

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 :
 H0BM3MSD

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

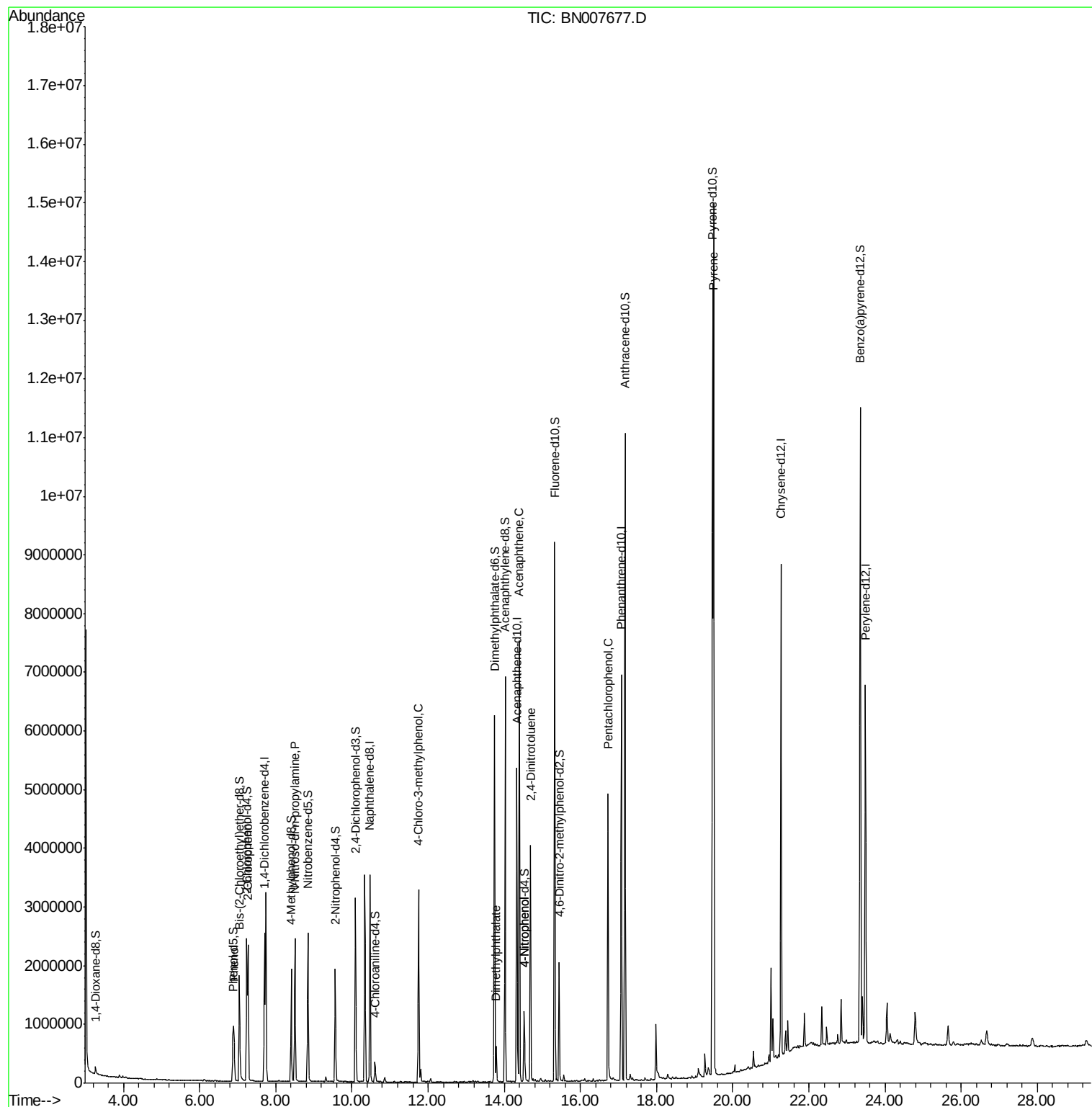
					Ovalue
6) Phenol	6.90	94	528008	7.775	ng/ul 99
10) 2-Chlorophenol	7.27	128	973405	20.416	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.50	70	1040330	24.820	ng/ul 98
33) 4-Chloro-3-methylphenol	11.75	107	1168110	21.784	ng/ul 99
44) Dimethylphthalate	13.79	163	357120	2.473	ng/ul 99
49) Acenaphthene	14.39	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

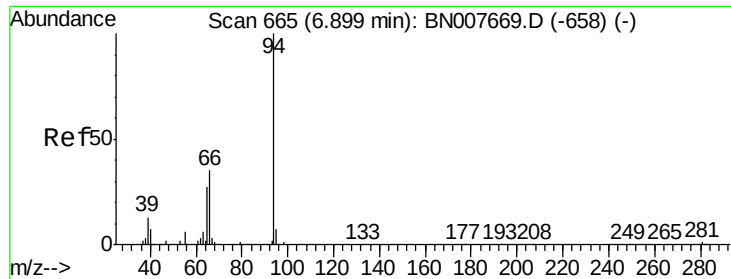
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

H0BM3MSD

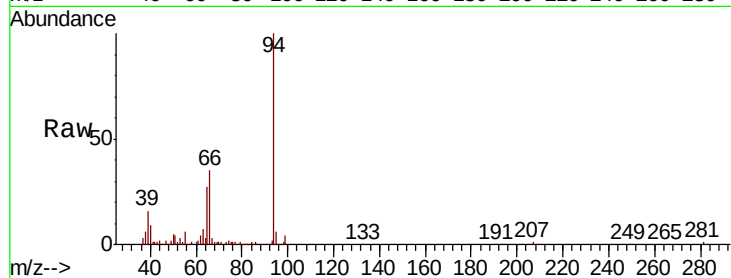
Tot Ion: 94 Resp: 528008

Ion Ratio Lower Upper

94 100

65 27.3 20.7 31.1

66 35.4 28.6 42.8

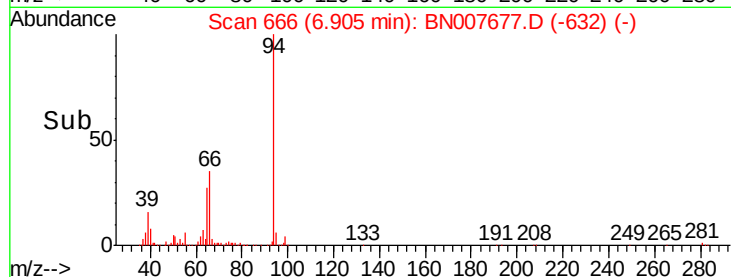


Abundance Ion 94.00 (93.70 to 94.70): BN007669.D (-658) (-)

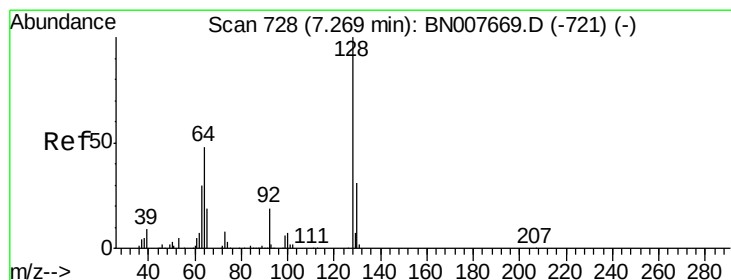
Ion 65.00 (64.70 to 65.70): BN007669.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007669.D (-658) (-)

Time-->



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

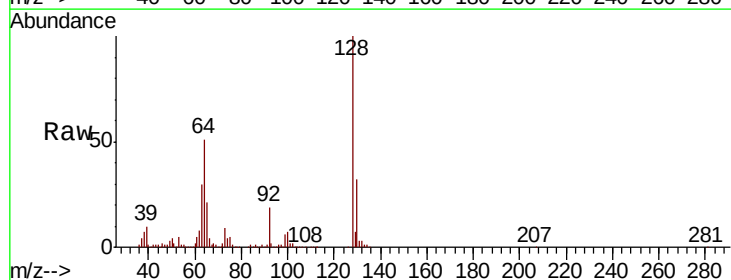
Tgt Ion: 128 Resp: 973405

Ion Ratio Lower Upper

128 100

64 50.6 40.6 60.8

130 31.7 25.2 37.8

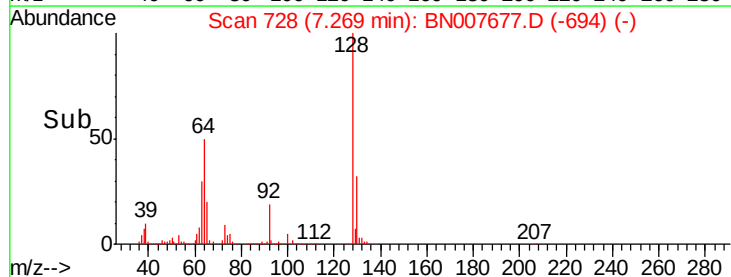


Abundance Ion 128.00 (127.70 to 128.70): BN007669.D (-721) (-)

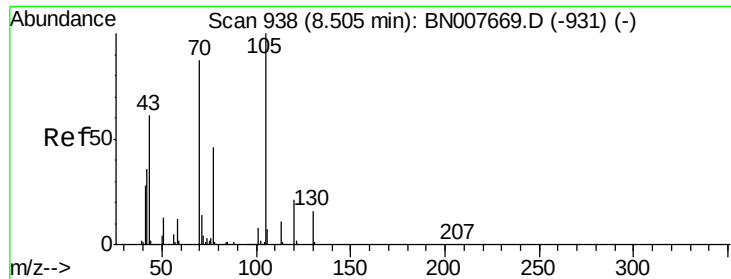
Ion 64.00 (63.70 to 64.70): BN007669.D (-721) (-)

Ion 130.00 (129.70 to 130.70): BN007669.D (-721) (-)

Time-->



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 :

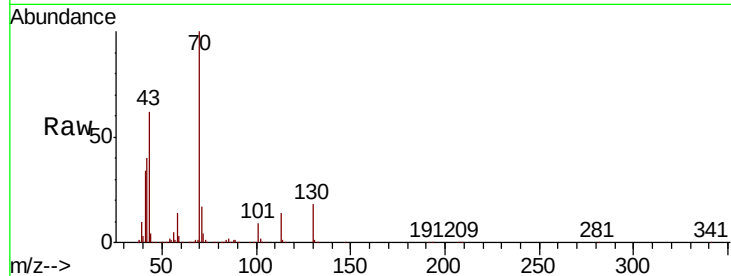
BNA_N

ClientSampleId :

H0BM3MSD

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

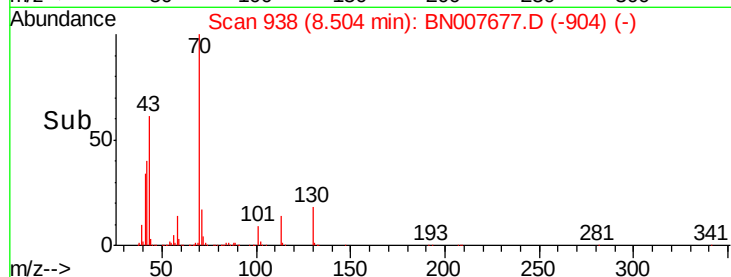


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

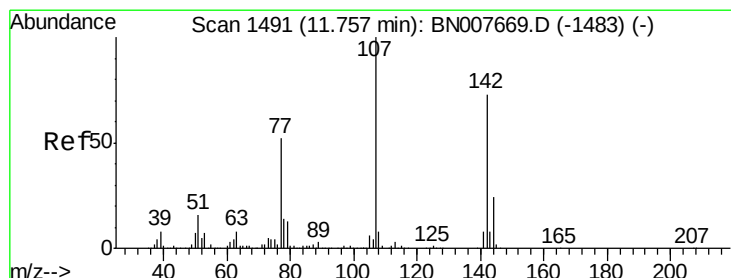
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



Time-->

8.45 8.50 8.55 8.60



#33

4-Chloro-3-methylphenol

Concen: 21.784 ng/ul

RT: 11.75 min Scan# 1490

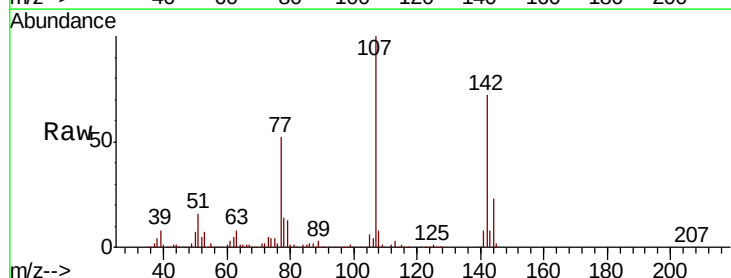
Delta R.T. -0.01 min

Lab File: BN007677.D

Acq: 16 Sep 2019 21:38

Tgt Ion:107 Resp: 1168110

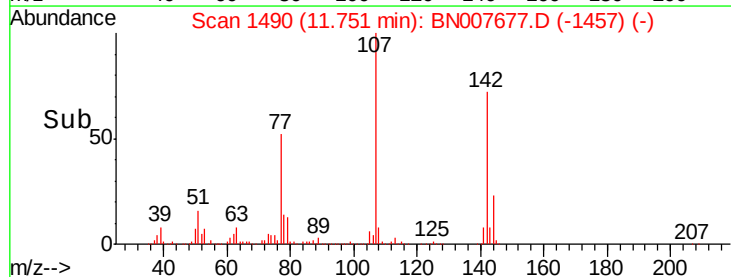
Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.3	28.9
142	72.5	58.7	88.1



Abundance Ion 107.00 (106.70 to 107.70): E

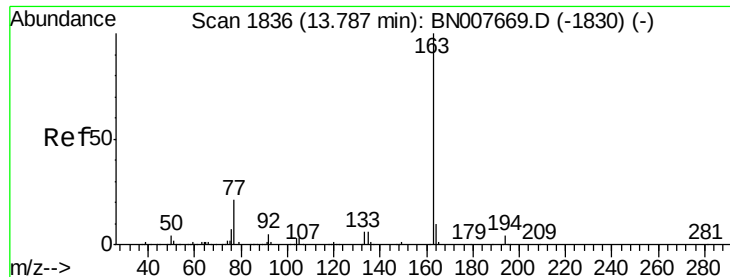
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->

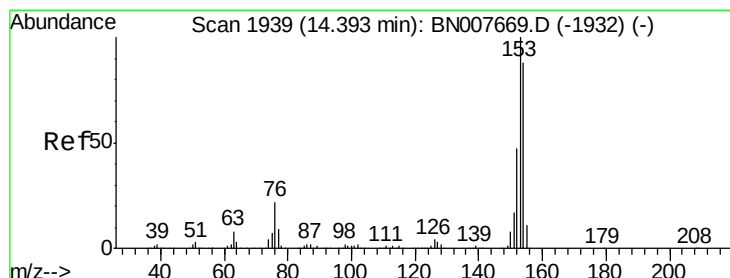
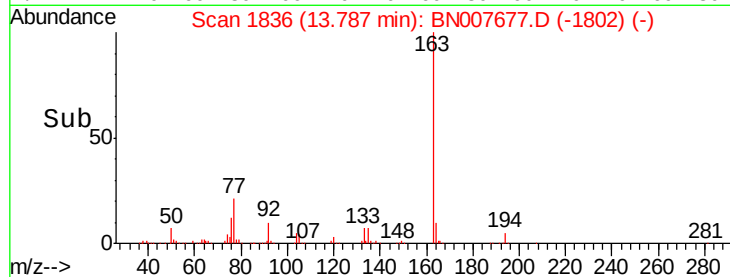
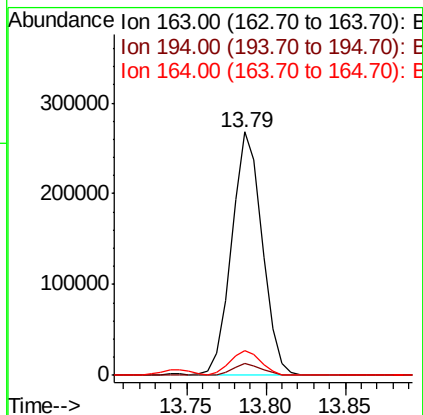
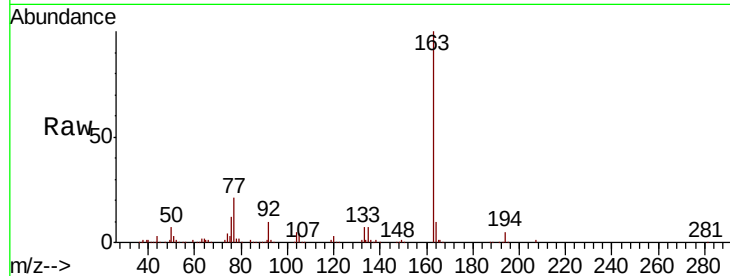
11.70 11.80



#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

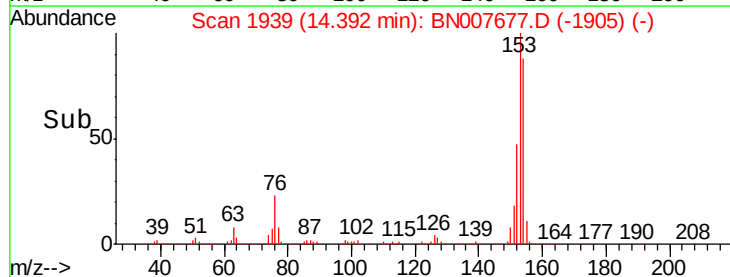
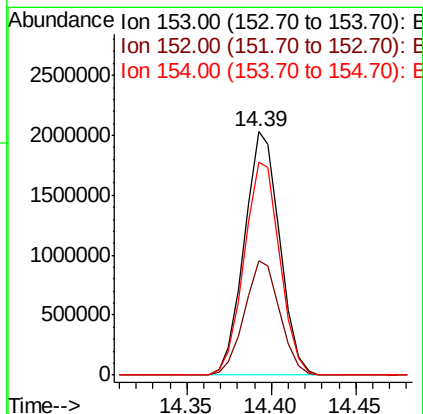
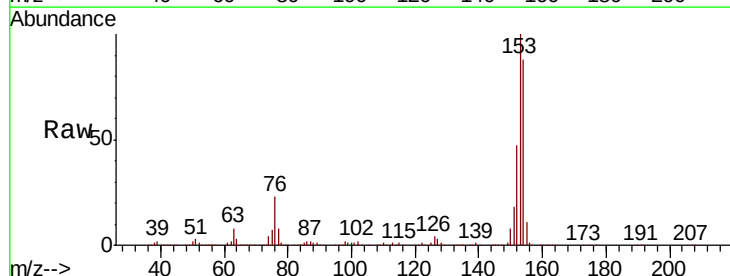
Instrument :
BNA_N
ClientSampleId :
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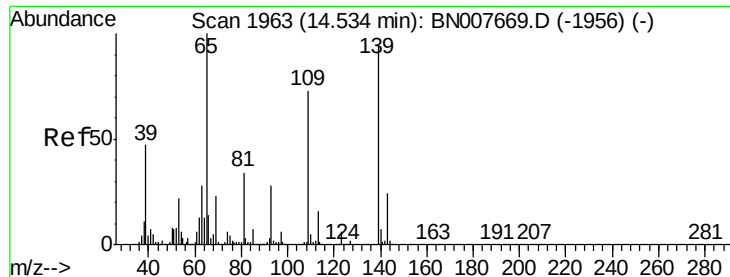
Tot Ion:163 Resp: 357120
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 10.4 8.4 12.6



#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





#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 :

H0BM3MSD

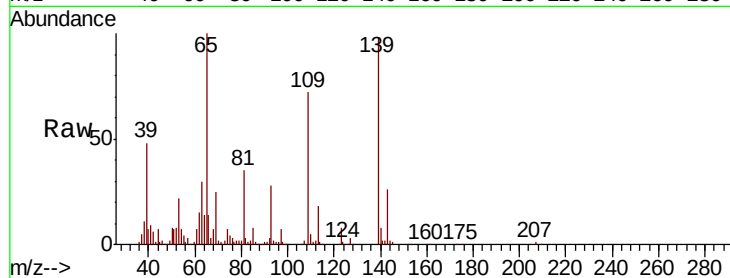
Tot Ion:109 Resp: 144469

Ion Ratio Lower Upper

109 100

139 135.3 108.2 162.4

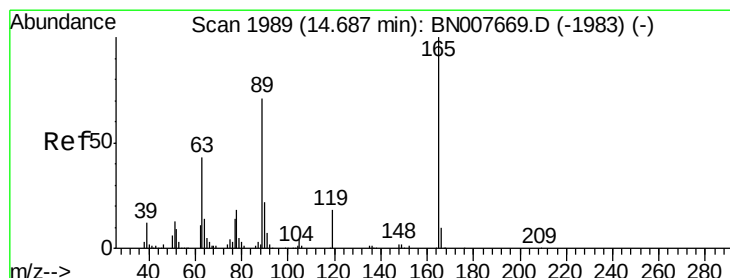
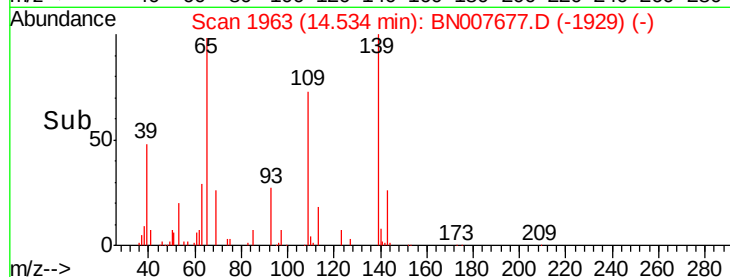
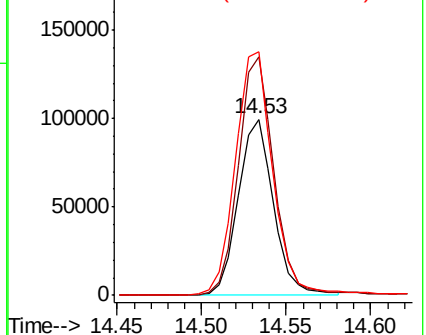
65 138.2 116.5 174.7



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

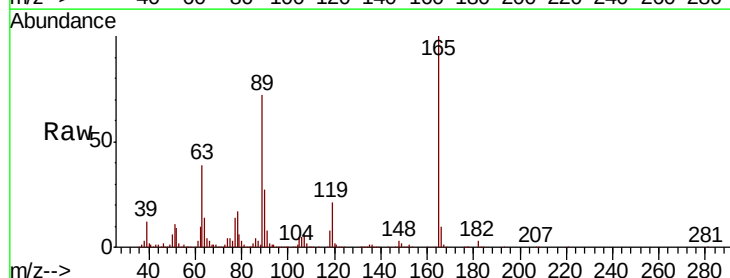
Tgt Ion:165 Resp: 1131169

Ion Ratio Lower Upper

165 100

63 39.5 34.6 51.8

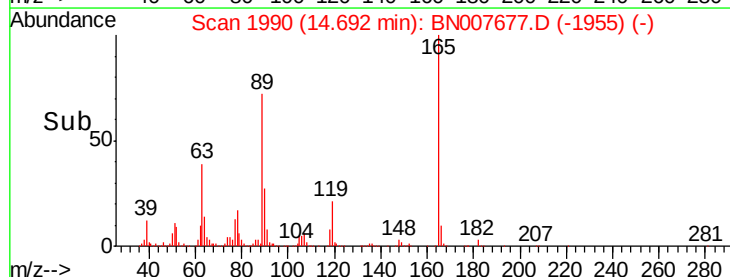
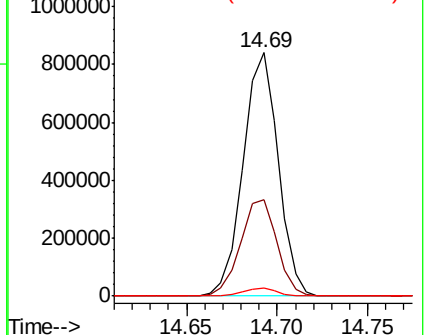
182 3.1 2.5 3.7

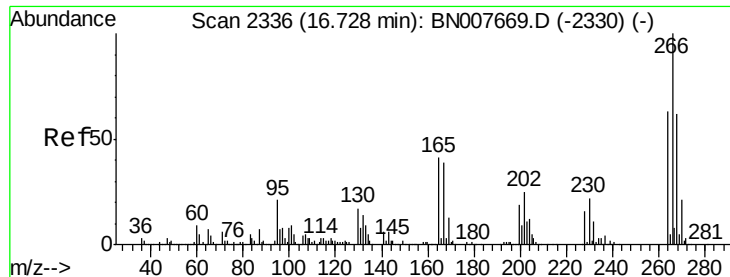


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E

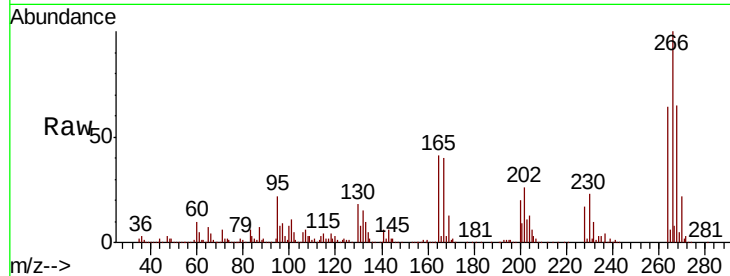




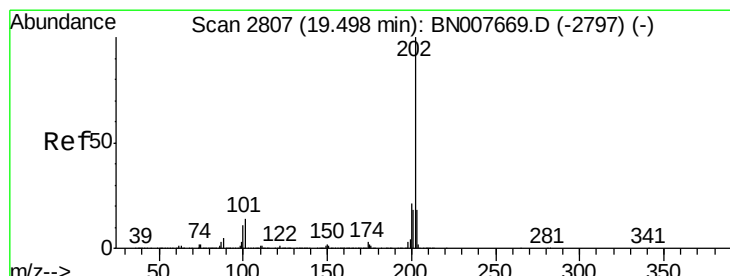
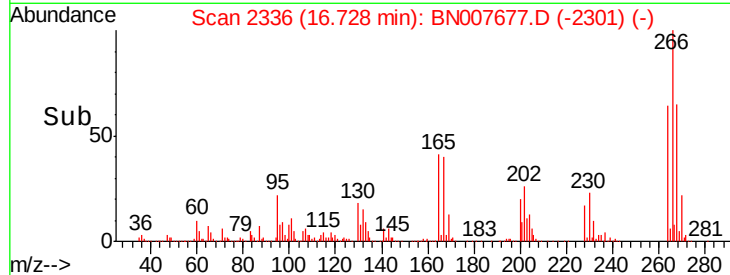
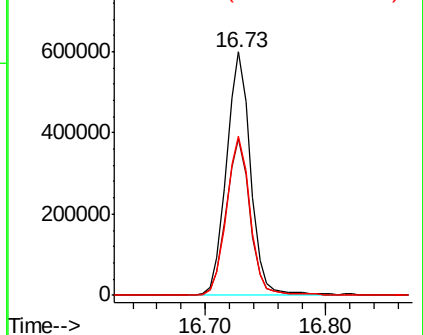
#68
 Pentachlorophenol
 Concen: 29.882 ng/ul
 RT: 16.73 min Scan# 2336
 Delta R.T. 0.01 min
 Lab File: BN007677.D
 Acq: 16 Sep 2019 21:38

Instrument :
 BNA_N
 ClientSampleId :
 H0BM3MSD

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

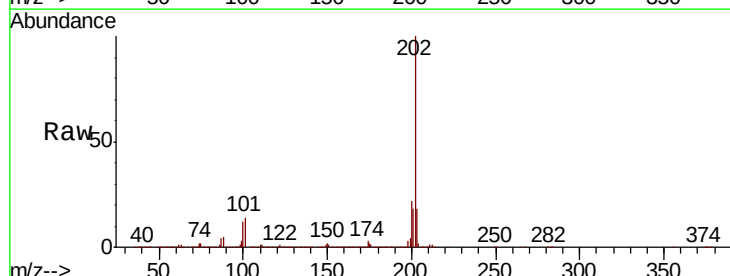


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#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

