

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
 Data File : BM007533.D
 Acq On : 23 Sep 2016 21:01
 Operator : UM/SJ
 Sample : H4855-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9005MS

Manual Integrations
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Quant Time: Sep 24 02:39:20 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 02:24:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	267589	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	1287446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	895233	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2370301	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	3402275	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	3536877	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6230m	1.14	ng/uL	0.00
5) Phenol-d5	6.96	99	122128	5.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	301839	23.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	333496	19.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	242379	11.96	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	227997	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	265091	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	445615	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	72314	3.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1871503	28.74	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	2113974	27.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	68107	5.93	ng/ul	0.00
57) Fluorene-d10	15.41	176	1597073	27.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	357605	24.72	ng/ul	0.00
70) Anthracene-d10	17.26	188	2695748	24.75	ng/ul	0.00
76) Pyrene-d10	19.56	212	3504998	25.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	3986074	25.47	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.98	94	125209	5.20	ng/ul	95
10) 2-Chlorophenol	7.35	128	323929	18.73	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	399946	25.51	ng/ul	93
33) 4-Chloro-3-methylphenol	11.85	107	495421	19.82	ng/ul	91
44) Dimethylphthalate	13.87	163	99226	1.57	ng/ul	98
49) Acenaphthene	14.48	153	1380436	26.76	ng/ul	100
52) 4-Nitrophenol	14.64	109	71228	5.95	ng/ul	91
54) 2,4-Dinitrotoluene	14.79	165	566872	29.34	ng/ul	98
68) Pentachlorophenol	16.81	266	464087	25.47	ng/ul	98
77) Pyrene	19.59	202	4250975	25.47	ng/ul	96

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

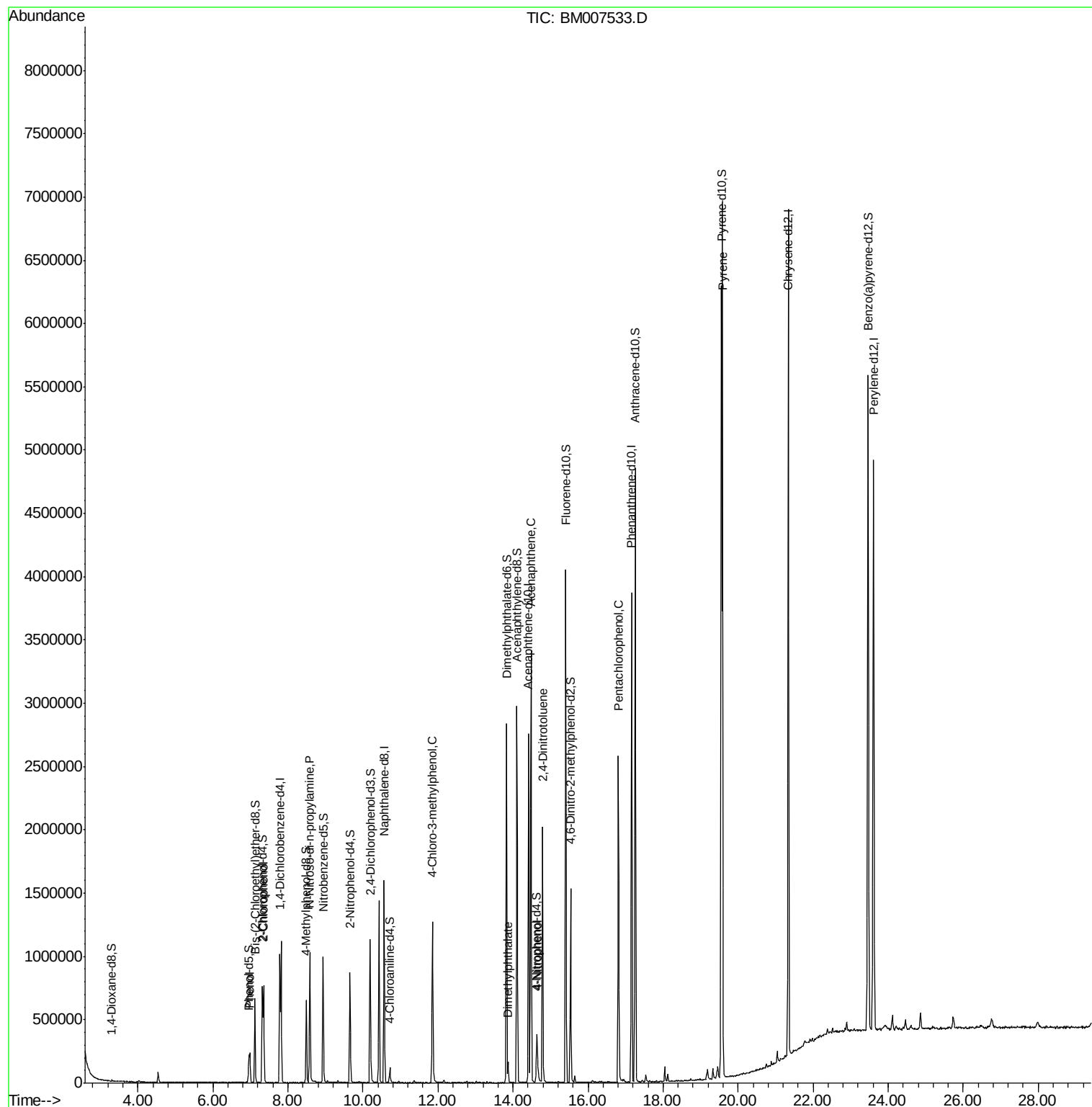
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
Data File : BM007533.D
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ALS Vial : 7 Sample Multiplier: 1

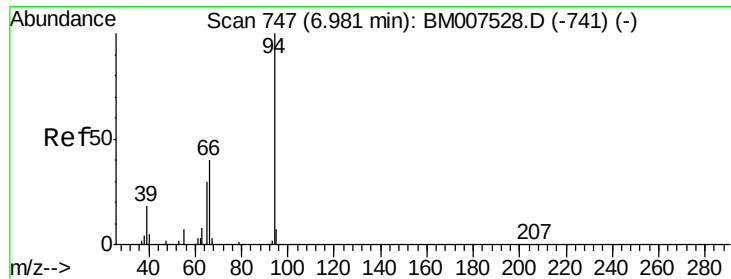
Instrument :
BNA_M
ClientSampleId :
H9005MS

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Quant Time: Sep 24 02:39:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 02:24:23 2016
Response via : Initial Calibration





#6

Phenol

Concen: 5.20 ng/ul

RT: 6.98 min Scan# 747

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Instrument :

BNA_M

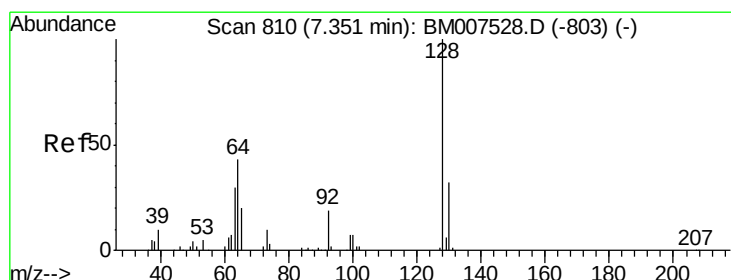
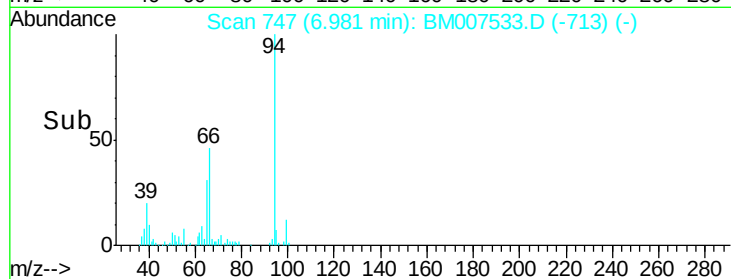
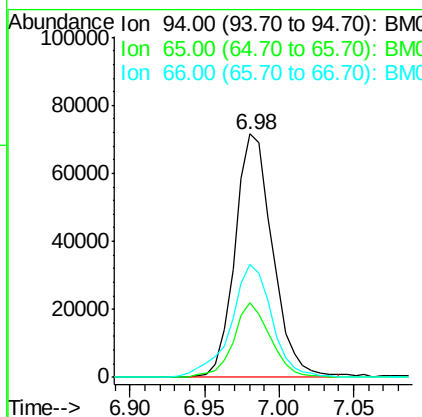
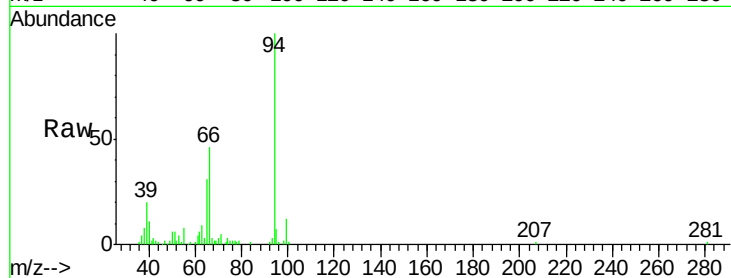
ClientSampleId :

H9005MS

Tot Ion:	94	Resp:	125209
Ion Ratio		Lower	Upper
94	100		
65	30.5	23.9	35.9
66	46.3	33.5	50.3

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#10

2-Chlorophenol

Concen: 18.73 ng/ul

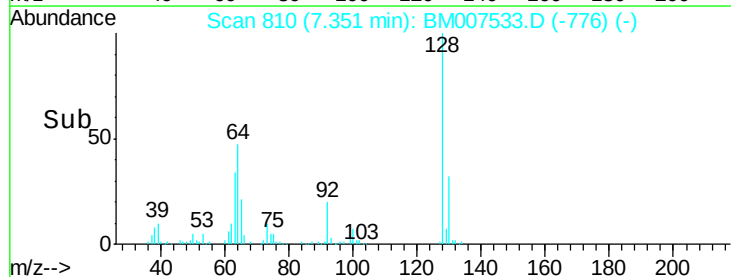
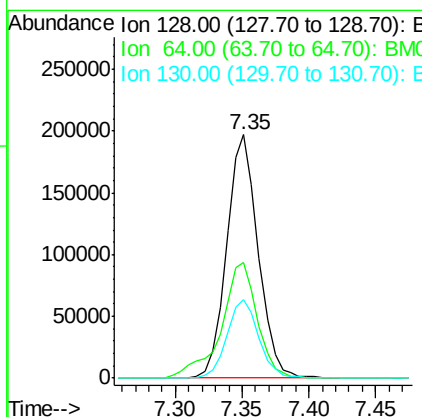
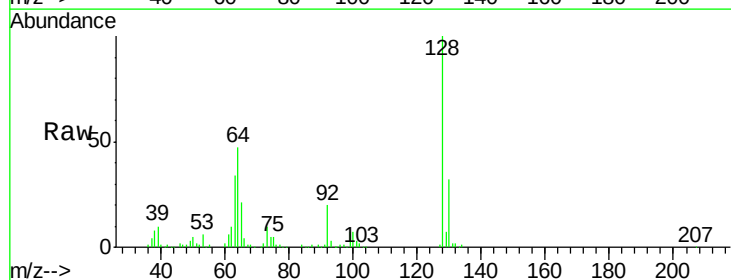
RT: 7.35 min Scan# 810

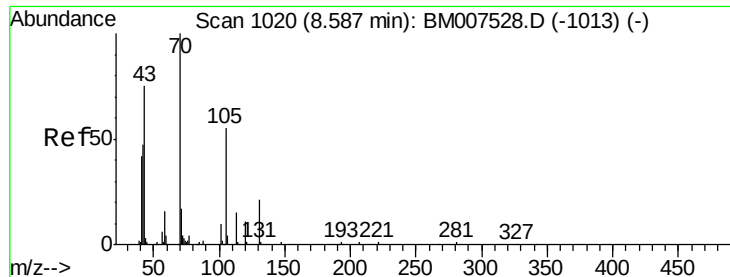
Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Tgt Ion:	128	Resp:	323929
Ion Ratio		Lower	Upper
128	100		
64	47.5	37.5	56.3
130	32.2	25.0	37.4





#15

N-Nitroso-di-n-propylamine

Concen: 25.51 ng/ul

RT: 8.59 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Instrument :

BNA_M

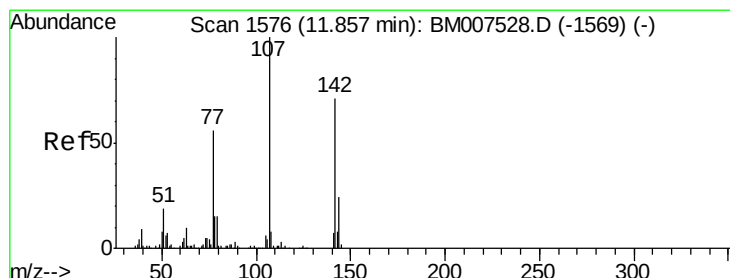
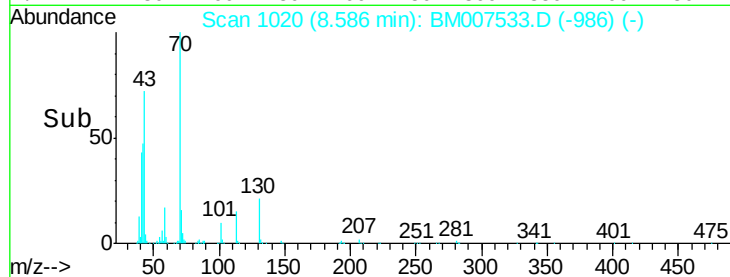
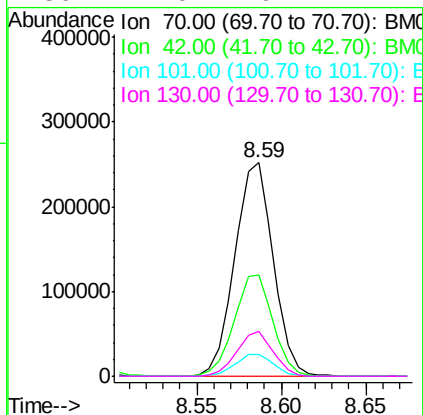
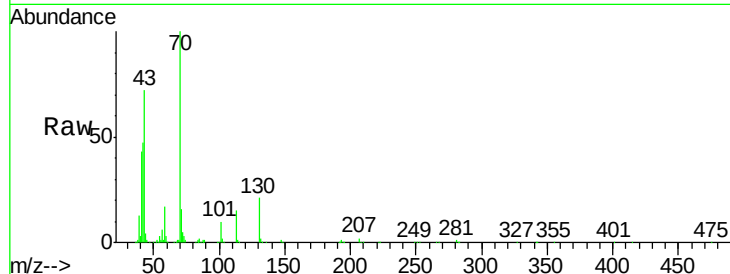
ClientSampleId :

H9005MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.2	43.4	65.2
101	10.1	7.8	11.6
130	21.0	16.2	24.4

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#33

4-Chloro-3-methylphenol

Concen: 19.82 ng/ul

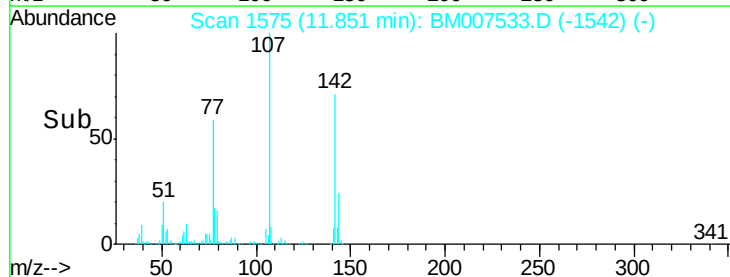
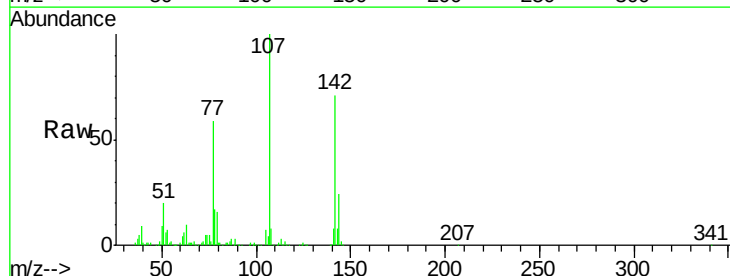
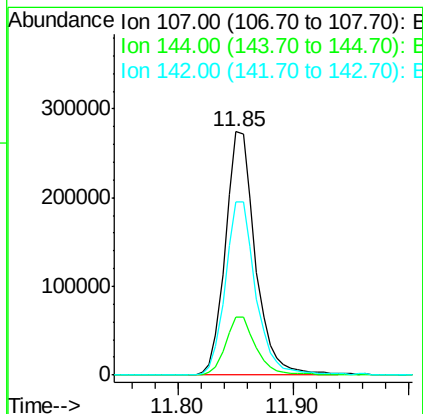
RT: 11.85 min Scan# 1575

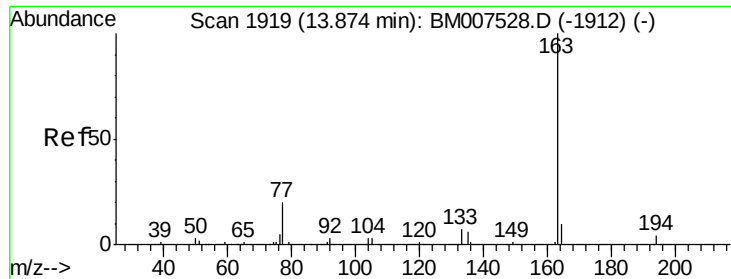
Delta R.T. -0.01 min

Lab File: BM007533.D

Acq: 23 Sep 2016 21:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	21.1	31.7
142	71.4	64.1	96.1





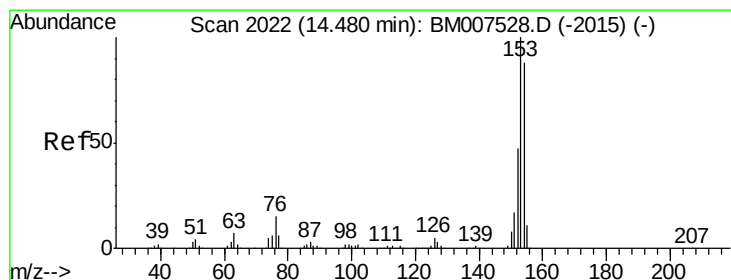
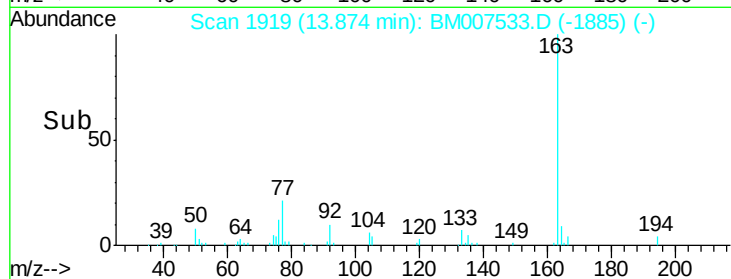
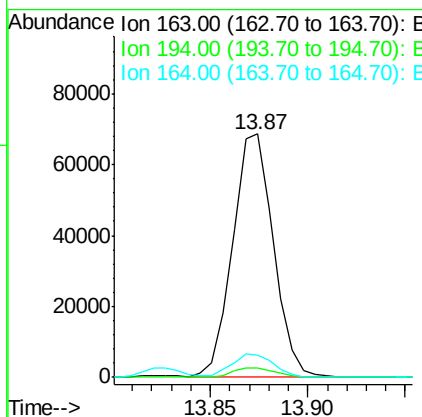
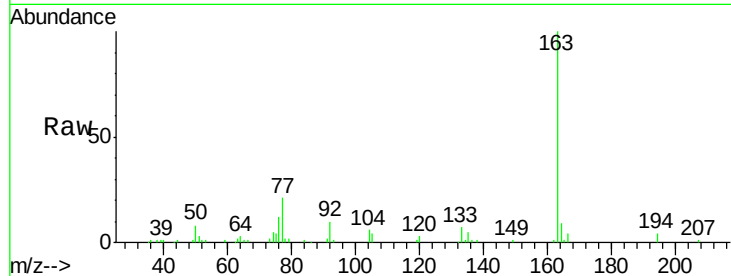
#44
Dimethylphthalate
Concen: 1.57 ng/ul
RT: 13.87 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Instrument :
BNA_M
ClientSampleId :
H9005MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	99226		
194	4.0		3.4	5.2
164	9.1		7.8	11.8

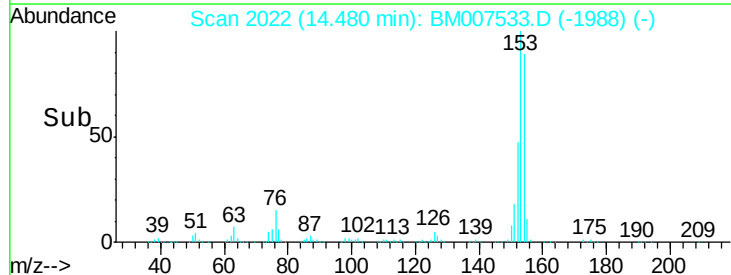
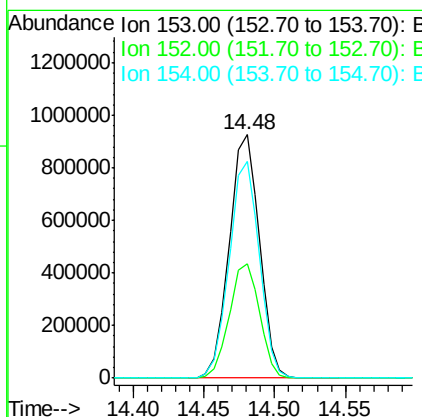
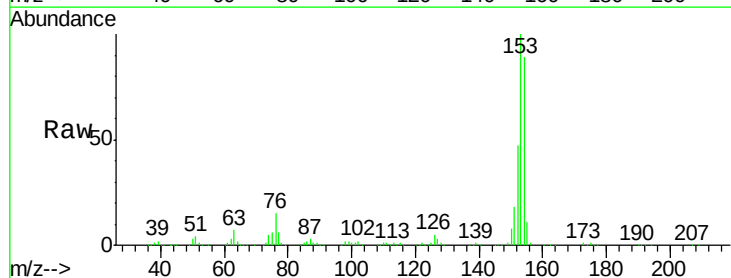
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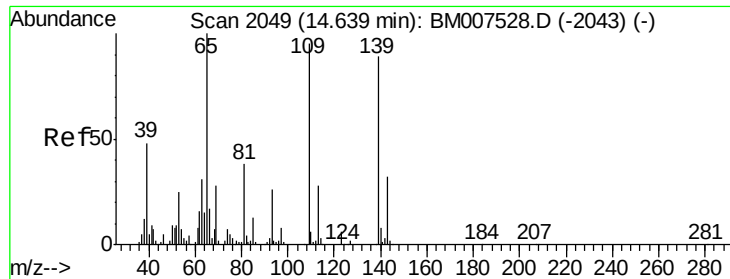
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#49
Acenaphthene
Concen: 26.76 ng/ul
RT: 14.48 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1380436		
152	47.0		37.8	56.6
154	89.0		71.4	107.0





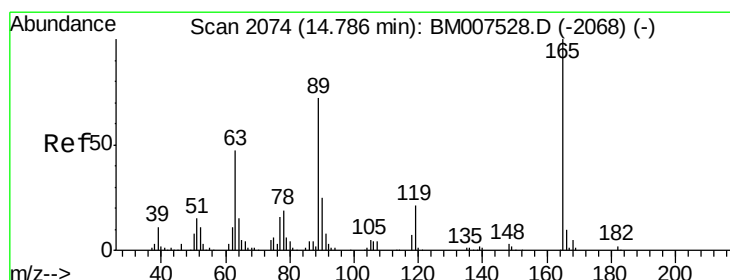
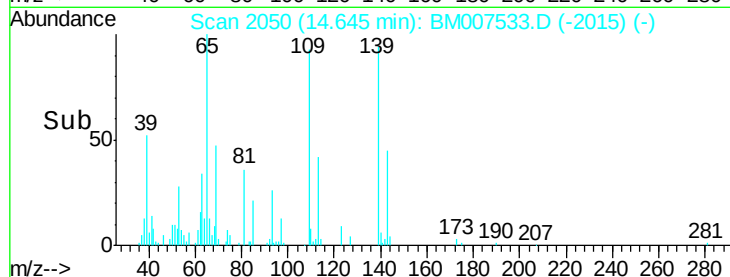
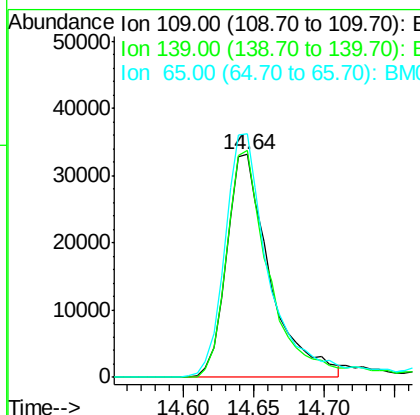
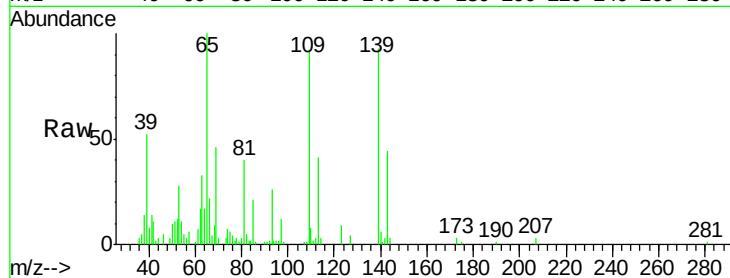
#52
4-Nitrophenol
Concen: 5.95 ng/ul
RT: 14.64 min Scan# 2050
Delta R.T. 0.01 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Instrument :
BNA_M
ClientSampled :
H9005MS

Tot Ion	Ratio	Resp	Lower	Upper
109	100	71228		
139	101.6	88.7	133.1	
65	109.2	96.4	144.6	

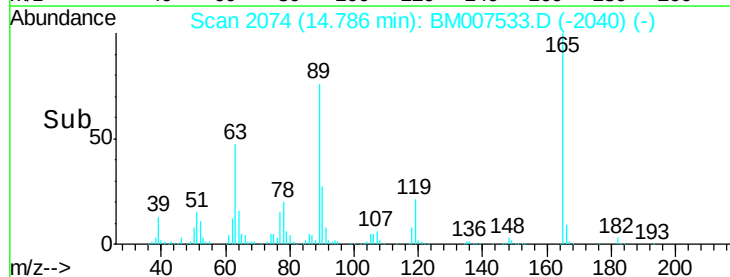
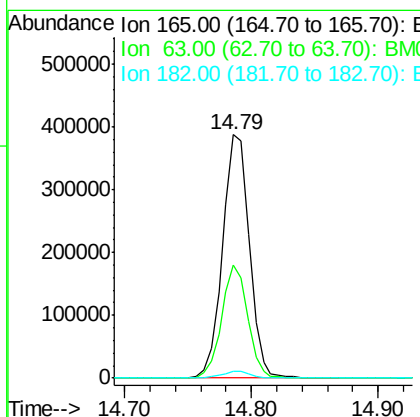
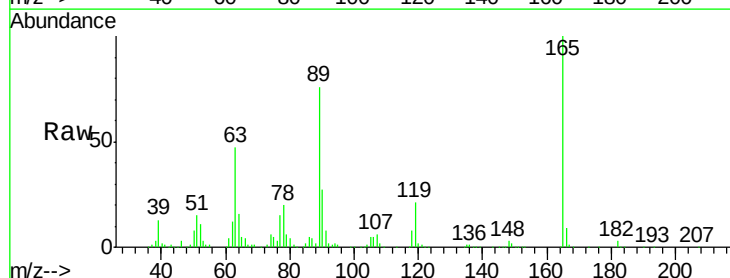
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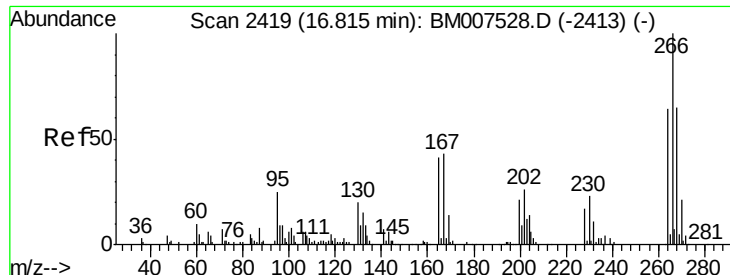
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#54
2,4-Dinitrotoluene
Concen: 29.34 ng/ul
RT: 14.79 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BM007533.D
Acq: 23 Sep 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	566872		
63	46.7	36.2	54.2	
182	2.9	2.2	3.4	





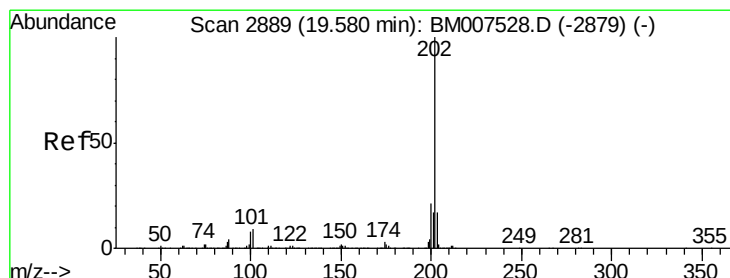
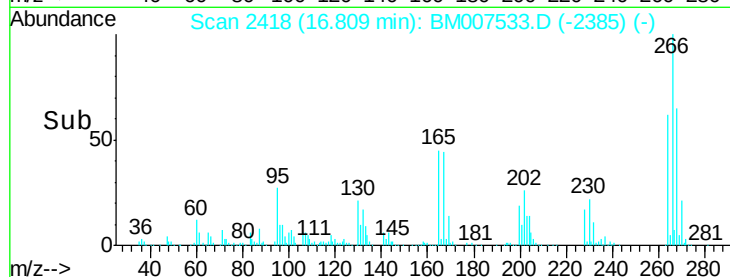
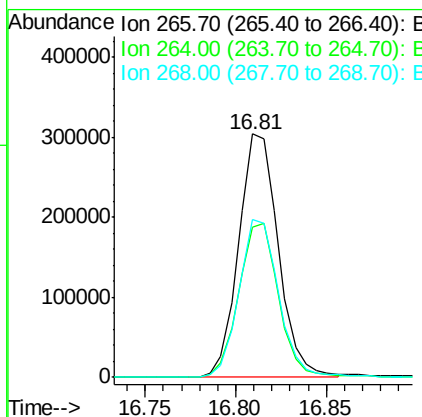
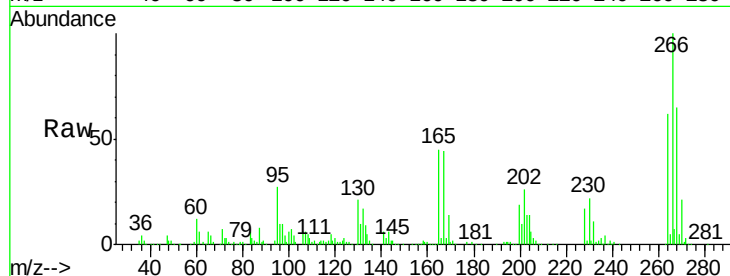
#68
 Pentachlorophenol
 Concen: 25.47 ng/ul
 RT: 16.81 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BM007533.D
 Acq: 23 Sep 2016 21:01

Instrument :
 BNA_M
 ClientSampleId :
 H9005MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	464087		
264	61.5	50.6	75.8	
268	65.0	51.0	76.6	

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#77
 Pyrene
 Concen: 25.47 ng/ul
 RT: 19.59 min Scan# 2890
 Delta R.T. 0.01 min
 Lab File: BM007533.D
 Acq: 23 Sep 2016 21:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	4250975		
101	9.0	8.4	12.6	
100	7.4	6.9	10.3	

