

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092418\
 Data File : BM016879.D
 Acq On : 24 Sep 2018 16:44
 Operator : SJ/JU
 Sample : J5014-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 25 04:05:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 25 04:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	246756	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1051449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	605325	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1330601	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1476259	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	1568129	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	29470	5.11	ng/uL	0.00
5) Phenol-d5	6.89	99	127297	6.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	314902	24.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	360477	21.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	223708	13.89	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	212913	30.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	215823	34.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	408382	25.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	5016	0.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1327687	27.32	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1579911	25.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	53164	6.66	ng/ul	0.00
58) Fluorene-d10	15.35	176	1181291	27.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	178304	32.64	ng/ul	0.00
71) Anthracene-d10	17.20	188	1813118	28.24	ng/ul	0.00
79) Pyrene-d10	19.50	212	2073097	28.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.38	264	2308136	28.22	ng/ul	0.00

Target Compounds

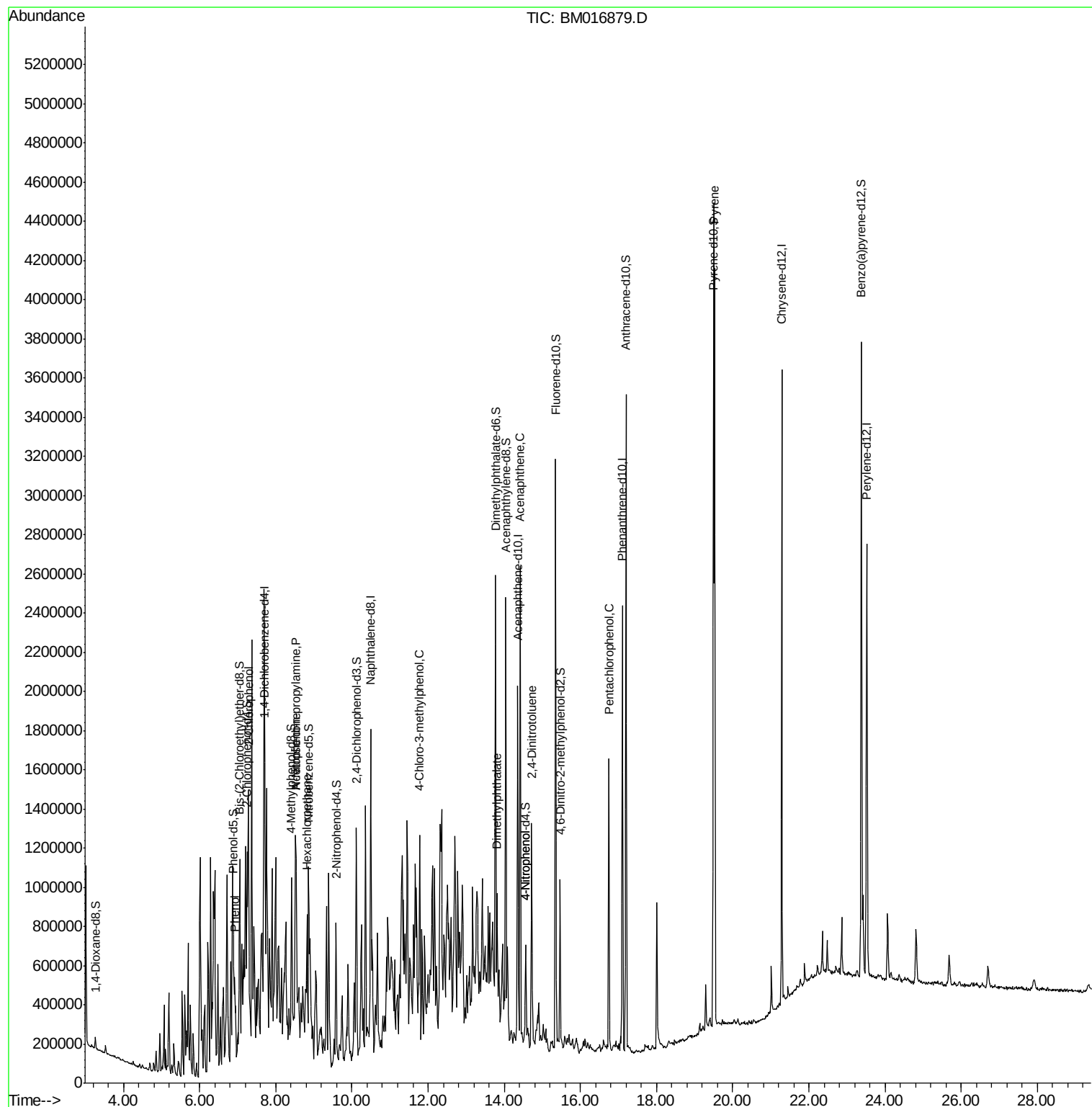
					Ovalue
6) Phenol	6.92	94	186344	8.969	ng/ul 97
10) 2-Chlorophenol	7.28	128	318086	18.644	ng/ul 97
14) Acetophenone	8.51	105	95726	3.835	ng/ul# 36
15) N-Nitroso-di-n-propylamine	8.52	70	292553	23.422	ng/ul 98
17) Hexachloroethane	8.82	117	49486	7.385	ng/ul# 1
33) 4-Chloro-3-methylphenol	11.78	107	359488	22.366	ng/ul 94
45) Dimethylphthalate	13.82	163	344892	7.261	ng/ul 99
50) Acenaphthene	14.42	153	1004853	23.820	ng/ul 99
53) 4-Nitrophenol	14.57	109	37339	6.075	ng/ul 90
55) 2,4-Dinitrotoluene	14.72	165	320957	29.917	ng/ul 98
69) Pentachlorophenol	16.75	266	267471	30.529	ng/ul 98
80) Pyrene	19.53	202	2361437	26.051	ng/ul# 88

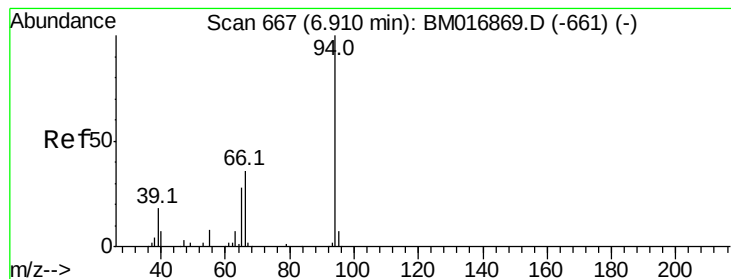
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 25 04:03:47 2018
Response via : Initial Calibration





#6

Phenol

Concen: 8.969 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Instrument :

BNA_M

ClientSampleId :

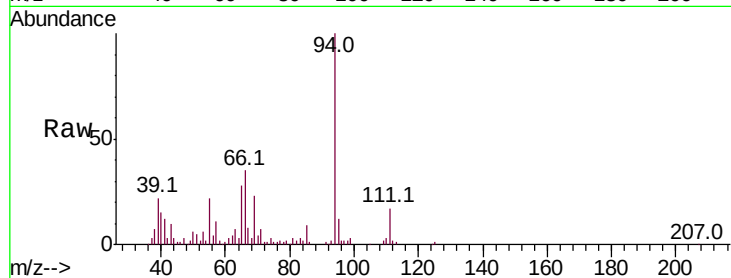
Tot Ion: 94 Resp: 186344

Ion Ratio Lower Upper

94 100

65 28.2 23.0 34.6

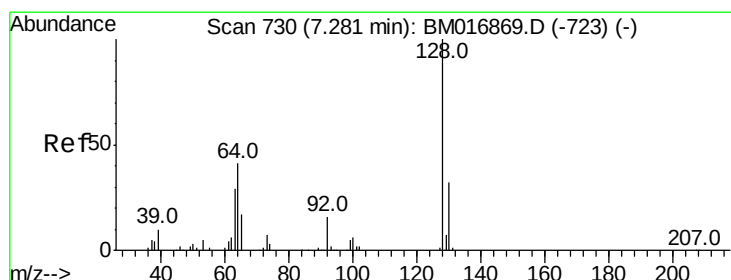
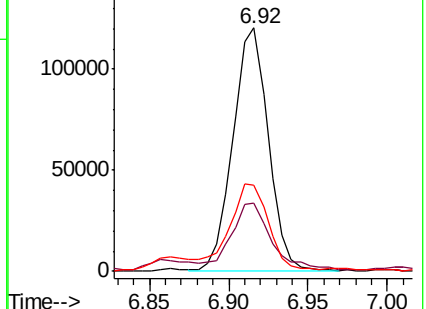
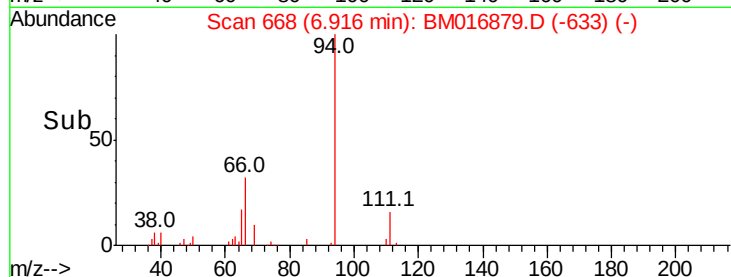
66 35.3 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016879.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016879.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016879.D (-661) (-)



#10

2-Chlorophenol

Concen: 18.644 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

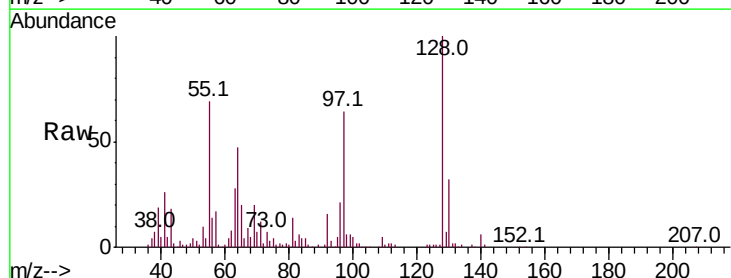
Tgt Ion:128 Resp: 318086

Ion Ratio Lower Upper

128 100

64 46.6 39.8 59.6

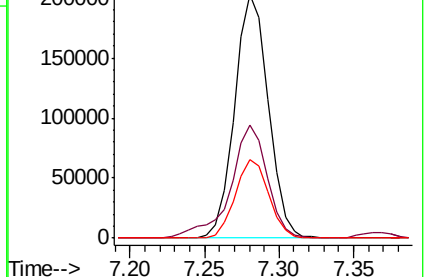
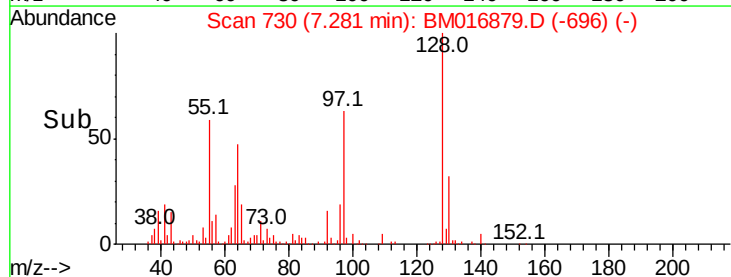
130 32.1 25.8 38.8

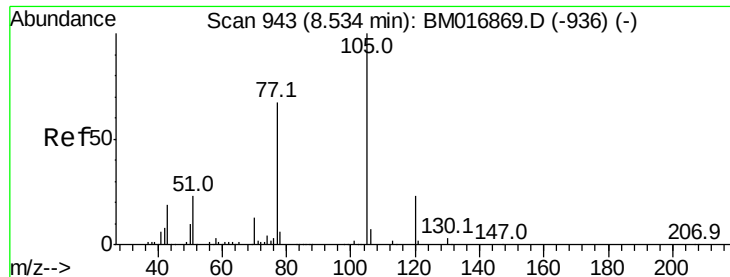


Abundance Ion 128.00 (127.70 to 128.70): BM016879.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM016879.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM016879.D (-696) (-)





#14

Acetophenone

Concen: 3.835 ng/ul

RT: 8.51 min Scan# 939

Delta R.T. -0.02 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Instrument :

BNA_M

ClientSampleId :

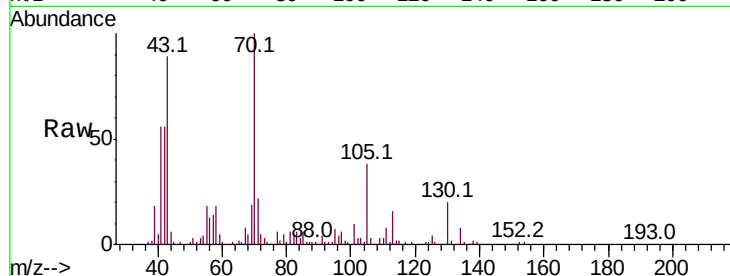
Tot Ion:105 Resp: 95726

Ion Ratio Lower Upper

105 100

77 14.8 63.2 94.8#

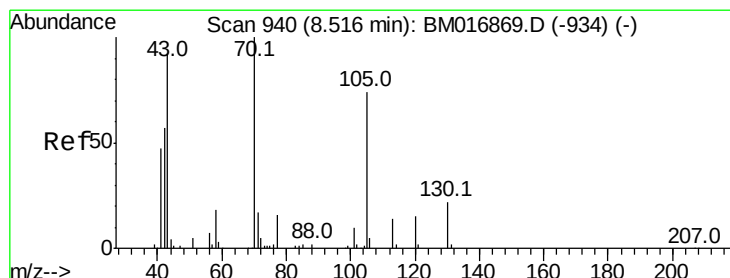
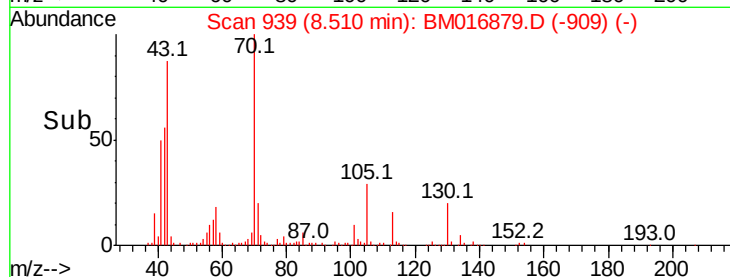
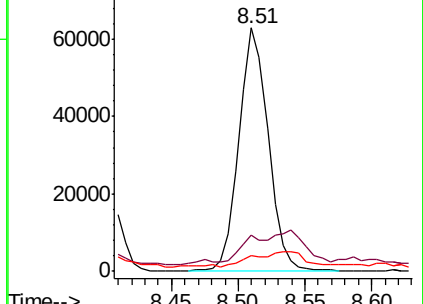
51 6.7 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#15

N-Nitroso-di-n-propylamine

Concen: 23.422 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Tgt Ion: 70 Resp: 292553

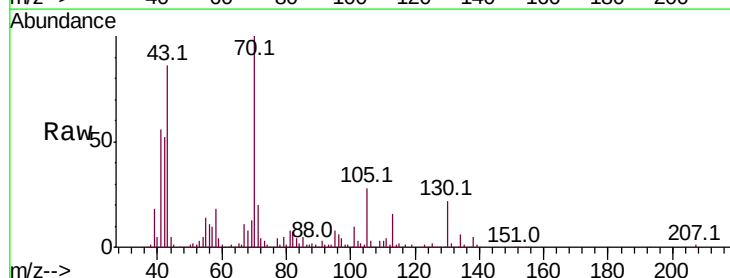
Ion Ratio Lower Upper

70 100

42 52.4 40.2 60.4

101 9.9 7.7 11.5

130 22.2 17.8 26.6

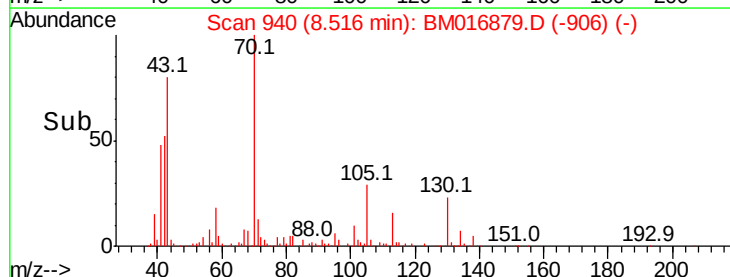
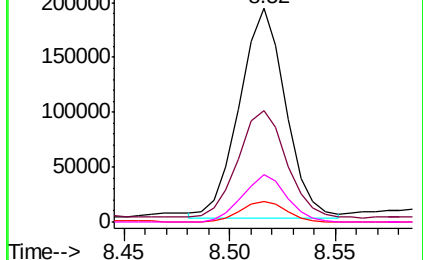


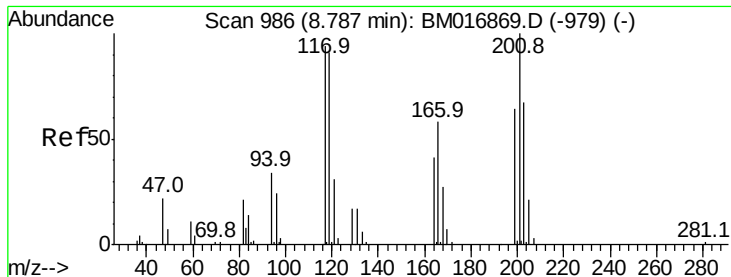
Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#17

Hexachloroethane

Concen: 7.385 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.03 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Instrument :

BNA_M

ClientSampleId :

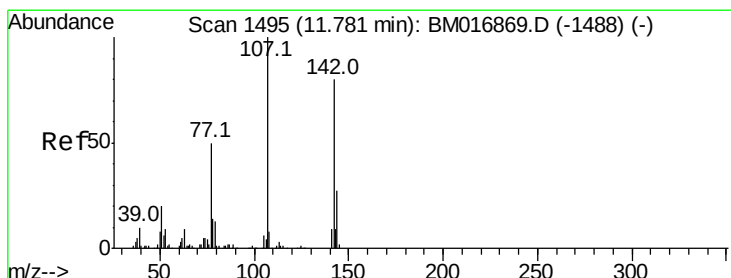
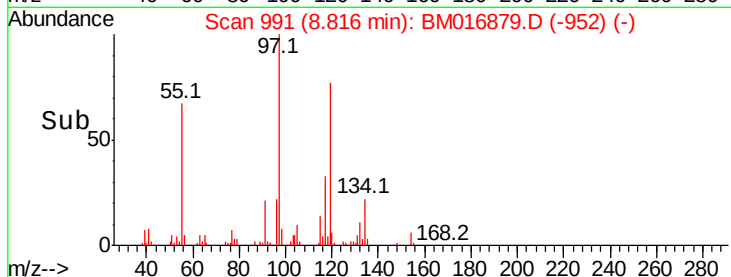
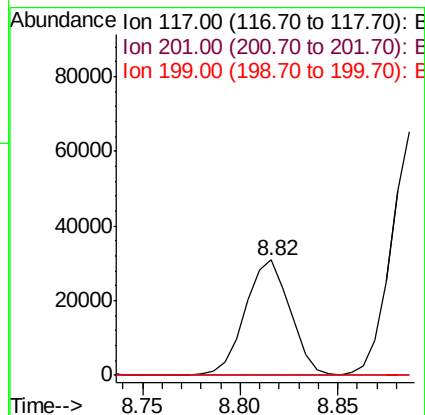
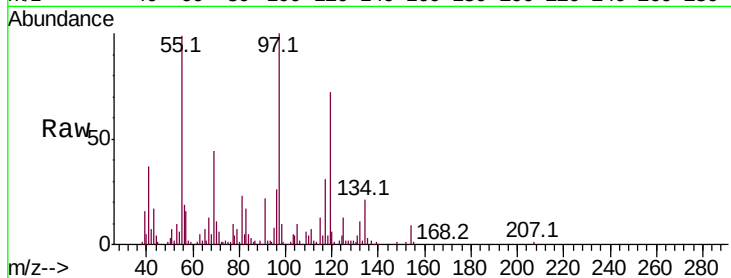
Tot Ion:117 Resp: 49486

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

199 0.0 59.7 89.5#



#33

4-Chloro-3-methylphenol

Concen: 22.366 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

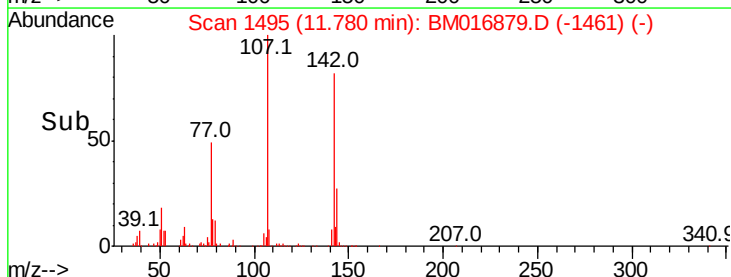
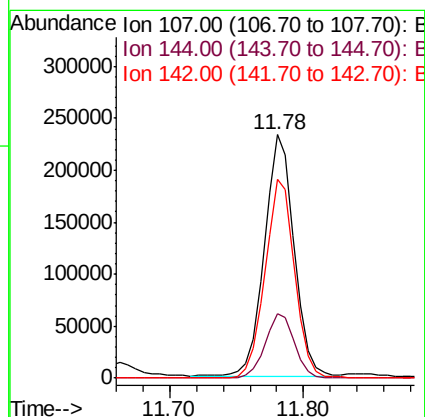
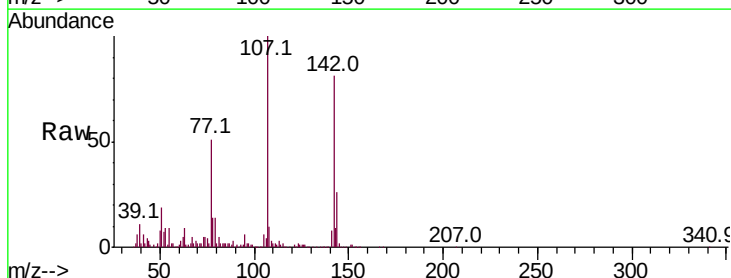
Tgt Ion:107 Resp: 359488

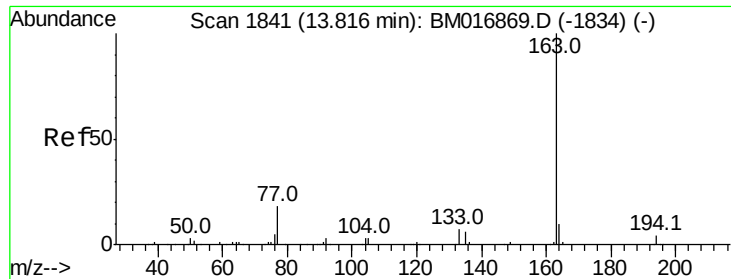
Ion Ratio Lower Upper

107 100

144 26.4 21.1 31.7

142 81.5 60.1 90.1

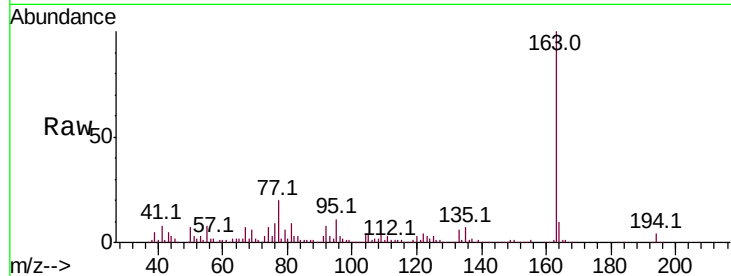




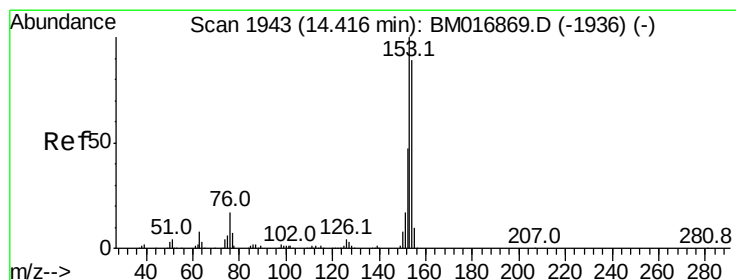
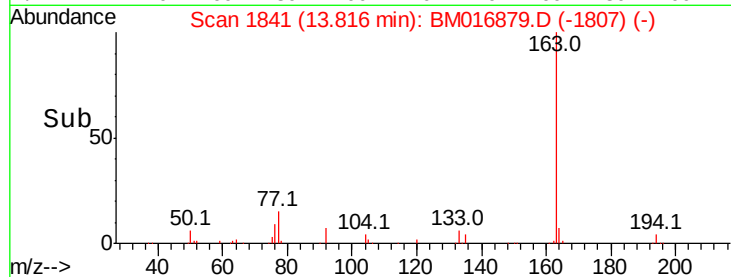
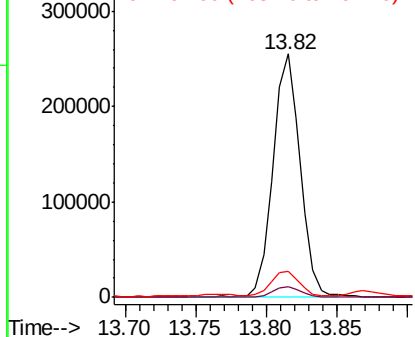
#45
Dimethylphthalate
Concen: 7.261 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM016879.D
Acq: 24 Sep 2018 16:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 344892
Ion Ratio Lower Upper
163 100
194 4.3 4.0 6.0
164 10.4 8.4 12.6

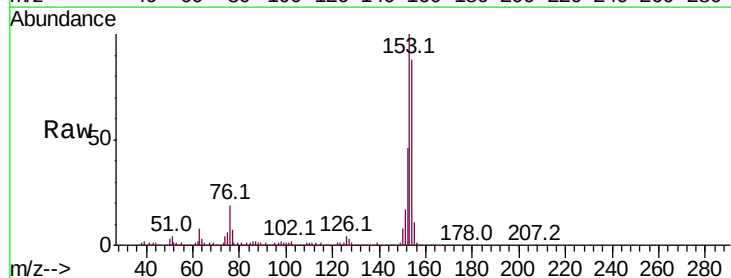


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

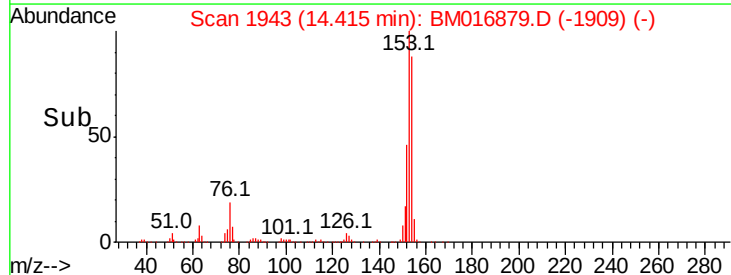
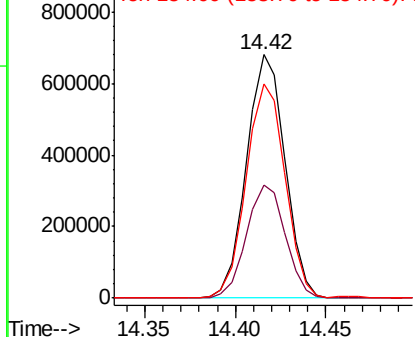


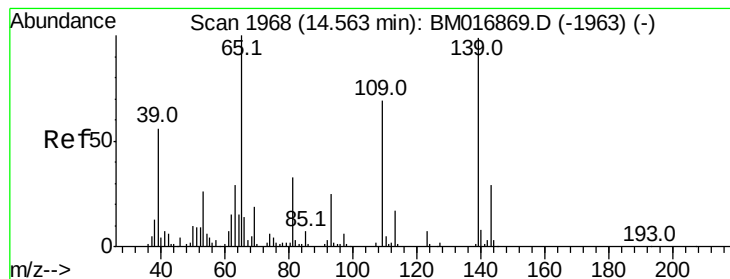
#50
Acenaphthene
Concen: 23.820 ng/ul
RT: 14.42 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BM016879.D
Acq: 24 Sep 2018 16:44

Tgt Ion:153 Resp: 1004853
Ion Ratio Lower Upper
153 100
152 46.3 37.9 56.9
154 88.0 69.8 104.6



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





#53

4-Nitrophenol

Concen: 6.075 ng/ul

RT: 14.57 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Instrument :

BNA_M

ClientSampled :

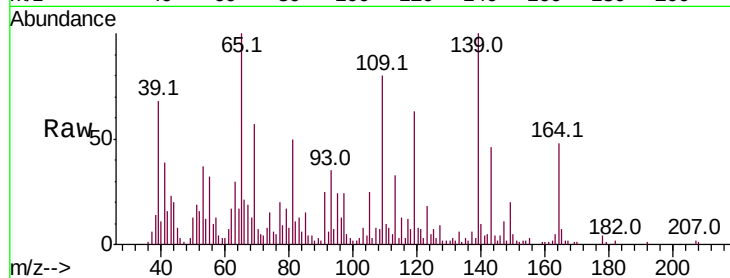
Tot Ion:109 Resp: 37339

Ion Ratio Lower Upper

109 100

139 125.7 91.2 136.8

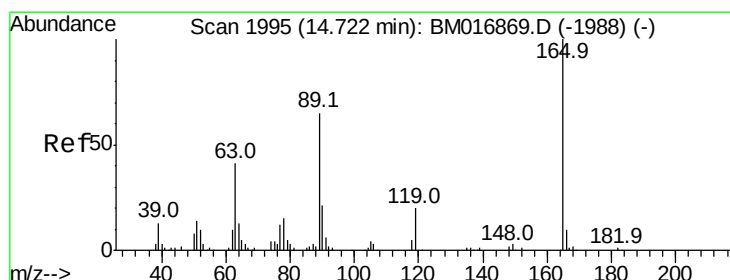
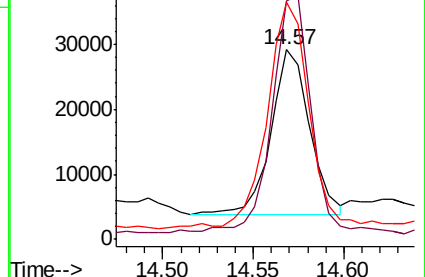
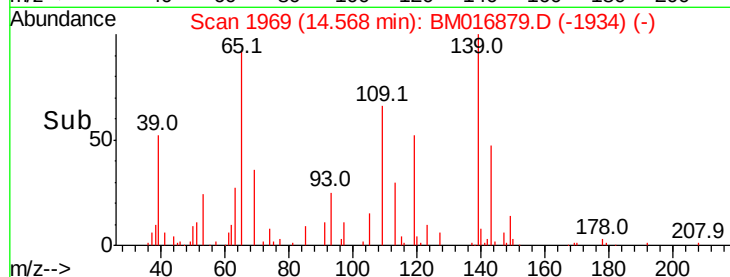
65 125.3 92.6 139.0



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): BM



#55

2,4-Dinitrotoluene

Concen: 29.917 ng/ul

RT: 14.72 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

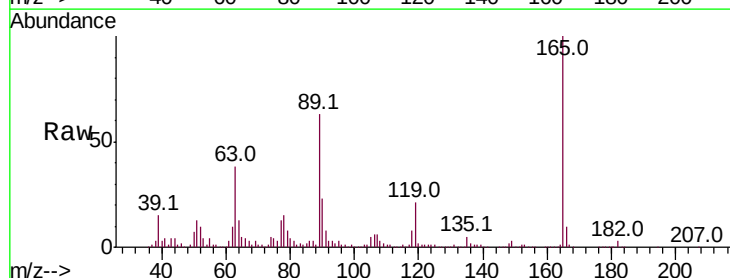
Tgt Ion:165 Resp: 320957

Ion Ratio Lower Upper

165 100

63 38.1 31.4 47.0

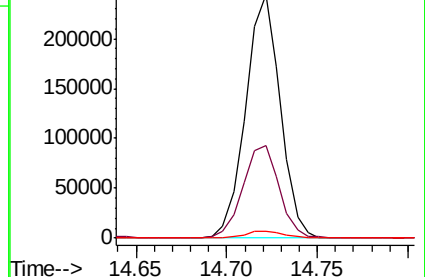
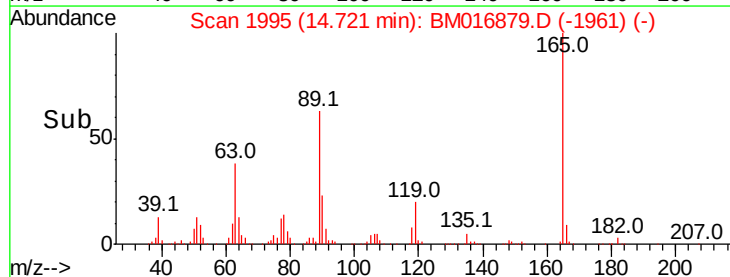
182 3.0 2.7 4.1

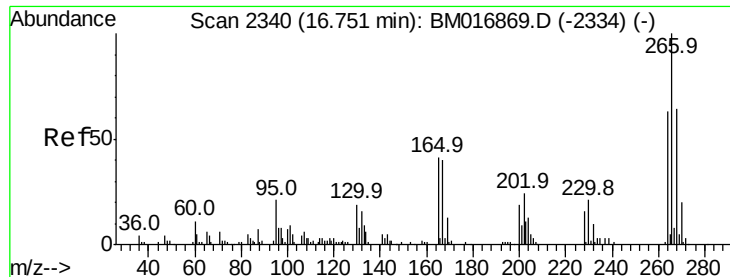


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 30.529 ng/ul

RT: 16.75 min Scan# 2340

Delta R.T. -0.00 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

Instrument :

BNA_M

ClientSampled :

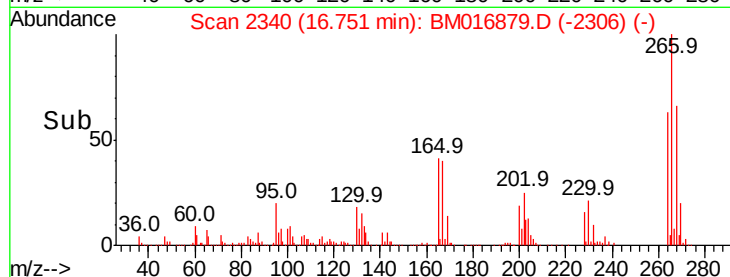
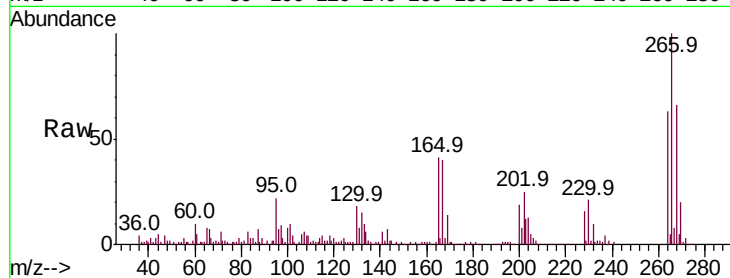
Tot Ion:266 Resp: 267471

Ion Ratio Lower Upper

266 100

264 63.4 48.2 72.4

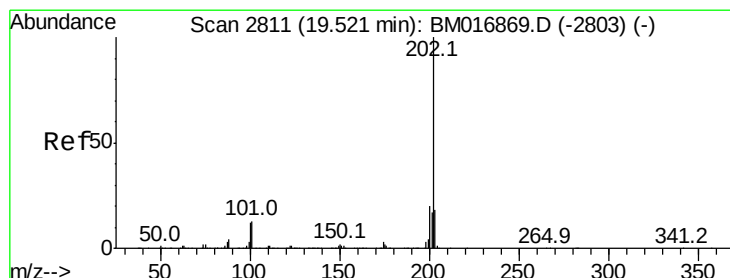
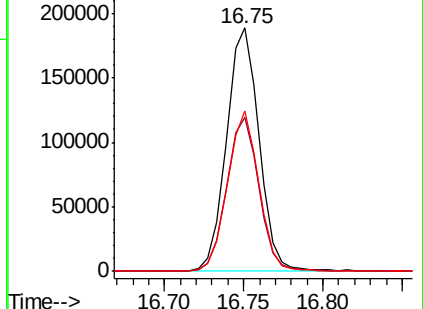
268 65.7 52.3 78.5



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



#80

Pyrene

Concen: 26.051 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. 0.01 min

Lab File: BM016879.D

Acq: 24 Sep 2018 16:44

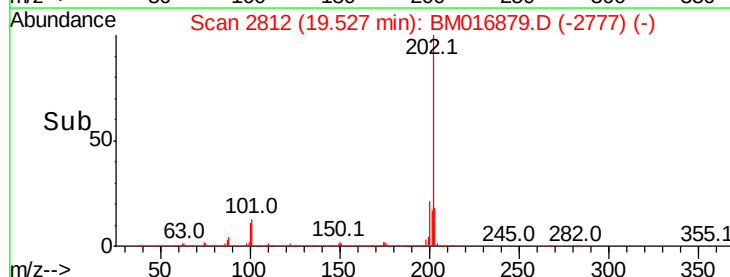
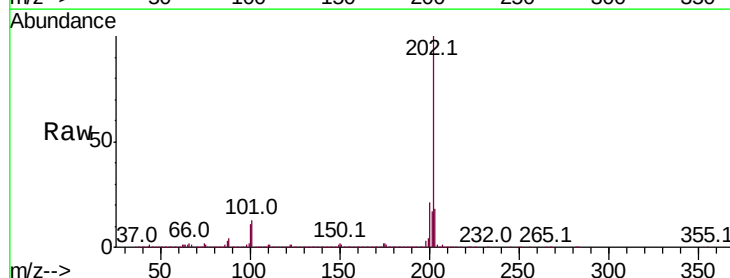
Tgt Ion:202 Resp: 2361437

Ion Ratio Lower Upper

202 100

101 13.1 6.9 10.3#

100 10.8 5.6 8.4#



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): E

