

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
 Data File : BM028262.D
 Acq On : 24 Dec 2020 16:03
 Operator : JU/CG
 Sample : L5114-23MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54R5MSD

Quant Time: Dec 24 17:24:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 15:09:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	87261	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	356224	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	208059	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	423694	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	407374	20.00	ng/ul	0.00
86) Perylene-d12	24.01	264	414241	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	13781	6.28	ng/uL	0.00
5) Phenol-d5	7.33	99	276327	37.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	168445	36.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	231055	37.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	222872	37.17	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	113422	40.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	126350	44.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	218915	38.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	315697	46.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	658899	41.11	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	844955	42.01	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	116824	40.08	ng/ul	0.00
58) Fluorene-d10	15.80	176	554012	38.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	95960	38.03	ng/ul	0.00
71) Anthracene-d10	17.63	188	838299	39.87	ng/ul	0.00
79) Pyrene-d10	19.89	212	901990	39.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.86	264	940065	41.20	ng/ul	0.00

Target Compounds

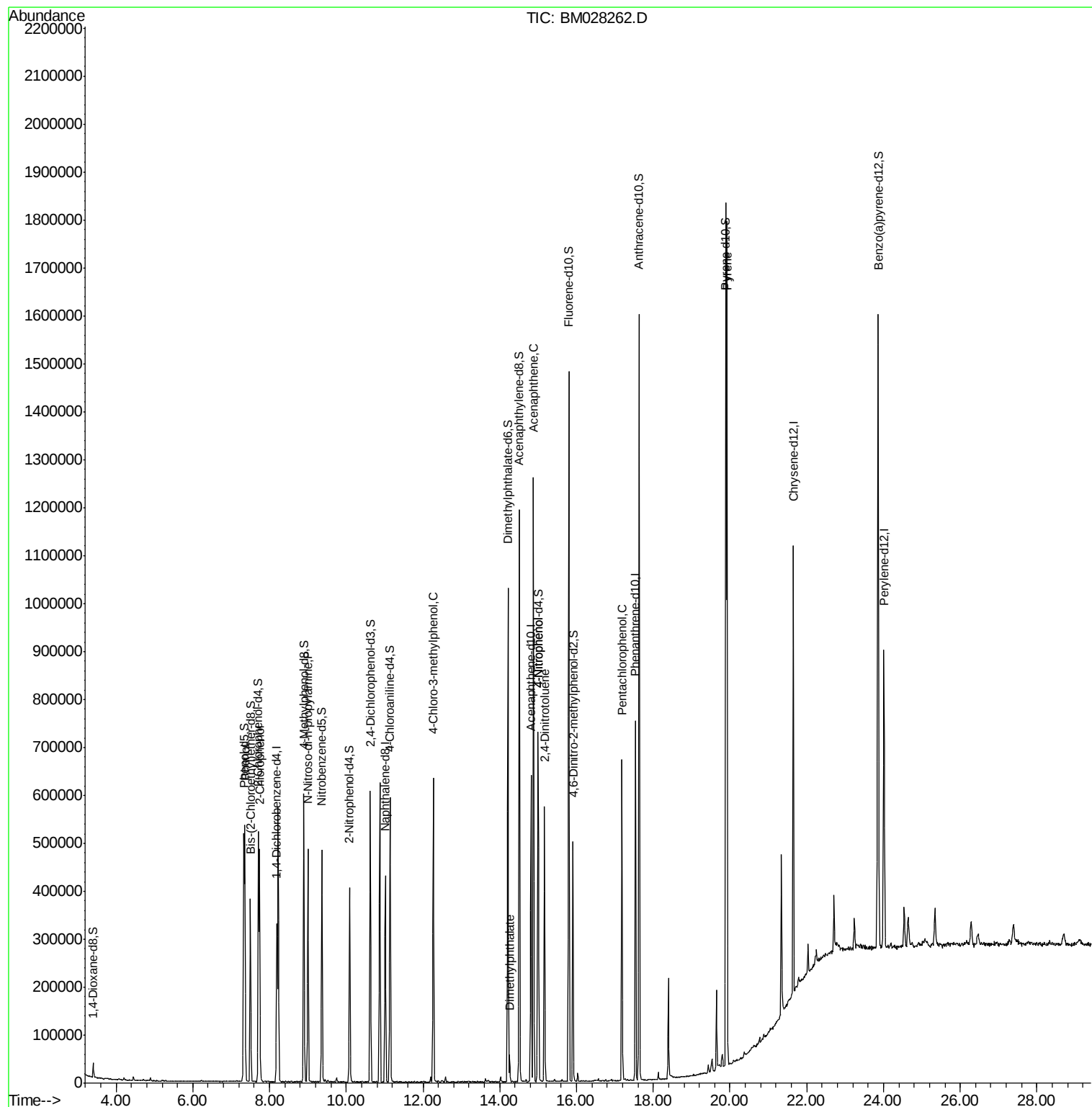
					Ovalue
6) Phenol	7.36	94	267627	36.423	ng/ul 100
10) 2-Chlorophenol	7.74	128	206382	32.620	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.00	70	157602	34.823	ng/ul 99
33) 4-Chloro-3-methylphenol	12.27	107	204528	34.745	ng/ul 94
45) Dimethylphthalate	14.26	163	31686	1.935	ng/ul 98
50) Acenaphthene	14.88	153	486682	33.265	ng/ul 99
53) 4-Nitrophenol	15.00	109	79738	35.157	ng/ul 98
55) 2,4-Dinitrotoluene	15.17	165	161038	35.917	ng/ul 100
69) Pentachlorophenol	17.19	266	113087	36.133	ng/ul 98
80) Pyrene	19.92	202	988294	32.192	ng/ul 99

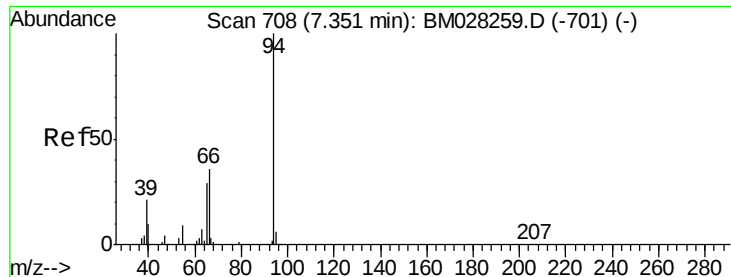
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 15:09:34 2020
Response via : Initial Calibration





#6

Phenol

Concen: 36.423 ng/ul

RT: 7.36 min Scan# 709

Delta R.T. 0.01 min

Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

Instrument :

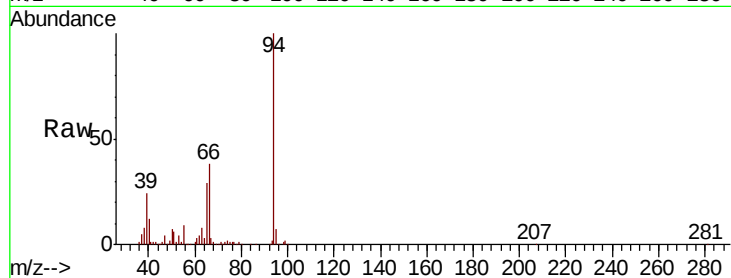
BNA_M

ClientSampleId :

A54R5MSD

Tot Ion: 94 Resp: 267627

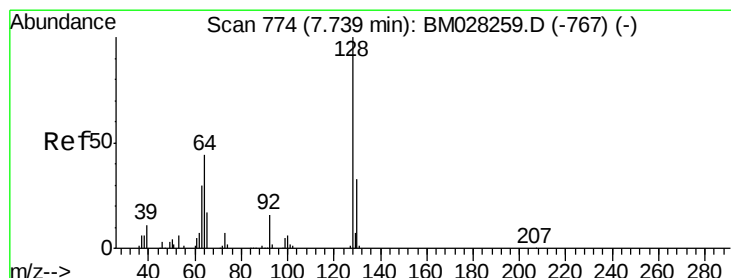
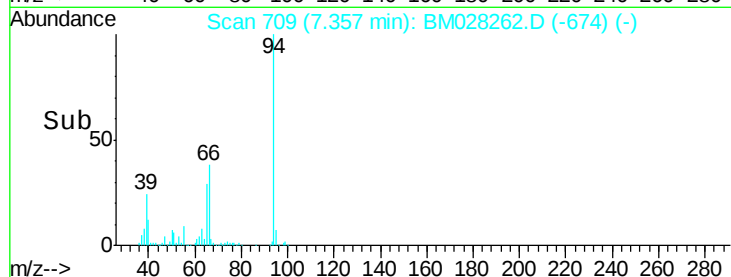
Ion	Ratio	Lower	Upper
94	100		
65	28.8	23.4	35.0
66	37.8	30.4	45.6



Abundance Ion 94.00 (93.70 to 94.70): BM028262.D (-701) (-)

Ion 65.00 (64.70 to 65.70): BM028262.D (-701) (-)

Ion 66.00 (65.70 to 66.70): BM028262.D (-701) (-)



#10

2-Chlorophenol

Concen: 32.620 ng/ul

RT: 7.74 min Scan# 774

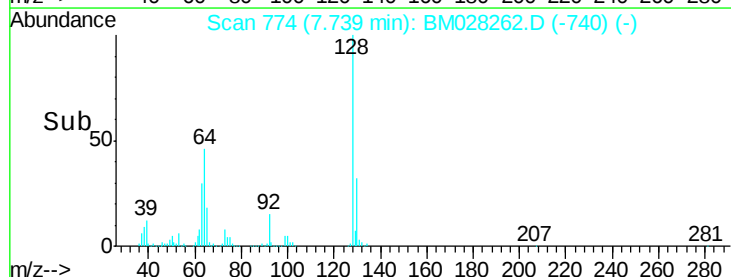
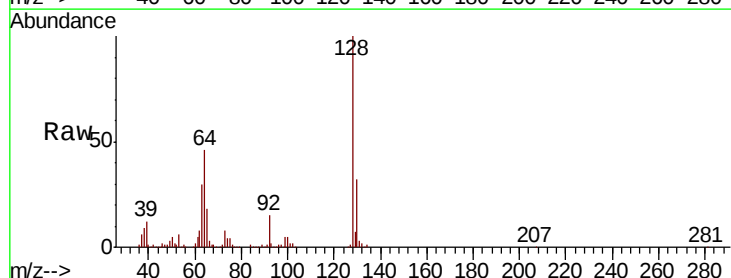
Delta R.T. 0.00 min

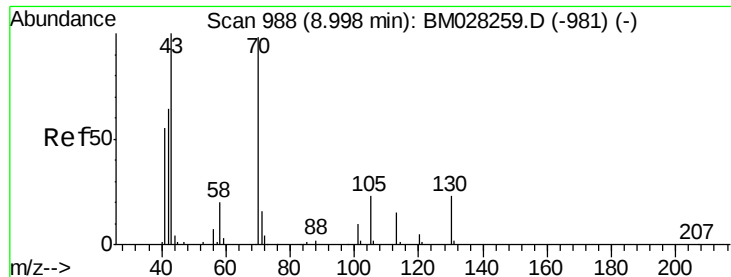
Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

Tgt Ion: 128 Resp: 206382

Ion	Ratio	Lower	Upper
128	100		
64	46.1	37.9	56.9
130	31.5	26.1	39.1

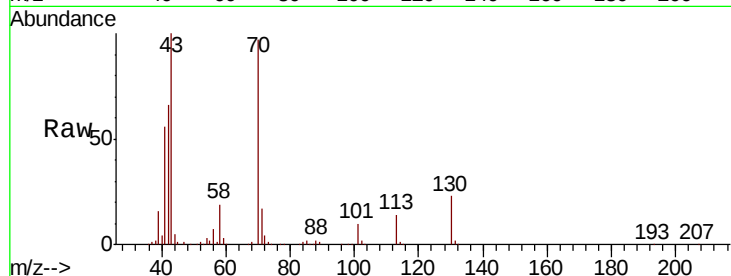




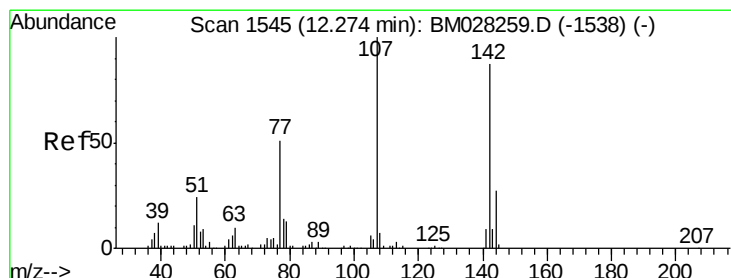
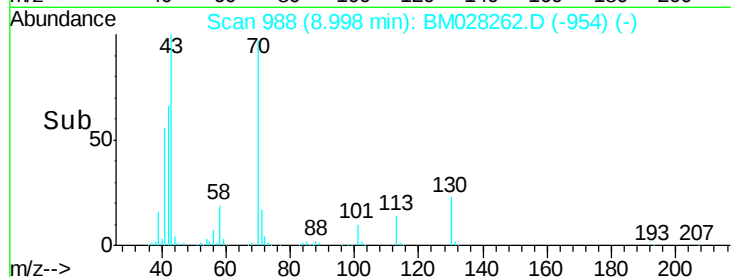
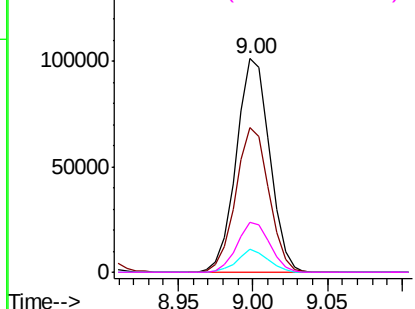
#15
N-Nitroso-di-n-propylamine
Concen: 34.823 ng/ul
RT: 9.00 min Scan# 988
Delta R.T. 0.00 min
Lab File: BM028262.D
Acq: 24 Dec 2020 16:03

Instrument :
BNA_M
ClientSampleId :
A54R5MSD

Tot Ion: 70 Resp: 157602
Ion Ratio Lower Upper
70 100
42 67.4 52.9 79.3
101 10.6 8.3 12.5
130 23.4 18.6 27.8

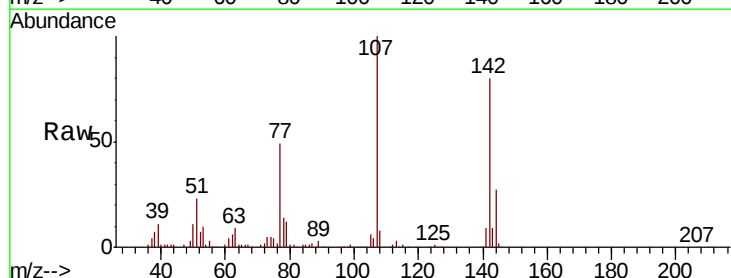


Abundance Ion 70.00 (69.70 to 70.70): BM028262.D (-954) (-)
Ion 42.00 (41.70 to 42.70): BM028262.D (-954) (-)
Ion 101.00 (100.70 to 101.70): BM028262.D (-954) (-)
Ion 130.00 (129.70 to 130.70): BM028262.D (-954) (-)

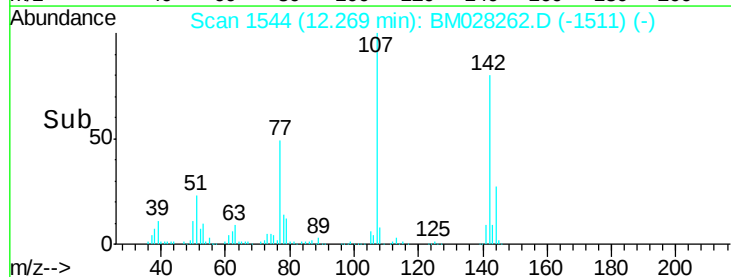
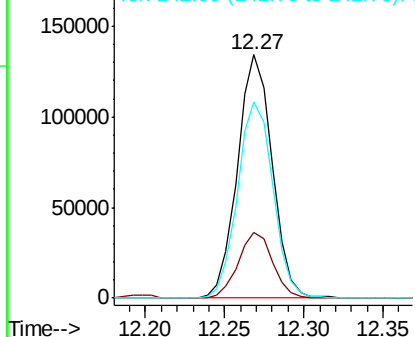


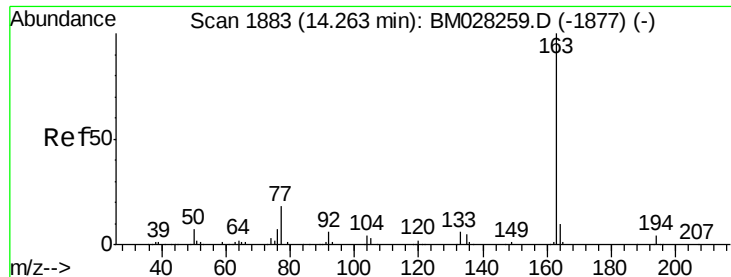
#33
4-Chloro-3-methylphenol
Concen: 34.745 ng/ul
RT: 12.27 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BM028262.D
Acq: 24 Dec 2020 16:03

Tgt Ion:107 Resp: 204528
Ion Ratio Lower Upper
107 100
144 26.8 22.0 33.0
142 80.5 69.8 104.8



Abundance Ion 107.00 (106.70 to 107.70): BM028262.D (-1511) (-)
Ion 144.00 (143.70 to 144.70): BM028262.D (-1511) (-)
Ion 142.00 (141.70 to 142.70): BM028262.D (-1511) (-)





#45

Dimethylphthalate

Concen: 1.935 ng/ul

RT: 14.26 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

Instrument :

BNA_M

ClientSampleId :

A54R5MSD

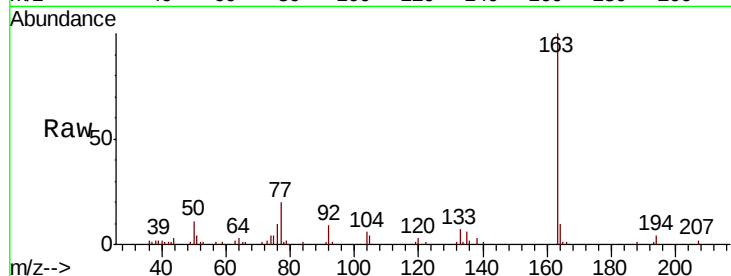
Tot Ion:163 Resp: 31686

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

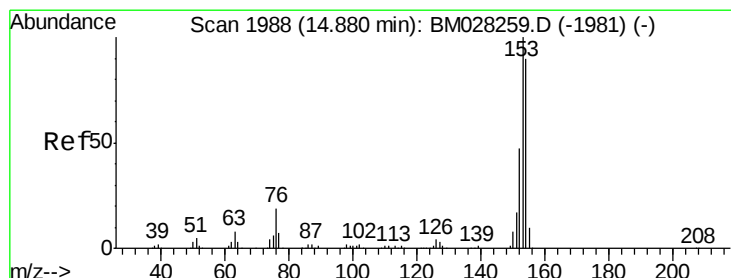
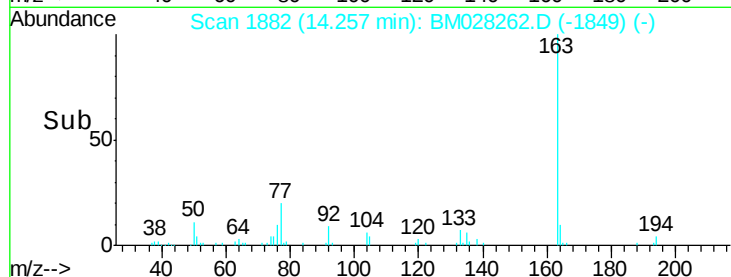
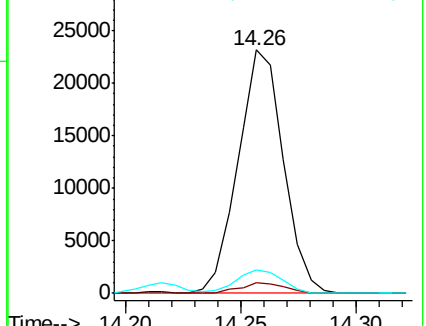
164 9.7 8.4 12.6



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: 33.265 ng/ul

RT: 14.88 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

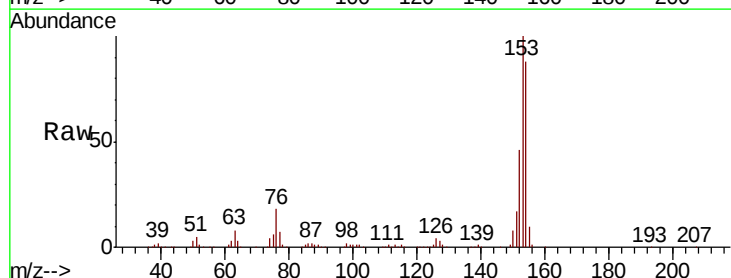
Tgt Ion:153 Resp: 486682

Ion Ratio Lower Upper

153 100

152 46.1 37.4 56.2

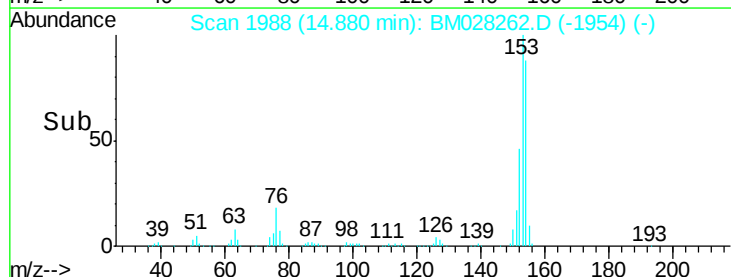
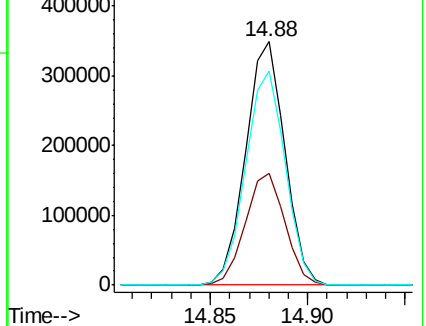
154 88.0 71.6 107.4

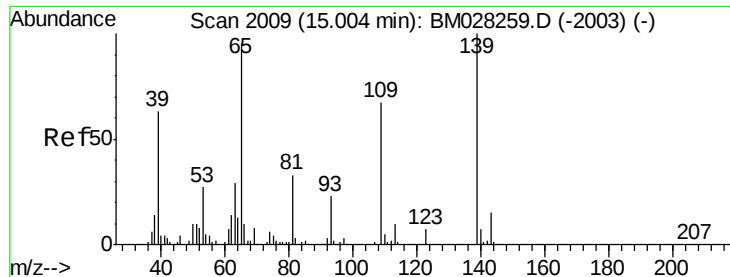


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

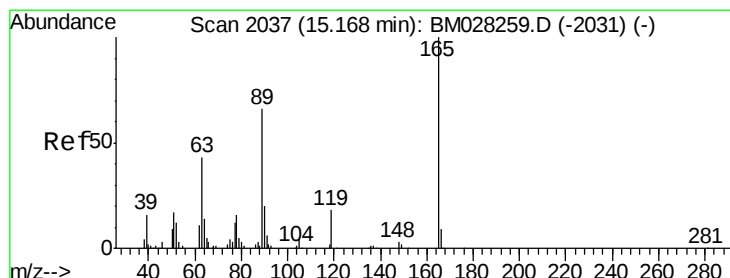
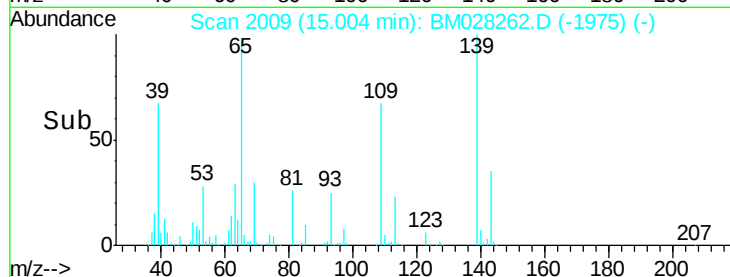
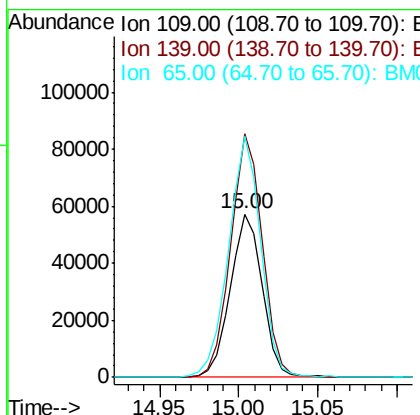
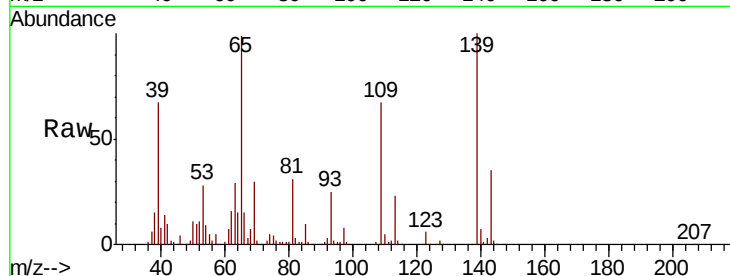




#53
4-Nitrophenol
Concen: 35.157 ng/ul
RT: 15.00 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM028262.D
Acq: 24 Dec 2020 16:03

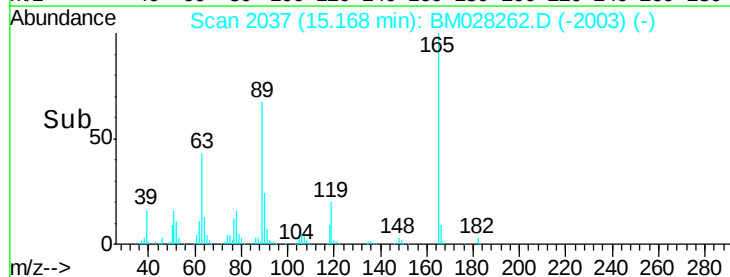
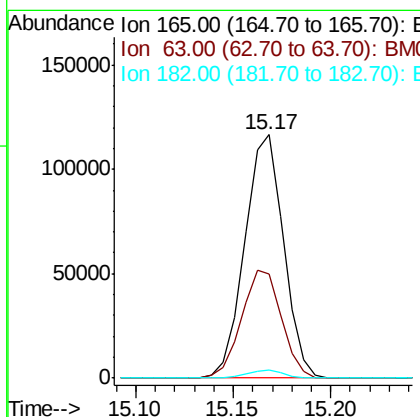
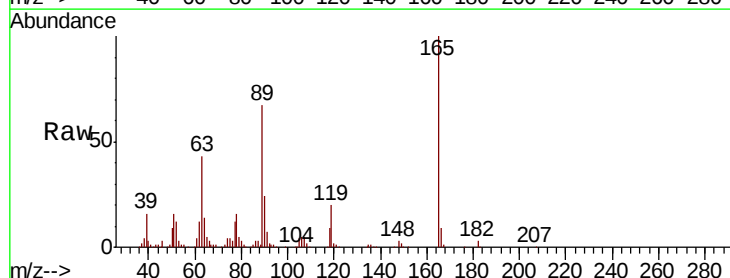
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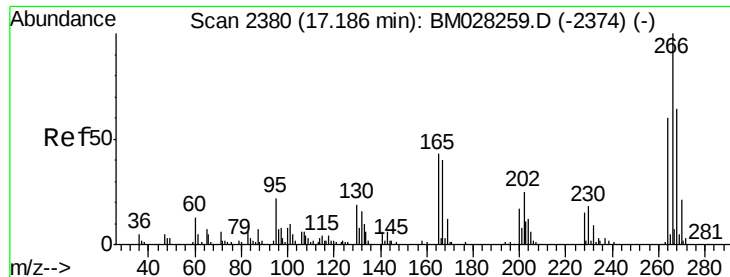
Tot Ion	Ratio	Lower	Upper
109	100		
139	149.4	119.4	179.0
65	147.8	114.3	171.5



#55
2,4-Dinitrotoluene
Concen: 35.917 ng/ul
RT: 15.17 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BM028262.D
Acq: 24 Dec 2020 16:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.9	34.4	51.6
182	3.4	2.6	4.0





#69

Pentachlorophenol

Concen: 36.133 ng/ul

RT: 17.19 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

Instrument :

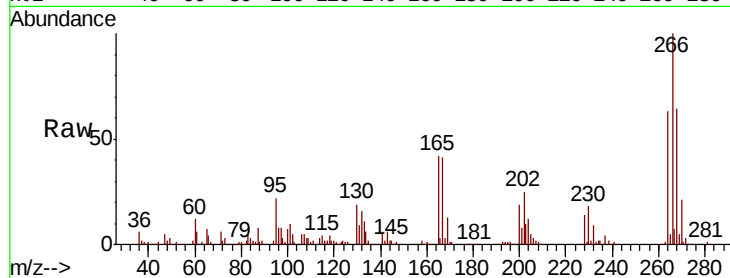
BNA_M

ClientSampleId :

A54R5MSD

Tot Ion:266 Resp: 113087

Ion	Ratio	Lower	Upper
266	100		
264	63.3	48.0	72.0
268	63.8	51.3	76.9

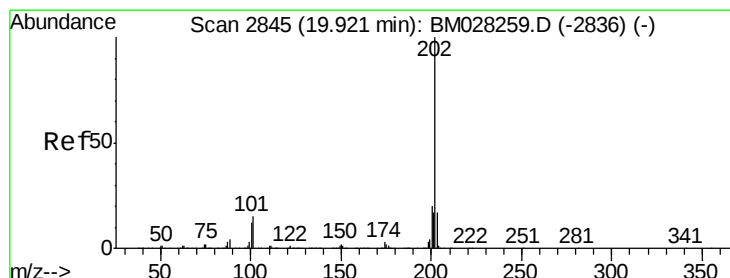
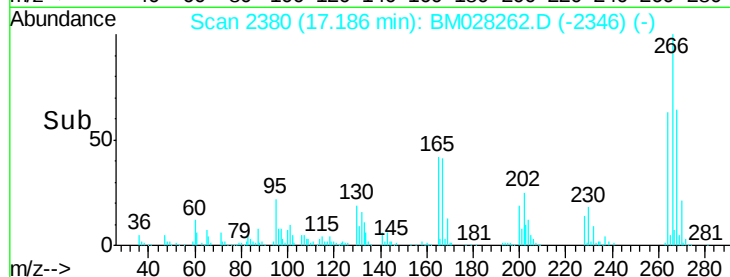
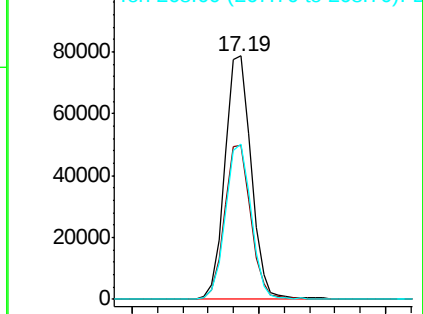


Abundance

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: 32.192 ng/ul

RT: 19.92 min Scan# 2845

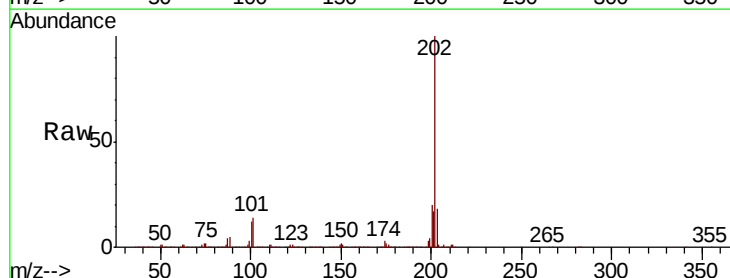
Delta R.T. 0.00 min

Lab File: BM028262.D

Acq: 24 Dec 2020 16:03

Tgt Ion:202 Resp: 988294

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.7	17.5
100	12.0	9.8	14.6



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): B

