

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091520\
 Data File : BM027413.D
 Acq On : 15 Sep 2020 15:51
 Operator : JU/CG
 Sample : L3999-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H17Y3MS

Quant Time: Sep 15 16:24:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 15 13:17:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	118308	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	417873	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	259744	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	565454	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	589835	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	675595	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	8499	3.20	ng/uL	0.00
5) Phenol-d5	6.75	99	111403	11.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	90921	14.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	96381	13.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	87931	11.06	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	45959	14.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	46730	13.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	91726	12.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	99527	11.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	305680	14.79	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	357285	15.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	18925	5.20	ng/ul	0.00
58) Fluorene-d10	15.20	176	273289	14.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	22523	6.22	ng/ul	0.00
71) Anthracene-d10	17.04	188	406164	15.19	ng/ul	0.00
79) Pyrene-d10	19.34	212	469657	17.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	508608	14.04	ng/ul	0.00

Target Compounds

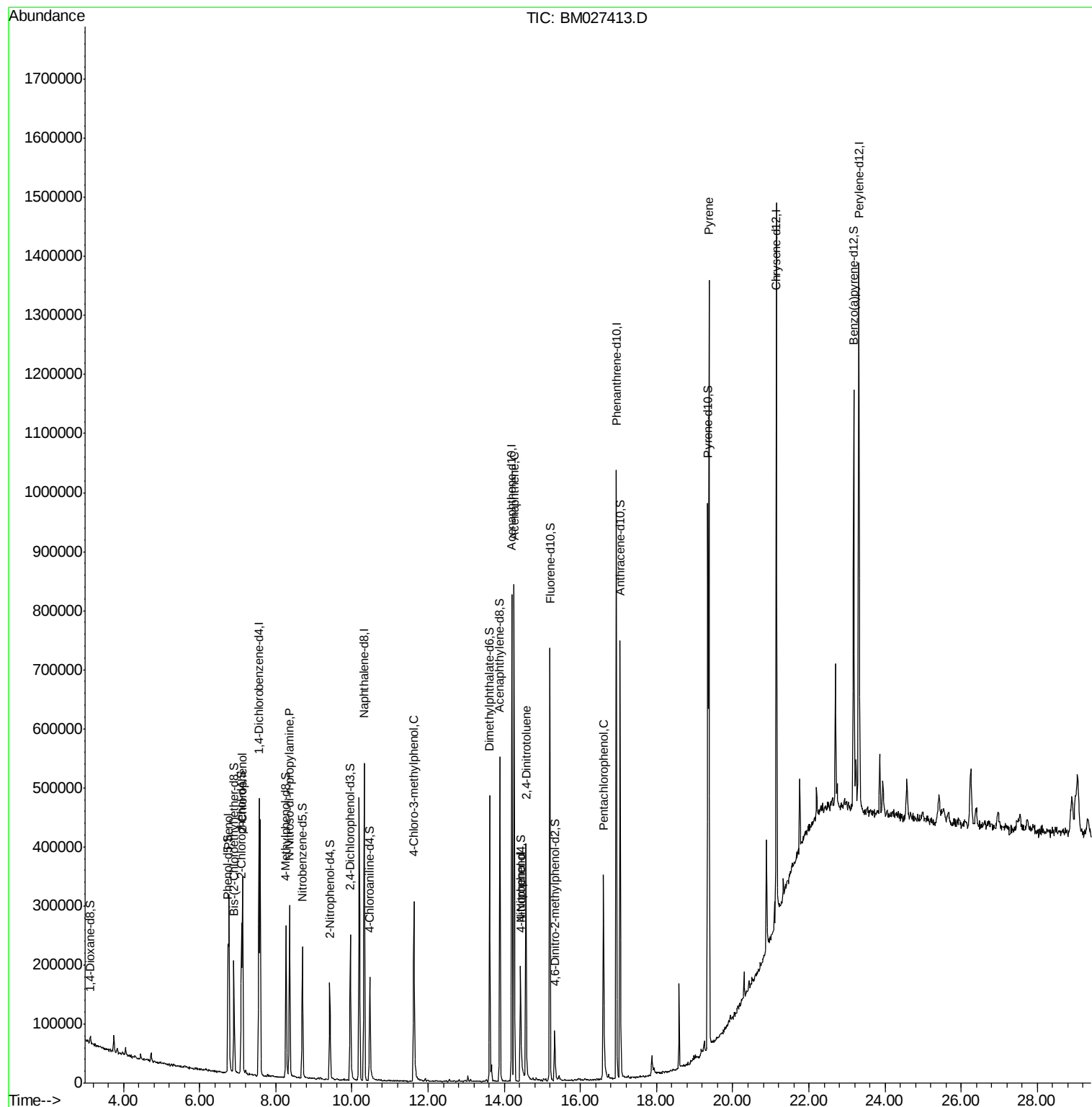
					Ovalue
6) Phenol	6.77	94	155429	14.997	ng/ul 89
10) 2-Chlorophenol	7.13	128	129284	17.359	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.36	70	127231	16.658	ng/ul 97
33) 4-Chloro-3-methylphenol	11.63	107	120825	15.346	ng/ul 99
50) Acenaphthene	14.26	153	310763	18.360	ng/ul 97
53) 4-Nitrophenol	14.43	109	39849	10.505	ng/ul 94
55) 2,4-Dinitrotoluene	14.57	165	104005	16.246	ng/ul 100
69) Pentachlorophenol	16.60	266	71951	14.795	ng/ul 96
80) Pvrene	19.37	202	735626	20.616	ng/ul 99

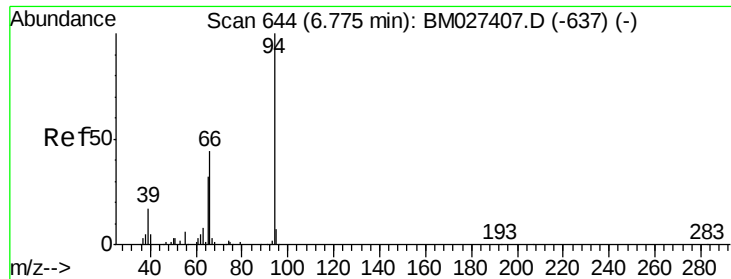
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 14.997 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM027413.D

Acq: 15 Sep 2020 15:51

Instrument :

BNA_M

ClientSampleId :

H17Y3MS

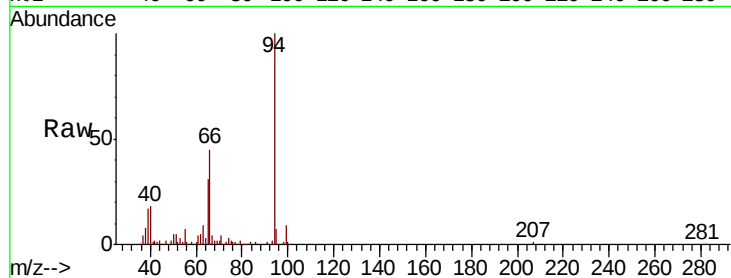
Tot Ion: 94 Resp: 155429

Ion Ratio Lower Upper

94 100

65 31.1 30.2 45.4

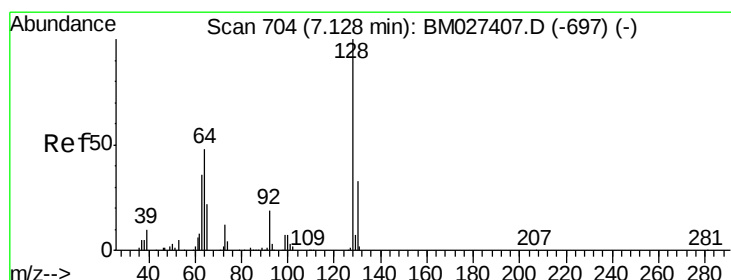
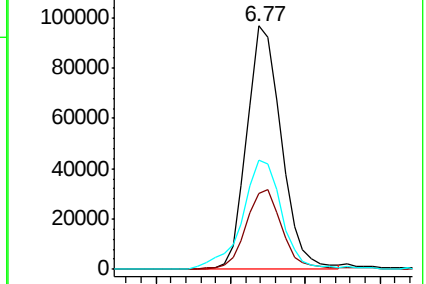
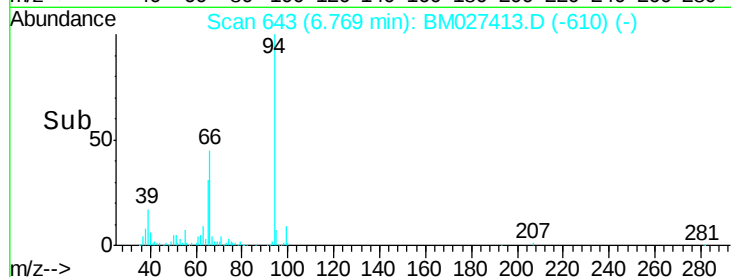
66 44.7 42.4 63.6



Abundance Ion 94.00 (93.70 to 94.70): BM027413.D (-610) (-)

Ion 65.00 (64.70 to 65.70): BM027413.D (-610) (-)

Ion 66.00 (65.70 to 66.70): BM027413.D (-610) (-)



#10

2-Chlorophenol

Concen: 17.359 ng/ul

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM027413.D

Acq: 15 Sep 2020 15:51

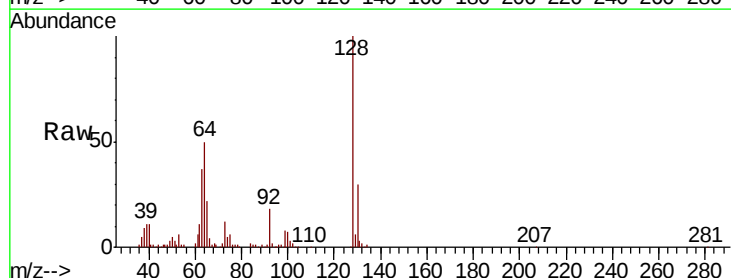
Tgt Ion: 128 Resp: 129284

Ion Ratio Lower Upper

128 100

64 49.8 41.1 61.7

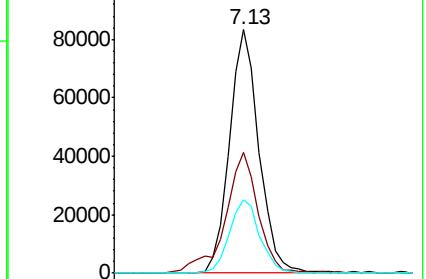
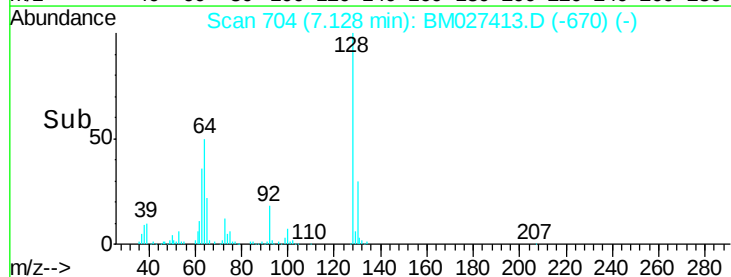
130 30.0 26.8 40.2

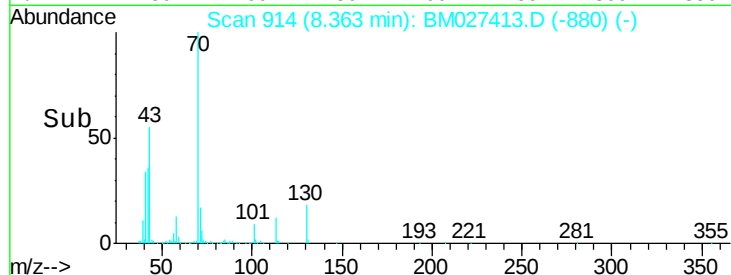
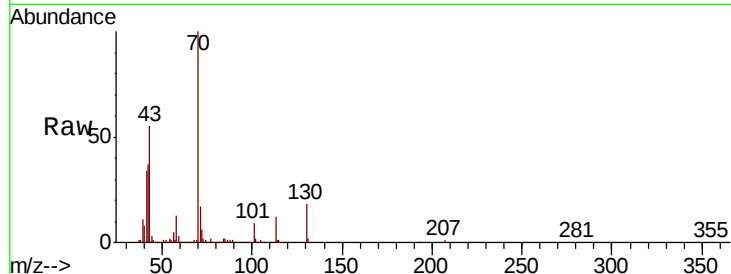
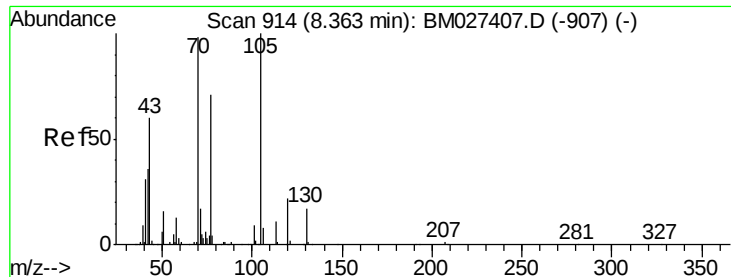


Abundance Ion 128.00 (127.70 to 128.70): BM027413.D (-670) (-)

Ion 64.00 (63.70 to 64.70): BM027413.D (-670) (-)

Ion 130.00 (129.70 to 130.70): BM027413.D (-670) (-)

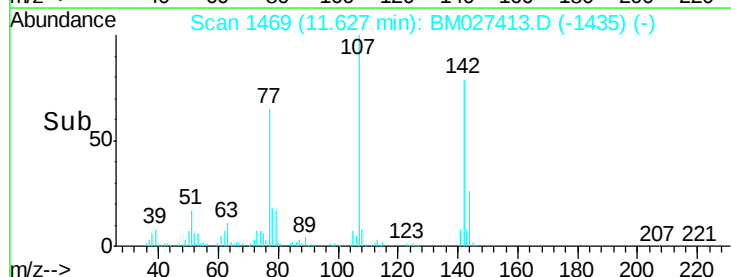
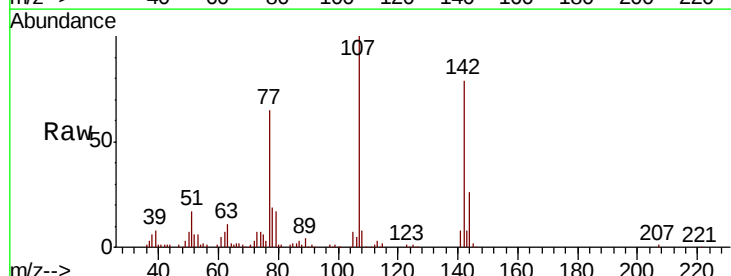
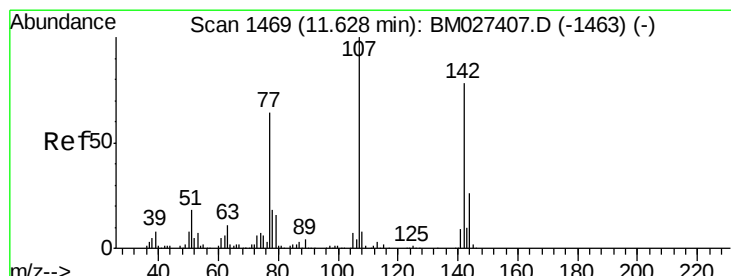
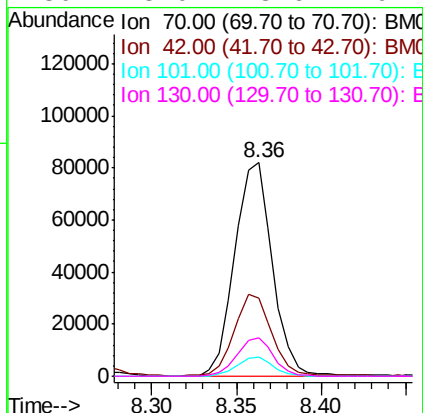




#15
N-Nitroso-di-n-propylamine
Concen: 16.658 ng/ul
RT: 8.36 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM027413.D
Acq: 15 Sep 2020 15:51

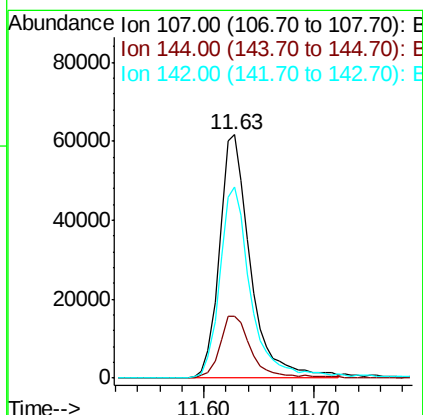
Instrument :
BNA_M
ClientSampleId :
H17Y3MS

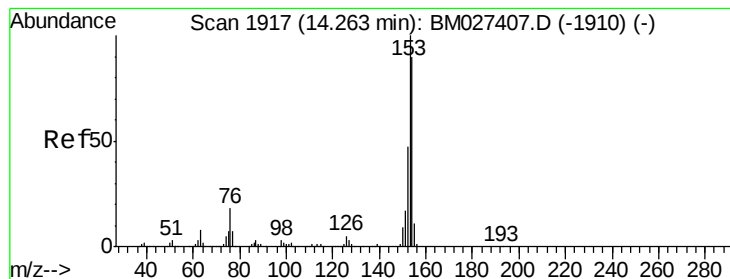
Tot Ion:	70	Resp:	127231
Ion	Ratio	Lower	Upper
70	100		
42	36.7	31.0	46.4
101	8.8	7.0	10.6
130	18.0	13.6	20.4



#33
4-Chloro-3-methylphenol
Concen: 15.346 ng/ul
RT: 11.63 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BM027413.D
Acq: 15 Sep 2020 15:51

Tgt Ion:	107	Resp:	120825
Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.7	29.5
142	78.6	62.0	93.0





#50

Acenaphthene

Concen: 18.360 ng/ul

RT: 14.26 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM027413.D

Acq: 15 Sep 2020 15:51

Instrument :

BNA_M

ClientSampleId :

H17Y3MS

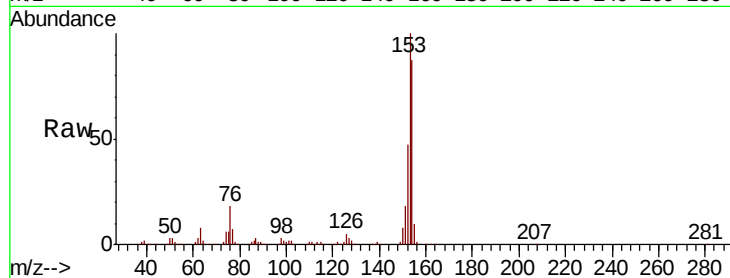
Tot Ion:153 Resp: 310763

Ion Ratio Lower Upper

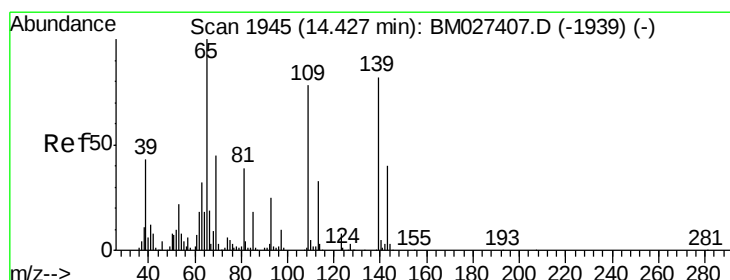
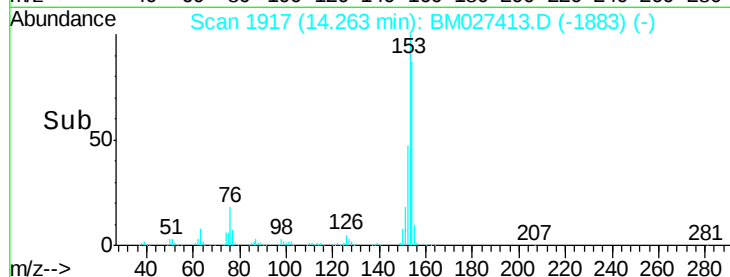
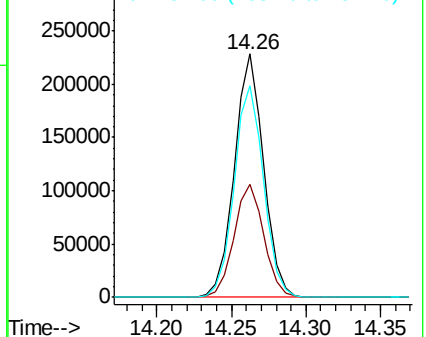
153 100

152 46.6 38.1 57.1

154 86.9 72.5 108.7



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: 10.505 ng/ul

RT: 14.43 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM027413.D

Acq: 15 Sep 2020 15:51

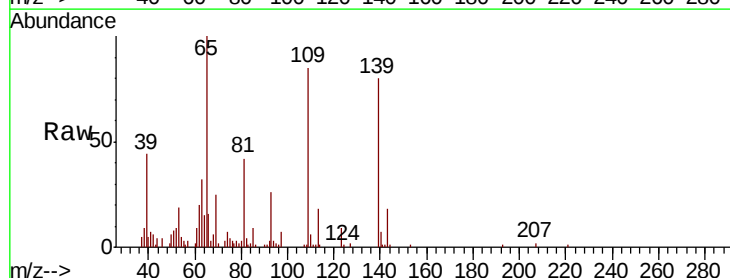
Tgt Ion:109 Resp: 39849

Ion Ratio Lower Upper

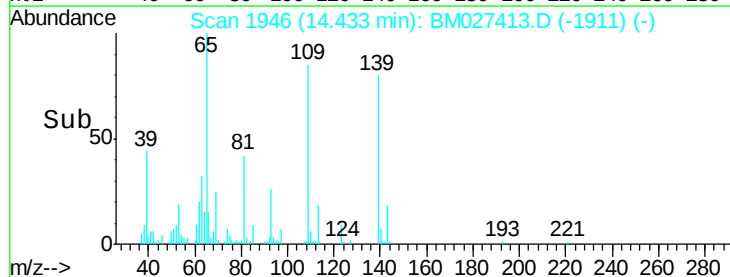
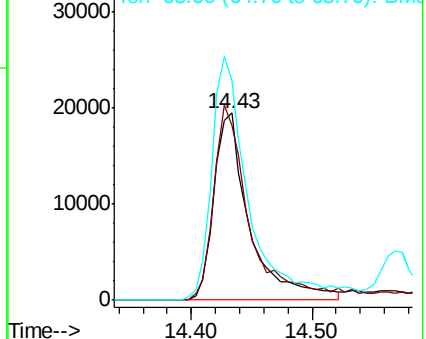
109 100

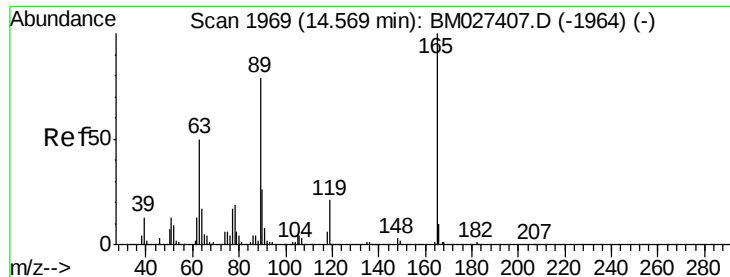
139 93.5 80.8 121.2

65 117.1 98.6 147.8



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

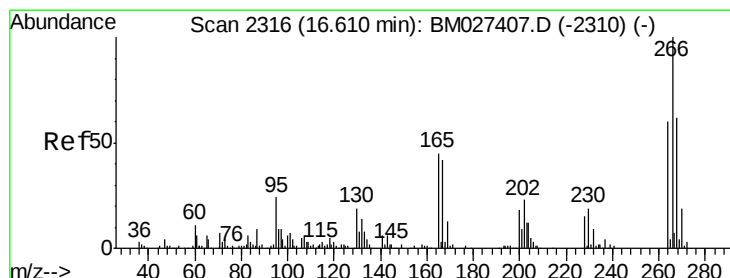
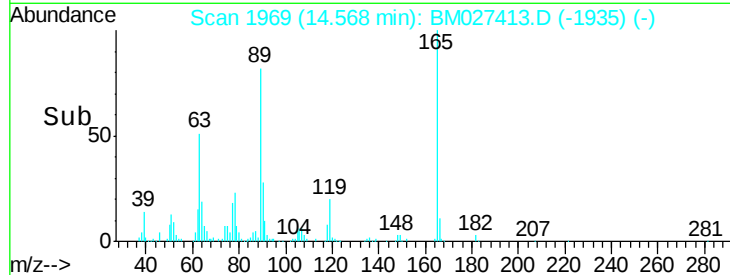
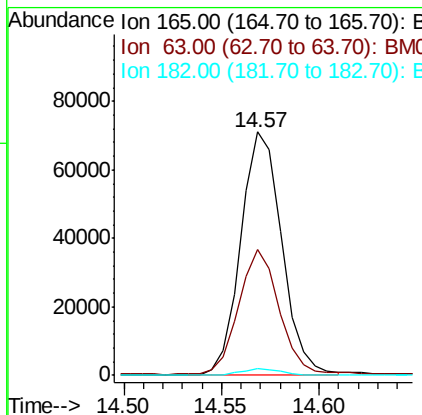
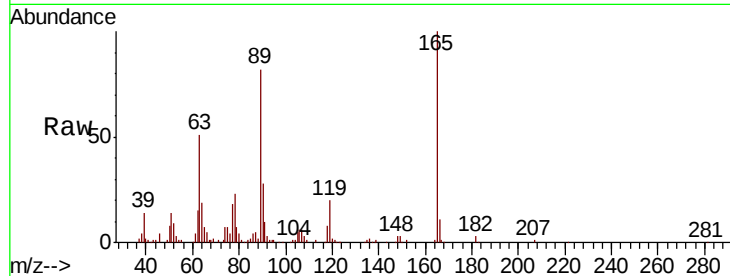




#55
 2,4-Dinitrotoluene
 Concen: 16.246 ng/ul
 RT: 14.57 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: BM027413.D
 Acq: 15 Sep 2020 15:51

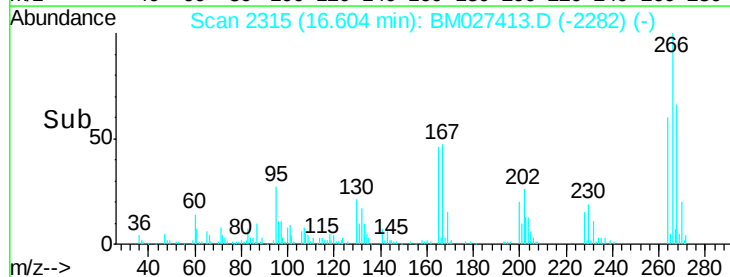
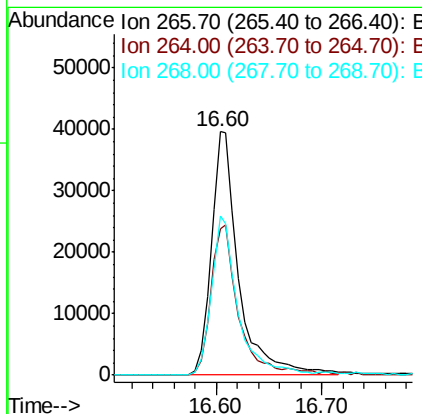
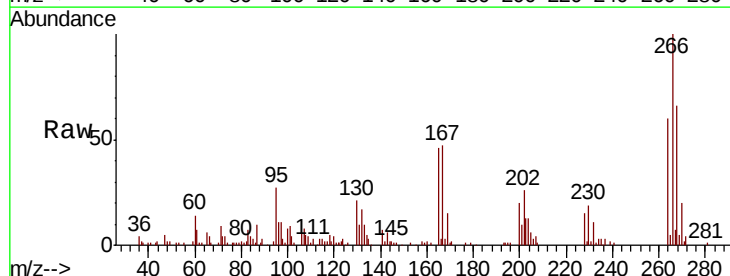
Instrument :
 BNA_M
 ClientSampleId :
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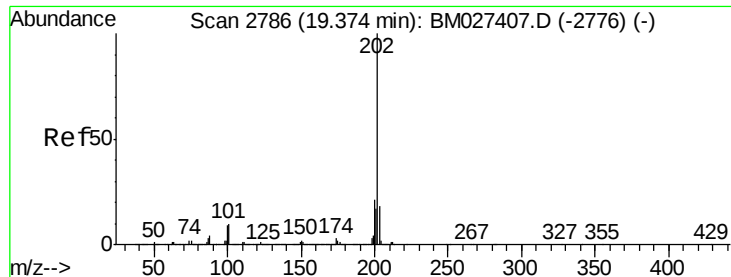
Tot Ion:165	Resp:	104005
Ion Ratio	Lower	Upper
165	100	
63	51.5	41.0 61.6
182	2.8	2.3 3.5



#69
 Pentachlorophenol
 Concen: 14.795 ng/ul
 RT: 16.60 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BM027413.D
 Acq: 15 Sep 2020 15:51

Tgt Ion:266	Resp:	71951
Ion Ratio	Lower	Upper
266	100	
264	60.0	50.0 75.0
268	65.6	49.4 74.0





#80
 Pvrene
 Concen: 20.616 ng/ul
 RT: 19.37 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM027413.D
 Acq: 15 Sep 2020 15:51

Instrument :
 BNA_M
 ClientSampleId :
 H17Y3MS

Tot Ion:	202	Resp:	735626
Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.1	10.7
100	7.8	6.1	9.1

