

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
 Data File : BM021115.D
 Acq On : 23 Jun 2019 01:18
 Operator : HP/JU
 Sample : K3362-18MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4210MS

Quant Time: Jun 24 00:53:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 20 03:45:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	260791	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1095196	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	655573	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1386780	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1154034	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1301144	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	20849	3.80	ng/uL	0.00
5) Phenol-d5	6.94	99	406743	17.92	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	275903	20.40	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	363578	19.71	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	355324	18.75	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	192340	21.63	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	208855	21.16	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	400650	19.96	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.70	131	468115	22.36	ng/ul	-0.02
43) Dimethylphthalate-d6	13.83	166	1283054	21.66	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1484141	20.47	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	119561	12.41	ng/ul	-0.01
57) Fluorene-d10	15.41	176	1079423	20.95	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	122324	14.35	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1531076	21.25	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1564758	22.60	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1625168	21.17	ng/ul	-0.02

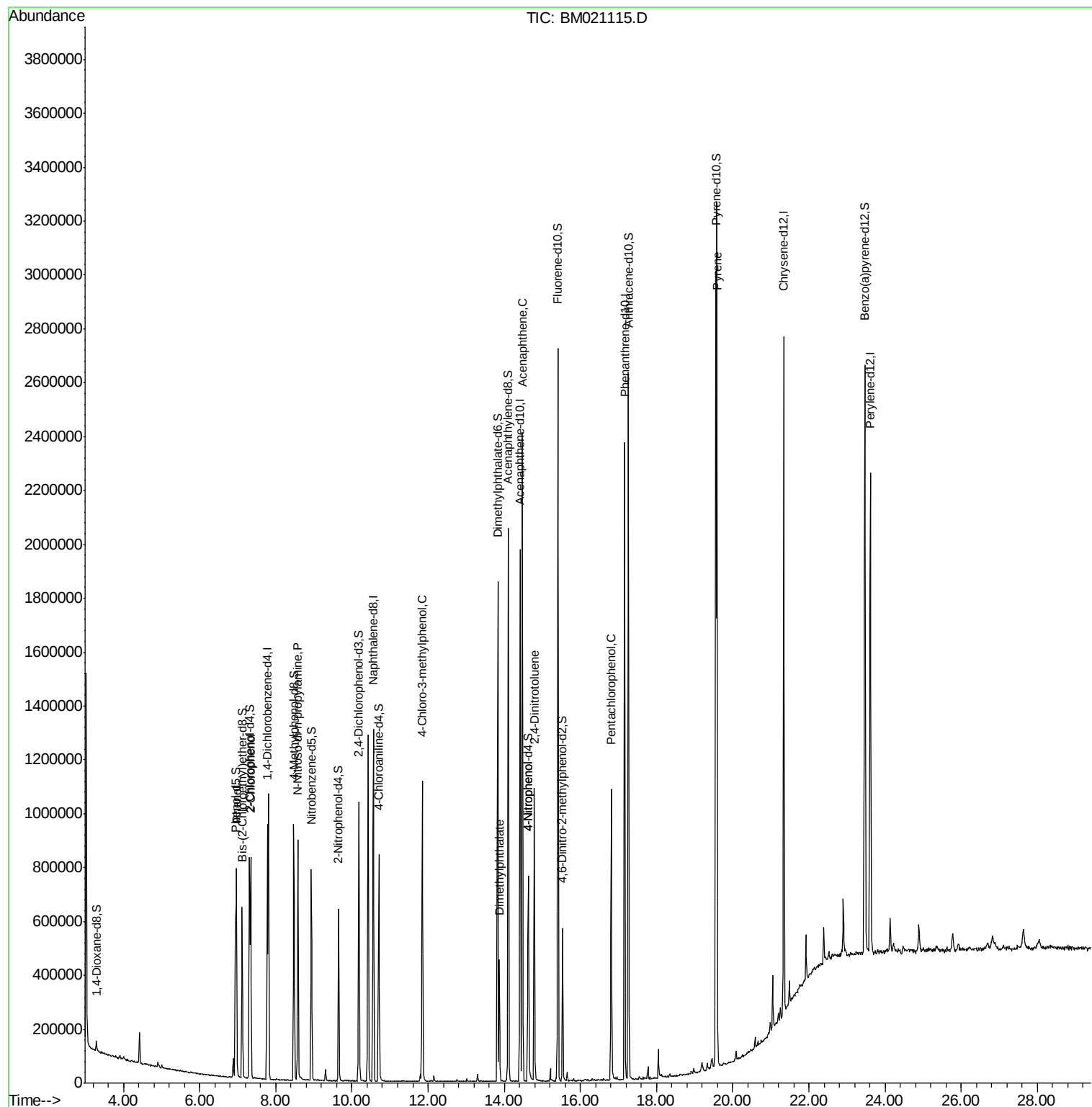
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Phenol	6.97	94	425154	19.802	ng/ul	99
10) 2-Chlorophenol	7.34	128	360772	20.756	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.58	70	328328	23.133	ng/ul	97
33) 4-Chloro-3-methylphenol	11.85	107	386553	20.749	ng/ul	99
44) Dimethylphthalate	13.87	163	295743	5.485	ng/ul	99
49) Acenaphthene	14.48	153	1016514	22.334	ng/ul	99
52) 4-Nitrophenol	14.63	109	111627	15.663	ng/ul	96
54) 2,4-Dinitrotoluene	14.79	165	330580	22.135	ng/ul	97
68) Pentachlorophenol	16.81	266	205760	21.054	ng/ul	100
79) Pyrene	19.59	202	1977617	24.240	ng/ul	99

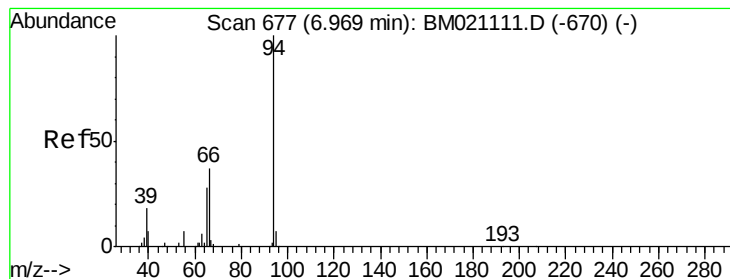
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration





#6

Phenol

Concen: 19.802 ng/ul

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM021115.D

Acq: 23 Jun 2019 01:18

Instrument :

BNA_M

ClientSampleId :

A4210MS

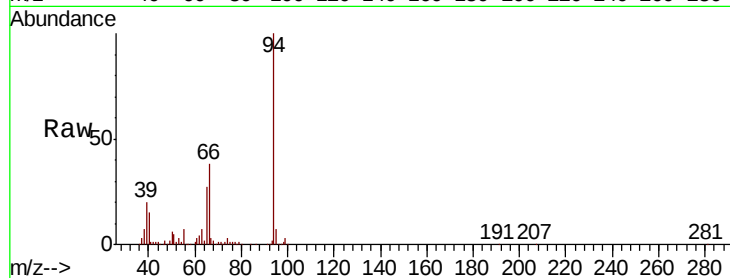
Tgt Ion: 94 Resp: 425154

Ion Ratio Lower Upper

94 100

65 27.4 22.6 34.0

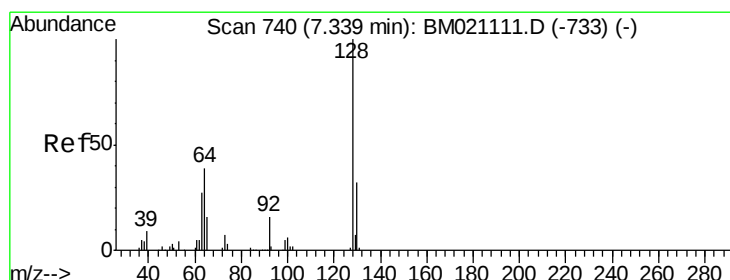
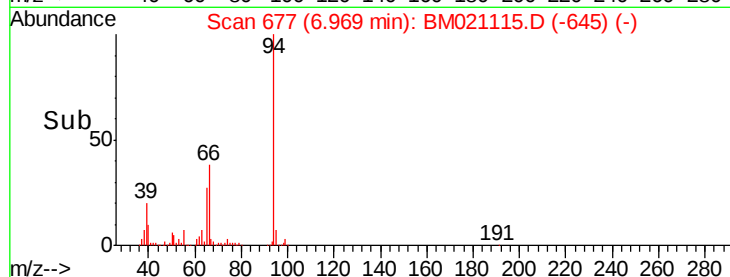
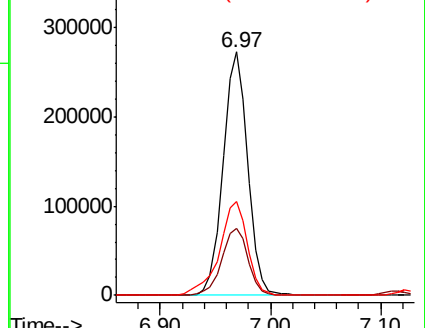
66 38.3 31.2 46.8



Abundance Ion 94.00 (93.70 to 94.70): BM021115.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021115.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021115.D (-670) (-)



#10

2-Chlorophenol

Concen: 20.756 ng/ul

RT: 7.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM021115.D

Acq: 23 Jun 2019 01:18

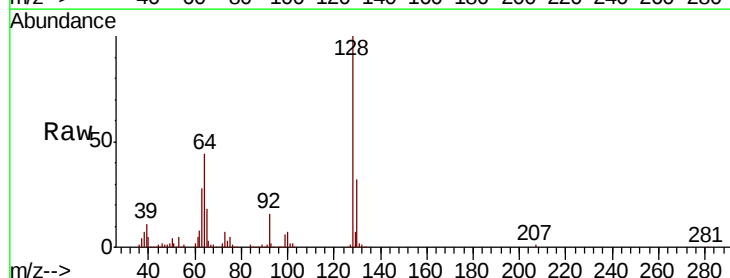
Tgt Ion: 128 Resp: 360772

Ion Ratio Lower Upper

128 100

64 43.6 34.2 51.4

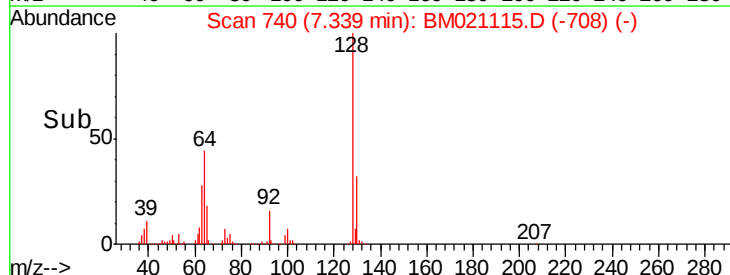
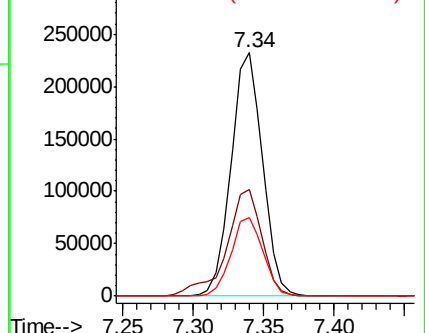
130 32.2 26.8 40.2

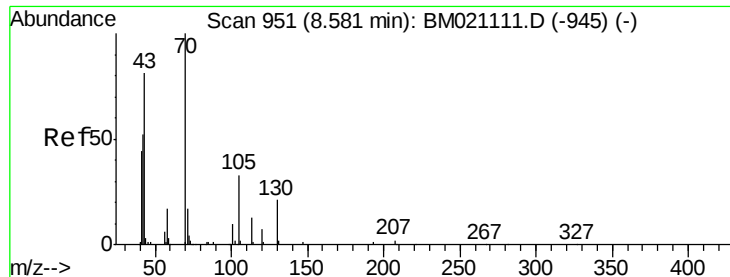


Abundance Ion 128.00 (127.70 to 128.70): BM021115.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM021115.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM021115.D (-733) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 23.133 ng/ul

RT: 8.58 min Scan# 951

Delta R.T. -0.02 min

Lab File: BM021115.D

Acq: 23 Jun 2019 01:18

Instrument :

BNA_M

ClientSampleId :

A4210MS

Tgt Ion: 70 Resp: 328328

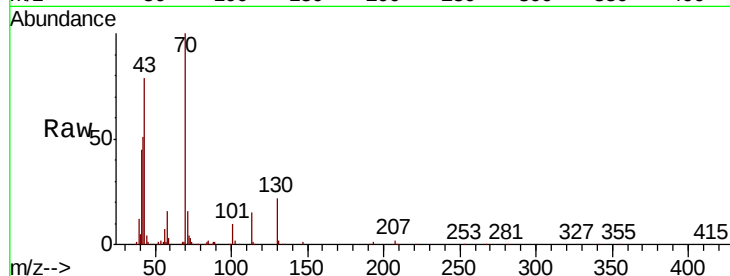
Ion Ratio Lower Upper

70 100

42 51.0 43.4 65.0

101 10.2 7.8 11.6

130 22.1 18.5 27.7

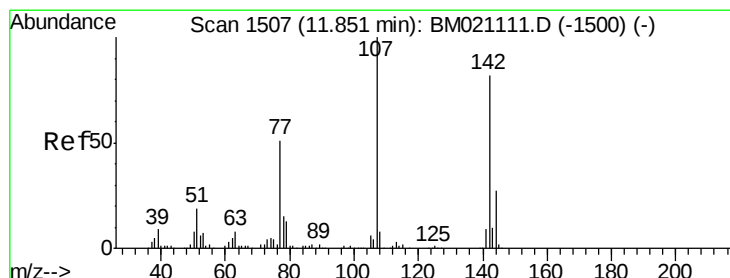
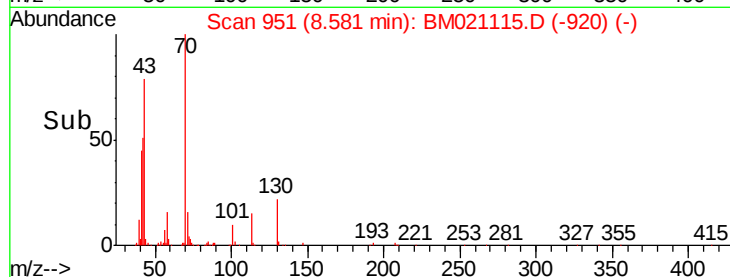
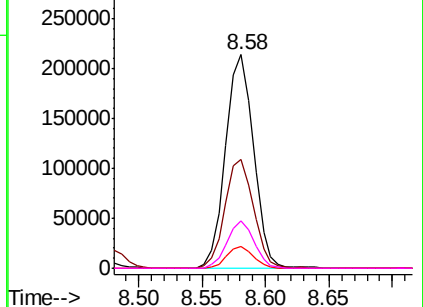


Abundance Ion 70.00 (69.70 to 70.70): BM021111.D (-945) (-)

Ion 42.00 (41.70 to 42.70): BM021111.D (-945) (-)

Ion 101.00 (100.70 to 101.70): BM021111.D (-945) (-)

Ion 130.00 (129.70 to 130.70): BM021111.D (-945) (-)



#33

4-Chloro-3-methylphenol

Concen: 20.749 ng/ul

RT: 11.85 min Scan# 1506

Delta R.T. -0.02 min

Lab File: BM021115.D

Acq: 23 Jun 2019 01:18

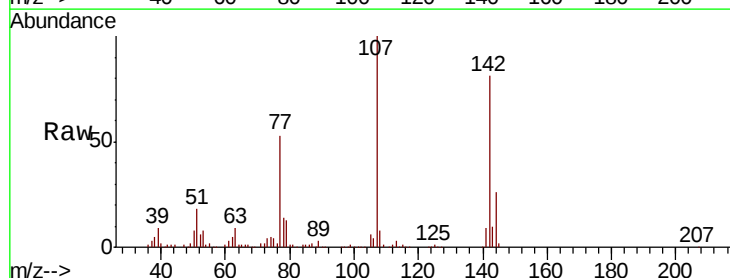
Tgt Ion: 107 Resp: 386553

Ion Ratio Lower Upper

107 100

144 25.9 21.0 31.4

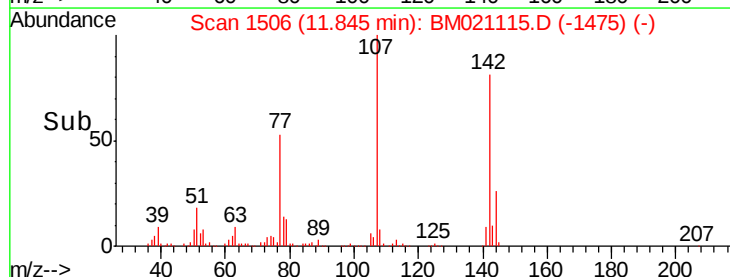
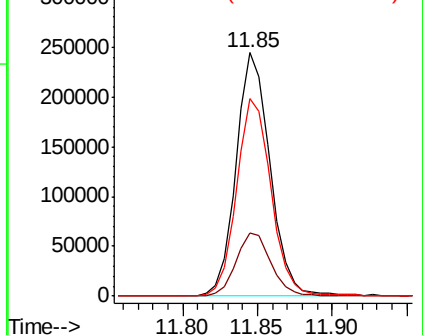
142 81.0 64.3 96.5

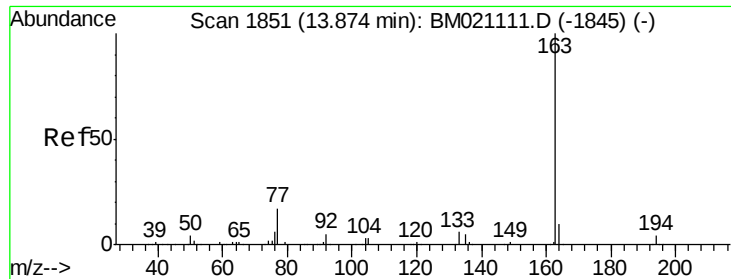


Abundance Ion 107.00 (106.70 to 107.70): BM021111.D (-1500) (-)

Ion 144.00 (143.70 to 144.70): BM021111.D (-1500) (-)

Ion 142.00 (141.70 to 142.70): BM021111.D (-1500) (-)

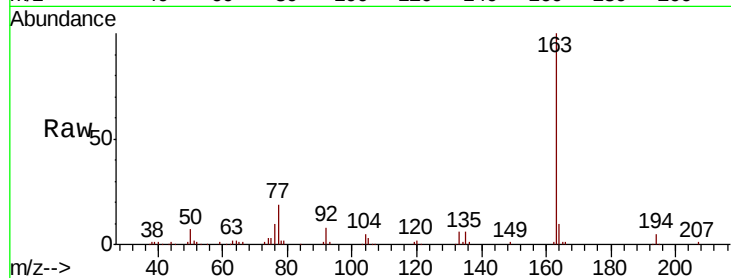




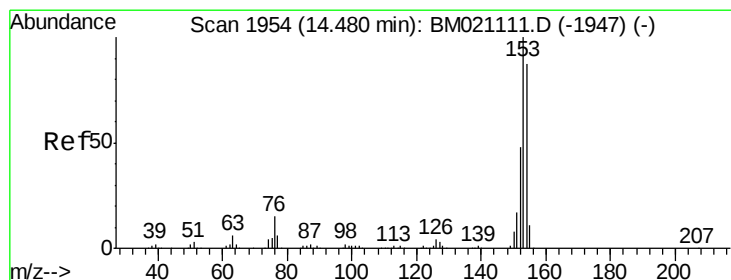
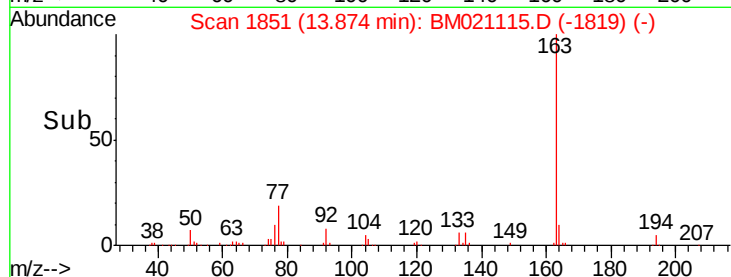
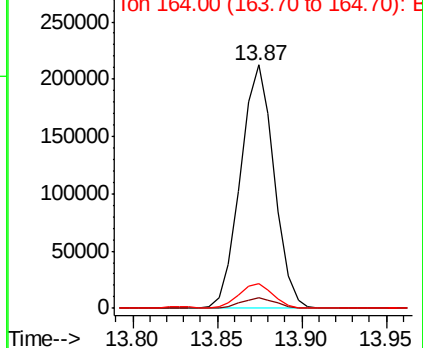
#44
Dimethylphthalate
Concen: 5.485 ng/ul
RT: 13.87 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BM021115.D
Acq: 23 Jun 2019 01:18

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A4210MS

Tgt Ion:163 Resp: 295743
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.2 7.7 11.5

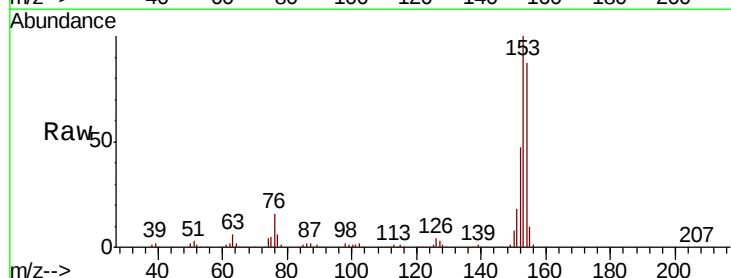


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

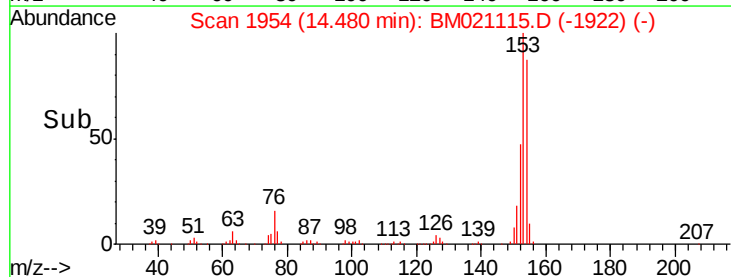
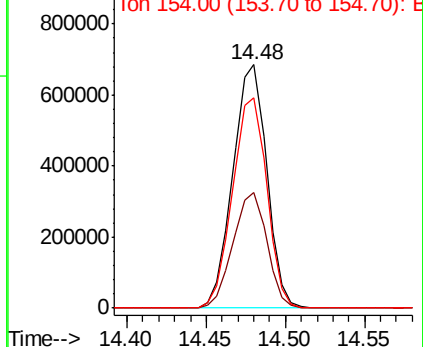


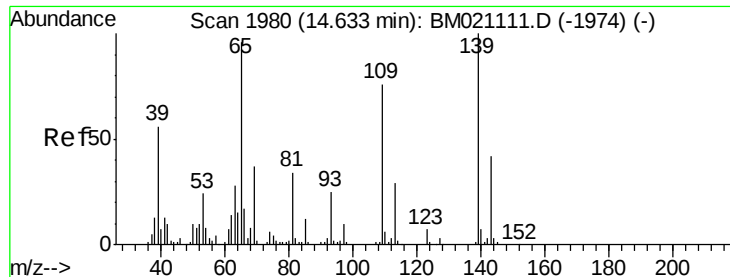
#49
Acenaphthene
Concen: 22.334 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM021115.D
Acq: 23 Jun 2019 01:18

Tgt Ion:153 Resp: 1016514
Ion Ratio Lower Upper
153 100
152 47.3 37.3 55.9
154 86.6 70.5 105.7



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

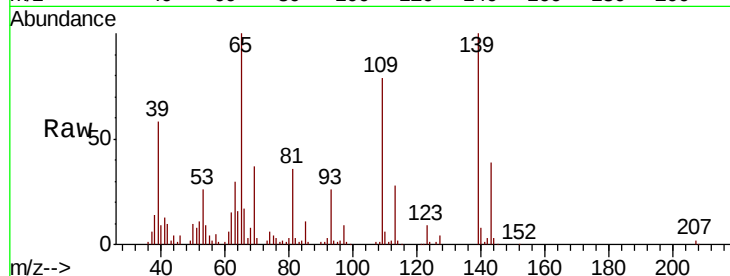




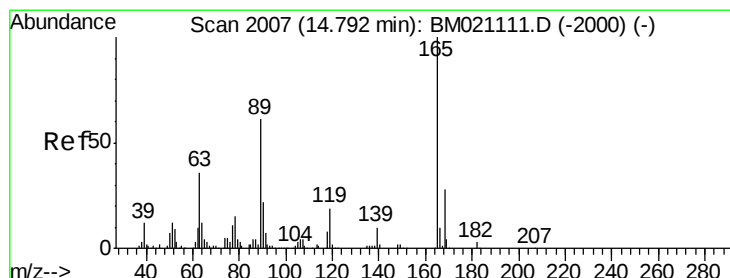
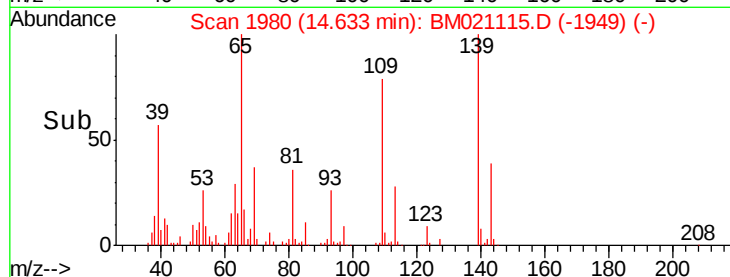
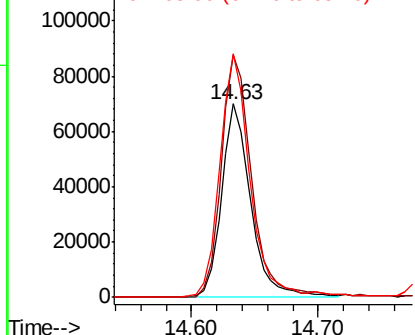
#52
4-Nitrophenol
Concen: 15.663 ng/ul
RT: 14.63 min Scan# 1980
Delta R.T. -0.02 min
Lab File: BM021115.D
Acq: 23 Jun 2019 01:18

Instrument :
BNA_M
ClientSampleId :
A4210MS

Tgt Ion:109 Resp: 111627
Ion Ratio Lower Upper
109 100
139 125.5 106.2 159.4
65 125.8 99.6 149.4

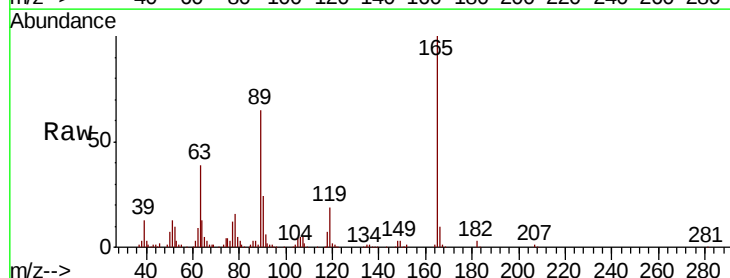


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

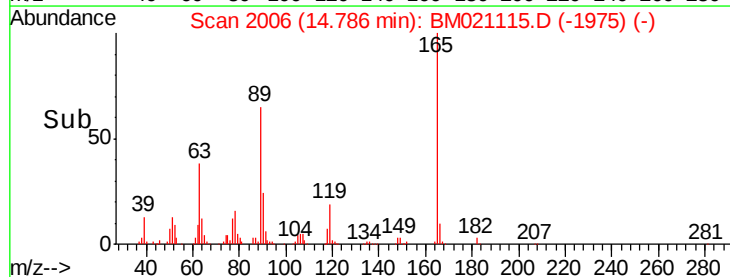
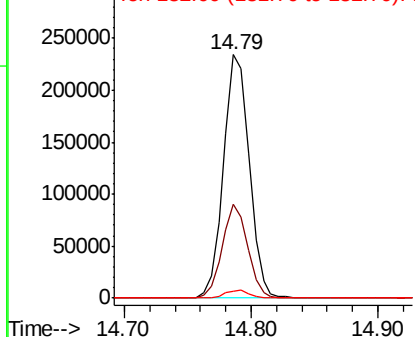


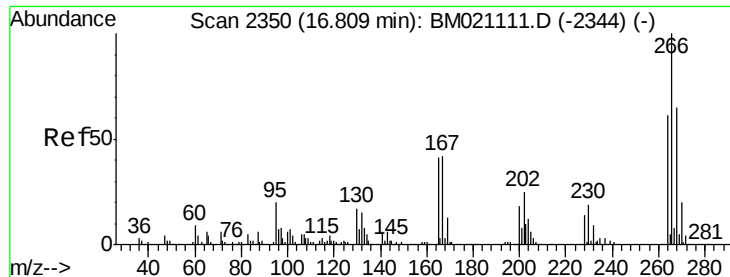
#54
2,4-Dinitrotoluene
Concen: 22.135 ng/ul
RT: 14.79 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM021115.D
Acq: 23 Jun 2019 01:18

Tgt Ion:165 Resp: 330580
Ion Ratio Lower Upper
165 100
63 38.6 29.4 44.0
182 2.9 2.1 3.1



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 21.054 ng/ul

RT: 16.81 min Scan# 2350

Delta R.T. -0.01 min

Lab File: BM021115.D

Acq: 23 Jun 2019 01:18

Instrument :

BNA_M

ClientSampleId :

A4210MS

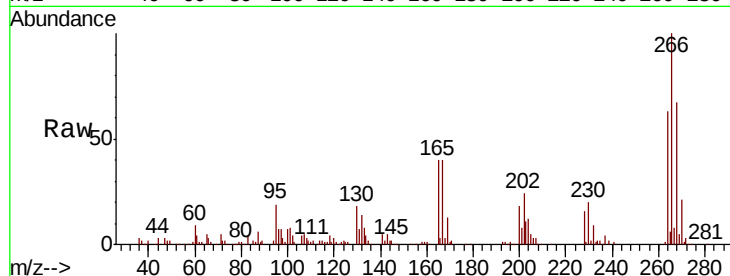
Tgt Ion:266 Resp: 205760

Ion Ratio Lower Upper

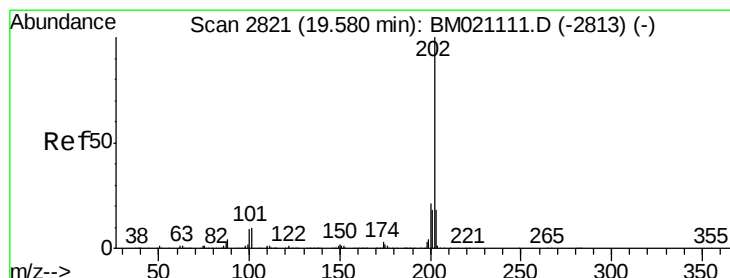
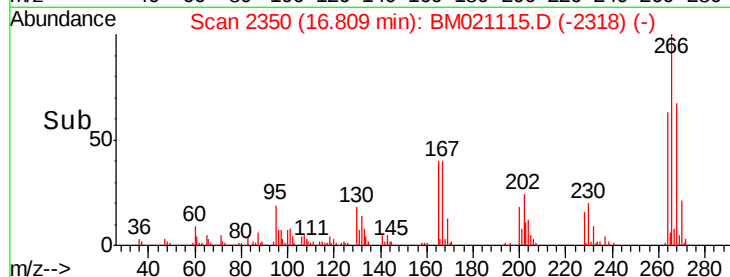
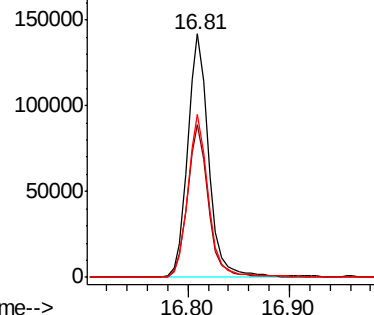
266 100

264 62.7 49.9 74.9

268 66.9 53.4 80.0



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



#79

Pyrene

Concen: 24.240 ng/ul

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM021115.D

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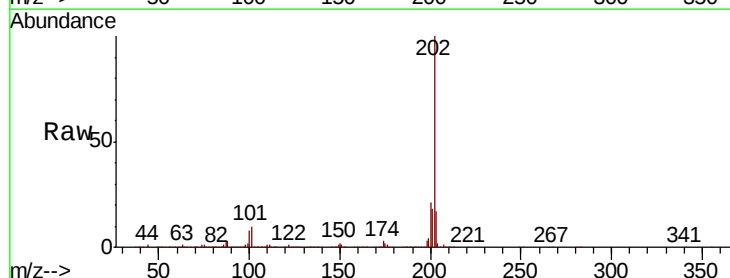
Tgt Ion:202 Resp: 1977617

Ion Ratio Lower Upper

202 100

101 9.6 8.1 12.1

100 7.9 6.6 10.0



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

