

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092016\
 Data File : BM007495.D
 Acq On : 20 Sep 2016 14:15
 Operator : UM/SJ
 Sample : H4830-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4VH2MSD

Quant Time: Sep 20 16:18:52 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 20 01:35:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	160742	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	769174	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	602143	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1389756	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2030180	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2126075	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	4145	1.32	ng/uL	0.00
5) Phenol-d5	6.96	99	93897	6.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	218553	27.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	245556	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	185877	14.04	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	160616	28.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	184549	27.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	324033	24.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1606	0.10	ng/ul	0.03
43) Dimethylphthalate-d6	13.83	166	1351323	26.01	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1545731	25.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	46765	4.77	ng/ul	0.00
57) Fluorene-d10	15.41	176	1169209	26.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	240376	27.51	ng/ul	0.00
70) Anthracene-d10	17.26	188	1983464	30.55	ng/ul	0.00
76) Pyrene-d10	19.56	212	2506038	29.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2940727	30.03	ng/ul	0.00

Target Compounds

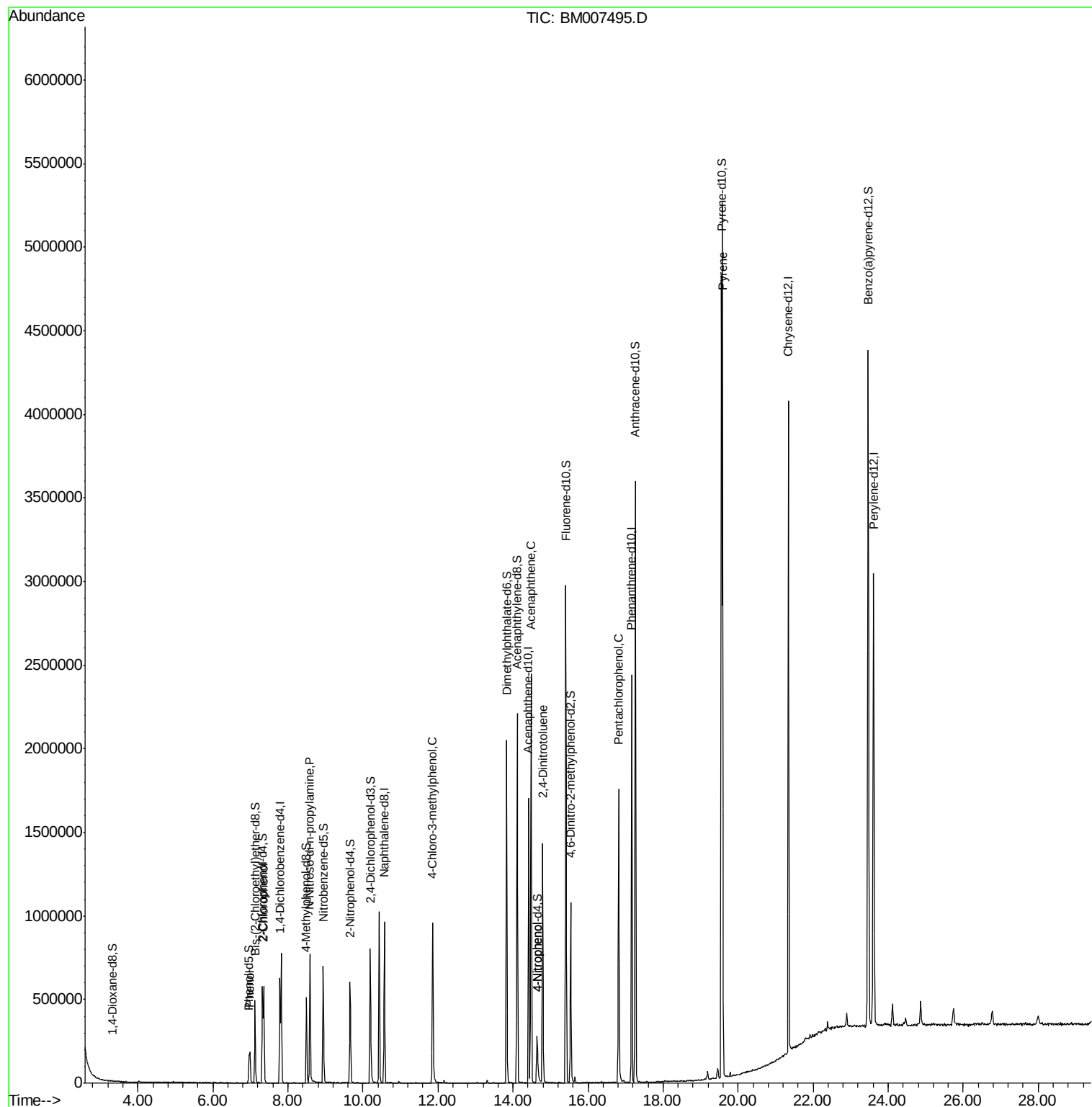
						Qvalue
6) Phenol	6.99	94	100350	6.37	ng/ul	95
10) 2-Chlorophenol	7.36	128	242610	21.11	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.59	70	298155	27.62	ng/ul	93
33) 4-Chloro-3-methylphenol	11.86	107	373773	23.16	ng/ul	94
49) Acenaphthene	14.48	153	1027878	25.50	ng/ul	99
52) 4-Nitrophenol	14.64	109	48881	4.69	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	403020	24.86	ng/ul	98
68) Pentachlorophenol	16.82	266	315396	27.81	ng/ul	98
77) Pyrene	19.59	202	3127523	28.72	ng/ul	97

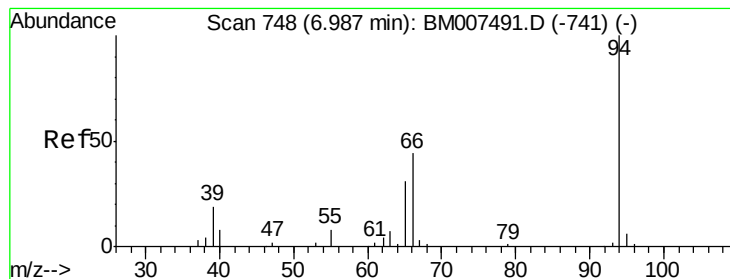
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.37 ng/ul

RT: 6.99 min Scan# 748

Delta R.T. -0.00 min

Lab File: BM007495.D

Acq: 20 Sep 2016 14:15

Instrument :

BNA_M

ClientSampleId :

A4VH2MSD

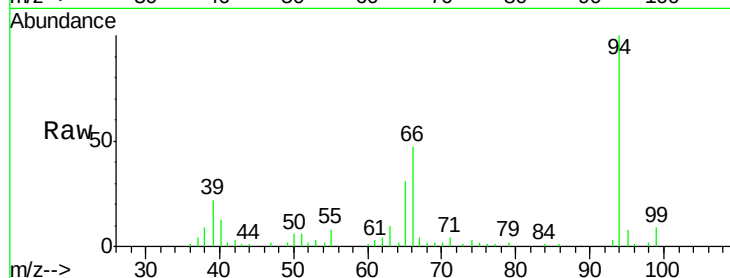
Tgt Ion: 94 Resp: 100350

Ion Ratio Lower Upper

94 100

65 30.6 23.9 35.9

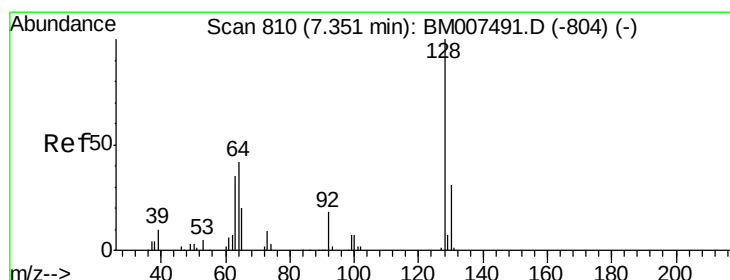
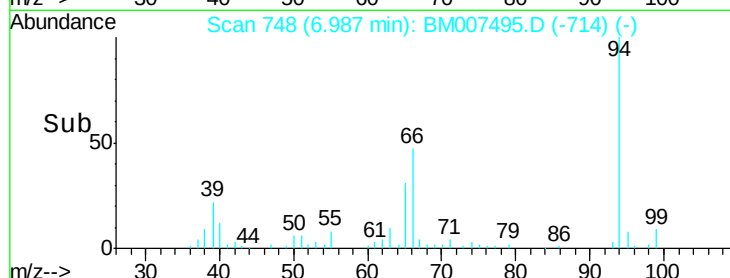
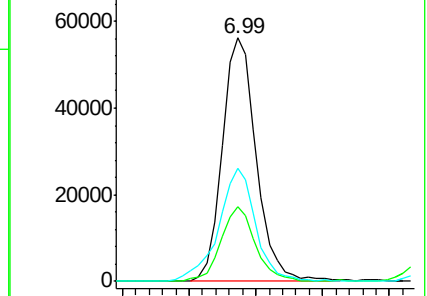
66 46.5 33.5 50.3



Abundance Ion 94.00 (93.70 to 94.70): BM007491.D (-741) (-)

Ion 65.00 (64.70 to 65.70): BM007491.D (-741) (-)

Ion 66.00 (65.70 to 66.70): BM007491.D (-741) (-)



#10

2-Chlorophenol

Concen: 21.11 ng/ul

RT: 7.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BM007495.D

Acq: 20 Sep 2016 14:15

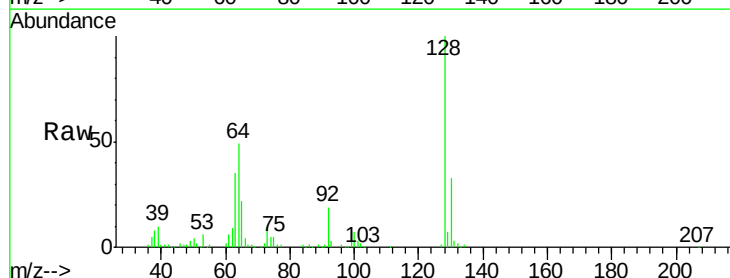
Tgt Ion: 128 Resp: 242610

Ion Ratio Lower Upper

128 100

64 48.6 37.5 56.3

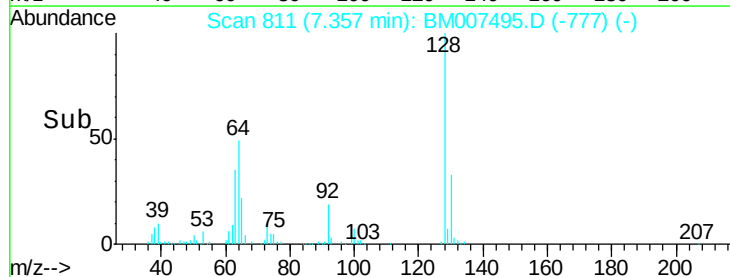
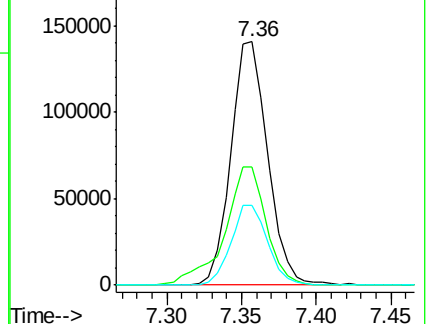
130 32.6 25.0 37.4

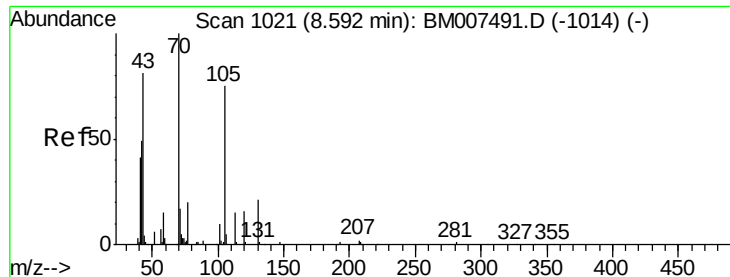


Abundance Ion 128.00 (127.70 to 128.70): BM007491.D (-804) (-)

Ion 64.00 (63.70 to 64.70): BM007491.D (-804) (-)

Ion 130.00 (129.70 to 130.70): BM007491.D (-804) (-)

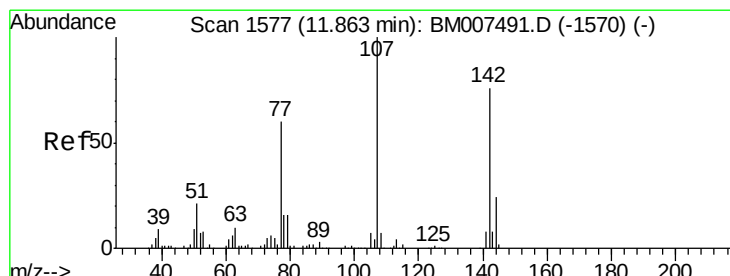
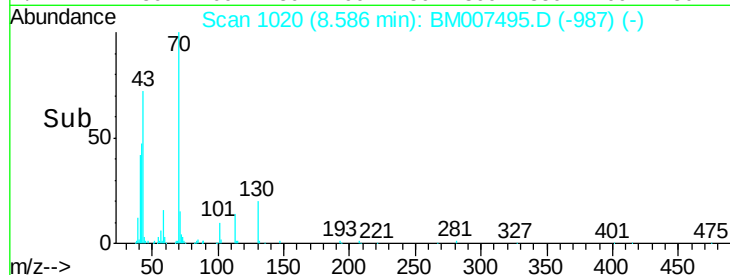
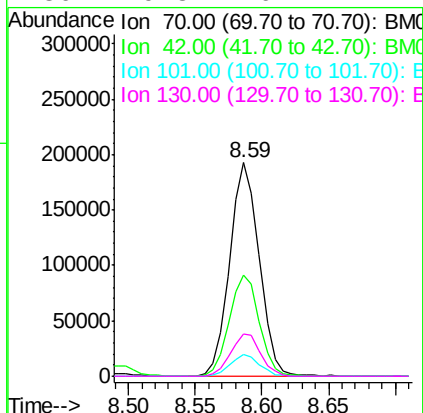
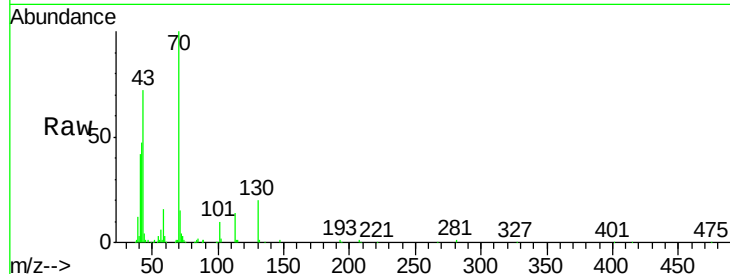




#15
N-Nitroso-di-n-propylamine
Concen: 27.62 ng/ul
RT: 8.59 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM007495.D
Acq: 20 Sep 2016 14:15

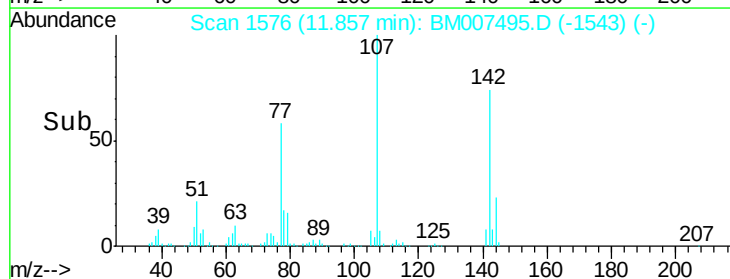
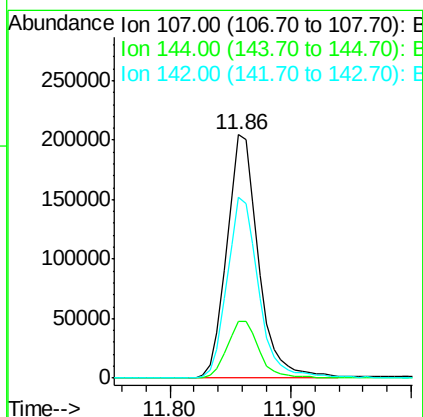
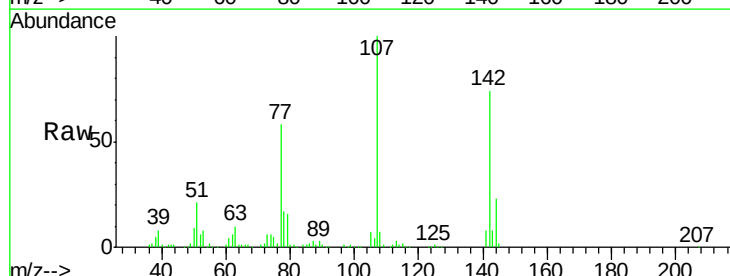
Instrument :
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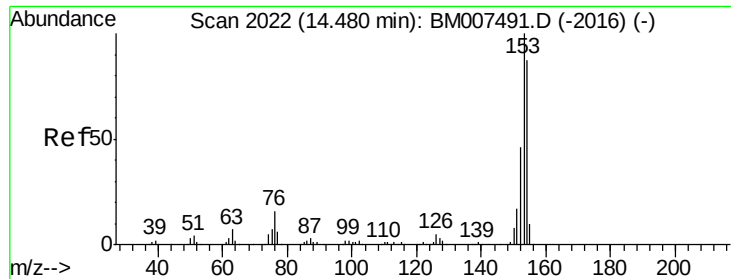
Tgt Ion:	70	Resp:	298155
Ion	Ratio	Lower	Upper
70	100		
42	47.4	43.4	65.2
101	10.2	7.8	11.6
130	19.8	16.2	24.4



#33
4-Chloro-3-methylphenol
Concen: 23.16 ng/ul
RT: 11.86 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM007495.D
Acq: 20 Sep 2016 14:15

Tgt Ion:	107	Resp:	373773
Ion	Ratio	Lower	Upper
107	100		
144	23.4	21.1	31.7
142	74.3	64.1	96.1





#49

Acenaphthene

Concen: 25.50 ng/ul

RT: 14.48 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM007495.D

Acq: 20 Sep 2016 14:15

Instrument :

BNA_M

ClientSampleId :

A4VH2MSD

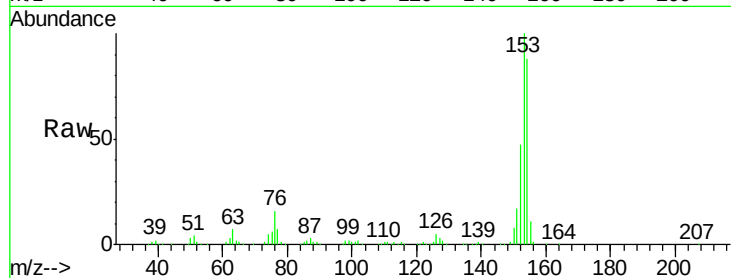
Tgt Ion:153 Resp: 1027878

Ion Ratio Lower Upper

153 100

152 47.2 37.8 56.6

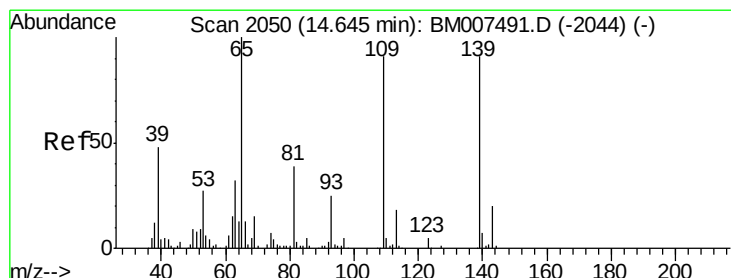
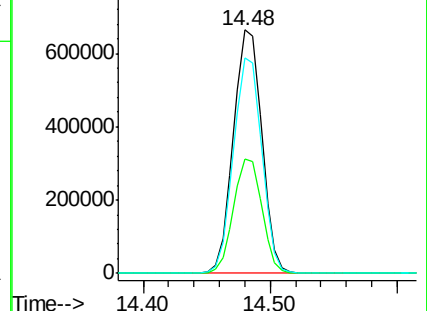
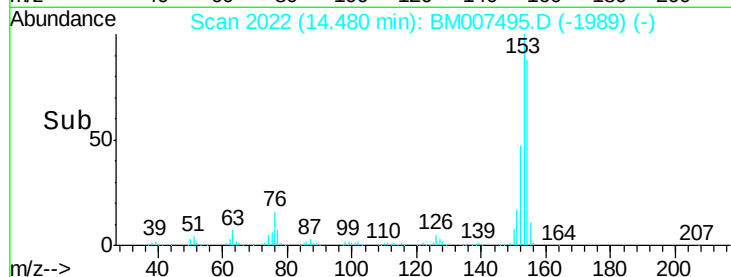
154 88.2 71.4 107.0



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



#52

4-Nitrophenol

Concen: 4.69 ng/ul

RT: 14.64 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BM007495.D

Acq: 20 Sep 2016 14:15

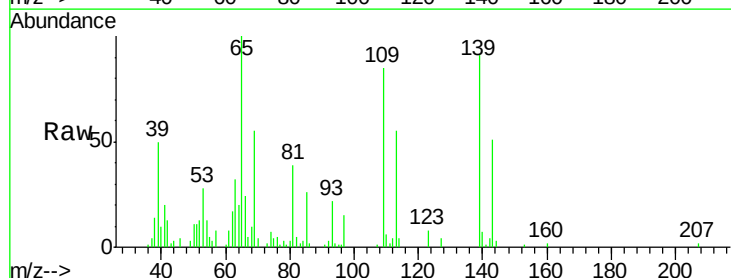
Tgt Ion:109 Resp: 48881

Ion Ratio Lower Upper

109 100

139 107.7 88.7 133.1

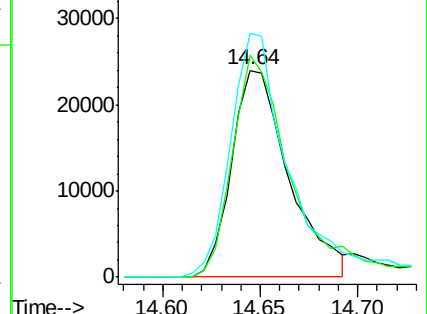
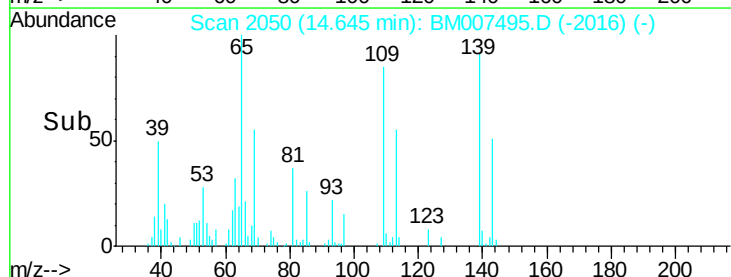
65 117.9 96.4 144.6

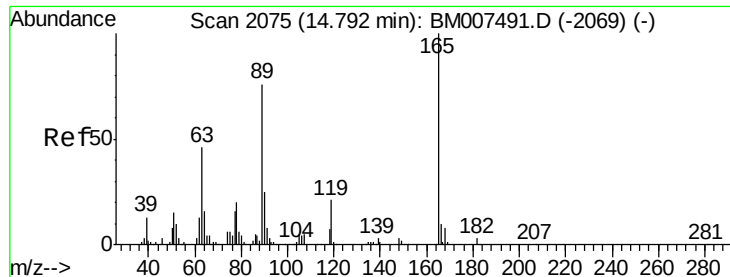


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

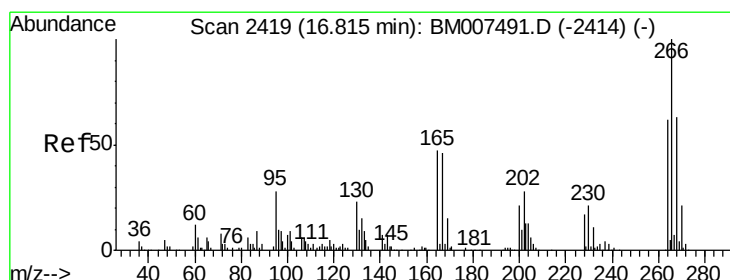
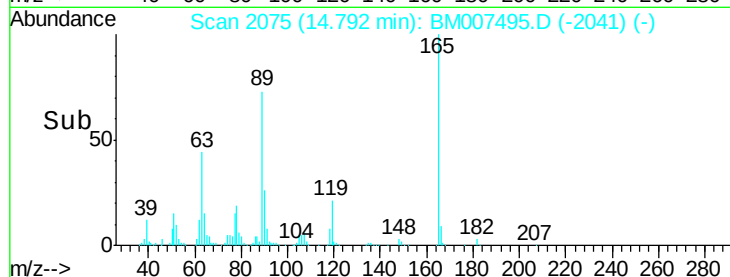
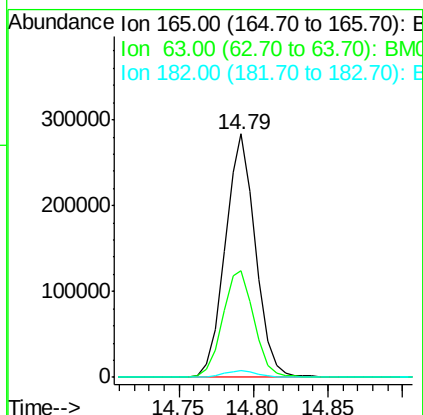
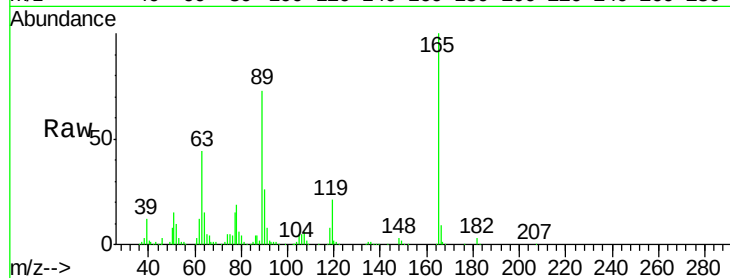




#54
 2,4-Dinitrotoluene
 Concen: 24.86 ng/ul
 RT: 14.79 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BM007495.D
 Acq: 20 Sep 2016 14:15

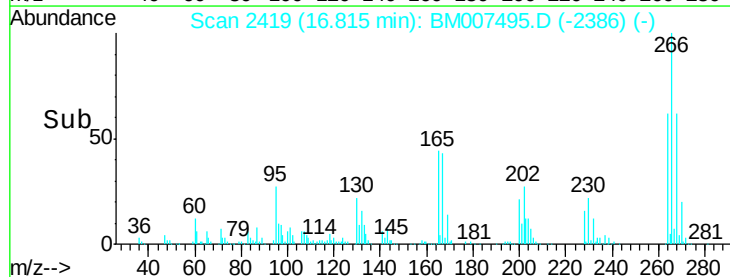
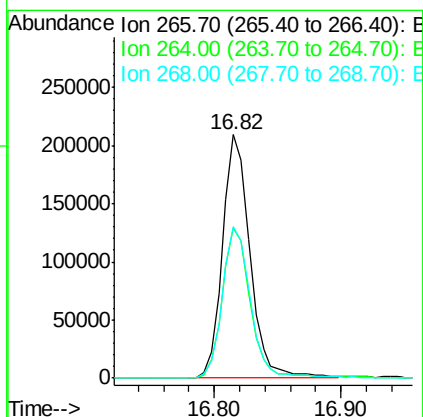
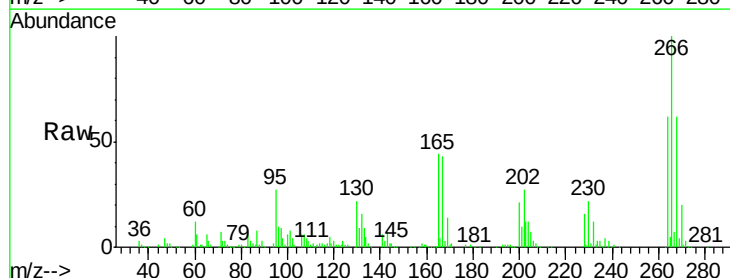
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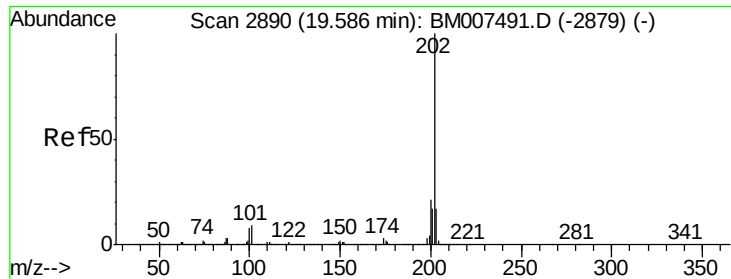
Tgt Ion:165 Resp: 403020
 Ion Ratio Lower Upper
 165 100
 63 44.0 36.2 54.2
 182 3.1 2.2 3.4



#68
 Pentachlorophenol
 Concen: 27.81 ng/ul
 RT: 16.82 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM007495.D
 Acq: 20 Sep 2016 14:15

Tgt Ion:266 Resp: 315396
 Ion Ratio Lower Upper
 266 100
 264 61.9 50.6 75.8
 268 62.0 51.0 76.6





#77
 Pyrene
 Concen: 28.72 ng/ul
 RT: 19.59 min Scan# 2890
 Delta R.T. -0.00 min
 Lab File: BM007495.D
 Acq: 20 Sep 2016 14:15

Instrument :
 BNA_M
 ClientSampleId :
 A4VH2MSD

Tgt Ion: 202 Resp: 3127523
 Ion Ratio Lower Upper
 202 100
 101 9.2 8.4 12.6
 100 7.4 6.9 10.3

