

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028240.D
 Acq On : 22 Dec 2020 17:16
 Operator : JU/CG
 Sample : L5110-12MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54L7

Quant Time: Dec 23 00:25:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 16:44:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	136800	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	539366	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	286705	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	545341	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	465835	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	459331	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	4098	1.19	ng/uL	0.00
5) Phenol-d5	7.33	99	73389	6.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	49606	6.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	64455	6.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	38784	4.13	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	29180	6.90	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	28905	6.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	54126	6.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	61538	5.96	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	162631	7.36	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	200560	7.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	18060	4.50	ng/ul	0.00
58) Fluorene-d10	15.80	176	140884	7.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	14052	4.33	ng/ul	0.00
71) Anthracene-d10	17.64	188	196010	7.24	ng/ul	0.00
79) Pyrene-d10	19.90	212	211822	8.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	202829	8.02	ng/ul	0.00

Target Compounds

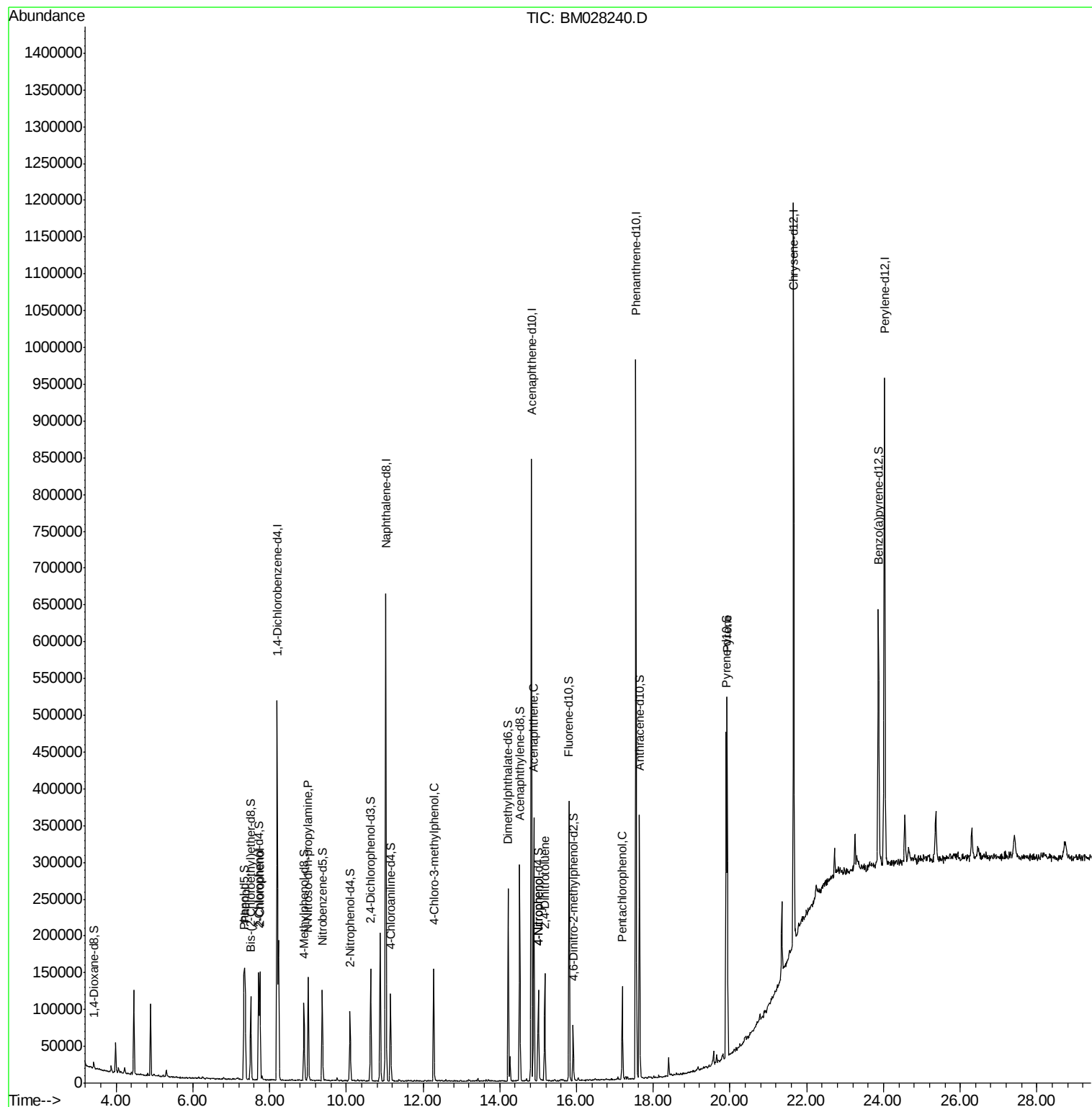
					Ovalue
6) Phenol	7.36	94	77487	6.727	ng/ul 96
10) 2-Chlorophenol	7.75	128	64127	6.465	ng/ul 100
15) N-Nitroso-di-n-propylamine	9.00	70	43653	6.152	ng/ul 94
33) 4-Chloro-3-methylphenol	12.28	107	50253	5.638	ng/ul 98
50) Acenaphthene	14.89	153	138866	6.888	ng/ul 98
53) 4-Nitrophenol	15.00	109	14283	4.570	ng/ul 93
55) 2,4-Dinitrotoluene	15.17	165	36613	5.926	ng/ul 95
69) Pentachlorophenol	17.19	266	21264	5.279	ng/ul 98
80) Pvrene	19.93	202	276014	7.862	ng/ul 99

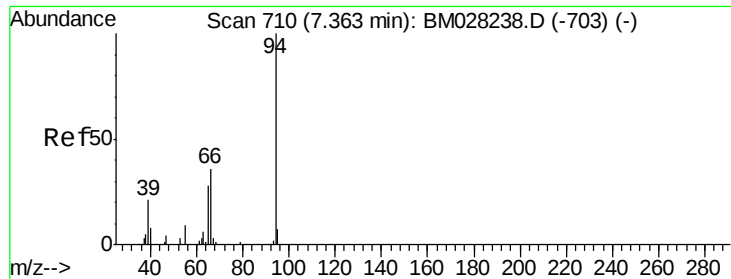
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.727 ng/ul

RT: 7.36 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM028240.D

Acq: 22 Dec 2020 17:16

Instrument :

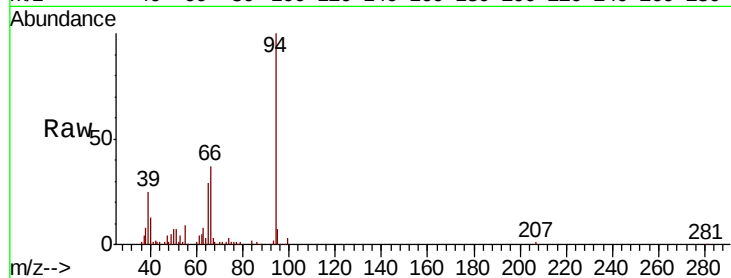
BNA_M

ClientSampleId :

A54L7

Tot Ion: 94 Resp: 77487

Ion	Ratio	Lower	Upper
94	100		
65	29.1	25.4	38.0
66	37.1	31.5	47.3

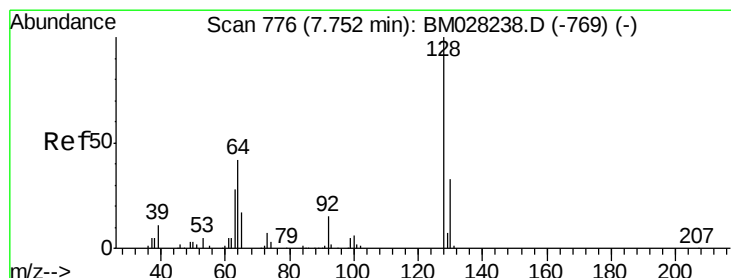
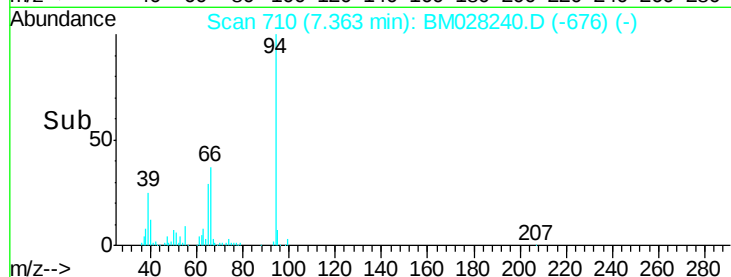
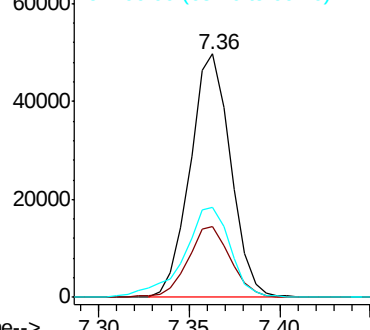


Abundance

Ion 94.00 (93.70 to 94.70): BM028240.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM028240.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM028240.D (-676) (-)



#10

2-Chlorophenol

Concen: 6.465 ng/ul

RT: 7.75 min Scan# 776

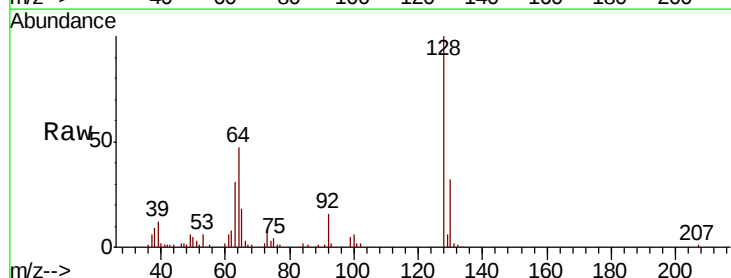
Delta R.T. -0.00 min

Lab File: BM028240.D

Acq: 22 Dec 2020 17:16

Tgt Ion: 128 Resp: 64127

Ion	Ratio	Lower	Upper
128	100		
64	46.5	37.4	56.0
130	32.2	25.8	38.6

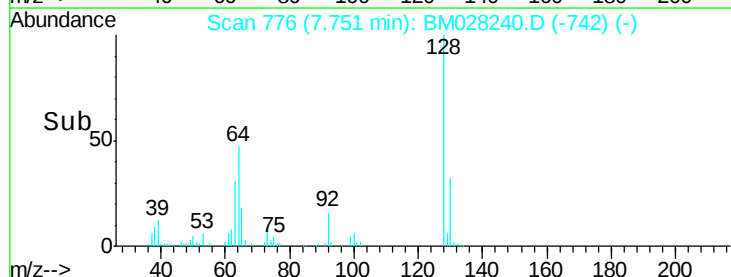
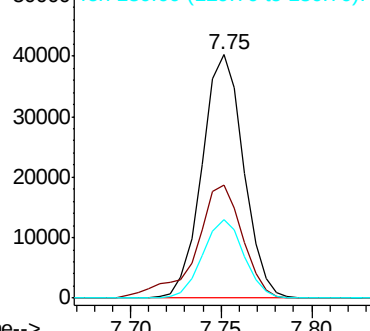


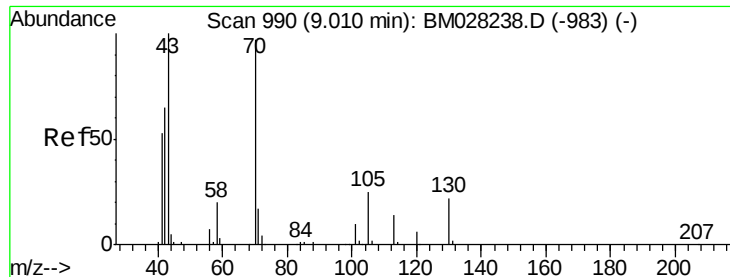
Abundance

Ion 128.00 (127.70 to 128.70): BM028240.D (-742) (-)

Ion 64.00 (63.70 to 64.70): BM028240.D (-742) (-)

Ion 130.00 (129.70 to 130.70): BM028240.D (-742) (-)

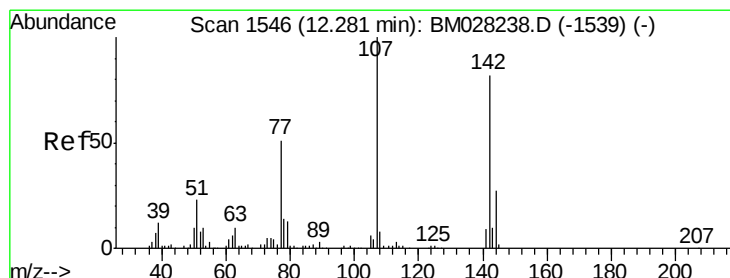
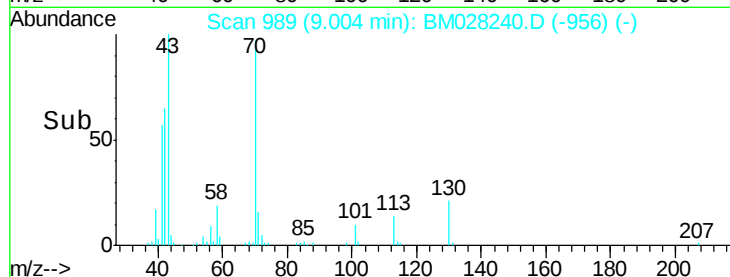
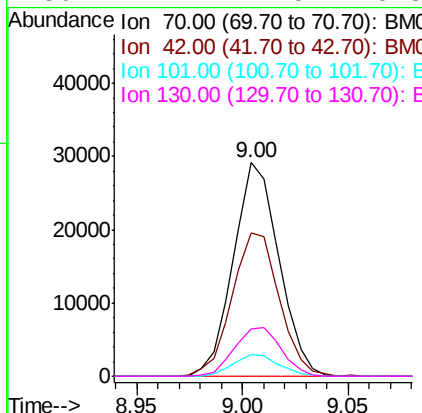
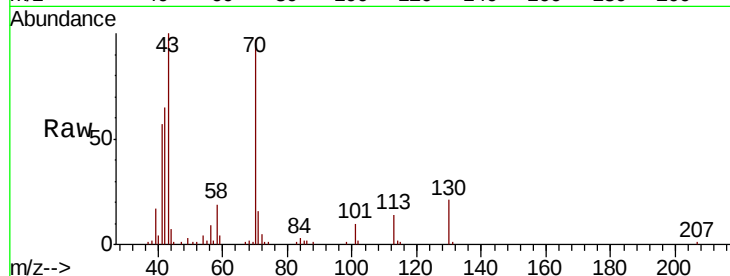




#15
N-Nitroso-di-n-propylamine
Concen: 6.152 ng/ul
RT: 9.00 min Scan# 989
Delta R.T. -0.01 min
Lab File: BM028240.D
Acq: 22 Dec 2020 17:16

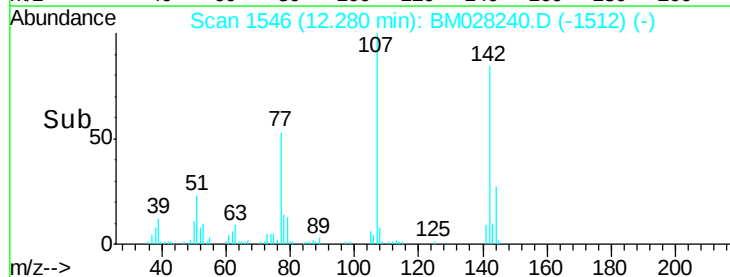
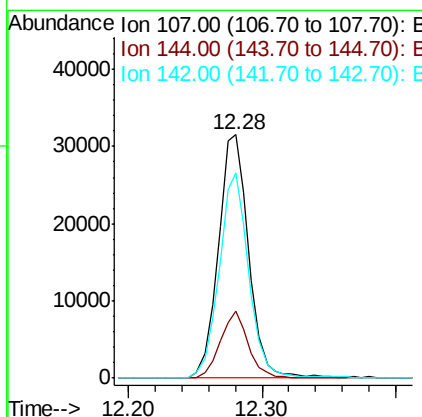
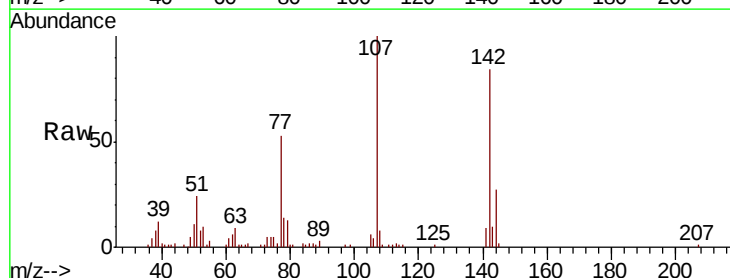
Instrument :
BNA_M
ClientSampleId :
A54L7

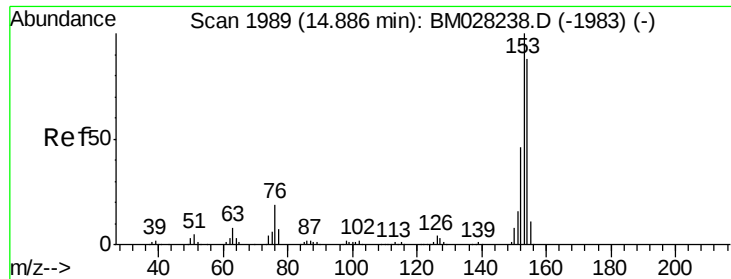
Tot Ion:	70	Resp:	43653
Ion	Ratio	Lower	Upper
70	100		
42	67.1	59.4	89.2
101	10.5	8.1	12.1
130	22.1	17.5	26.3



#33
4-Chloro-3-methylphenol
Concen: 5.638 ng/ul
RT: 12.28 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BM028240.D
Acq: 22 Dec 2020 17:16

Tgt Ion:	107	Resp:	50253
Ion	Ratio	Lower	Upper
107	100		
144	27.3	21.8	32.8
142	84.5	65.8	98.8





#50

Acenaphthene

Concen: 6.888 ng/ul

RT: 14.89 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BM028240.D

Acq: 22 Dec 2020 17:16

Instrument :

BNA_M

ClientSampleId :

A54L7

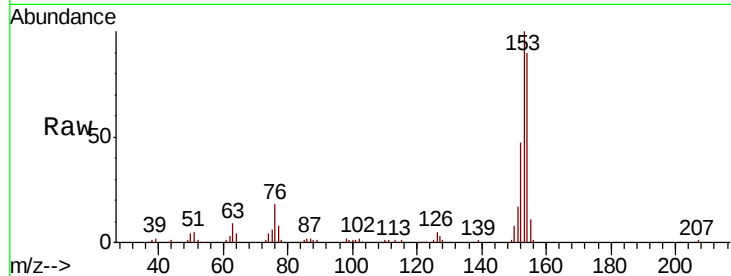
Tot Ion:153 Resp: 138866

Ion Ratio Lower Upper

153 100

152 47.0 36.7 55.1

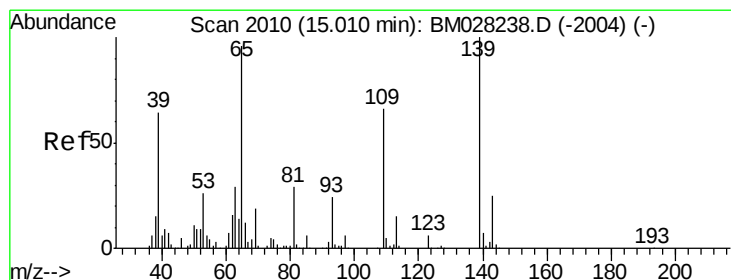
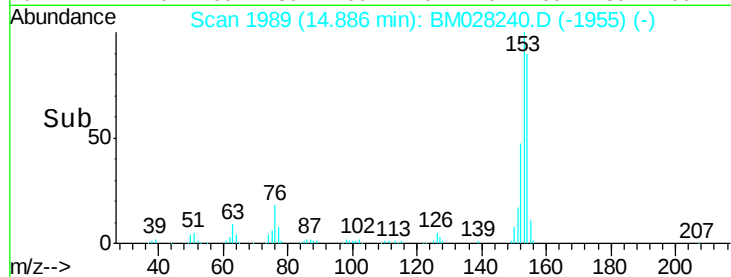
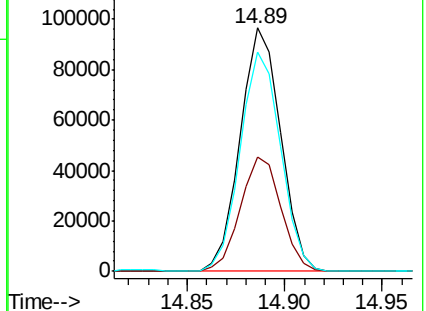
154 90.0 70.6 106.0



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: 4.570 ng/ul

RT: 15.00 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BM028240.D

Acq: 22 Dec 2020 17:16

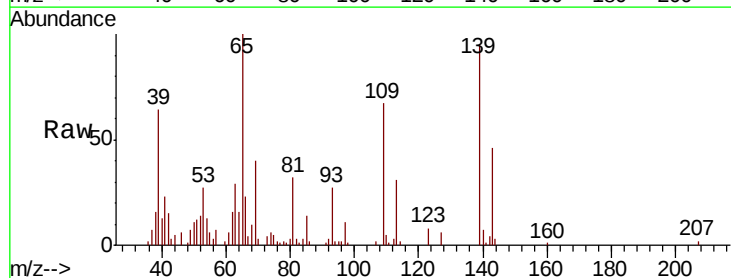
Tgt Ion:109 Resp: 14283

Ion Ratio Lower Upper

109 100

139 142.4 108.6 162.8

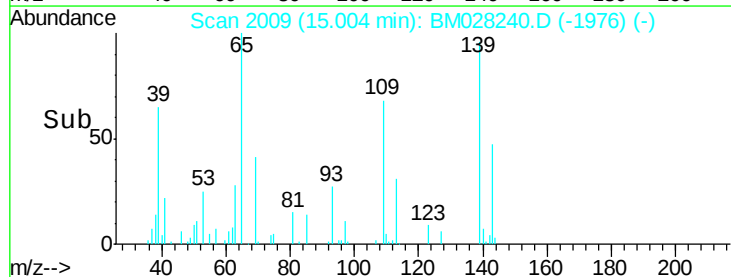
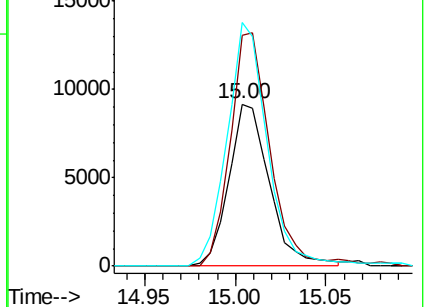
65 150.1 111.9 167.9

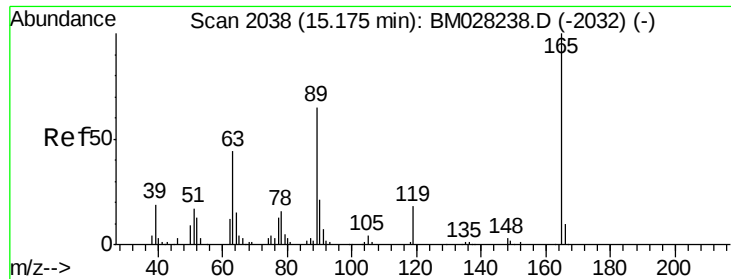


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM

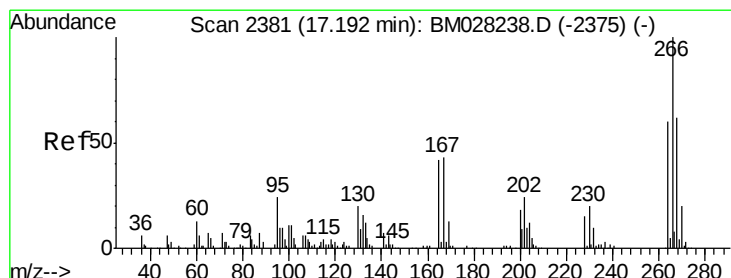
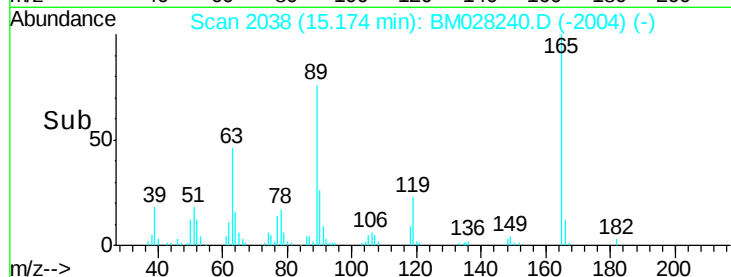
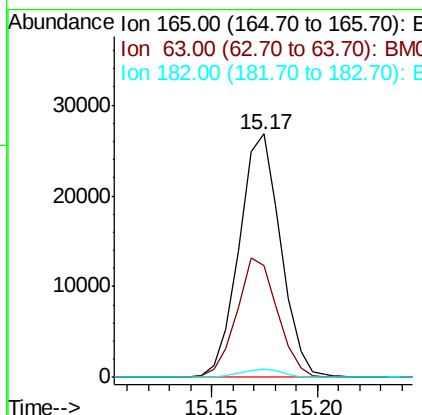
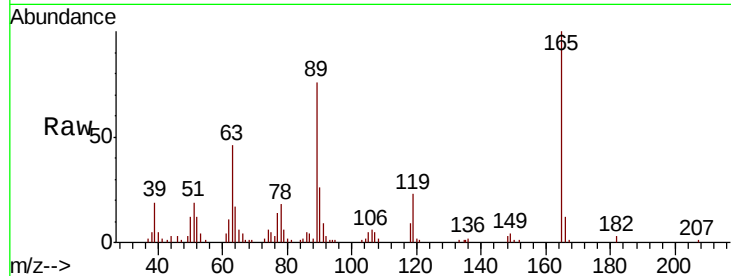




#55
 2,4-Dinitrotoluene
 Concen: 5.926 ng/ul
 RT: 15.17 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BM028240.D
 Acq: 22 Dec 2020 17:16

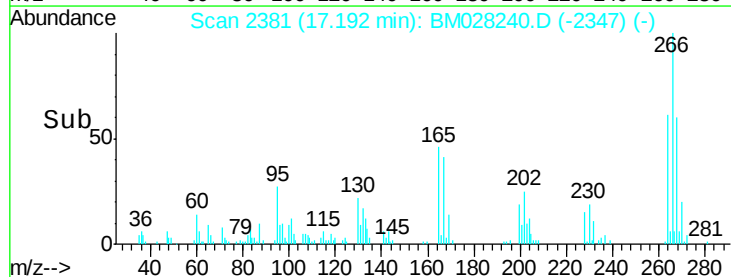
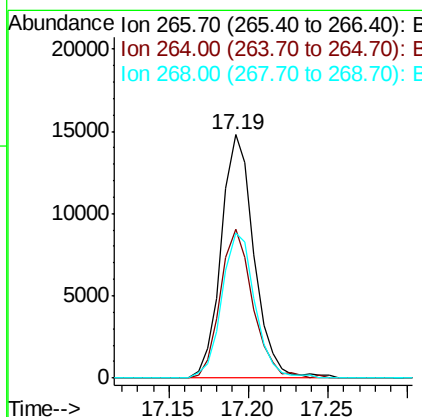
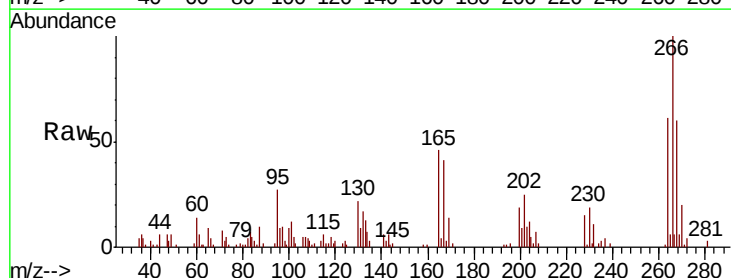
Instrument :
 BNA_M
 ClientSampleId :
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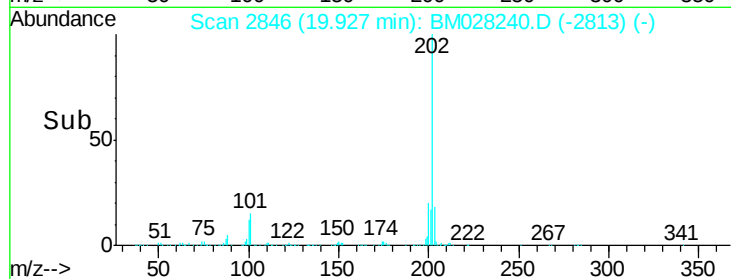
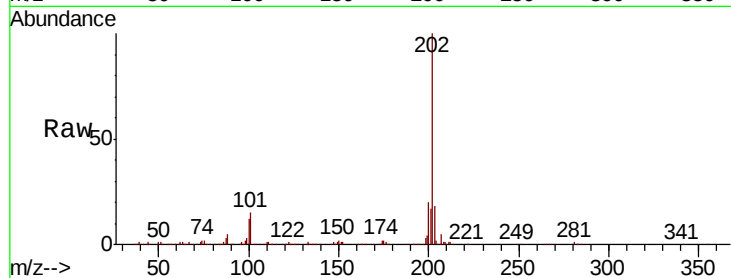
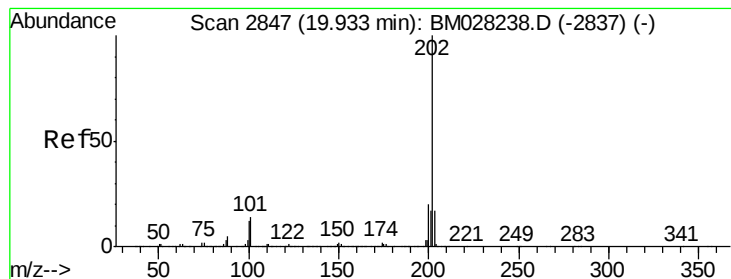
Tot Ion:165 Resp: 36613
 Ion Ratio Lower Upper
 165 100
 63 46.1 39.5 59.3
 182 3.1 2.3 3.5



#69
 Pentachlorophenol
 Concen: 5.279 ng/ul
 RT: 17.19 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: BM028240.D
 Acq: 22 Dec 2020 17:16

Tgt Ion:266 Resp: 21264
 Ion Ratio Lower Upper
 266 100
 264 61.0 48.4 72.6
 268 59.5 49.3 73.9





#80

Pvrene

Concen: 7.862 ng/ul

RT: 19.93 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BM028240.D

Acq: 22 Dec 2020 17:16

Instrument :

BNA_M

ClientSampleId :

A54L7

Tot Ion: 202 Resp: 276014

Ion Ratio Lower Upper

202 100

101 14.7 11.5 17.3

100 12.3 9.9 14.9

