

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007677.D
 Acq On : 16 Sep 2019 21:38
 Operator : HP/JU
 Sample : K4780-15MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 02:33:41 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	656347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2772527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1780054	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3831606	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3855782	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	4105850	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	78850	4.57	ng/uL	0.00
5) Phenol-d5	6.88	99	440441	7.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	892165	25.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1007249	23.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	722858	15.18	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	589786	29.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	591931	30.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1140487	25.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	169326	2.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4109565	29.01	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4449996	27.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	182872	7.26	ng/ul	0.00
57) Fluorene-d10	15.33	176	3487451	28.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	447753	21.65	ng/ul	0.00
70) Anthracene-d10	17.17	188	6071860	31.83	ng/ul	0.00
78) Pyrene-d10	19.47	212	7300923	35.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	7383915	34.56	ng/ul	0.00

Target Compounds

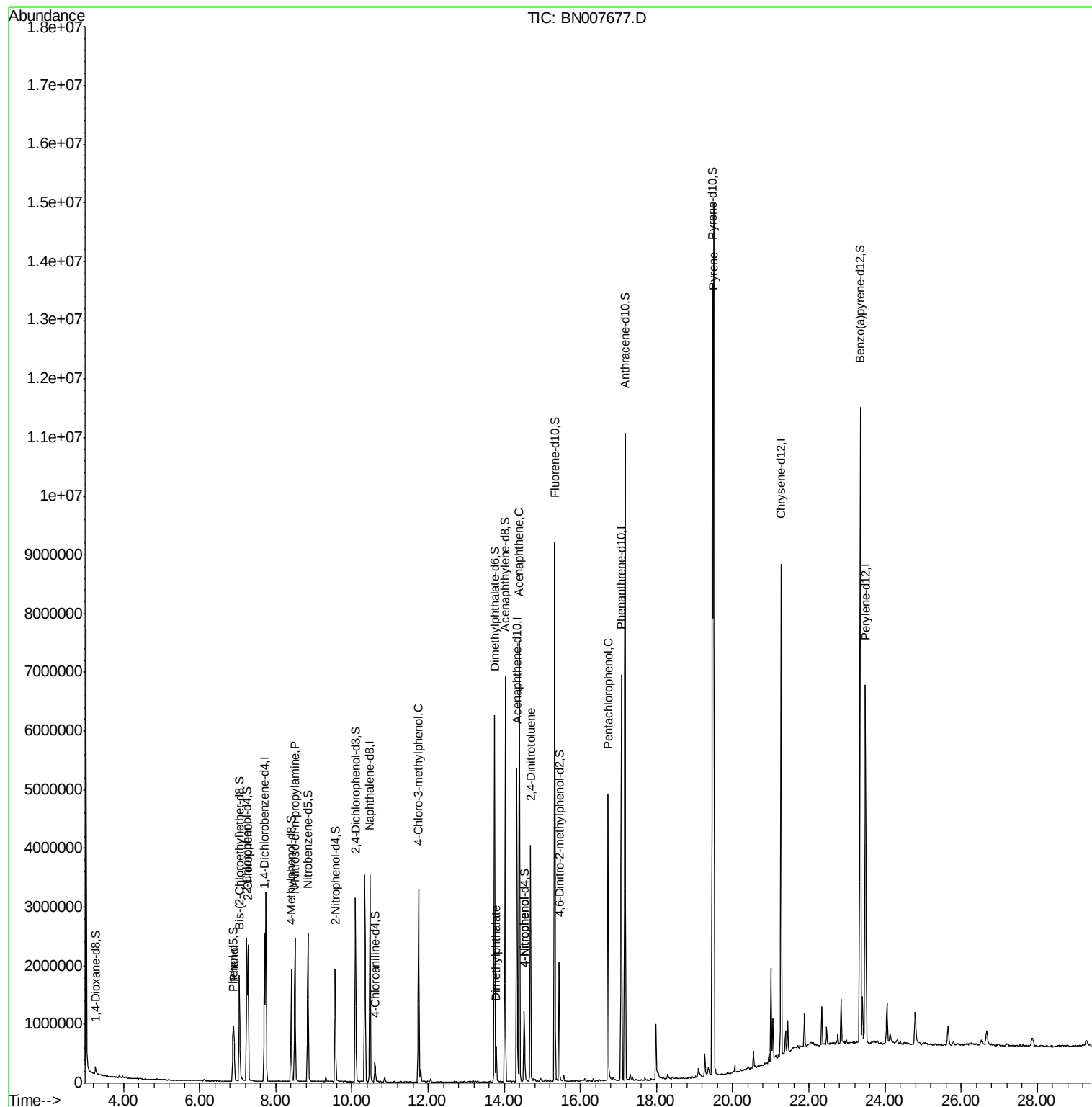
					Ovalue
6) Phenol	6.90	94	528008	7.775	ng/ul 99
10) 2-Chlorophenol	7.27	128	973405	20.416	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.50	70	1040330	24.820	ng/ul 98
33) 4-Chloro-3-methylphenol	11.75	107	1168110	21.784	ng/ul 99
44) Dimethylphthalate	13.79	163	357120	2.473	ng/ul 99
49) Acenaphthene	14.39	153	2953618	24.572	ng/ul 100
52) 4-Nitrophenol	14.53	109	144469	6.987	ng/ul 97
54) 2,4-Dinitrotoluene	14.69	165	1131169	28.638	ng/ul 95
68) Pentachlorophenol	16.73	266	831436	29.882	ng/ul 97
79) Pyrene	19.50	202	8429781	32.833	ng/ul 99

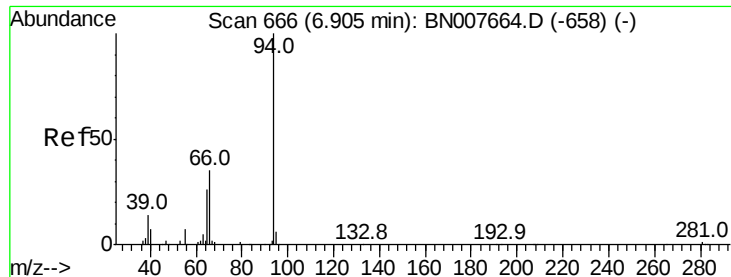
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 7.775 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

Instrument :

BNA_N

ClientSampleId :

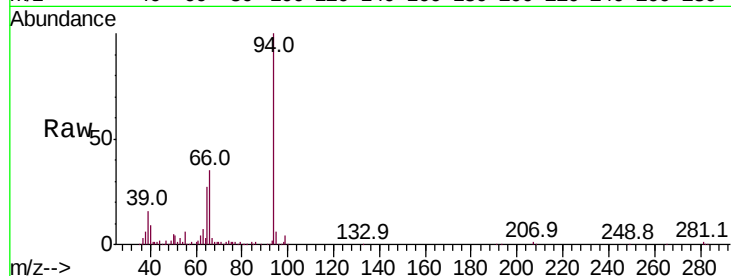
Tot Ion: 94 Resp: 528008

Ion Ratio Lower Upper

94 100

65 27.3 20.7 31.1

66 35.4 28.6 42.8



Abundance Ion 94.00 (93.70 to 94.70): BN007664.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN007664.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007664.D (-658) (-)

6.90

400000

300000

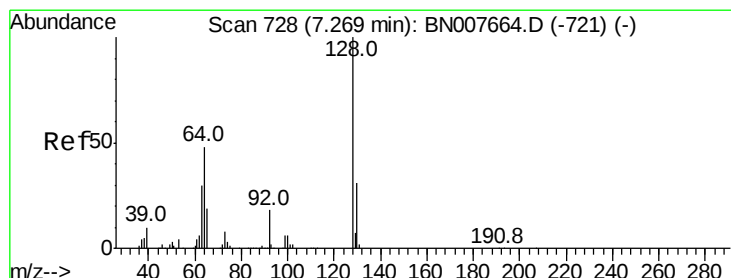
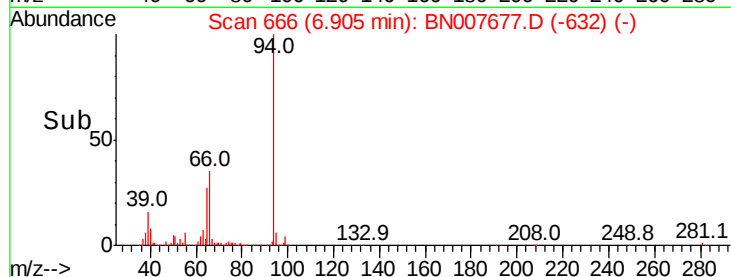
200000

100000

0

6.85 6.90 6.95

Time-->



#10

2-Chlorophenol

Concen: 20.416 ng/ul

RT: 7.27 min Scan# 728

Delta R.T. -0.00 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

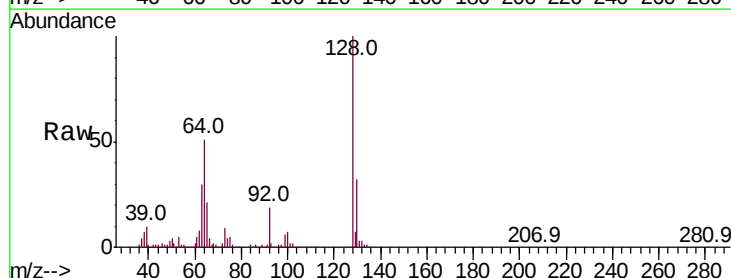
Tgt Ion:128 Resp: 973405

Ion Ratio Lower Upper

128 100

64 50.6 40.6 60.8

130 31.7 25.2 37.8



Abundance Ion 128.00 (127.70 to 128.70): BN007664.D (-721) (-)

Ion 64.00 (63.70 to 64.70): BN007664.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BN007664.D (-721) (-)

7.27

800000

600000

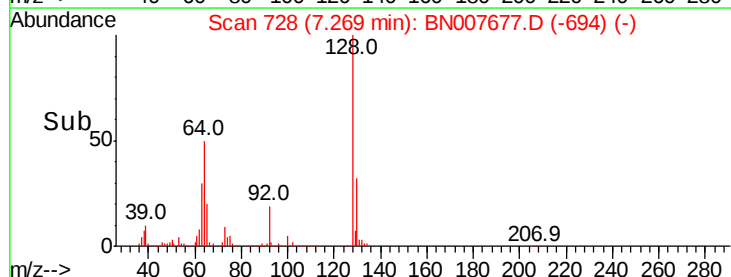
400000

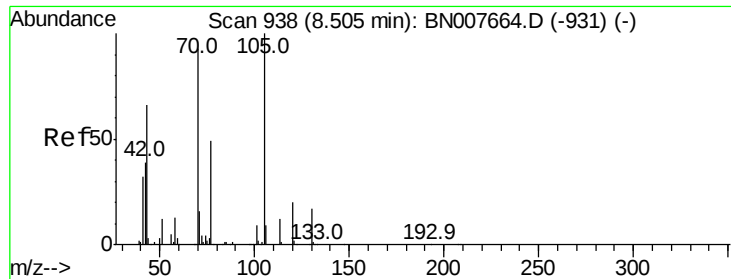
200000

0

7.20 7.25 7.30 7.35

Time-->





#15

N-Nitroso-di-n-propylamine

Concen: 24.820 ng/ul

RT: 8.50 min Scan# 938

Delta R.T. -0.00 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 1040330

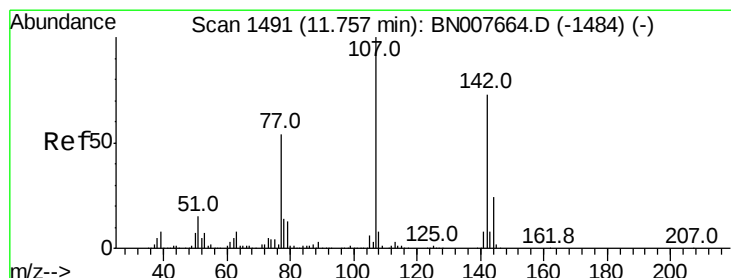
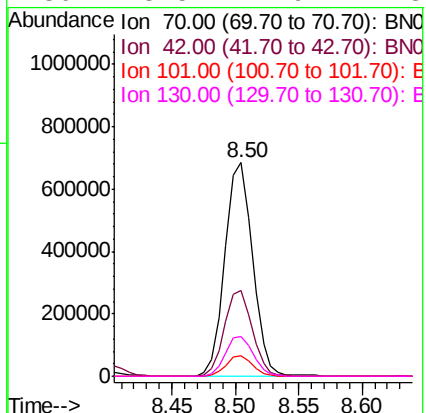
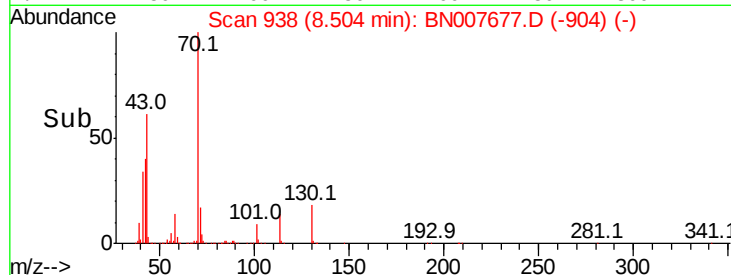
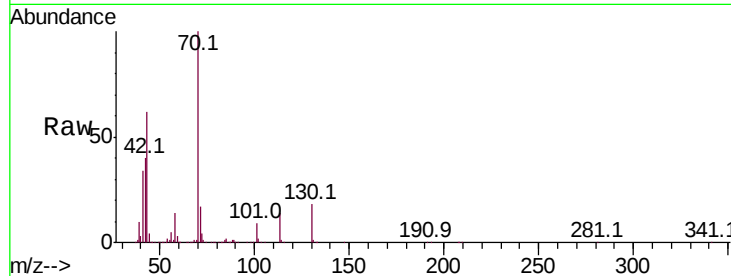
Ion	Ratio	Lower	Upper
70	100		
42	40.3	34.1	51.1
101	9.4	7.5	11.3
130	18.5	14.9	22.3

70 100

42 40.3 34.1 51.1

101 9.4 7.5 11.3

130 18.5 14.9 22.3



#33

4-Chloro-3-methylphenol

Concen: 21.784 ng/ul

RT: 11.75 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

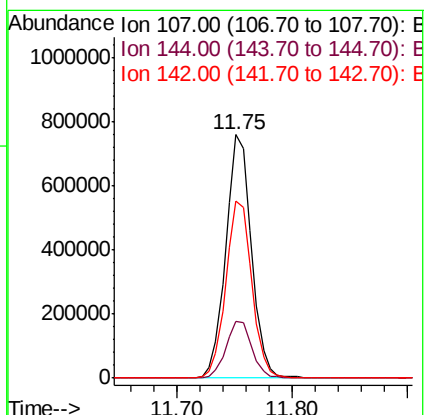
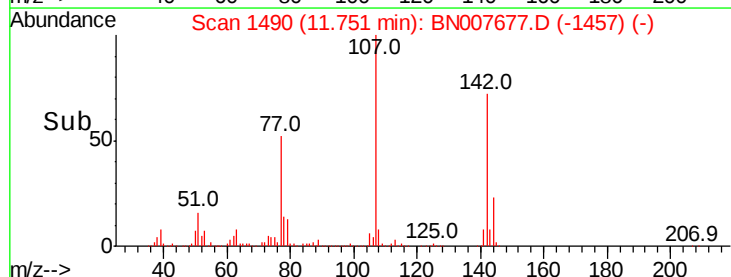
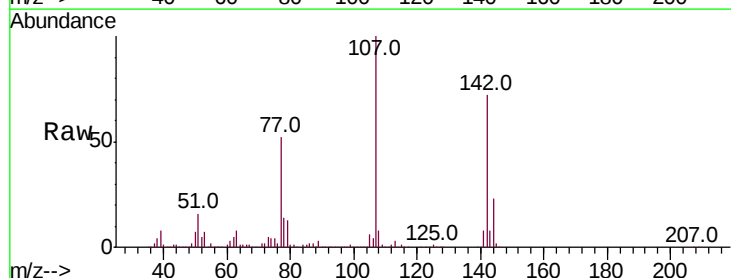
Tgt Ion: 107 Resp: 1168110

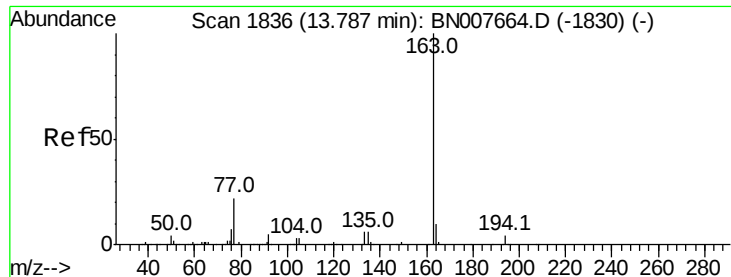
Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.3	28.9
142	72.5	58.7	88.1

107 100

144 23.1 19.3 28.9

142 72.5 58.7 88.1

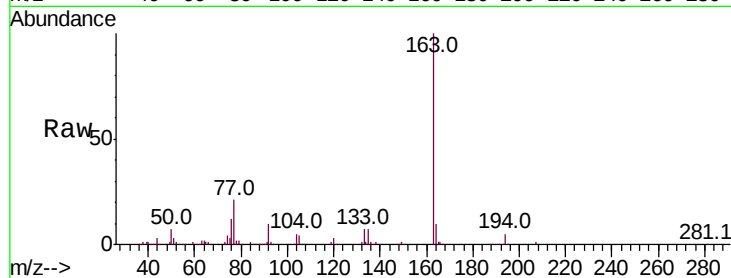




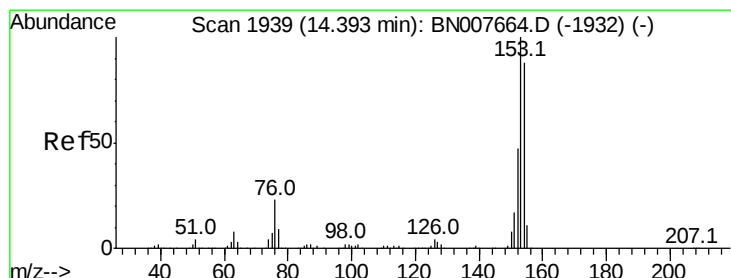
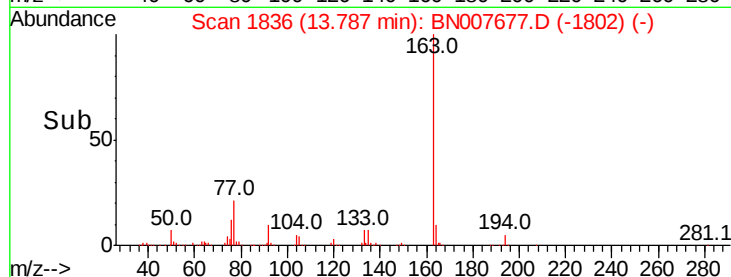
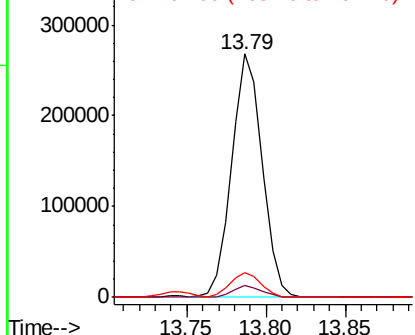
#44
Dimethylphthalate
Concen: 2.473 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN007677.D
Acq: 16 Sep 2019 21:38

Instrument :
BNA_N
ClientSampleId :

Tot Ion:163 Resp: 357120
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.4 8.4 12.6

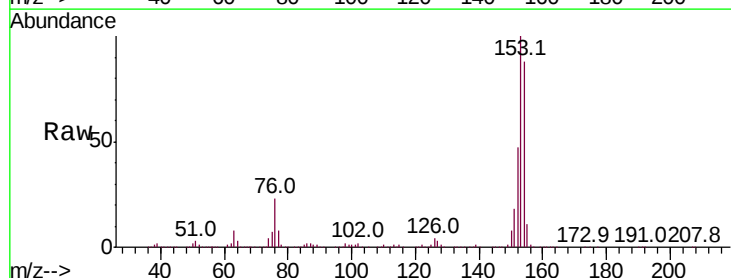


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

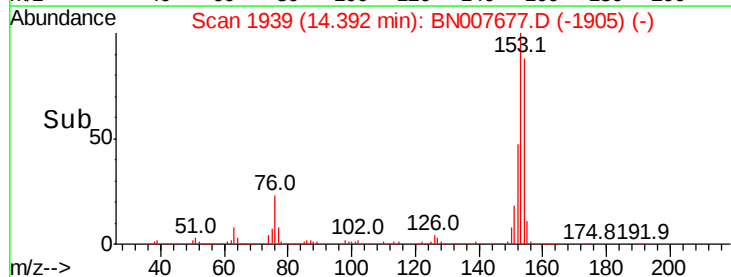
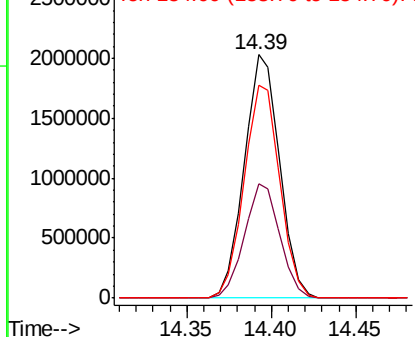


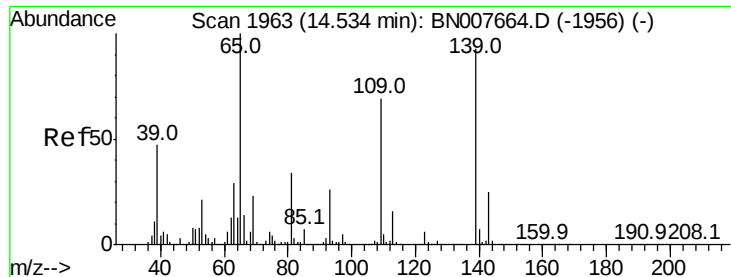
#49
Acenaphthene
Concen: 24.572 ng/ul
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BN007677.D
Acq: 16 Sep 2019 21:38

Tgt Ion:153 Resp: 2953618
Ion Ratio Lower Upper
153 100
152 47.2 37.8 56.8
154 87.6 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: 6.987 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

Instrument :

BNA_N

ClientSampleId :

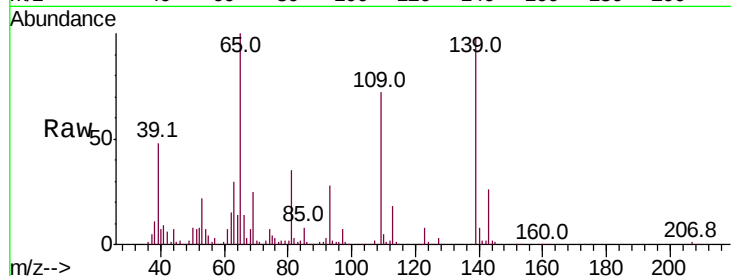
Tot Ion:109 Resp: 144469

Ion Ratio Lower Upper

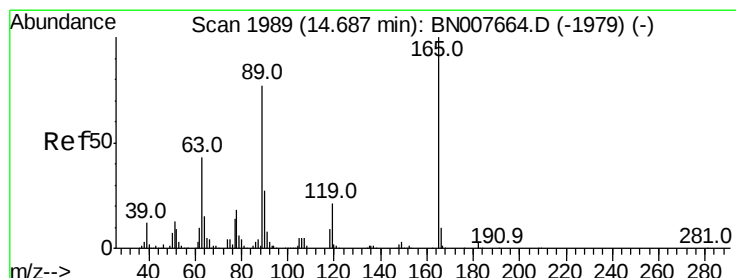
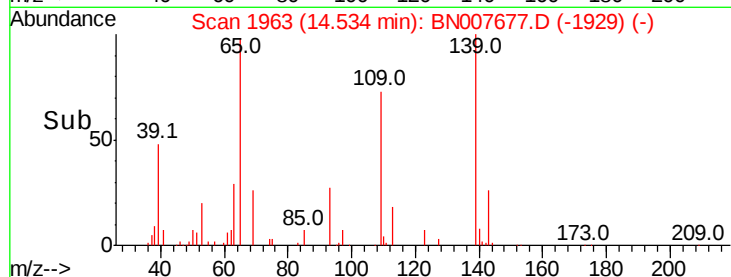
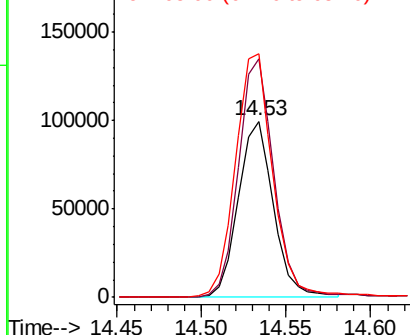
109 100

139 135.3 108.2 162.4

65 138.2 116.5 174.7



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: 28.638 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

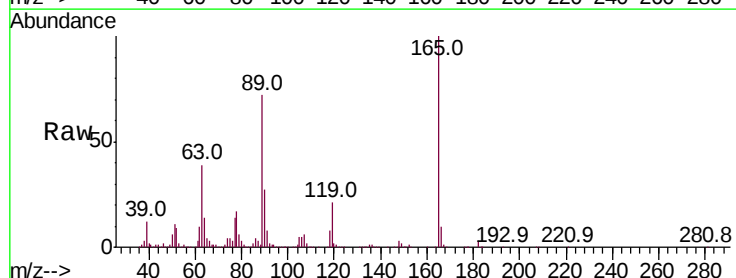
Tgt Ion:165 Resp: 1131169

Ion Ratio Lower Upper

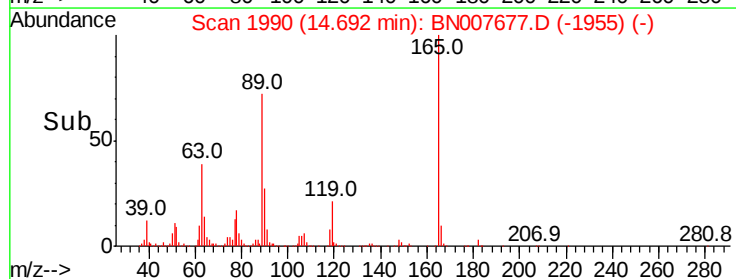
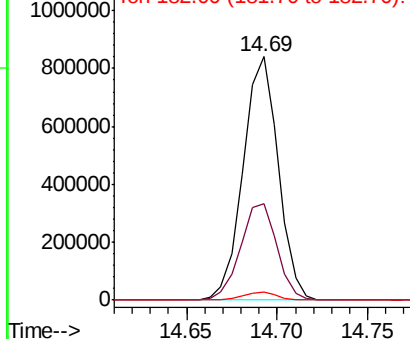
165 100

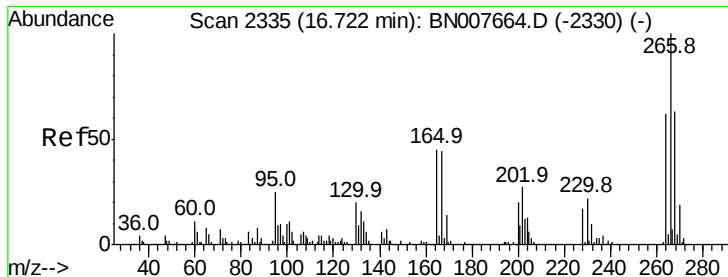
63 39.5 34.6 51.8

182 3.1 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: 29.882 ng/ul

RT: 16.73 min Scan# 2336

Delta R.T. 0.01 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

Instrument :

BNA_N

ClientSampleId :

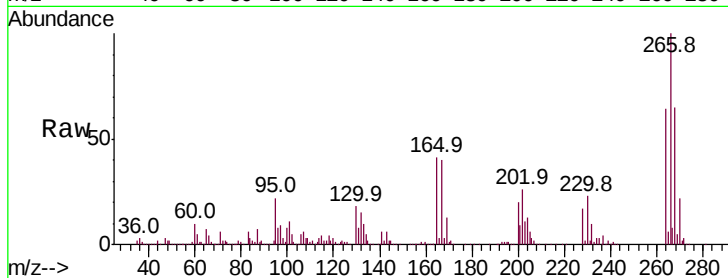
Tot Ion:266 Resp: 831436

Ion Ratio Lower Upper

266 100

264 64.4 49.4 74.2

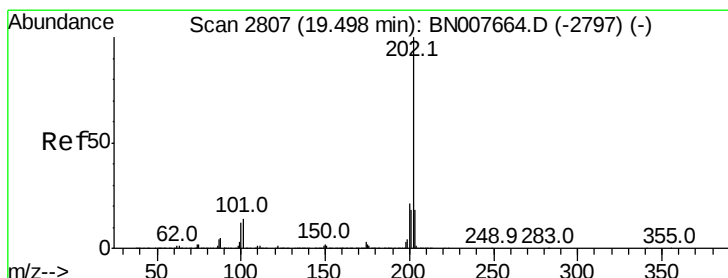
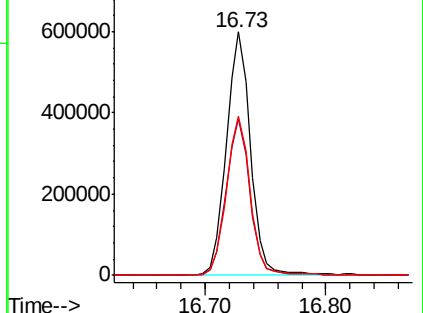
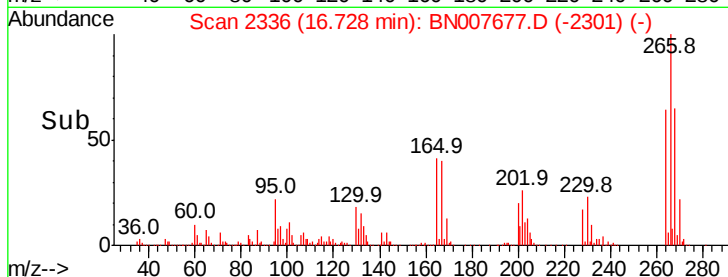
268 65.2 50.4 75.6



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: 32.833 ng/ul

RT: 19.50 min Scan# 2807

Delta R.T. -0.00 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

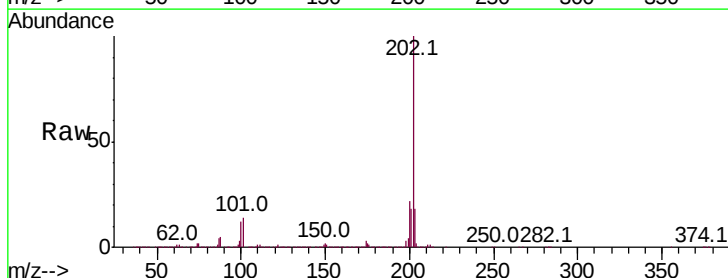
Tgt Ion:202 Resp: 8429781

Ion Ratio Lower Upper

202 100

101 14.4 11.2 16.8

100 11.8 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

