

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
 Data File : BN008558.D
 Acq On : 14 Nov 2019 16:07
 Operator : JU
 Sample : K5656-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5453MSD

Quant Time: Nov 14 16:44:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 14 10:03:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	422680	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1767759	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	1127349	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	2406436	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2074162	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	2273568	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	37552	3.60	ng/uL	0.00
5) Phenol-d5	6.82	99	200625	5.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	441633	19.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	486075	17.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	346693	12.03	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	286002	23.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	323858	28.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	570872	19.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	59655	1.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1991997	22.32	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	2229203	21.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	89597	6.48	ng/ul	0.00
57) Fluorene-d10	15.26	176	1632541	22.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	260188	28.32	ng/ul	0.00
70) Anthracene-d10	17.10	188	2713480	23.79	ng/ul	0.00
78) Pyrene-d10	19.40	212	3094571	26.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	2968254	25.14	ng/ul	0.00

Target Compounds

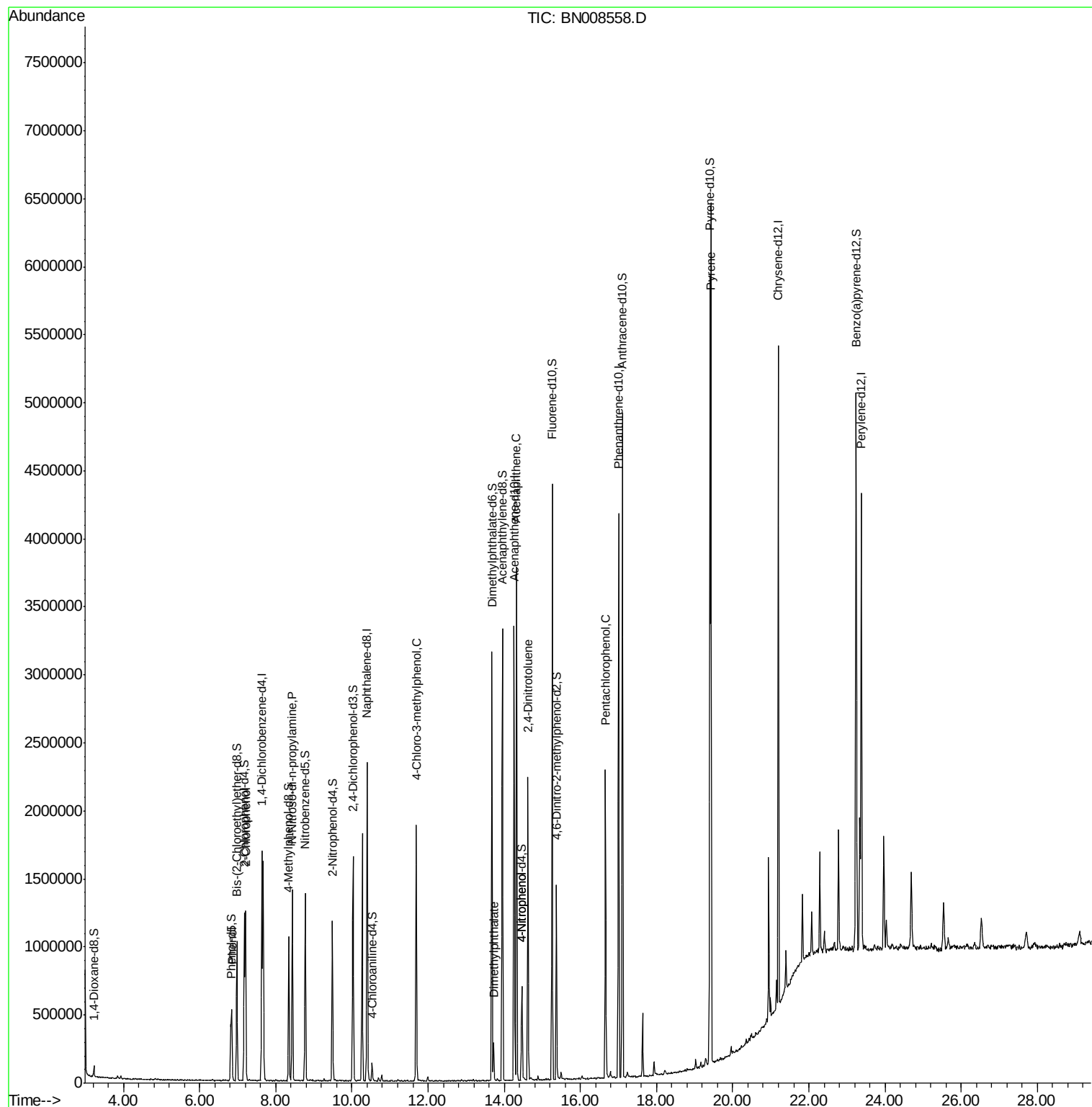
					Ovalue
6) Phenol	6.85	94	249319	6.512	ng/ul 99
10) 2-Chlorophenol	7.21	128	472036	16.173	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.44	70	481416	19.785	ng/ul# 95
33) 4-Chloro-3-methylphenol	11.69	107	604936	18.156	ng/ul 96
44) Dimethylphthalate	13.72	163	161032	1.864	ng/ul 98
49) Acenaphthene	14.32	153	1457271	20.591	ng/ul 98
52) 4-Nitrophenol	14.47	109	90172	6.641	ng/ul 97
54) 2,4-Dinitrotoluene	14.62	165	538758	28.115	ng/ul 97
68) Pentachlorophenol	16.66	266	355039	23.563	ng/ul 95
79) Pyrene	19.43	202	3622662	24.401	ng/ul 100

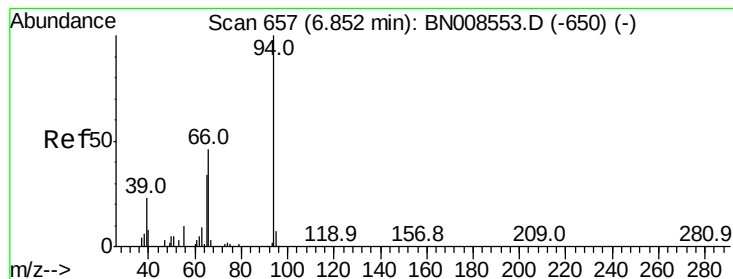
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 14 10:03:48 2019
Response via : Initial Calibration





#6

Phenol

Concen: 6.512 ng/ul

RT: 6.85 min Scan# 656

Delta R.T. 0.01 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

Instrument :

BNA_N

ClientSampleId :

A5453MSD

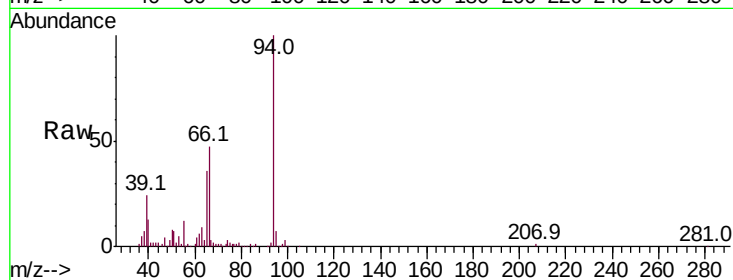
Tot Ion: 94 Resp: 249319

Ion Ratio Lower Upper

94 100

65 36.0 27.7 41.5

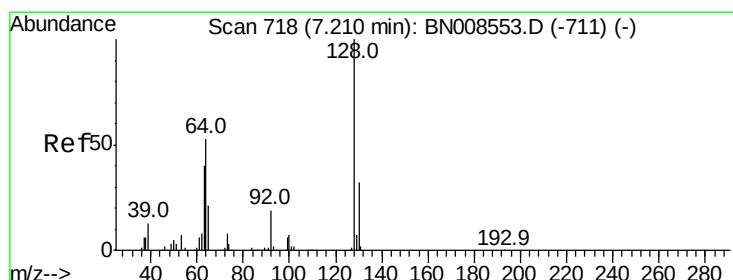
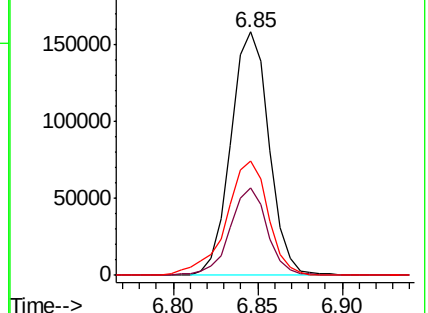
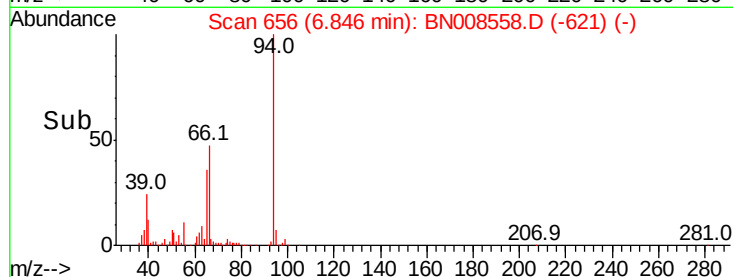
66 46.8 37.0 55.6



Abundance Ion 94.00 (93.70 to 94.70): BN008553.D (-650) (-)

Ion 65.00 (64.70 to 65.70): BN008553.D (-650) (-)

Ion 66.00 (65.70 to 66.70): BN008553.D (-650) (-)



#10

2-Chlorophenol

Concen: 16.173 ng/ul

RT: 7.21 min Scan# 718

Delta R.T. 0.01 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

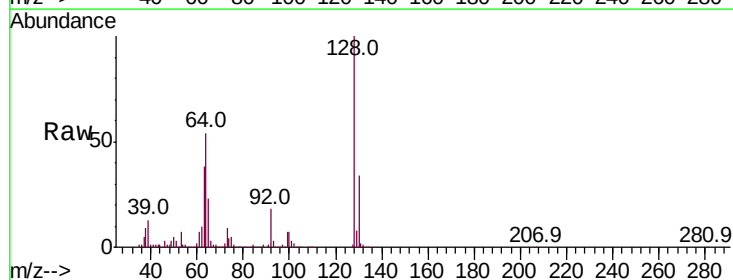
Tgt Ion: 128 Resp: 472036

Ion Ratio Lower Upper

128 100

64 54.5 46.2 69.2

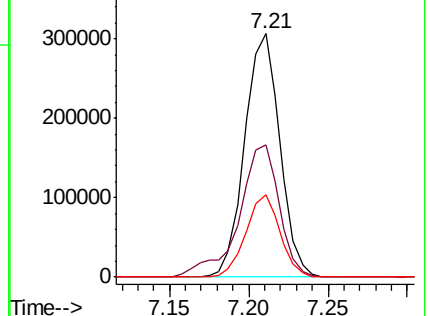
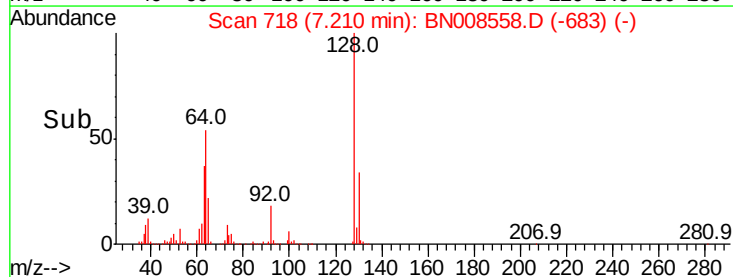
130 34.1 24.6 36.8

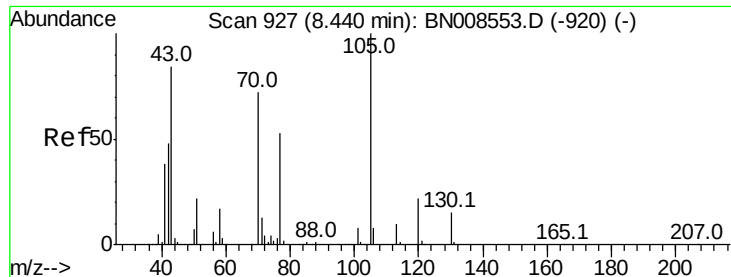


Abundance Ion 128.00 (127.70 to 128.70): BN008553.D (-711) (-)

Ion 64.00 (63.70 to 64.70): BN008553.D (-711) (-)

Ion 130.00 (129.70 to 130.70): BN008553.D (-711) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 19.785 ng/ul

RT: 8.44 min Scan# 927

Delta R.T. -0.00 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

Instrument :

BNA_N

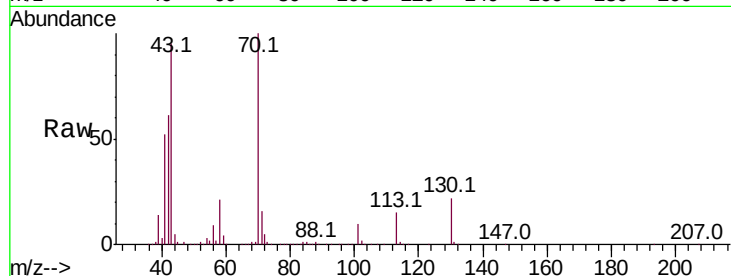
ClientSampleId :

A5453MSD

Tot Ion: 70 Resp: 481416

Ion Ratio Lower Upper

70	100		
42	61.2	52.0	78.0
101	10.0	7.5	11.3
130	22.5	14.9	22.3#



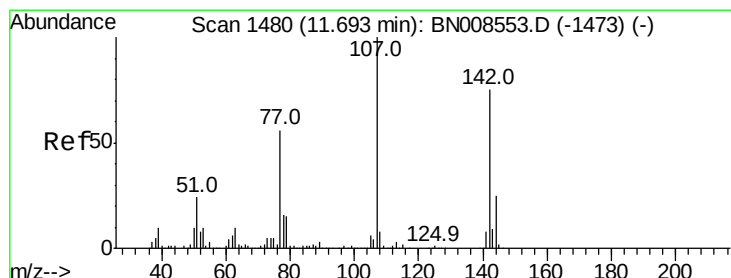
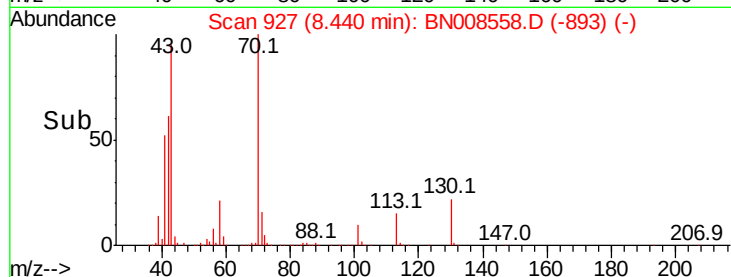
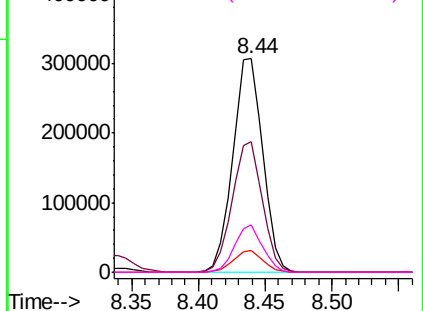
Abundance

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



#33

4-Chloro-3-methylphenol

Concen: 18.156 ng/ul

RT: 11.69 min Scan# 1479

Delta R.T. 0.01 min

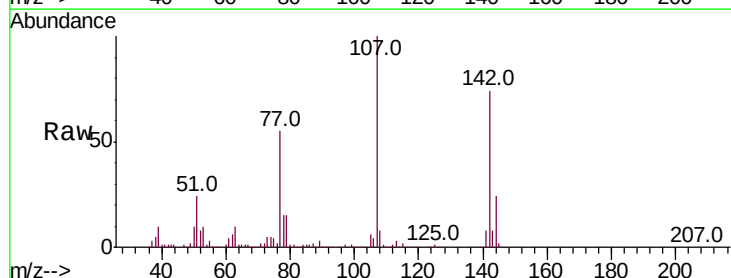
Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

Tgt Ion:107 Resp: 604936

Ion Ratio Lower Upper

107	100		
144	24.0	19.2	28.8
142	74.3	56.2	84.4

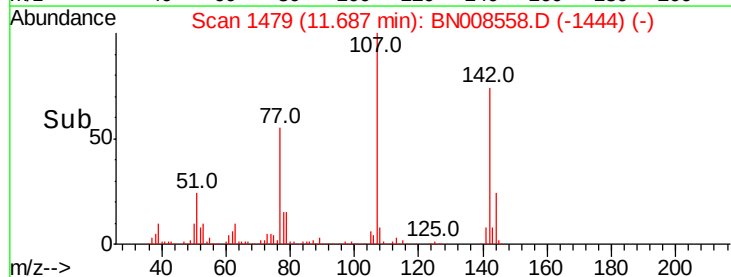
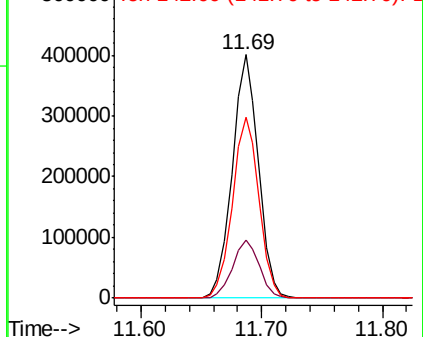


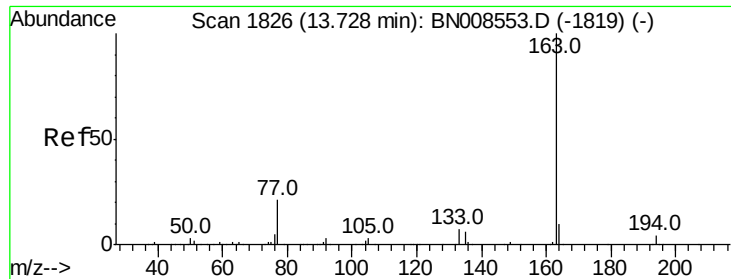
Abundance

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





#44

Dimethylphthalate

Concen: 1.864 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

Instrument :

BNA_N

ClientSampleId :

A5453MSD

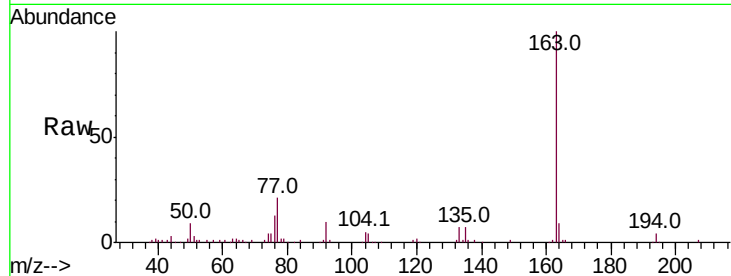
Tot Ion:163 Resp: 161032

Ion Ratio Lower Upper

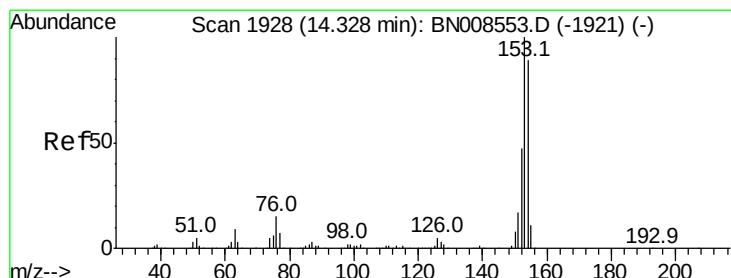
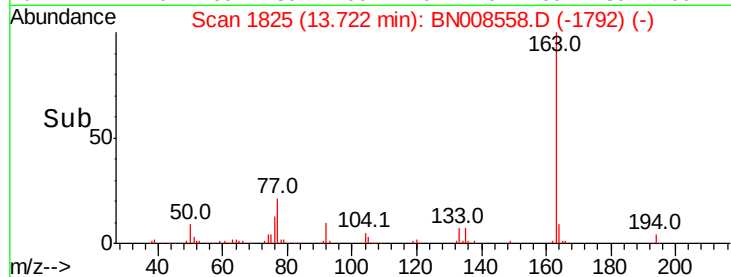
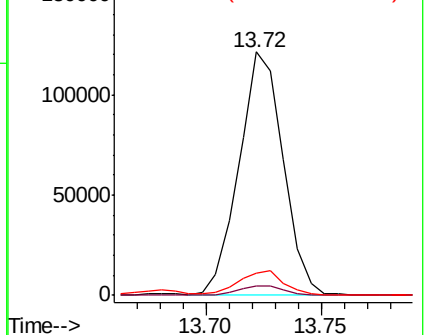
163 100

194 3.9 3.6 5.4

164 9.1 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



#49

Acenaphthene

Concen: 20.591 ng/ul

RT: 14.32 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

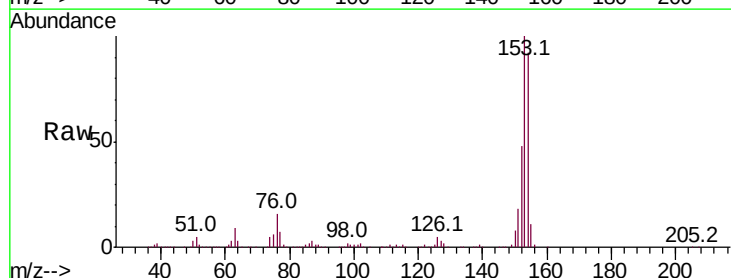
Tgt Ion:153 Resp: 1457271

Ion Ratio Lower Upper

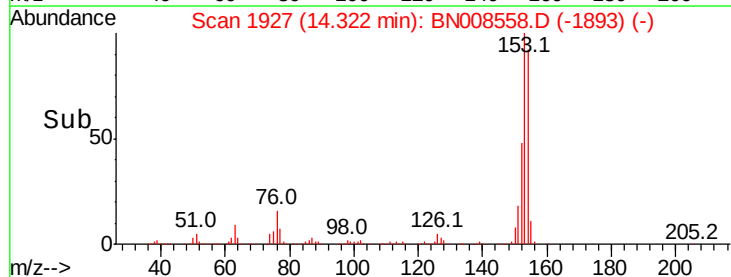
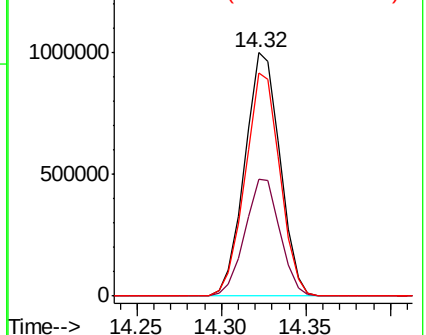
153 100

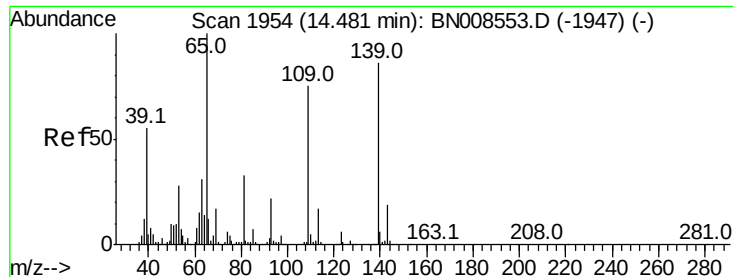
152 48.2 38.7 58.1

154 91.9 71.3 106.9



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: 6.641 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

Instrument :

BNA_N

ClientSampleId :

A5453MSD

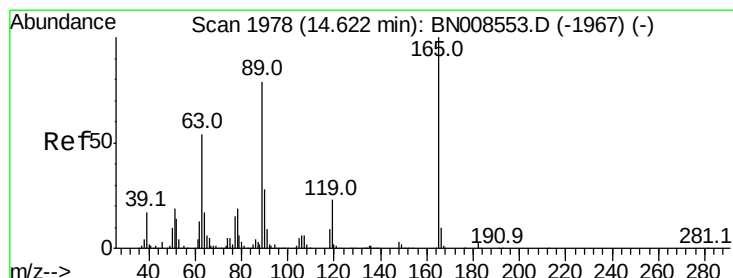
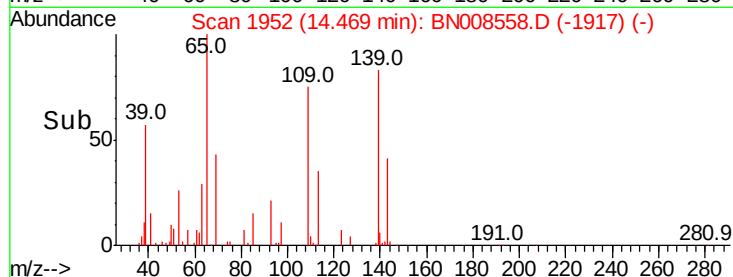
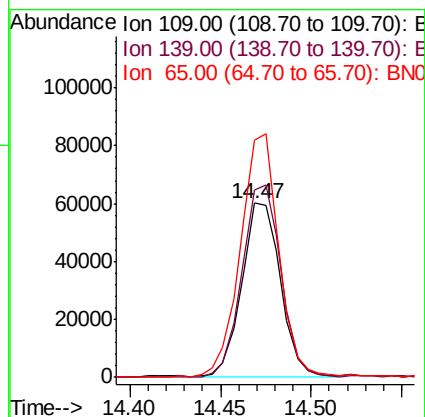
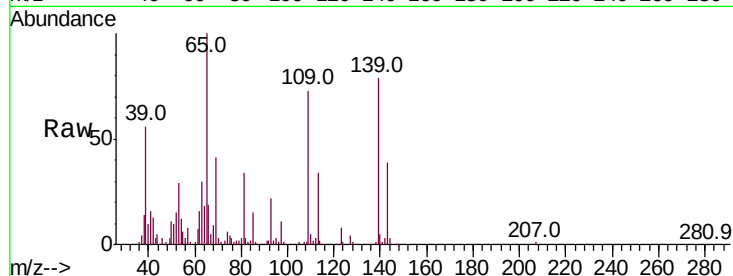
Tot Ion:109 Resp: 90172

Ion Ratio Lower Upper

109 100

139 107.9 90.8 136.2

65 136.2 109.3 163.9



#54

2,4-Dinitrotoluene

Concen: 28.115 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BN008558.D

Acq: 14 Nov 2019 16:07

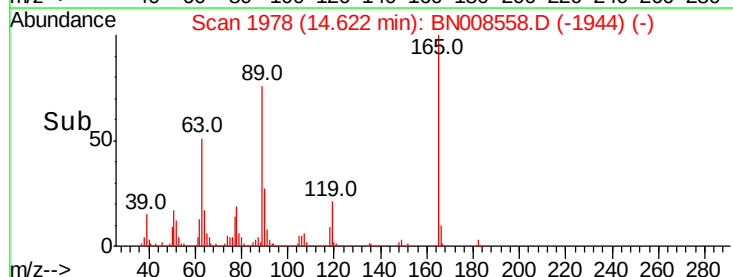
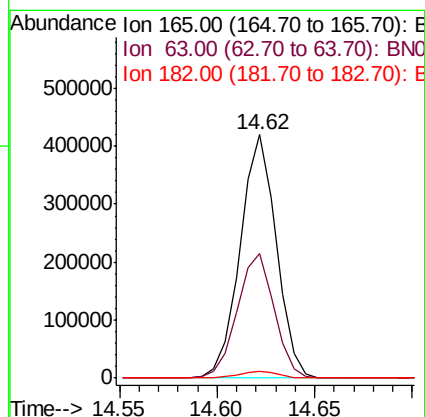
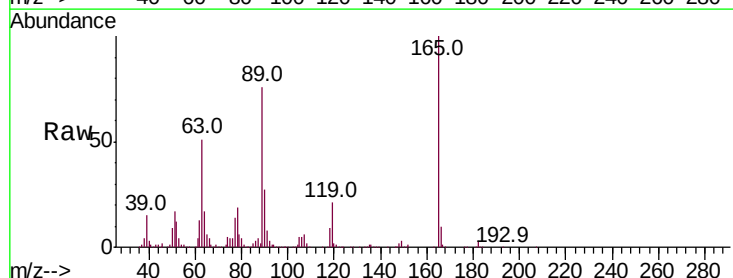
Tgt Ion:165 Resp: 538758

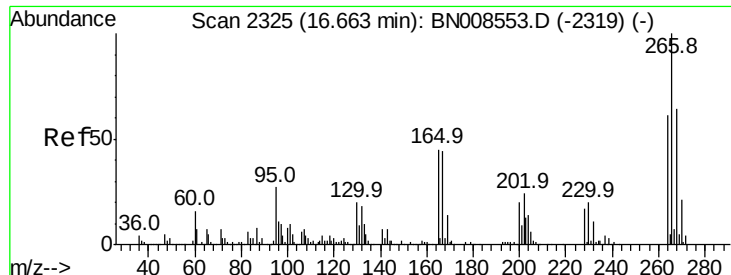
Ion Ratio Lower Upper

165 100

63 51.2 42.7 64.1

182 2.8 2.3 3.5

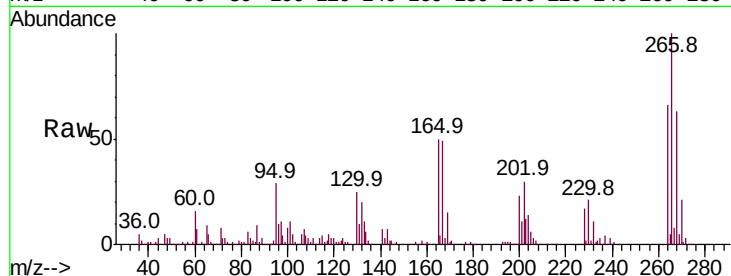




#68
 Pentachlorophenol
 Concen: 23.563 ng/ul
 RT: 16.66 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BN008558.D
 Acq: 14 Nov 2019 16:07

Instrument :
 BNA_N
 ClientSampleId :
 A5453MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	66.3	48.2	72.4
268	63.3	51.6	77.4

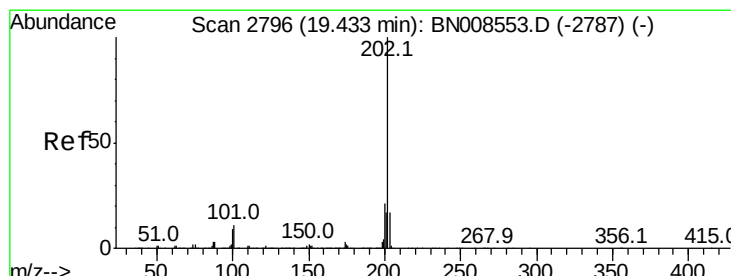
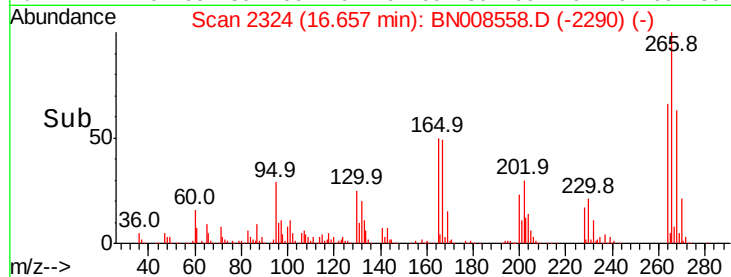
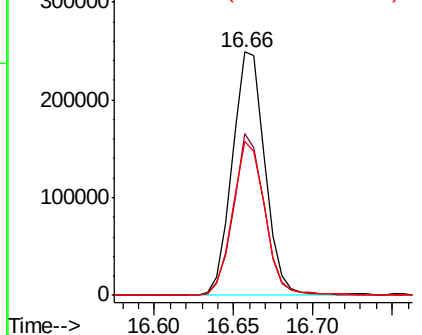


Abundance

Ion 265.70 (265.40 to 266.40): E

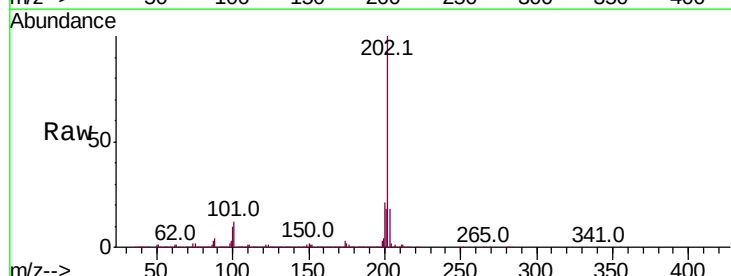
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 24.401 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BN008558.D
 Acq: 14 Nov 2019 16:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
100	9.8	7.8	11.8



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): E

