

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040616\
 Data File : BM004913.D
 Acq On : 06 Apr 2016 20:17
 Operator : UM/SJ
 Sample : H1940-13MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7MSD

Manual Integrations
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Sohil
 4/7/2016 5:59:47 PM

Quant Time: Apr 07 05:47:26 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 04:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	51757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	239588	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	145539	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	346951	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	426813	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	384334	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	2881	2.25	ng/uL	0.00
5) Phenol-d5	6.98	99	74349	16.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	43238	17.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	59256	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	61584	15.94	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30448	17.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	33326	17.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	62123	17.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	73083	17.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	211317	18.40	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	258152	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	35210	15.51	ng/ul	0.00
58) Fluorene-d10	15.45	176	193065	19.45	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	29579	14.23	ng/ul	0.00
71) Anthracene-d10	17.30	188	305094	19.65	ng/ul	0.00
79) Pyrene-d10	19.60	212	371249	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	340800	20.01	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.01	94	76194	15.86	ng/ul	99
10) 2-Chlorophenol	7.39	128	59477	16.18	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.62	70	49985	16.91	ng/ul	95
33) 4-Chloro-3-methylphenol	11.89	107	74290	17.80	ng/ul	99
45) Dimethylphthalate	13.91	163	44892	3.84	ng/ul	99
50) Acenaphthene	14.52	153	181686	18.55	ng/ul	99
53) 4-Nitrophenol	14.67	109	29883	16.06	ng/ul	95
55) 2,4-Dinitrotoluene	14.82	165	62694	18.31	ng/ul	93
69) Pentachlorophenol	16.85	266	38418	15.68	ng/ul	98
70) Phenanthrene	17.24	178	52866	2.76	ng/ul	100
77) Fluoranthene	19.26	202	209001	9.83	ng/ul	99
80) Pyrene	19.63	202	626674	25.66	ng/ul	99
83) Benzo(a)anthracene	21.37	228	76759	3.14	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.30	149	18811	1.27	ng/ul#	95
85) Chrysene	21.42	228	110140	4.74	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	148096	6.72	ng/ul	98
89) Benzo(k)fluoranthene	23.03	252	40738m	1.93	ng/ul	
91) Benzo(a)pyrene	23.58	252	76528	3.58	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.99	276	47158	1.85	ng/ul#	93
94) Benzo(g,h,i)perylene	26.71	276	43684	2.00	ng/ul	99

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

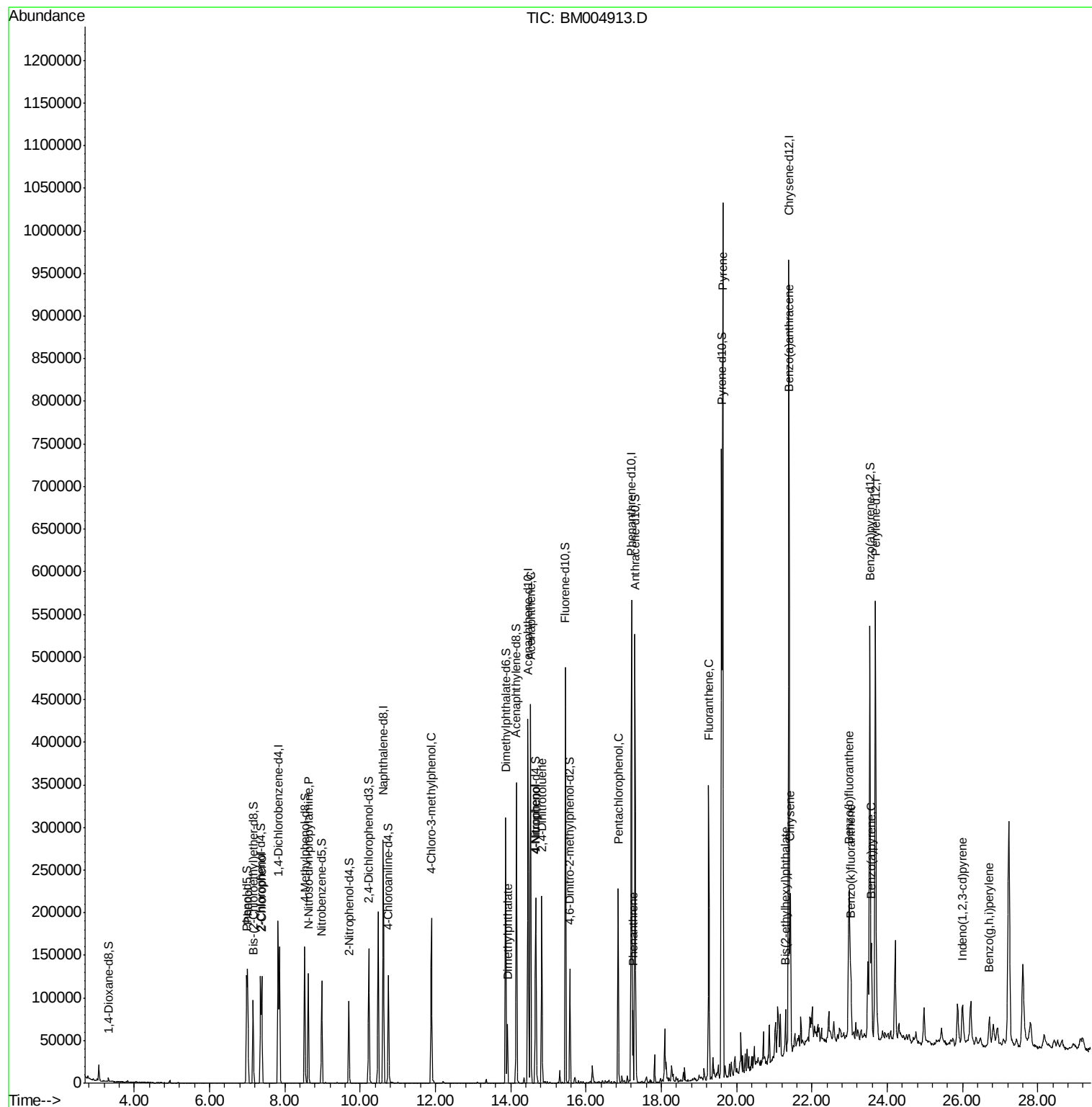
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040616\
Data File : BM004913.D
Acq On : 06 Apr 2016 20:17
Operator : UM/SJ
Sample : H1940-13MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

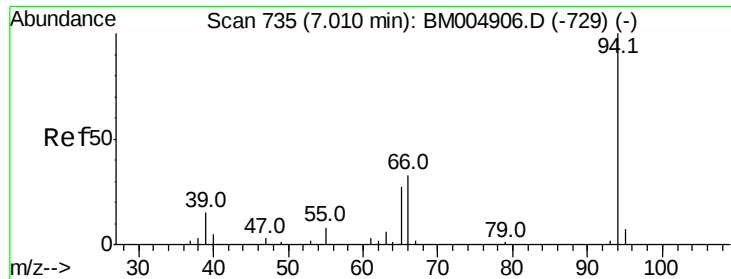
Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

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Quant Time: Apr 07 05:47:26 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 04:29:45 2016
Response via : Initial Calibration





#6

Phenol

Concen: 15.86 ng/ul

RT: 7.01 min Scan# 735

Delta R.T. -0.00 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Instrument :

BNA_M

ClientSampleId :

D9SH7MSD

Tot Ion: 94 Resp: 76194

Ion Ratio Lower Upper

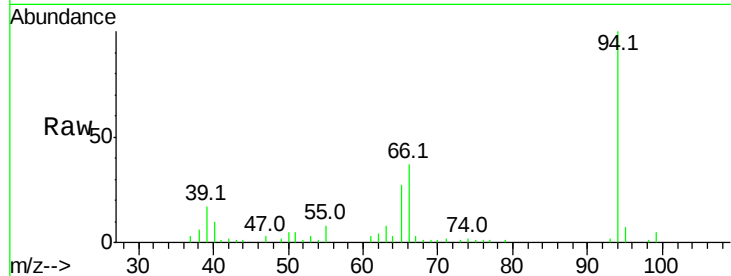
94 100

65 27.2 21.0 31.6

66 36.7 29.3 43.9

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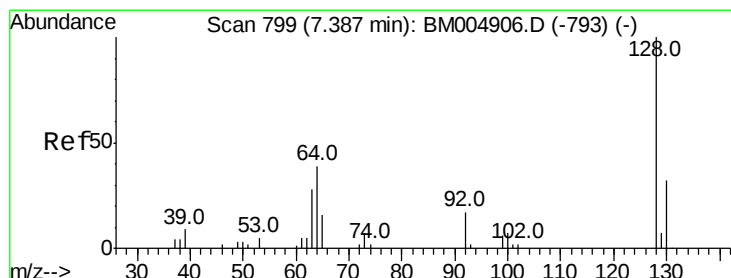
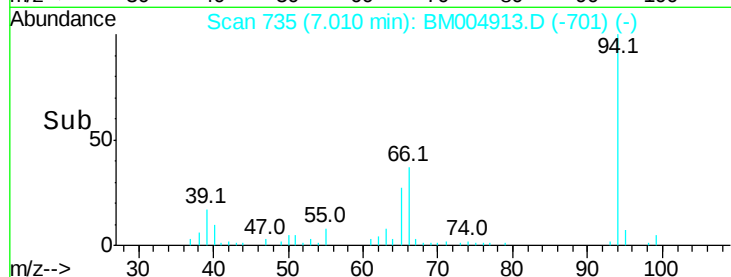
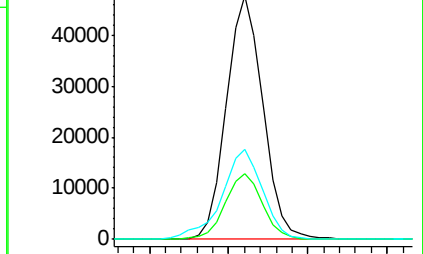
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Abundance Ion 94.00 (93.70 to 94.70): BM004906.D (-729) (-)

Ion 65.00 (64.70 to 65.70): BM004906.D (-729) (-)

Ion 66.00 (65.70 to 66.70): BM004906.D (-729) (-)



#10

2-Chlorophenol

Concen: 16.18 ng/ul

RT: 7.39 min Scan# 799

Delta R.T. 0.01 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

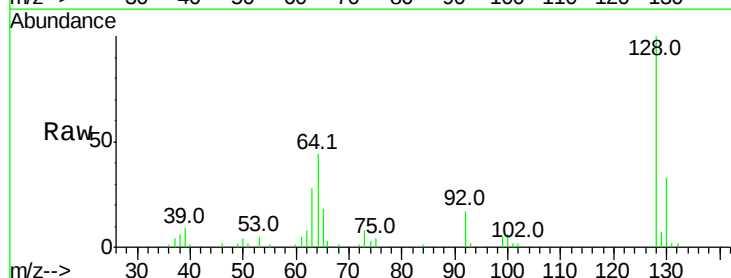
Tgt Ion: 128 Resp: 59477

Ion Ratio Lower Upper

128 100

64 43.7 31.9 47.9

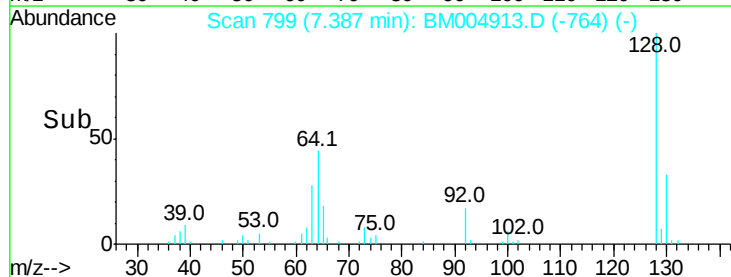
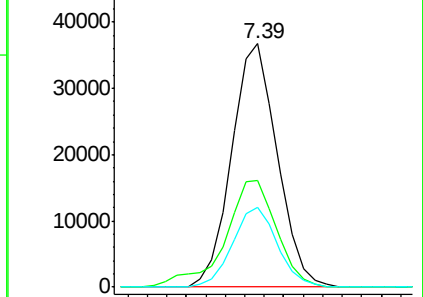
130 32.5 25.6 38.4

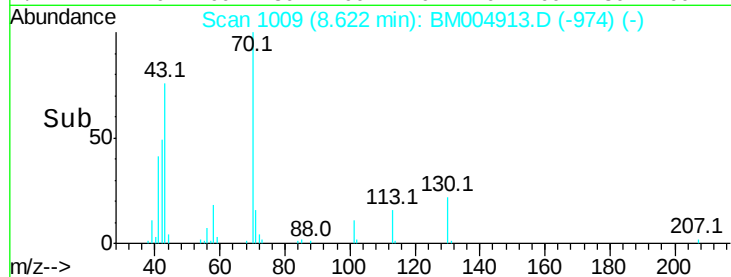
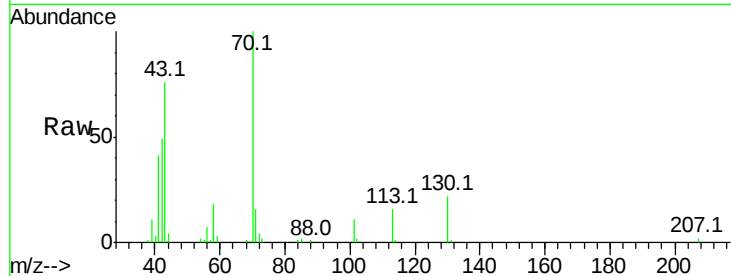
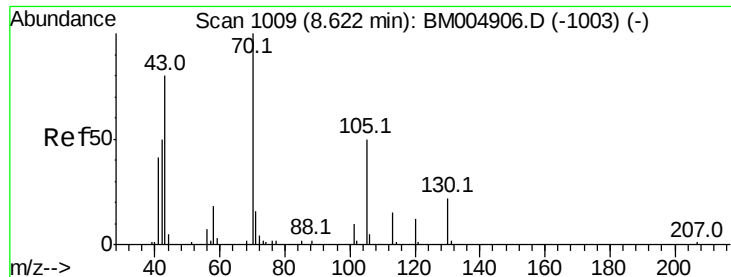


Abundance Ion 128.00 (127.70 to 128.70): BM004906.D (-793) (-)

Ion 64.00 (63.70 to 64.70): BM004906.D (-793) (-)

Ion 130.00 (129.70 to 130.70): BM004906.D (-793) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.91 ng/ul

RT: 8.62 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Instrument :

BNA_M

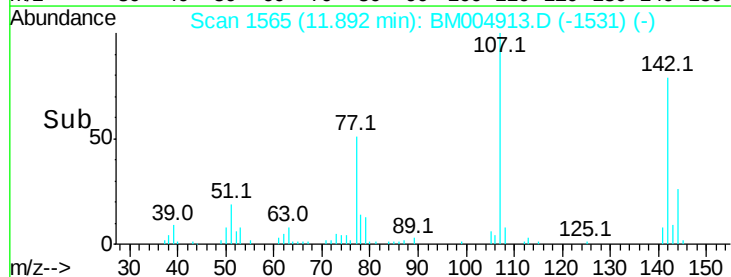
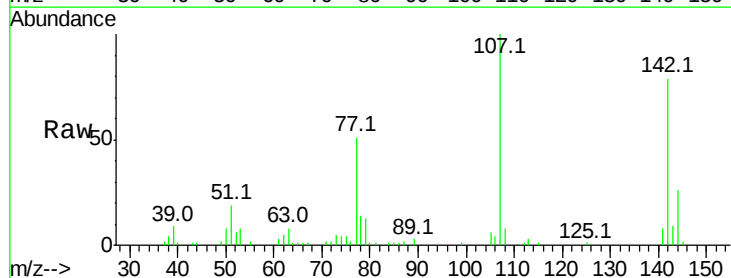
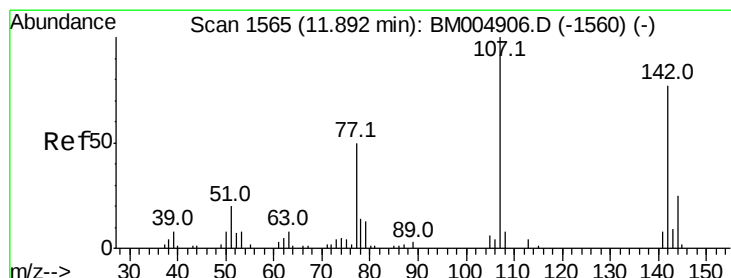
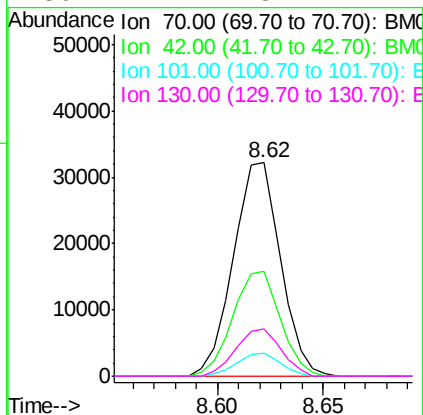
ClientSampleId :

D9SH7MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	49.4	35.4	53.0	
101	10.7	8.4	12.6	
130	22.4	18.2	27.4	

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#33

4-Chloro-3-methylphenol

Concen: 17.80 ng/ul

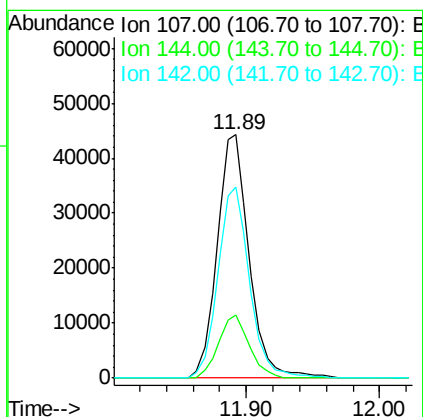
RT: 11.89 min Scan# 1565

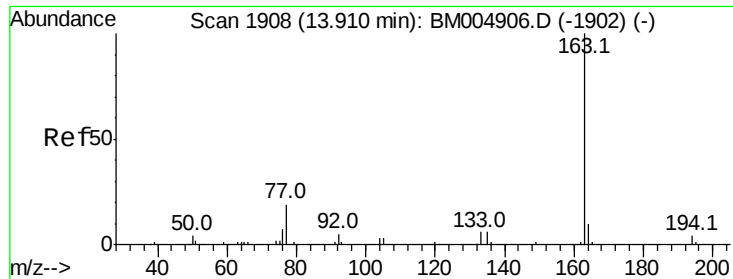
Delta R.T. -0.00 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.0	20.4	30.6	
142	78.6	62.5	93.7	





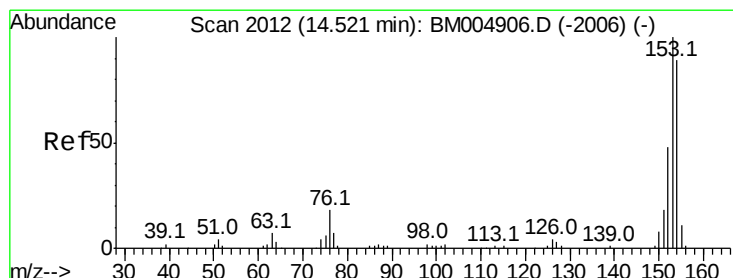
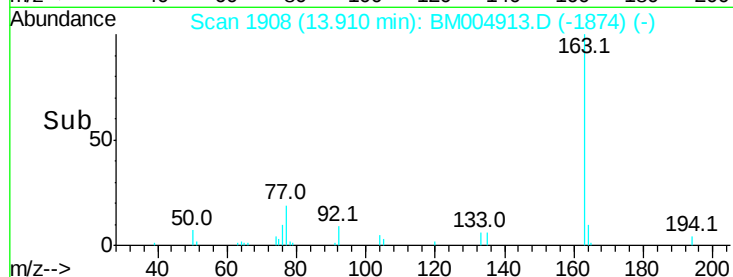
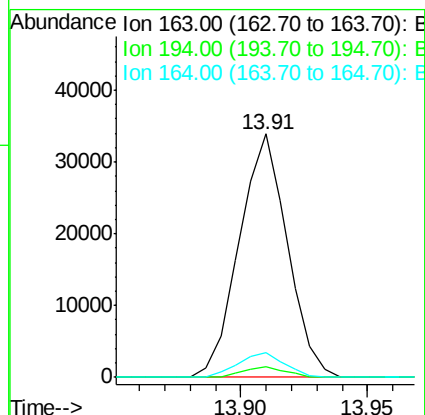
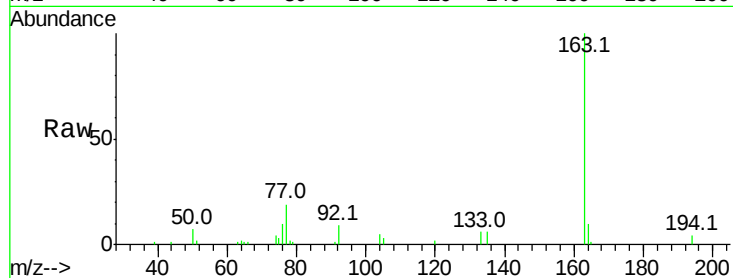
#45
Dimethylphthalate
Concen: 3.84 ng/ul
RT: 13.91 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.2	7.8	11.8

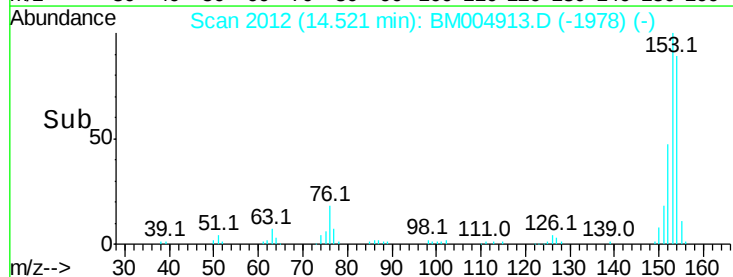
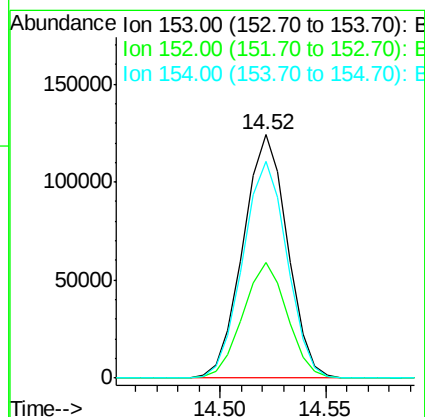
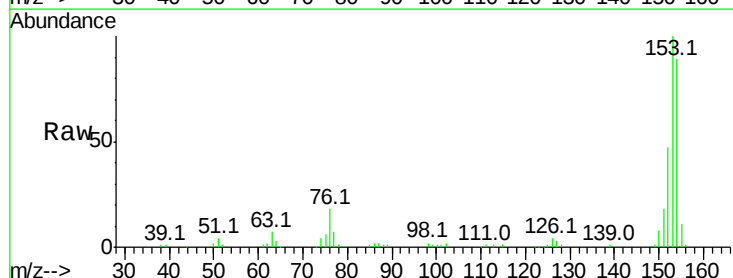
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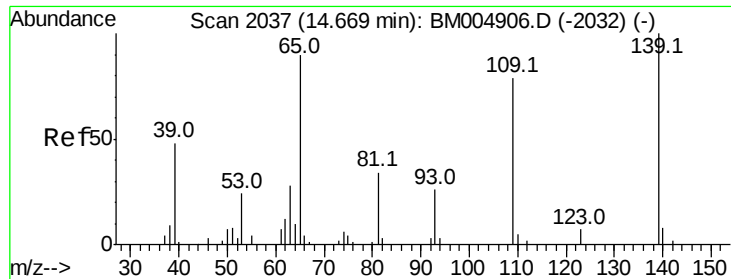
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#50
Acenaphthene
Concen: 18.55 ng/ul
RT: 14.52 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.4	38.3	57.5
154	89.0	71.8	107.8





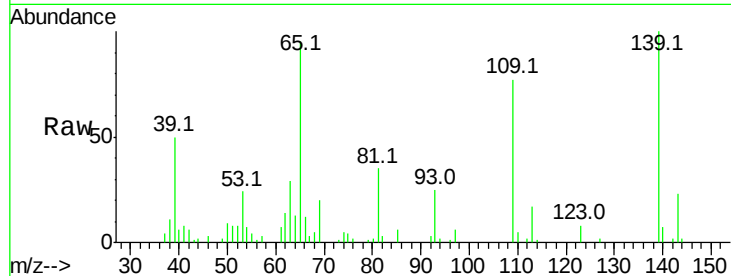
#53
4-Nitrophenol
Concen: 16.06 ng/ul
RT: 14.67 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

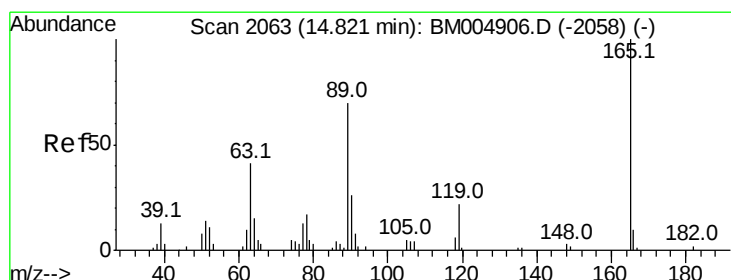
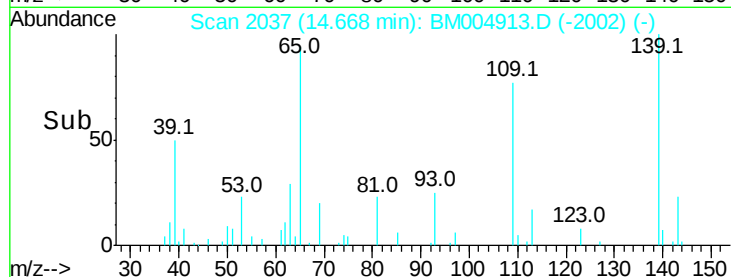
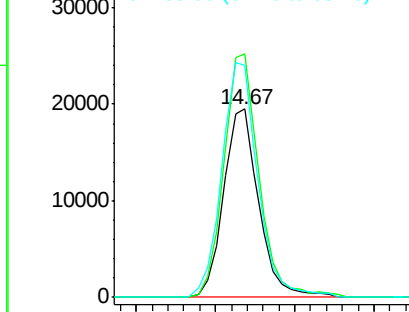
Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	129.5	103.7	155.5	
65	123.3	89.4	134.2	

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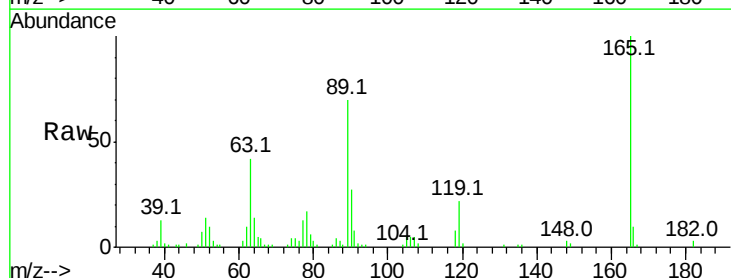


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

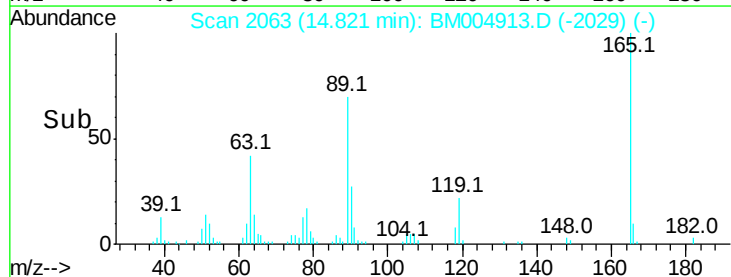
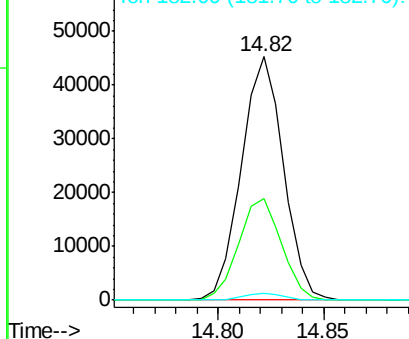


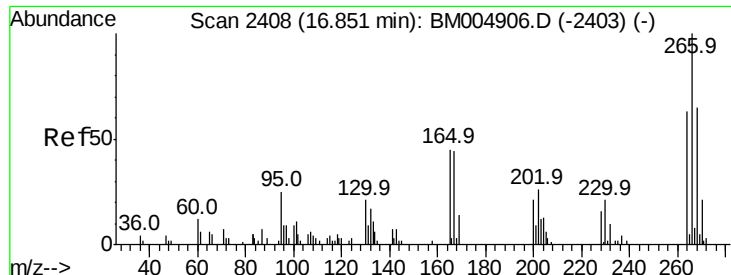
#55
2,4-Dinitrotoluene
Concen: 18.31 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.7	29.8	44.6	
182	2.9	2.2	3.4	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E





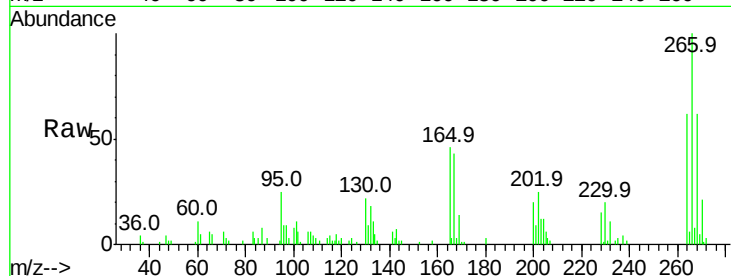
#69
 Pentachlorophenol
 Concen: 15.68 ng/ul
 RT: 16.85 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BM004913.D
 Acq: 06 Apr 2016 20:17

Instrument :
 BNA_M
 ClientSampleId :
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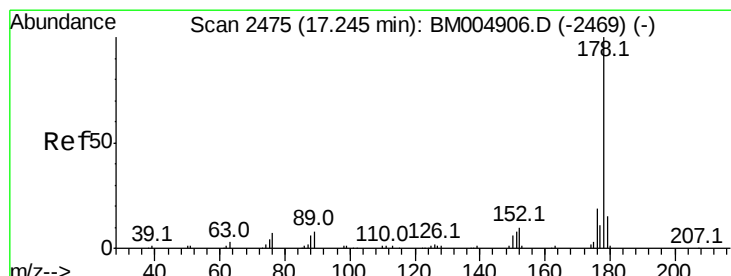
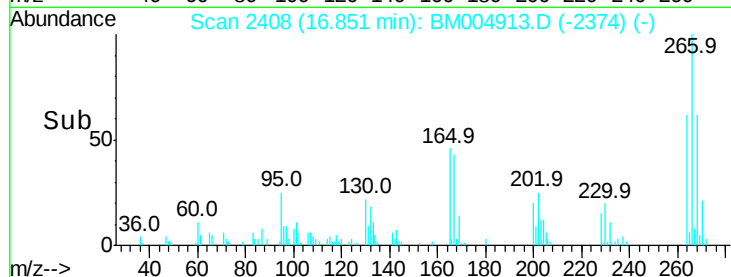
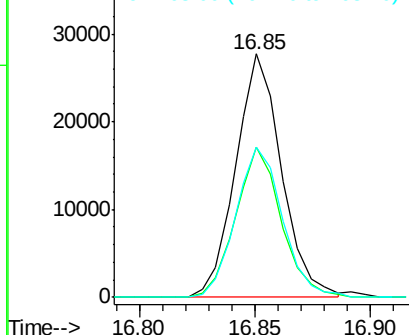
Tot Ion	Ratio	Resp	Lower	Upper
266	100	38418		
264	61.5		50.5	75.7
268	61.6		50.9	76.3

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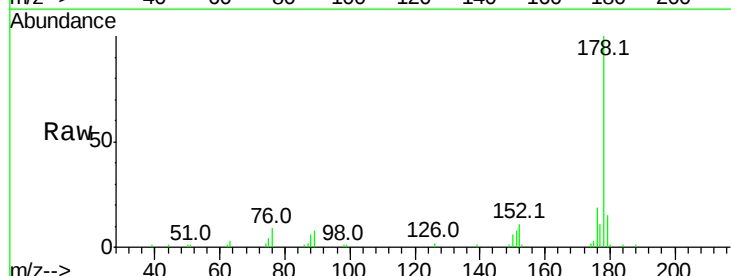


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

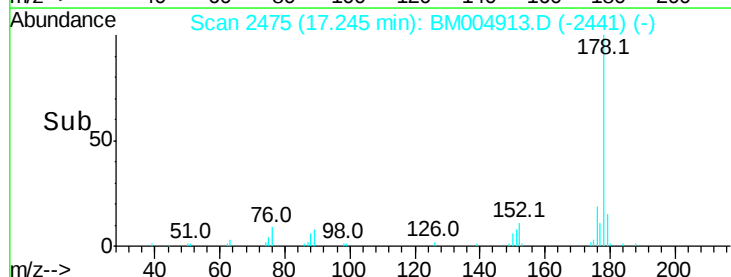
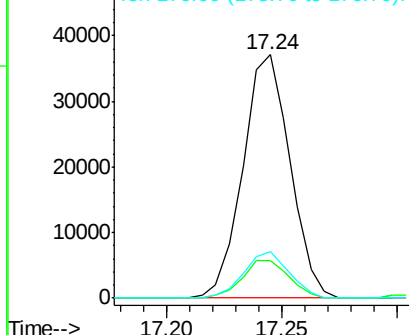


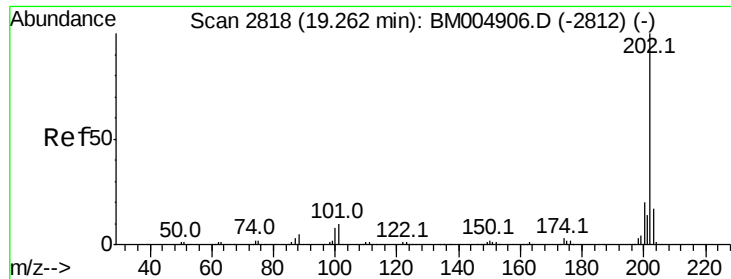
#70
 Phenanthrene
 Concen: 2.76 ng/ul
 RT: 17.24 min Scan# 2475
 Delta R.T. -0.00 min
 Lab File: BM004913.D
 Acq: 06 Apr 2016 20:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	52866		
179	15.4		12.2	18.4
176	19.2		15.6	23.4



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 9.83 ng/ul

RT: 19.26 min Scan# 2817

Delta R.T. -0.00 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Instrument :

BNA_M

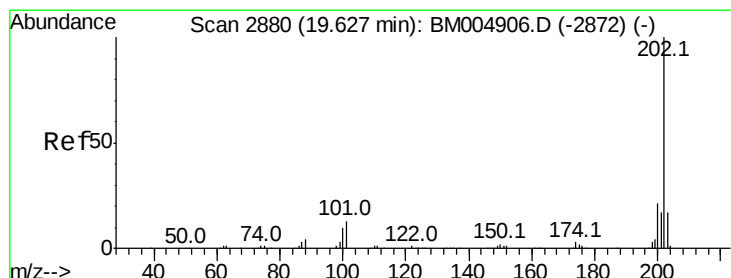
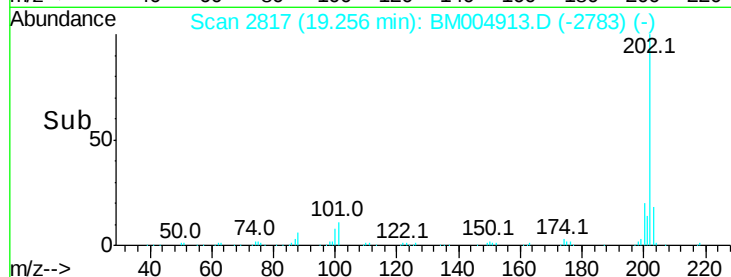
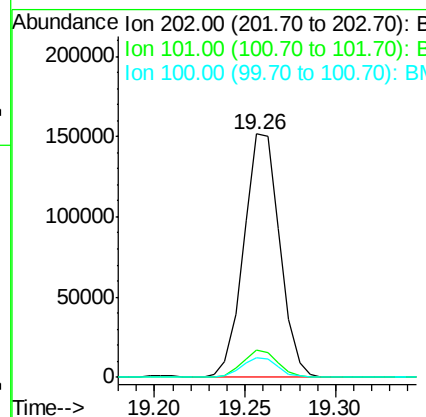
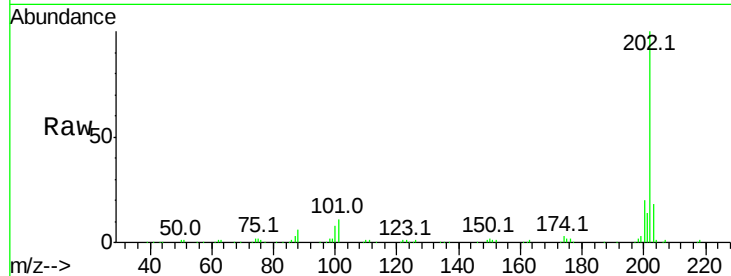
ClientSampleId :

D9SH7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		209001		
101	11.4	8.8	13.2		
100	8.3	6.6	9.8		

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#80

Pyrene

Concen: 25.66 ng/ul

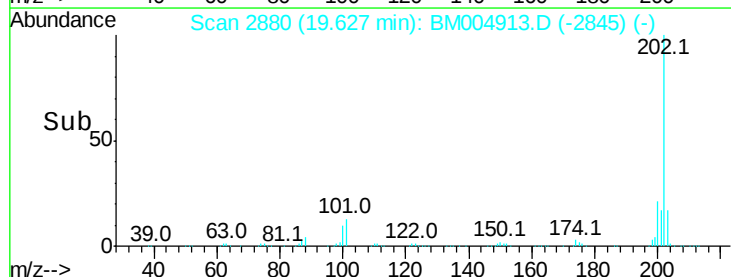
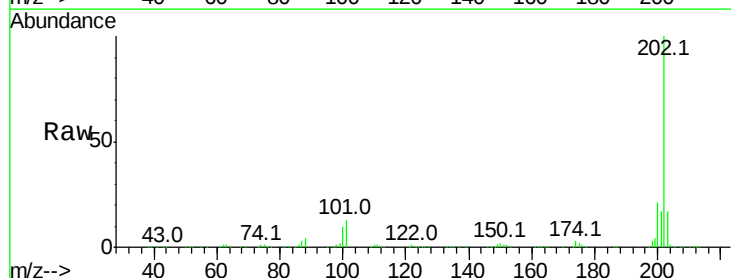
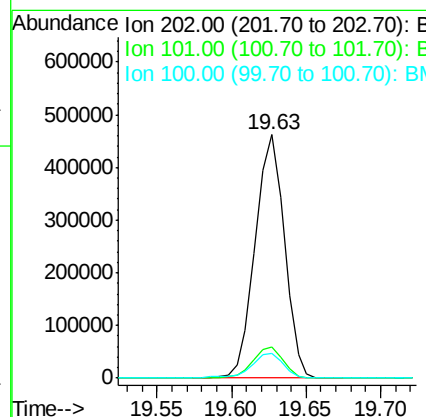
RT: 19.63 min Scan# 2880

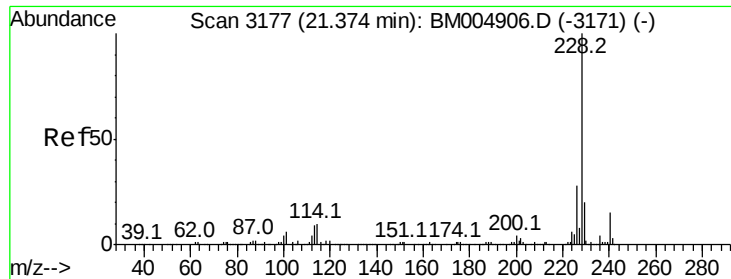
Delta R.T. 0.01 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		626674		
101	12.5	10.2	15.2		
100	10.1	8.5	12.7		





#83

Benzo(a)anthracene

Concen: 3.14 ng/ul

RT: 21.37 min Scan# 3177

Delta R.T. 0.01 min

Lab File: BM004913.D

Acq: 06 Apr 2016 20:17

Instrument :

BNA_M

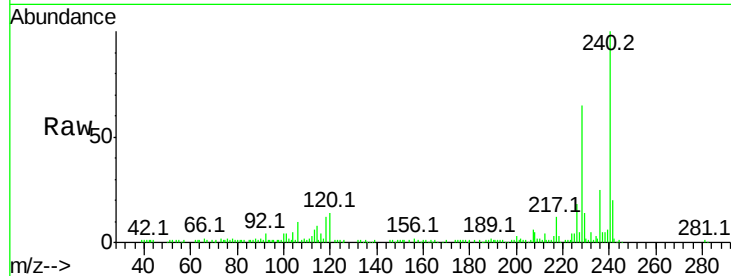
ClientSampleId :

D9SH7MSD

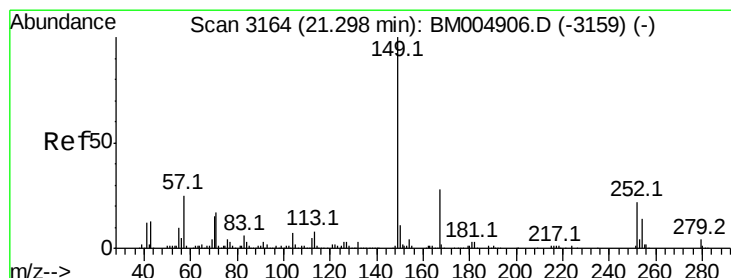
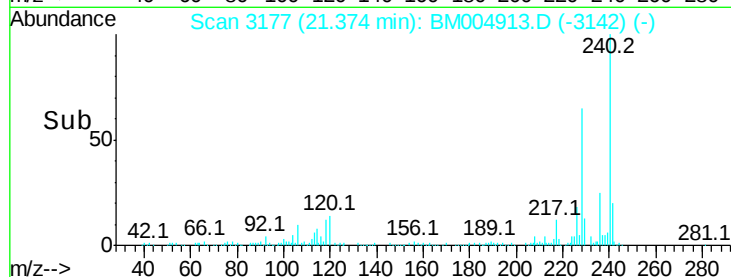
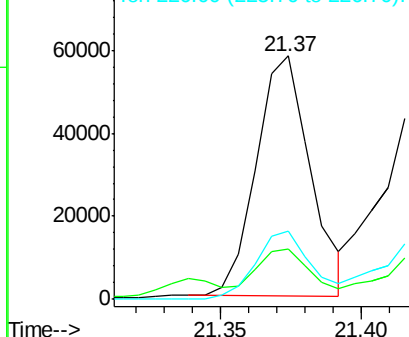
Tot Ion:	228	Resp:	76759
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	27.8	21.8	32.6

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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

Bis(2-ethylhexyl)phthalate

Concen: 1.27 ng/ul

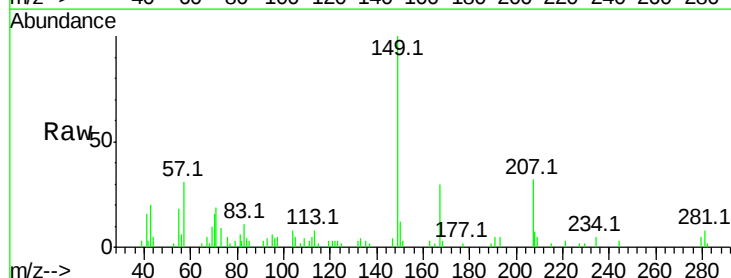
RT: 21.30 min Scan# 3164

Delta R.T. -0.00 min

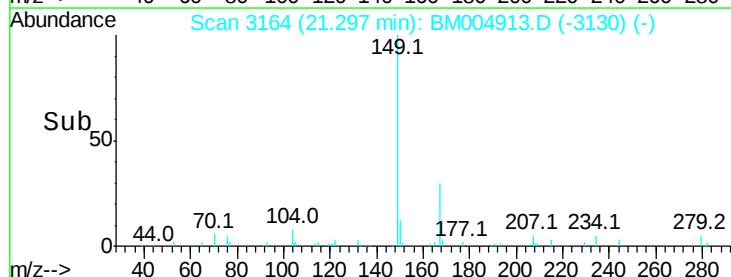
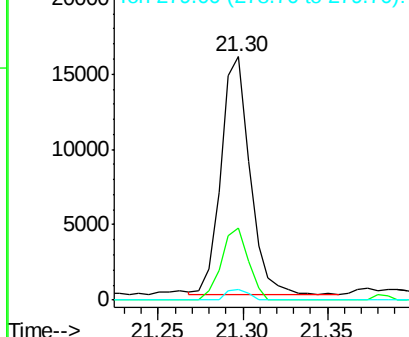
Lab File: BM004913.D

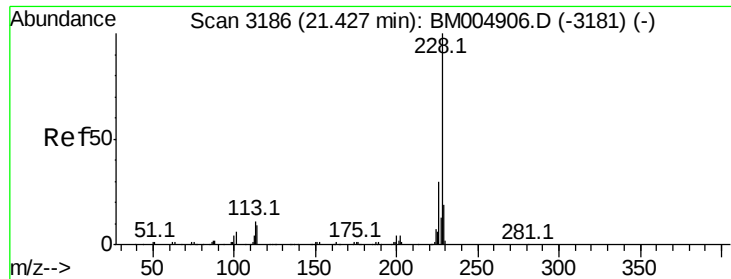
Acq: 06 Apr 2016 20:17

Tgt Ion:	149	Resp:	18811
Ion Ratio	Lower	Upper	
149	100		
167	29.7	21.6	32.4
279	4.6	3.0	4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





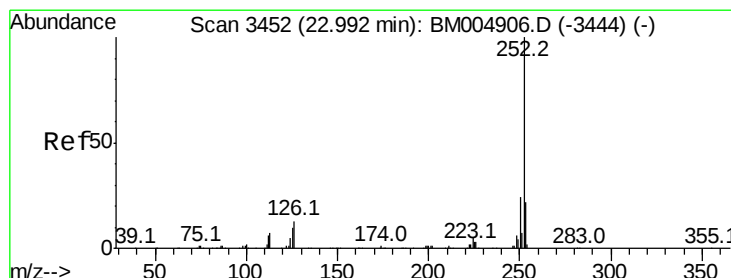
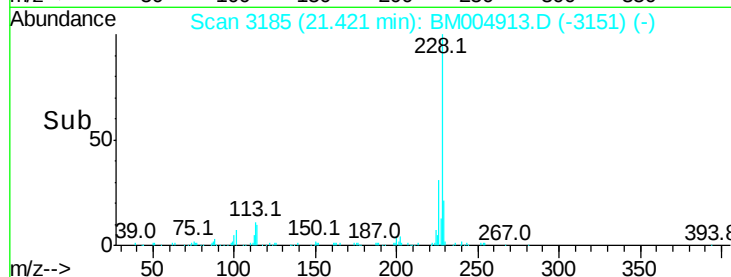
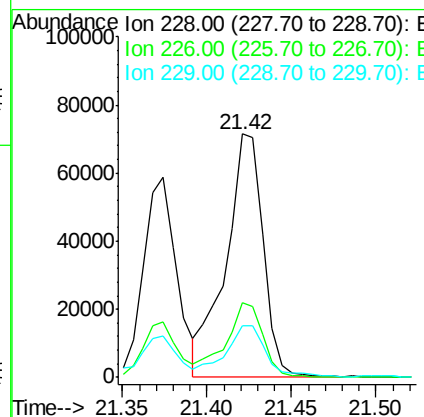
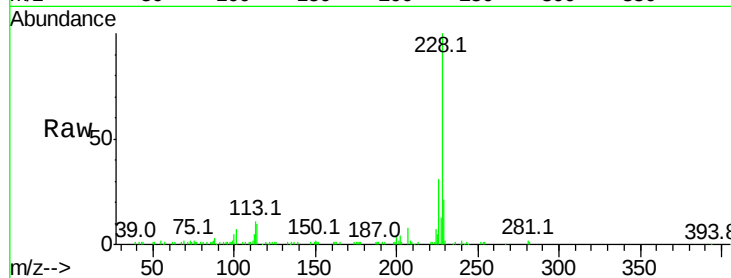
#85
Chrysene
Concen: 4.74 ng/ul
RT: 21.42 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.4	15.6	23.4

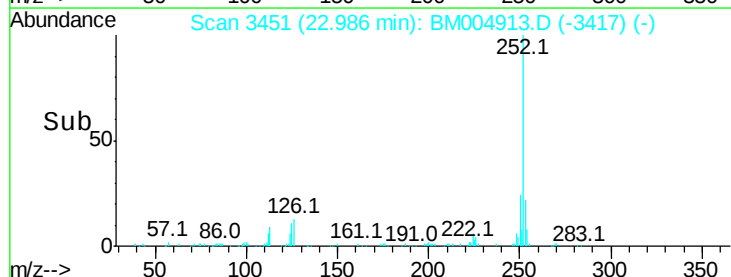
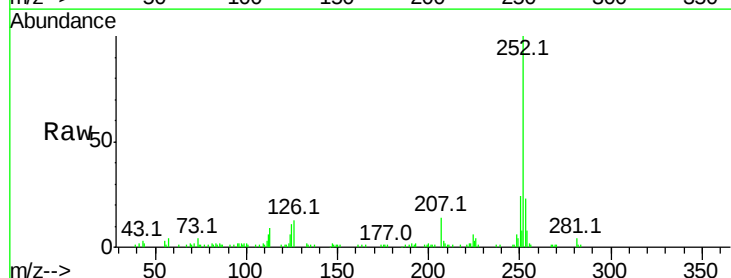
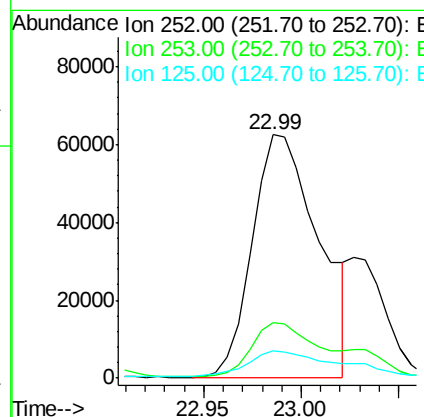
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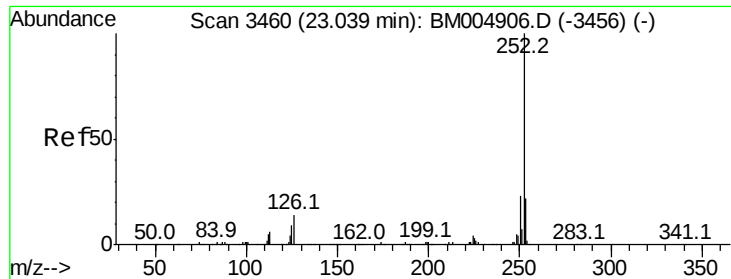
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#88
Benzo(b)fluoranthene
Concen: 6.72 ng/ul
RT: 22.99 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.1	8.5	12.7





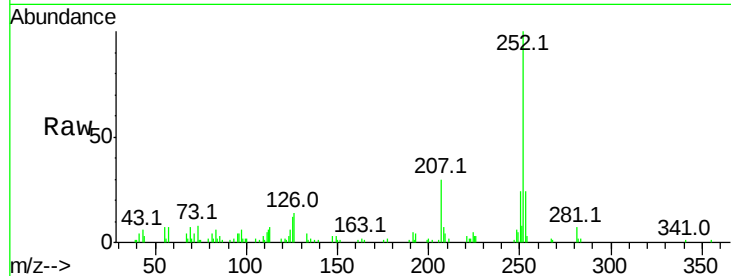
#89
Benzo(k)fluoranthene
Concen: 1.93 ng/ul m
RT: 23.03 min Scan# 3458
Delta R.T. -0.01 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

Instrument :
BNA_M
ClientSampleId :
D9SH7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.3	25.9
125	11.8	8.2	12.2

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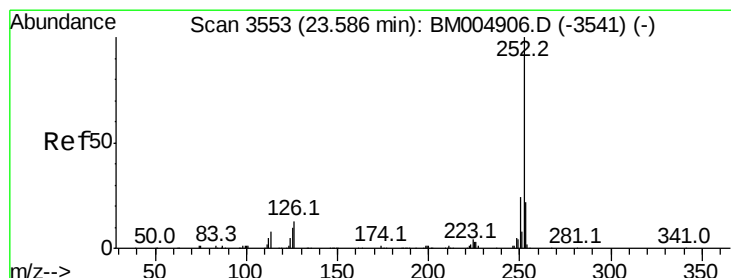
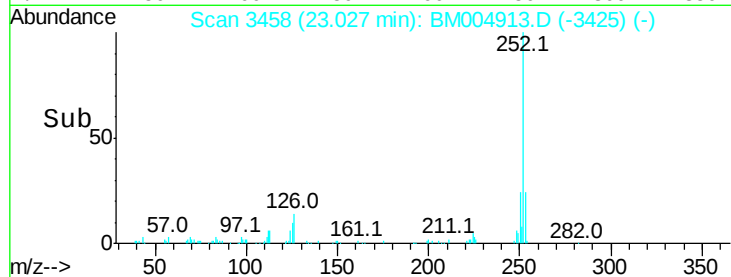
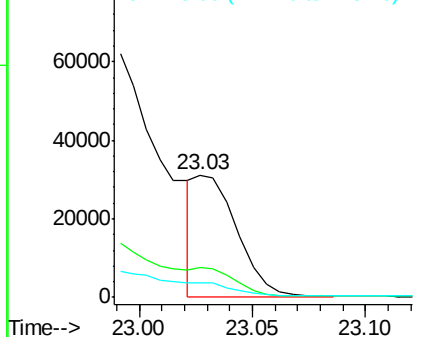


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(a)pyrene
Concen: 3.58 ng/ul
RT: 23.58 min Scan# 3552
Delta R.T. -0.00 min
Lab File: BM004913.D
Acq: 06 Apr 2016 20:17

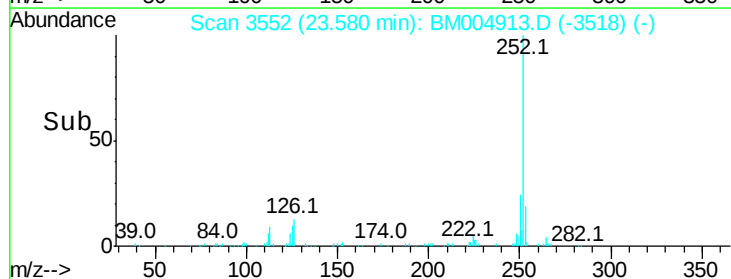
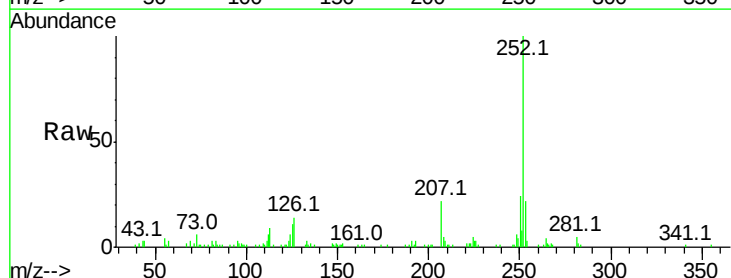
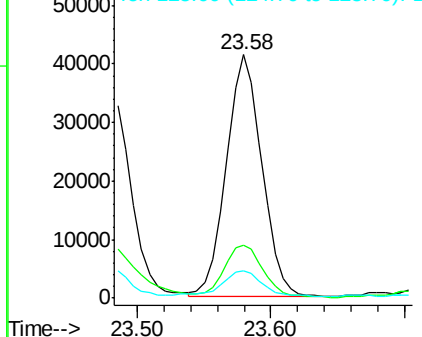
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	11.2	9.0	13.6

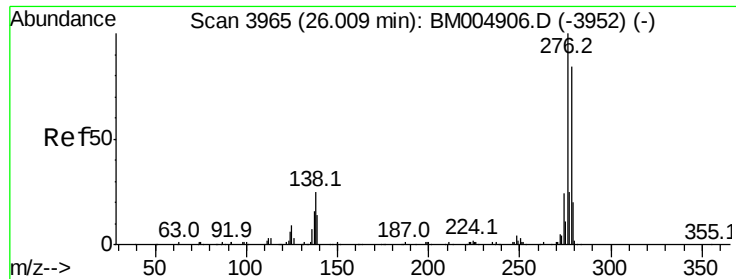
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





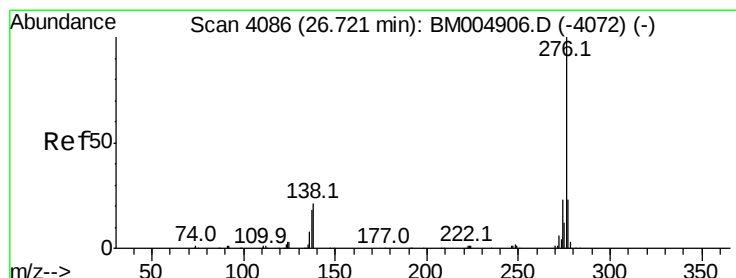
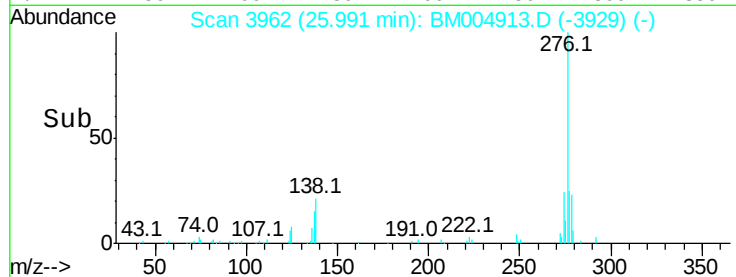
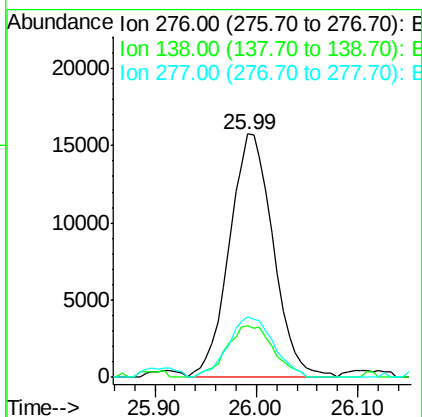
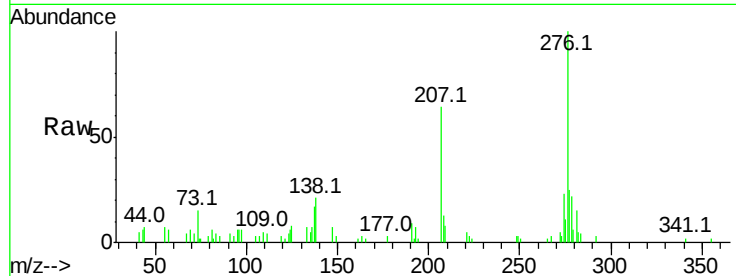
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.85 ng/ul
 RT: 25.99 min Scan# 3962
 Delta R.T. -0.01 min
 Lab File: BM004913.D
 Acq: 06 Apr 2016 20:17

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	22.3	33.5#
277	24.7	20.2	30.2

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#94
 Benzo(g,h,i)perylene
 Concen: 2.00 ng/ul
 RT: 26.71 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: BM004913.D
 Acq: 06 Apr 2016 20:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.9	28.3
277	24.6	19.2	28.8

