

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021820\
 Data File : BN009752.D
 Acq On : 18 Feb 2020 20:38
 Operator : CG/JU
 Sample : L1541-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBD33MSD

Quant Time: Feb 19 03:55:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:37:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	124510	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	512397	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	325473	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	694206	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	650970	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	669278	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	15340	5.07	ng/uL	0.00
5) Phenol-d5	6.62	99	53531	5.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	189577	25.94	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	170459	21.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	105479	12.52	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	105207	28.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	112627	27.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	191143	24.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	11101	1.25	ng/ul	0.04
44) Dimethylphthalate-d6	13.48	166	789066	32.46	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	858865	30.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	18659	4.20	ng/ul	0.01
58) Fluorene-d10	15.06	176	665158	31.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	116389	26.99	ng/ul	0.00
71) Anthracene-d10	16.91	188	1079688	33.93	ng/ul	0.00
79) Pyrene-d10	19.22	212	1213452	35.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1180936	35.33	ng/ul	0.00

Target Compounds

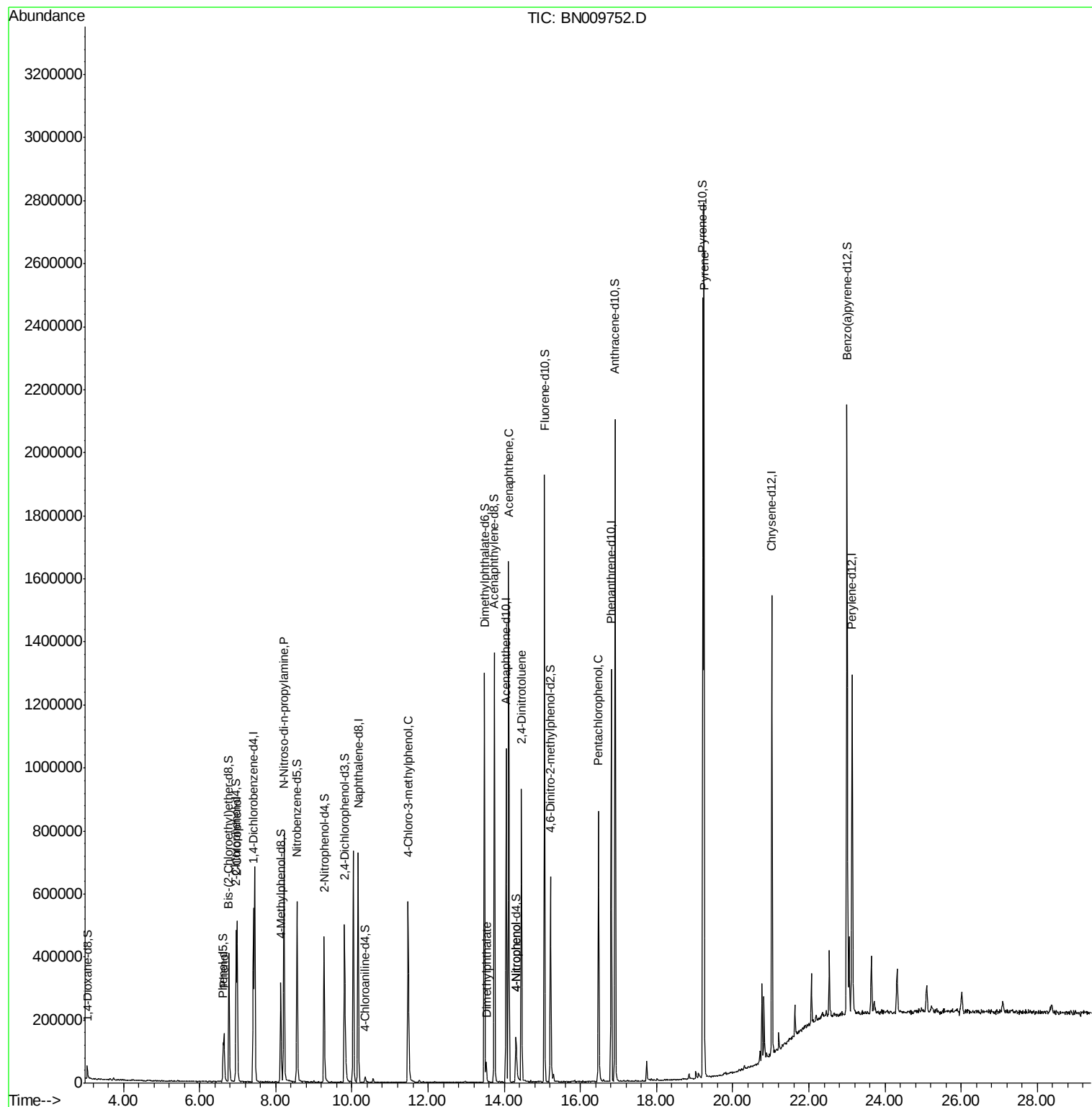
					Ovalue
6) Phenol	6.64	94	63504	5.596	ng/ul 97
10) 2-Chlorophenol	6.99	128	171121	20.375	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.22	70	203154	28.323	ng/ul 99
33) 4-Chloro-3-methylphenol	11.47	107	209891	23.077	ng/ul 99
45) Dimethylphthalate	13.53	163	35628	1.404	ng/ul 96
50) Acenaphthene	14.12	153	590706	27.805	ng/ul 98
53) 4-Nitrophenol	14.32	109	19846	4.954	ng/ul 95
55) 2,4-Dinitrotoluene	14.46	165	226359	30.755	ng/ul# 74
69) Pentachlorophenol	16.47	266	128783	28.992	ng/ul 96
80) Pyrene	19.25	202	1501325	31.989	ng/ul 97

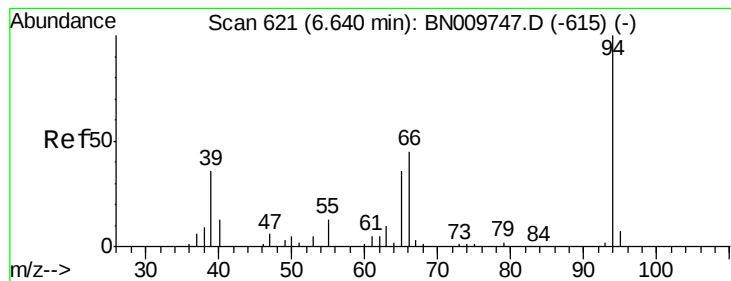
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 19 03:55:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 03:37:25 2020
Response via : Initial Calibration





#6

Phenol

Concen: 5.596 ng/ul

RT: 6.64 min Scan# 621

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_N

ClientSampleId :

DBD33MSD

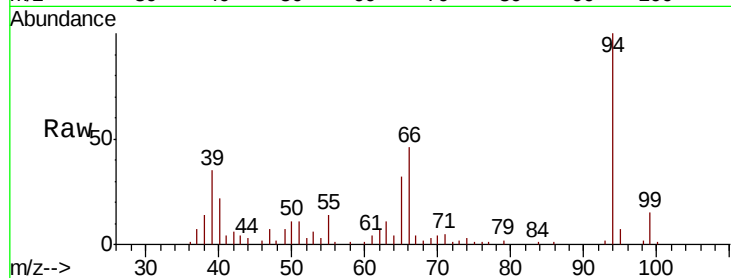
Tot Ion: 94 Resp: 63504

Ion Ratio Lower Upper

94 100

65 32.3 27.6 41.4

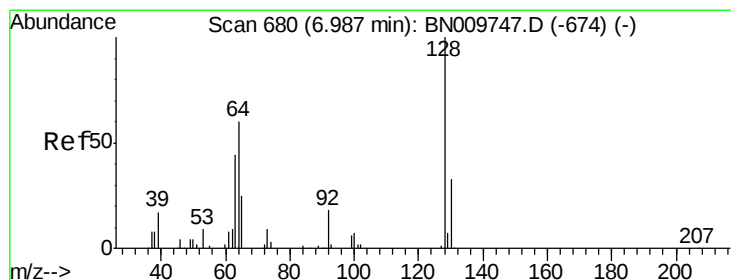
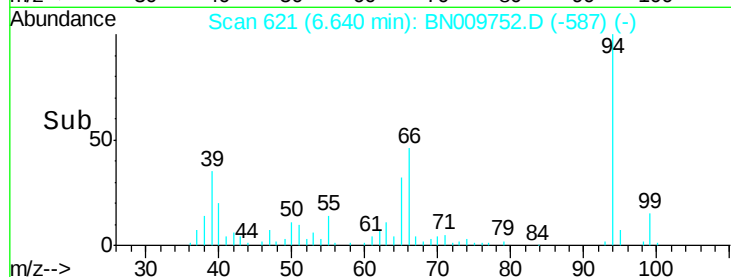
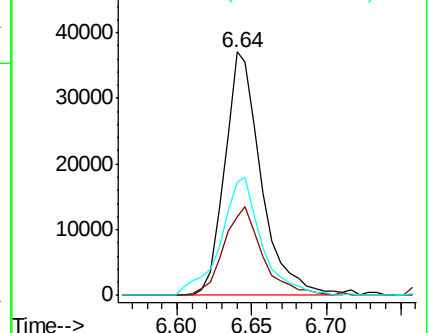
66 46.2 38.5 57.7



Abundance Ion 94.00 (93.70 to 94.70): BN009747.D (-615) (-)

Ion 65.00 (64.70 to 65.70): BN009747.D (-615) (-)

Ion 66.00 (65.70 to 66.70): BN009747.D (-615) (-)



#10

2-Chlorophenol

Concen: 20.375 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

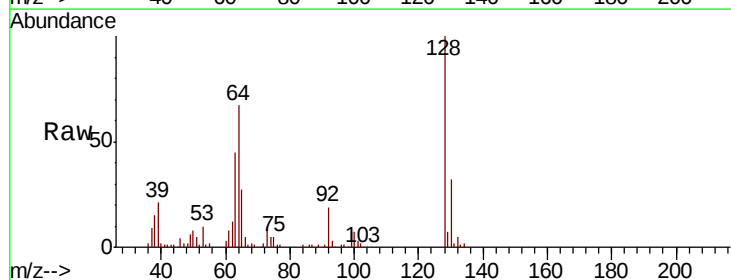
Tgt Ion: 128 Resp: 171121

Ion Ratio Lower Upper

128 100

64 66.6 52.5 78.7

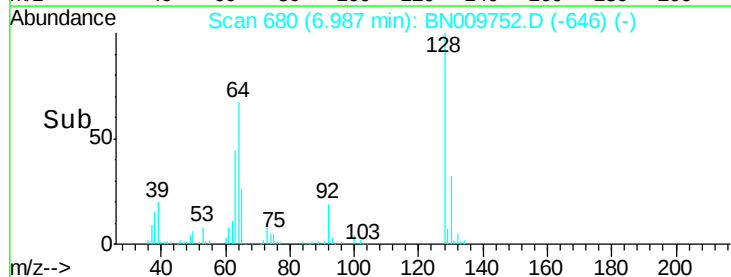
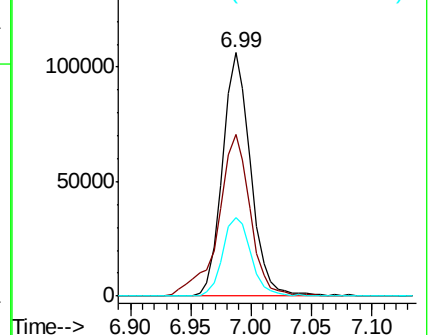
130 32.3 24.4 36.6

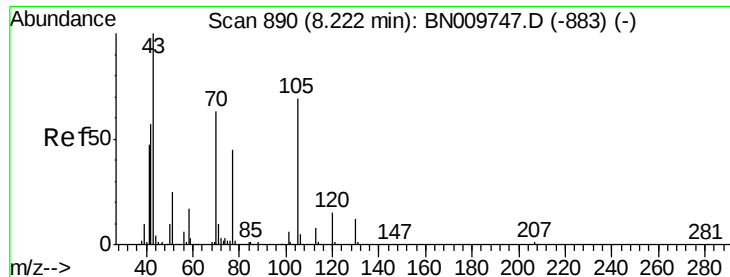


Abundance Ion 128.00 (127.70 to 128.70): BN009747.D (-674) (-)

Ion 64.00 (63.70 to 64.70): BN009747.D (-674) (-)

Ion 130.00 (129.70 to 130.70): BN009747.D (-674) (-)

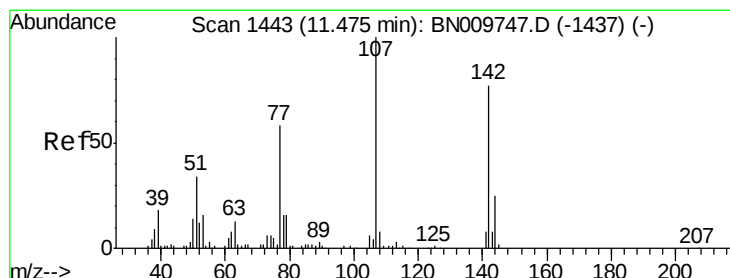
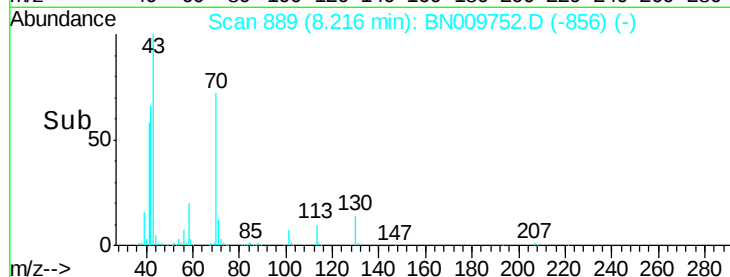
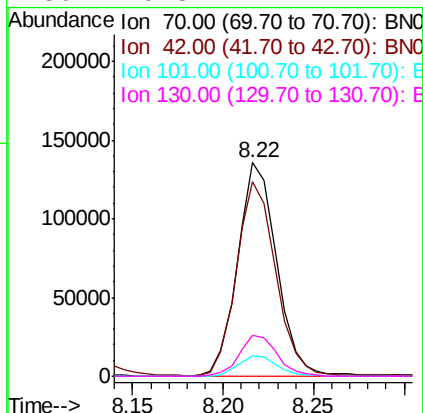
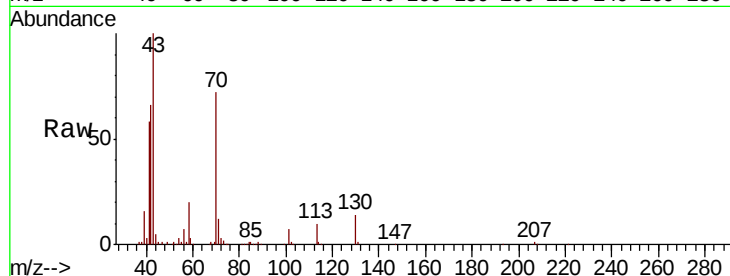




#15
N-Nitroso-di-n-propylamine
Concen: 28.323 ng/ul
RT: 8.22 min Scan# 889
Delta R.T. -0.01 min
Lab File: BN009752.D
Acq: 18 Feb 2020 20:38

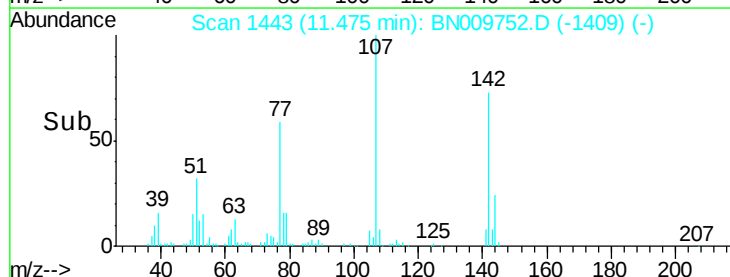
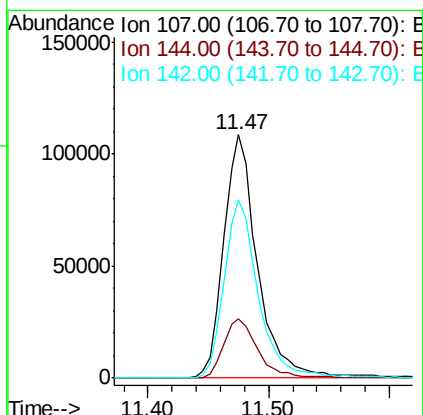
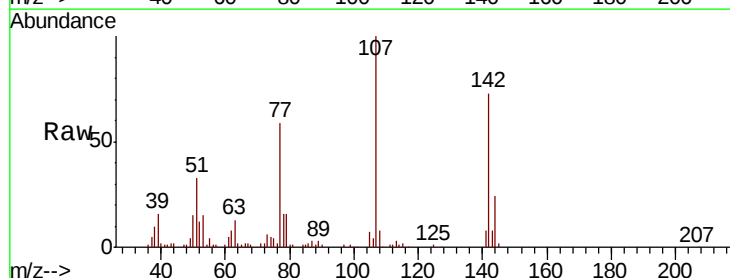
Instrument :
BNA_N
ClientSampleId :
DBD33MSD

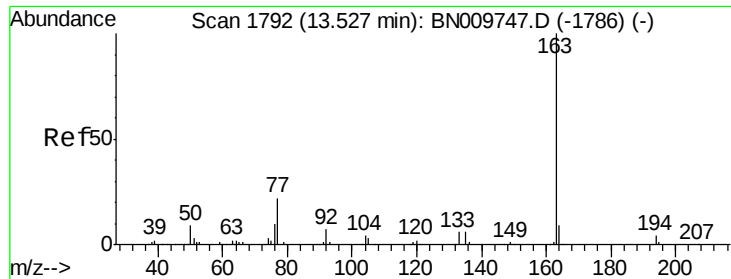
Tot Ion:	70	Resp:	203154
Ion	Ratio	Lower	Upper
70	100		
42	91.4	72.6	108.8
101	9.3	7.7	11.5
130	19.3	14.7	22.1



#33
4-Chloro-3-methylphenol
Concen: 23.077 ng/ul
RT: 11.47 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BN009752.D
Acq: 18 Feb 2020 20:38

Tgt Ion:	107	Resp:	209891
Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.3	28.9
142	73.5	59.5	89.3





#45

Dimethylphthalate

Concen: 1.404 ng/ul

RT: 13.53 min Scan# 1792

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_N

ClientSampleId :

DBD33MSD

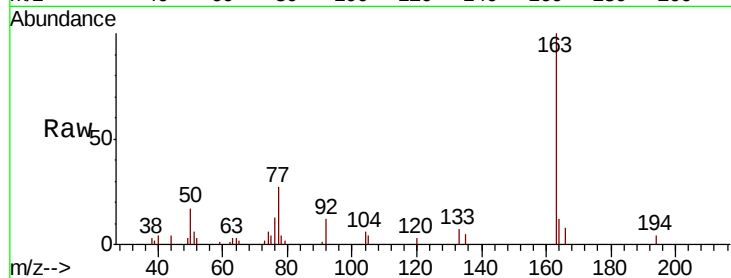
Tot Ion:163 Resp: 35628

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

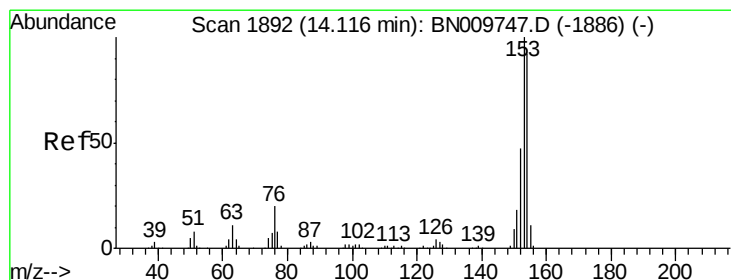
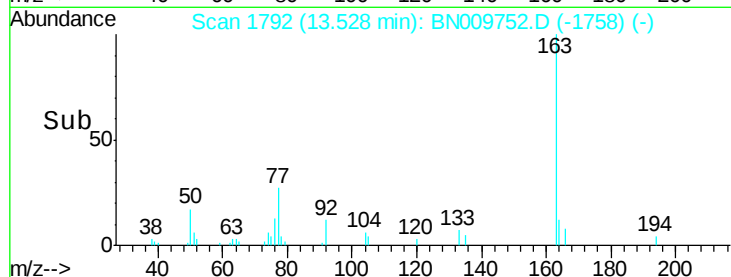
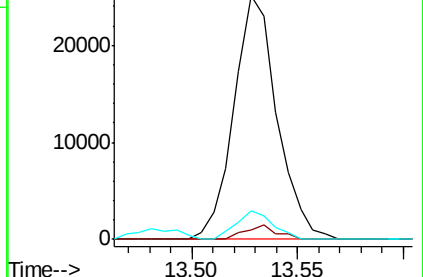
164 11.6 8.0 12.0



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



#50

Acenaphthene

Concen: 27.805 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

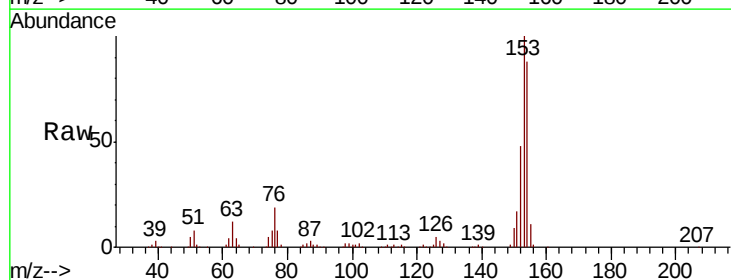
Tgt Ion:153 Resp: 590706

Ion Ratio Lower Upper

153 100

152 48.4 36.6 54.8

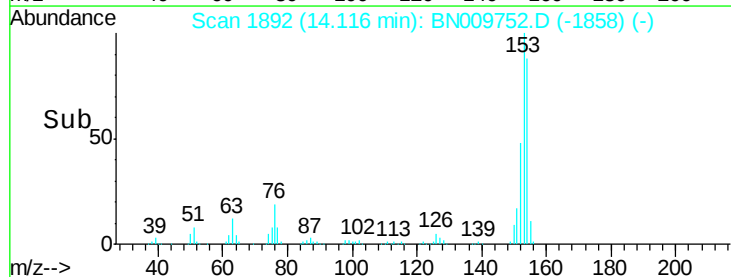
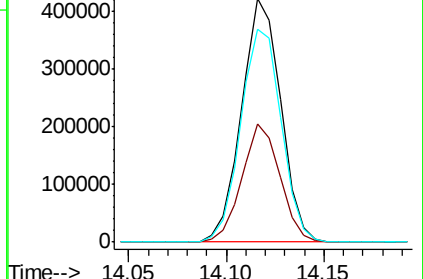
154 87.6 70.6 106.0

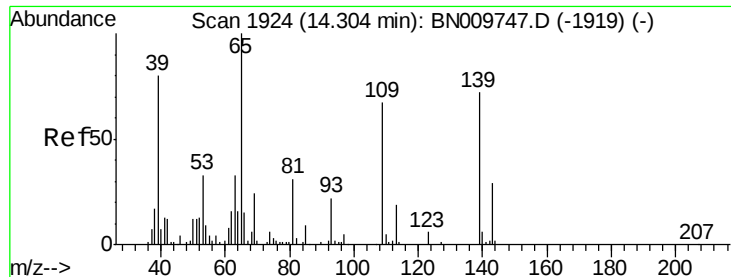


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 4.954 ng/ul

RT: 14.32 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

Instrument :

BNA_N

ClientSampleId :

DBD33MSD

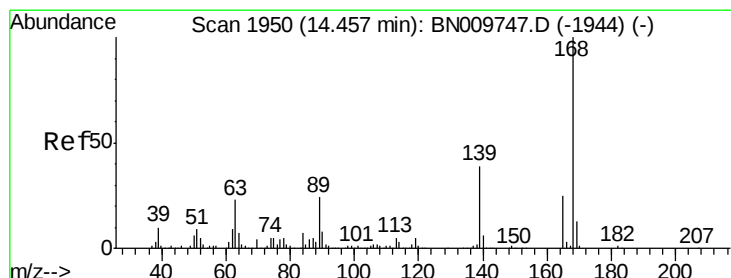
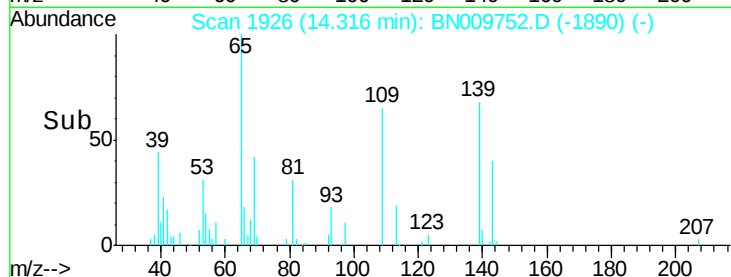
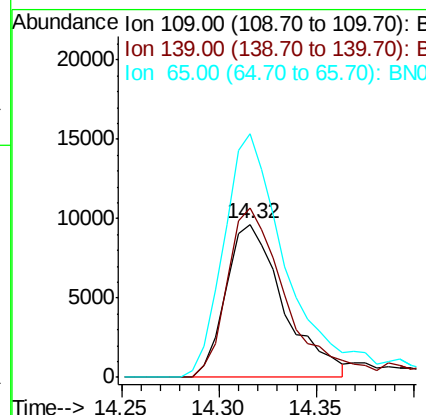
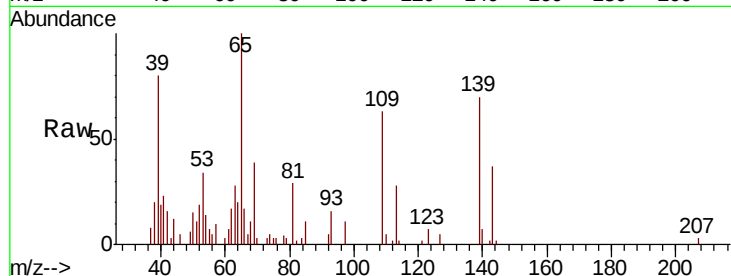
Tot Ion:109 Resp: 19846

Ion Ratio Lower Upper

109 100

139 110.8 96.3 144.5

65 159.3 129.9 194.9



#55

2,4-Dinitrotoluene

Concen: 30.755 ng/ul

RT: 14.46 min Scan# 1950

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

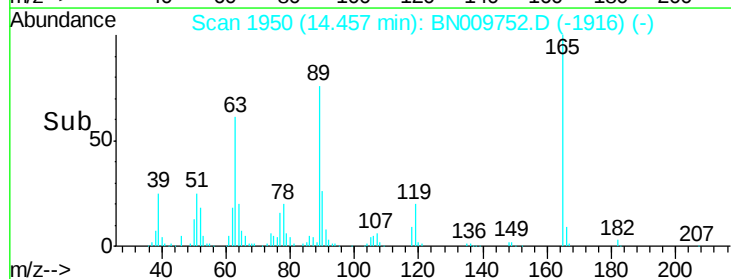
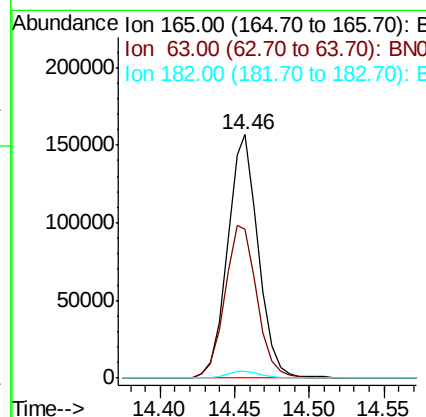
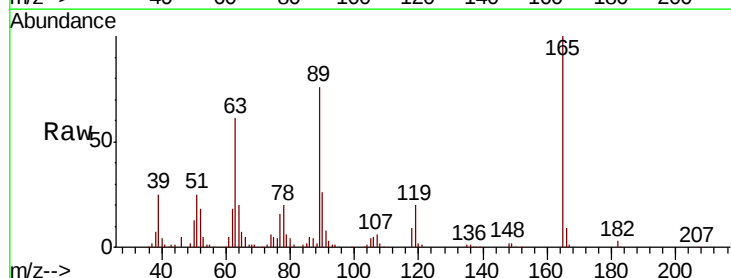
Tgt Ion:165 Resp: 226359

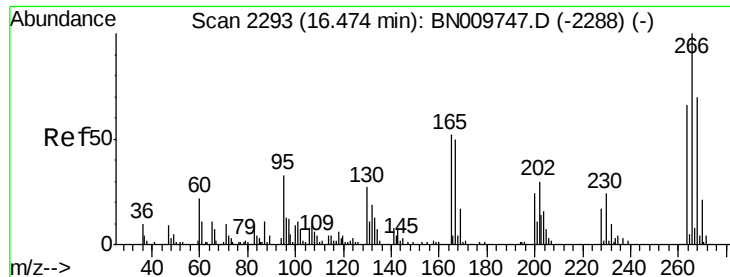
Ion Ratio Lower Upper

165 100

63 61.2 68.3 102.5#

182 2.9 2.2 3.4





#69

Pentachlorophenol

Concen: 28.992 ng/ul

RT: 16.47 min Scan# 2293

Delta R.T. 0.00 min

Lab File: BN009752.D

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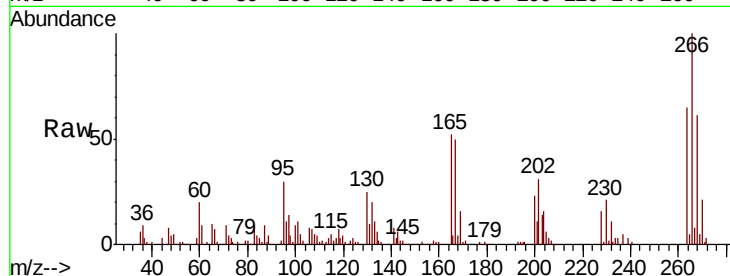
Tot Ion:266 Resp: 128783

Ion Ratio Lower Upper

266 100

264 64.5 52.9 79.3

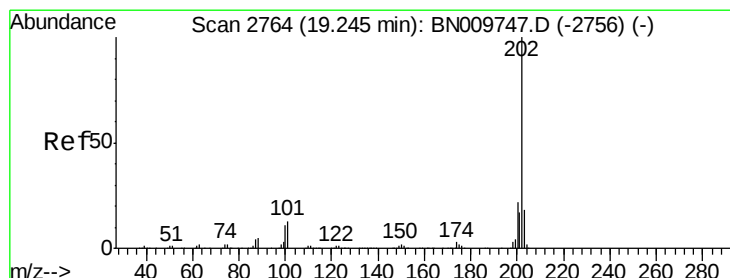
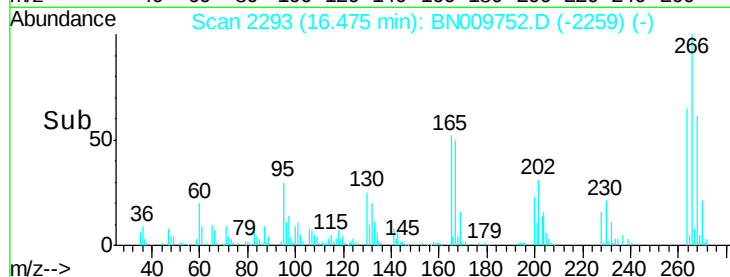
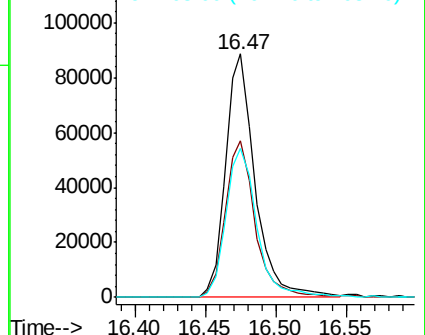
268 61.4 52.5 78.7



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



#80

Pyrene

Concen: 31.989 ng/ul

RT: 19.25 min Scan# 2764

Delta R.T. 0.00 min

Lab File: BN009752.D

Acq: 18 Feb 2020 20:38

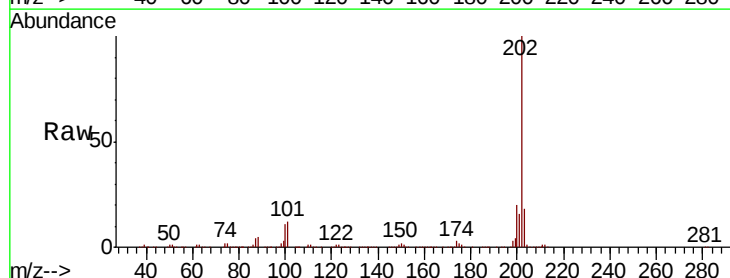
Tgt Ion:202 Resp: 1501325

Ion Ratio Lower Upper

202 100

101 12.1 11.3 16.9

100 10.8 9.0 13.6



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

