

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016900.D
 Acq On : 26 Sep 2018 15:35
 Operator : MJ/SJ
 Sample : J5040-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 01:23:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 01:22:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	290465	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1206822	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	646869	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1427898	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1569440	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1697376	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	20292	2.99	ng/uL	0.00
5) Phenol-d5	6.89	99	478804	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	287908	18.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	406536	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	352574	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	190963	24.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	193916	26.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	385741	21.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	385026	17.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1136615	21.88	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1457555	21.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	154873	18.17	ng/ul	0.00
58) Fluorene-d10	15.35	176	1035903	22.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	99340	16.95	ng/ul	0.00
71) Anthracene-d10	17.20	188	1567977	22.76	ng/ul	0.00
79) Pyrene-d10	19.50	212	1762322	23.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	2071983	23.40	ng/ul	0.01

Target Compounds

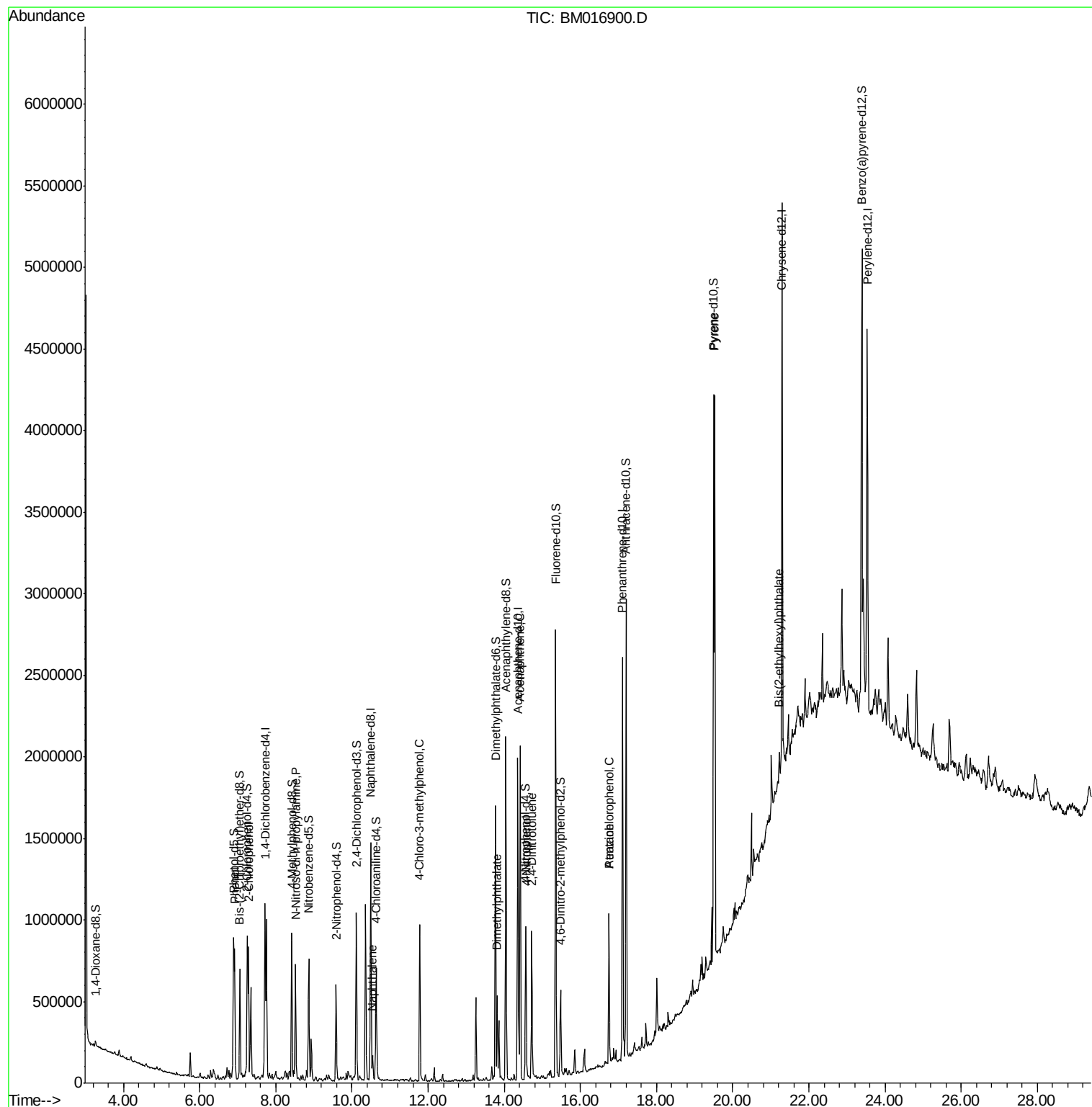
					Ovalue
6) Phenol	6.92	94	425969	17.418	ng/ul 98
10) 2-Chlorophenol	7.28	128	347169	17.287	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.52	70	241531	16.427	ng/ul 97
28) Naphthalene	10.55	128	117370	1.891	ng/ul 99
33) 4-Chloro-3-methylphenol	11.78	107	337315	18.285	ng/ul 94
45) Dimethylphthalate	13.82	163	334387	6.587	ng/ul 98
50) Acenaphthene	14.42	153	864871	19.185	ng/ul 99
53) 4-Nitrophenol	14.57	109	106023	16.141	ng/ul# 71
55) 2,4-Dinitrotoluene	14.72	165	255666	22.300	ng/ul 98
68) Atrazine	16.75	200	24214	1.551	ng/ul# 35
69) Pentachlorophenol	16.75	266	169792	18.059	ng/ul 96
80) Pyrene	19.53	202	1994615	20.698	ng/ul# 88
84) Bis(2-ethylhexyl)phthalate	21.21	149	72401	1.293	ng/ul# 96

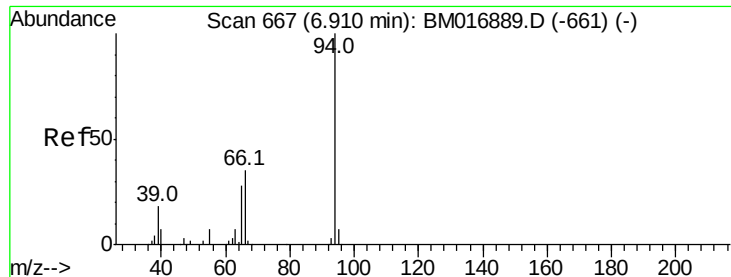
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 01:22:07 2018
Response via : Initial Calibration





#6

Phenol

Concen: 17.418 ng/ul

RT: 6.92 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

Instrument :

BNA_M

ClientSampleId :

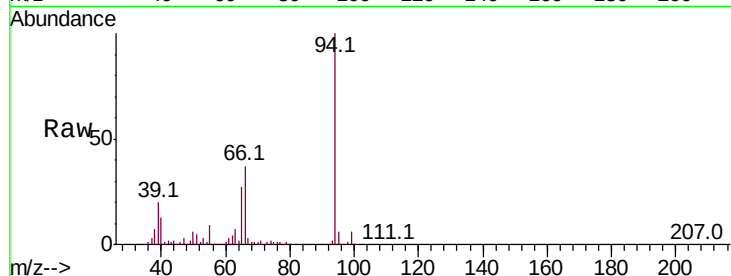
Tot Ion: 94 Resp: 425969

Ion Ratio Lower Upper

94 100

65 27.2 23.0 34.6

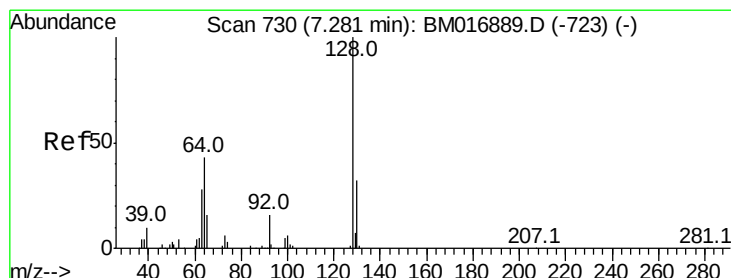
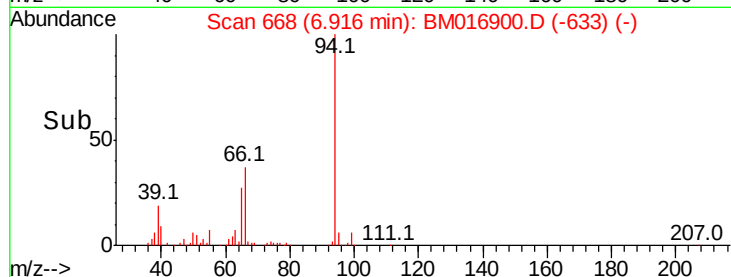
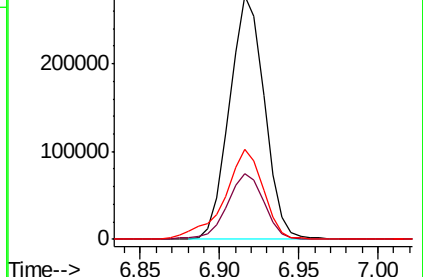
66 37.2 30.4 45.6



Abundance Ion 94.00 (93.70 to 94.70): BM016889.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM016889.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM016889.D (-661) (-)



#10

2-Chlorophenol

Concen: 17.287 ng/ul

RT: 7.28 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

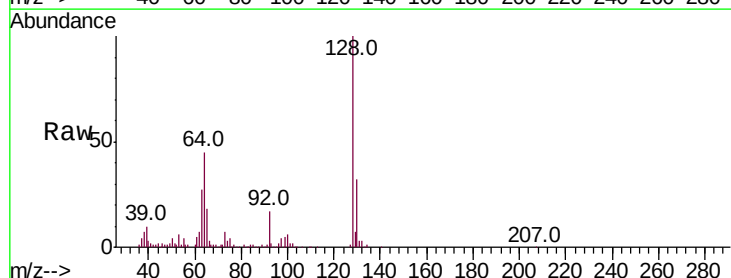
Tgt Ion: 128 Resp: 347169

Ion Ratio Lower Upper

128 100

64 45.5 39.8 59.6

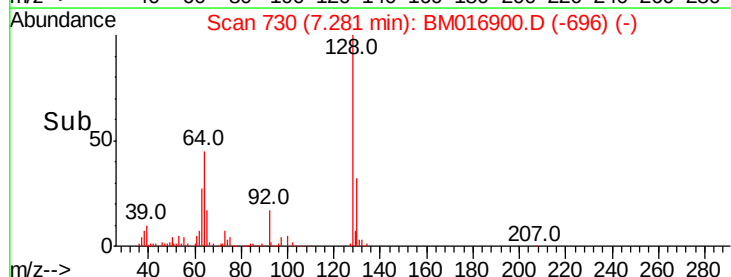
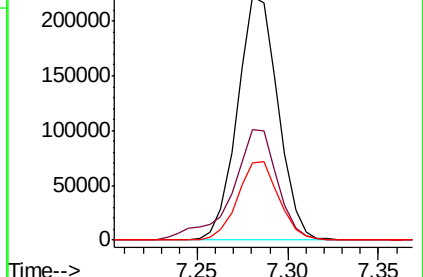
130 31.9 25.8 38.8

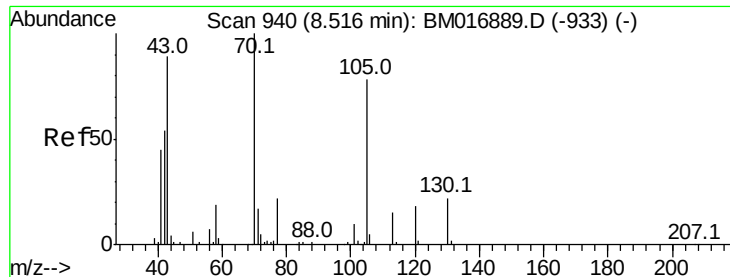


Abundance Ion 128.00 (127.70 to 128.70): BM016889.D (-723) (-)

Ion 64.00 (63.70 to 64.70): BM016889.D (-723) (-)

Ion 130.00 (129.70 to 130.70): BM016889.D (-723) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 16.427 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 241531

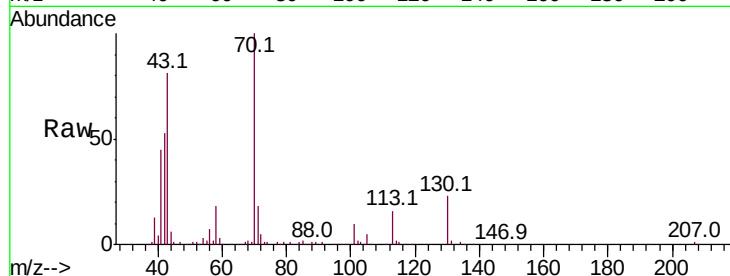
Ion Ratio Lower Upper

70 100

42 52.7 40.2 60.4

101 10.2 7.7 11.5

130 23.1 17.8 26.6

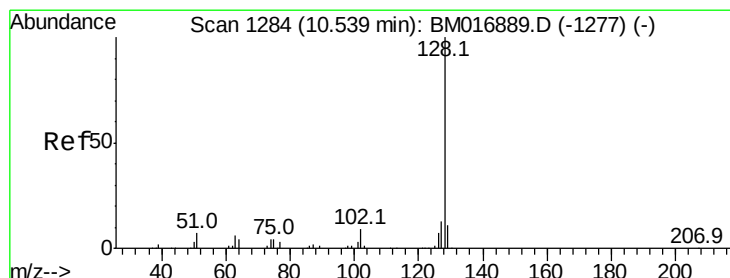
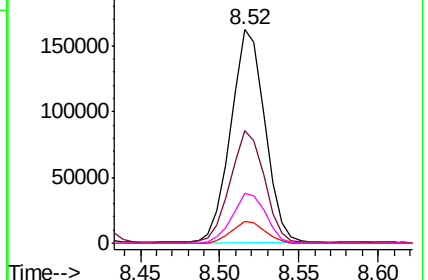
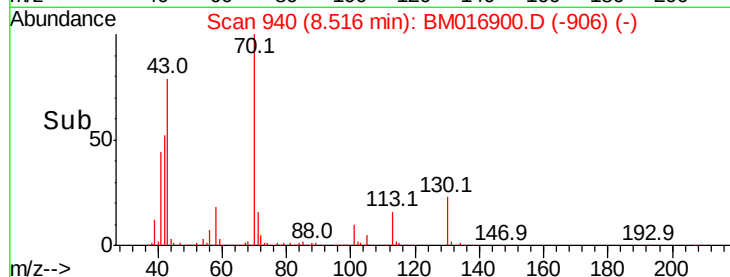


Abundance Ion 70.00 (69.70 to 70.70): BM016900.D (-906) (-)

Ion 42.00 (41.70 to 42.70): BM016900.D (-906) (-)

Ion 101.00 (100.70 to 101.70): BM016900.D (-906) (-)

Ion 130.00 (129.70 to 130.70): BM016900.D (-906) (-)



#28

Naphthalene

Concen: 1.891 ng/ul

RT: 10.55 min Scan# 1285

Delta R.T. 0.01 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

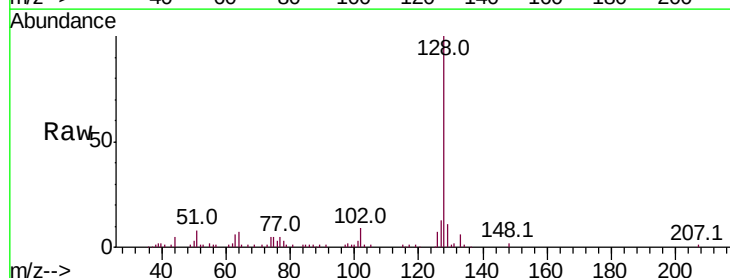
Tgt Ion: 128 Resp: 117370

Ion Ratio Lower Upper

128 100

129 10.8 8.3 12.5

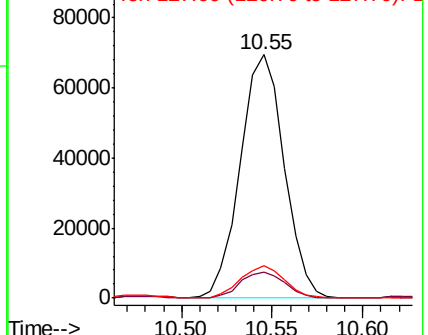
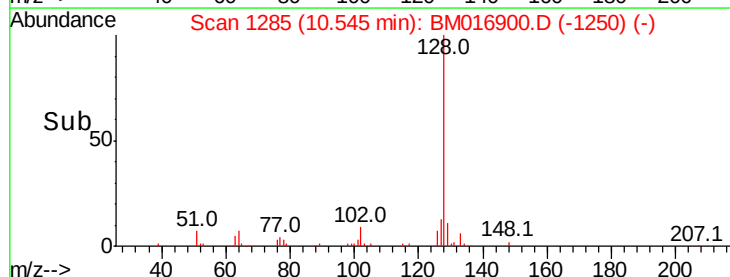
127 13.2 10.8 16.2

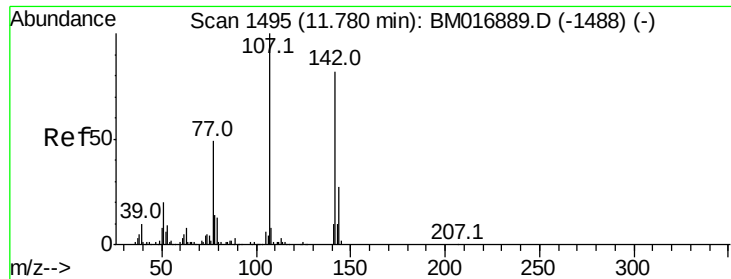


Abundance Ion 128.00 (127.70 to 128.70): BM016900.D (-1250) (-)

Ion 129.00 (128.70 to 129.70): BM016900.D (-1250) (-)

Ion 127.00 (126.70 to 127.70): BM016900.D (-1250) (-)

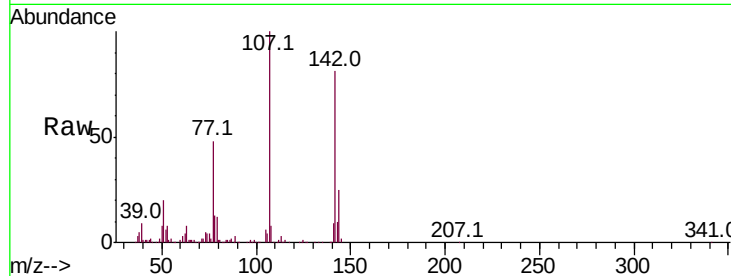




#33
4-Chloro-3-methylphenol
Concen: 18.285 ng/ul
RT: 11.78 min Scan# 1495
Delta R.T. -0.00 min
Lab File: BM016900.D
Acq: 26 Sep 2018 15:35

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.5	21.1	31.7
142	81.4	60.1	90.1

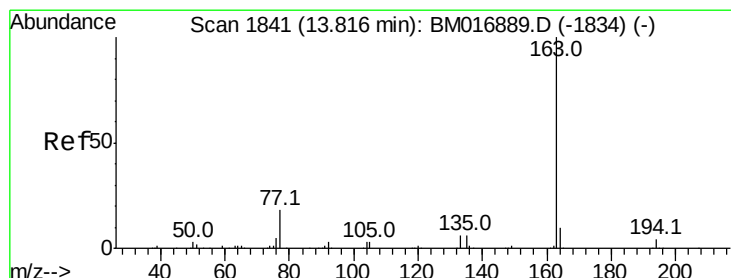
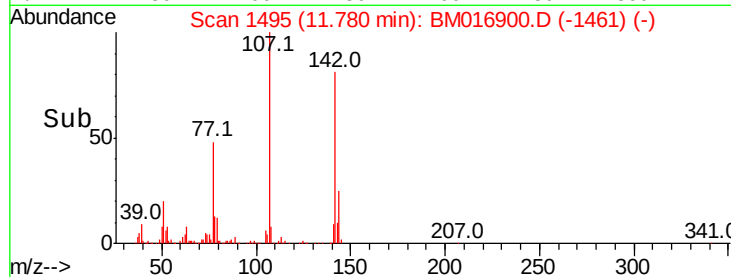
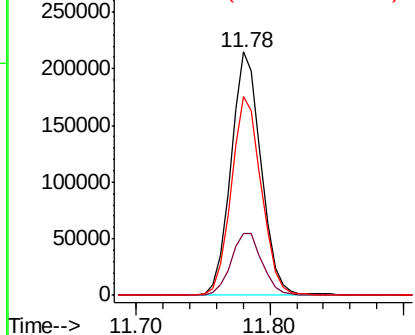


Abundance

Ion 107.00 (106.70 to 107.70): E

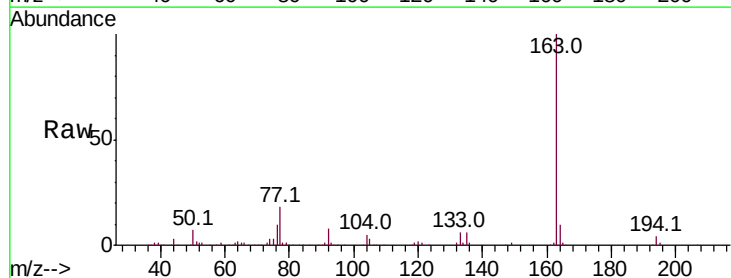
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#45
Dimethylphthalate
Concen: 6.587 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BM016900.D
Acq: 26 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	9.8	8.4	12.6

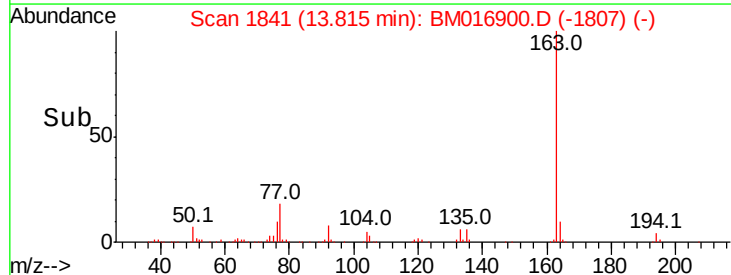
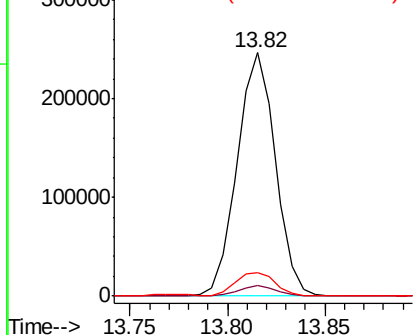


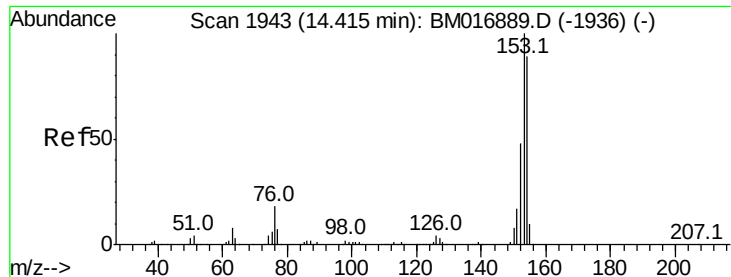
Abundance

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: 19.185 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

Instrument :

BNA_M

ClientSampleId :

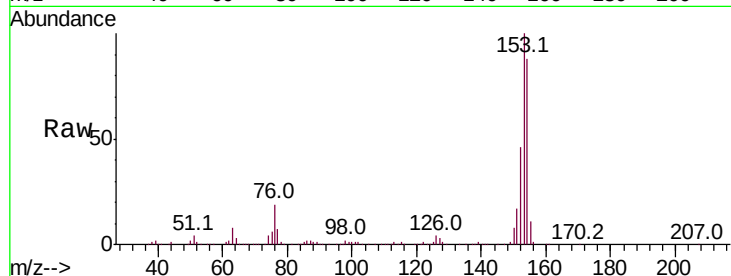
Tot Ion:153 Resp: 864871

Ion Ratio Lower Upper

153 100

152 46.4 37.9 56.9

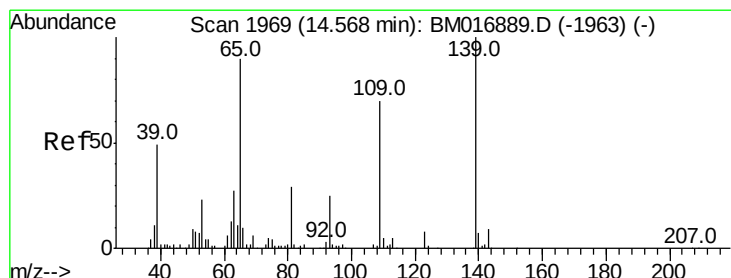
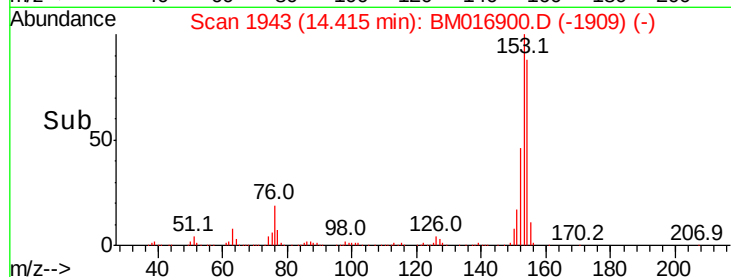
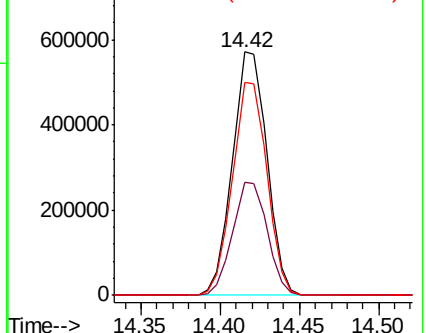
154 87.6 69.8 104.6



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: 16.141 ng/ul

RT: 14.57 min Scan# 1970

Delta R.T. 0.01 min

Lab File: BM016900.D

Acq: 26 Sep 2018 15:35

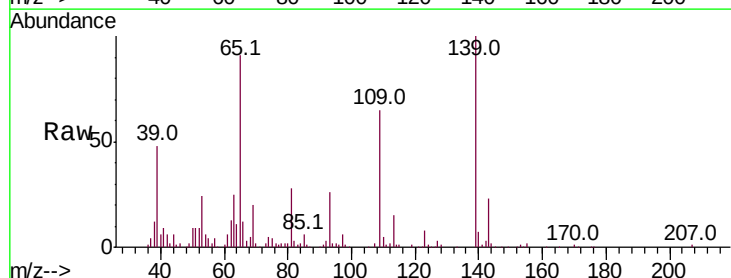
Tgt Ion:109 Resp: 106023

Ion Ratio Lower Upper

109 100

139 153.6 91.2 136.8#

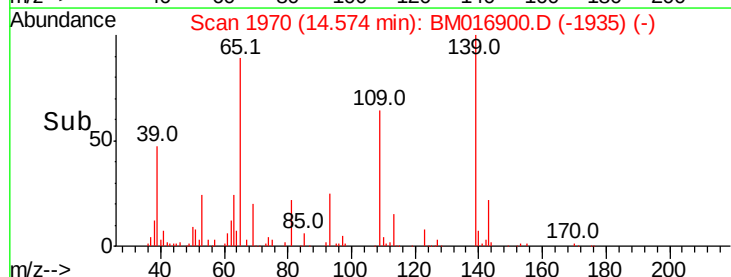
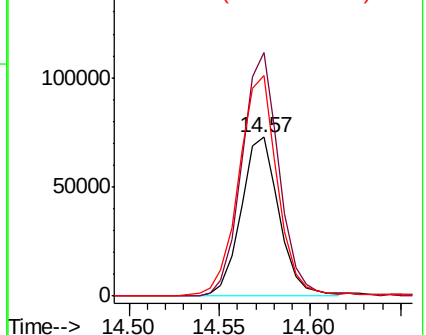
65 139.5 92.6 139.0#

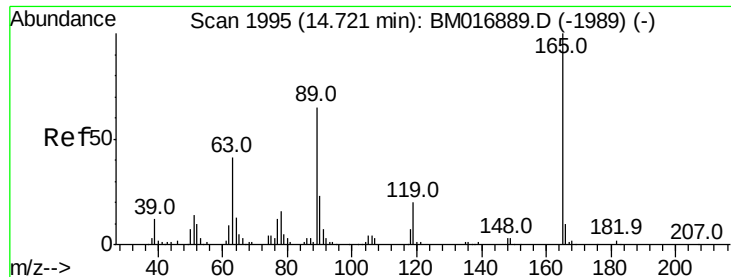


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): E

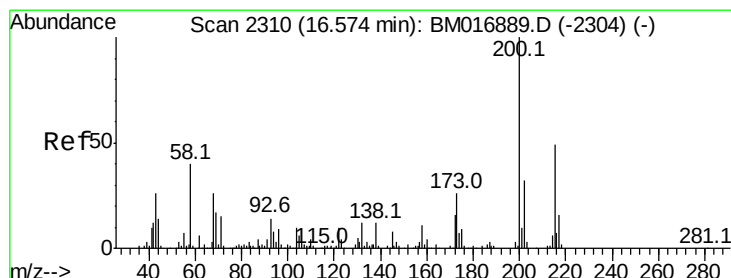
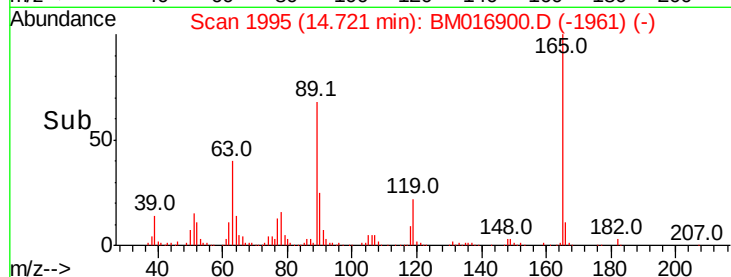
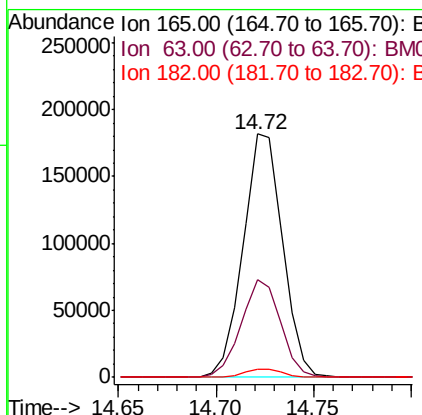
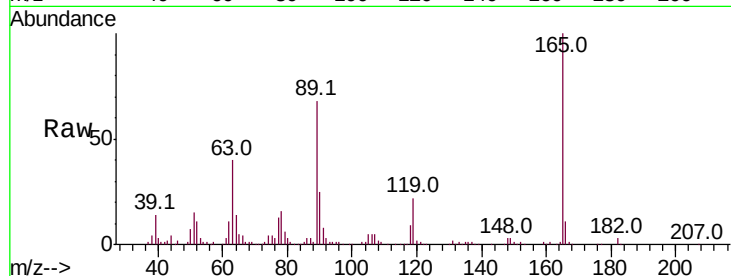




#55
 2,4-Dinitrotoluene
 Concen: 22.300 ng/ul
 RT: 14.72 min Scan# 1995
 Delta R.T. -0.00 min
 Lab File: BM016900.D
 Acq: 26 Sep 2018 15:35

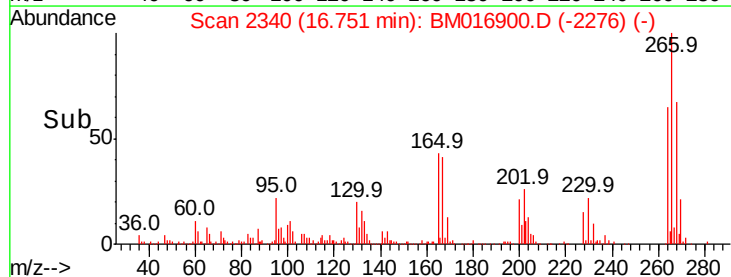
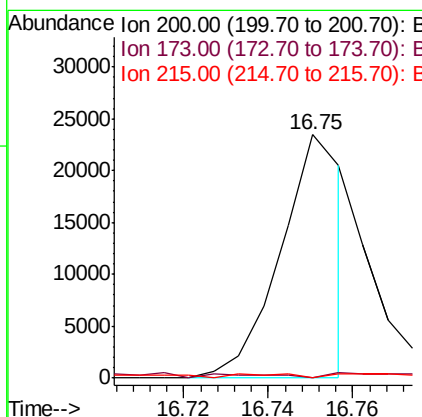
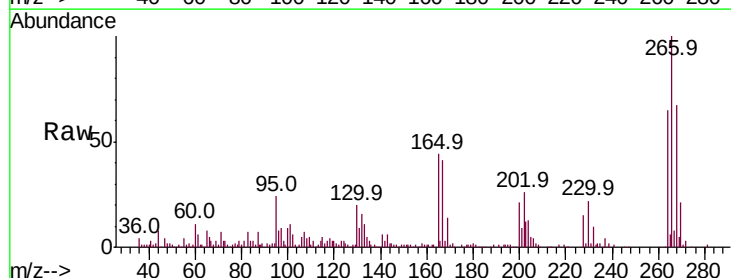
Instrument :
 BNA_M
 ClientSampled :

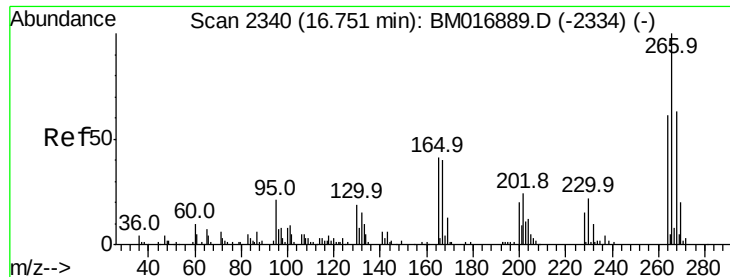
Tot Ion:165 Resp: 255666
 Ion Ratio Lower Upper
 165 100
 63 40.3 31.4 47.0
 182 3.2 2.7 4.1



#68
 Atrazine
 Concen: 1.551 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. 0.18 min
 Lab File: BM016900.D
 Acq: 26 Sep 2018 15:35

Tgt Ion:200 Resp: 24214
 Ion Ratio Lower Upper
 200 100
 173 0.0 20.6 31.0#
 215 0.0 39.8 59.6#

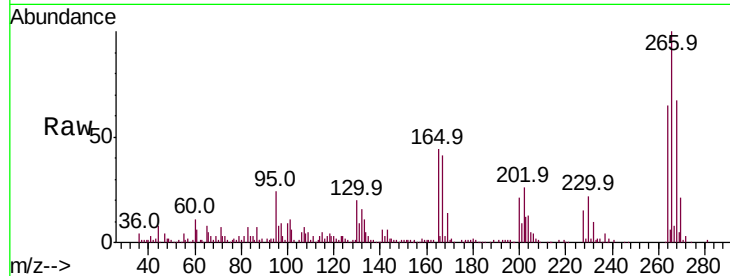




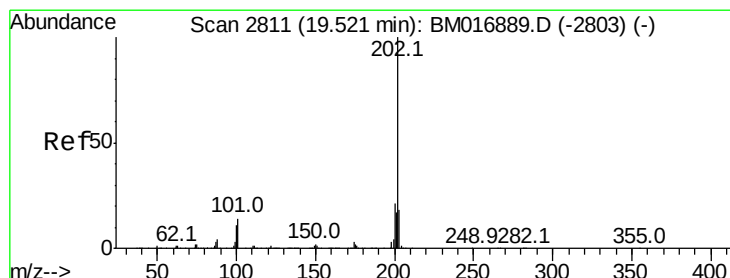
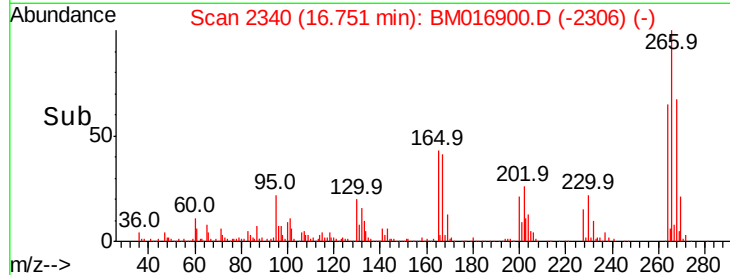
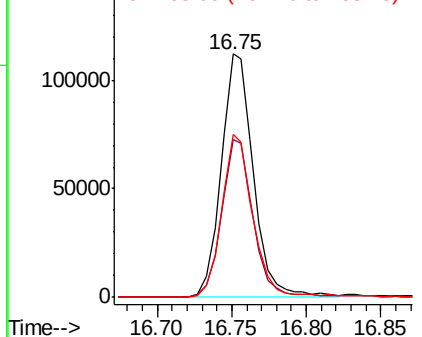
#69
 Pentachlorophenol
 Concen: 18.059 ng/ul
 RT: 16.75 min Scan# 2340
 Delta R.T. -0.00 min
 Lab File: BM016900.D
 Acq: 26 Sep 2018 15:35

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.6	48.2	72.4
268	67.0	52.3	78.5

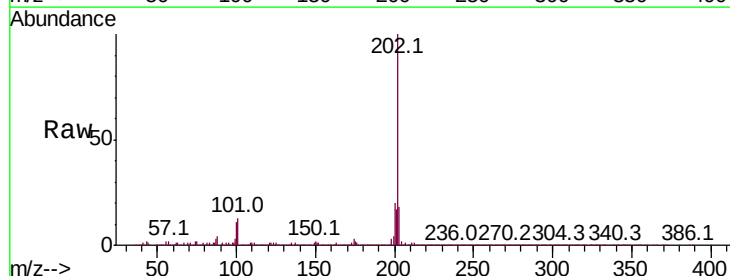


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

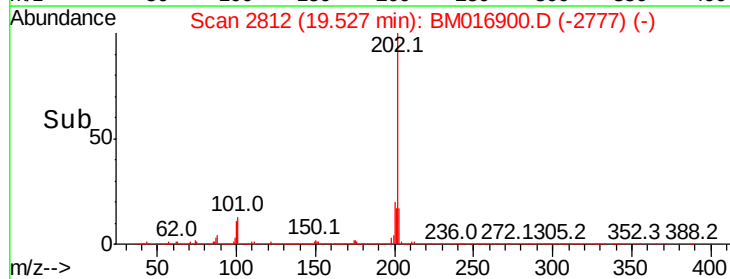
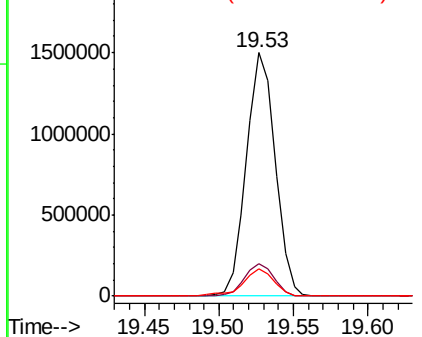


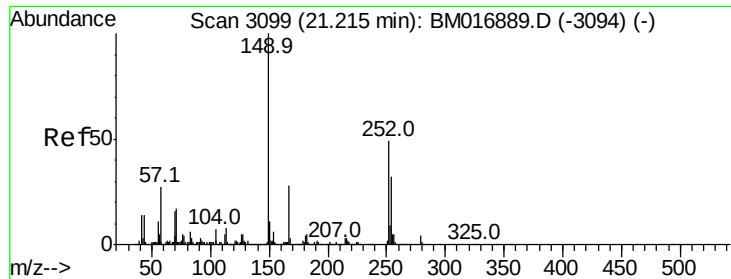
#80
 Pyrene
 Concen: 20.698 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. 0.01 min
 Lab File: BM016900.D
 Acq: 26 Sep 2018 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.1	6.9	10.3#
100	11.2	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): B

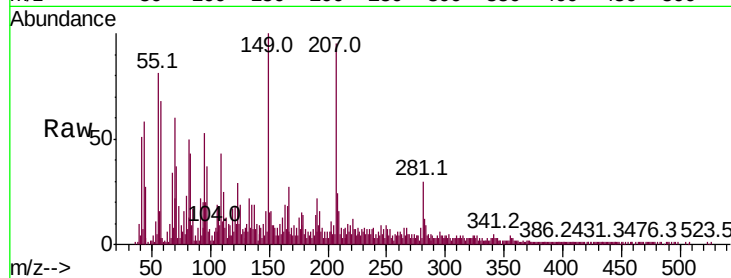




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.293 ng/ul
 RT: 21.21 min Scan# 3099
 Delta R.T. -0.00 min
 Lab File: BM016900.D
 Acq: 26 Sep 2018 15:35

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 72401
 Ion Ratio Lower Upper
 149 100
 167 27.3 23.0 34.6
 279 7.9 4.3 6.5#



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

