

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007676.D
 Acq On : 16 Sep 2019 21:02
 Operator : HP/JU
 Sample : K4780-14MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 02:33:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	652809	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2764919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1797771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3883761	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3945215	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	4166998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	74143	4.32	ng/uL	0.00
5) Phenol-d5	6.88	99	443429	7.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	878147	24.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1001214	23.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	734872	15.51	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	593211	29.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	606869	31.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1183356	26.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	172928	2.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4207597	29.41	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4668459	28.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	180094	7.08	ng/ul	0.00
57) Fluorene-d10	15.33	176	3569344	28.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	441105	21.05	ng/ul	0.00
70) Anthracene-d10	17.17	188	6077747	31.44	ng/ul	0.00
78) Pyrene-d10	19.47	212	7269270	34.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	7376195	34.02	ng/ul	0.00

Target Compounds

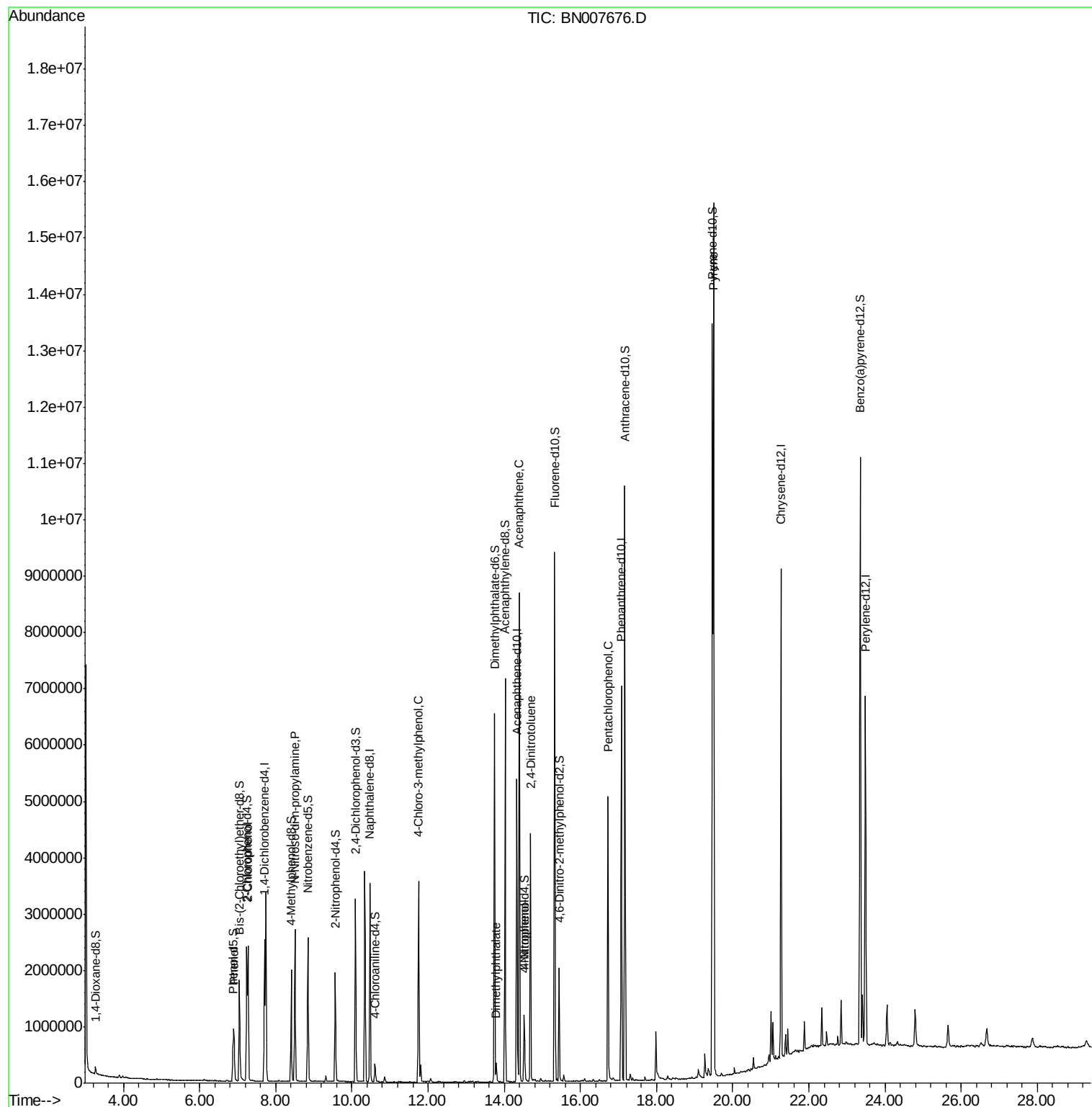
					Ovalue
6) Phenol	6.90	94	538973	7.980	ng/ul 98
10) 2-Chlorophenol	7.28	128	1020145	21.512	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.50	70	1141782	27.388	ng/ul 98
33) 4-Chloro-3-methylphenol	11.75	107	1299485	24.301	ng/ul 99
44) Dimethylphthalate	13.79	163	190292	1.305	ng/ul 99
49) Acenaphthene	14.39	153	3299759	27.181	ng/ul 99
52) 4-Nitrophenol	14.53	109	149276	7.148	ng/ul 92
54) 2,4-Dinitrotoluene	14.69	165	1199858	30.078	ng/ul 94
68) Pentachlorophenol	16.73	266	871739	30.909	ng/ul 98
79) Pyrene	19.50	202	8851158	33.693	ng/ul 99

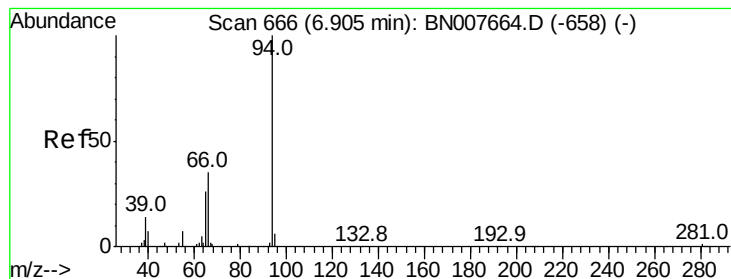
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.980 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

Instrument :

BNA_N

ClientSampleId :

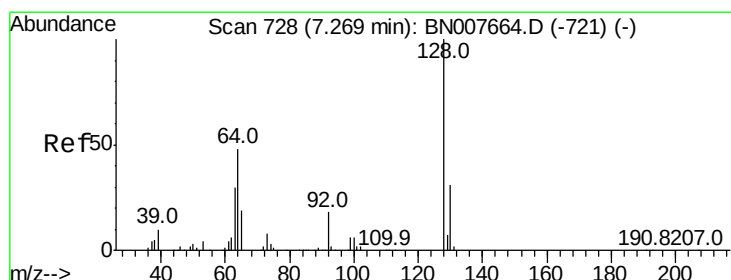
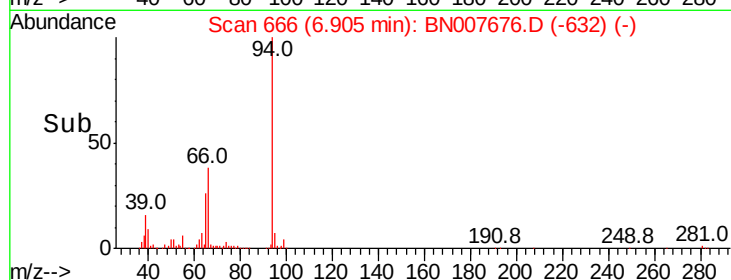
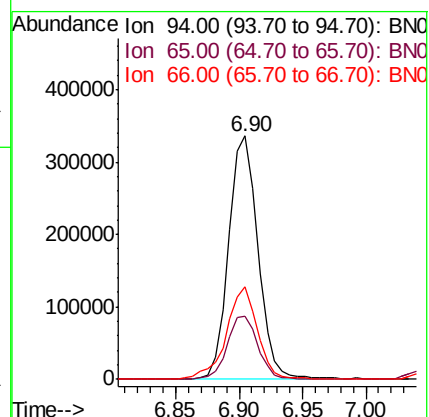
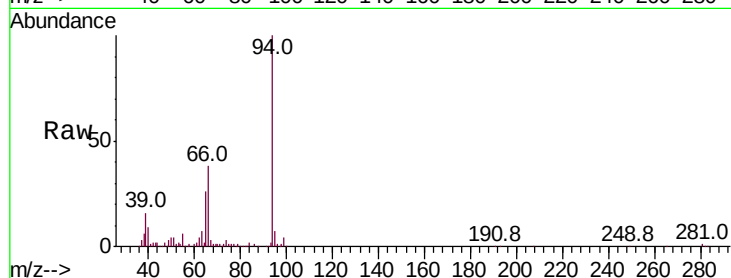
Tot Ion: 94 Resp: 538973

Ion Ratio Lower Upper

94 100

65 26.1 20.7 31.1

66 37.8 28.6 42.8



#10

2-Chlorophenol

Concen: 21.512 ng/ul

RT: 7.28 min Scan# 729

Delta R.T. 0.01 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

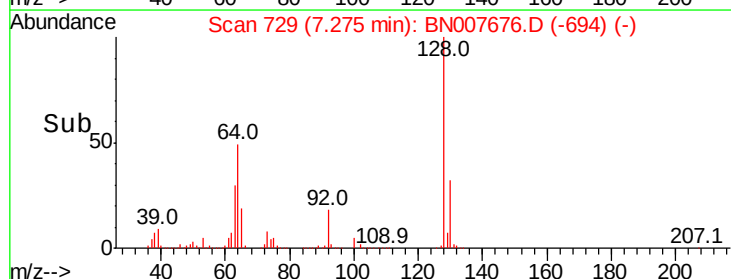
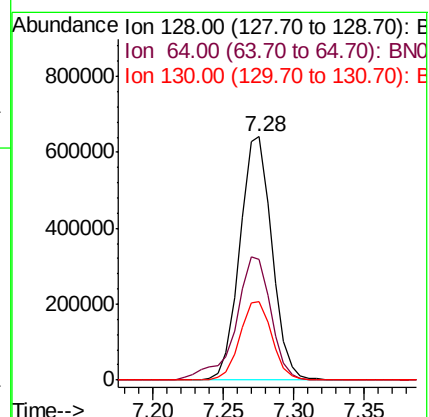
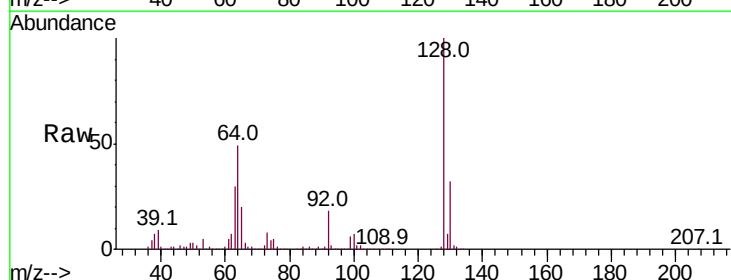
Tgt Ion: 128 Resp: 1020145

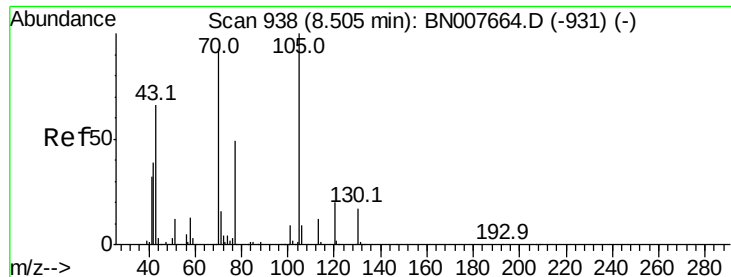
Ion Ratio Lower Upper

128 100

64 49.3 40.6 60.8

130 32.0 25.2 37.8





#15

N-Nitroso-di-n-propylamine

Concen: 27.388 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

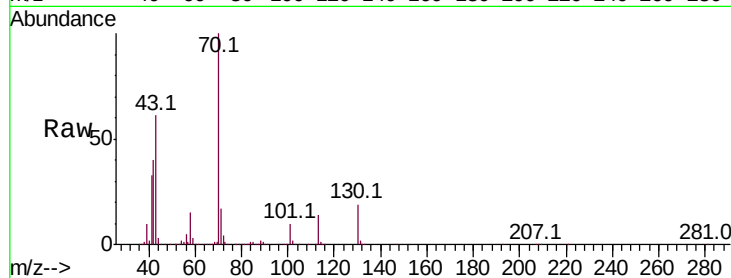
Instrument :

BNA_N

ClientSampled :

Tot Ion: 70 Resp: 1141782

Ion	Ratio	Lower	Upper
70	100		
42	40.4	34.1	51.1
101	9.5	7.5	11.3
130	18.5	14.9	22.3

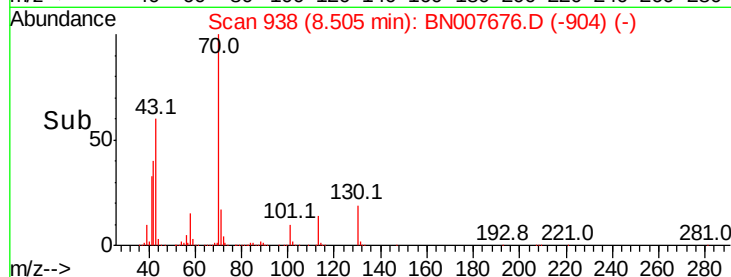


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->

8.45 8.50 8.55 8.60

800000

600000

400000

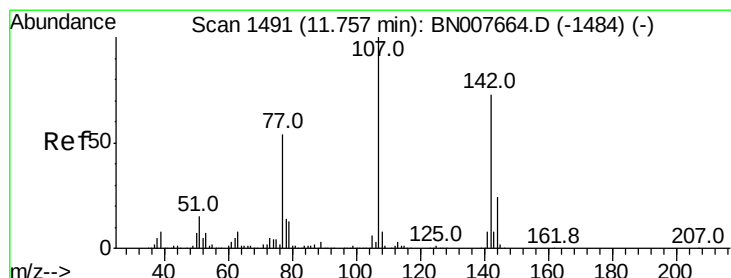
200000

0

8.45 8.50 8.55 8.60

Time-->

8.45 8.50 8.55 8.60



#33

4-Chloro-3-methylphenol

Concen: 24.301 ng/ul

RT: 11.75 min Scan# 1490

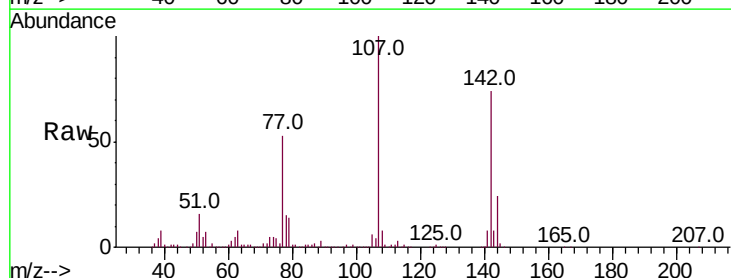
Delta R.T. -0.01 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

Tgt Ion:107 Resp: 1299485

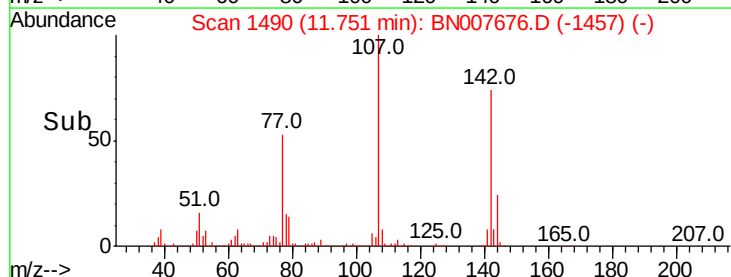
Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.3	28.9
142	74.2	58.7	88.1



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



Time-->

11.70 11.75 11.80 11.90

800000

600000

400000

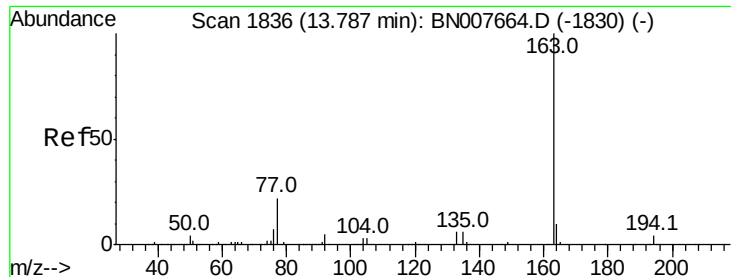
200000

0

11.70 11.75 11.80 11.90

Time-->

11.70 11.75 11.80 11.90



#44

Dimethylphthalate

Concen: 1.305 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

Instrument :

BNA_N

ClientSampleId :

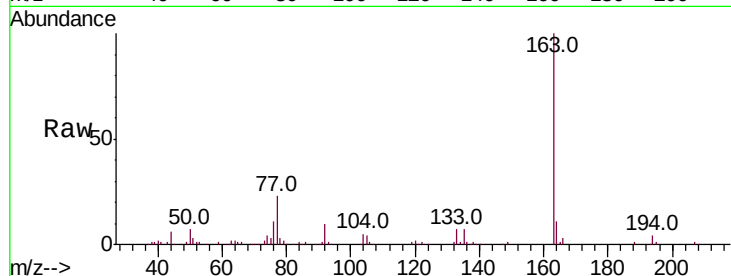
Tot Ion:163 Resp: 190292

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

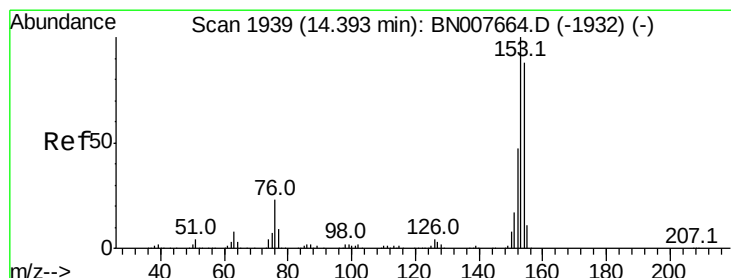
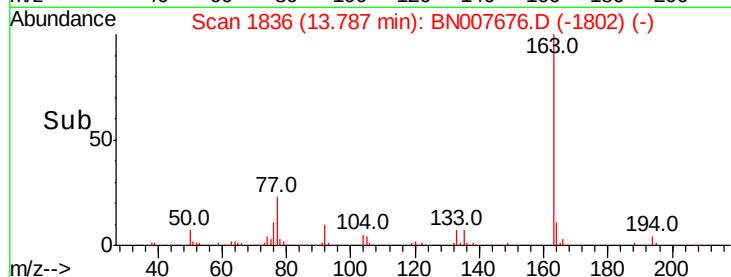
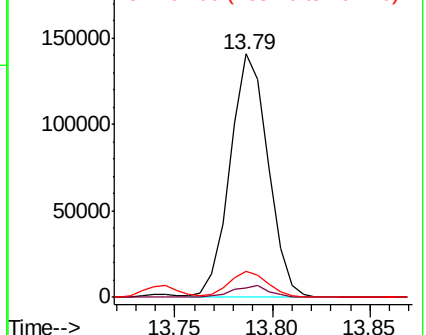
164 10.6 8.4 12.6



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



#49

Acenaphthene

Concen: 27.181 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

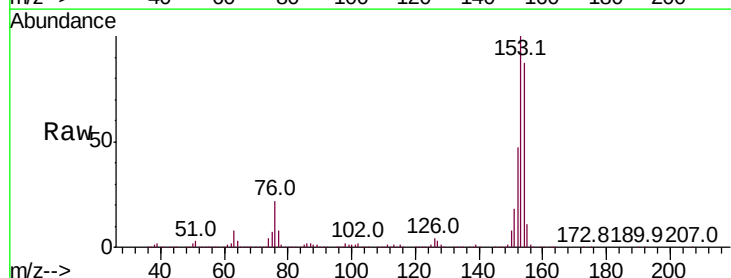
Tgt Ion:153 Resp: 3299759

Ion Ratio Lower Upper

153 100

152 46.6 37.8 56.8

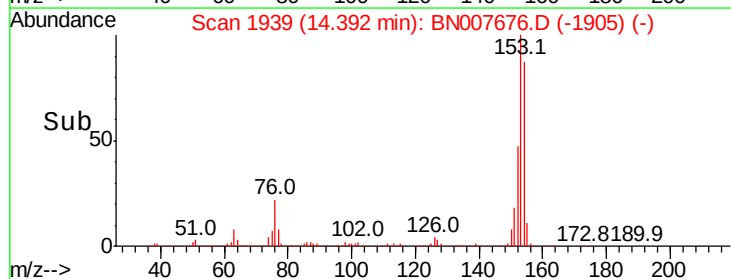
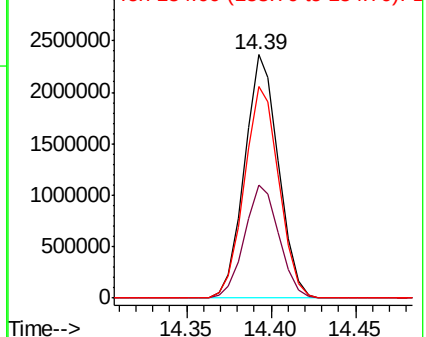
154 86.8 70.3 105.5

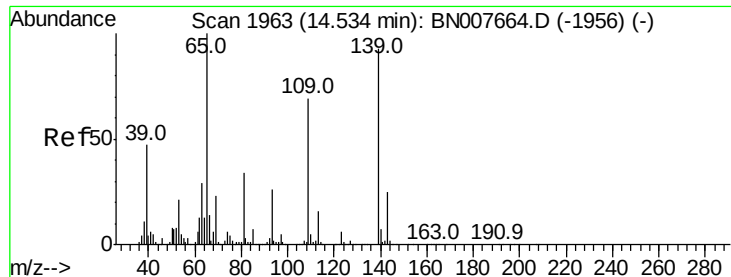


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 7.148 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

Instrument :

BNA_N

ClientSampleId :

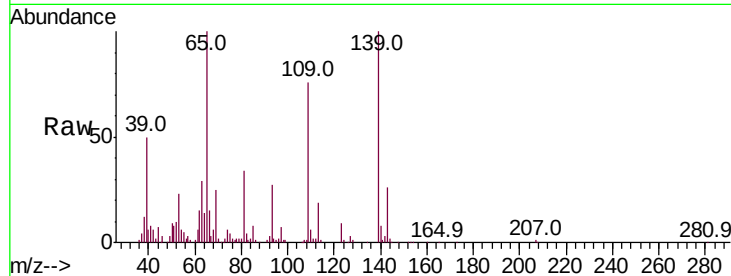
Tot Ion:109 Resp: 149276

Ion Ratio Lower Upper

109 100

139 130.7 108.2 162.4

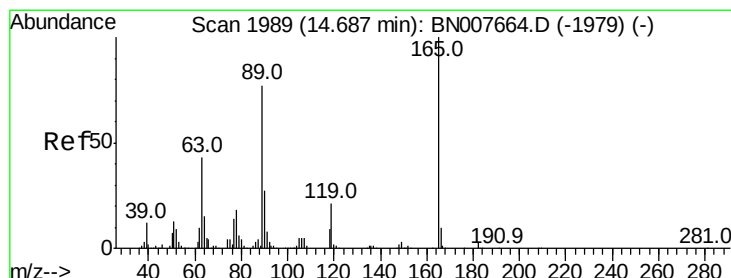
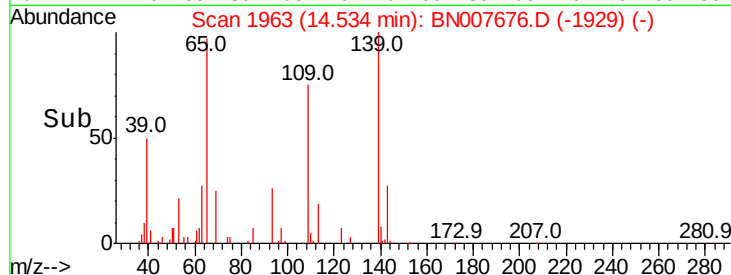
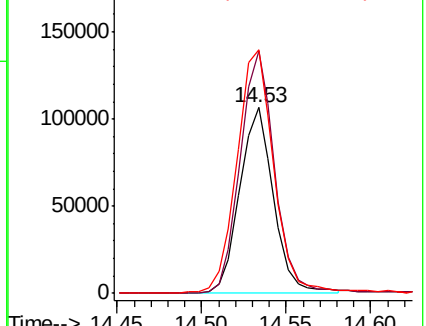
65 131.2 116.5 174.7



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): BNC



#54

2,4-Dinitrotoluene

Concen: 30.078 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

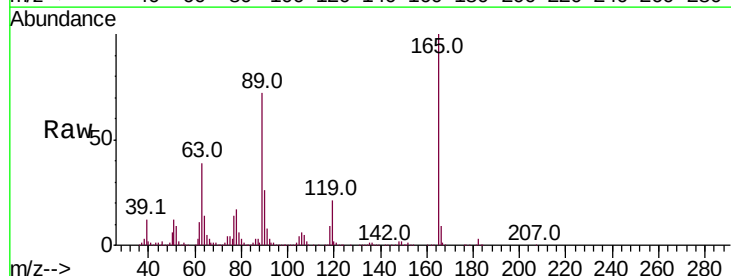
Tgt Ion:165 Resp: 1199858

Ion Ratio Lower Upper

165 100

63 39.2 34.6 51.8

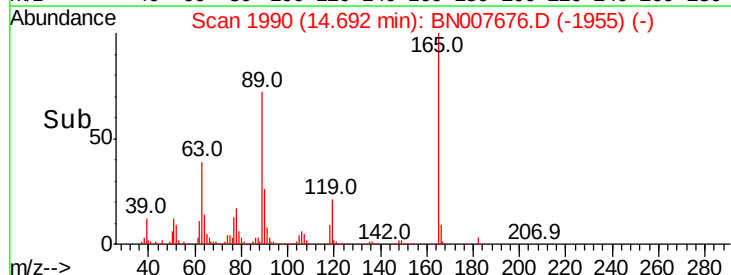
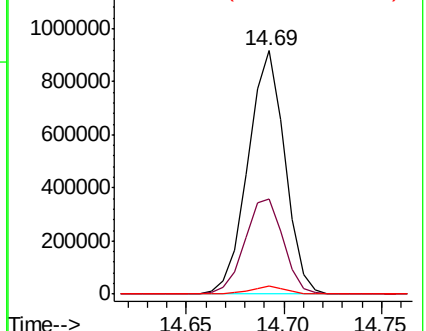
182 3.4 2.5 3.7

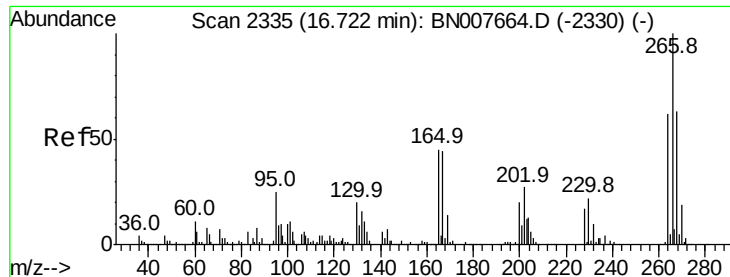


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#68

Pentachlorophenol

Concen: 30.909 ng/ul

RT: 16.73 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

Instrument :

BNA_N

ClientSampleId :

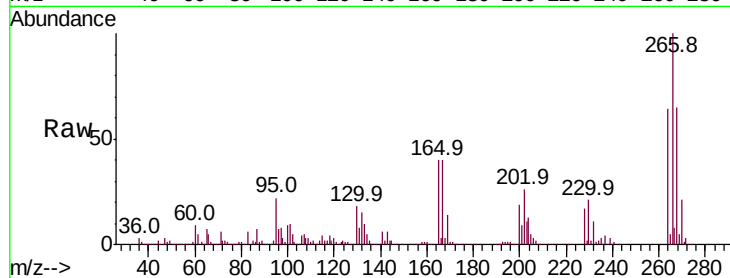
Tot Ion:266 Resp: 871739

Ion Ratio Lower Upper

266 100

264 63.7 49.4 74.2

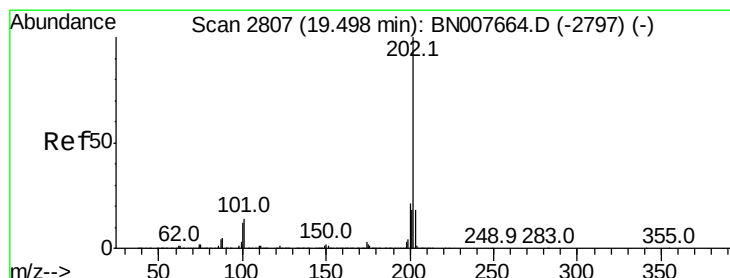
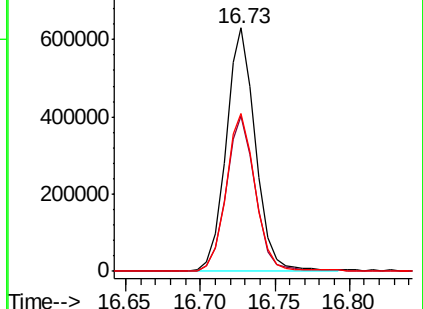
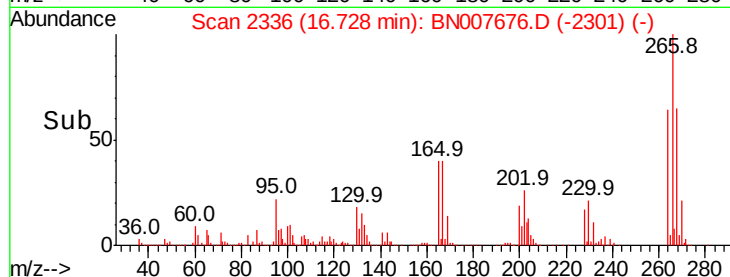
268 64.8 50.4 75.6



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: 33.693 ng/ul

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007676.D

Acq: 16 Sep 2019 21:02

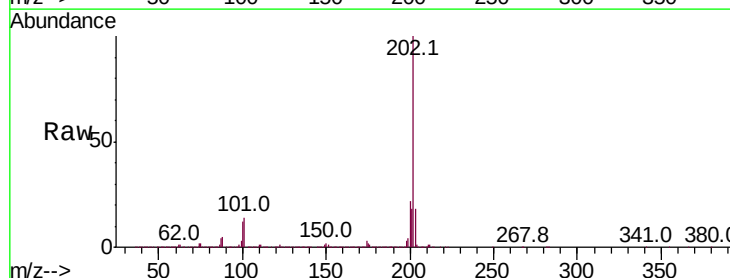
Tgt Ion:202 Resp: 8851158

Ion Ratio Lower Upper

202 100

101 14.4 11.2 16.8

100 12.0 9.4 14.0



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

