

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM011518\
 Data File : BM013591.D
 Acq On : 15 Jan 2018 18:44
 Operator : SJ/JU
 Sample : J1079-12MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MSD

Quant Time: Jan 16 03:44:42 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 16 03:03:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141643	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	538069	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	285161	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	645555	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	700839	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	698967	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	22817	6.37	ng/uL	0.00
5) Phenol-d5	6.80	99	383405	35.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	234592	35.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	318188	35.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	300963	36.00	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	153903	36.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	160845	36.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	296843	34.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	359093	48.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	851108	36.21	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1116064	37.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	121224	31.74	ng/ul	0.00
57) Fluorene-d10	15.27	176	735804	35.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	110253	28.37	ng/ul	0.00
70) Anthracene-d10	17.12	188	1105492	35.16	ng/ul	0.00
76) Pyrene-d10	19.42	212	1212738	37.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	1210549	37.68	ng/ul	0.00

Target Compounds

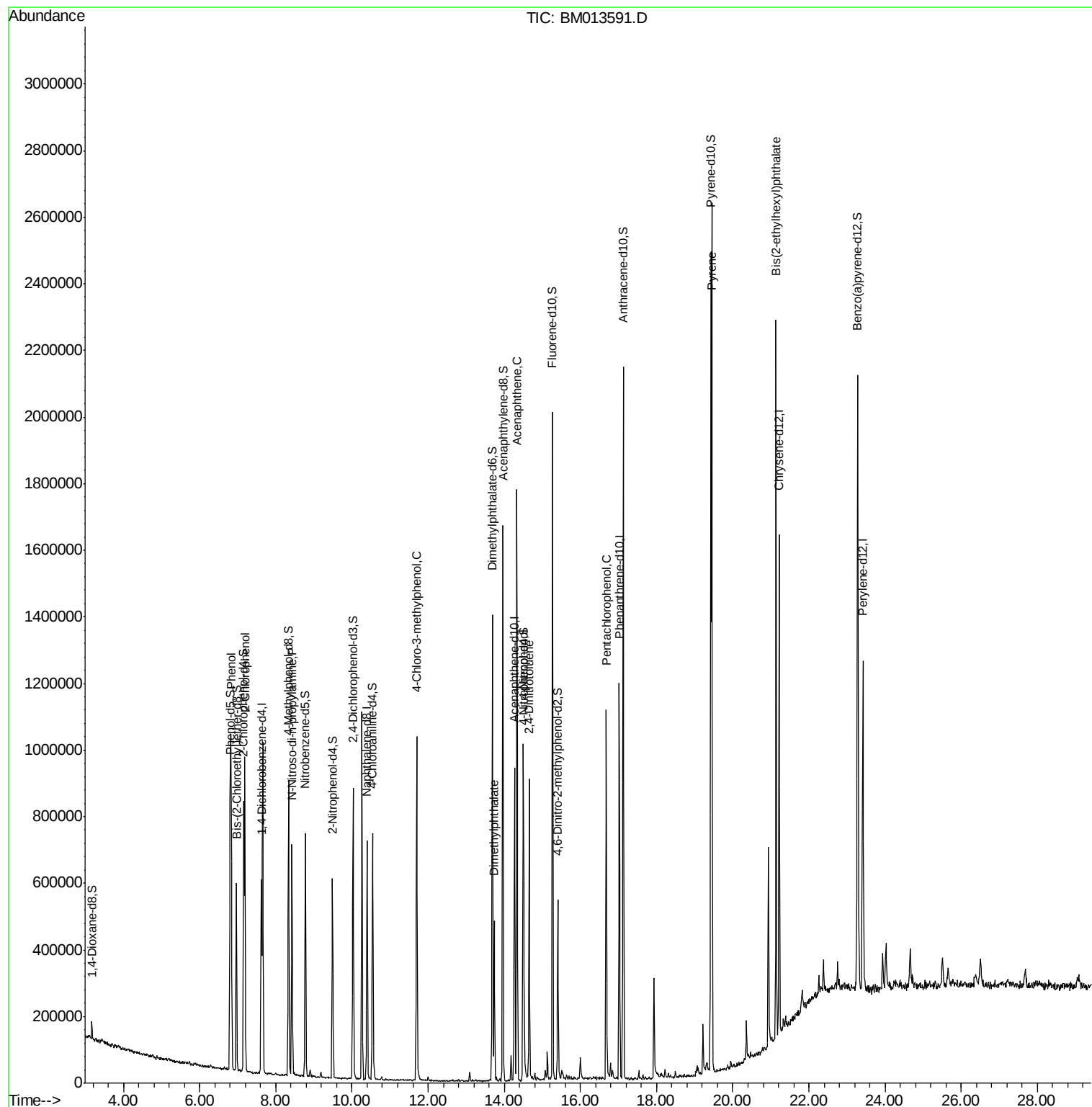
					Qvalue	
6) Phenol	6.83	94	494253	45.318	ng/ul#	84
10) 2-Chlorophenol	7.19	128	372415	42.172	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	232883	34.508	ng/ul#	68
33) 4-Chloro-3-methylphenol	11.70	107	336397	40.402	ng/ul	93
44) Dimethylphthalate	13.73	163	280148	12.123	ng/ul#	99
49) Acenaphthene	14.33	153	679678	35.789	ng/ul	100
52) 4-Nitrophenol	14.51	109	154665	39.862	ng/ul#	82
54) 2,4-Dinitrotoluene	14.66	165	225090	34.483	ng/ul	89
68) Pentachlorophenol	16.67	266	181178	41.542	ng/ul	94
77) Pyrene	19.45	202	1511970	35.487	ng/ul#	92
81) Bis(2-ethylhexyl)phthalate	21.14	149	686908	30.505	ng/ul#	99

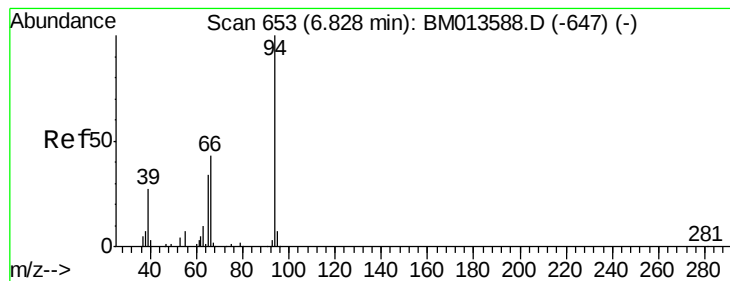
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 45.318 ng/ul

RT: 6.83 min Scan# 654

Delta R.T. 0.01 min

Lab File: BM013591.D

Acq: 15 Jan 2018 18:44

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

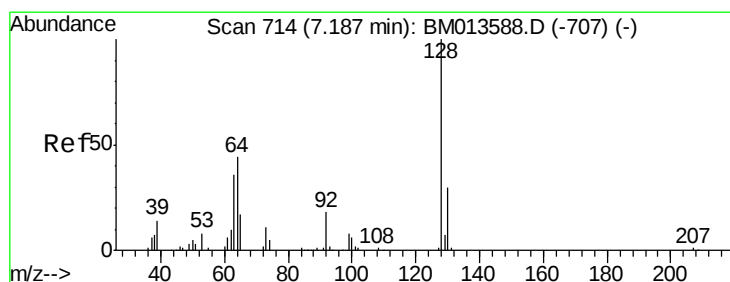
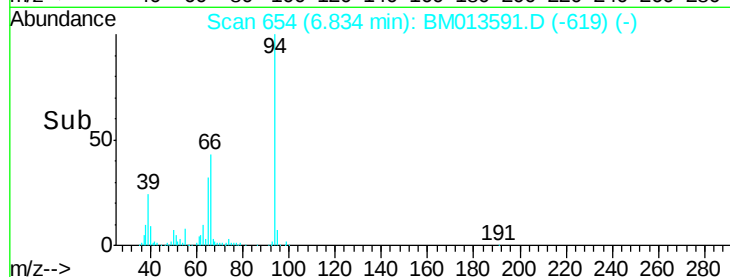
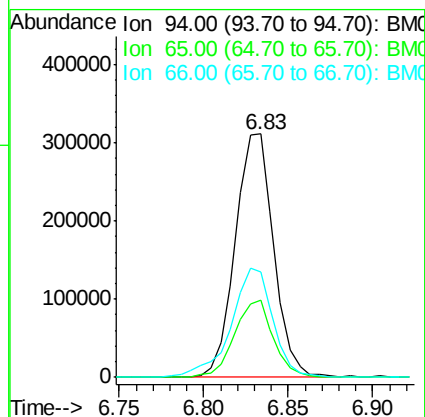
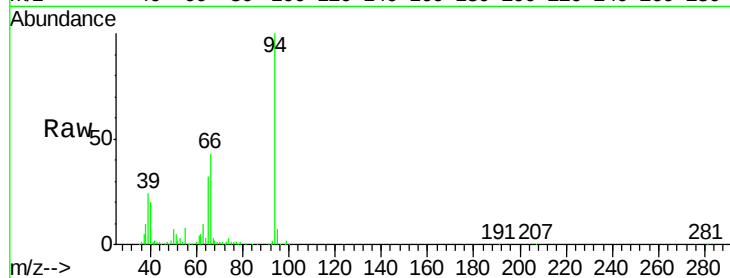
Tgt Ion: 94 Resp: 494253

Ion Ratio Lower Upper

94 100

65 31.8 28.2 42.4

66 43.1 47.2 70.8#



#10

2-Chlorophenol

Concen: 42.172 ng/ul

RT: 7.19 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM013591.D

Acq: 15 Jan 2018 18:44

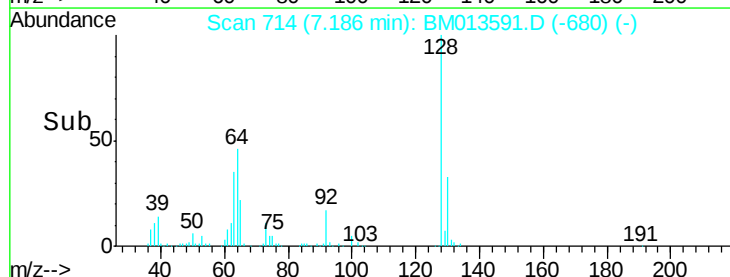
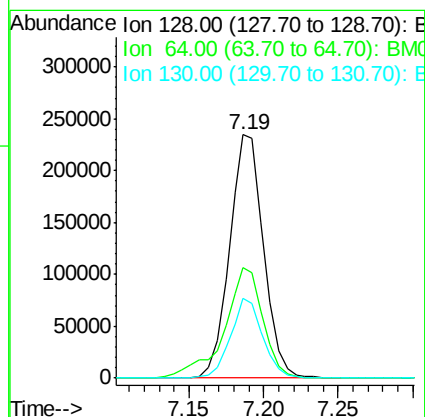
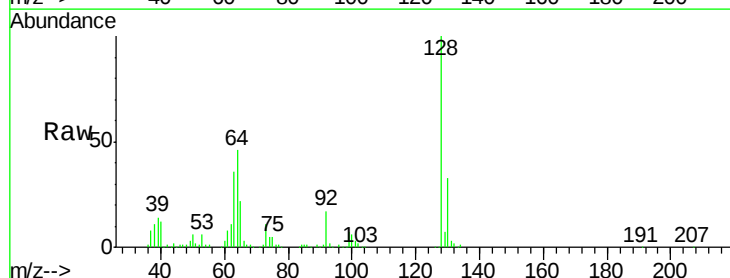
Tgt Ion: 128 Resp: 372415

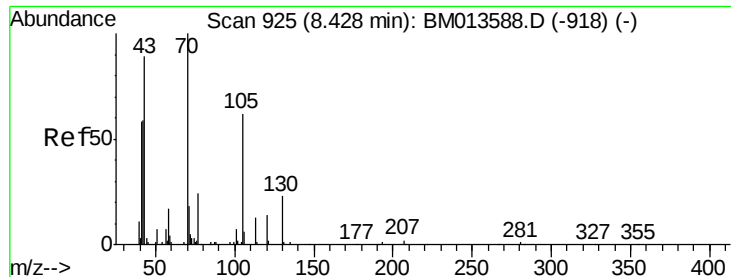
Ion Ratio Lower Upper

128 100

64 45.5 38.0 57.0

130 32.8 24.4 36.6

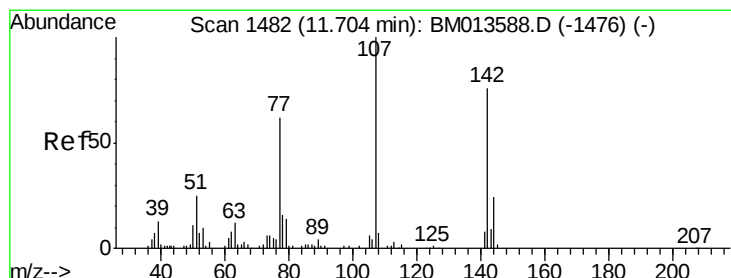
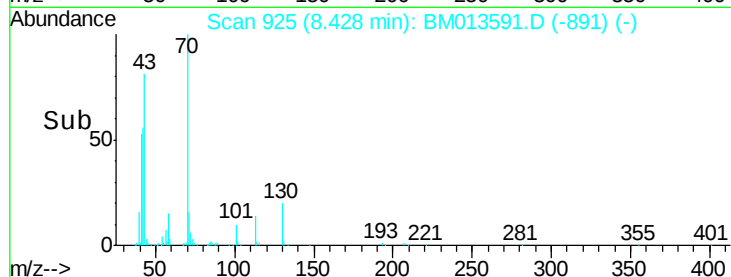
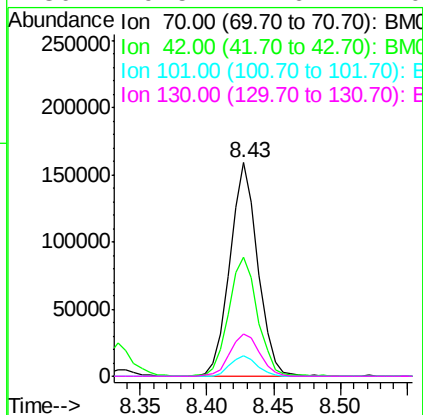
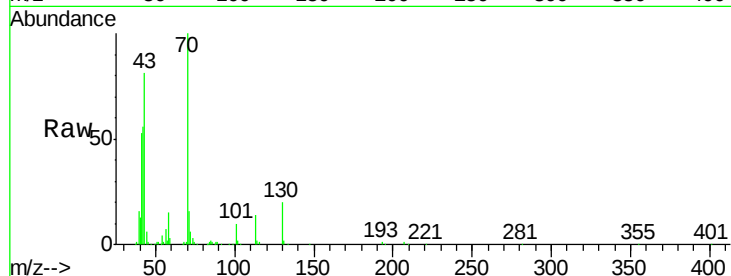




#15
N-Nitroso-di-n-propylamine
Concen: 34.508 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BM013591.D
Acq: 15 Jan 2018 18:44

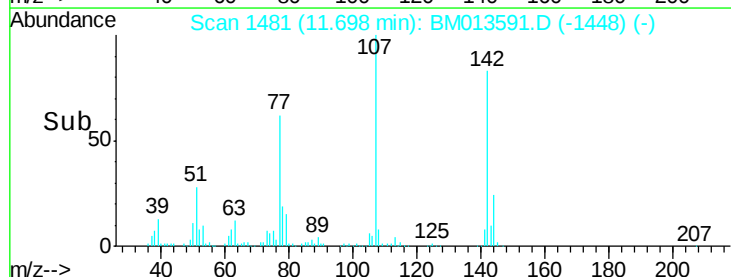
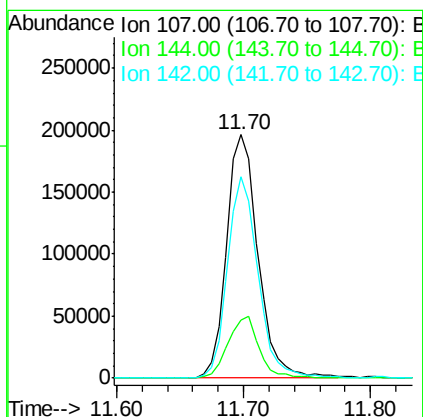
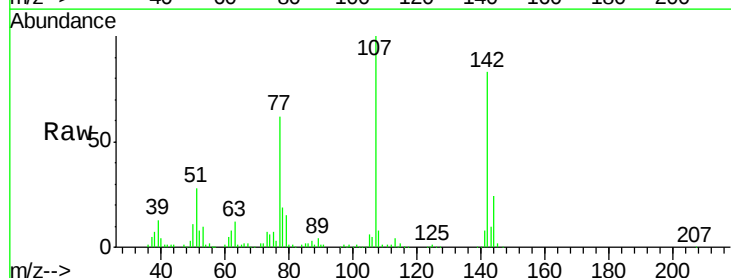
Instrument :
BNA_M
ClientSampleId :
DAJK1MSD

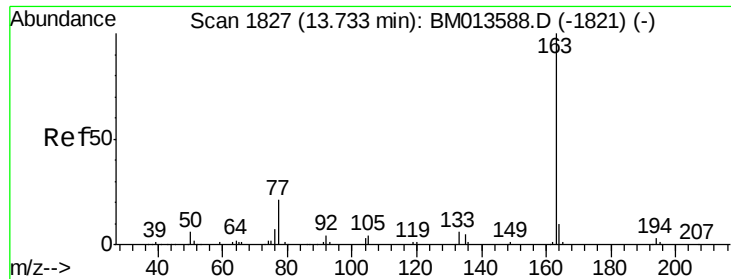
Tgt Ion: 70 Resp: 232883
Ion Ratio Lower Upper
70 100
42 55.8 76.0 114.0#
101 9.7 6.7 10.1
130 19.5 14.6 22.0



#33
4-Chloro-3-methylphenol
Concen: 40.402 ng/ul
RT: 11.70 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BM013591.D
Acq: 15 Jan 2018 18:44

Tgt Ion: 107 Resp: 336397
Ion Ratio Lower Upper
107 100
144 24.0 20.4 30.6
142 82.8 60.5 90.7

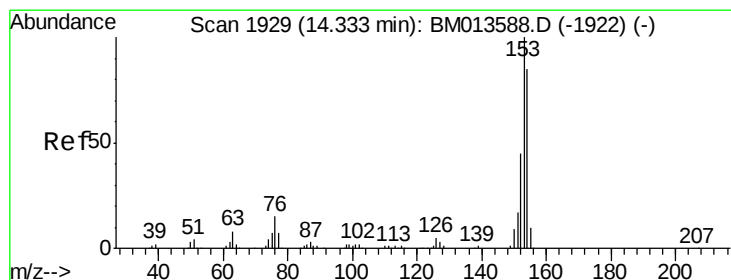
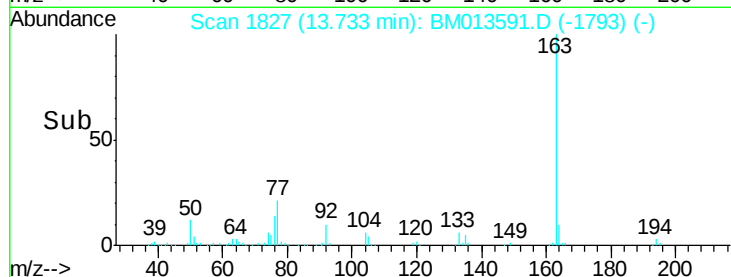
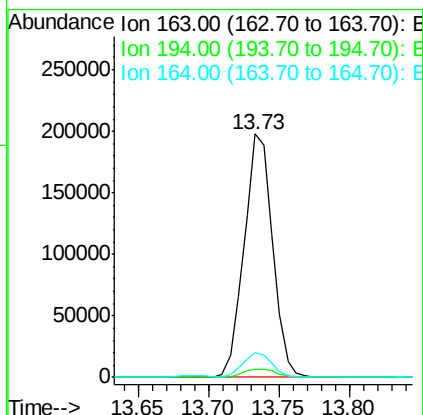
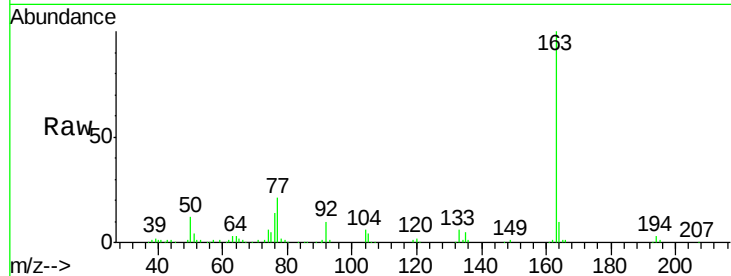




#44
Dimethylphthalate
Concen: 12.123 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM013591.D
Acq: 15 Jan 2018 18:44

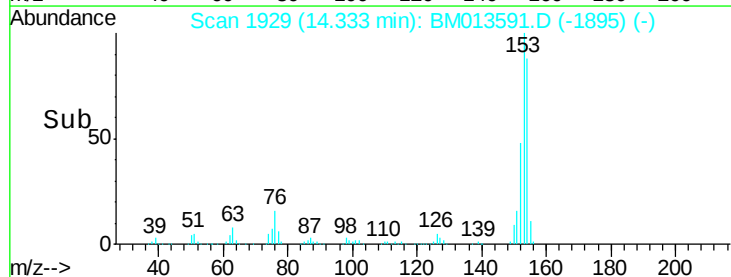
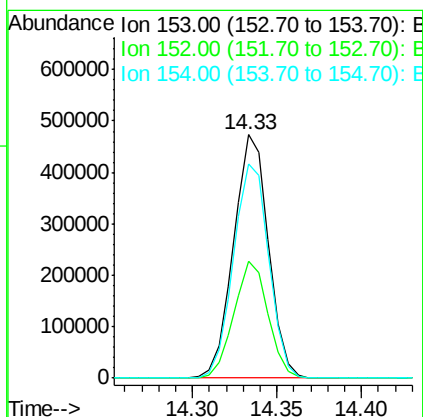
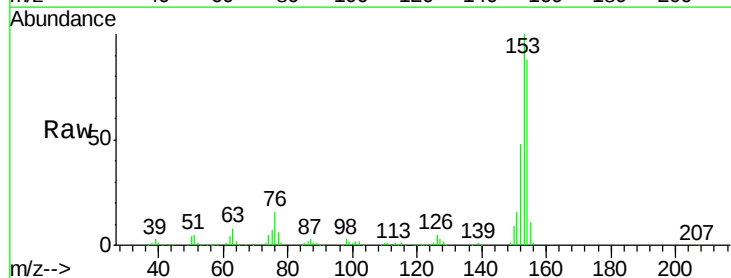
Instrument :
BNA_M
ClientSampleId :
DAJK1MSD

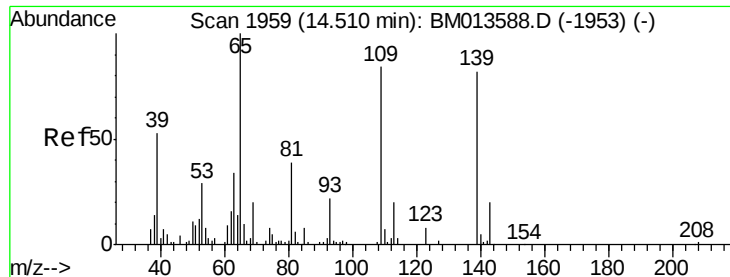
Tgt Ion:163 Resp: 280148
Ion Ratio Lower Upper
163 100
194 3.5 3.5 5.3#
164 10.2 8.2 12.4



#49
Acenaphthene
Concen: 35.789 ng/ul
RT: 14.33 min Scan# 1929
Delta R.T. -0.00 min
Lab File: BM013591.D
Acq: 15 Jan 2018 18:44

Tgt Ion:153 Resp: 679678
Ion Ratio Lower Upper
153 100
152 47.8 37.6 56.4
154 87.9 70.4 105.6





#52

4-Nitrophenol

Concen: 39.862 ng/ul

RT: 14.51 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BM013591.D

Acq: 15 Jan 2018 18:44

Instrument :

BNA_M

ClientSampleId :

DAJK1MSD

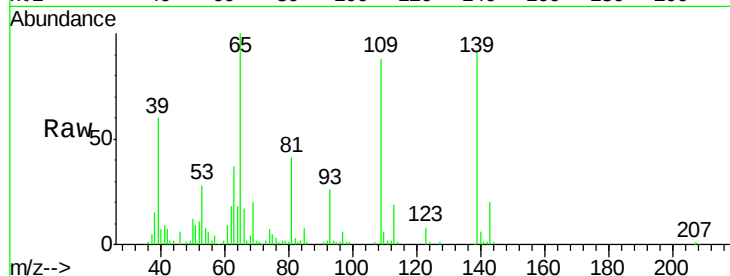
Tgt Ion:109 Resp: 154665

Ion Ratio Lower Upper

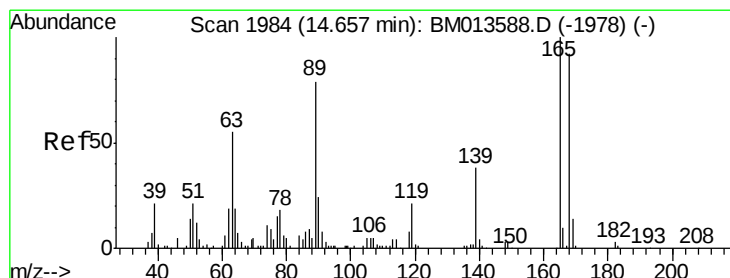
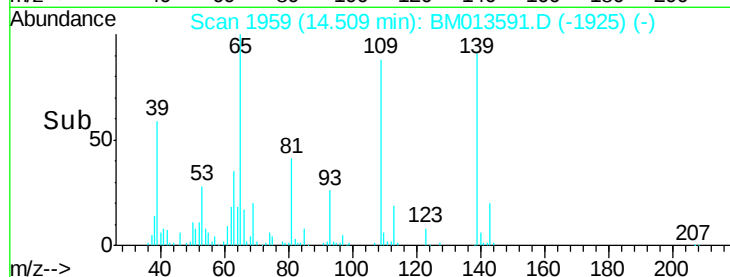
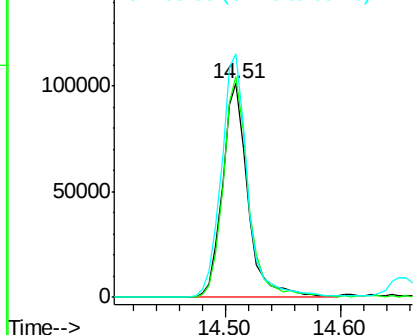
109 100

139 103.0 80.0 120.0

65 113.7 120.0 180.0#



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): BM0



#54

2,4-Dinitrotoluene

Concen: 34.483 ng/ul

RT: 14.66 min Scan# 1984

Delta R.T. -0.00 min

Lab File: BM013591.D

Acq: 15 Jan 2018 18:44

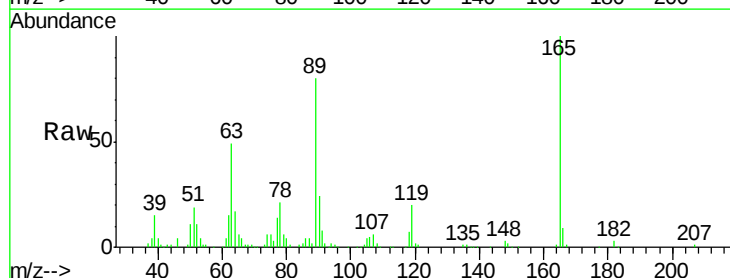
Tgt Ion:165 Resp: 225090

Ion Ratio Lower Upper

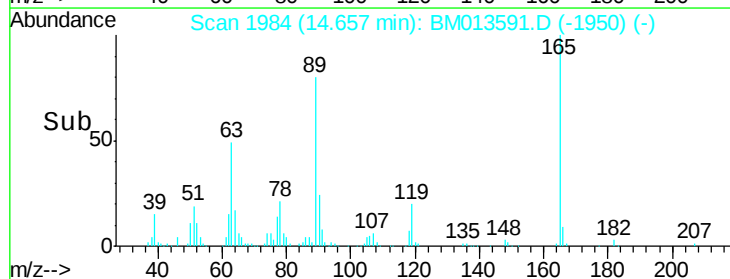
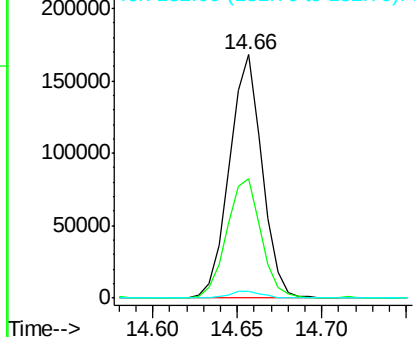
165 100

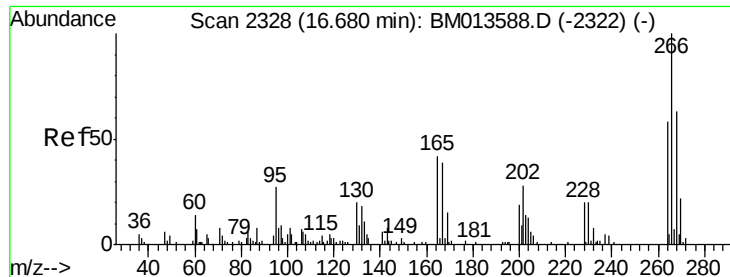
63 49.1 45.8 68.8

182 2.9 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 182.00 (181.70 to 182.70): E

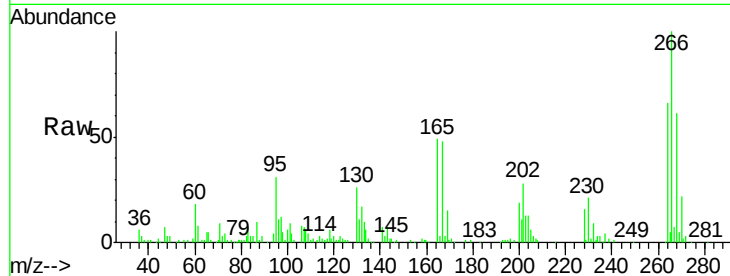




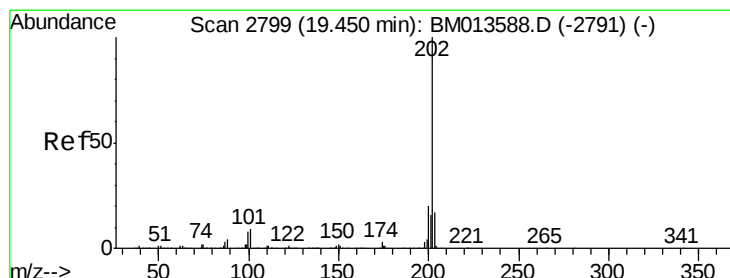
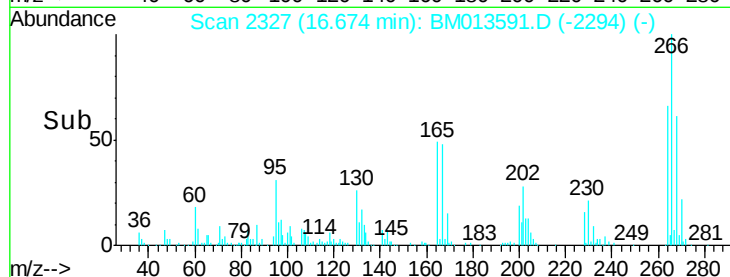
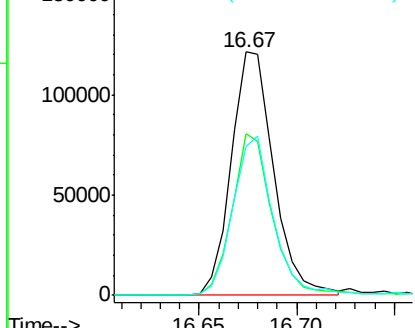
#68
 Pentachlorophenol
 Concen: 41.542 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. -0.01 min
 Lab File: BM013591.D
 Acq: 15 Jan 2018 18:44

Instrument :
 BNA_M
 ClientSampleId :
 DAJK1MSD

Tgt Ion:266 Resp: 181178
 Ion Ratio Lower Upper
 266 100
 264 66.5 49.3 73.9
 268 61.1 52.6 78.8

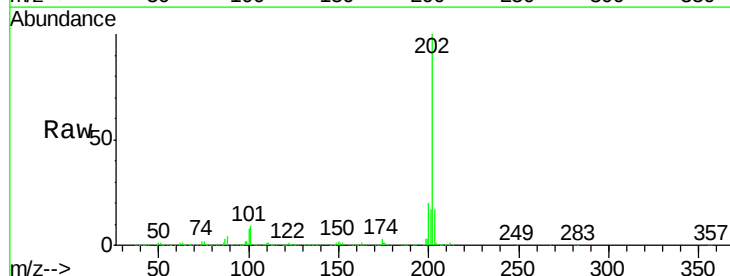


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

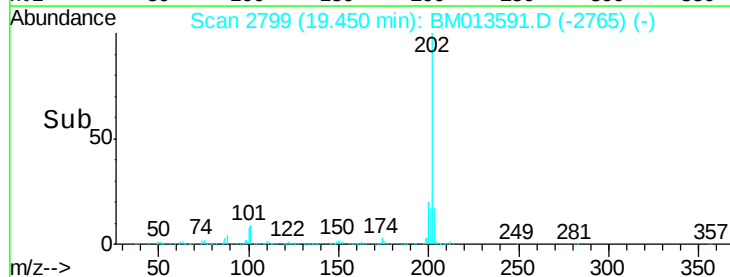
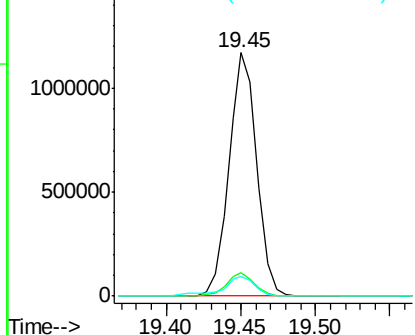


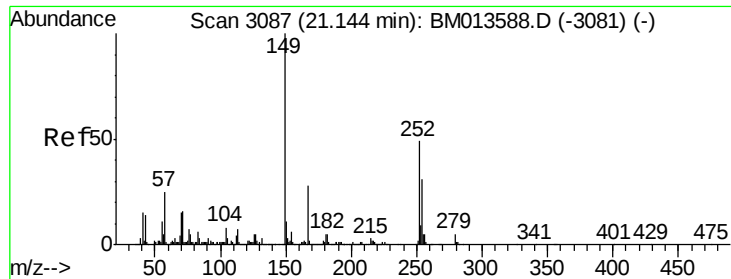
#77
 Pyrene
 Concen: 35.487 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BM013591.D
 Acq: 15 Jan 2018 18:44

Tgt Ion:202 Resp: 1511970
 Ion Ratio Lower Upper
 202 100
 101 9.4 5.1 7.7#
 100 8.2 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B





#81
 Bis(2-ethylhexyl)phthalate
 Concen: 30.505 ng/ul
 RT: 21.14 min Scan# 3086
 Delta R.T. -0.01 min
 Lab File: BM013591.D
 Acq: 15 Jan 2018 18:44

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Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	4.9	4.9	7.3

