

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
 Data File : BM001783.D
 Acq On : 24 Jun 2015 15:43
 Operator : TP/IZ
 Sample : G2740-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FA2MSD

Manual Integrations
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Quant Time: Jun 25 02:23:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 25 02:00:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	70563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	279504	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	160246	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	349286	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	381684	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	374630	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3624	2.45	ng/uL	0.00
5) Phenol-d5	6.83	99	83531	15.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	46544	15.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	66512	15.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	48221	11.08	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	30589	15.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	33653	15.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	68817	15.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	49909	10.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	185297	15.59	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	245155	15.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	28976	13.22	ng/ul	0.00
57) Fluorene-d10	15.31	176	175004	15.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	20125	9.43	ng/ul	0.00
70) Anthracene-d10	17.16	188	256823	15.78	ng/ul	0.00
78) Pyrene-d10	19.46	212	275571	17.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	237124	14.36	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	6.86	94	92375	16.51 ng/ul	93
10) 2-Chlorophenol	7.22	128	65940	14.86 ng/ul	98
14) Acetophenone	8.48	105	52371	7.58 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	50777	15.05 ng/ul	95
28) Naphthalene	10.50	128	19615	1.39 ng/ul	97
33) 4-Chloro-3-methylphenol	11.74	107	65336	13.97 ng/ul	93
44) Dimethylphthalate	13.77	163	58513	4.51 ng/ul	97
49) Acenaphthene	14.38	153	167828	15.81 ng/ul	99
52) 4-Nitrophenol	14.53	109	27271	12.04 ng/ul	94
54) 2,4-Dinitrotoluene	14.69	165	52400	14.56 ng/ul	100
58) Fluorene	15.37	166	13940	1.10 ng/ul	96
68) Pentachlorophenol	16.71	266	34652	12.92 ng/ul	99
69) Phenanthrene	17.10	178	133262	7.04 ng/ul	98
71) Anthracene	17.19	178	28904	1.49 ng/ul	96
76) Fluoranthene	19.13	202	153810	6.79 ng/ul	99
79) Pyrene	19.49	202	464158	21.92 ng/ul	98
82) Benzo(a)anthracene	21.24	228	62468	2.80 ng/ul	98
84) Chrysene	21.29	228	65500	3.10 ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	80349	3.68 ng/ul#	93
88) Benzo(k)fluoranthene	22.85	252	30928m	1.47 ng/ul	
90) Benzo(a)pyrene	23.38	252	55513	2.62 ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.71	276	41902	1.67 ng/ul#	96
93) Benzo(g,h,i)perylene	26.40	276	22158	1.05 ng/ul#	80

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

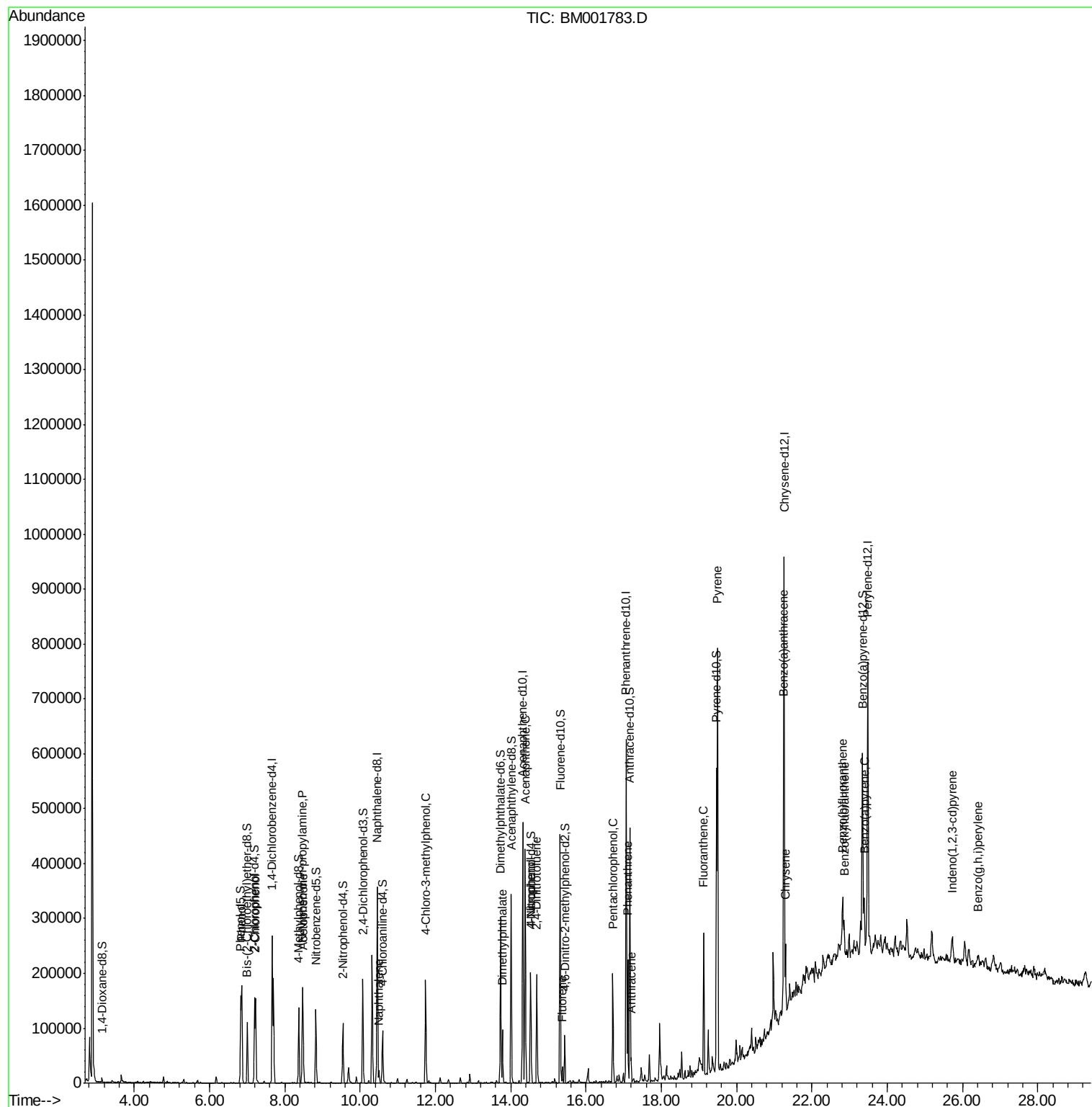
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062415\
Data File : BM001783.D
Acq On : 24 Jun 2015 15:43
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Sample : G2740-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

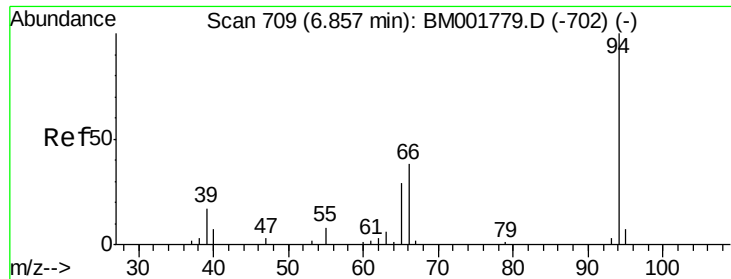
Instrument :
BNA_M
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#6

Phenol

Concen: 16.51 ng/ul

RT: 6.86 min Scan# 709

Delta R.T. 0.00 min

Lab File: BM001783.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_M

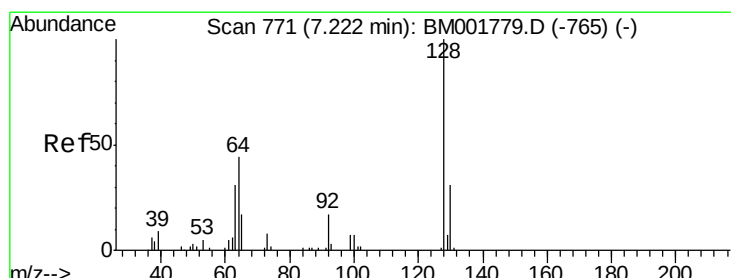
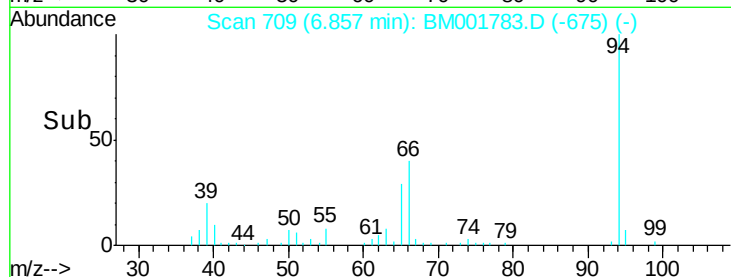
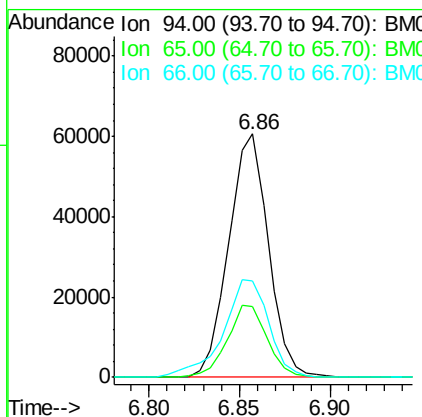
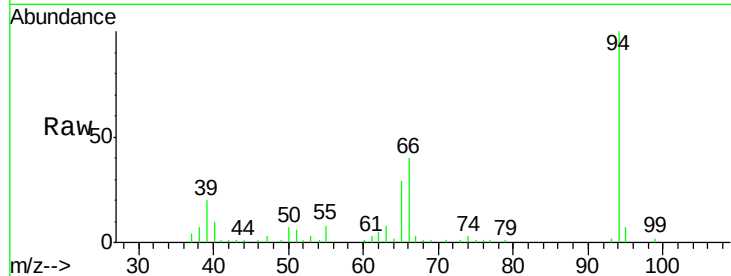
ClientSampleId :

H0FA2MSD

Tgt Ion:	94	Resp:	92375
Ion	Ratio	Lower	Upper
94	100		
65	29.3	26.1	39.1
66	39.7	35.9	53.9

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#10

2-Chlorophenol

Concen: 14.86 ng/ul

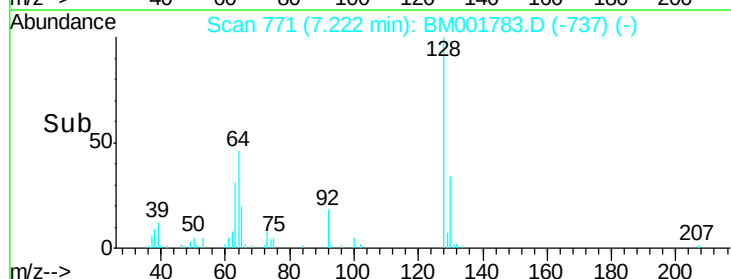
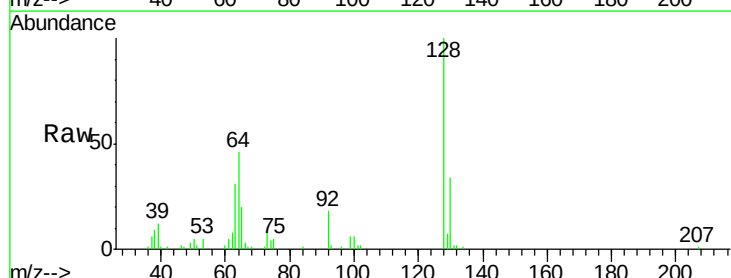
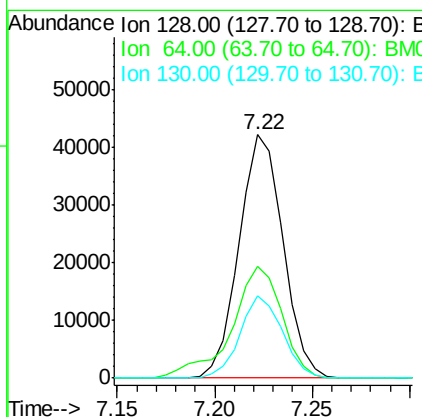
RT: 7.22 min Scan# 771

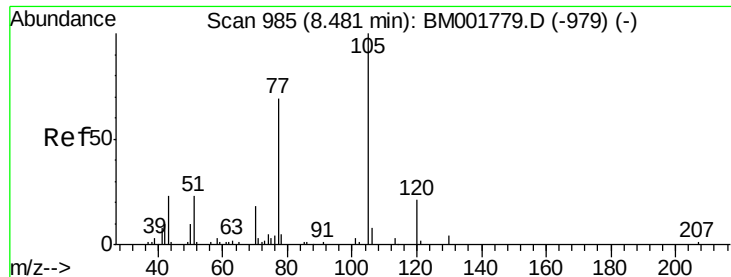
Delta R.T. 0.00 min

Lab File: BM001783.D

Acq: 24 Jun 2015 15:43

Tgt Ion:	128	Resp:	65940
Ion	Ratio	Lower	Upper
128	100		
64	46.1	37.4	56.2
130	33.6	25.4	38.0





#14

Acetophenone

Concen: 7.58 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM001783.D

Acq: 24 Jun 2015 15:43

Instrument :

BNA_M

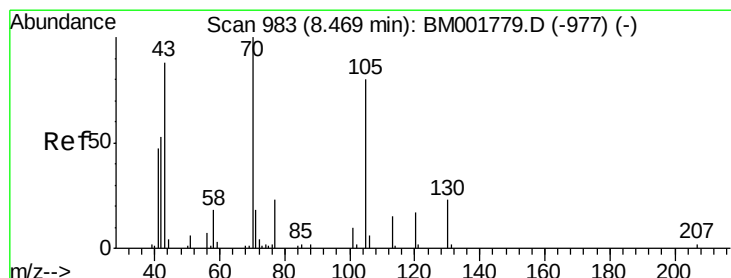
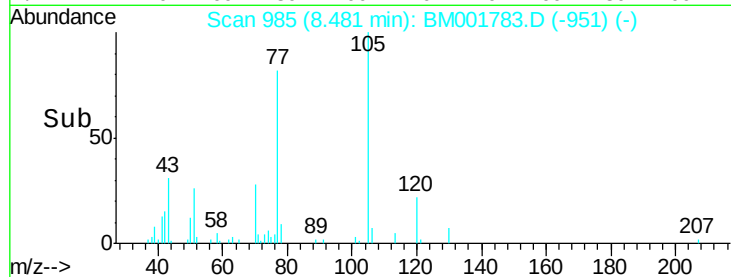
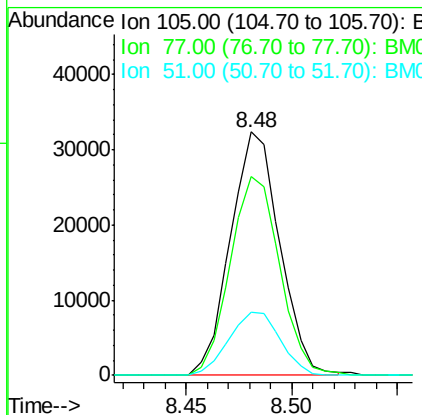
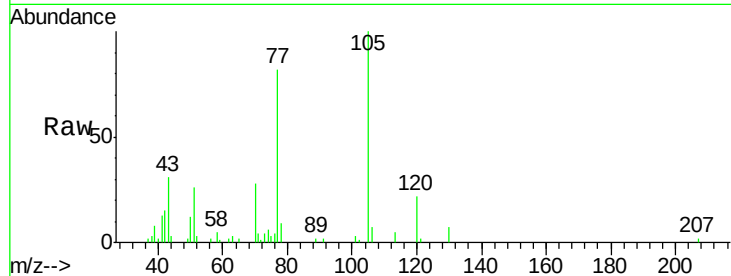
ClientSampleId :

H0FA2MSD

Tgt Ion:	105	Resp:	52371
Ion Ratio	Lower	Upper	
105	100		
77	81.9	64.2	96.4
51	25.9	22.0	33.0

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#15

N-Nitroso-di-n-propylamine

Concen: 15.05 ng/ul

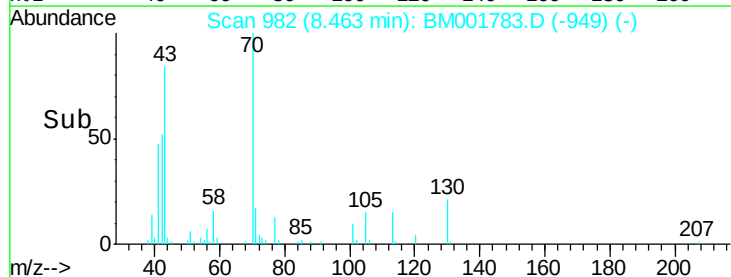
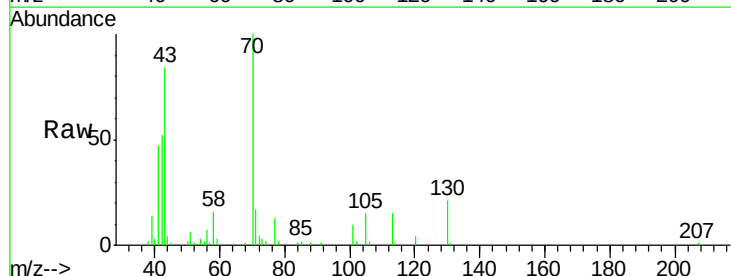
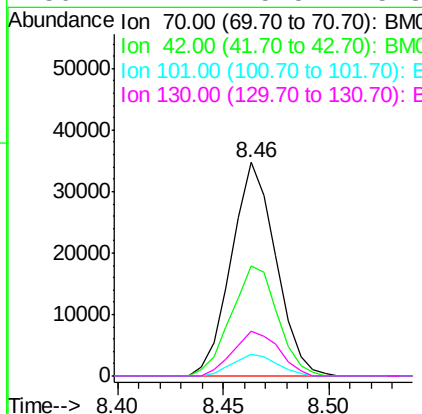
RT: 8.46 min Scan# 982

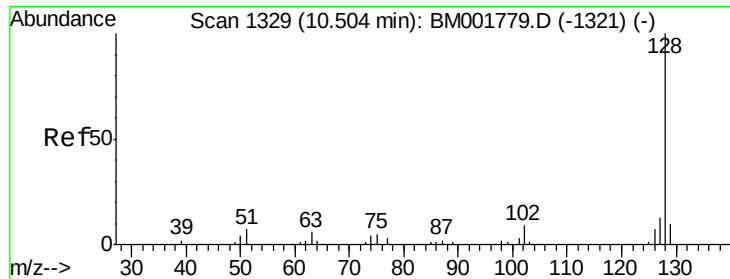
Delta R.T. -0.01 min

Lab File: BM001783.D

Acq: 24 Jun 2015 15:43

Tgt Ion:	70	Resp:	50777
Ion Ratio	Lower	Upper	
70	100		
42	51.8	45.2	67.8
101	10.2	7.8	11.6
130	21.2	15.5	23.3





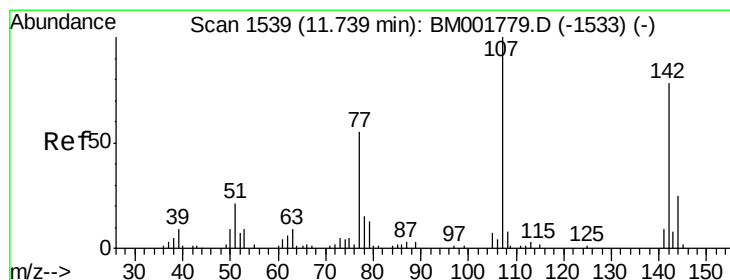
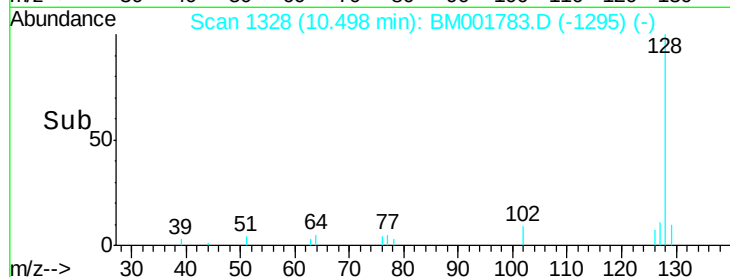
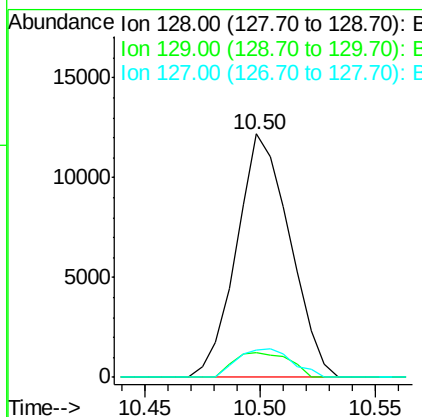
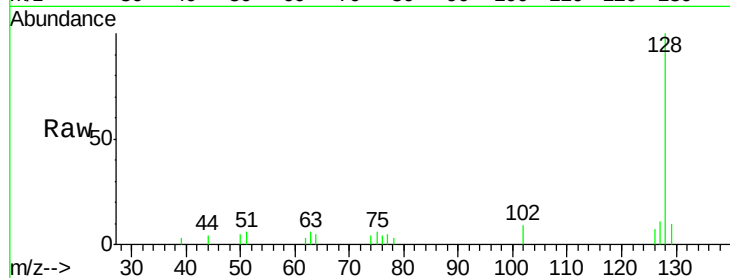
#28
Naphthalene
Concen: 1.39 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	19615		
129	10.0	8.7	13.1	
127	11.1	10.0	15.0	

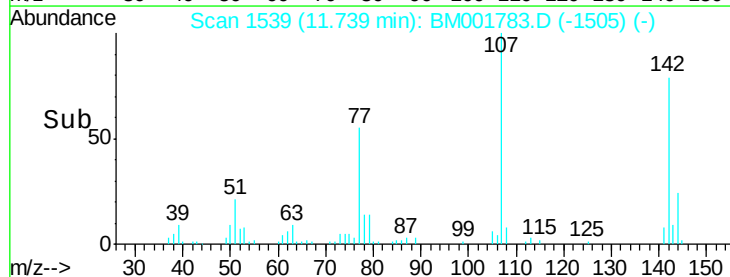
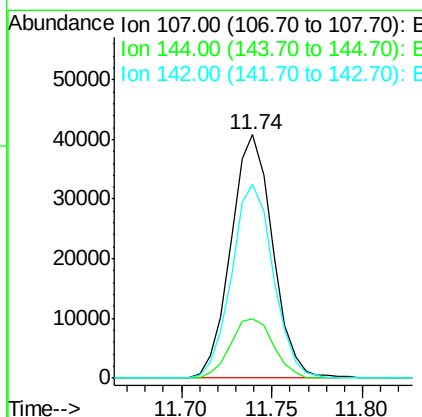
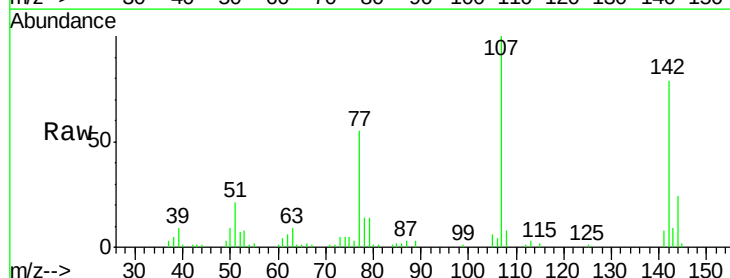
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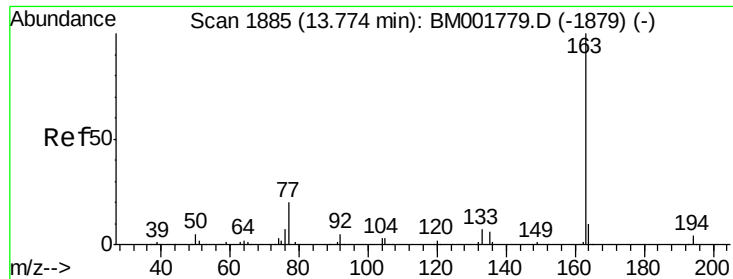
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#33
4-Chloro-3-methylphenol
Concen: 13.97 ng/ul
RT: 11.74 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	65336		
144	24.4	20.2	30.4	
142	79.3	57.7	86.5	





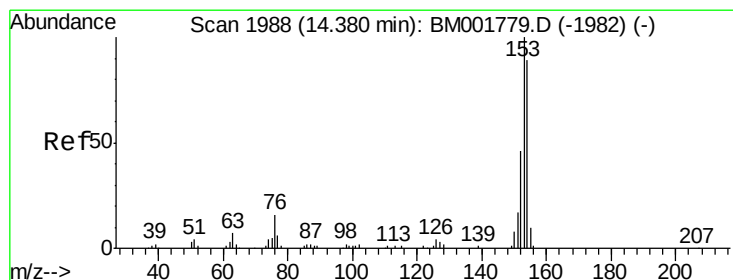
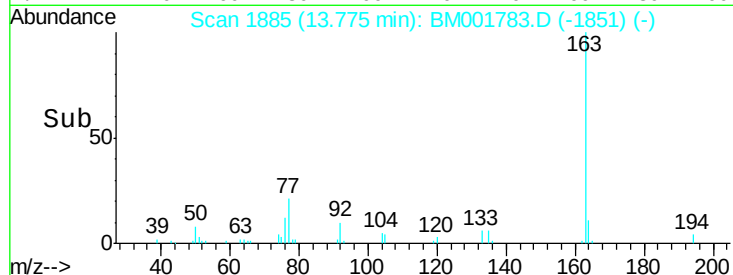
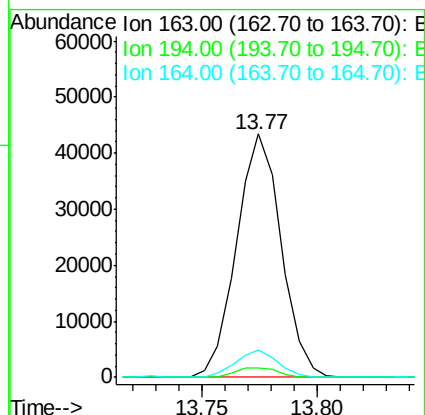
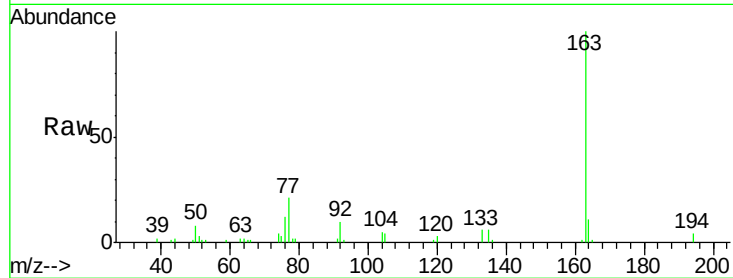
#44
Dimethylphthalate
Concen: 4.51 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	4.1	3.6	5.4
164	11.5	8.0	12.0

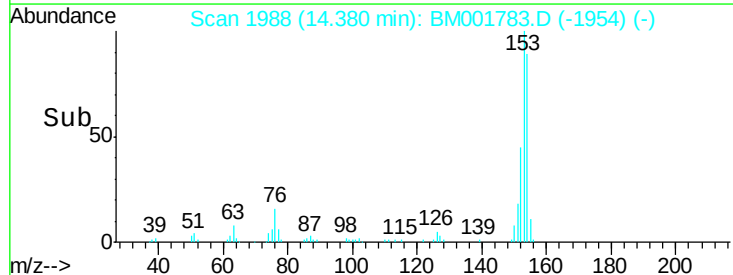
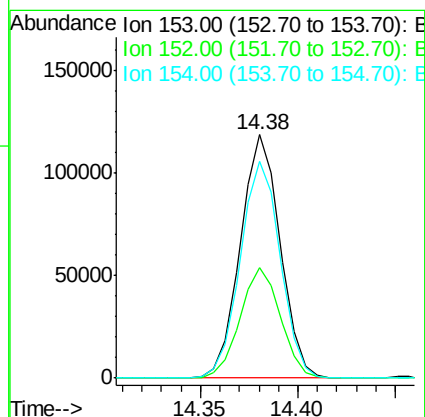
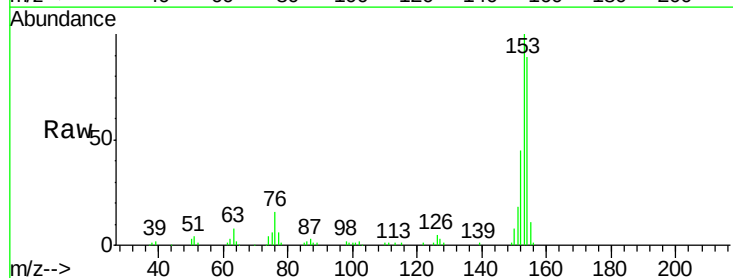
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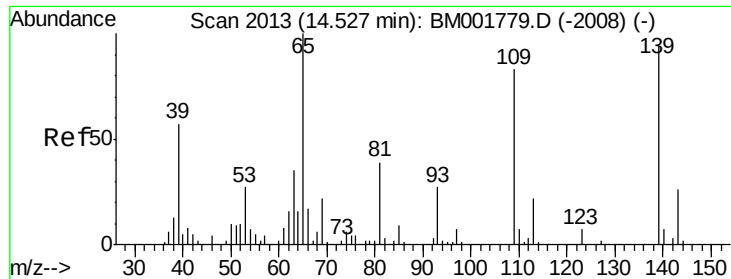
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#49
Acenaphthene
Concen: 15.81 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
153	100		
152	45.3	36.6	55.0
154	89.1	72.6	108.8





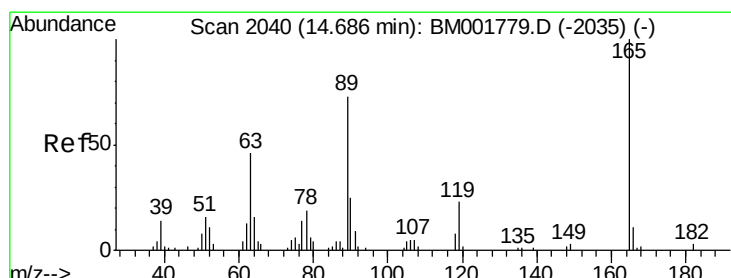
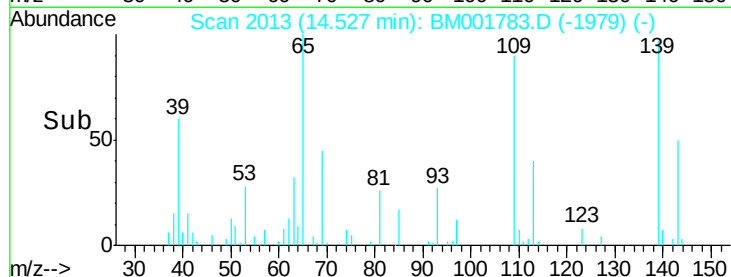
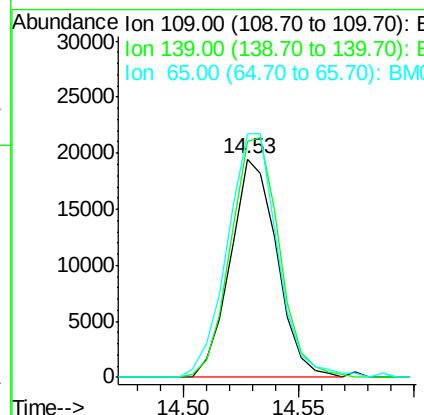
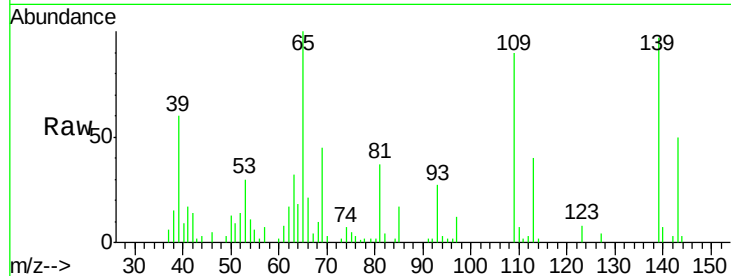
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4-Nitrophenol
Concen: 12.04 ng/ul
RT: 14.53 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	27271		
139	107.9	81.7	122.5	
65	111.3	94.3	141.5	

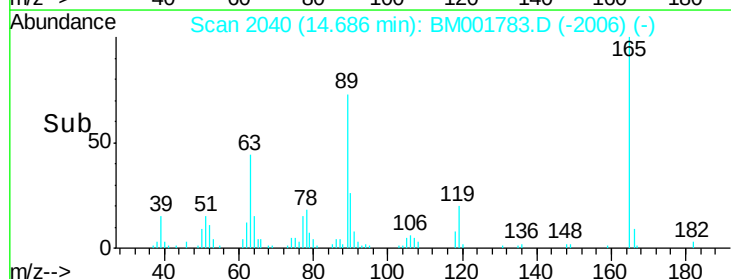
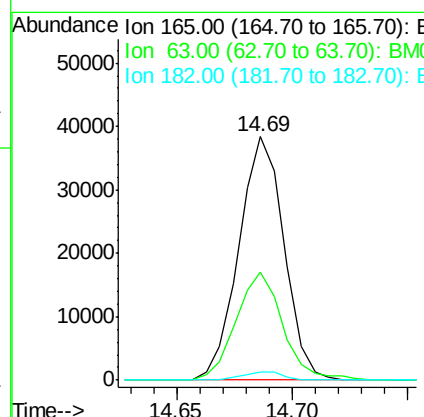
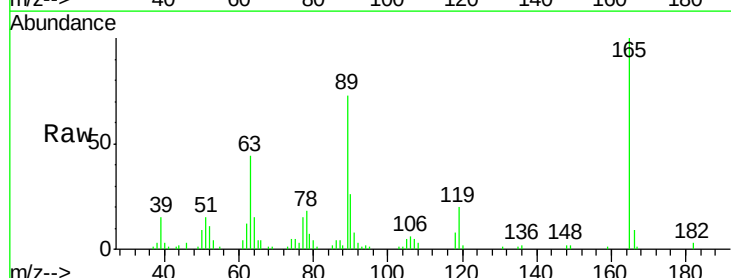
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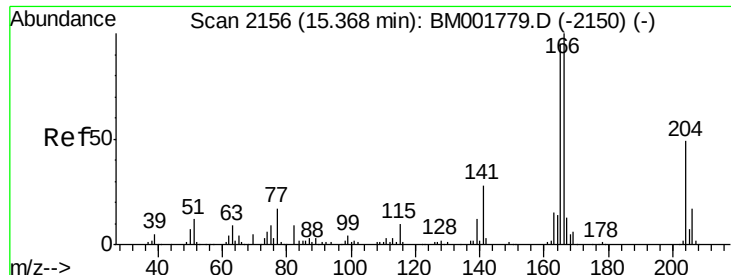
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#54
2,4-Dinitrotoluene
Concen: 14.56 ng/ul
RT: 14.69 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	52400		
63	44.3	35.4	53.2	
182	3.1	2.1	3.1	





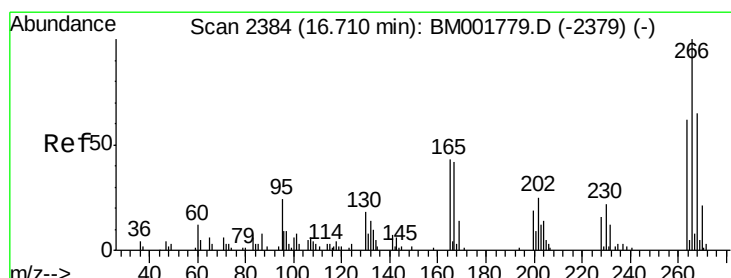
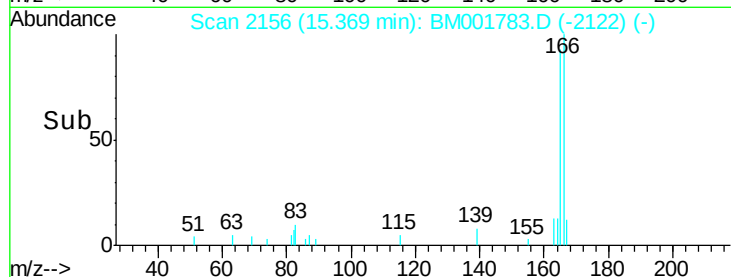
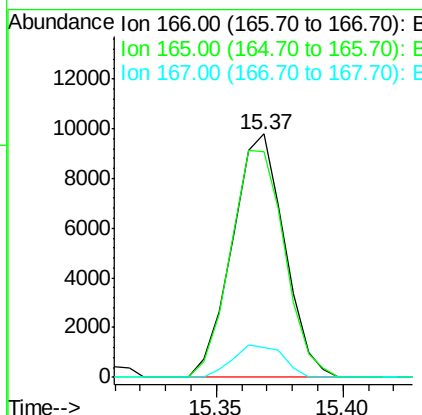
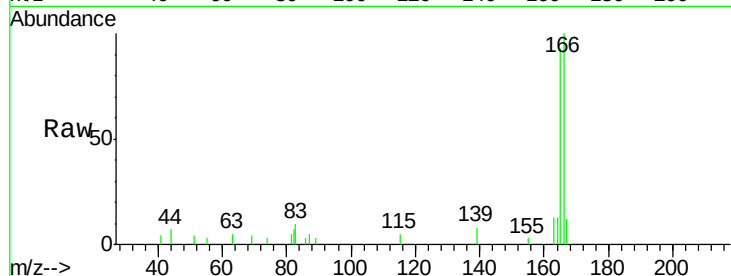
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 Fluorene
 Concen: 1.10 ng/ul
 RT: 15.37 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: BM001783.D
 Acq: 24 Jun 2015 15:43

Instrument :
 BNA_M
 ClientSampleId :
 H0FA2MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.6	77.4	116.2
167	12.5	11.3	16.9

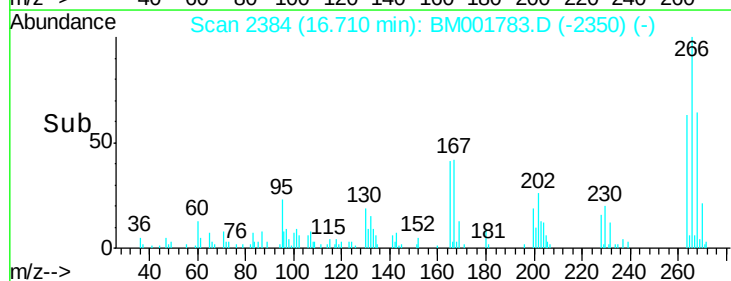
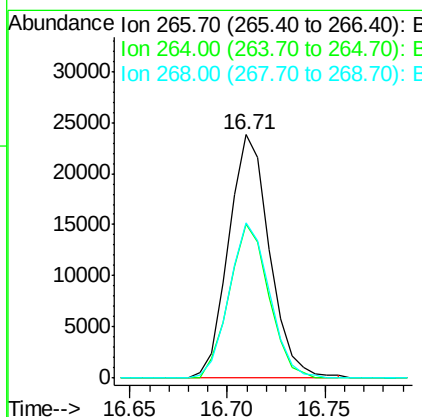
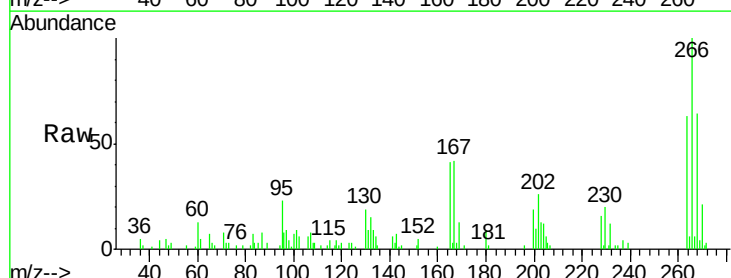
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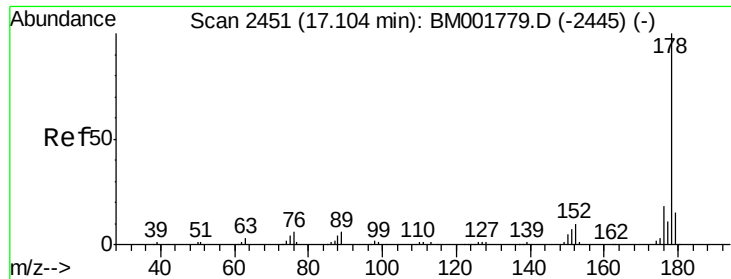
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#68
 Pentachlorophenol
 Concen: 12.92 ng/ul
 RT: 16.71 min Scan# 2384
 Delta R.T. 0.00 min
 Lab File: BM001783.D
 Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.8	76.2
268	63.8	52.0	78.0





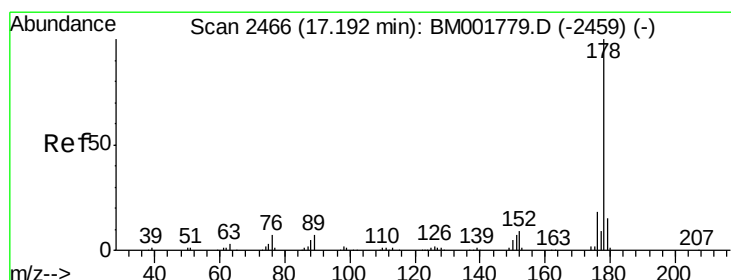
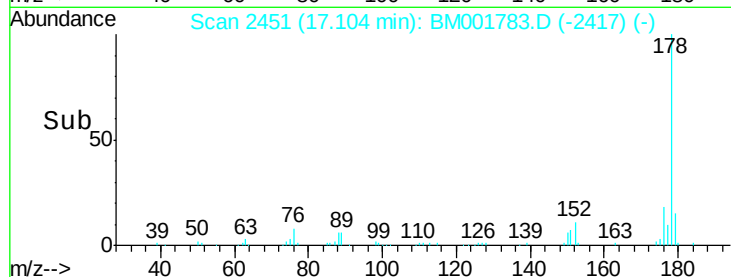
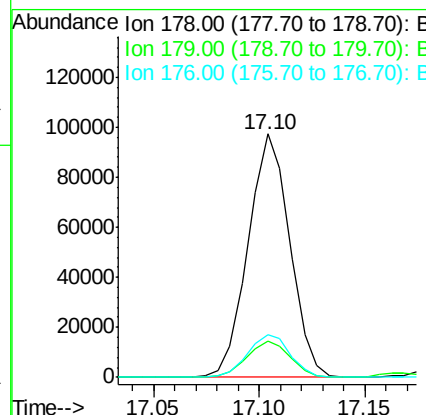
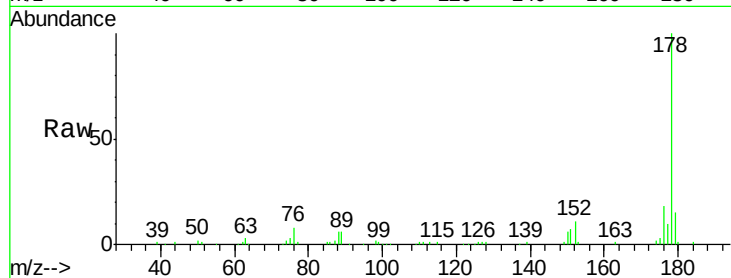
#69
Phenanthrene
Concen: 7.04 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	17.8	15.2	22.8

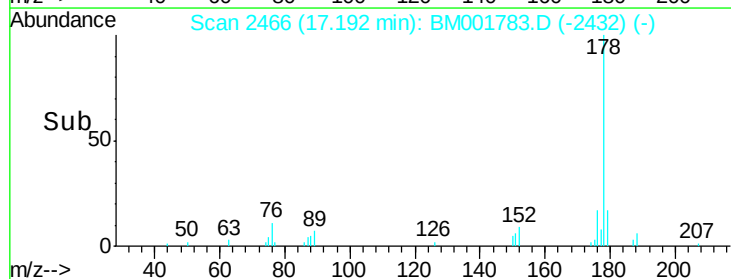
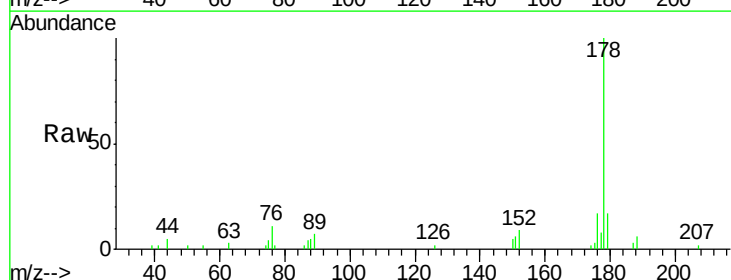
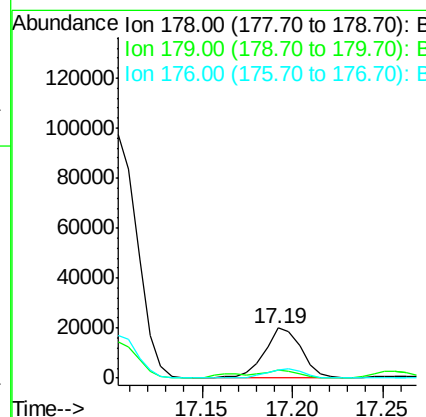
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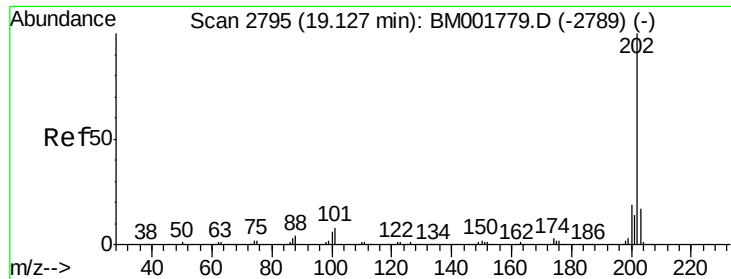
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#71
Anthracene
Concen: 1.49 ng/ul
RT: 17.19 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.8	17.8
176	17.1	14.4	21.6





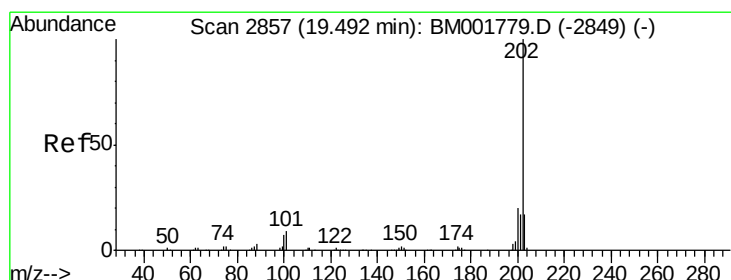
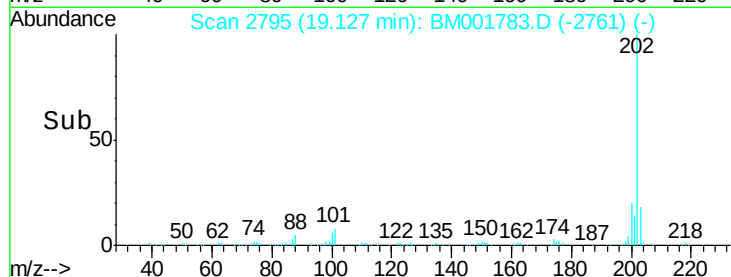
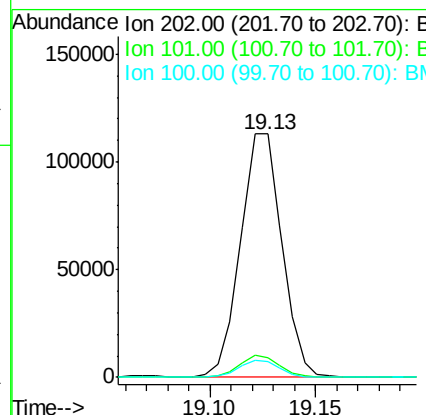
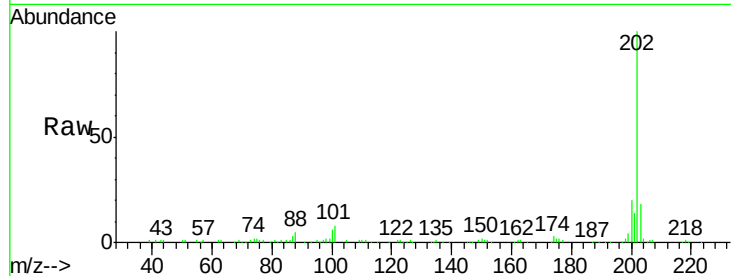
#76
Fluoranthene
Concen: 6.79 ng/ul
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.0	6.1	9.1
100	6.3	4.8	7.2

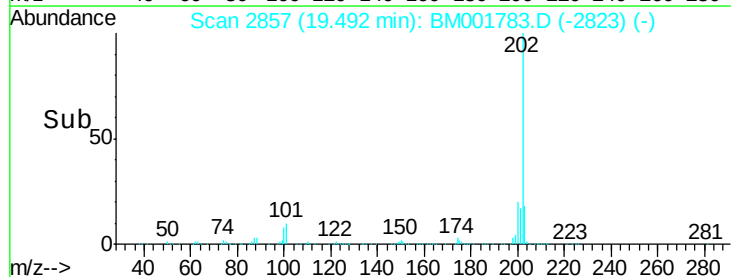
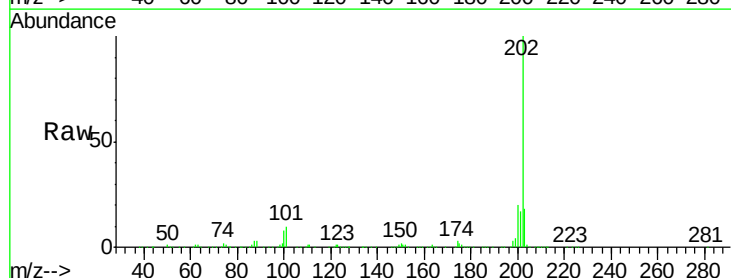
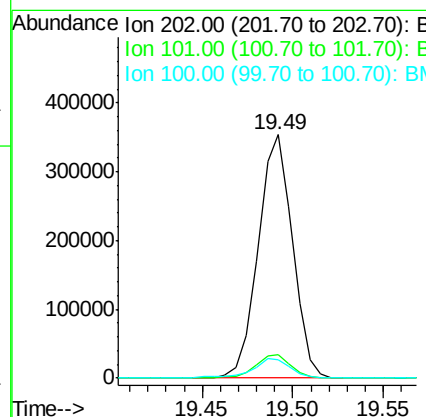
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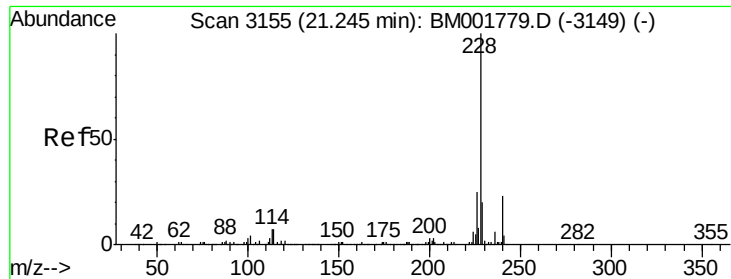
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#79
Pyrene
Concen: 21.92 ng/ul
RT: 19.49 min Scan# 2857
Delta R.T. 0.00 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.8	6.9	10.3
100	7.8	6.2	9.2





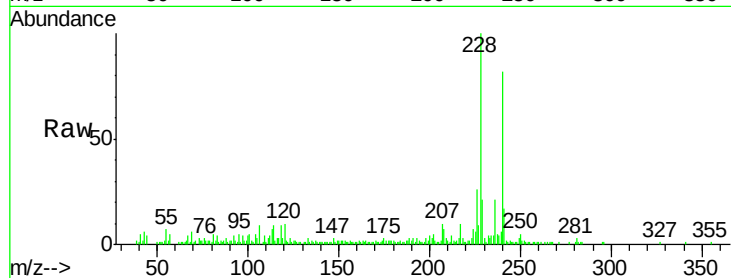
#82
Benzo(a)anthracene
Concen: 2.80 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

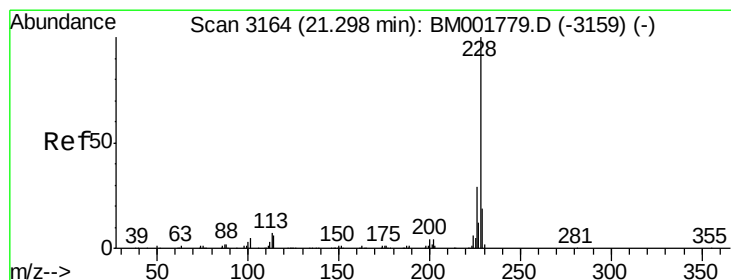
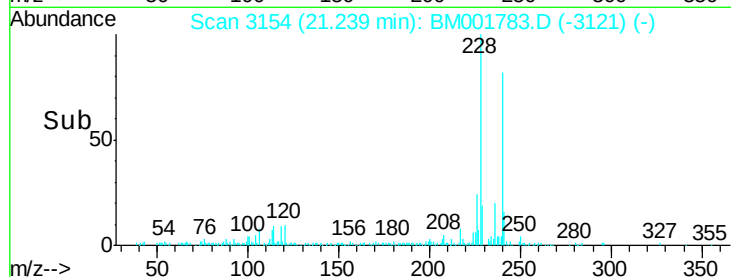
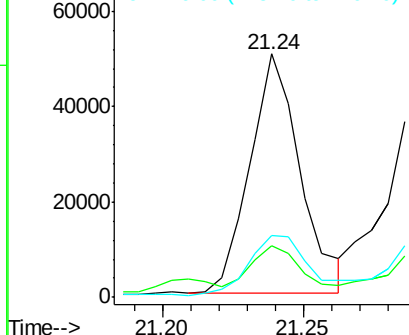
Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	25.6	20.6	30.8

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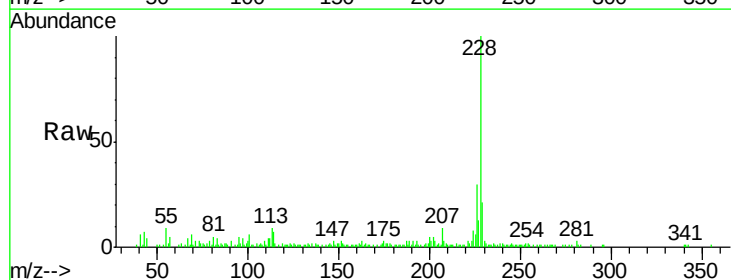


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

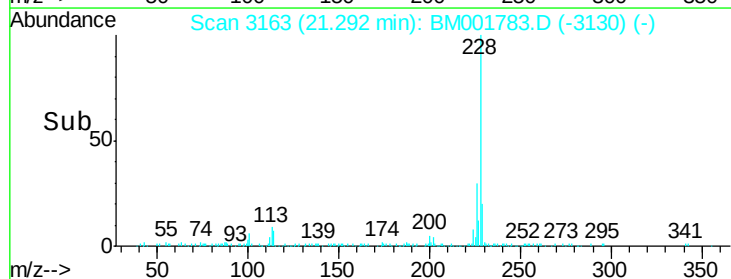
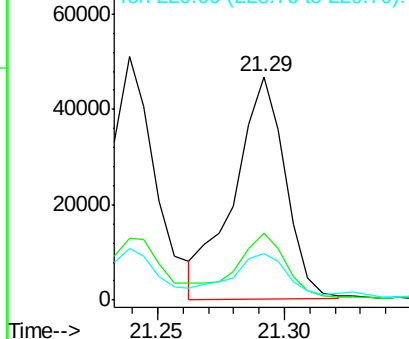


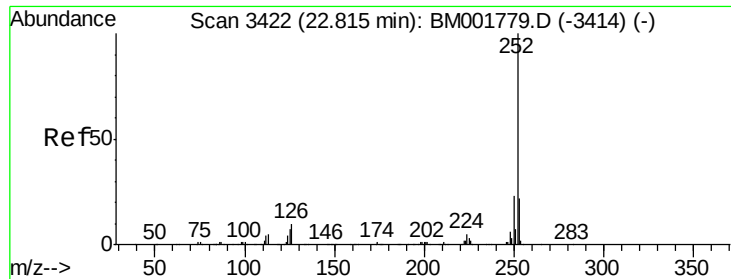
#84
Chrysene
Concen: 3.10 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	20.7	15.4	23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 3.68 ng/ul

RT: 22.81 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BM001783.D

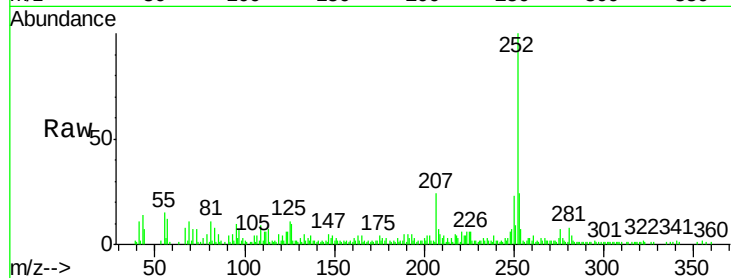
Acq: 24 Jun 2015 15:43

Instrument :

BNA_M

ClientSampleId :

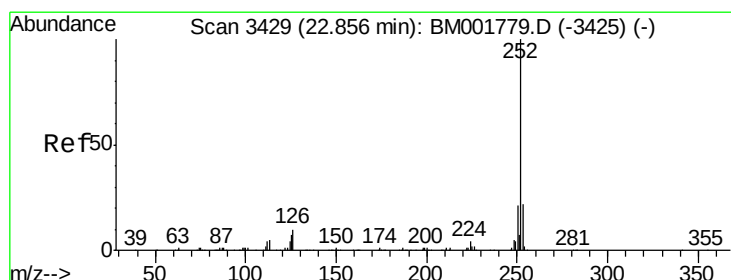
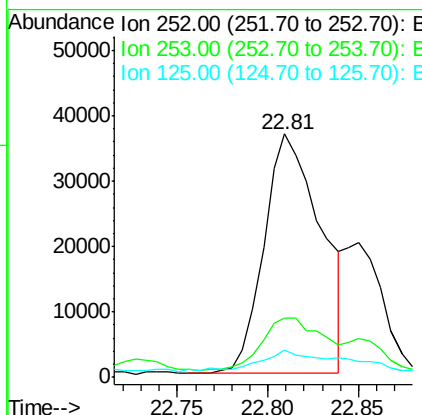
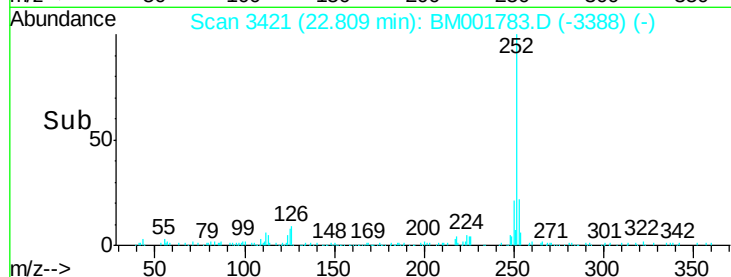
H0FA2MSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	11.3	5.3	7.9#

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#88

Benzo(k)fluoranthene

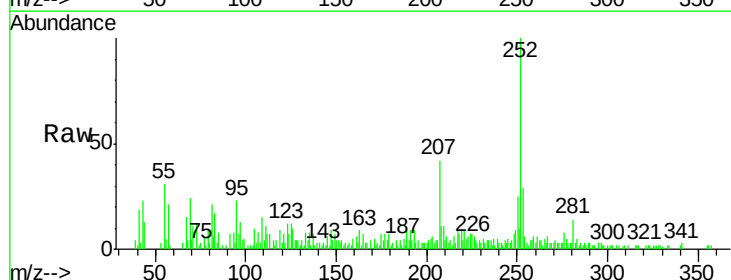
Concen: 1.47 ng/ul m

RT: 22.85 min Scan# 3428

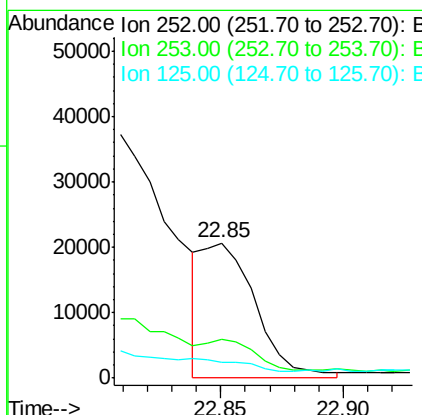
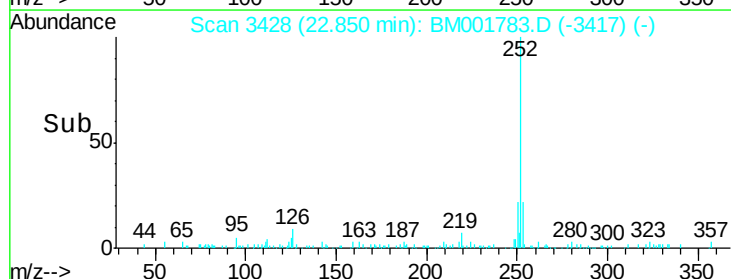
Delta R.T. -0.01 min

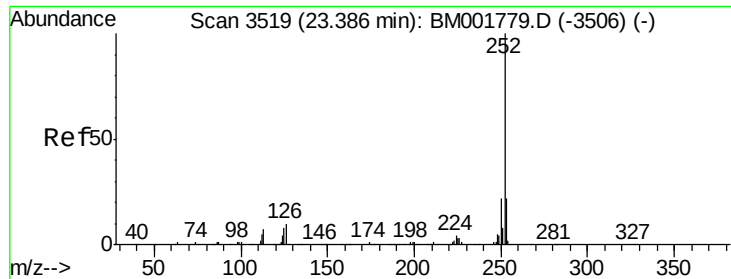
Lab File: BM001783.D

Acq: 24 Jun 2015 15:43



Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.8	17.1	25.7#
125	11.8	5.3	7.9#





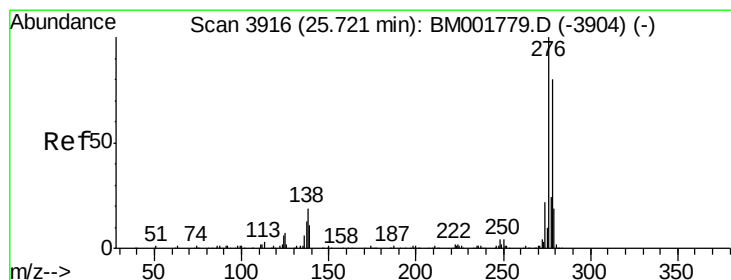
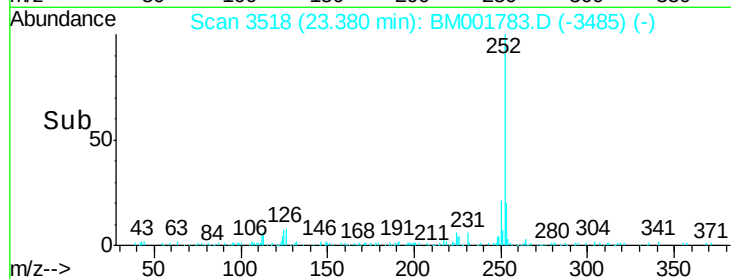
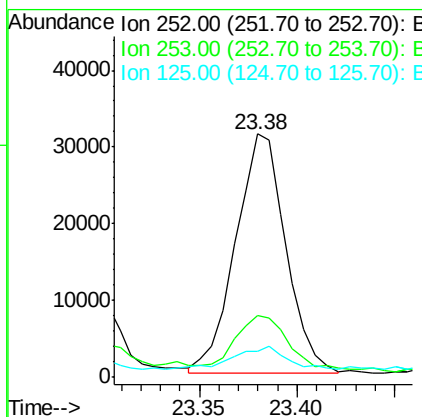
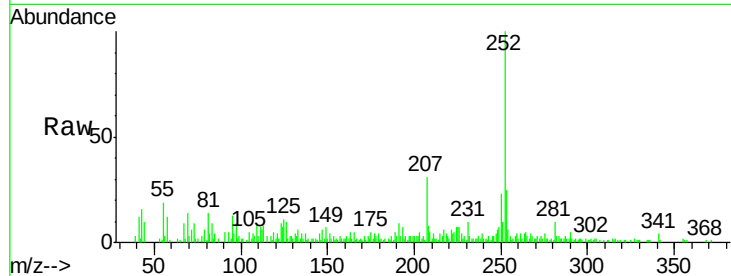
#90
Benzo(a)pyrene
Concen: 2.62 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Instrument :
BNA_M
ClientSampleId :
H0FA2MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.4	26.0
125	10.9	6.0	9.0

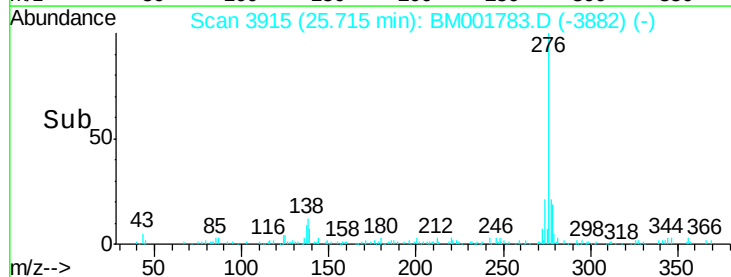
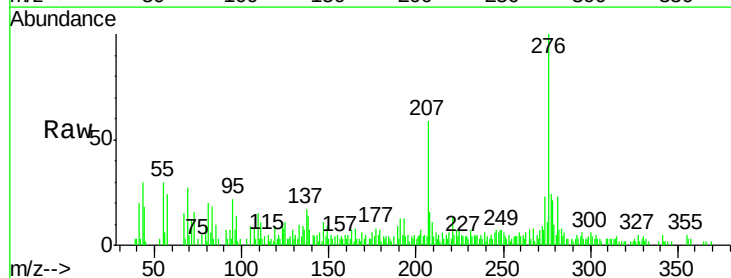
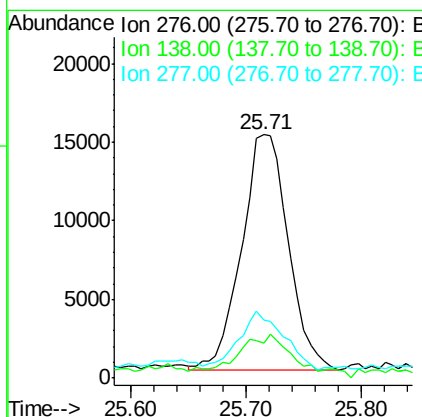
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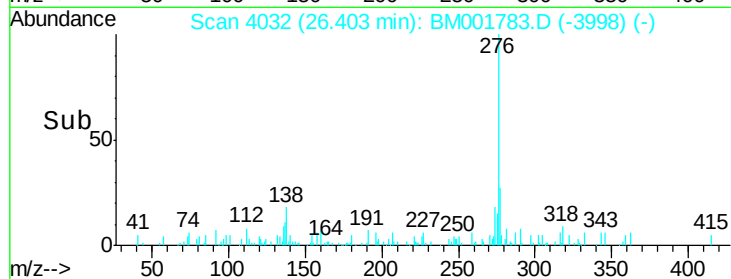
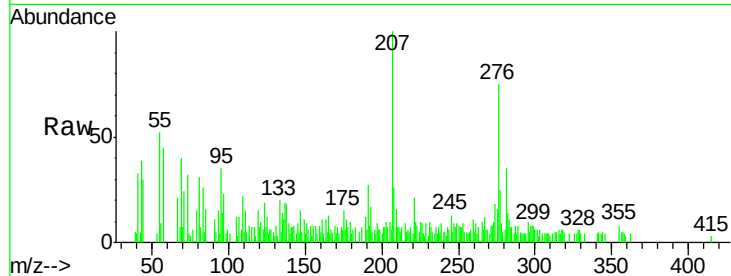
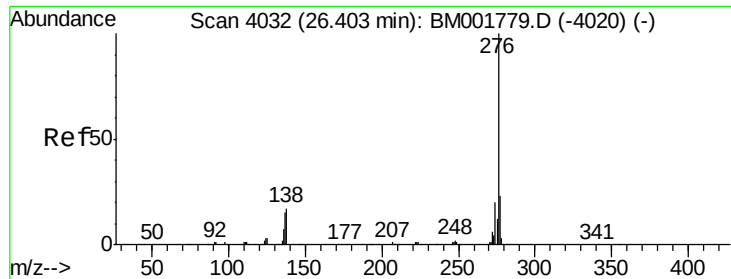
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#91
Indeno(1,2,3-cd)pyrene
Concen: 1.67 ng/ul
RT: 25.71 min Scan# 3915
Delta R.T. -0.01 min
Lab File: BM001783.D
Acq: 24 Jun 2015 15:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	14.7	22.1
277	24.1	19.7	29.5





#93

Benzo(g,h,i)perylene

Concen: 1.05 ng/ul

RT: 26.40 min Scan# 4032

Delta R.T. 0.00 min

Lab File: BM001783.D

Acq: 24 Jun 2015 15:43

Tgt	Ion	276	Resp	22158
Ion	Ratio	100	Lower	Upper
276	100			
138	23.9	12.6	19.0	#
277	33.3	18.7	28.1	#

Instrument :

BNA_M

ClientSampleId :

H0FA2MSD

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