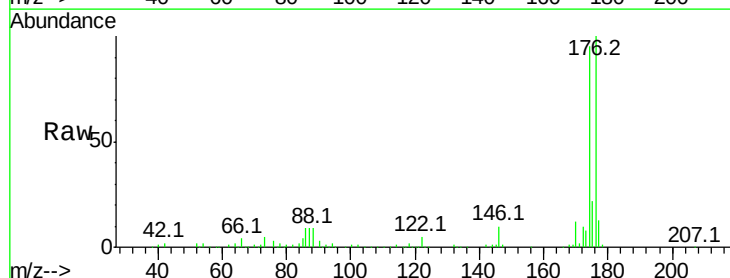
Instrument :
 BNA_M
 ClientSampleId :
 A4KX6

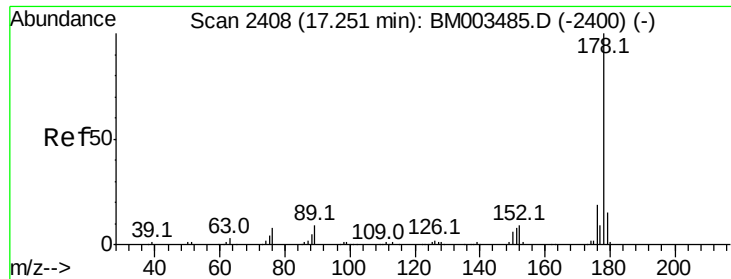
Tot Ion:165 Resp: 2540
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.0 63.0#
 121 39.7 16.6 24.8#



#59
 Fluorene
 Concen: 2.23 ng/ul
 RT: 15.37 min Scan# 2088
 Delta R.T. -0.05 min
 Lab File: BM003497.D
 Acq: 12 Dec 2015 00:19

Tgt Ion:166 Resp: 721
 Ion Ratio Lower Upper
 166 100
 165 0.0 78.8 118.2#
 167 0.0 10.8 16.2#





#72

Anthracene

Concen: 1.08 ng/ul

RT: 17.25 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

Instrument :

BNA_M

ClientSampleId :

A4KX6

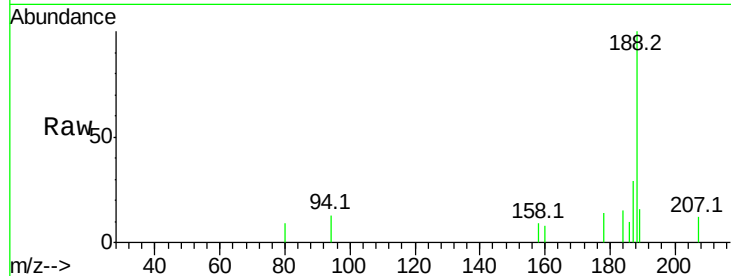
Tot Ion:178 Resp: 497

Ion Ratio Lower Upper

178 100

179 0.0 12.2 18.4#

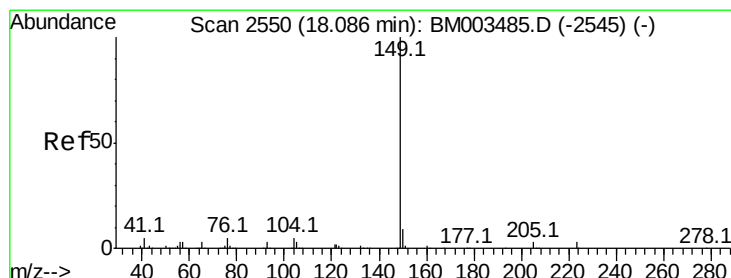
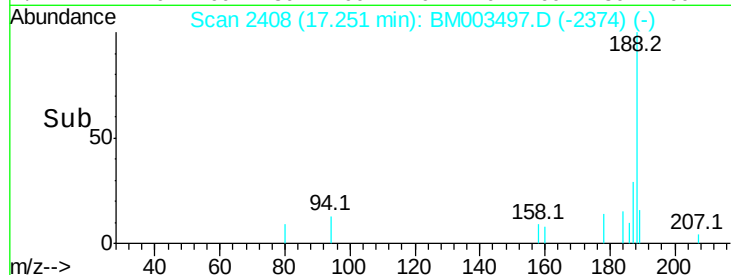
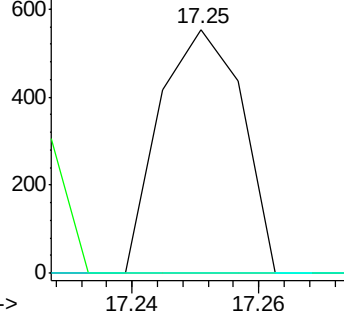
176 0.0 14.9 22.3#



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



#76

Di-n-butylphthalate

Concen: 2.70 ng/ul

RT: 18.09 min Scan# 2550

Delta R.T. 0.00 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

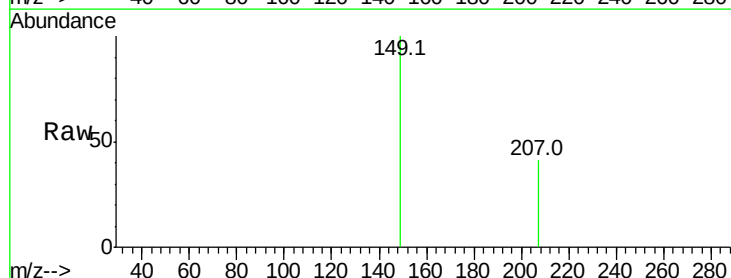
Tgt Ion:149 Resp: 1157

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.0#

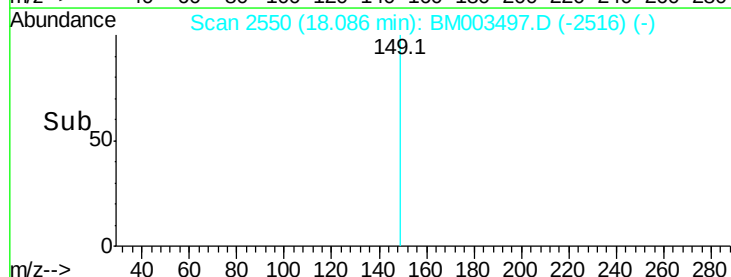
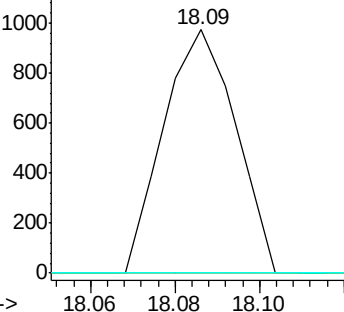
104 0.0 3.8 5.8#

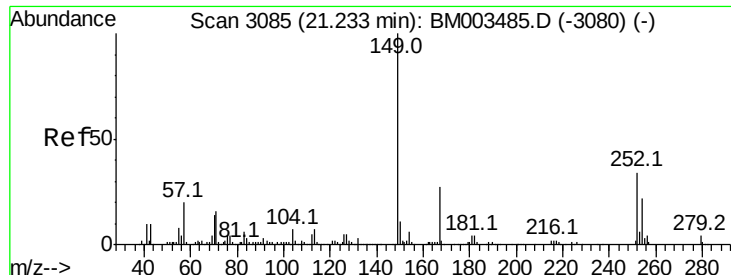


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.73 ng/ul

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM003497.D

Acq: 12 Dec 2015 00:19

Instrument :

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ClientSampleId :

A4KX6

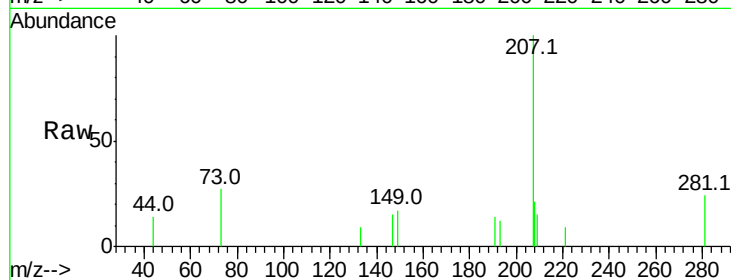
Tot Ion:149 Resp: 649

Ion Ratio Lower Upper

149 100

167 0.0 21.6 32.4#

279 0.0 2.9 4.3#



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

