

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
 Data File : BM029408.D
 Acq On : 08 Apr 2021 15:30
 Operator : CG/JU
 Sample : M1881-16MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ESQF7MSD

Quant Time: Apr 08 16:04:38 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	78736	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	321718	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	195571	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	387206	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	378517	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	401051	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	7912	3.84	ng/uL	0.00
5) Phenol-d5	6.86	99	43782	6.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	110861	26.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	112755	22.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	77370	15.22	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	60705	27.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	62831	26.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	122240	25.65	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	22697	3.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	450758	32.18	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	526261	29.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	15174	5.91	ng/ul	0.00
58) Fluorene-d10	15.32	176	375772	31.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	59174	26.88	ng/ul	0.00
71) Anthracene-d10	17.16	188	601632	34.19	ng/ul	0.00
79) Pyrene-d10	19.46	212	656932	36.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	711587	34.77	ng/ul	0.00

Target Compounds

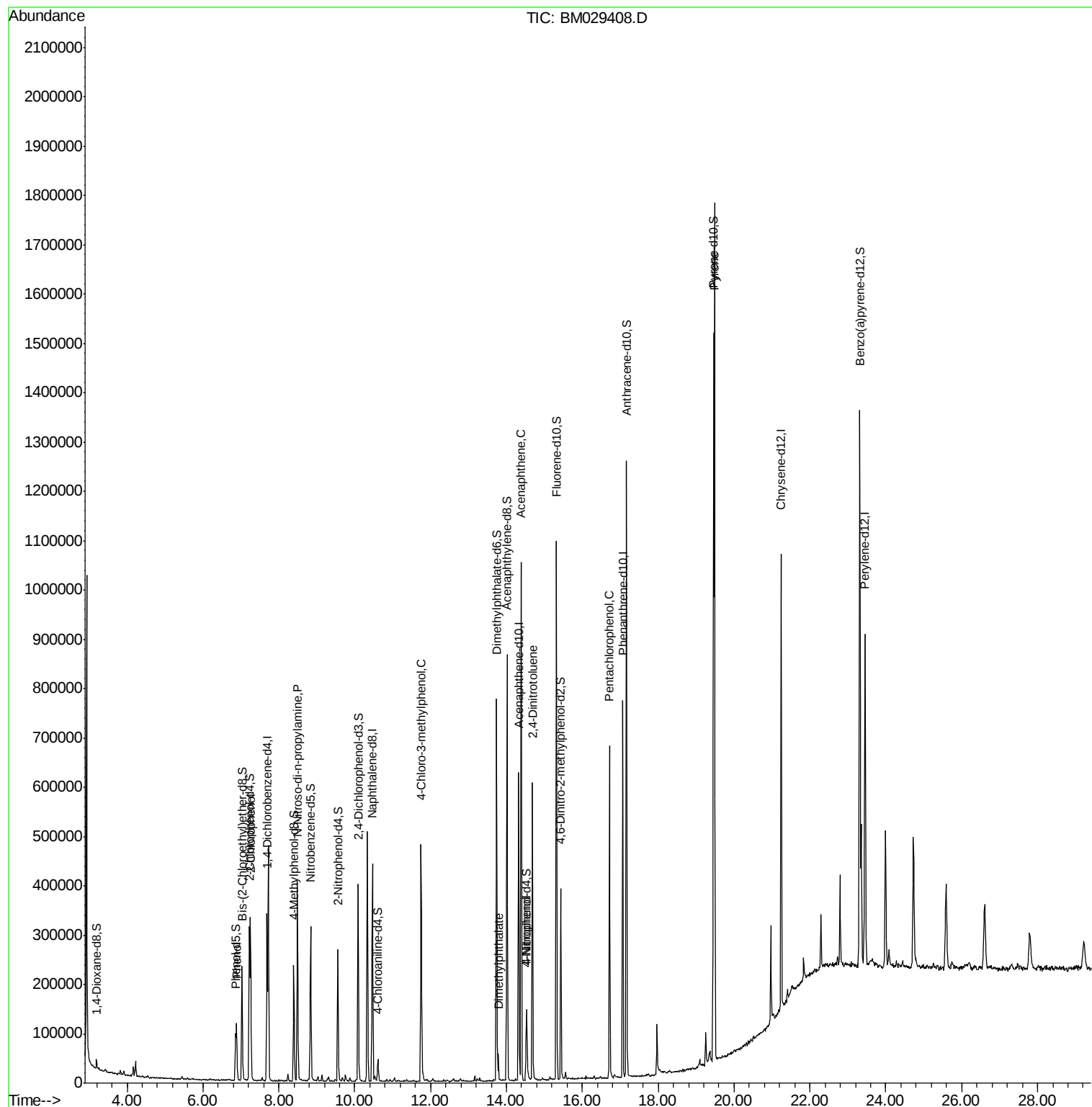
					Ovalue
6) Phenol	6.89	94	52586	7.472	ng/ul 98
10) 2-Chlorophenol	7.25	128	118285	22.122	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.49	70	129163	29.139	ng/ul 96
33) 4-Chloro-3-methylphenol	11.75	107	150515	29.868	ng/ul 98
45) Dimethylphthalate	13.79	163	29485	2.048	ng/ul# 98
50) Acenaphthene	14.39	153	390479	30.327	ng/ul 98
53) 4-Nitrophenol	14.53	109	19564	7.583	ng/ul 93
55) 2,4-Dinitrotoluene	14.69	165	130271	33.409	ng/ul 89
69) Pentachlorophenol	16.72	266	85578	34.905	ng/ul 97
80) Pyrene	19.49	202	890835	35.538	ng/ul 99

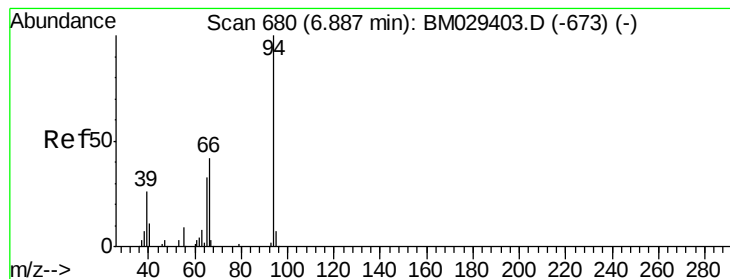
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 13:16:43 2021
Response via : Initial Calibration





#6

Phenol

Concen: 7.472 ng/ul

RT: 6.89 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

Instrument :

BNA_M

ClientSampleId :

ESQF7MSD

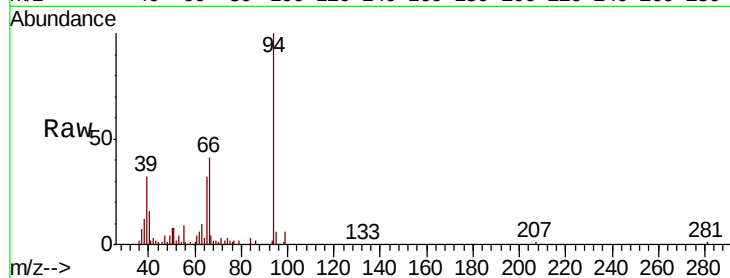
Tot Ion: 94 Resp: 52586

Ion Ratio Lower Upper

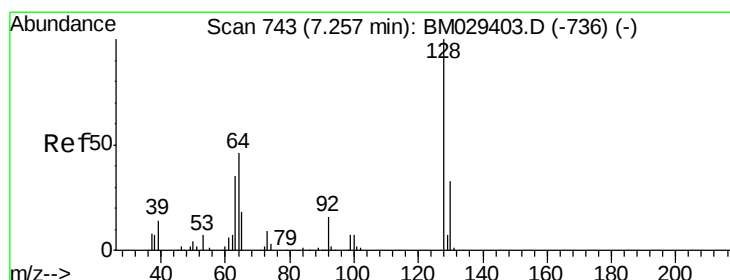
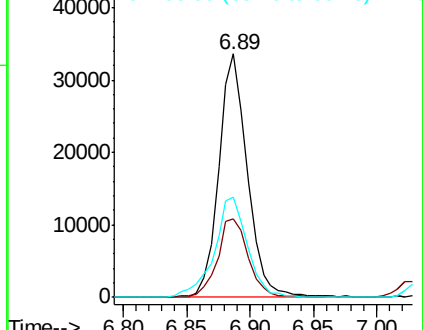
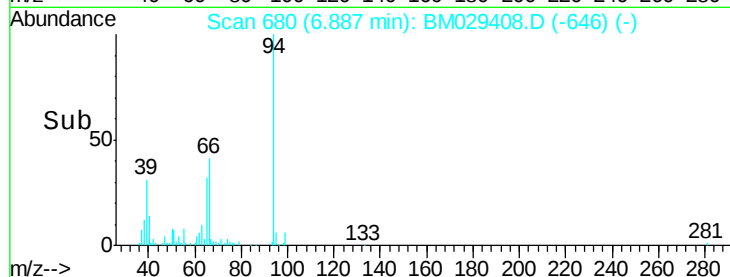
94 100

65 32.4 26.7 40.1

66 41.0 33.8 50.8



Abundance Ion 94.00 (93.70 to 94.70): BM029408.D (-646) (-)



#10

2-Chlorophenol

Concen: 22.122 ng/ul

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

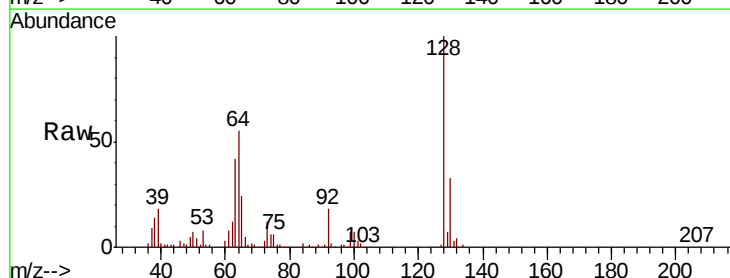
Tgt Ion: 128 Resp: 118285

Ion Ratio Lower Upper

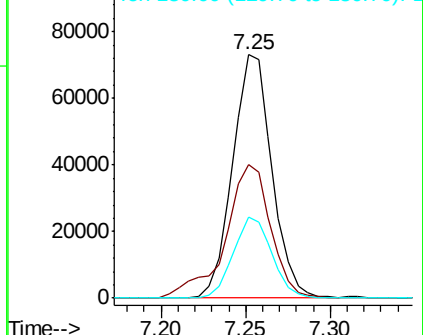
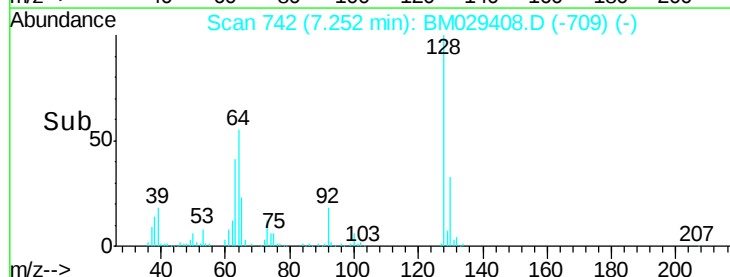
128 100

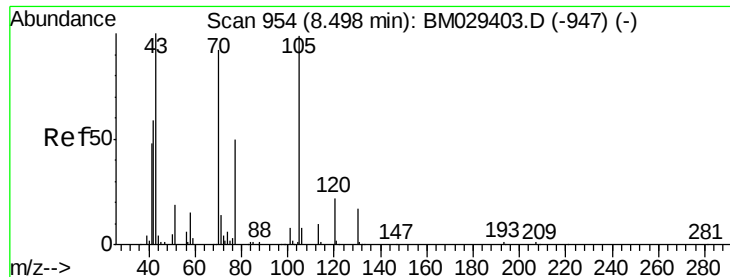
64 55.0 44.0 66.0

130 33.2 26.2 39.2



Abundance Ion 128.00 (127.70 to 128.70): BM029408.D (-709) (-)

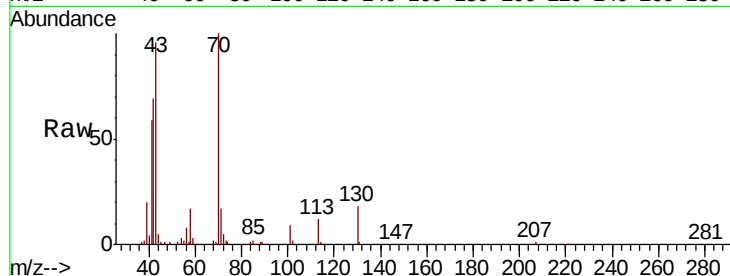




#15
N-Nitroso-di-n-propylamine
Concen: 29.139 ng/ul
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM029408.D
Acq: 08 Apr 2021 15:30

Instrument :
BNA_M
ClientSampleId :
ESQF7MSD

Tot Ion:	70	Resp:	129163
Ion	Ratio	Lower	Upper
70	100		
42	68.8	52.0	78.0
101	8.6	7.3	10.9
130	18.3	14.2	21.4

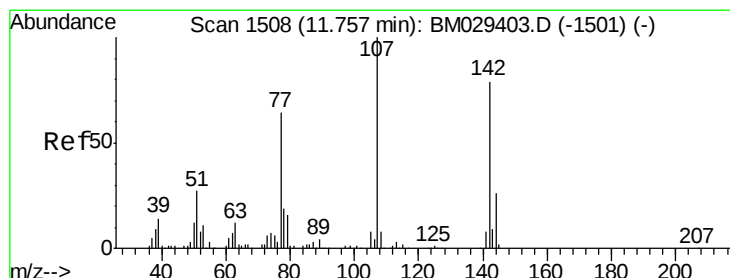
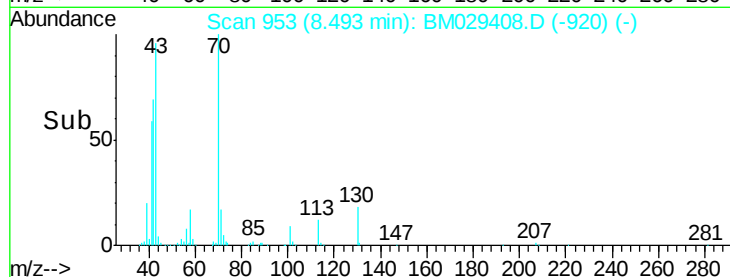
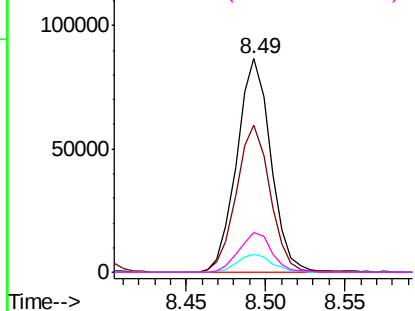


Abundance Ion 70.00 (69.70 to 70.70): BM029408.D (-920) (-)

Ion 42.00 (41.70 to 42.70): BM029408.D (-920) (-)

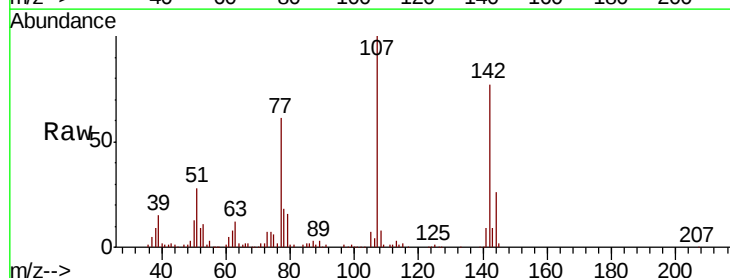
Ion 101.00 (100.70 to 101.70): BM029408.D (-920) (-)

Ion 130.00 (129.70 to 130.70): BM029408.D (-920) (-)



#33
4-Chloro-3-methylphenol
Concen: 29.868 ng/ul
RT: 11.75 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BM029408.D
Acq: 08 Apr 2021 15:30

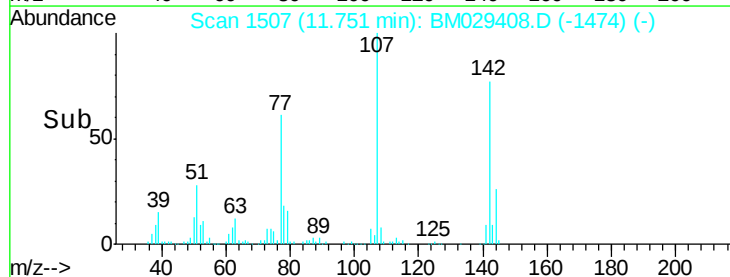
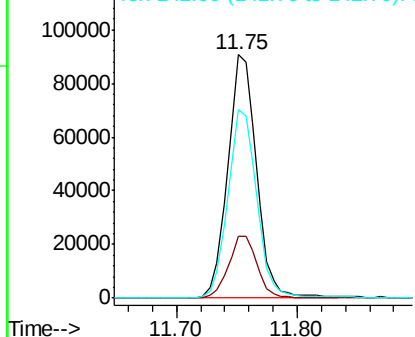
Tgt Ion:	107	Resp:	150515
Ion	Ratio	Lower	Upper
107	100		
144	25.6	19.0	28.4
142	77.4	62.7	94.1

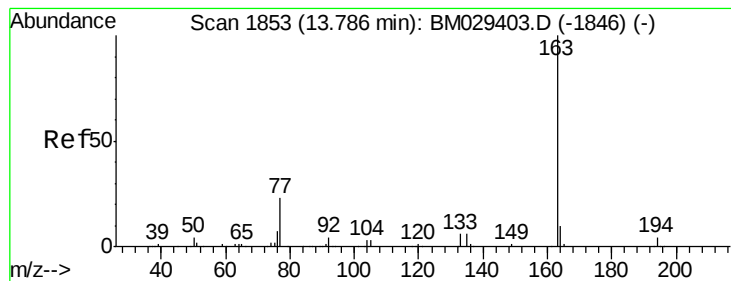


Abundance Ion 107.00 (106.70 to 107.70): BM029408.D (-1474) (-)

Ion 144.00 (143.70 to 144.70): BM029408.D (-1474) (-)

Ion 142.00 (141.70 to 142.70): BM029408.D (-1474) (-)





#45

Dimethylphthalate

Concen: 2.048 ng/ul

RT: 13.79 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

Instrument :

BNA_M

ClientSampleId :

ESQF7MSD

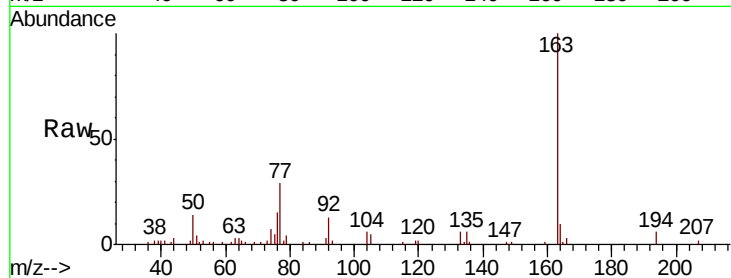
Tot Ion:163 Resp: 29485

Ion Ratio Lower Upper

163 100

194 5.7 3.0 4.6#

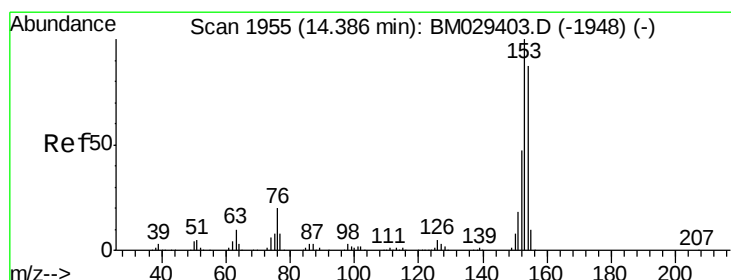
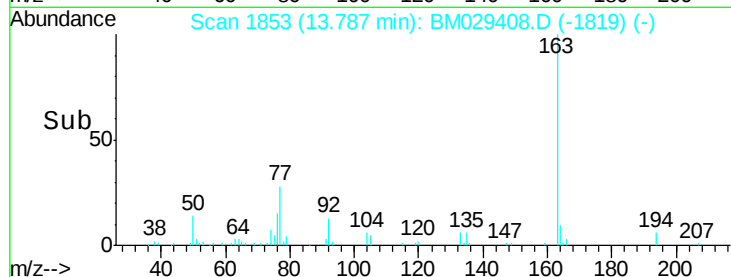
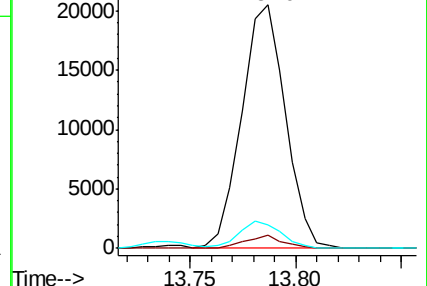
164 9.7 8.1 12.1



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: 30.327 ng/ul

RT: 14.39 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

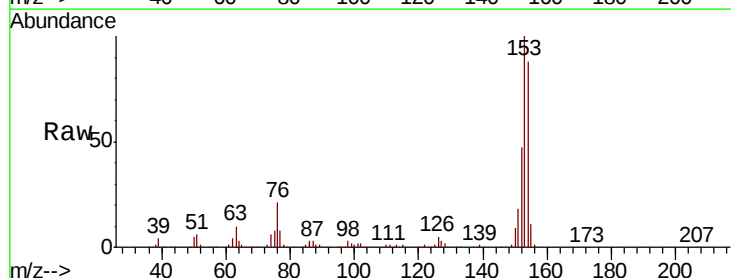
Tgt Ion:153 Resp: 390479

Ion Ratio Lower Upper

153 100

152 47.1 37.0 55.4

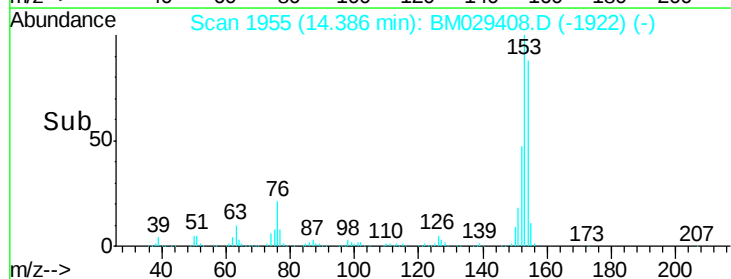
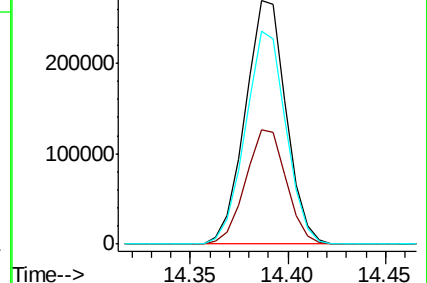
154 87.7 68.7 103.1

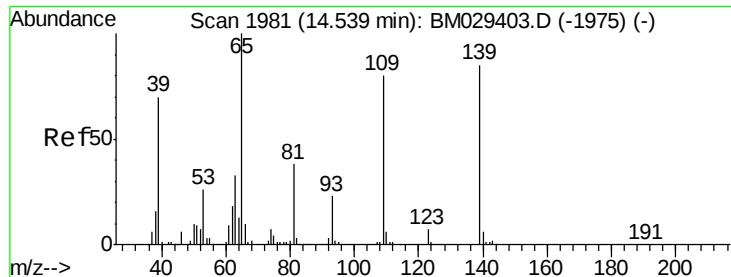


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 7.583 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

Instrument :

BNA_M

ClientSampleId :

ESQF7MSD

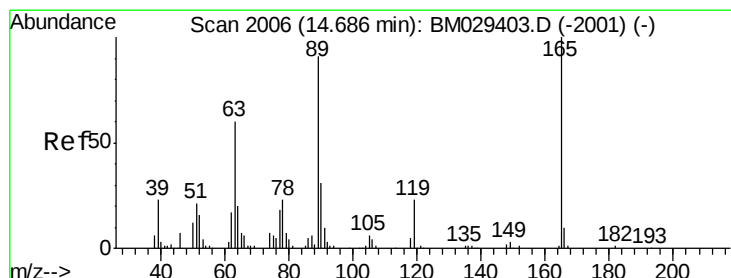
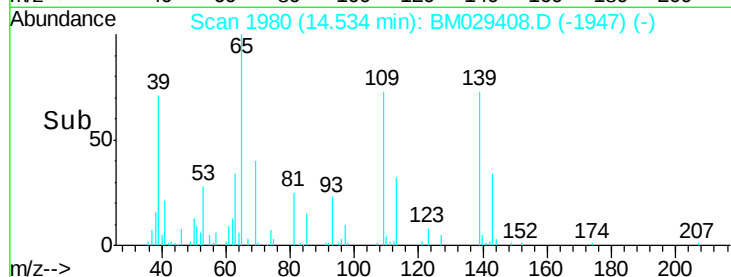
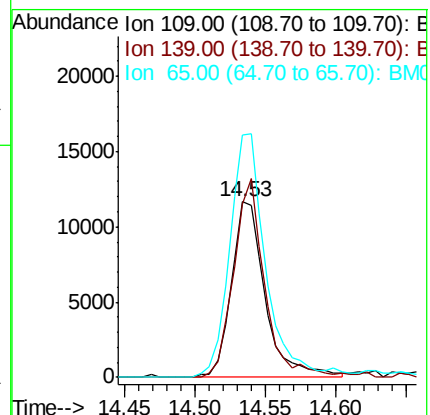
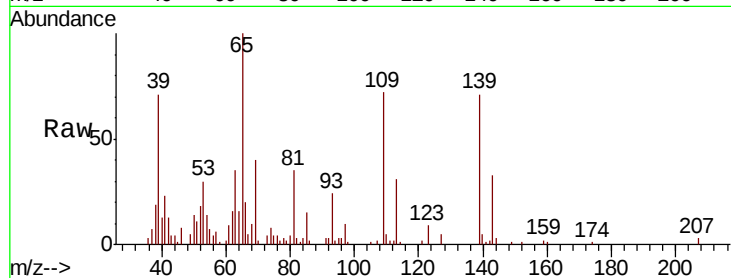
Tot Ion:109 Resp: 19564

Ion Ratio Lower Upper

109 100

139 98.3 84.8 127.2

65 138.4 105.1 157.7



#55

2,4-Dinitrotoluene

Concen: 33.409 ng/ul

RT: 14.69 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

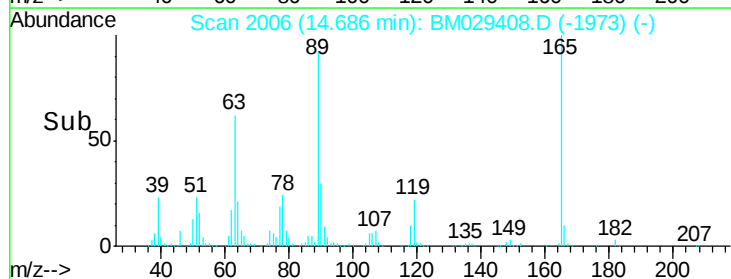
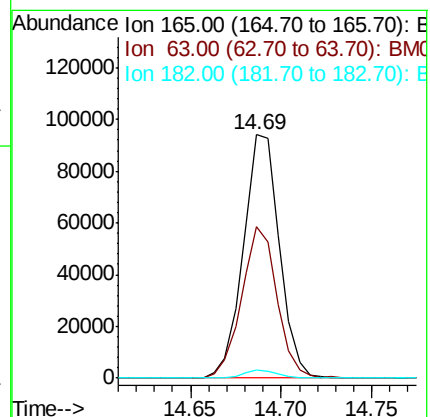
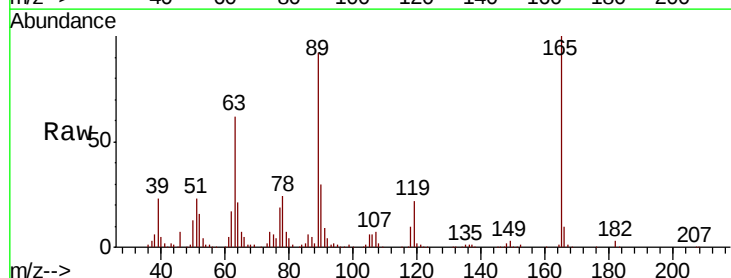
Tgt Ion:165 Resp: 130271

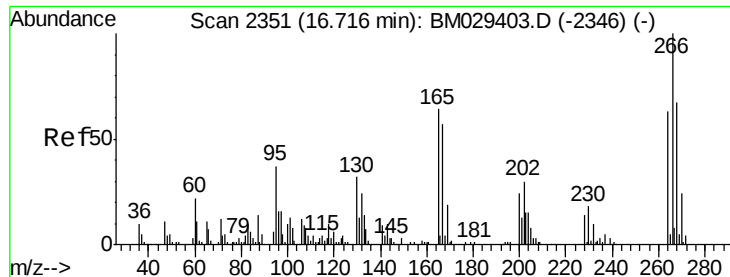
Ion Ratio Lower Upper

165 100

63 62.3 43.4 65.0

182 3.2 2.7 4.1





#69

Pentachlorophenol

Concen: 34.905 ng/ul

RT: 16.72 min Scan# 2351

Delta R.T. -0.01 min

Lab File: BM029408.D

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Instrument :

BNA_M

ClientSampleId :

ESQF7MSD

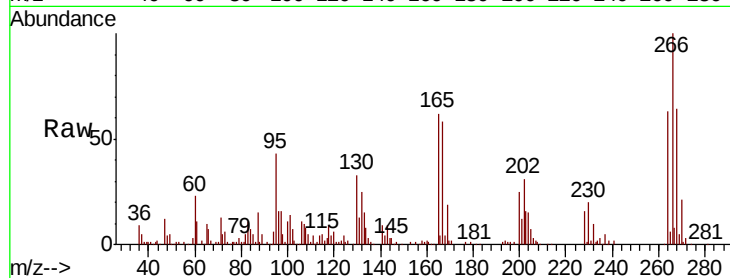
Tot Ion:266 Resp: 85578

Ion Ratio Lower Upper

266 100

264 63.3 49.1 73.7

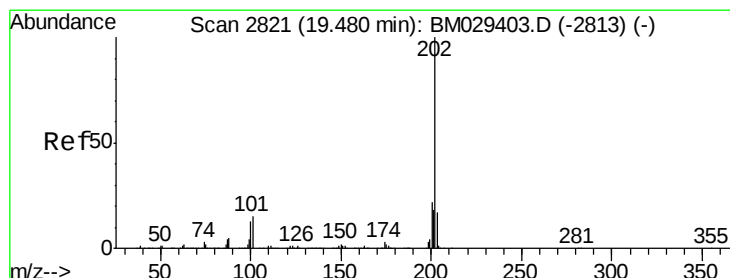
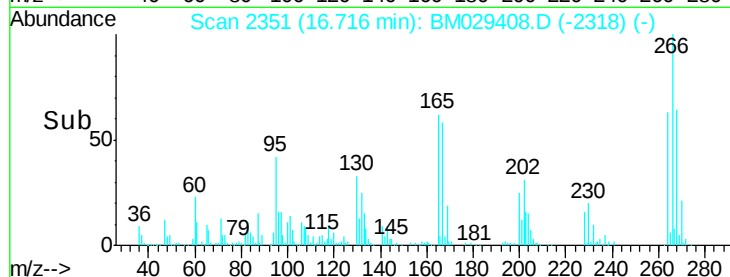
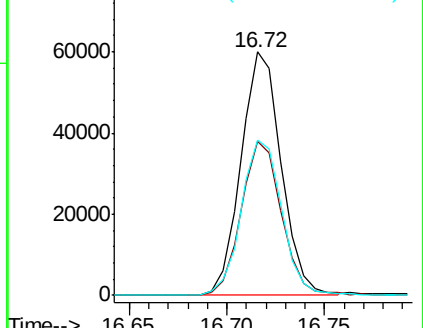
268 63.8 48.6 72.8



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: 35.538 ng/ul

RT: 19.49 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM029408.D

Acq: 08 Apr 2021 15:30

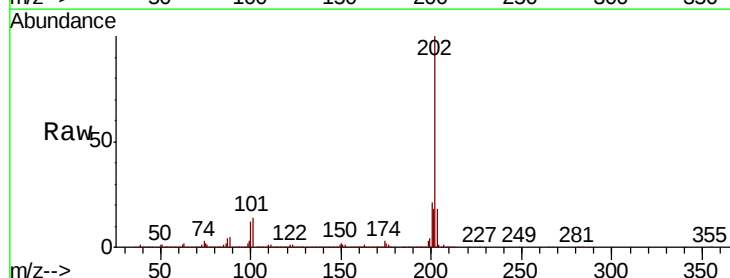
Tgt Ion:202 Resp: 890835

Ion Ratio Lower Upper

202 100

101 14.1 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

