

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111418\
 Data File : BN003549.D
 Acq On : 15 Nov 2018 04:19
 Operator : MJ/SJ
 Sample : J5833-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 15 06:33:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 15 01:42:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	102611	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	444896	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	275252	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	639286	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	725758	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	803223	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.29	96	13418	6.18	ng/uL	0.00
5) Phenol-d5	6.99	99	264881	31.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	159922	33.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	228488	31.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	226390	31.78	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	120289	34.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	135132	35.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	238703	32.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	354133	56.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	846488	37.10	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	992506	34.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	143120	31.29	ng/ul	0.00
57) Fluorene-d10	15.47	176	715556	37.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	115717	25.76	ng/ul	0.00
70) Anthracene-d10	17.32	188	1226423	39.05	ng/ul	0.00
78) Pyrene-d10	19.62	212	1344806	37.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	1627446	37.43	ng/ul	0.00

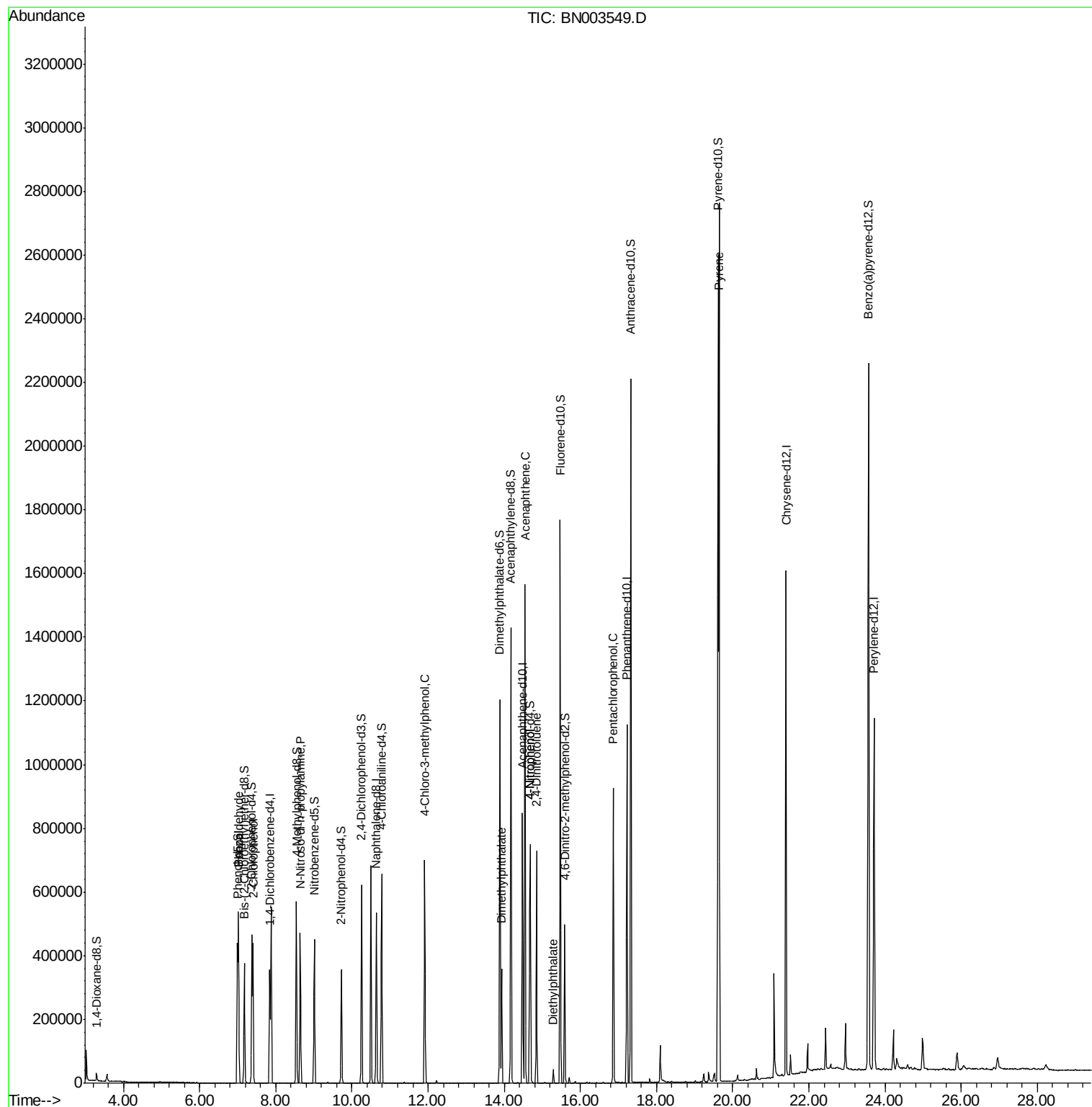
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	7.02	77	2854	1.904	ng/ul#	1
6) Phenol	7.02	94	307203	36.002	ng/ul	99
10) 2-Chlorophenol	7.40	128	211295	28.997	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	174182	34.461	ng/ul	99
33) 4-Chloro-3-methylphenol	11.91	107	241347	34.833	ng/ul	100
44) Dimethylphthalate	13.93	163	243087	10.848	ng/ul	100
49) Acenaphthene	14.55	153	638113	33.238	ng/ul	100
52) 4-Nitrophenol	14.69	109	90512	31.800	ng/ul	97
54) 2,4-Dinitrotoluene	14.85	165	238763	35.122	ng/ul	99
56) Diethylphthalate	15.29	149	24953	1.176	ng/ul	98
68) Pentachlorophenol	16.86	266	170355	31.246	ng/ul	99
79) Pyrene	19.65	202	1571798	35.621	ng/ul	99

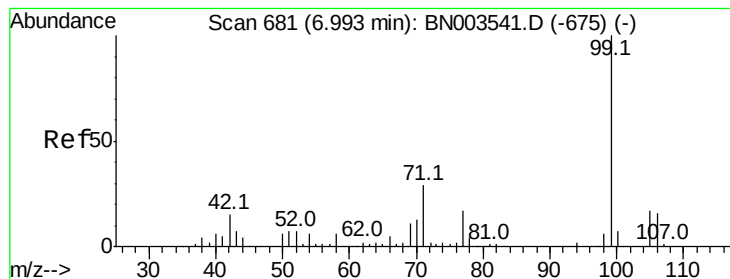
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 15 01:42:46 2018
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.904 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. 0.03 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

Instrument :

BNA_N

ClientSampleId :

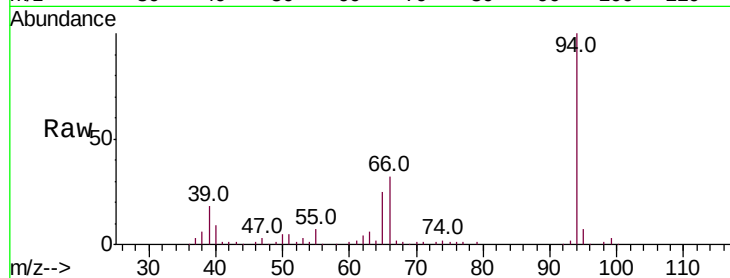
Tot Ion: 77 Resp: 2854

Ion Ratio Lower Upper

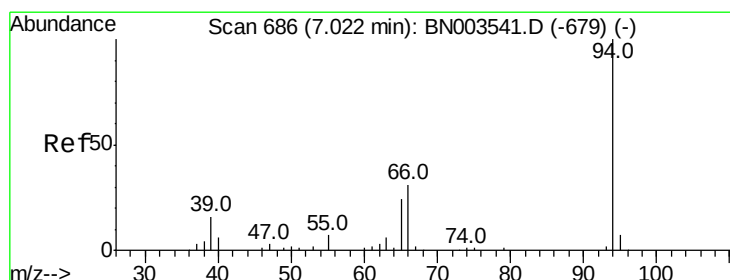
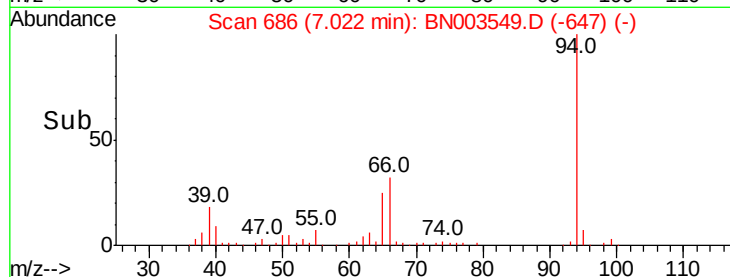
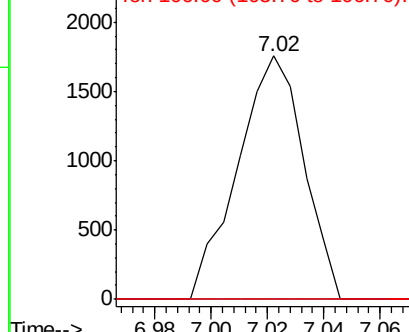
77 100

105 0.0 80.7 121.1#

106 0.0 78.0 117.0#



Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#6

Phenol

Concen: 36.002 ng/ul

RT: 7.02 min Scan# 686

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

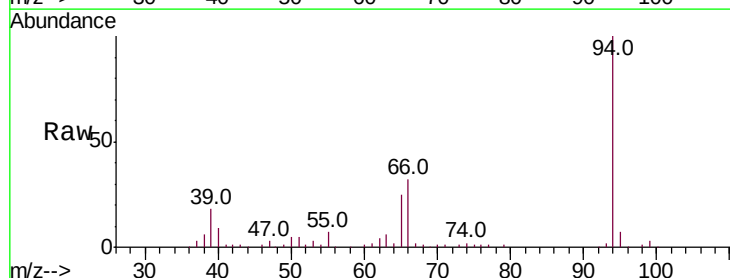
Tgt Ion: 94 Resp: 307203

Ion Ratio Lower Upper

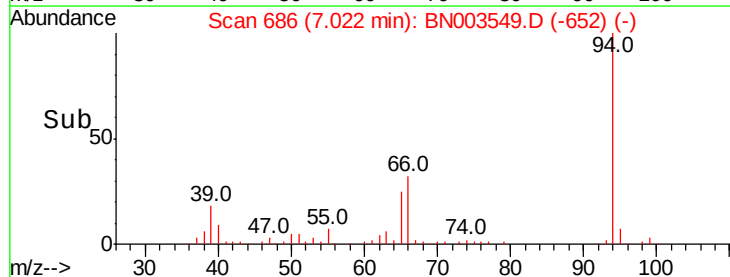
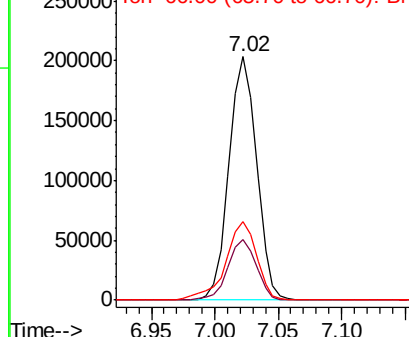
94 100

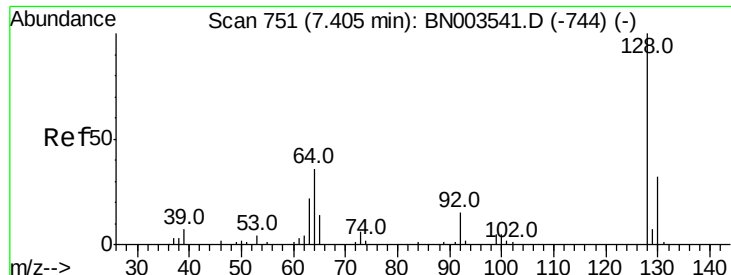
65 25.0 19.2 28.8

66 32.1 25.8 38.6



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC

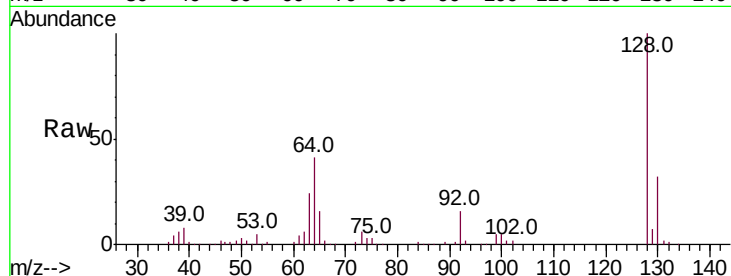




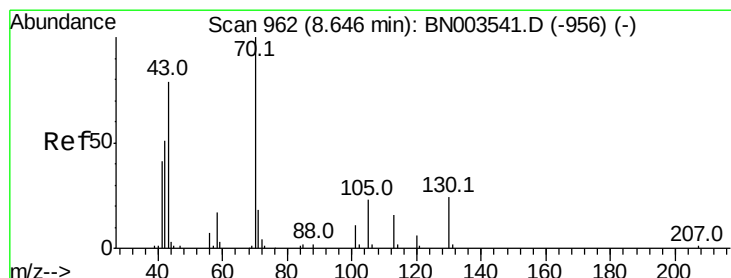
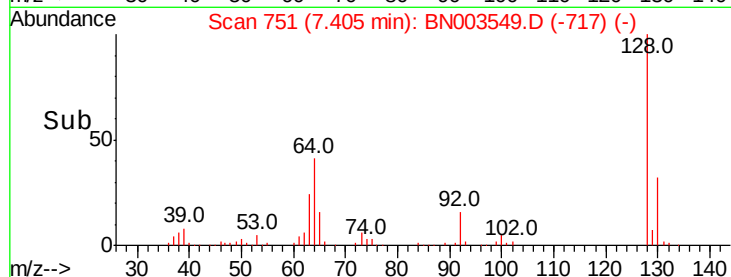
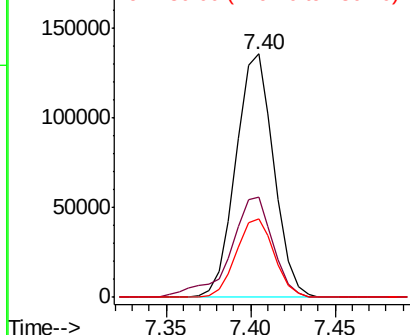
#10
2-Chlorophenol
Concen: 28.997 ng/ul
RT: 7.40 min Scan# 751
Delta R.T. -0.00 min
Lab File: BN003549.D
Acq: 15 Nov 2018 04:19

Instrument :
BNA_N
ClientSampleId :

Tot Ion:128 Resp: 211295
Ion Ratio Lower Upper
128 100
64 40.9 33.3 49.9
130 32.2 26.3 39.5

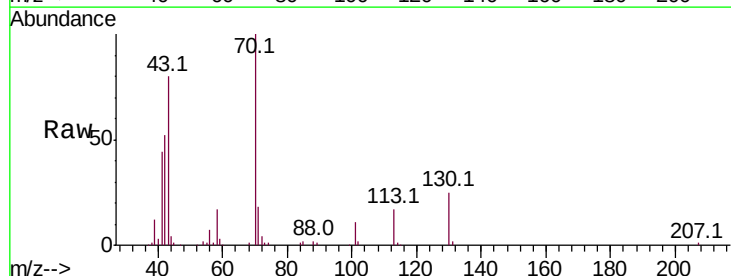


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 130.00 (129.70 to 130.70): E

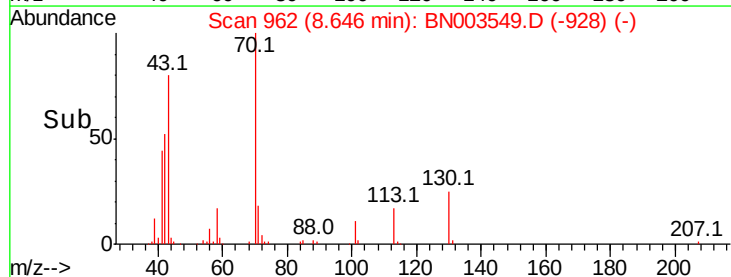
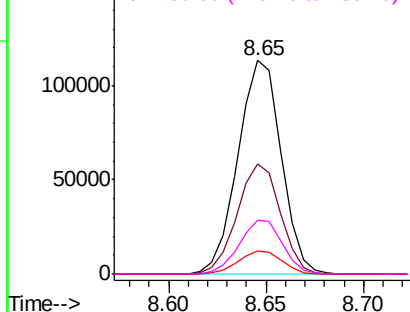


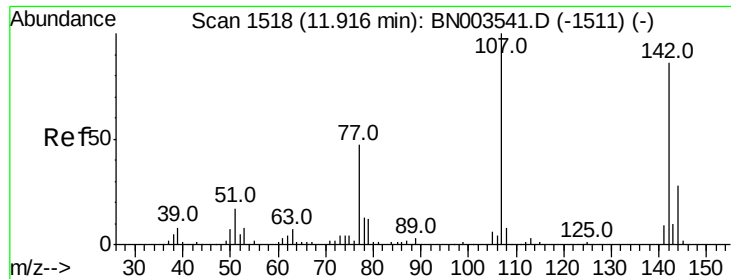
#15
N-Nitroso-di-n-propylamine
Concen: 34.461 ng/ul
RT: 8.65 min Scan# 962
Delta R.T. -0.00 min
Lab File: BN003549.D
Acq: 15 Nov 2018 04:19

Tgt Ion: 70 Resp: 174182
Ion Ratio Lower Upper
70 100
42 51.6 41.0 61.4
101 10.6 8.2 12.2
130 25.2 19.8 29.6



Abundance Ion 70.00 (69.70 to 70.70): BNC
Ion 42.00 (41.70 to 42.70): BNC
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

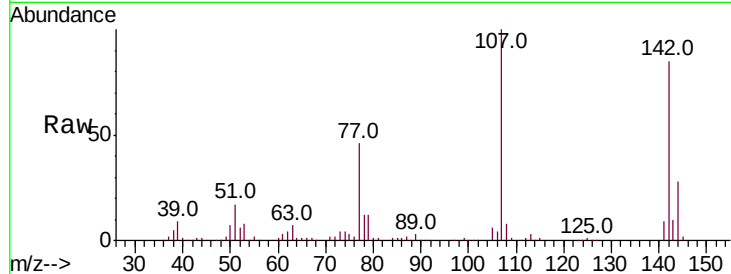




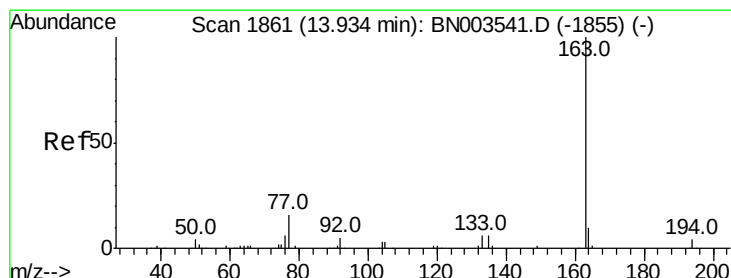
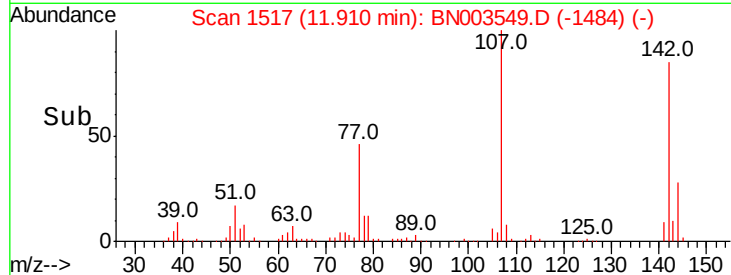
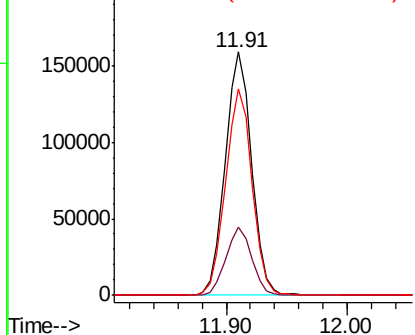
#33
 4-Chloro-3-methylphenol
 Concen: 34.833 ng/ul
 RT: 11.91 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BN003549.D
 Acq: 15 Nov 2018 04:19

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:107 Resp: 241347
 Ion Ratio Lower Upper
 107 100
 144 27.9 22.2 33.4
 142 84.6 67.3 100.9

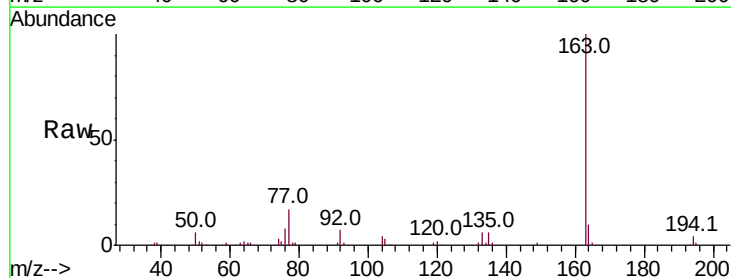


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

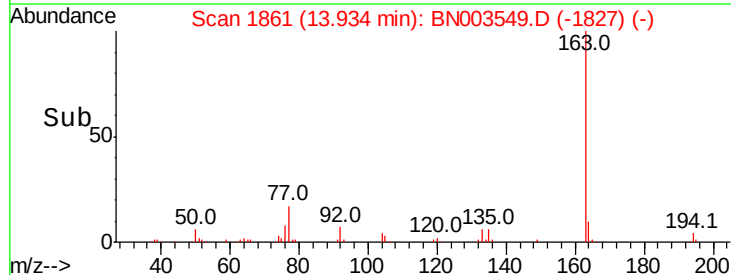
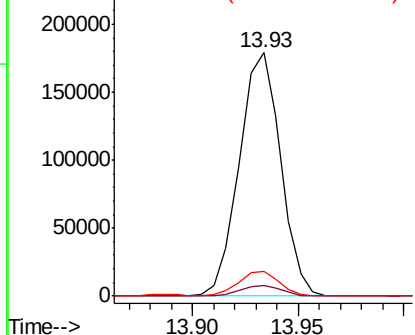


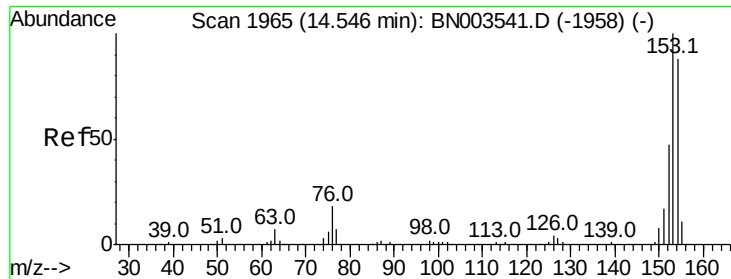
#44
 Dimethylphthalate
 Concen: 10.848 ng/ul
 RT: 13.93 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: BN003549.D
 Acq: 15 Nov 2018 04:19

Tgt Ion:163 Resp: 243087
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 9.9 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





#49

Acenaphthene

Concen: 33.238 ng/ul

RT: 14.55 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

Instrument :

BNA_N

ClientSampled :

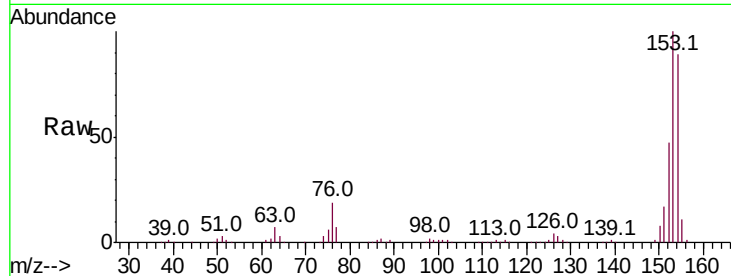
Tot Ion:153 Resp: 638113

Ion Ratio Lower Upper

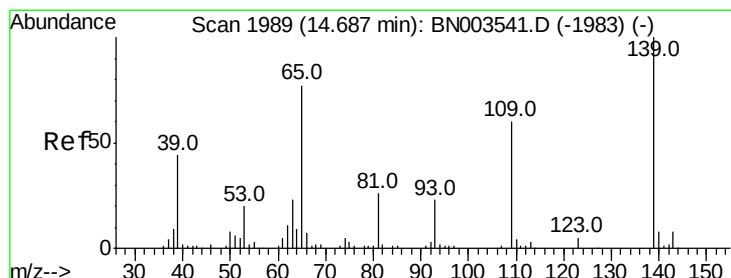
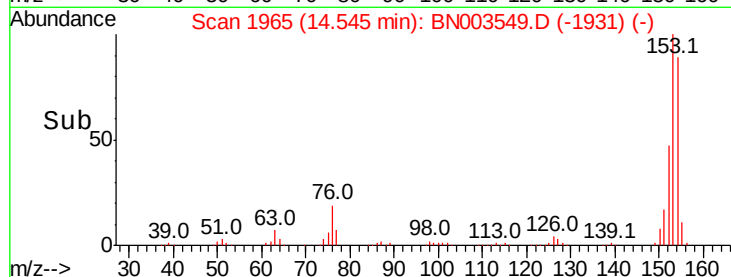
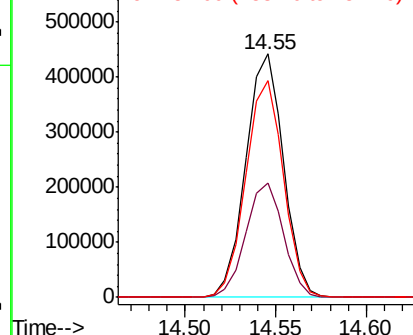
153 100

152 46.8 37.5 56.3

154 89.0 70.7 106.1



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: 31.800 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

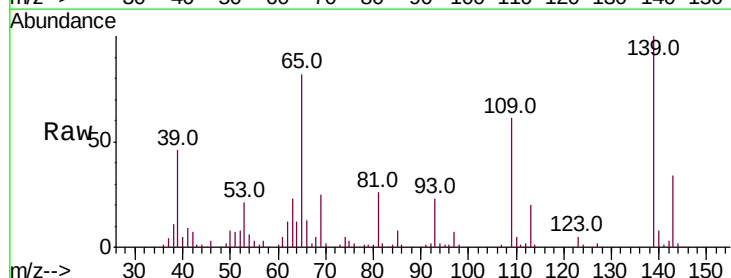
Tgt Ion:109 Resp: 90512

Ion Ratio Lower Upper

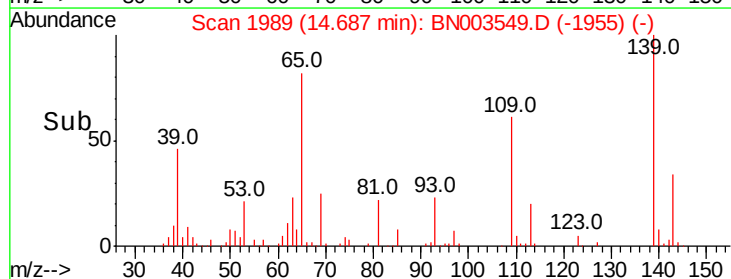
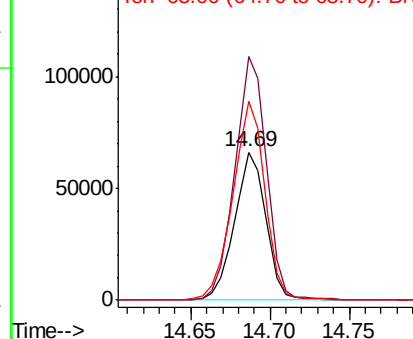
109 100

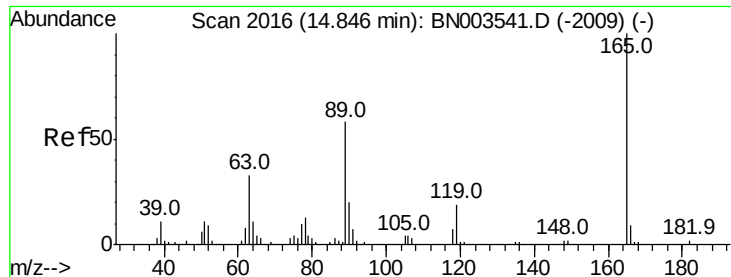
139 164.5 133.6 200.4

65 134.7 103.7 155.5



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: 35.122 ng/ul

RT: 14.85 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

Instrument :

BNA_N

ClientSampleId :

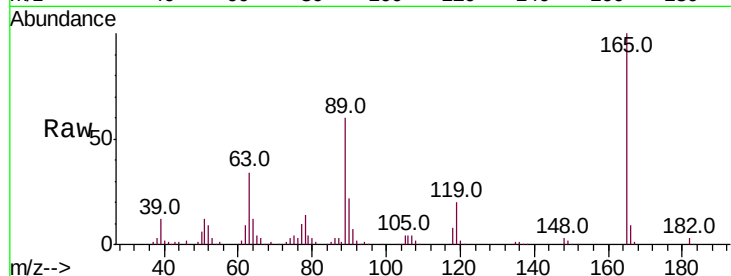
Tot Ion:165 Resp: 238763

Ion Ratio Lower Upper

165 100

63 34.3 26.8 40.2

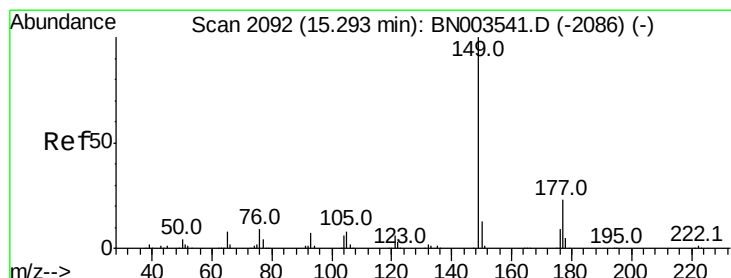
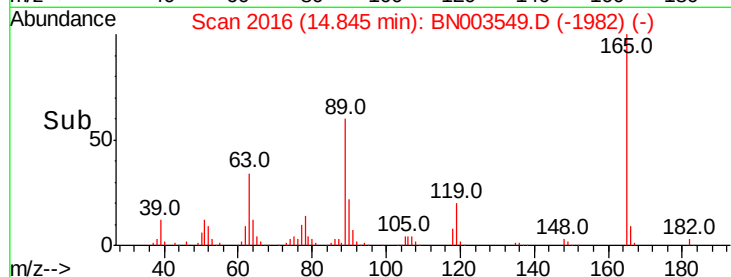
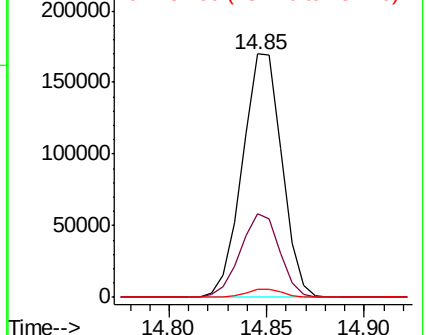
182 3.1 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E



#56

Diethylphthalate

Concen: 1.176 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

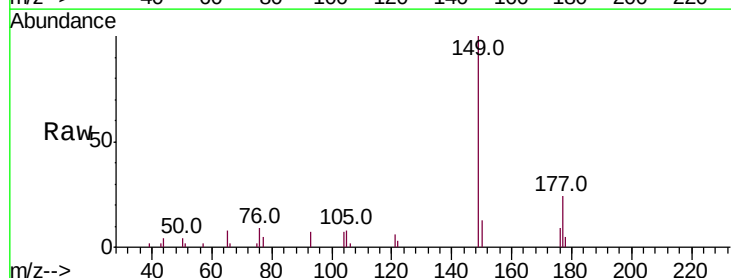
Tgt Ion:149 Resp: 24953

Ion Ratio Lower Upper

149 100

177 24.0 18.2 27.4

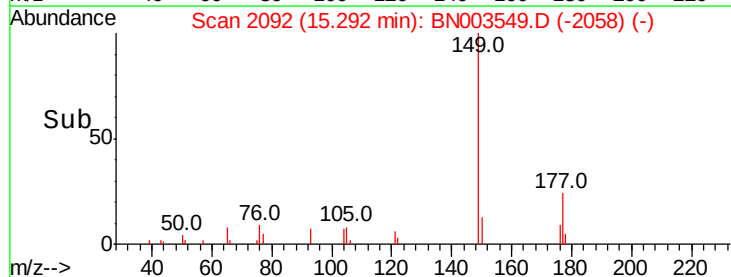
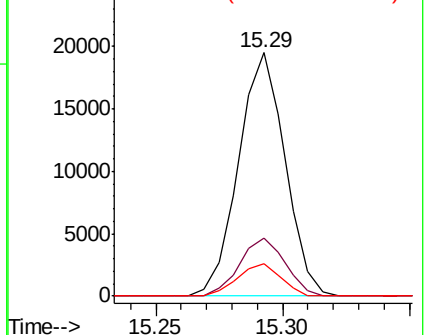
150 13.2 10.0 15.0

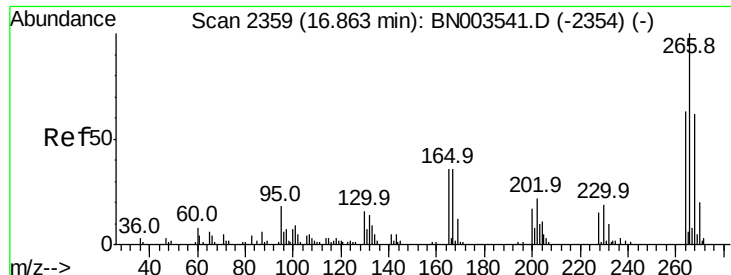


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#68

Pentachlorophenol

Concen: 31.246 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

Instrument :

BNA_N

ClientSampleId :

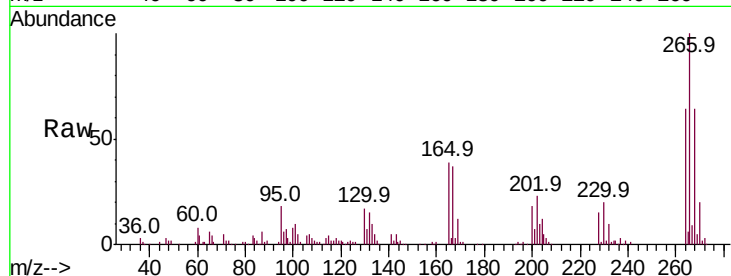
Tot Ion:266 Resp: 170355

Ion Ratio Lower Upper

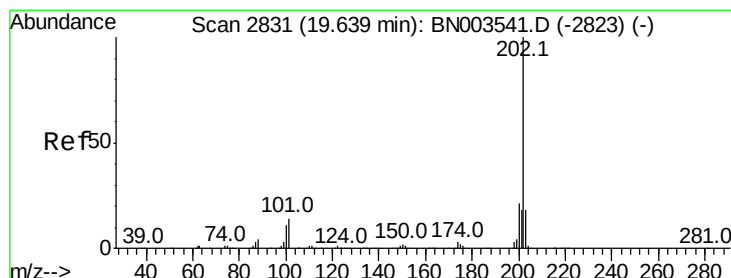
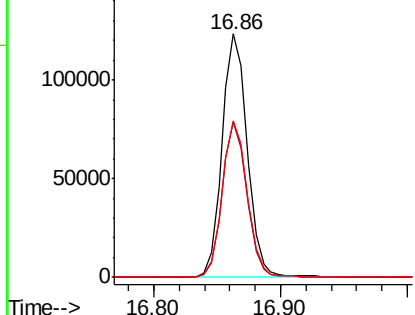
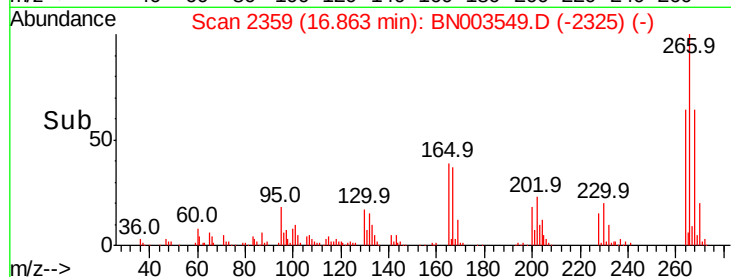
266 100

264 63.9 50.6 76.0

268 64.4 51.3 76.9



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: 35.621 ng/ul

RT: 19.65 min Scan# 2832

Delta R.T. 0.01 min

Lab File: BN003549.D

Acq: 15 Nov 2018 04:19

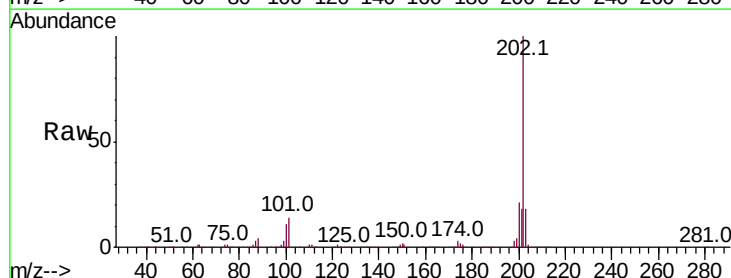
Tgt Ion:202 Resp: 1571798

Ion Ratio Lower Upper

202 100

101 13.8 11.0 16.4

100 11.4 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

