

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029407.D
 Acq On : 08 Apr 2021 14:46
 Operator : CG/JU
 Sample : M1881-15MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF7MS

Quant Time: Apr 08 15:16:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 07 13:16:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	75785	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	302976	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	180304	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	343819	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	315933	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	330222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	8197	4.13	ng/uL	0.00
5) Phenol-d5	6.86	99	41470	6.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	105108	25.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	106093	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	72530	14.82	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	54753	26.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	55455	25.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	113631	25.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	20580	3.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	410143	31.76	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	487970	29.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	13018	5.50	ng/ul	0.00
58) Fluorene-d10	15.32	176	342287	31.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	47246	24.17	ng/ul	0.00
71) Anthracene-d10	17.16	188	532153	34.05	ng/ul	0.00
79) Pyrene-d10	19.46	212	568907	37.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	585045	34.72	ng/ul	0.00

Target Compounds

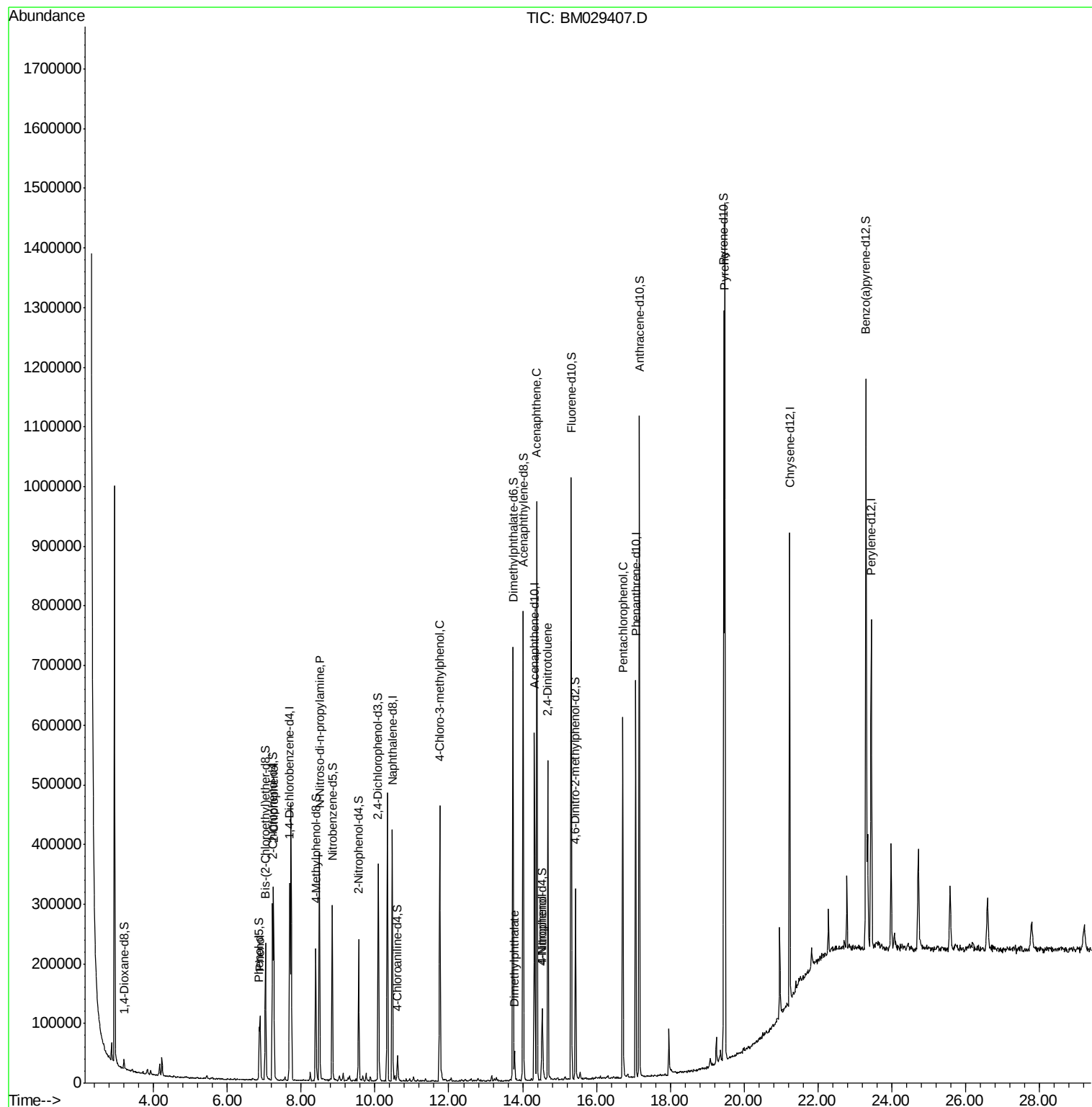
					Ovalue
6) Phenol	6.89	94	48708	7.190	ng/ul 94
10) 2-Chlorophenol	7.25	128	115269	22.397	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.49	70	122665	28.750	ng/ul 99
33) 4-Chloro-3-methylphenol	11.75	107	137953	29.068	ng/ul 97
45) Dimethylphthalate	13.79	163	27533	2.074	ng/ul 98
50) Acenaphthene	14.39	153	357274	30.097	ng/ul 98
53) 4-Nitrophenol	14.53	109	15156	6.372	ng/ul 95
55) 2,4-Dinitrotoluene	14.69	165	111496	31.015	ng/ul 86
69) Pentachlorophenol	16.72	266	73955	33.971	ng/ul 97
80) Pyrene	19.49	202	759791	36.314	ng/ul 100

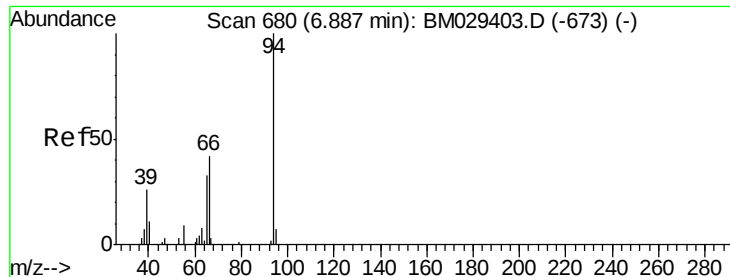
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.190 ng/ul

RT: 6.89 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM029407.D

Acq: 08 Apr 2021 14:46

Instrument :

BNA_M

ClientSampleId :

ESQF7MS

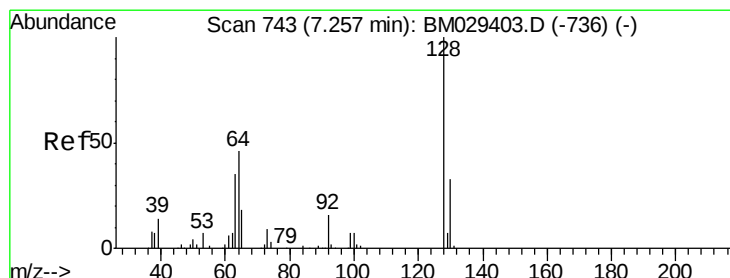
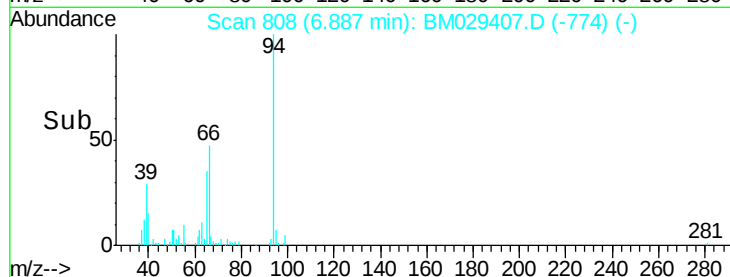
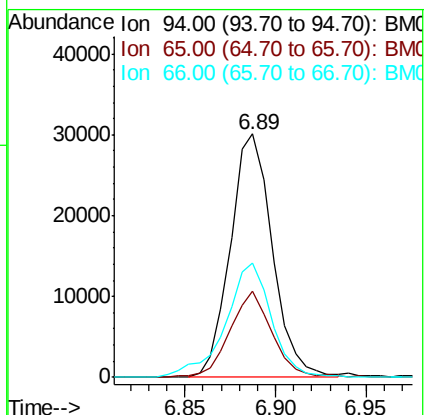
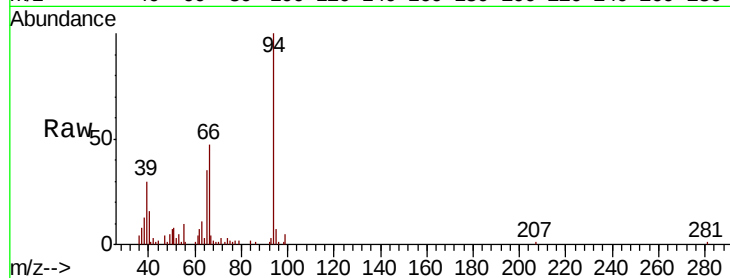
Tot Ion: 94 Resp: 48708

Ion Ratio Lower Upper

94 100

65 35.3 26.7 40.1

66 47.0 33.8 50.8



#10

2-Chlorophenol

Concen: 22.397 ng/ul

RT: 7.25 min Scan# 870

Delta R.T. -0.01 min

Lab File: BM029407.D

Acq: 08 Apr 2021 14:46

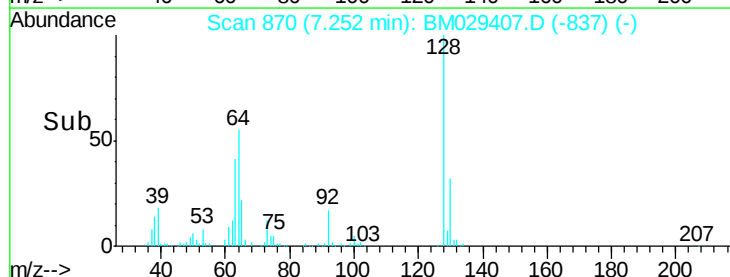
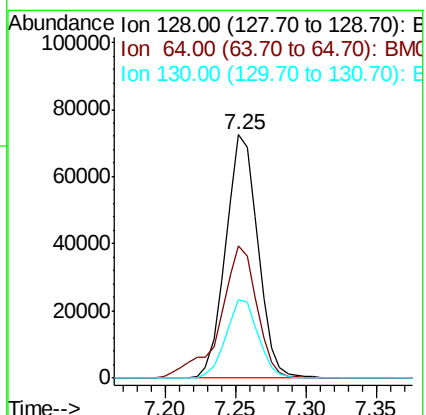
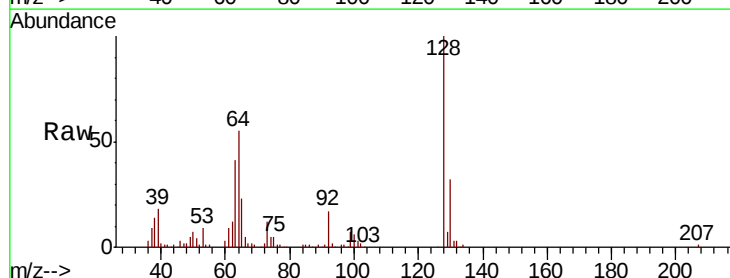
Tgt Ion: 128 Resp: 115269

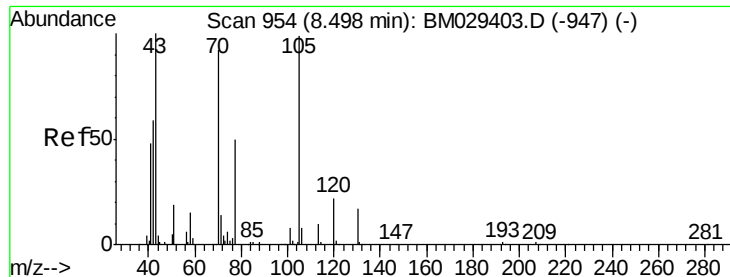
Ion Ratio Lower Upper

128 100

64 54.5 44.0 66.0

130 32.0 26.2 39.2





#15

N-Nitroso-di-n-propylamine

Concen: 28.750 ng/ul

RT: 8.49 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BM029407.D

Acq: 08 Apr 2021 14:46

Instrument :

BNA_M

ClientSampleId :

ESQF7MS

Tot Ion: 70 Resp: 122665

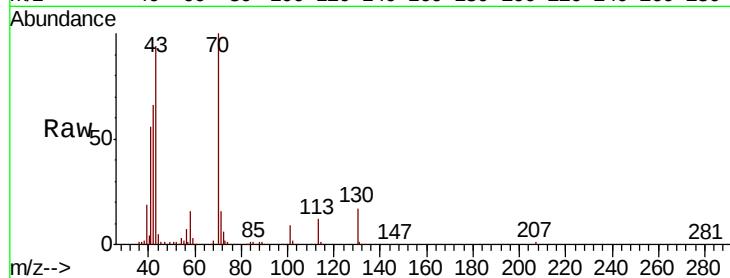
Ion Ratio Lower Upper

70 100

42 65.8 52.0 78.0

101 8.8 7.3 10.9

130 16.9 14.2 21.4

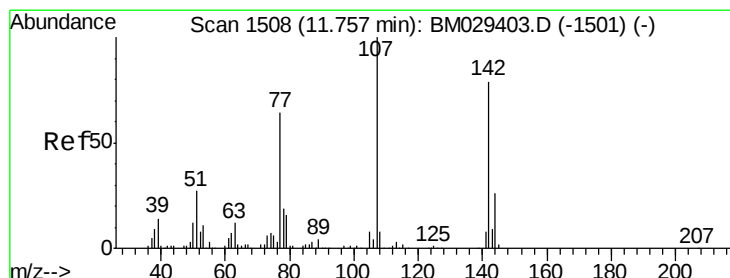
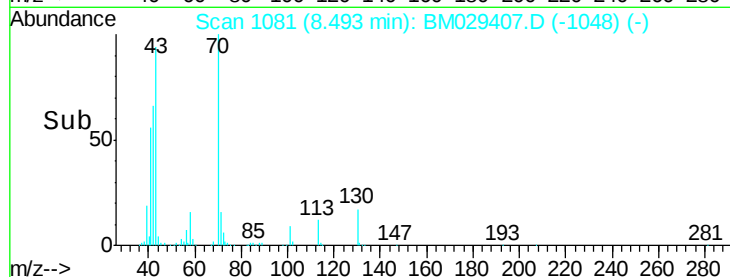
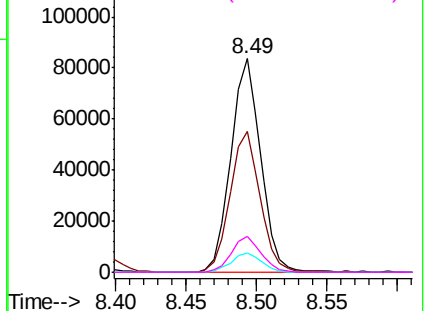


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#33

4-Chloro-3-methylphenol

Concen: 29.068 ng/ul

RT: 11.75 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BM029407.D

Acq: 08 Apr 2021 14:46

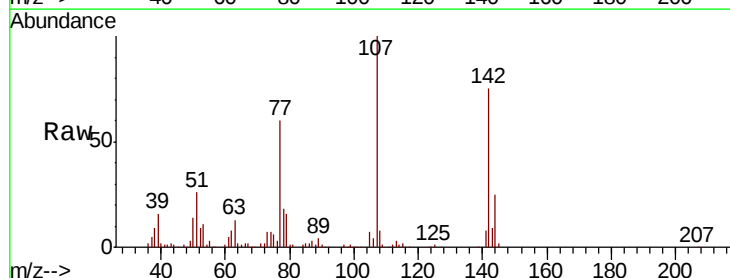
Tgt Ion:107 Resp: 137953

Ion Ratio Lower Upper

107 100

144 25.0 19.0 28.4

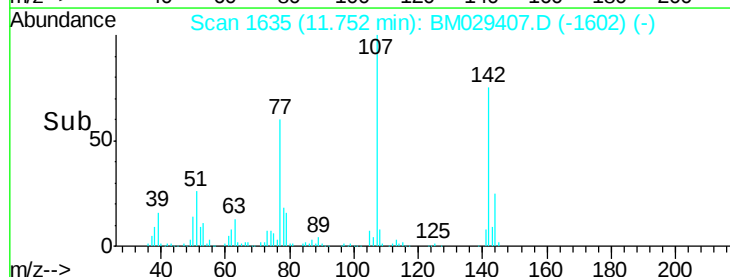
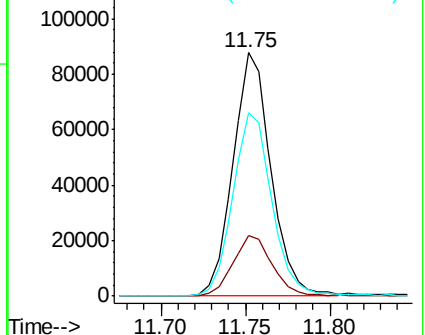
142 75.4 62.7 94.1

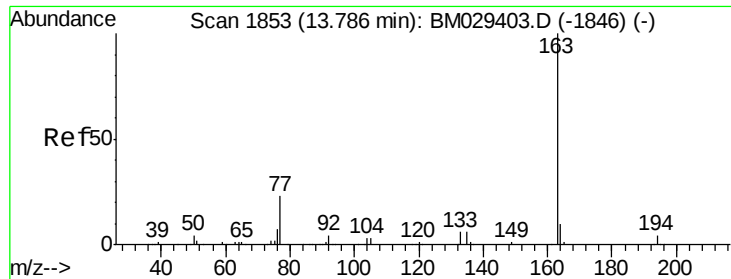


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

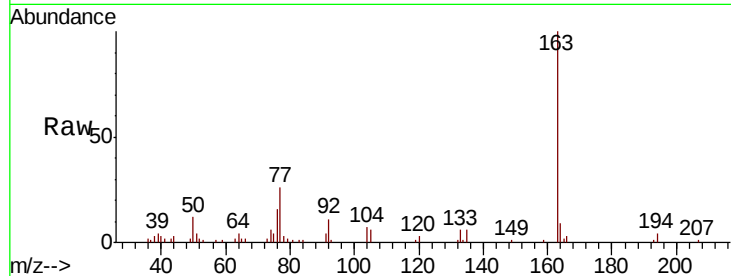




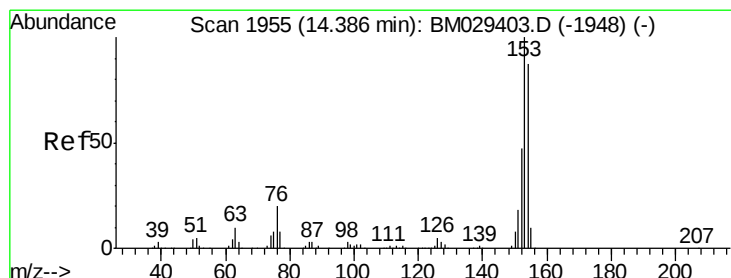
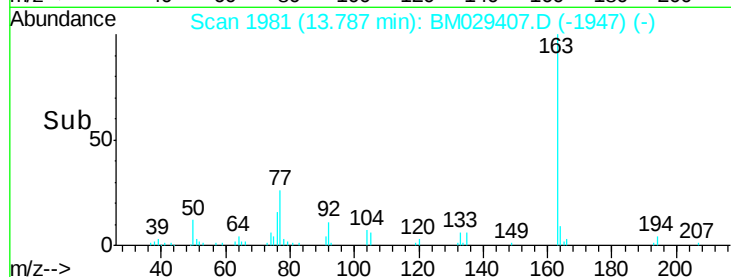
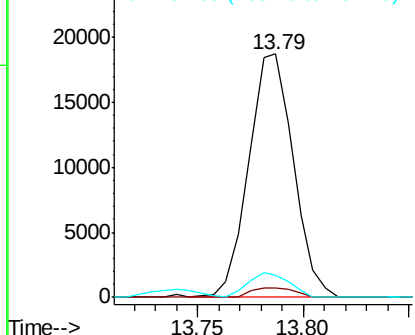
#45
Dimethylphthalate
Concen: 2.074 ng/ul
RT: 13.79 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BM029407.D
Acq: 08 Apr 2021 14:46

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Tot Ion:163 Resp: 27533
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.3 8.1 12.1

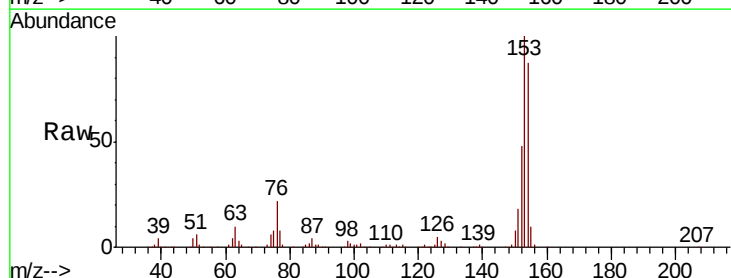


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

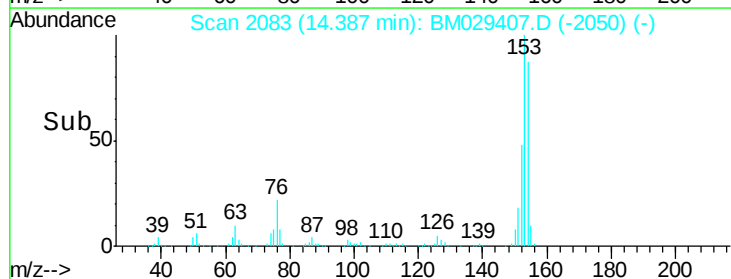
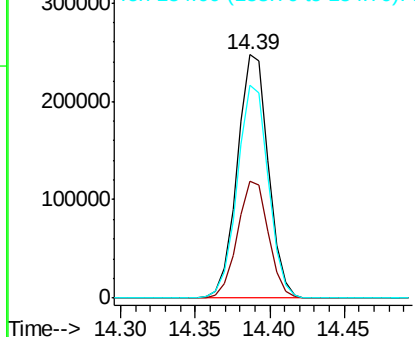


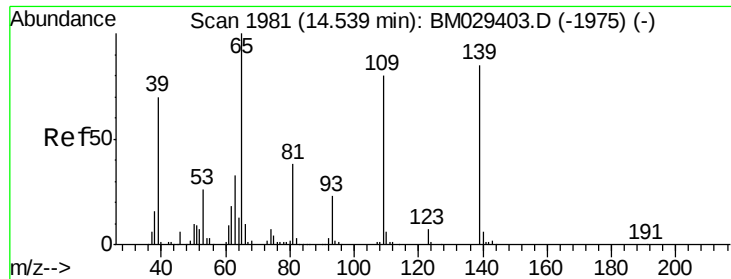
#50
Acenaphthene
Concen: 30.097 ng/ul
RT: 14.39 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM029407.D
Acq: 08 Apr 2021 14:46

Tgt Ion:153 Resp: 357274
Ion Ratio Lower Upper
153 100
152 48.1 37.0 55.4
154 87.2 68.7 103.1



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

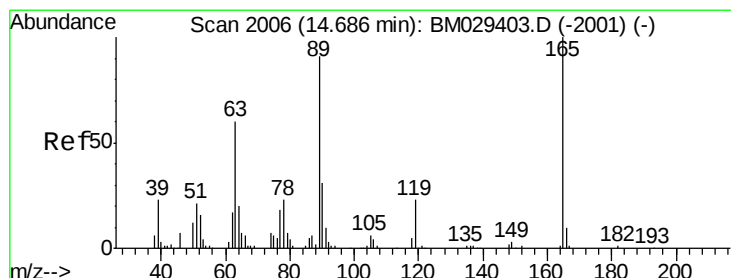
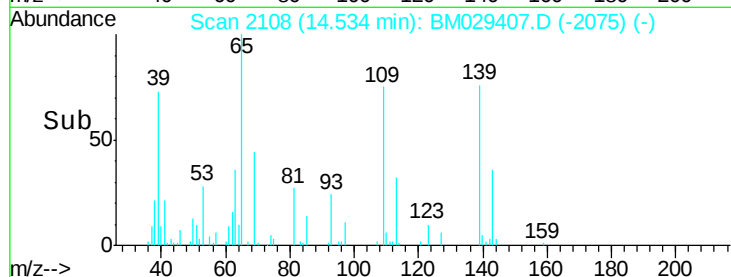
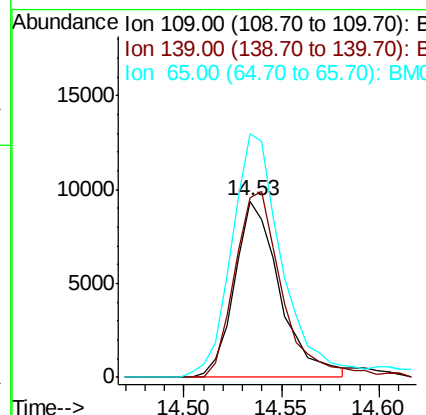
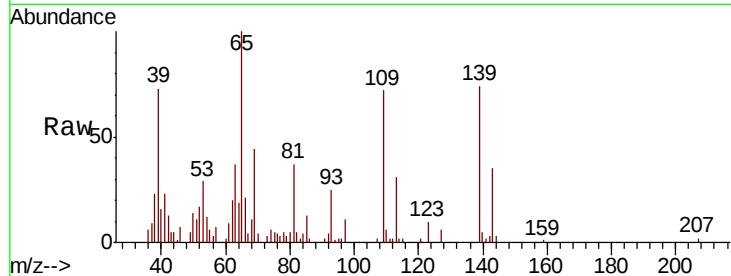




#53
4-Nitrophenol
Concen: 6.372 ng/ul
RT: 14.53 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM029407.D
Acq: 08 Apr 2021 14:46

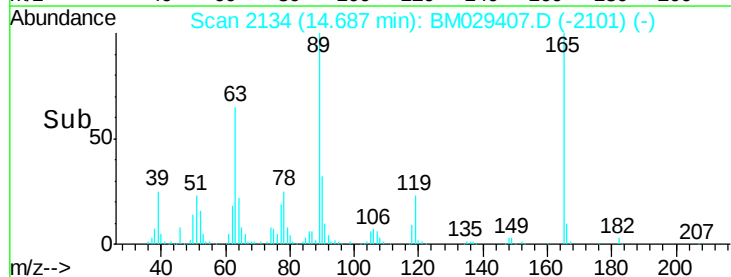
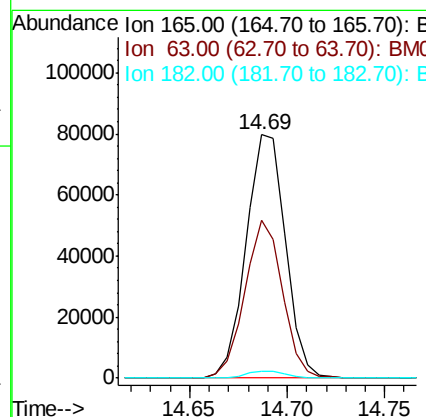
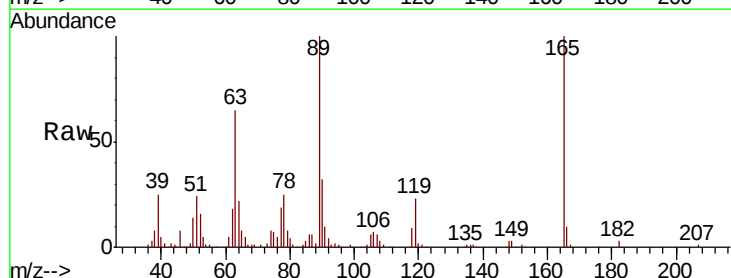
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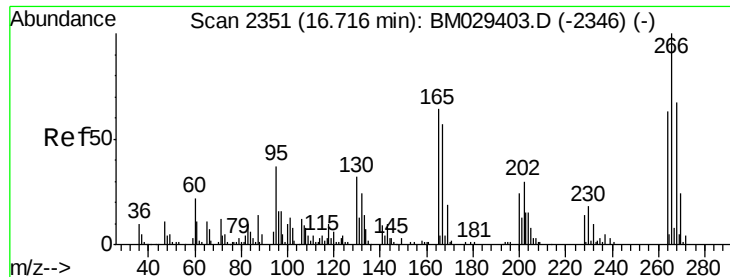
Tot Ion:109 Resp: 15156
Ion Ratio Lower Upper
109 100
139 101.6 84.8 127.2
65 138.1 105.1 157.7



#55
2,4-Dinitrotoluene
Concen: 31.015 ng/ul
RT: 14.69 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM029407.D
Acq: 08 Apr 2021 14:46

Tgt Ion:165 Resp: 111496
Ion Ratio Lower Upper
165 100
63 64.8 43.4 65.0
182 2.8 2.7 4.1

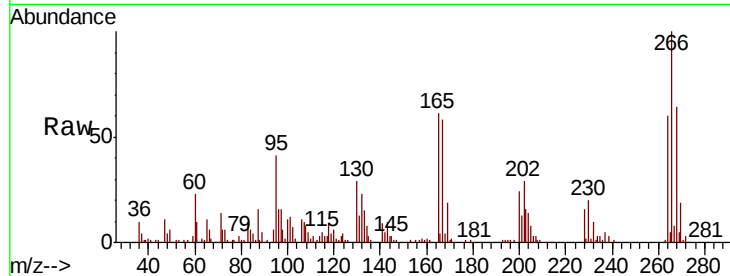




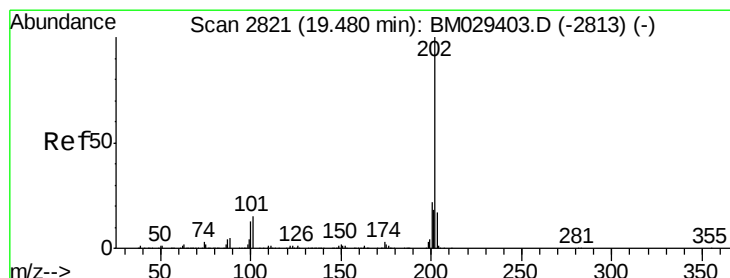
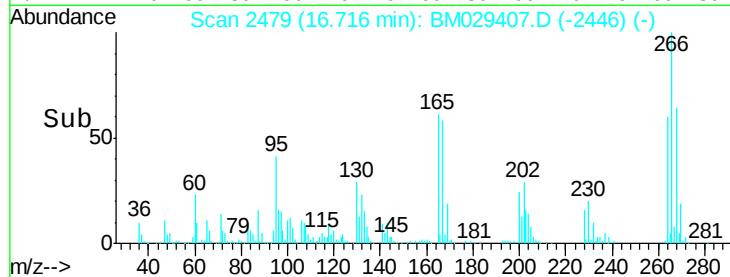
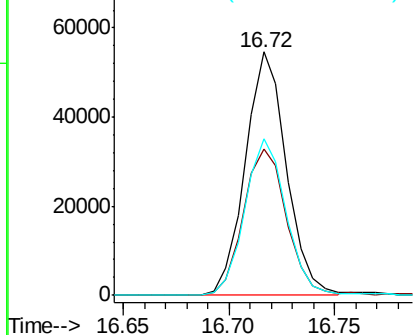
#69
 Pentachlorophenol
 Concen: 33.971 ng/ul
 RT: 16.72 min Scan# 2479
 Delta R.T. -0.01 min
 Lab File: BM029407.D
 Acq: 08 Apr 2021 14:46

Instrument :
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 ClientSampleId :
 ESQF7MS

Tot Ion:266 Resp: 73955
 Ion Ratio Lower Upper
 266 100
 264 59.9 49.1 73.7
 268 64.1 48.6 72.8

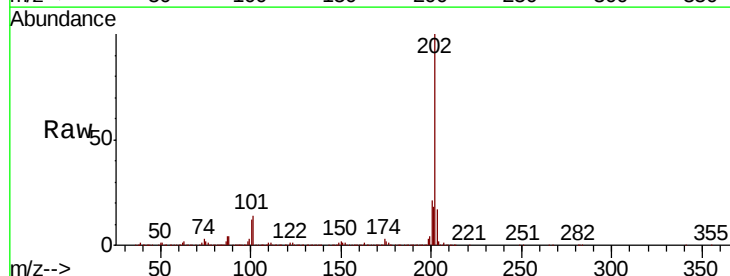


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#80
 Pyrene
 Concen: 36.314 ng/ul
 RT: 19.49 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: BM029407.D
 Acq: 08 Apr 2021 14:46

Tgt Ion:202 Resp: 759791
 Ion Ratio Lower Upper
 202 100
 101 13.9 11.0 16.6
 100 12.2 9.5 14.3



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

