

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121115\
 Data File : BM003492.D
 Acq On : 11 Dec 2015 21:18
 Operator : UM/IZ
 Sample : G4734-04MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4KW2MSD

Quant Time: Dec 12 00:58:39 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	84936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	410151	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	241102	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.12	188	506916	20.00	ng/ul	0.00
78) Chrysene-d12	21.32	240	414267	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	382614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	2528	1.48	ng/uL	0.00
5) Phenol-d5	6.89	99	51057	7.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	113865	30.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	144635	25.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	98908	17.39	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	90946	32.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	96248	32.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	167702	28.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	8077	1.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.78	166	570160	31.46	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	697705	31.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	14948	4.60	ng/ul	0.00
58) Fluorene-d10	15.37	176	490087	31.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	63882	24.63	ng/ul	0.00
71) Anthracene-d10	17.22	188	709642	31.51	ng/ul	0.00
79) Pyrene-d10	19.52	212	694028	34.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	557574	30.20	ng/ul	0.00

Target Compounds

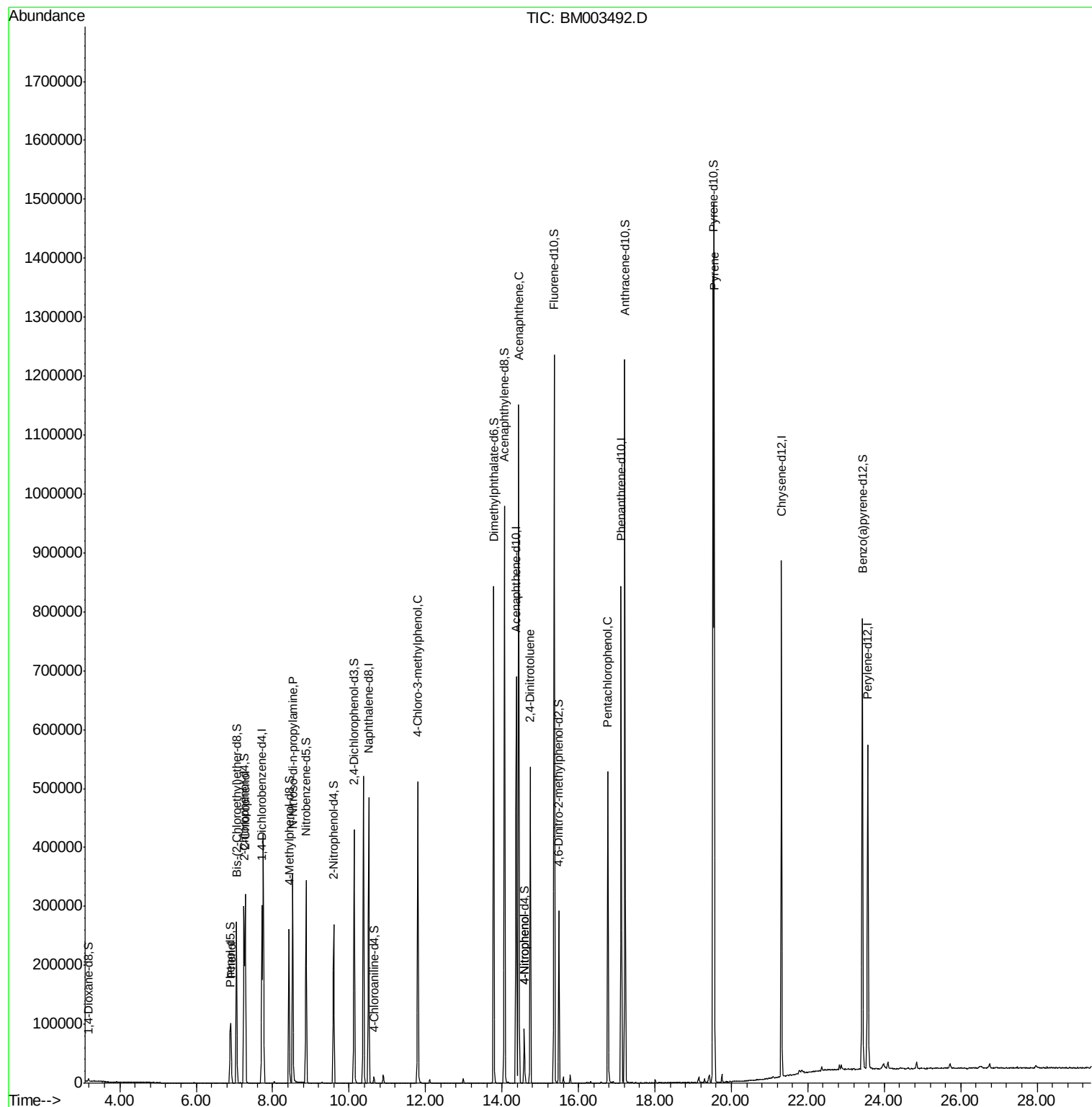
						Ovalue
6) Phenol	6.92	94	60442	8.44	ng/ul	99
10) 2-Chlorophenol	7.28	128	155799	26.24	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	138546	33.68	ng/ul	100
33) 4-Chloro-3-methylphenol	11.80	107	182973	28.47	ng/ul	98
50) Acenaphthene	14.44	153	494757	30.43	ng/ul	100
53) 4-Nitrophenol	14.59	109	14636	5.75	ng/ul	96
55) 2,4-Dinitrotoluene	14.74	165	157488	31.66	ng/ul	97
69) Pentachlorophenol	16.77	266	86897	28.28	ng/ul	99
80) Pvrene	19.55	202	899901	33.56	ng/ul	99

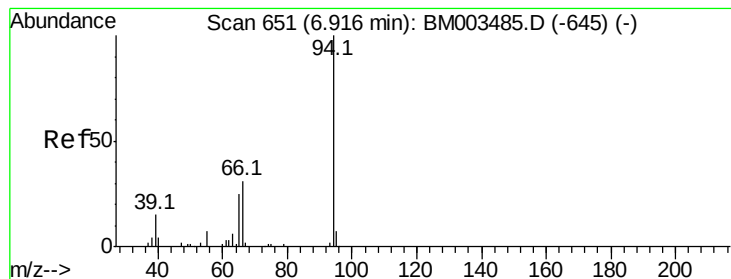
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 8.44 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003492.D

Acq: 11 Dec 2015 21:18

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD

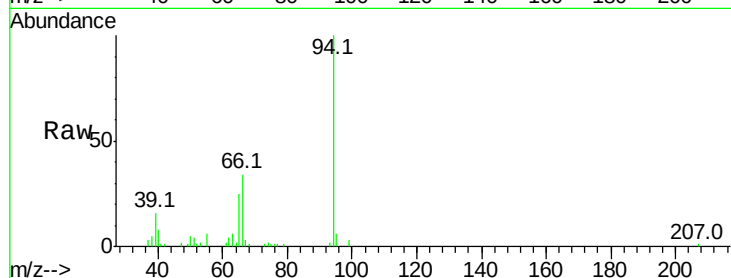
Tot Ion: 94 Resp: 60442

Ion Ratio Lower Upper

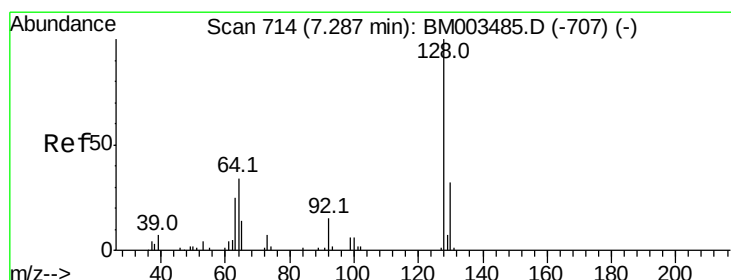
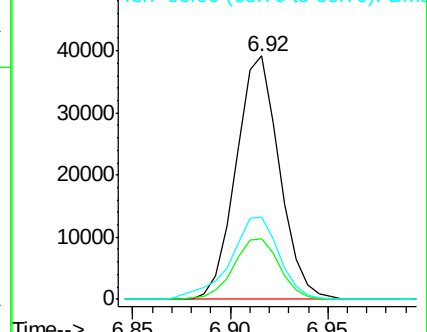
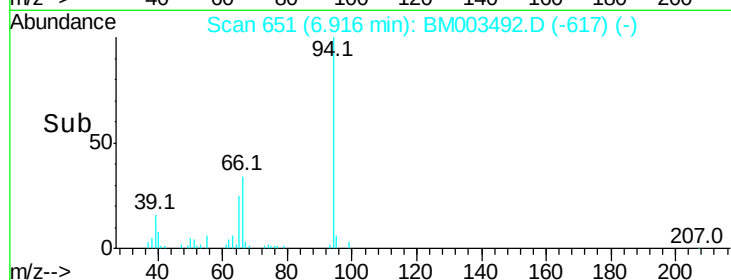
94 100

65 25.1 20.6 30.8

66 33.7 27.4 41.0



Abundance Ion 94.00 (93.70 to 94.70): BM003492.D (-617) (-)



#10

2-Chlorophenol

Concen: 26.24 ng/ul

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM003492.D

Acq: 11 Dec 2015 21:18

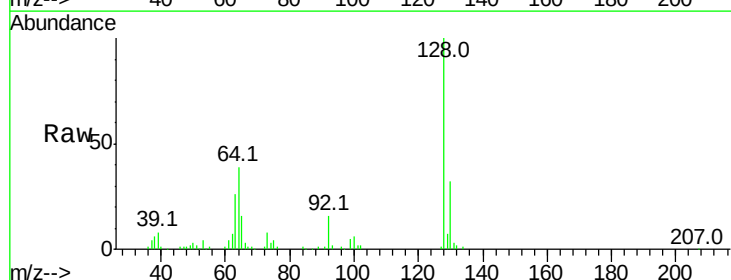
Tgt Ion:128 Resp: 155799

Ion Ratio Lower Upper

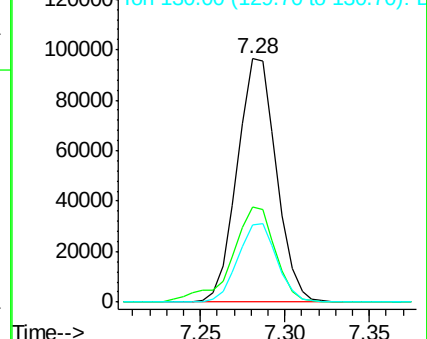
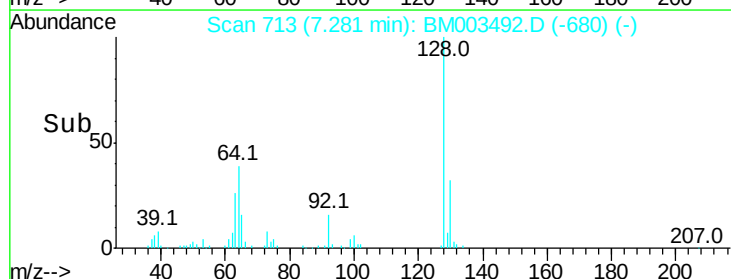
128 100

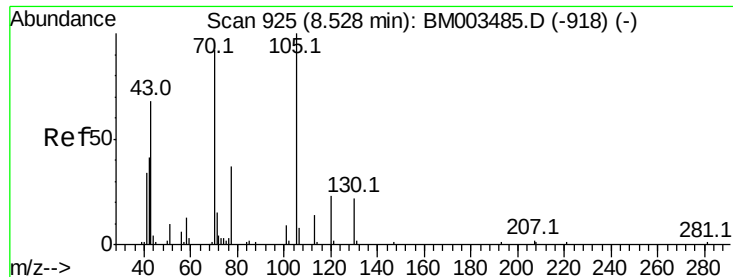
64 39.3 31.8 47.6

130 31.8 24.9 37.3



Abundance Ion 128.00 (127.70 to 128.70): BM003492.D (-680) (-)

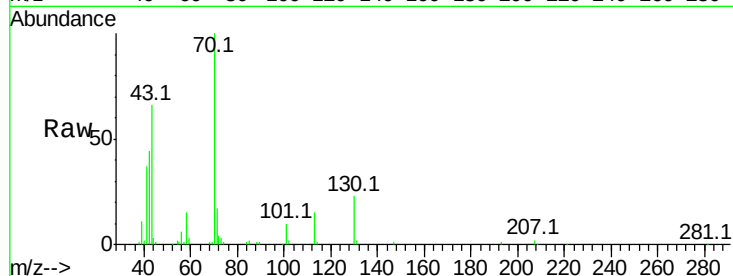




#15
N-Nitroso-di-n-propylamine
Concen: 33.68 ng/ul
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM003492.D
Acq: 11 Dec 2015 21:18

Instrument :
BNA_M
ClientSampleId :
A4KW2MSD

Tot Ion:	70	Resp:	138546
Ion	Ratio	Lower	Upper
70	100		
42	43.8	35.0	52.6
101	10.3	8.6	13.0
130	22.9	18.6	27.8

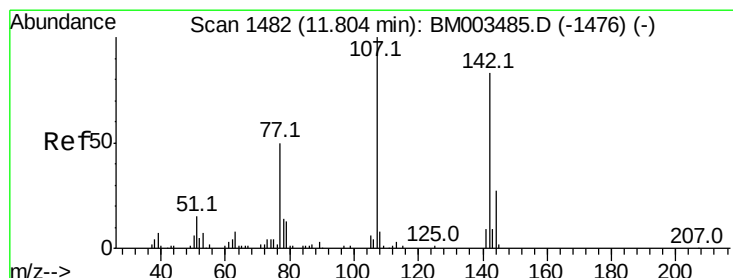
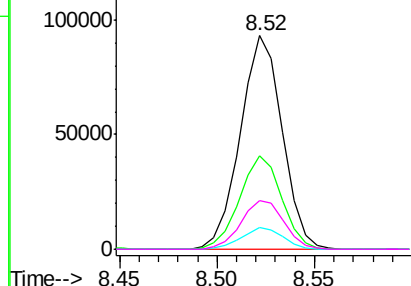
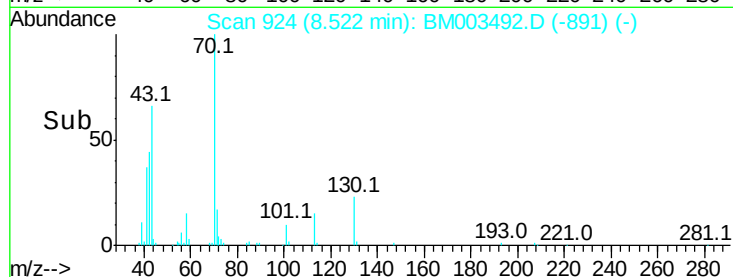


Abundance Ion 70.00 (69.70 to 70.70): BM003492.D (-891) (-)

Ion 42.00 (41.70 to 42.70): BM003492.D (-891) (-)

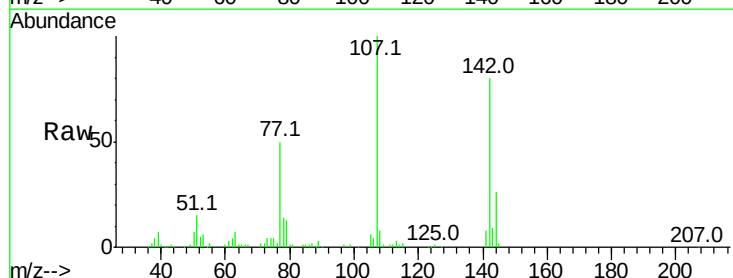
Ion 101.00 (100.70 to 101.70): BM003492.D (-891) (-)

Ion 130.00 (129.70 to 130.70): BM003492.D (-891) (-)



#33
4-Chloro-3-methylphenol
Concen: 28.47 ng/ul
RT: 11.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM003492.D
Acq: 11 Dec 2015 21:18

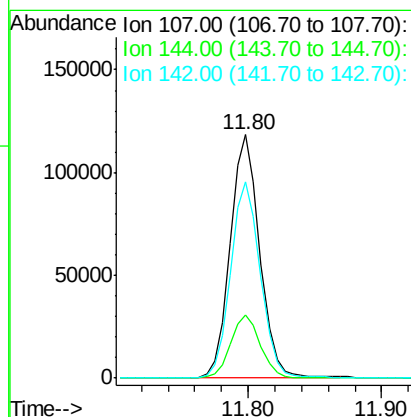
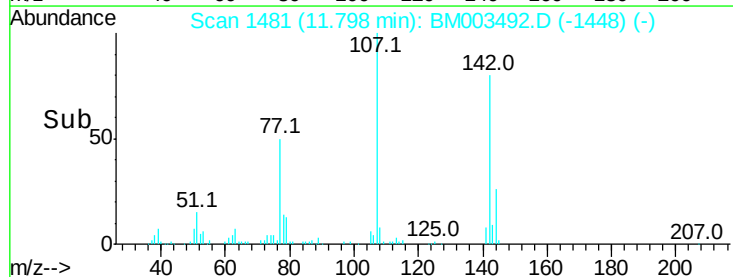
Tgt Ion:	107	Resp:	182973
Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.4	32.0
142	80.4	65.6	98.4

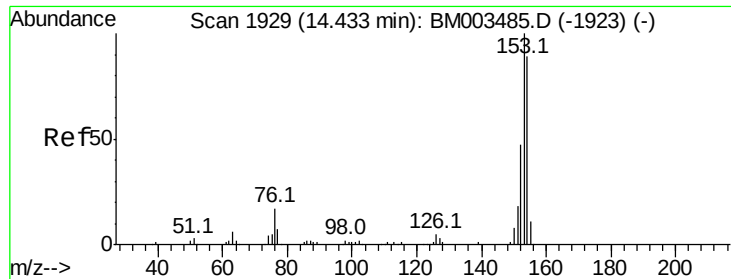


Abundance Ion 107.00 (106.70 to 107.70): BM003492.D (-1448) (-)

Ion 144.00 (143.70 to 144.70): BM003492.D (-1448) (-)

Ion 142.00 (141.70 to 142.70): BM003492.D (-1448) (-)





#50

Acenaphthene

Concen: 30.43 ng/ul

RT: 14.44 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BM003492.D

Acq: 11 Dec 2015 21:18

Instrument :

BNA_M

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A4KW2MSD

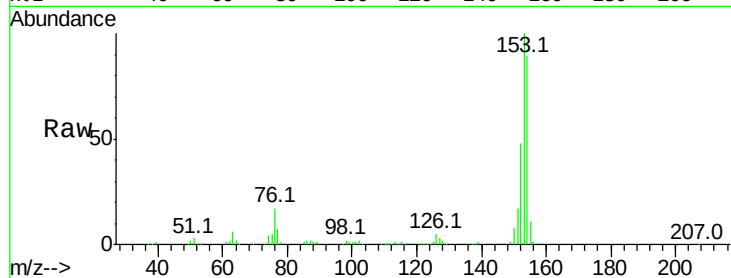
Tot Ion:153 Resp: 494757

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.6

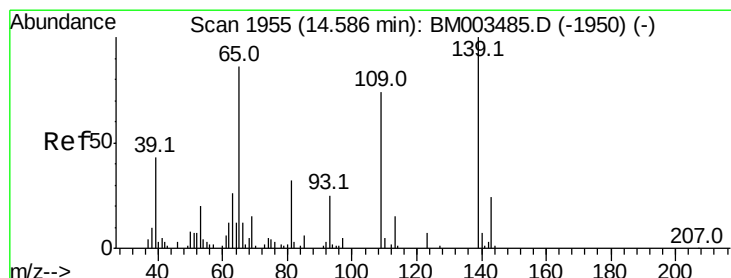
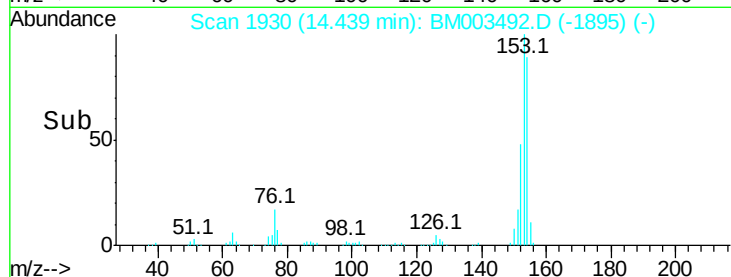
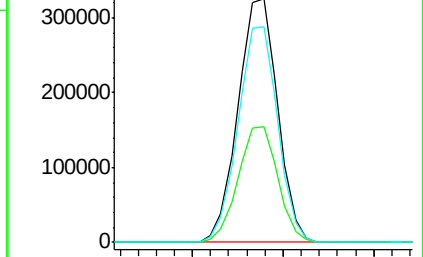
154 88.6 70.8 106.2



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



#53

4-Nitrophenol

Concen: 5.75 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM003492.D

Acq: 11 Dec 2015 21:18

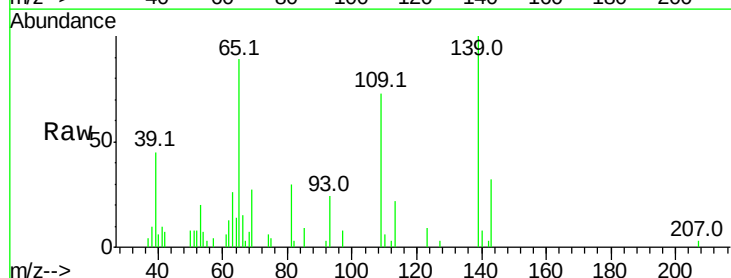
Tgt Ion:109 Resp: 14636

Ion Ratio Lower Upper

109 100

139 137.5 112.5 168.7

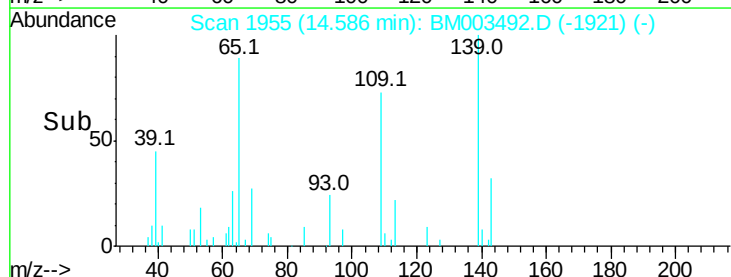
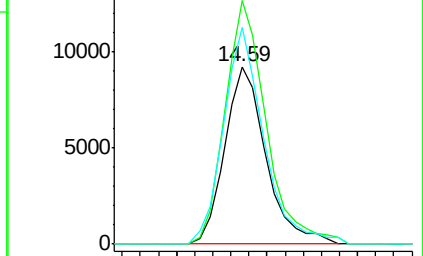
65 122.5 93.2 139.8

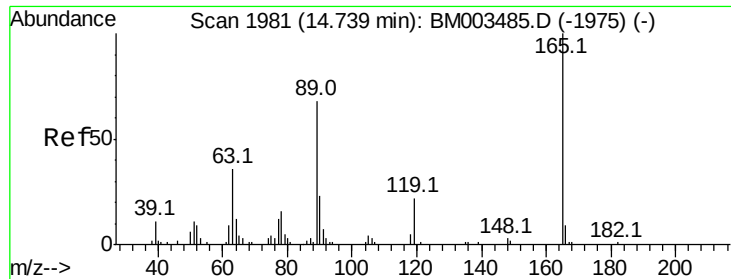


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

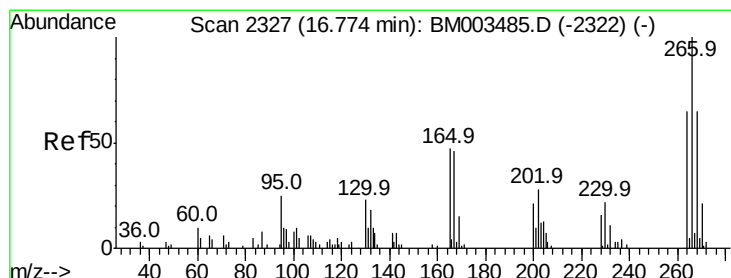
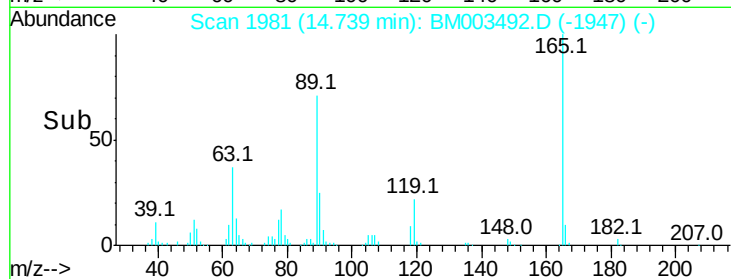
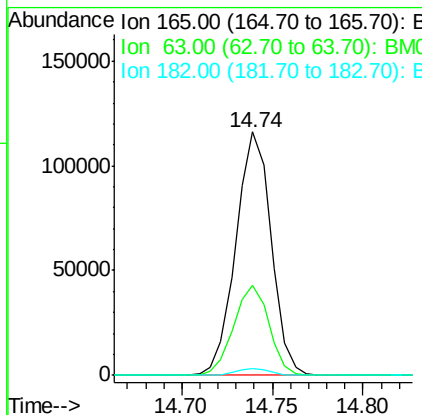
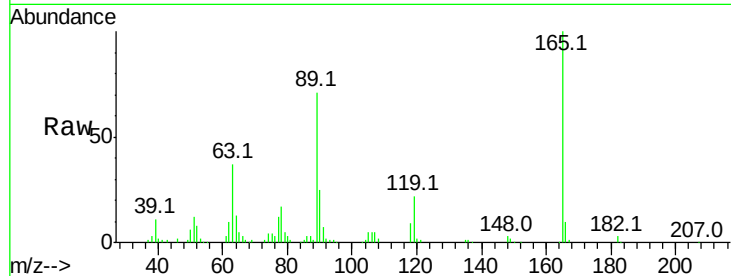




#55
 2,4-Dinitrotoluene
 Concen: 31.66 ng/ul
 RT: 14.74 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: BM003492.D
 Acq: 11 Dec 2015 21:18

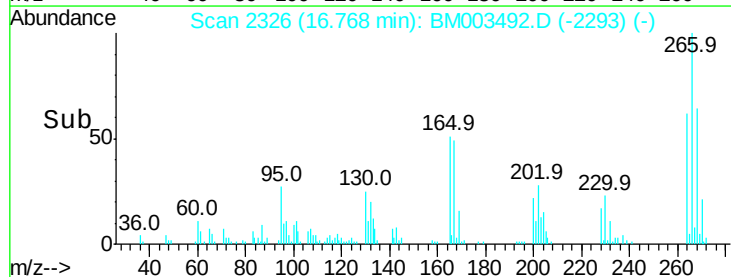
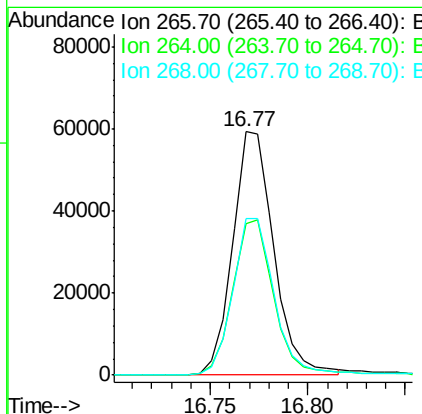
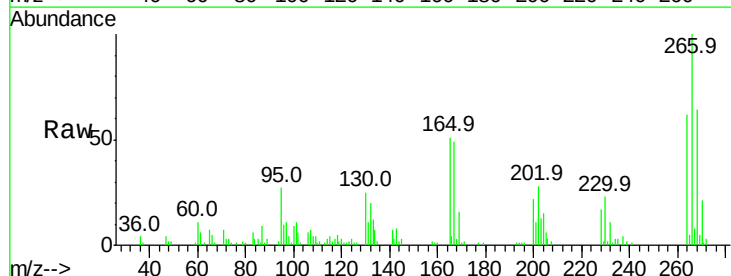
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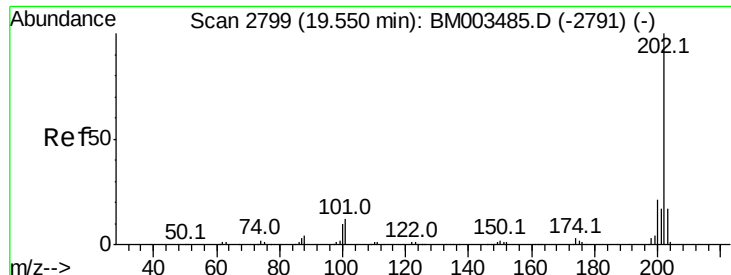
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.2	28.2	42.2
182	2.6	2.0	3.0



#69
 Pentachlorophenol
 Concen: 28.28 ng/ul
 RT: 16.77 min Scan# 2326
 Delta R.T. -0.01 min
 Lab File: BM003492.D
 Acq: 11 Dec 2015 21:18

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.0	50.3	75.5
268	64.1	51.8	77.8





#80

Pvrene

Concen: 33.56 ng/ul

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003492.D

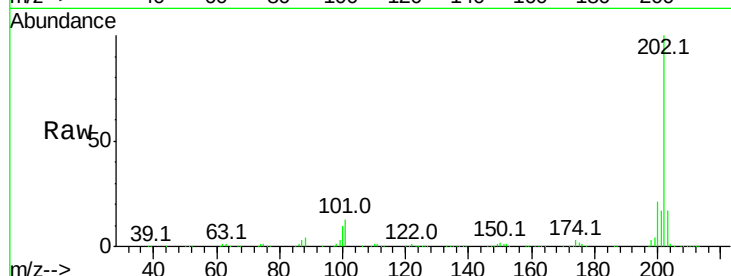
Acq: 11 Dec 2015 21:18

Instrument :

BNA_M

ClientSampleId :

A4KW2MSD



Tot Ion:202 Resp: 899901

Ion Ratio Lower Upper

202 100

101 12.5 10.6 16.0

100 10.3 8.5 12.7

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

