

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
 Data File : BM023942.D
 Acq On : 28 Nov 2019 08:55
 Operator : JU
 Sample : K5915-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MSD

Quant Time: Nov 28 21:36:05 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	382705	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1546256	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	948128	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1985650	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1990706	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2434553	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	32928	3.83	ng/uL	0.00
5) Phenol-d5	6.67	99	649210	19.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	407674	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	527505	20.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	517273	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	252961	21.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	274847	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	511140	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.41	131	641155	22.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1662279	22.56	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1939642	22.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	216598	17.49	ng/ul	0.00
58) Fluorene-d10	15.15	176	1439615	23.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	196856	15.79	ng/ul	0.00
71) Anthracene-d10	17.00	188	2222290	23.43	ng/ul	0.00
79) Pyrene-d10	19.30	212	2510020	24.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	3140882	24.41	ng/ul	-0.01

Target Compounds

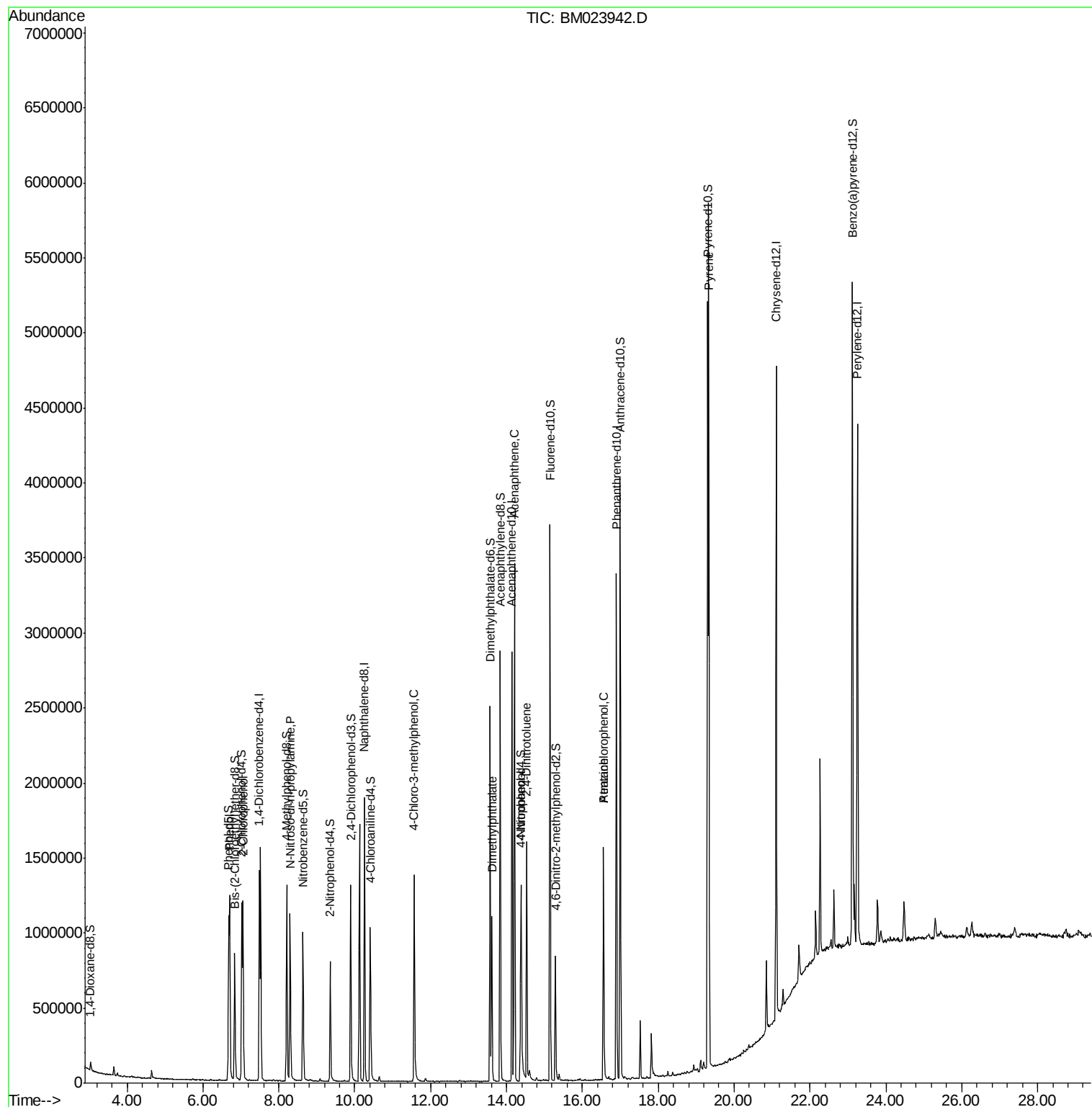
					Ovalue
6) Phenol	6.70	94	730708	21.177	ng/ul 99
10) 2-Chlorophenol	7.06	128	551764	20.800	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.30	70	454620	21.016	ng/ul 99
33) 4-Chloro-3-methylphenol	11.57	107	575570	21.909	ng/ul 96
45) Dimethylphthalate	13.62	163	706315	9.794	ng/ul 100
50) Acenaphthene	14.21	153	1371143	22.105	ng/ul 99
53) 4-Nitrophenol	14.39	109	210089	23.020	ng/ul 99
55) 2,4-Dinitrotoluene	14.53	165	469955	22.900	ng/ul 97
68) Atrazine	16.56	200	33982	1.542	ng/ul# 35
69) Pentachlorophenol	16.56	266	298483	18.773	ng/ul 100
80) Pyrene	19.33	202	3300124	24.604	ng/ul 99

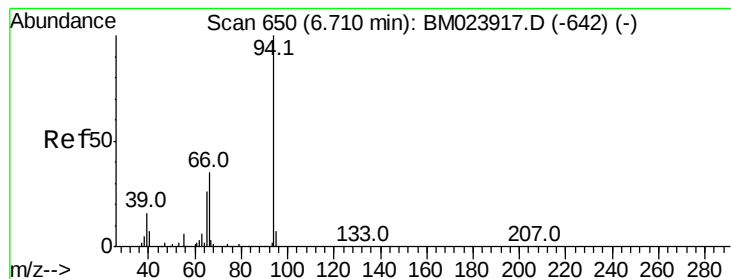
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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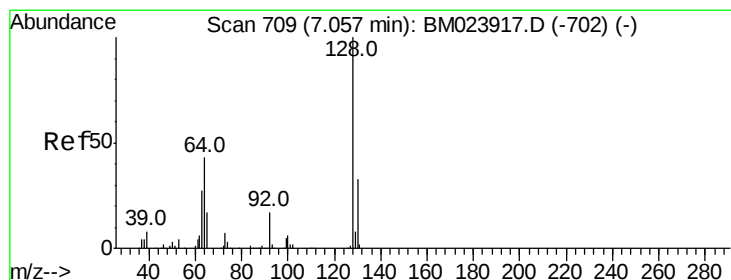
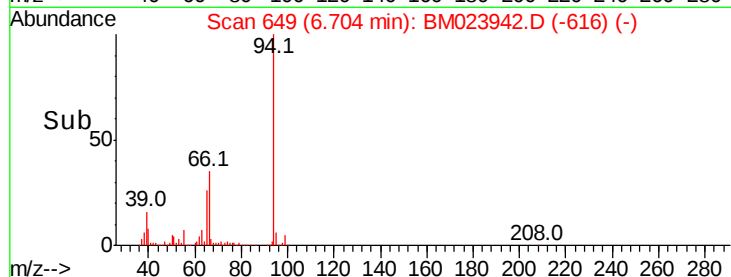
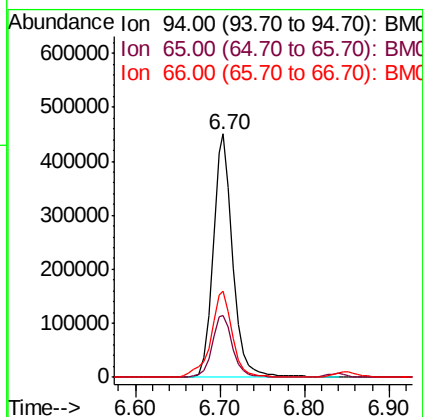
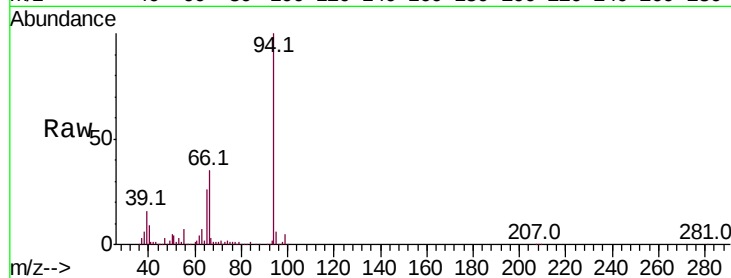
#6

Phenol

Concen: 21.177 ng/ul
 RT: 6.70 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

Instrument :
 BNA_M
 ClientSampleId :
 JLNT7MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	25.6	20.8	31.2
66	35.3	28.6	43.0

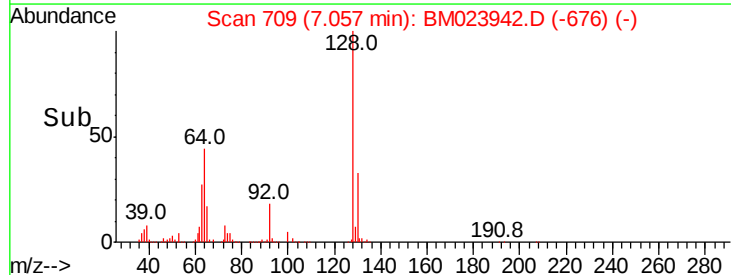
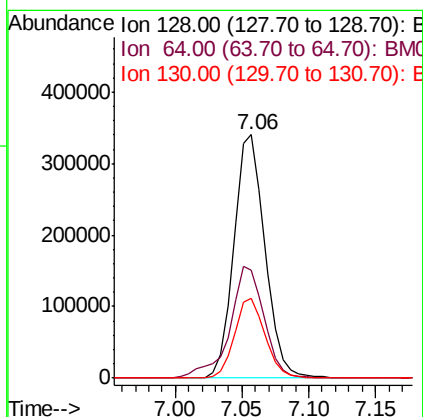
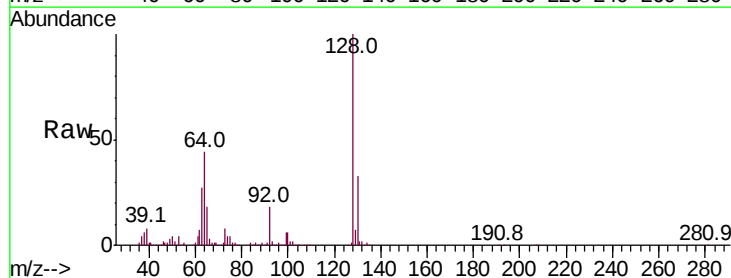


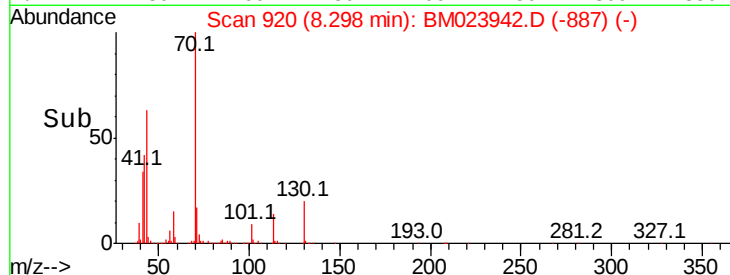
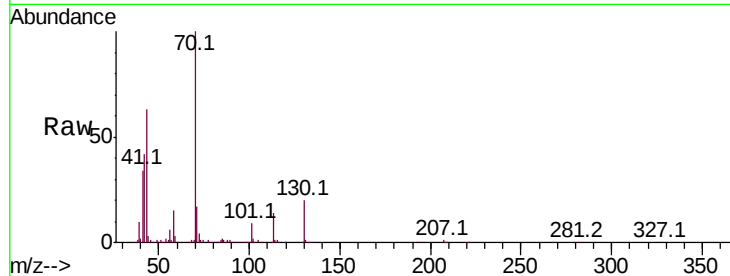
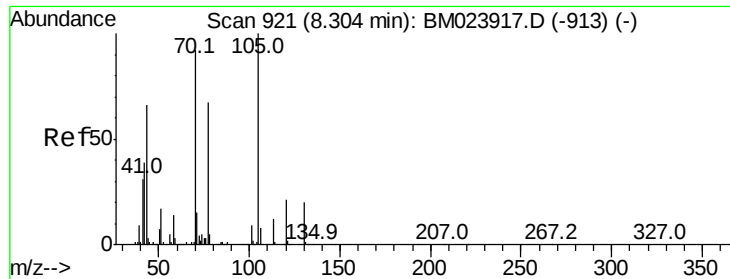
#10

2-Chlorophenol

Concen: 20.800 ng/ul
 RT: 7.06 min Scan# 709
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

Tgt Ion	Ratio	Lower	Upper
128	100		
64	44.3	37.0	55.4
130	33.0	25.3	37.9

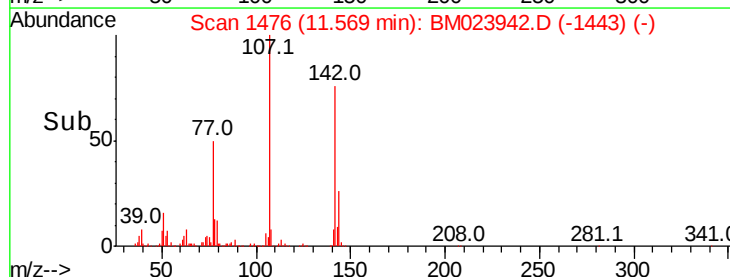
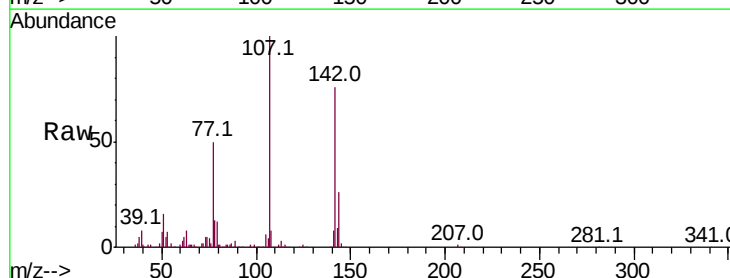
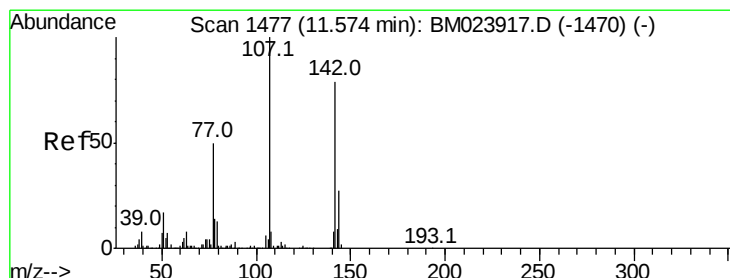
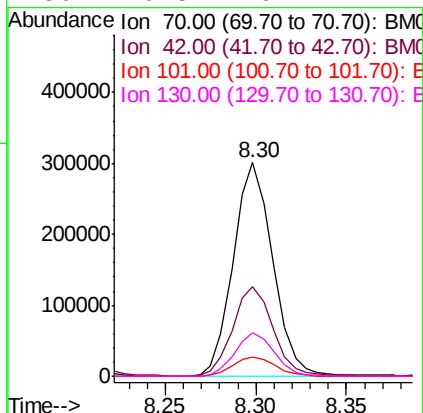




#15
N-Nitroso-di-n-propylamine
Concen: 21.016 ng/ul
RT: 8.30 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

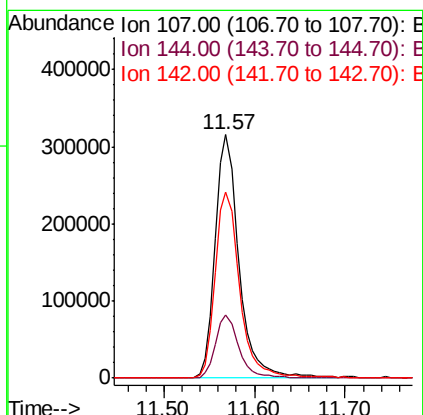
Instrument :
BNA_M
ClientSampleId :
JLNT7MSD

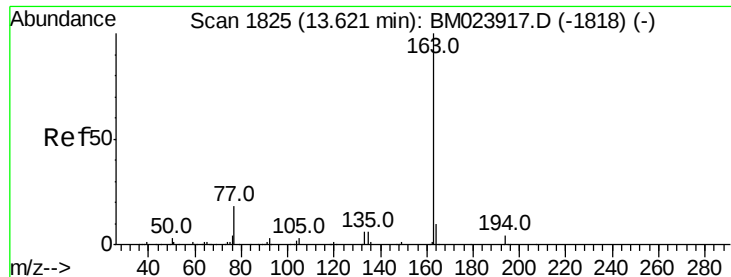
Tot Ion:	70	Resp:	454620
Ion	Ratio	Lower	Upper
70	100		
42	41.8	34.4	51.6
101	9.3	7.3	10.9
130	20.5	16.1	24.1



#33
4-Chloro-3-methylphenol
Concen: 21.909 ng/ul
RT: 11.57 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

Tgt Ion:	107	Resp:	575570
Ion	Ratio	Lower	Upper
107	100		
144	25.7	19.9	29.9
142	76.4	64.0	96.0

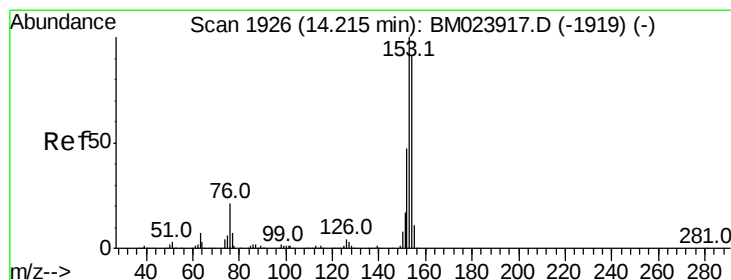
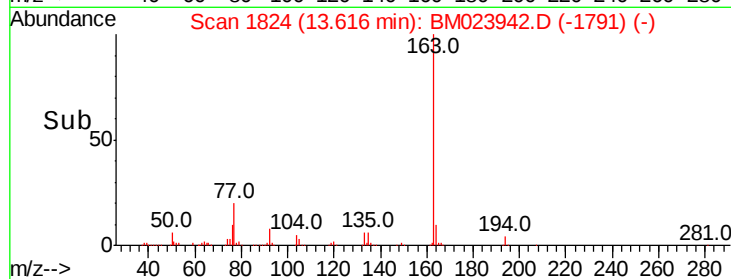
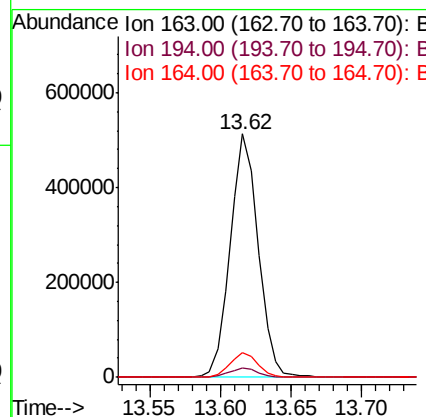
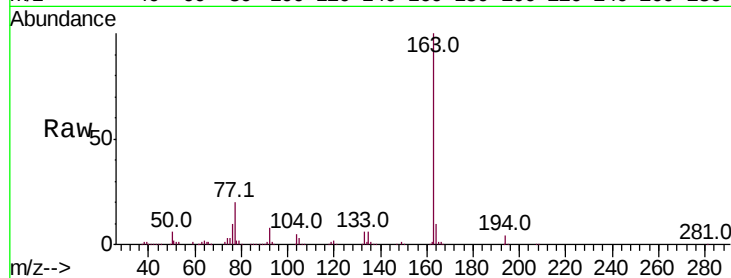




#45
Dimethylphthalate
Concen: 9.794 ng/ul
RT: 13.62 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

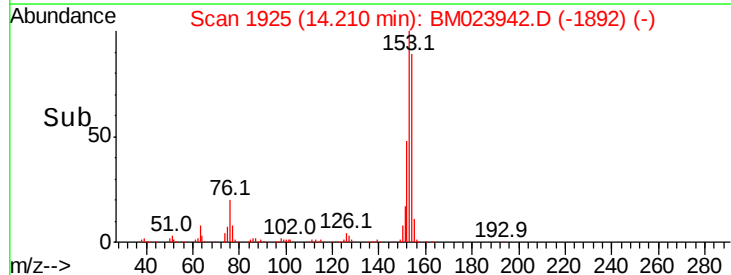
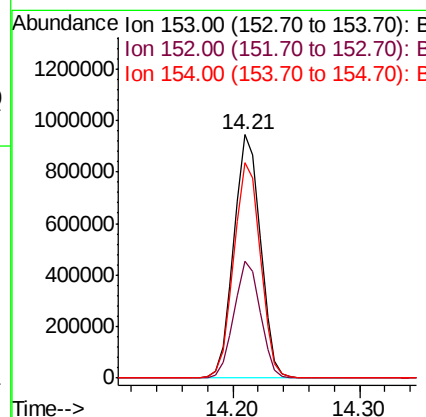
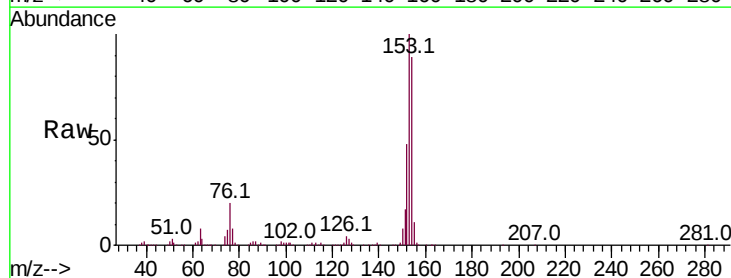
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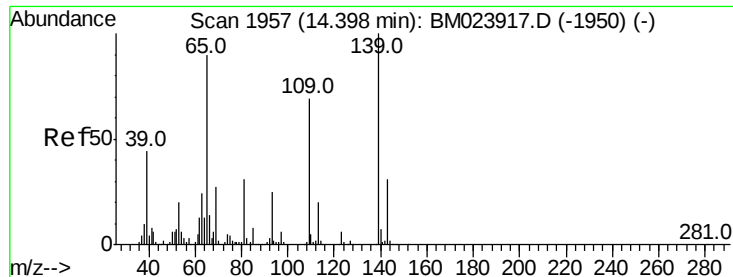
Tot Ion:163 Resp: 706315
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.0 12.0



#50
Acenaphthene
Concen: 22.105 ng/ul
RT: 14.21 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

Tgt Ion:153 Resp: 1371143
Ion Ratio Lower Upper
153 100
152 48.2 36.8 55.2
154 88.6 70.8 106.2





#53

4-Nitrophenol

Concen: 23.020 ng/ul

RT: 14.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

Instrument :

BNA_M

ClientSampleId :

JLNT7MSD

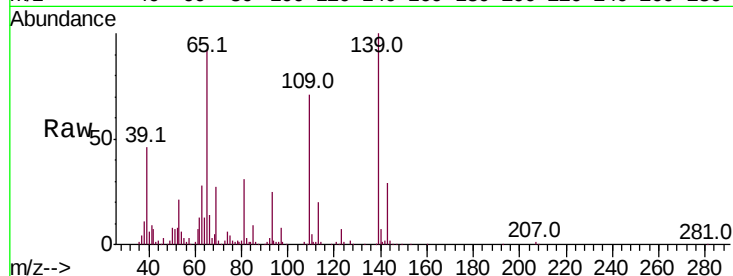
Tot Ion:109 Resp: 210089

Ion Ratio Lower Upper

109 100

139 140.1 111.8 167.6

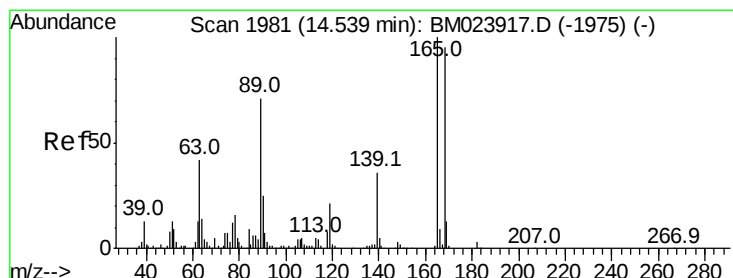
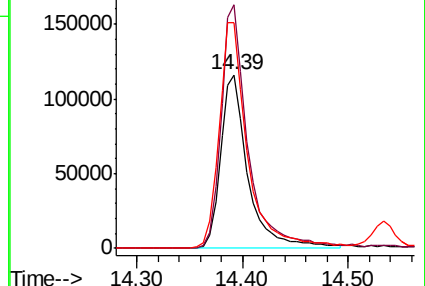
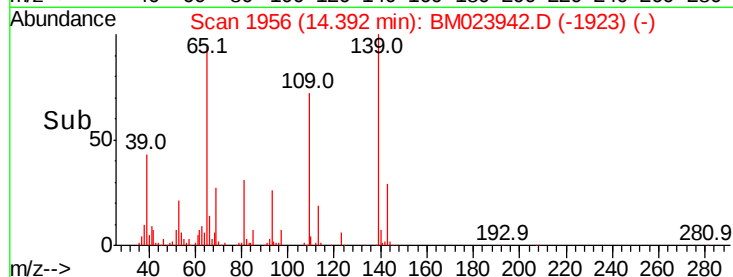
65 129.6 106.2 159.2



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: 22.900 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM023942.D

Acq: 28 Nov 2019 08:55

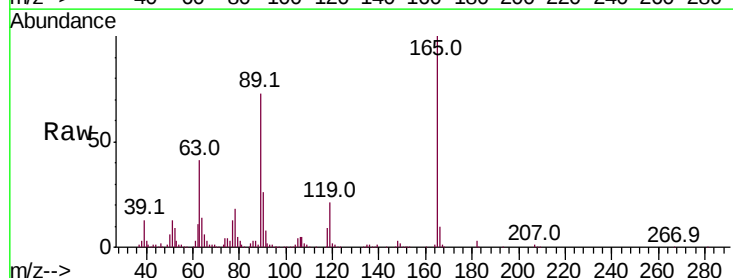
Tgt Ion:165 Resp: 469955

Ion Ratio Lower Upper

165 100

63 40.9 34.1 51.1

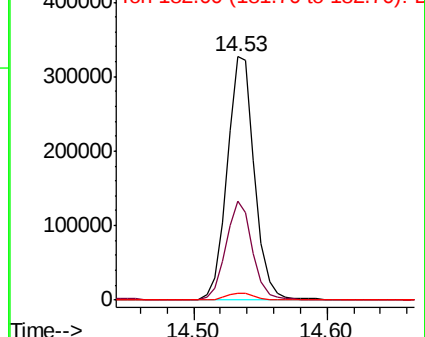
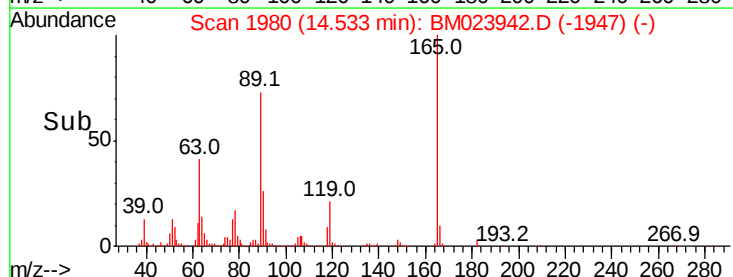
182 3.0 2.3 3.5

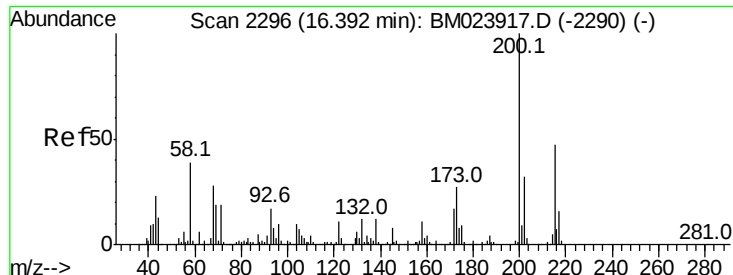


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E

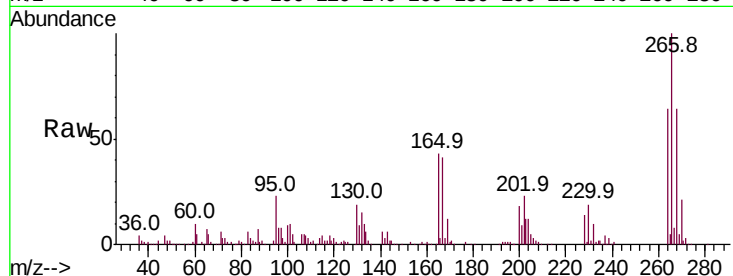




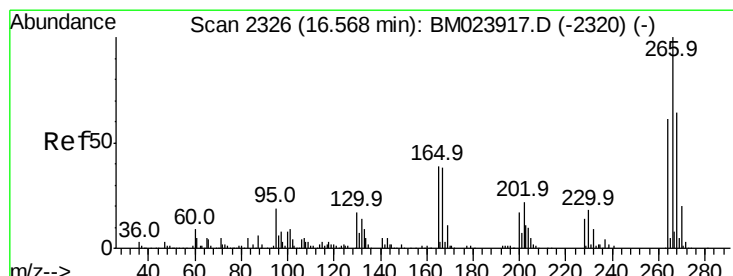
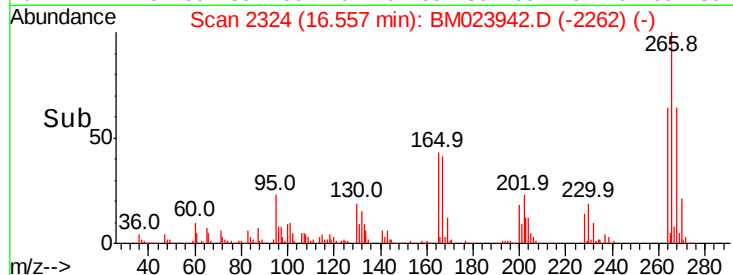
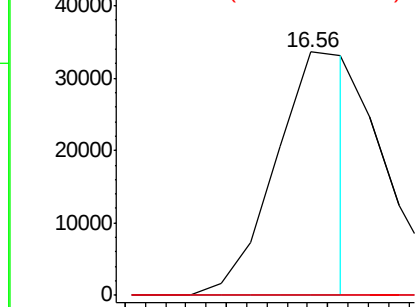
#68
Atrazine
Concen: 1.542 ng/ul
RT: 16.56 min Scan# 2324
Delta R.T. 0.16 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

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BNA_M
ClientSampleId :
JLNT7MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	21.4	32.2#
215	0.0	39.5	59.3#

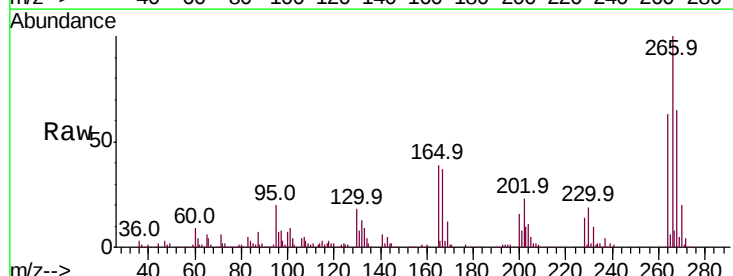


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

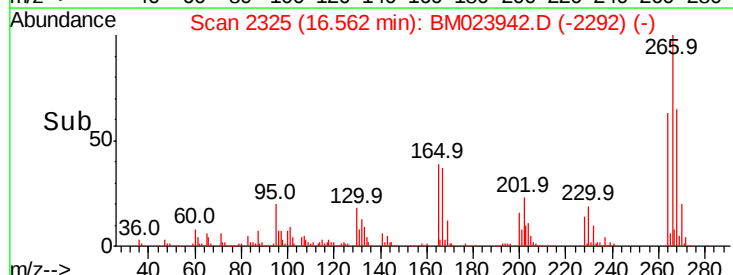
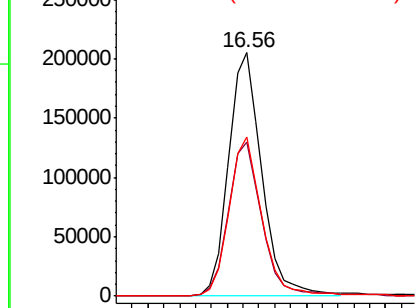


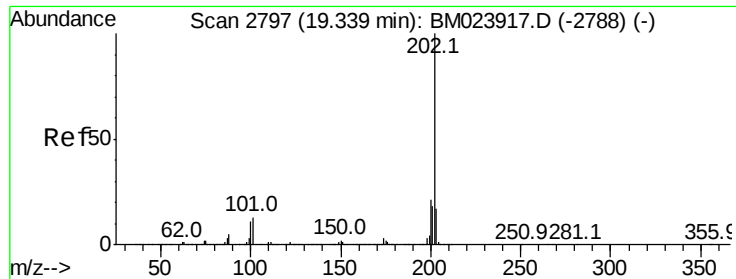
#69
Pentachlorophenol
Concen: 18.773 ng/ul
RT: 16.56 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM023942.D
Acq: 28 Nov 2019 08:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.5	75.7
268	65.3	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: 24.604 ng/ul
 RT: 19.33 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BM023942.D
 Acq: 28 Nov 2019 08:55

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Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.5	17.3
100	11.7	9.1	13.7

