

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023941.D
 Acq On : 28 Nov 2019 08:19
 Operator : JU
 Sample : K5915-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MS

Quant Time: Nov 28 21:35:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 27 17:16:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	407675	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1645661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	978810	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1990564	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1869048	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2317744	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	42336	4.62	ng/uL	0.00
5) Phenol-d5	6.68	99	797134	22.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	495584	23.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	645769	23.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	627773	22.27	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	304851	23.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	334756	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	613242	22.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	766546	25.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1952490	25.67	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2291627	25.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	247486	19.36	ng/ul	0.00
58) Fluorene-d10	15.15	176	1657313	25.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	232478	18.60	ng/ul	0.00
71) Anthracene-d10	17.00	188	2537436	26.69	ng/ul	0.00
79) Pyrene-d10	19.30	212	2785267	28.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	3402079	27.77	ng/ul	-0.01

Target Compounds

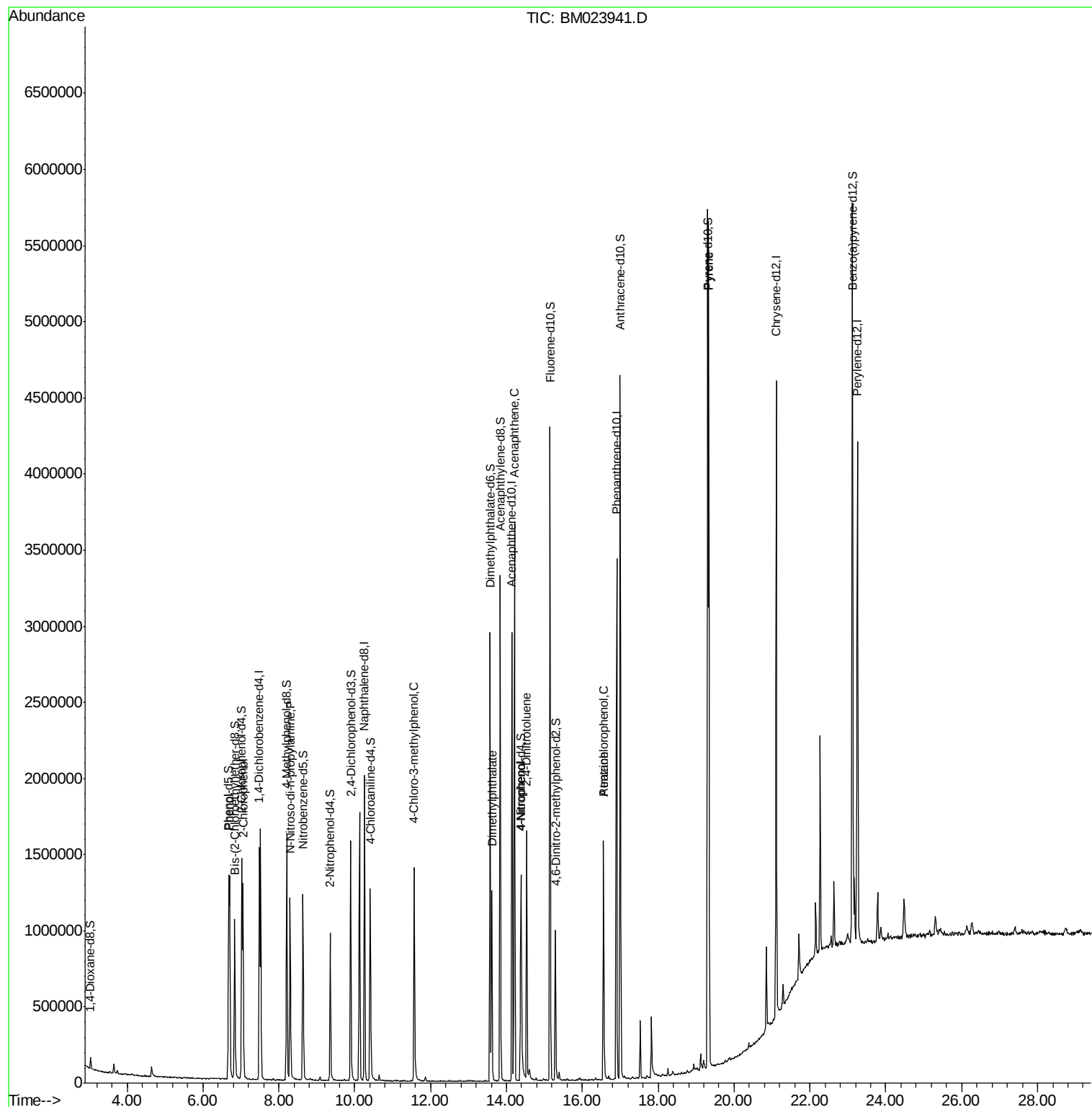
					Ovalue	
6) Phenol	6.70	94	767771	20.889	ng/ul	99
10) 2-Chlorophenol	7.06	128	586320	20.749	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	474913	20.609	ng/ul	99
33) 4-Chloro-3-methylphenol	11.57	107	582961	20.850	ng/ul	98
45) Dimethylphthalate	13.62	163	816109	10.962	ng/ul	99
50) Acenaphthene	14.21	153	1396816	21.813	ng/ul	98
53) 4-Nitrophenol	14.39	109	206484	21.916	ng/ul	98
55) 2,4-Dinitrotoluene	14.53	165	479241	22.620	ng/ul	96
68) Atrazine	16.56	200	42155	1.908	ng/ul#	35
69) Pentachlorophenol	16.56	266	296309	18.590	ng/ul	97
80) Pyrene	19.33	202	3145484	24.978	ng/ul	99

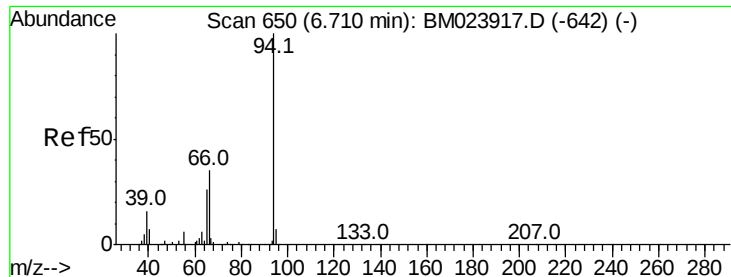
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 20.889 ng/ul

RT: 6.70 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

Instrument :

BNA_M

ClientSampleId :

JLNT7MS

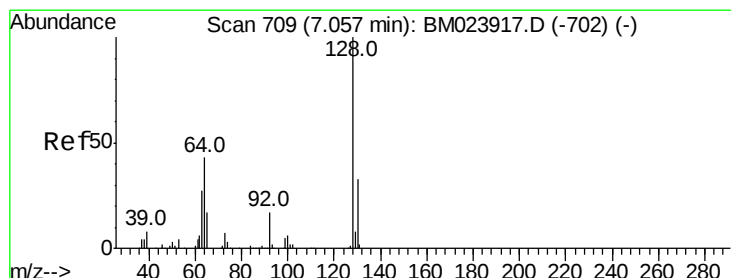
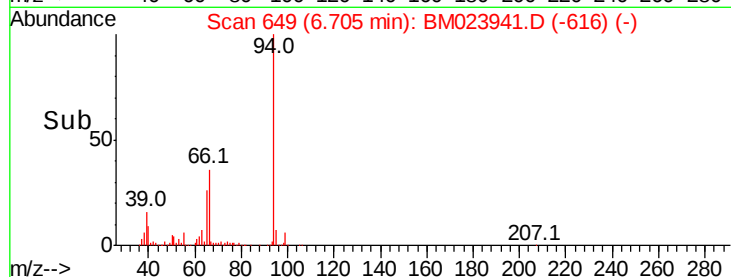
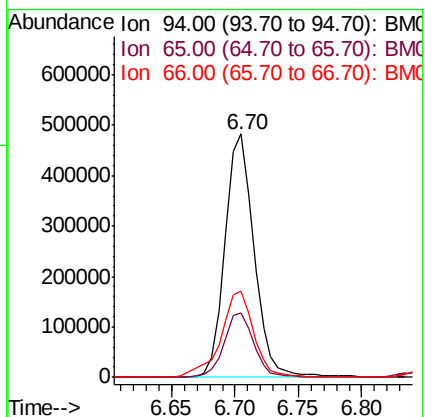
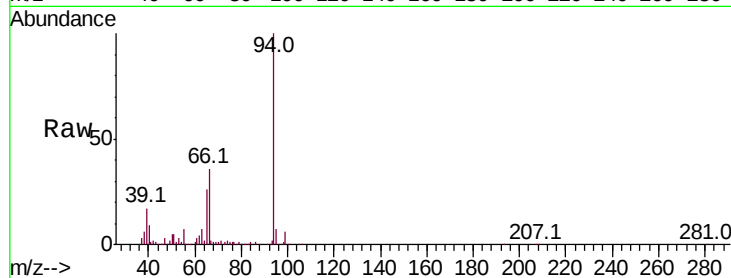
Tot Ion: 94 Resp: 767771

Ion Ratio Lower Upper

94 100

65 26.5 20.8 31.2

66 35.6 28.6 43.0



#10

2-Chlorophenol

Concen: 20.749 ng/ul

RT: 7.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

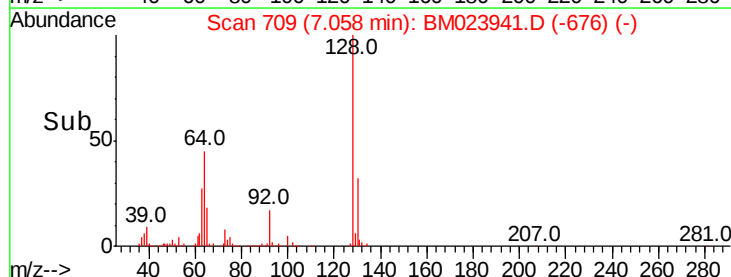
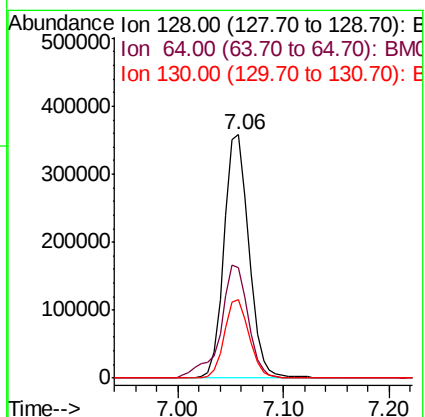
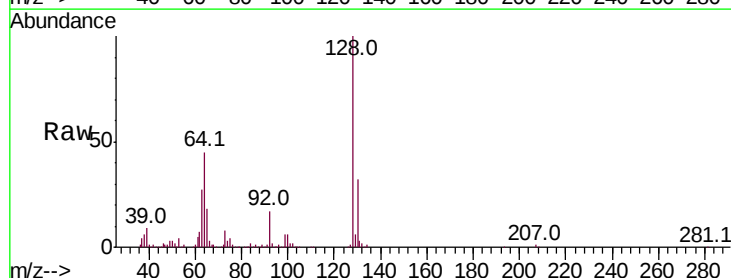
Tgt Ion: 128 Resp: 586320

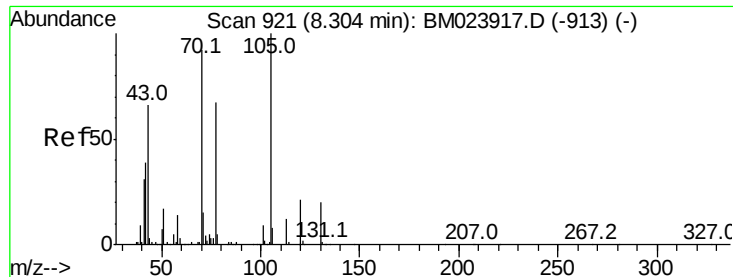
Ion Ratio Lower Upper

128 100

64 45.2 37.0 55.4

130 32.0 25.3 37.9

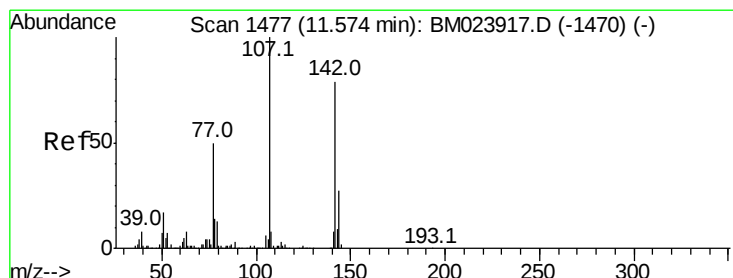
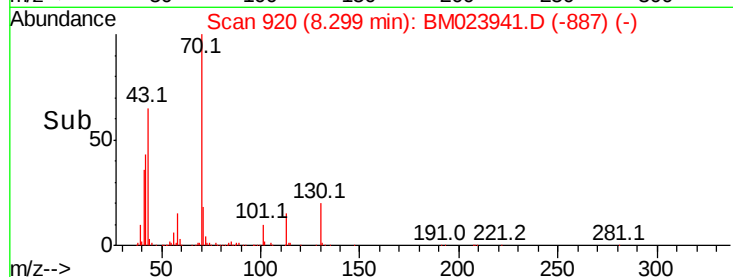
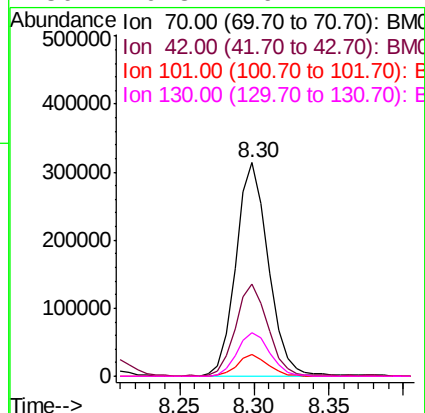
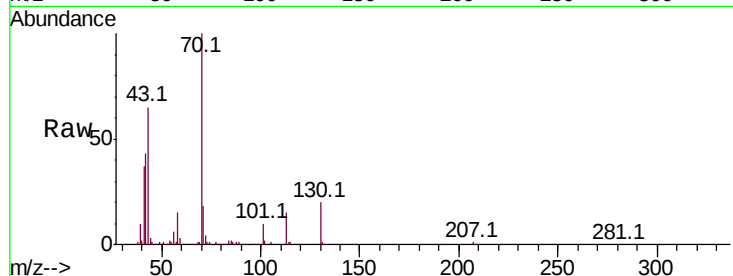




#15
N-Nitroso-di-n-propylamine
Concen: 20.609 ng/ul
RT: 8.30 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

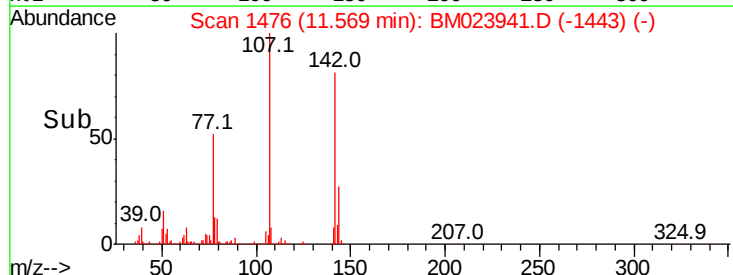
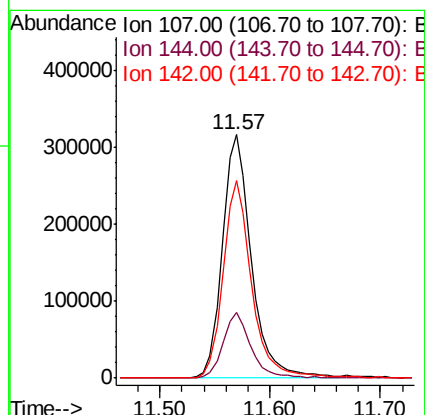
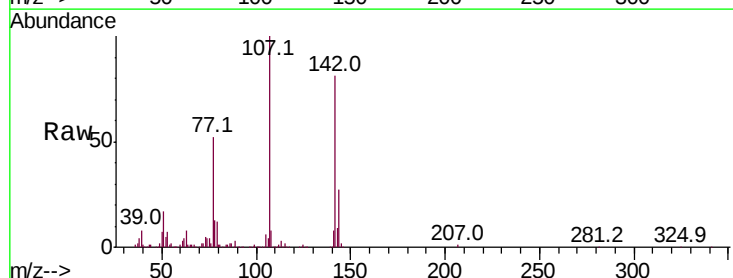
Instrument :
BNA_M
ClientSampleId :
JLNT7MS

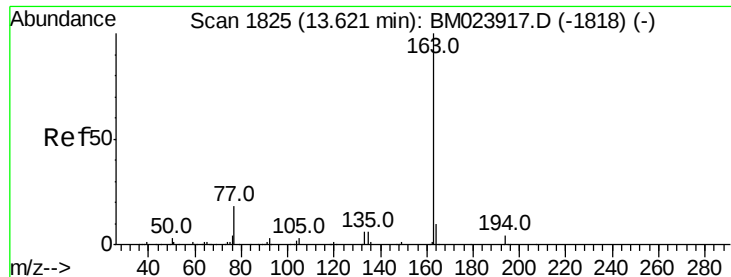
Tot Ion:	70	Resp:	474913
Ion	Ratio	Lower	Upper
70	100		
42	43.1	34.4	51.6
101	10.1	7.3	10.9
130	20.3	16.1	24.1



#33
4-Chloro-3-methylphenol
Concen: 20.850 ng/ul
RT: 11.57 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion:	107	Resp:	582961
Ion	Ratio	Lower	Upper
107	100		
144	27.1	19.9	29.9
142	81.3	64.0	96.0

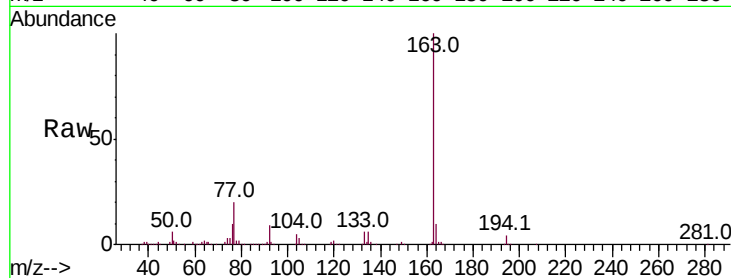




#45
Dimethylphthalate
Concen: 10.962 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Instrument :
BNA_M
ClientSampleId :
JLNT7MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.8	8.0	12.0

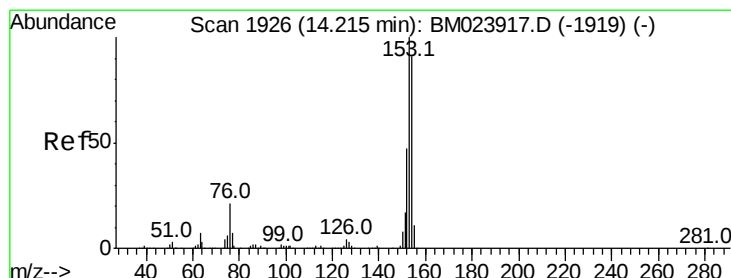
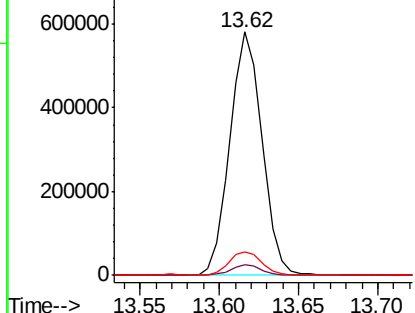
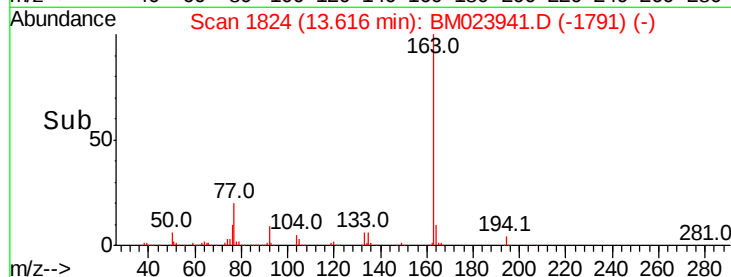


Abundance

Ion 163.00 (162.70 to 163.70): E

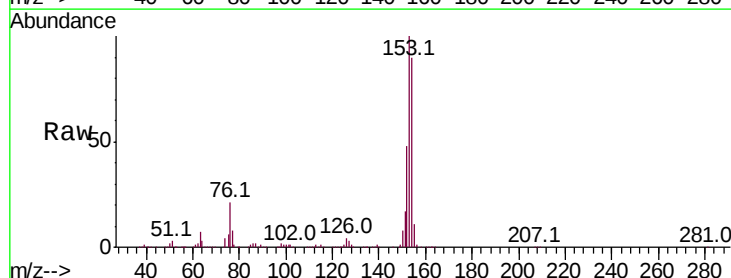
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 21.813 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM023941.D
Acq: 28 Nov 2019 08:19

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.6	36.8	55.2
154	89.7	70.8	106.2

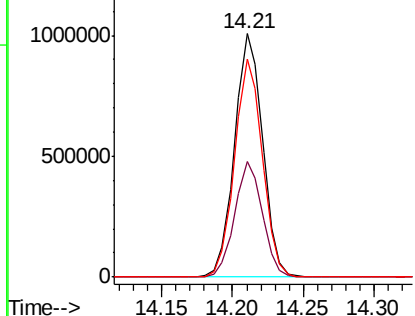
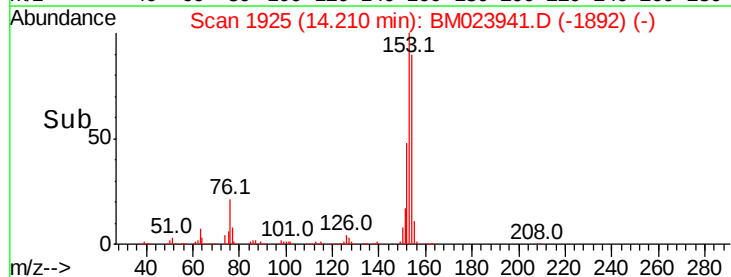


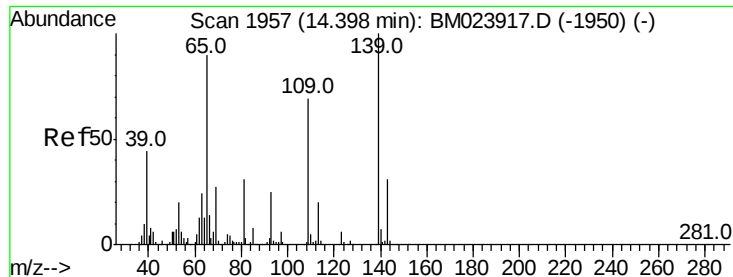
Abundance

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: 21.916 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

Instrument :

BNA_M

ClientSampleId :

JLNT7MS

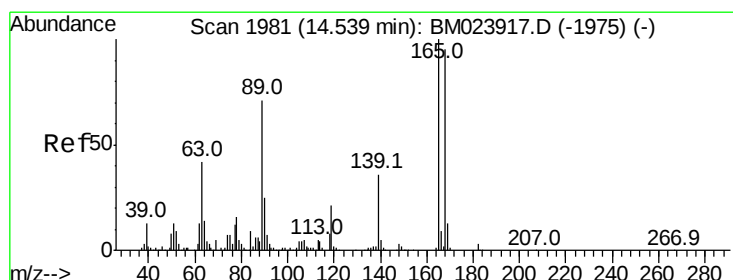
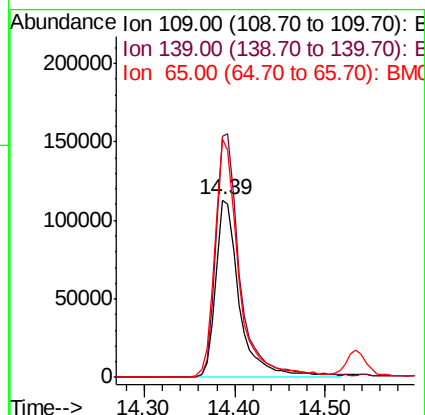
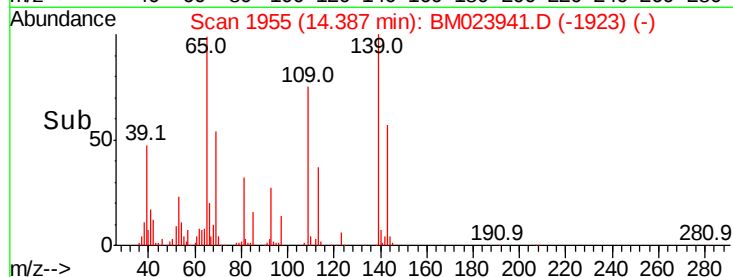
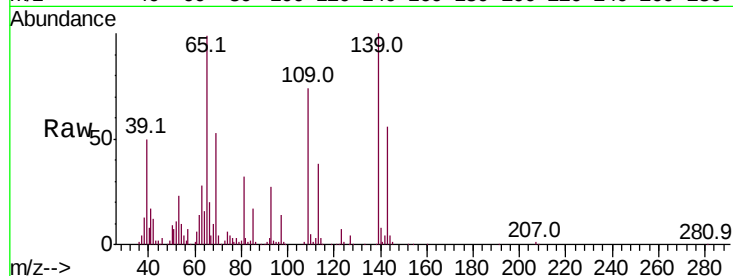
Tot Ion:109 Resp: 206484

Ion Ratio Lower Upper

109 100

139 135.7 111.8 167.6

65 134.0 106.2 159.2



#55

2,4-Dinitrotoluene

Concen: 22.620 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

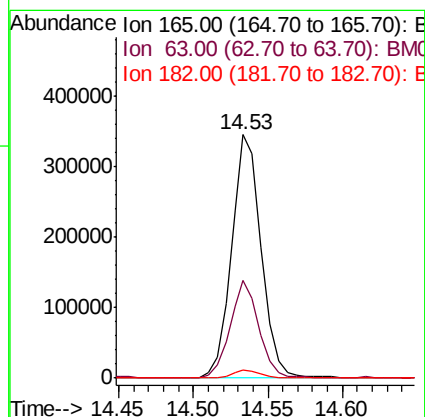
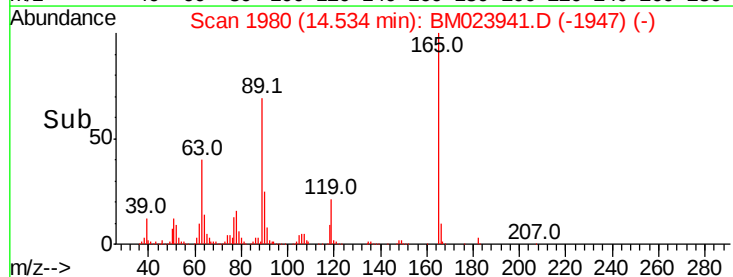
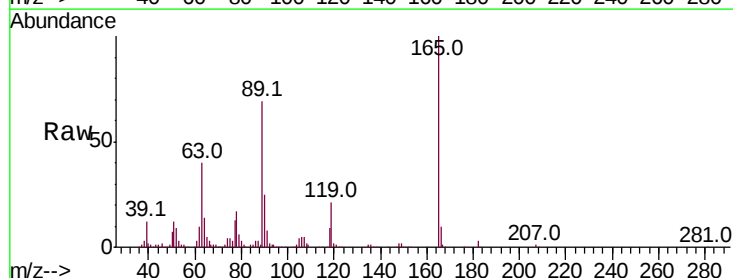
Tgt Ion:165 Resp: 479241

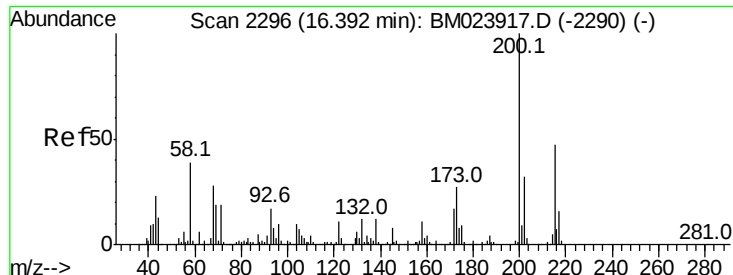
Ion Ratio Lower Upper

165 100

63 40.2 34.1 51.1

182 3.1 2.3 3.5





#68

Atrazine

Concen: 1.908 ng/ul

RT: 16.56 min Scan# 2325

Delta R.T. 0.17 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

Instrument :

BNA_M

ClientSampleId :

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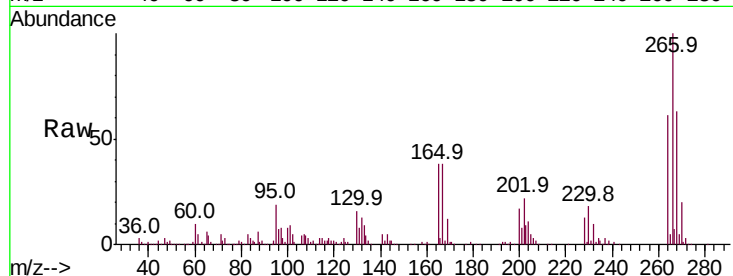
Tot Ion:200 Resp: 42155

Ion Ratio Lower Upper

200 100

173 0.0 21.4 32.2#

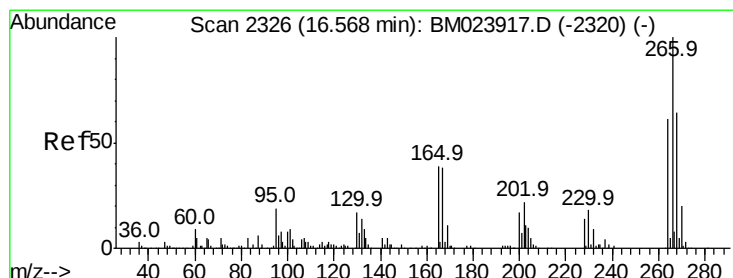
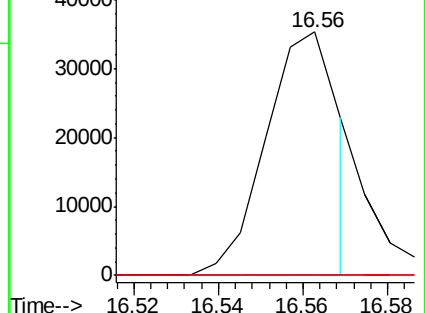
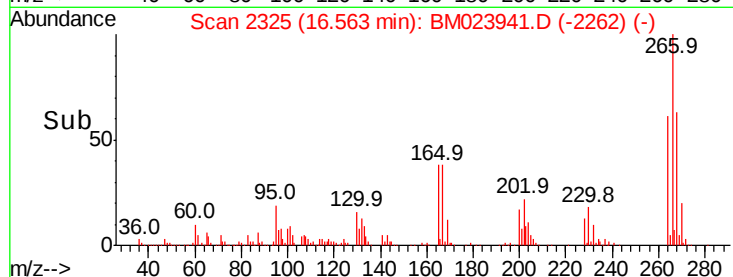
215 0.0 39.5 59.3#



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 18.590 ng/ul

RT: 16.56 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BM023941.D

Acq: 28 Nov 2019 08:19

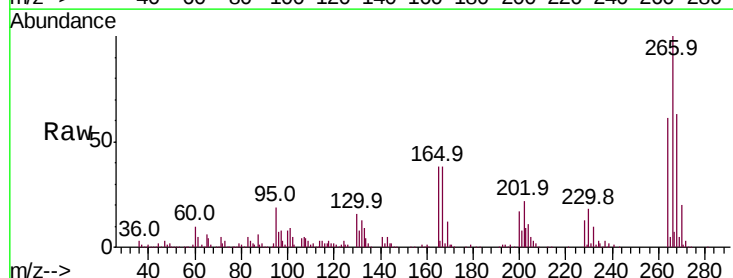
Tgt Ion:266 Resp: 296309

Ion Ratio Lower Upper

266 100

264 60.8 50.5 75.7

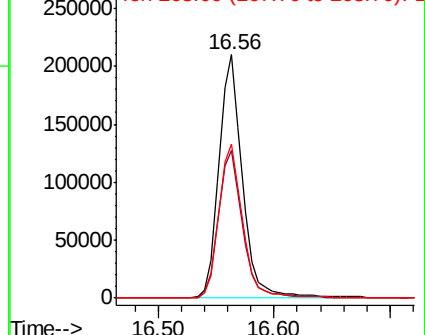
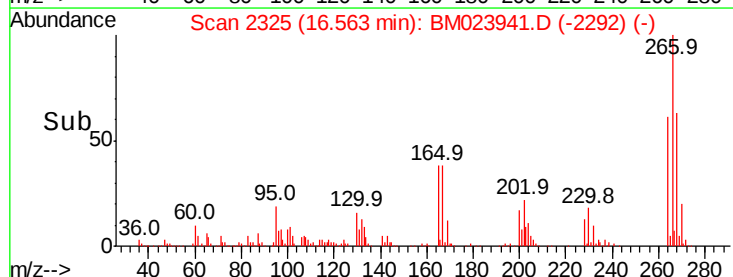
268 63.1 52.6 78.8

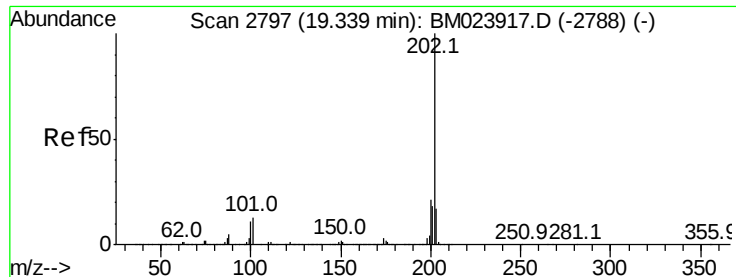


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#80
 Pvrene
 Concen: 24.978 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023941.D
 Acq: 28 Nov 2019 08:19

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MS

Tot Ion: 202 Resp: 3145484

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.5	17.3
100	11.6	9.1	13.7

