

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
 Data File : BM023713.D
 Acq On : 14 Nov 2019 00:55
 Operator : JU
 Sample : K5678-17MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLMA1MS

Quant Time: Nov 14 03:47:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 03:45:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	483662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2224413	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1501228	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	3008254	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2059558	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2194736	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	33094	2.82	ng/uL	0.00
5) Phenol-d5	6.73	99	918901	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	540077	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	738228	23.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	720842	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	402873	25.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	429503	25.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	857749	22.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	375351	8.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2683921	22.93	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	3245707	24.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	162214	8.12	ng/ul	0.00
58) Fluorene-d10	15.20	176	2373071	22.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	227342	13.06	ng/ul	0.00
71) Anthracene-d10	17.04	188	3439671	24.10	ng/ul	0.00
79) Pyrene-d10	19.35	212	3229046	30.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	2726128	23.60	ng/ul	0.00

Target Compounds

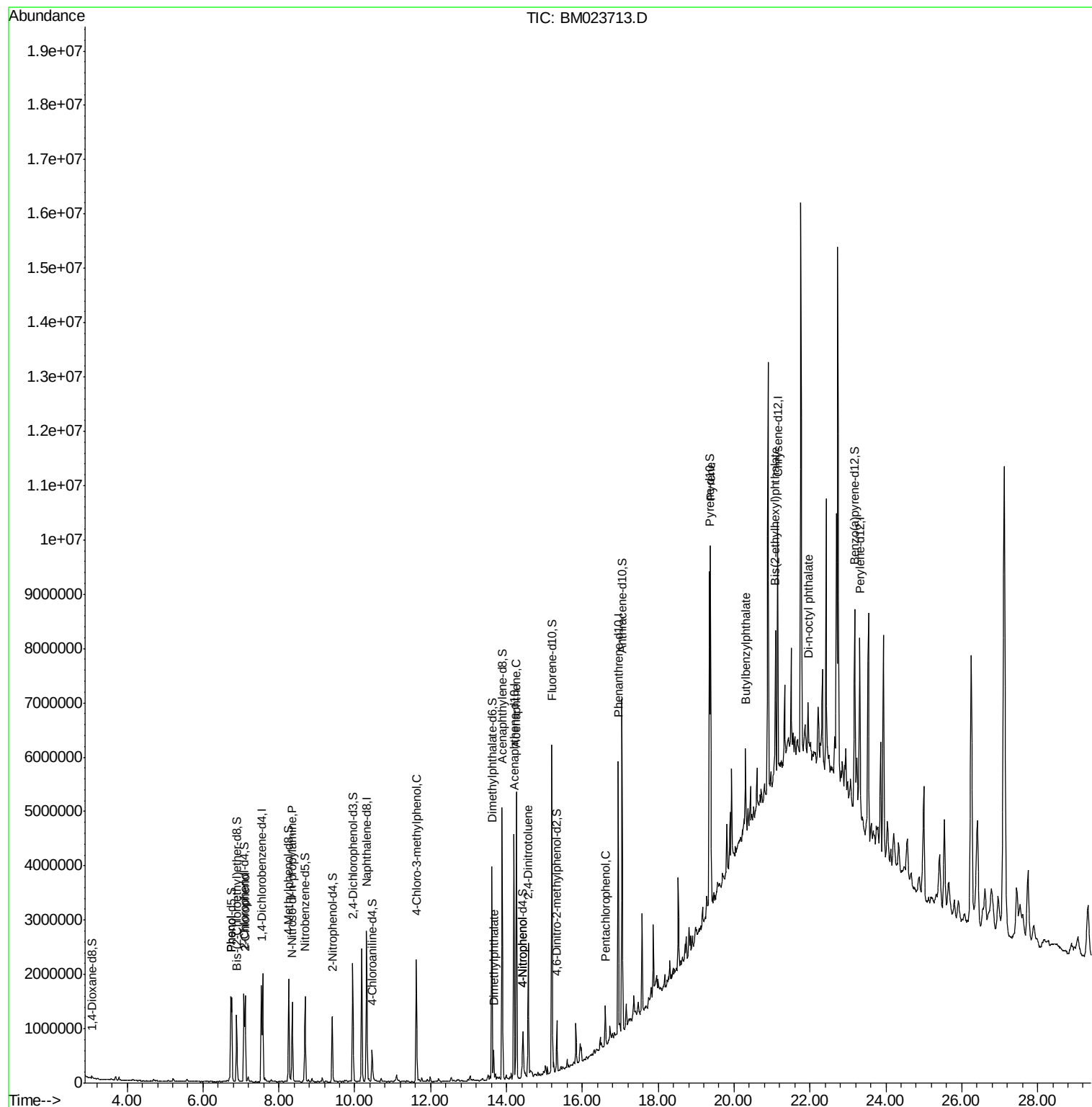
					Ovalue
6) Phenol	6.76	94	909251	20.019	ng/ul 97
10) 2-Chlorophenol	7.11	128	709582	21.544	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.35	70	595557	20.667	ng/ul 98
33) 4-Chloro-3-methylphenol	11.63	107	847966	20.814	ng/ul 98
45) Dimethylphthalate	13.66	163	288720	2.517	ng/ul 100
50) Acenaphthene	14.26	153	2130574	22.321	ng/ul 99
53) 4-Nitrophenol	14.44	109	112761	6.992	ng/ul 94
55) 2,4-Dinitrotoluene	14.57	165	718622	22.500	ng/ul 96
69) Pentachlorophenol	16.61	266	151387	5.895	ng/ul 98
80) Pyrene	19.38	202	3975128	29.860	ng/ul 98
81) Butylbenzylphthalate	20.30	149	421895	10.006	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	21.09	149	1066861	16.759	ng/ul 99
87) Di-n-octyl phthalate	21.96	149	304206	2.836	ng/ul 100

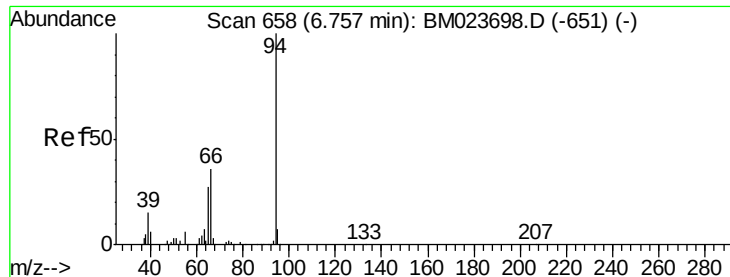
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 03:45:07 2019
Response via : Initial Calibration





#6

Phenol

Concen: 20.019 ng/ul

RT: 6.76 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

Instrument :

BNA_M

ClientSampleId :

JLMA1MS

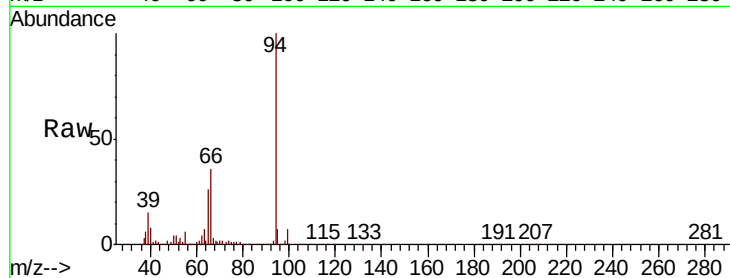
Tot Ion: 94 Resp: 909251

Ion Ratio Lower Upper

94 100

65 25.8 21.4 32.2

66 36.5 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM023713.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM023713.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM023713.D (-651) (-)

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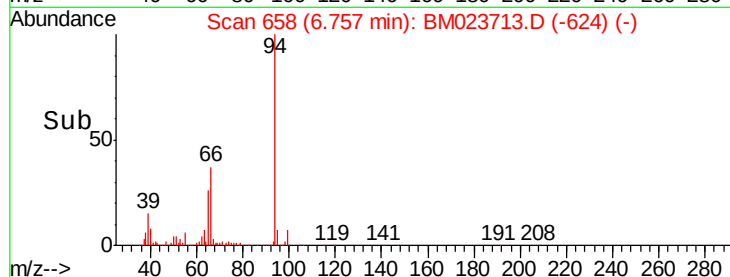
6.76

6.76

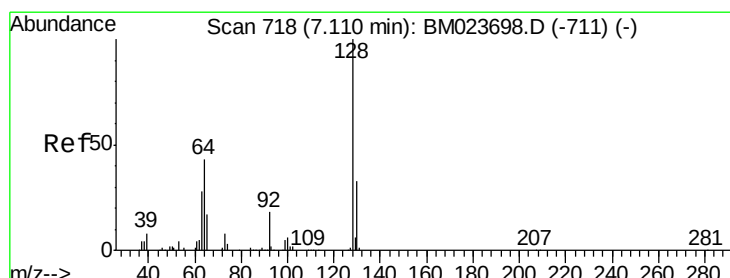
6.76

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Time-->



#10

2-Chlorophenol

Concen: 21.544 ng/ul

RT: 7.11 min Scan# 718

Delta R.T. -0.00 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

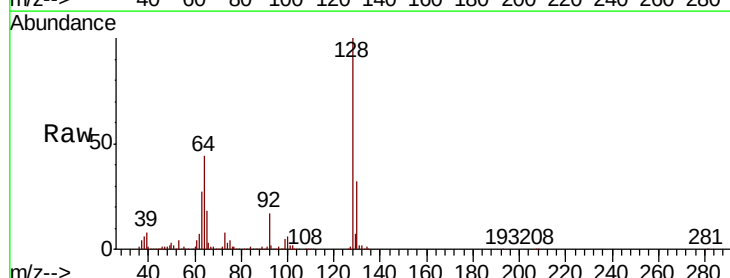
Tgt Ion:128 Resp: 709582

Ion Ratio Lower Upper

128 100

64 43.9 38.1 57.1

130 32.5 26.4 39.6



Abundance Ion 128.00 (127.70 to 128.70): BM023713.D (-684) (-)

Ion 64.00 (63.70 to 64.70): BM023713.D (-684) (-)

Ion 130.00 (129.70 to 130.70): BM023713.D (-684) (-)

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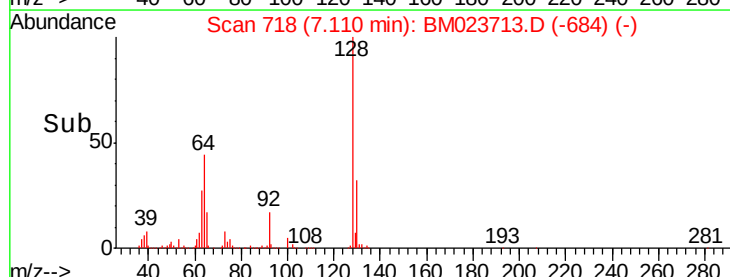
7.11

7.11

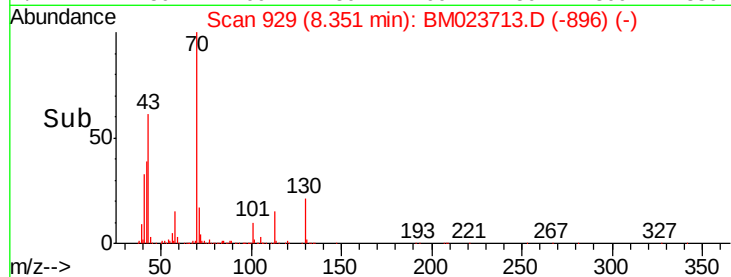
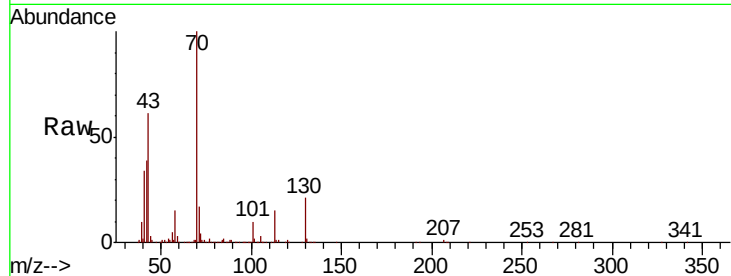
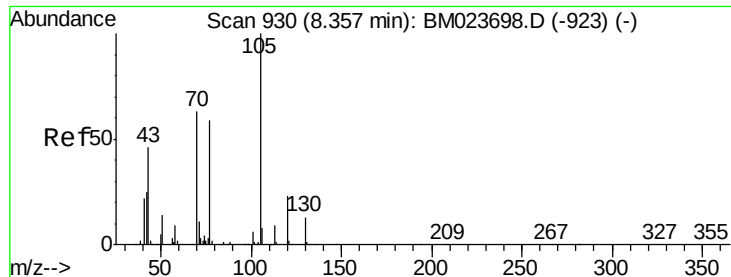
7.11

7.11

7.11



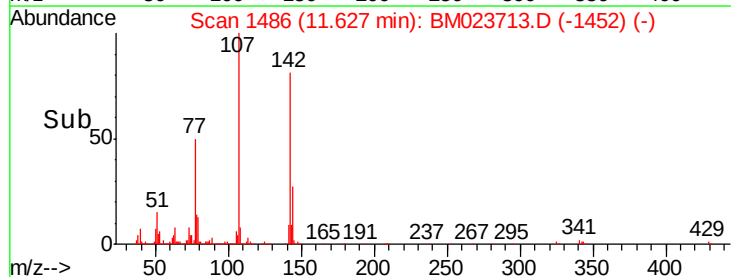
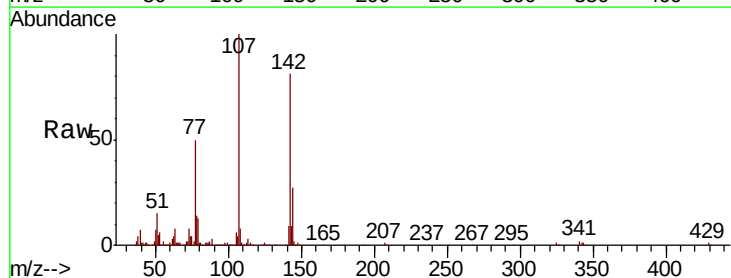
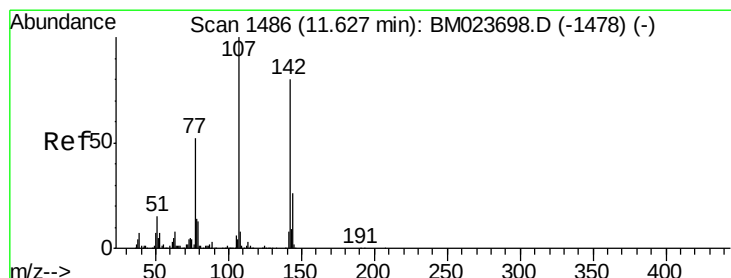
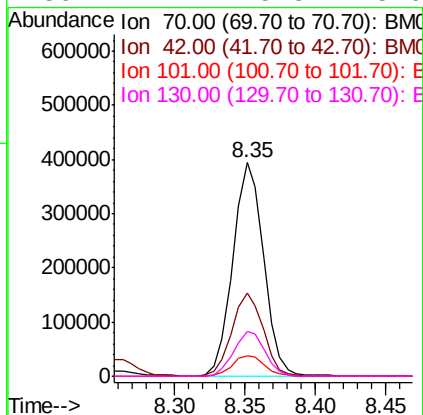
Time-->



#15
N-Nitroso-di-n-propylamine
Concen: 20.667 ng/ul
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM023713.D
Acq: 14 Nov 2019 00:55

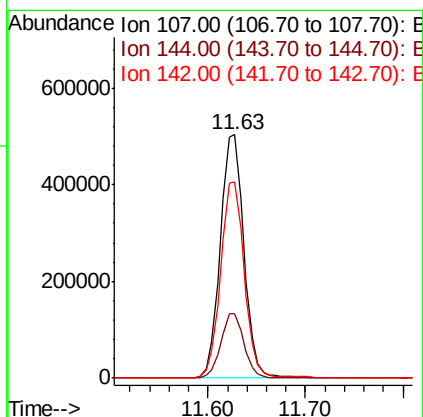
Instrument :
BNA_M
ClientSampleId :
JLMA1MS

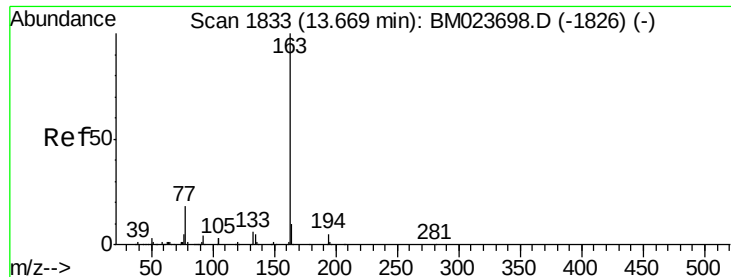
Tot Ion:	70	Resp:	595557
Ion	Ratio	Lower	Upper
70	100		
42	39.2	32.1	48.1
101	9.8	7.4	11.2
130	21.1	15.8	23.6



#33
4-Chloro-3-methylphenol
Concen: 20.814 ng/ul
RT: 11.63 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BM023713.D
Acq: 14 Nov 2019 00:55

Tgt Ion:	107	Resp:	847966
Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.6	30.8
142	80.8	62.9	94.3

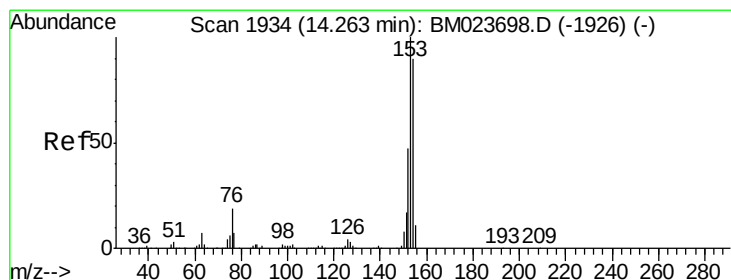
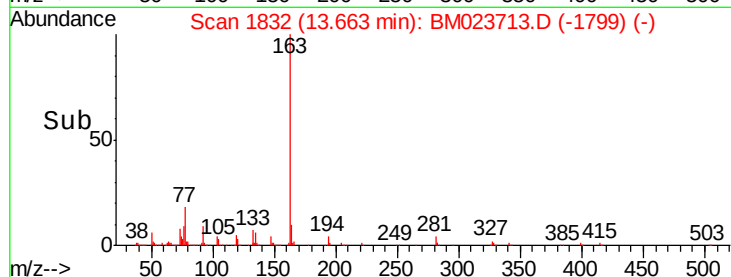
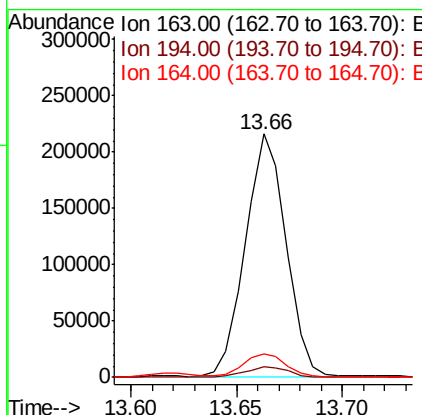
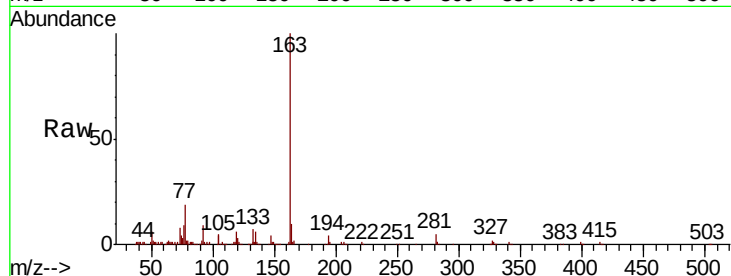




#45
Dimethylphthalate
Concen: 2.517 ng/ul
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM023713.D
Acq: 14 Nov 2019 00:55

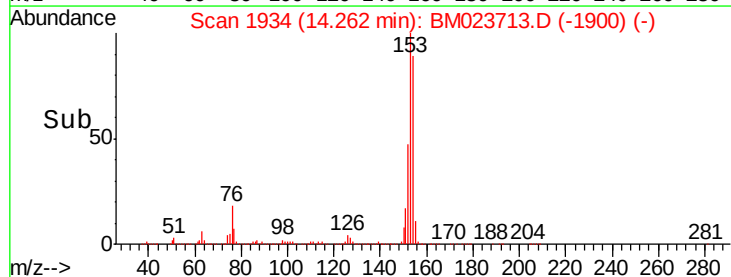
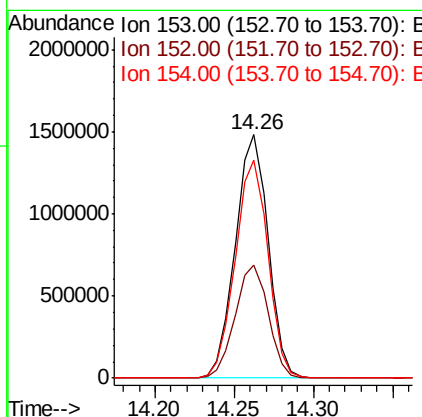
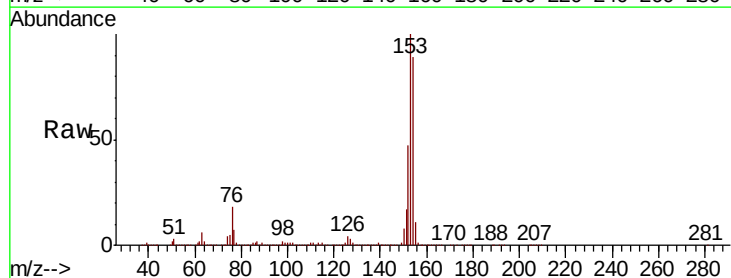
Instrument :
BNA_M
ClientSampleId :
JLMA1MS

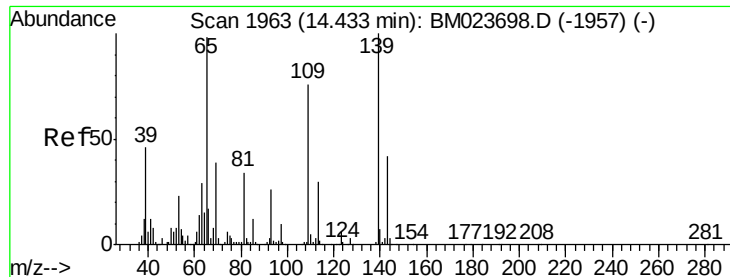
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.0	12.0



#50
Acenaphthene
Concen: 22.321 ng/ul
RT: 14.26 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BM023713.D
Acq: 14 Nov 2019 00:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.7	56.5
154	89.3	70.6	106.0





#53

4-Nitrophenol

Concen: 6.992 ng/ul

RT: 14.44 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

Instrument :

BNA_M

ClientSampleId :

JLMA1MS

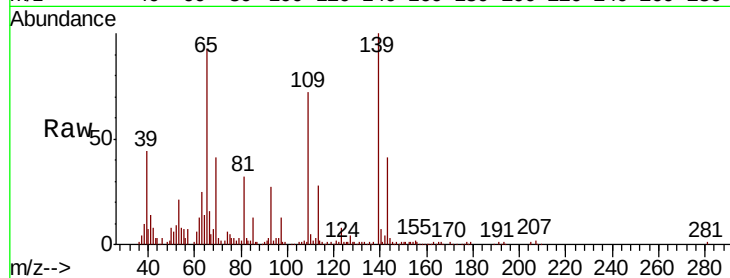
Tot Ion:109 Resp: 112761

Ion Ratio Lower Upper

109 100

139 139.2 103.4 155.0

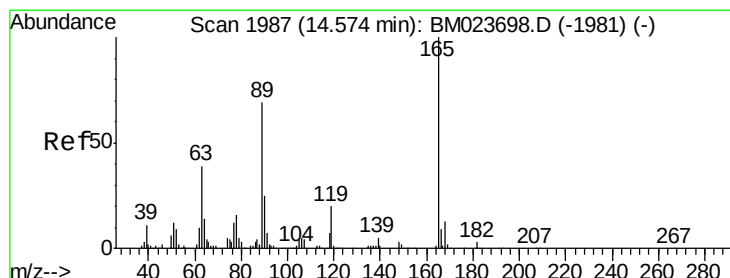
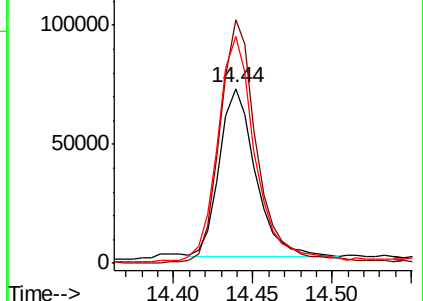
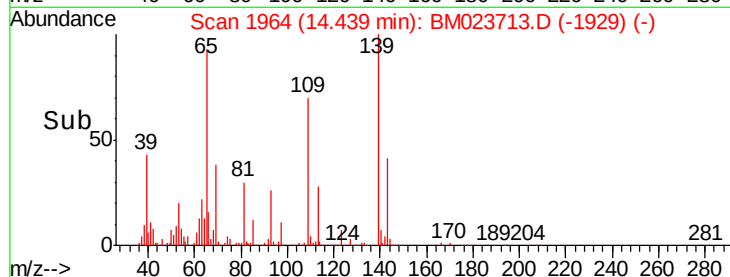
65 130.1 101.3 151.9



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: 22.500 ng/ul

RT: 14.57 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

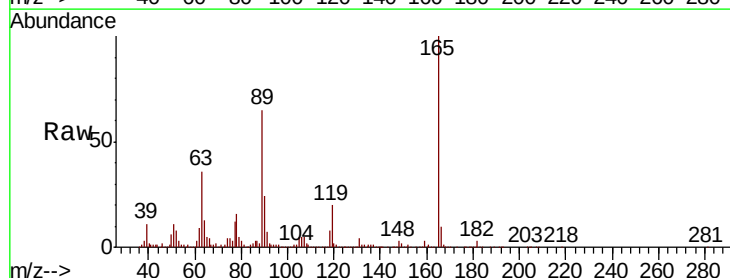
Tgt Ion:165 Resp: 718622

Ion Ratio Lower Upper

165 100

63 36.3 31.0 46.6

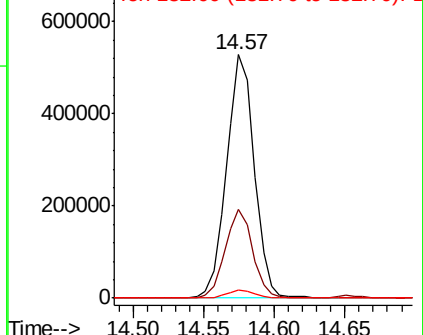
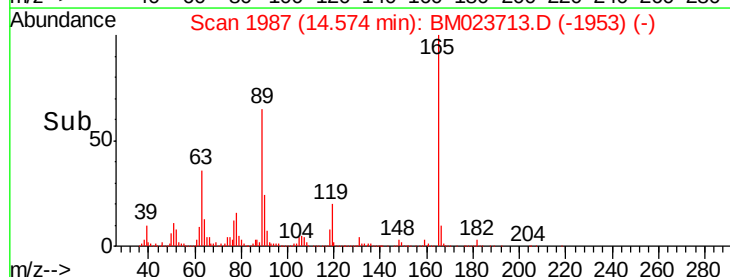
182 3.2 2.4 3.6

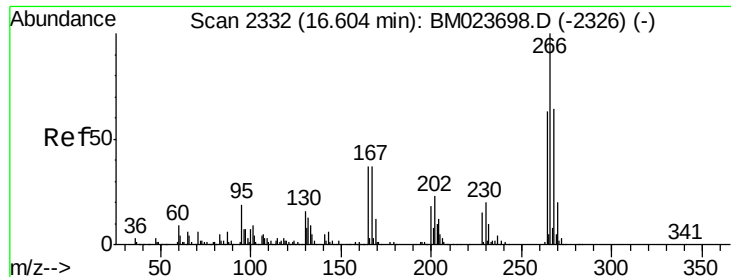


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 5.895 ng/ul

RT: 16.61 min Scan# 2333

Delta R.T. 0.01 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

Instrument :

BNA_M

ClientSampleId :

JLMA1MS

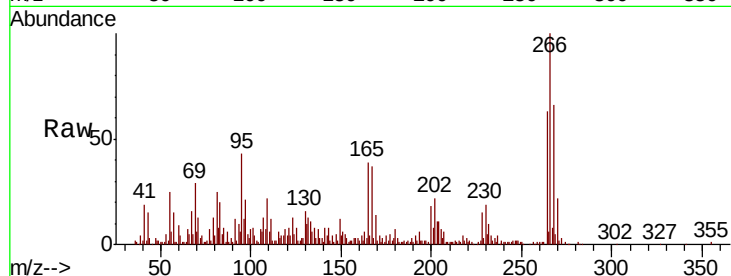
Tot Ion:266 Resp: 151387

Ion Ratio Lower Upper

266 100

264 63.5 50.6 75.8

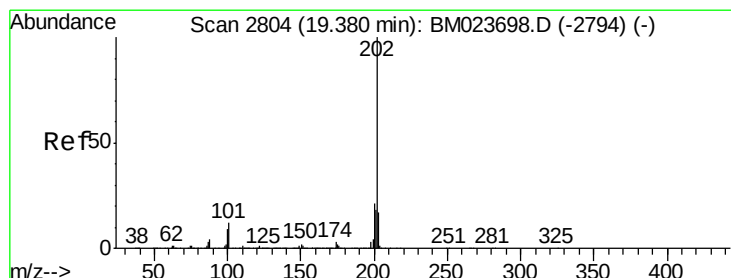
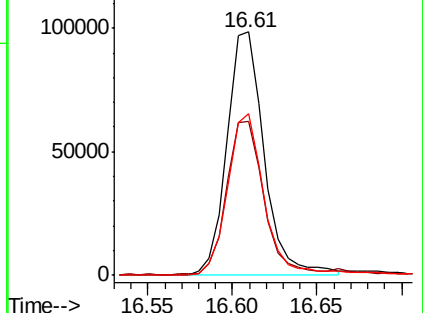
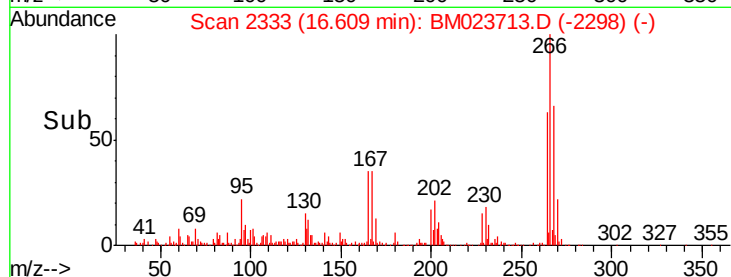
268 66.3 50.9 76.3



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: 29.860 ng/ul

RT: 19.38 min Scan# 2804

Delta R.T. -0.00 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

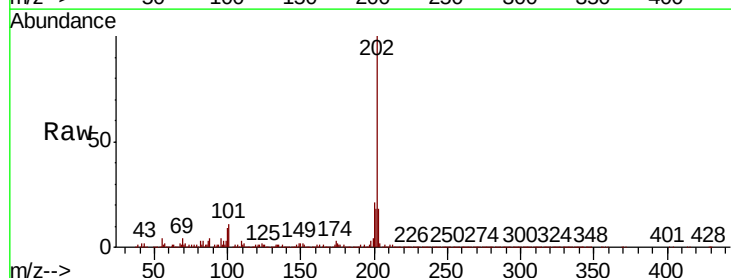
Tgt Ion:202 Resp: 3975128

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.6

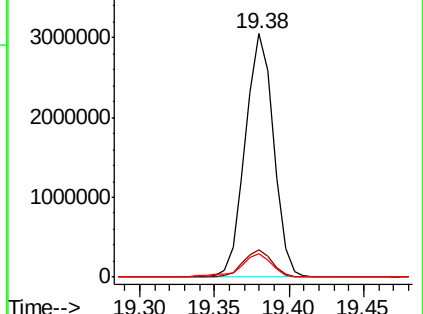
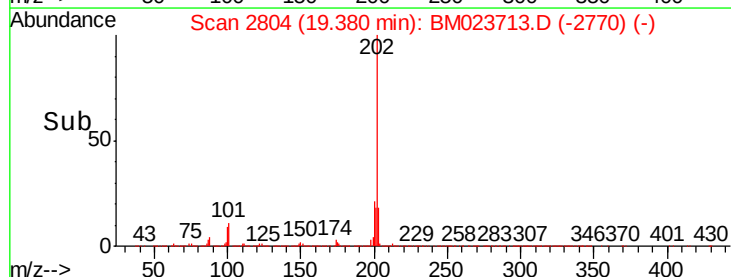
100 9.5 8.1 12.1

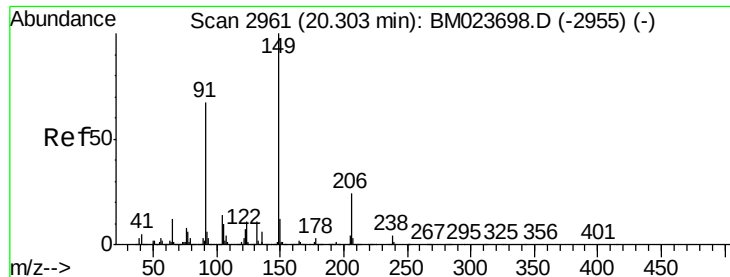


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

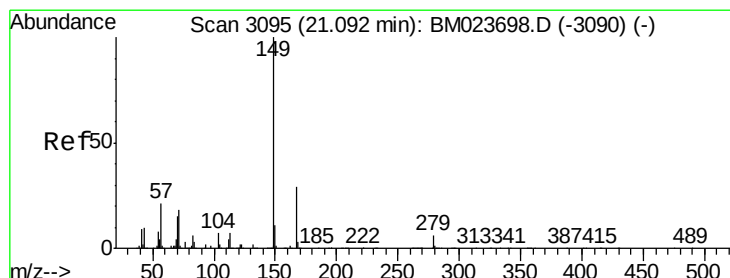
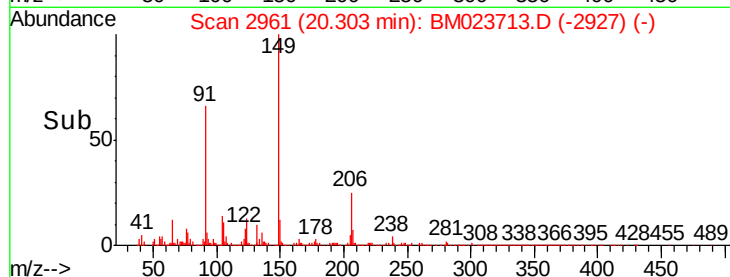
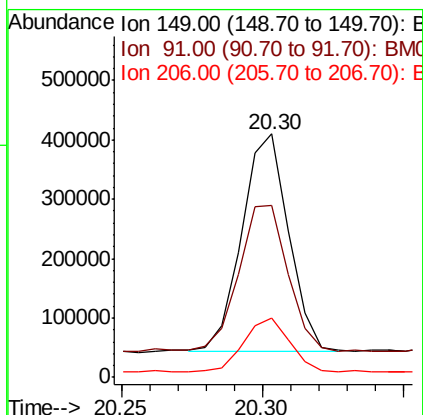
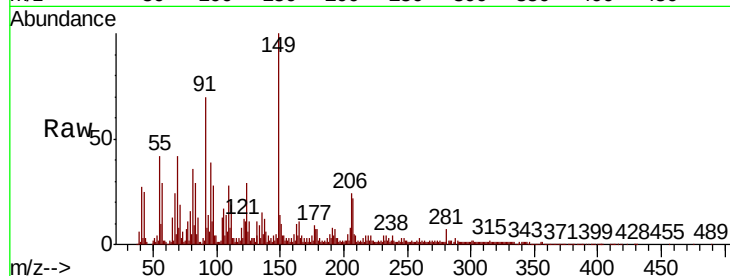




#81
 Butylbenzylphthalate
 Concen: 10.006 ng/ul
 RT: 20.30 min Scan# 2961
 Delta R.T. -0.00 min
 Lab File: BM023713.D
 Acq: 14 Nov 2019 00:55

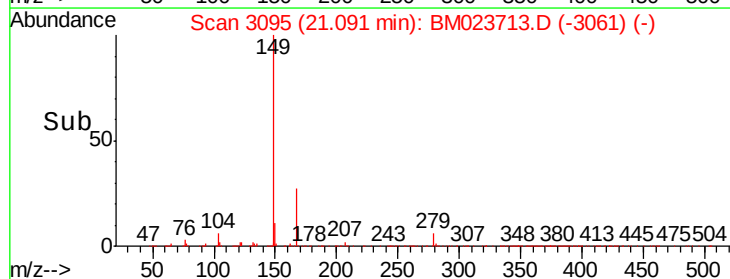
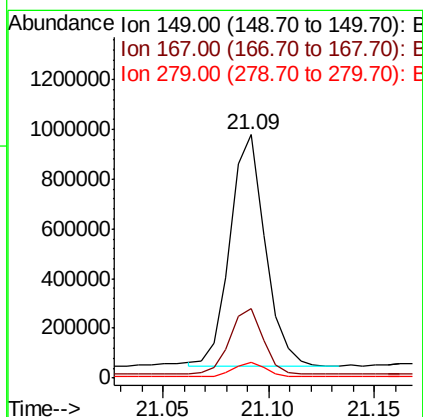
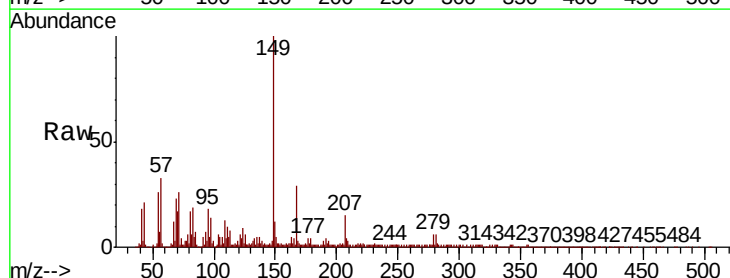
Instrument :
 BNA_M
 ClientSampled :
 JLMA1MS

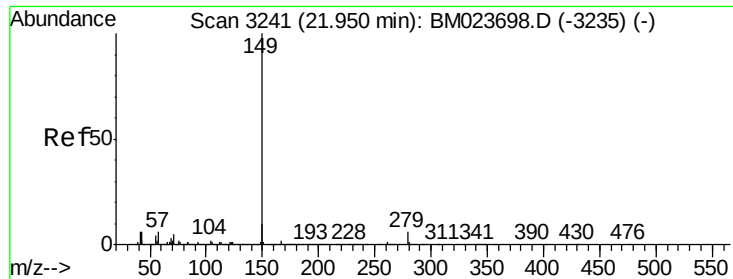
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.5	54.9	82.3
206	24.3	19.3	28.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 16.759 ng/ul
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.00 min
 Lab File: BM023713.D
 Acq: 14 Nov 2019 00:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.4	35.2
279	6.5	5.0	7.4





#87

Di-n-octyl phthalate

Concen: 2.836 ng/ul

RT: 21.96 min Scan# 3242

Delta R.T. 0.01 min

Lab File: BM023713.D

Acq: 14 Nov 2019 00:55

Instrument :

BNA_M

ClientSampleId :

JLMA1MS

Tgt Ion:149 Resp: 304206

