

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
 Data File : BM005432.D
 Acq On : 13 May 2016 14:49
 Operator : UM/SJ
 Sample : H2874-11MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4113MSD

Manual Integrations
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Quant Time: May 14 00:41:22 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 14 00:15:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	69588	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	328113	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	211575	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	519223	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	622010	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	524407	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	1695	1.15	ng/uL	0.00
5) Phenol-d5	6.93	99	37064	5.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	108437	30.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	115294	24.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	74536	14.29	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	76510	32.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	88088	33.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	138186	28.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	15486	2.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	536259	31.62	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	631523	31.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	15860m	5.12	ng/ul	0.00
57) Fluorene-d10	15.39	176	460842	31.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	87980	30.12	ng/ul	0.00
70) Anthracene-d10	17.24	188	738585	32.18	ng/ul	0.00
76) Pyrene-d10	19.54	212	864218	30.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	749724	32.30	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.96	94	40790	6.25	ng/ul	99
10) 2-Chlorophenol	7.32	128	115947	23.78	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.55	70	133569	33.08	ng/ul	99
33) 4-Chloro-3-methylphenol	11.83	107	156784	25.90	ng/ul	98
49) Acenaphthene	14.46	153	432193	31.16	ng/ul	99
52) 4-Nitrophenol	14.64	109	14581m	5.67	ng/ul	
54) 2,4-Dinitrotoluene	14.77	165	165830	33.28	ng/ul	100
68) Pentachlorophenol	16.80	266	89094	28.72	ng/ul	98
77) Pyrene	19.57	202	1077410	29.86	ng/ul	98

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

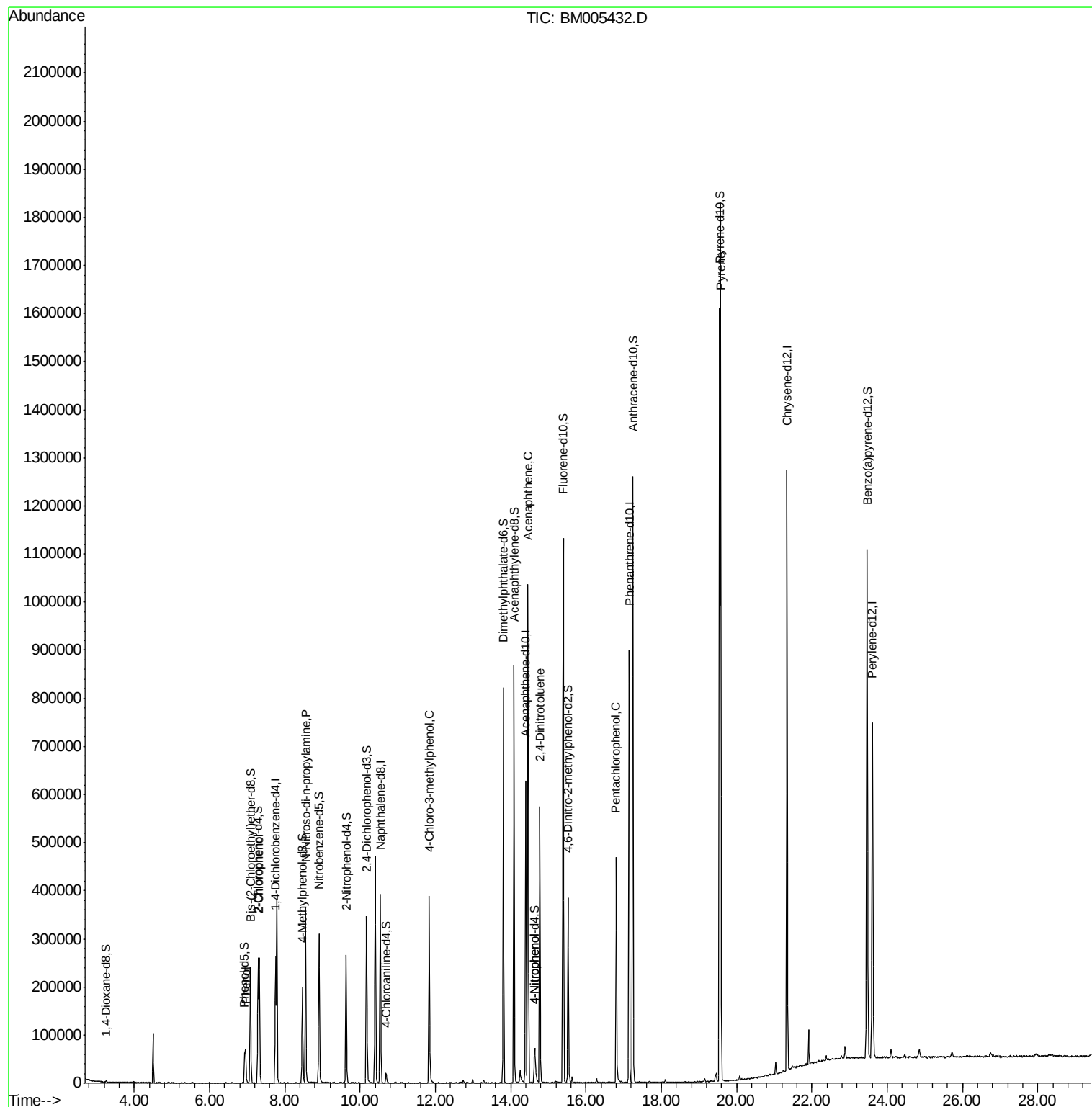
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
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ALS Vial : 59 Sample Multiplier: 1

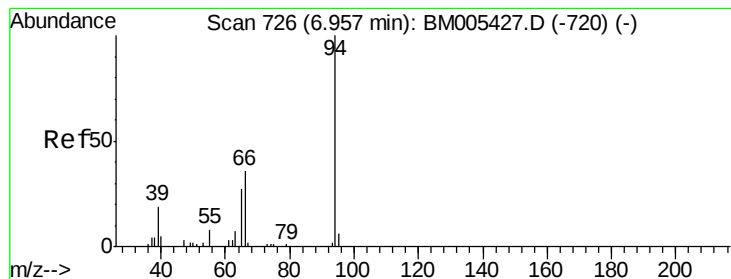
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Quant Time: May 14 00:41:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration





#6

Phenol

Concen: 6.25 ng/ul

RT: 6.96 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

Instrument :

BNA_M

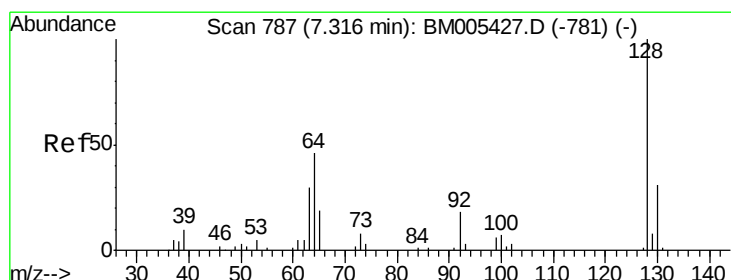
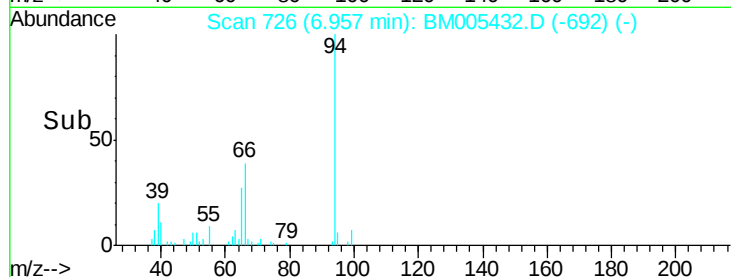
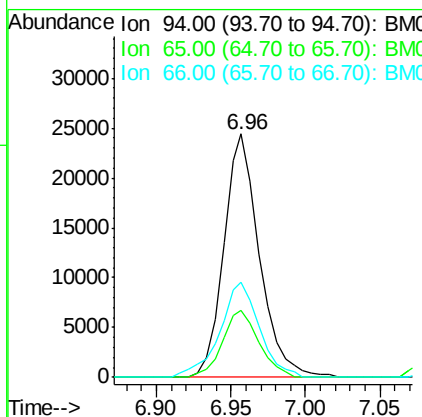
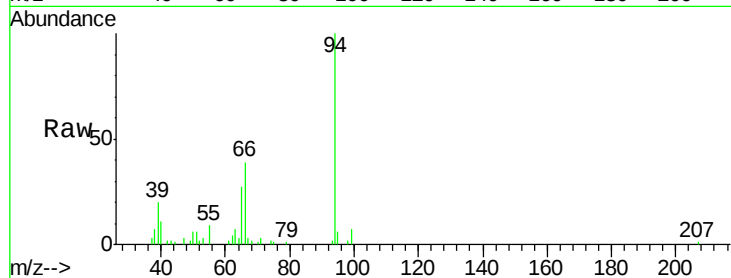
ClientSampleId :

H4113MSD

Tgt Ion:	94	Resp:	40790
Ion	Ratio	Lower	Upper
94	100		
65	27.5	22.7	34.1
66	39.2	31.7	47.5

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#10

2-Chlorophenol

Concen: 23.78 ng/ul

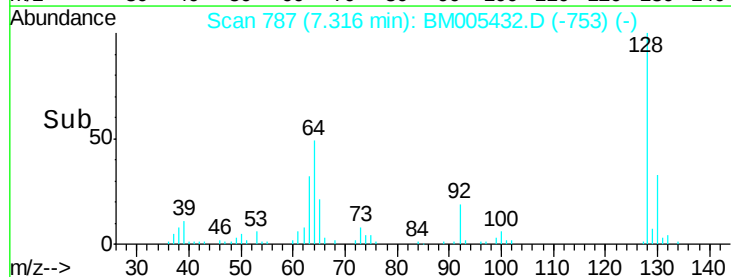
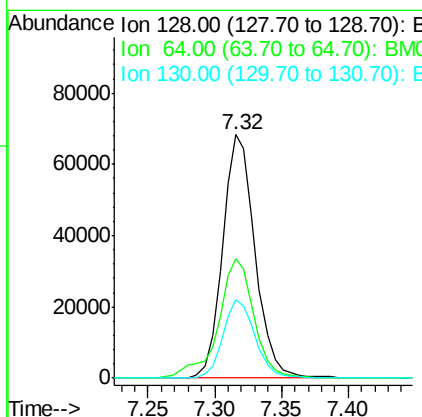
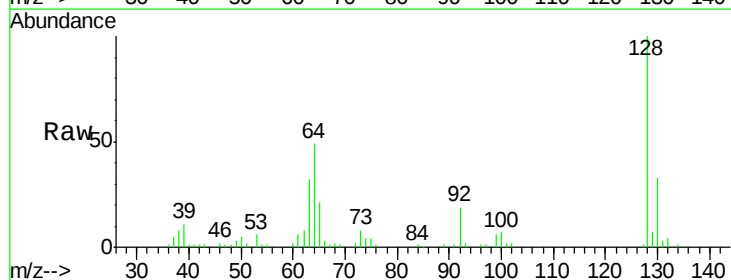
RT: 7.32 min Scan# 787

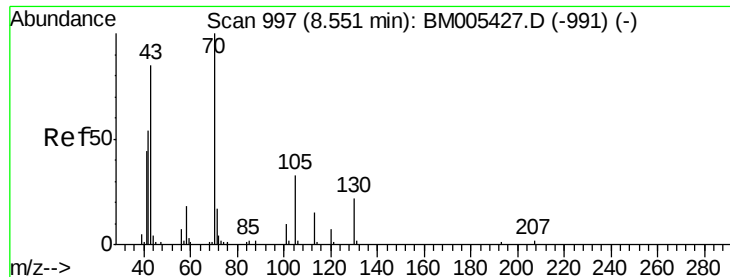
Delta R.T. -0.00 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

Tgt Ion:	128	Resp:	115947
Ion	Ratio	Lower	Upper
128	100		
64	49.1	37.8	56.8
130	32.5	24.9	37.3





#15

N-Nitroso-di-n-propylamine

Concen: 33.08 ng/ul

RT: 8.55 min Scan# 997

Delta R.T. -0.00 min

Lab File: BM005432.D

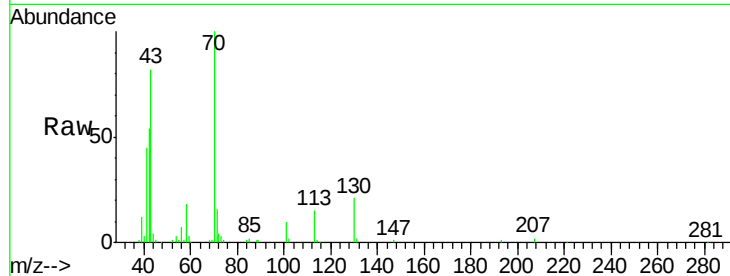
Acq: 13 May 2016 14:49

Instrument :

BNA_M

ClientSampled :

H4113MSD



Tgt Ion: 70 Resp: 133569

Ion Ratio Lower Upper

70 100

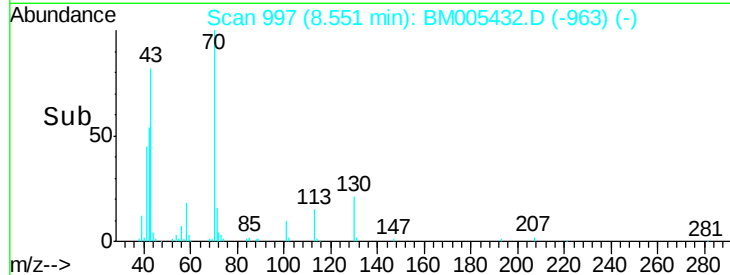
42 53.8 42.8 64.2

101 10.0 7.8 11.6

130 21.1 15.7 23.5

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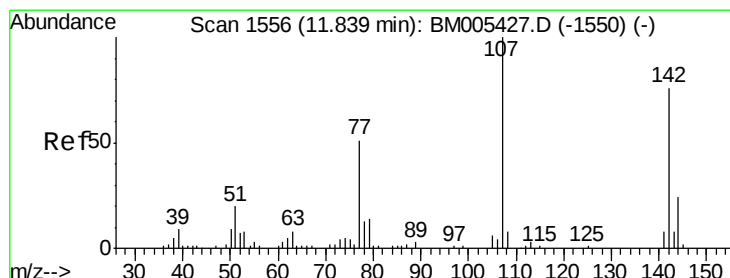
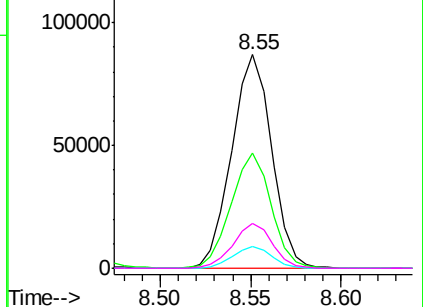


Abundance Ion 70.00 (69.70 to 70.70): BM005432.D (-963) (-)

Ion 42.00 (41.70 to 42.70): BM005432.D (-963) (-)

Ion 101.00 (100.70 to 101.70): BM005432.D (-963) (-)

Ion 130.00 (129.70 to 130.70): BM005432.D (-963) (-)



#33

4-Chloro-3-methylphenol

Concen: 25.90 ng/ul

RT: 11.83 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

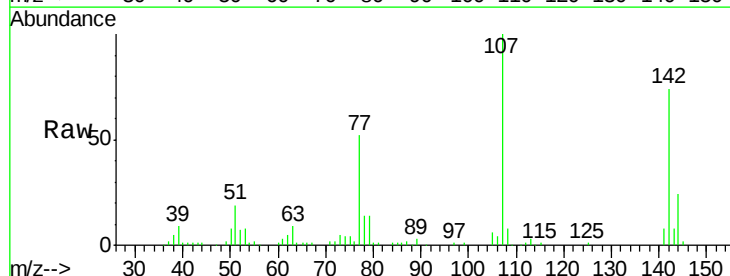
Tgt Ion: 107 Resp: 156784

Ion Ratio Lower Upper

107 100

144 24.1 19.3 28.9

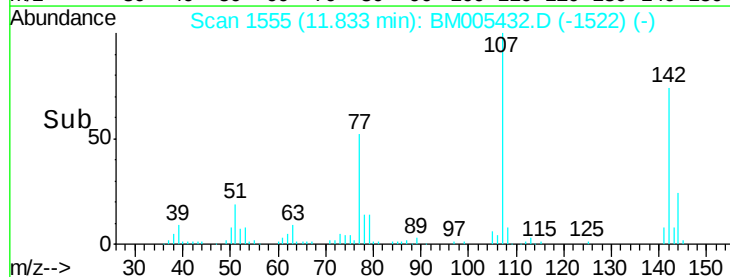
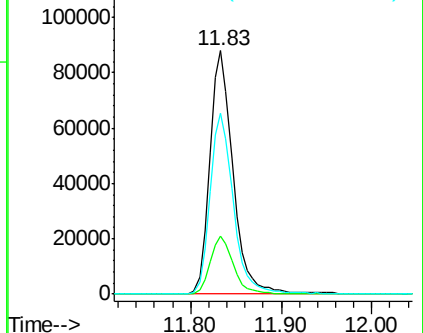
142 74.1 60.8 91.2

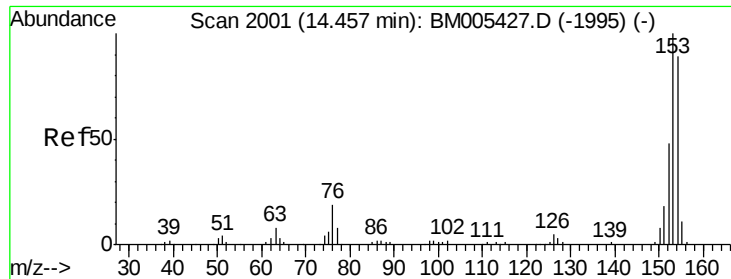


Abundance Ion 107.00 (106.70 to 107.70): BM005432.D (-1522) (-)

Ion 144.00 (143.70 to 144.70): BM005432.D (-1522) (-)

Ion 142.00 (141.70 to 142.70): BM005432.D (-1522) (-)





#49

Acenaphthene

Concen: 31.16 ng/ul

RT: 14.46 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BM005432.D

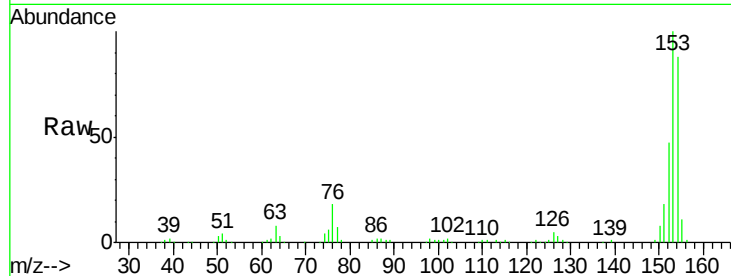
Acq: 13 May 2016 14:49

Instrument :

BNA_M

ClientSampleId :

H4113MSD



Tgt Ion:153 Resp: 432193

Ion Ratio Lower Upper

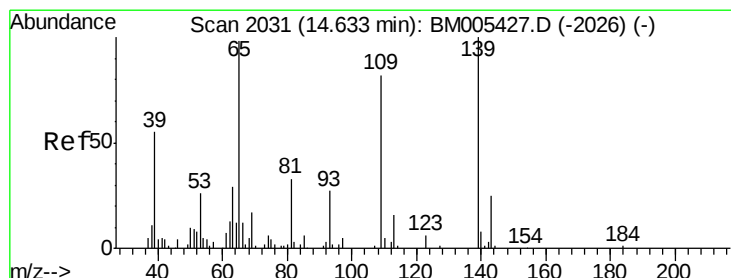
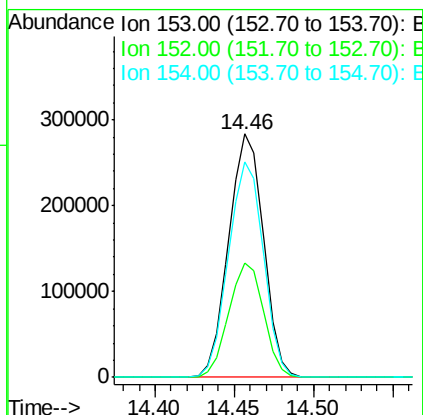
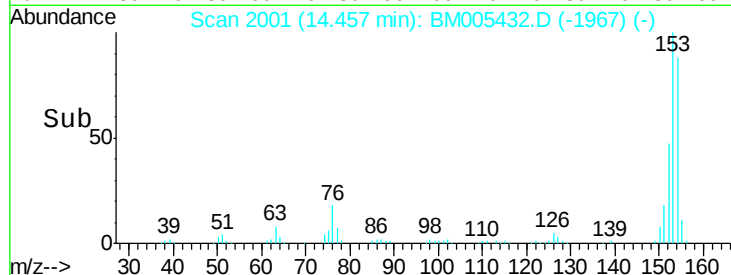
153 100

152 47.2 38.9 58.3

154 88.3 70.3 105.5

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#52

4-Nitrophenol

Concen: 5.67 ng/ul m

RT: 14.64 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BM005432.D

Acq: 13 May 2016 14:49

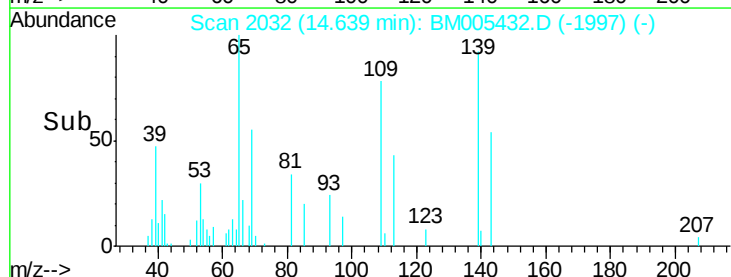
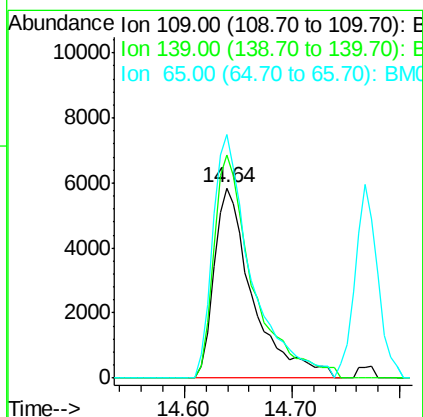
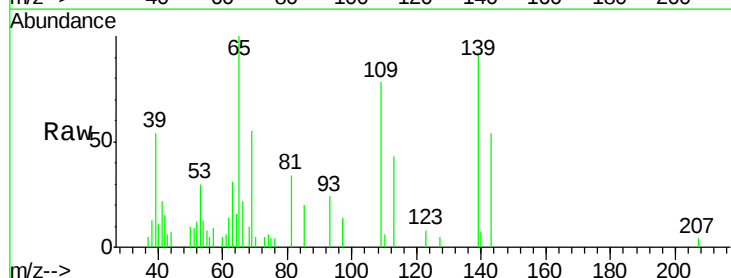
Tgt Ion:109 Resp: 14581

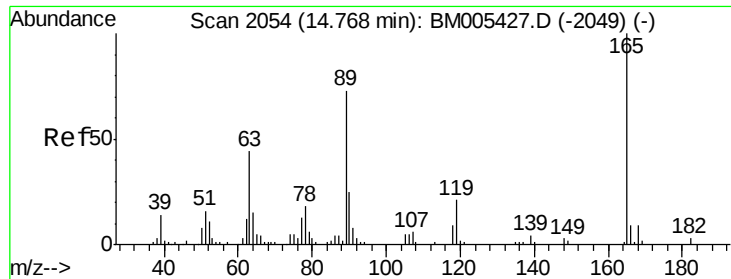
Ion Ratio Lower Upper

109 100

139 117.5 103.6 155.4

65 127.9 104.7 157.1





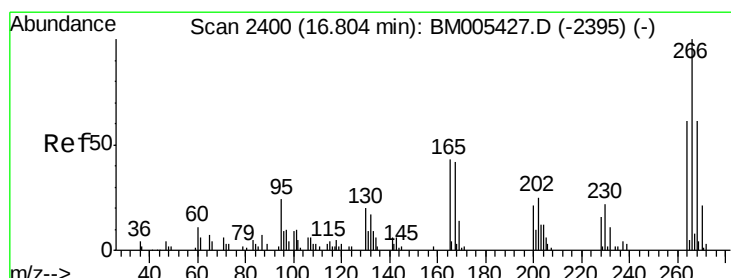
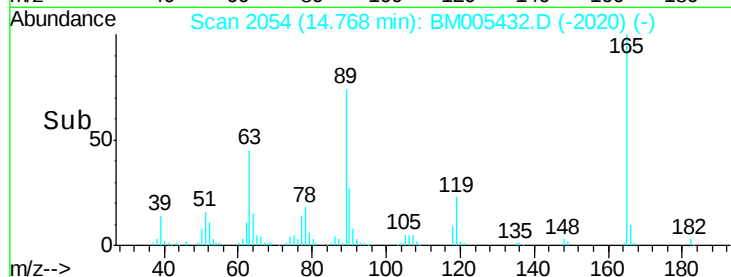
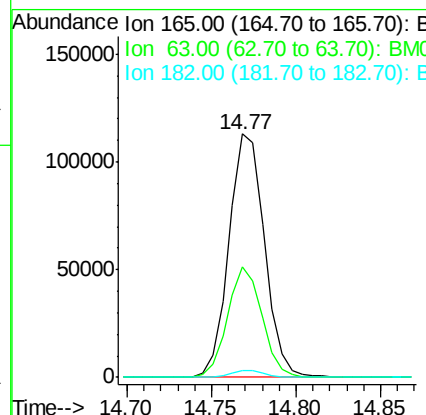
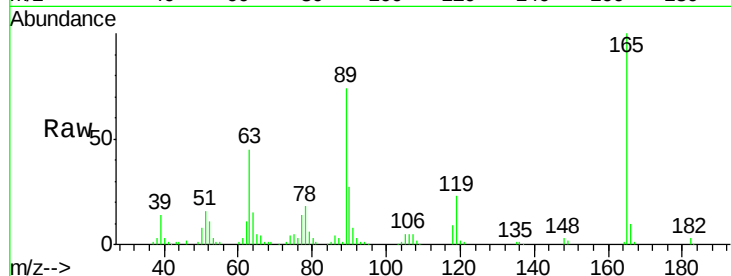
#54
 2,4-Dinitrotoluene
 Concen: 33.28 ng/ul
 RT: 14.77 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Instrument :
 BNA_M
 ClientSampleId :
 H4113MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	45.5	36.2	54.4
182	3.0	2.5	3.7

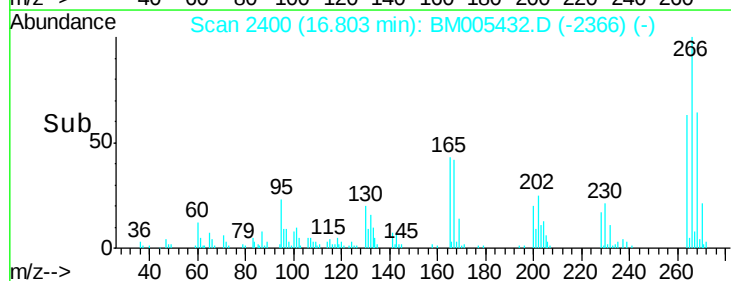
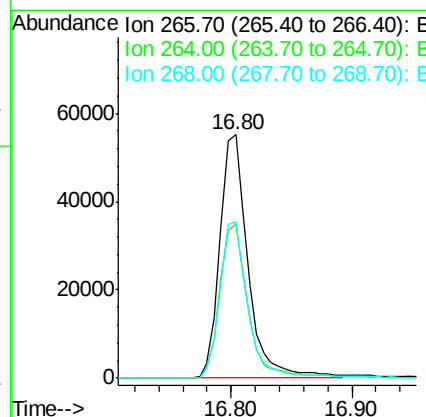
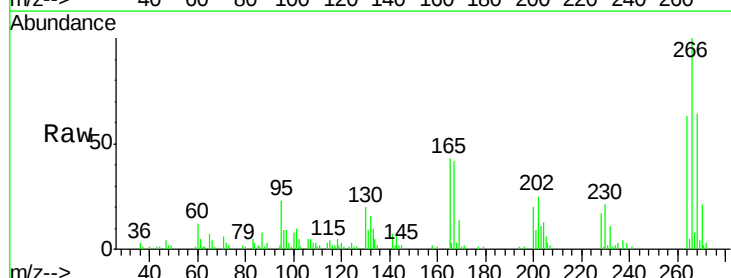
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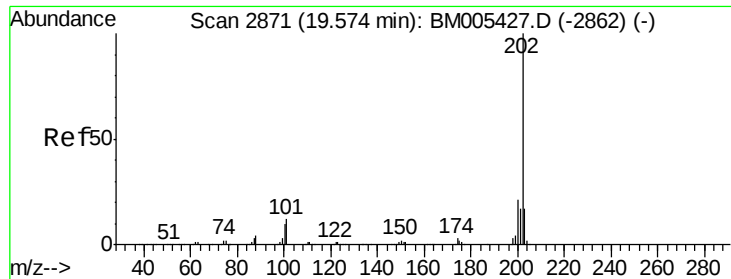
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#68
 Pentachlorophenol
 Concen: 28.72 ng/ul
 RT: 16.80 min Scan# 2400
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
264	63.1	52.0	78.0
268	64.5	53.0	79.6





#77
 Pyrene
 Concen: 29.86 ng/ul
 RT: 19.57 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BM005432.D
 Acq: 13 May 2016 14:49

Instrument :
 BNA_M
 ClientSampleId :
 H4113MSD

Tgt Ion:	202	Resp:	1077410
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.8	16.2
100	10.3	8.4	12.6

Manual Integrations
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