

Data File : BN004161.D
Acq On : 21 Dec 2018 15:46
Operator : JU/SJ
Sample : J6485-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ETO80MSD

Quant Time: Dec 22 04:20:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 22 04:16:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	20839	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	103275	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	68343	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	166275	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	205048	20.00	ng/ul	0.00
85) Perylene-d12	23.73	264	212128	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2200	6.91	ng/uL	0.00
5) Phenol-d5	6.99	99	16863	8.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	39284	35.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	46783	29.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	32051	18.67	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	30482	37.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	35289	38.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	56345	33.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	2784	1.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	233947	38.35	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	275642	38.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	9353	7.42	ng/ul	0.00
57) Fluorene-d10	15.46	176	203385	38.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	38666	32.29	ng/ul	0.00
70) Anthracene-d10	17.31	188	339543	40.41	ng/ul	0.00
78) Pyrene-d10	19.61	212	396225	43.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.58	264	482508	41.93	ng/ul	0.00

Target Compounds

					Qvalue
6) Phenol	7.02	94	16477	7.968	ng/ul 99
10) 2-Chlorophenol	7.39	128	43346	27.050	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.62	70	45523	35.906	ng/ul 99
33) 4-Chloro-3-methylphenol	11.90	107	58145	30.554	ng/ul 98
49) Acenaphthene	14.53	153	172139	35.058	ng/ul 99
52) 4-Nitrophenol	14.69	109	6104	7.664	ng/ul 98
54) 2,4-Dinitrotoluene	14.85	165	67785	36.039	ng/ul 97
56) Diethylphthalate	15.27	149	13136	2.157	ng/ul 98
68) Pentachlorophenol	16.86	266	43547	32.615	ng/ul 98
79) Pyrene	19.64	202	465310	40.619	ng/ul 98

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

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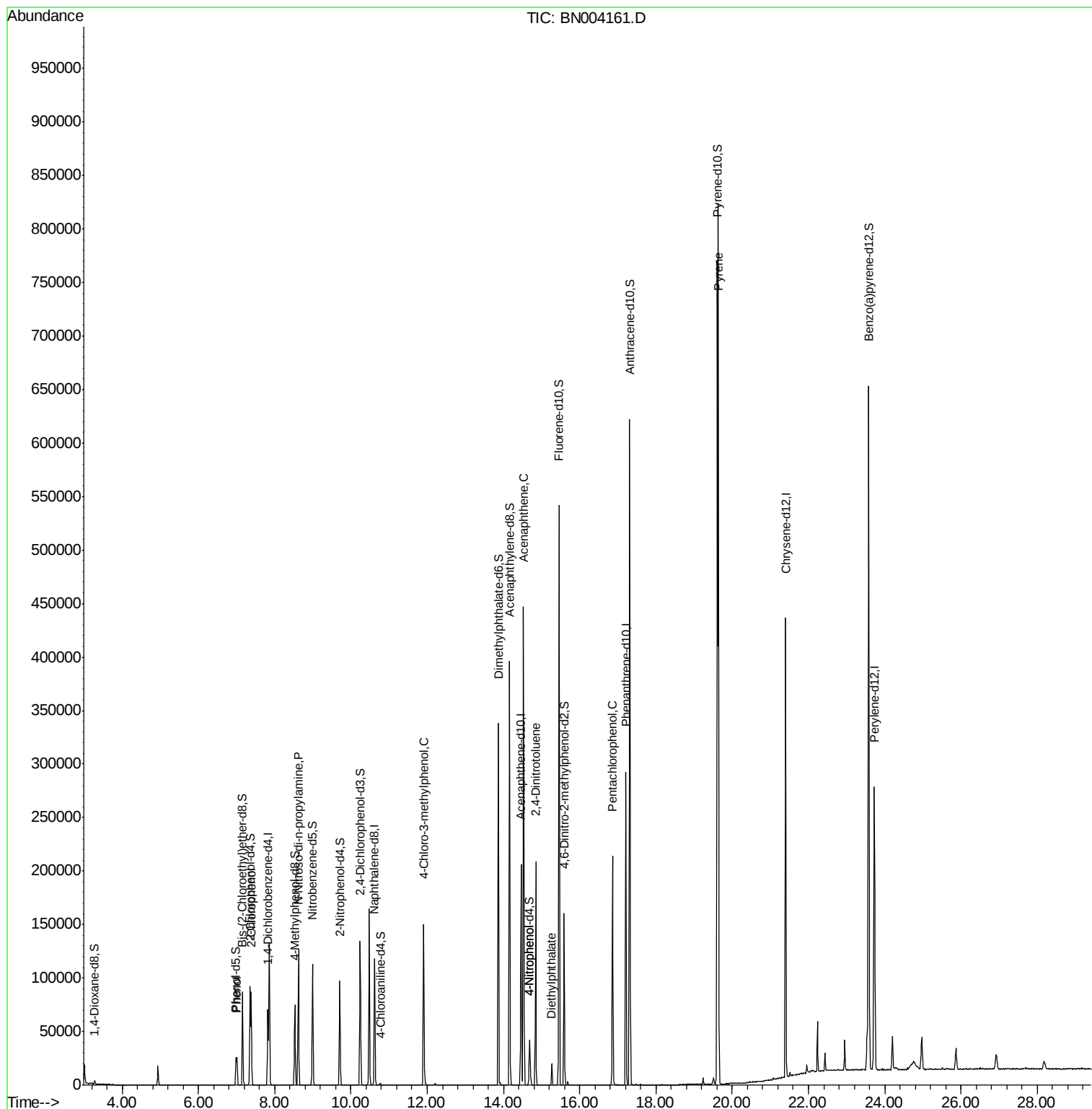
Quant Time: Dec 22 04:20:08 2018

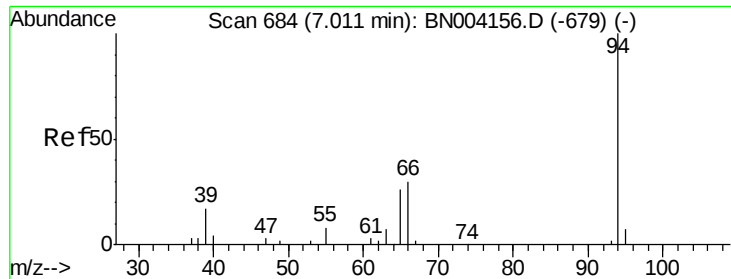
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 22 04:16:53 2018

Response via : Initial Calibration





#6

Phenol

Concen: 7.968 ng/ul

RT: 7.02 min Scan# 685

Delta R.T. 0.01 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

Instrument :

BNA_N

ClientSampleId :

ETO80MSD

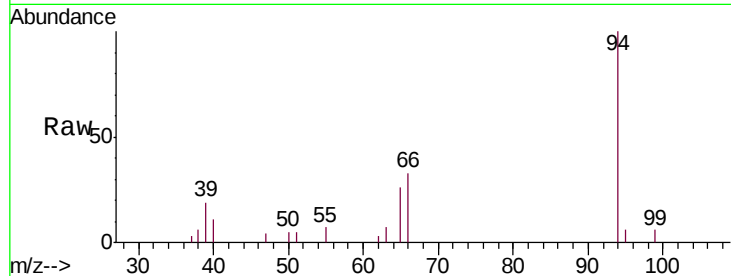
Tgt Ion: 94 Resp: 16477

Ion Ratio Lower Upper

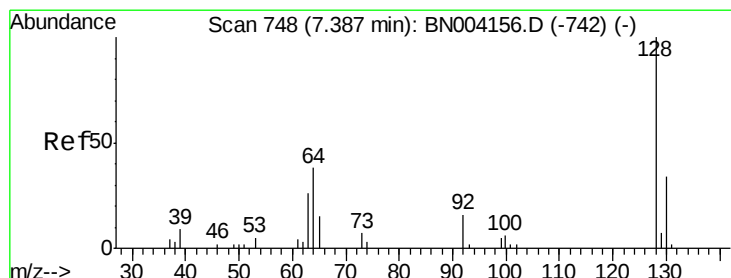
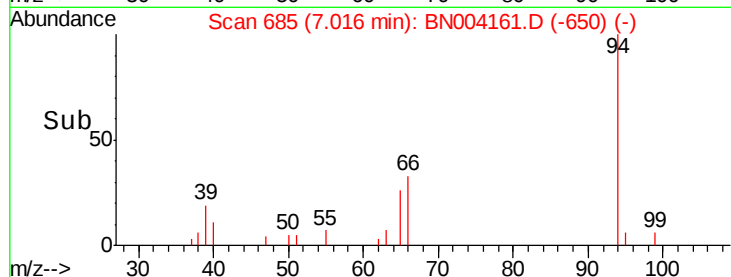
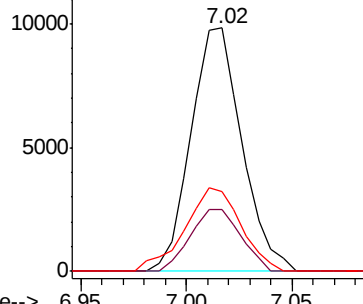
94 100

65 25.7 21.2 31.8

66 32.8 26.9 40.3



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: 27.050 ng/ul

RT: 7.39 min Scan# 748

Delta R.T. -0.00 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

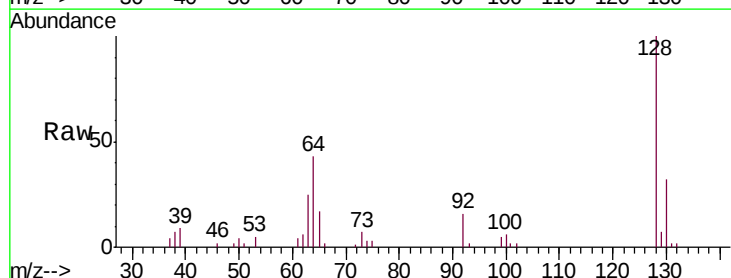
Tgt Ion: 128 Resp: 43346

Ion Ratio Lower Upper

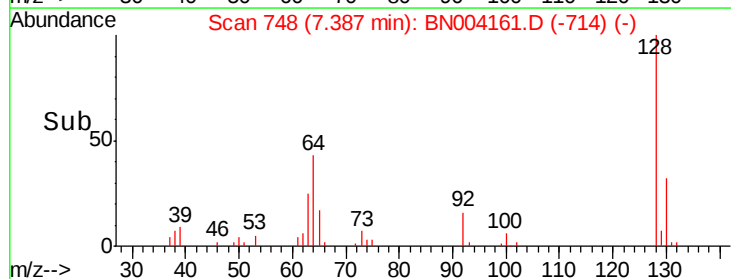
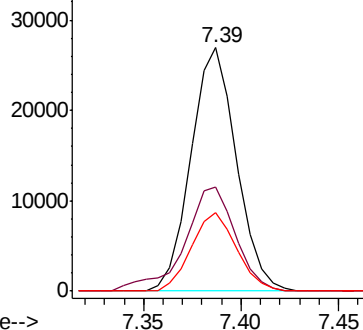
128 100

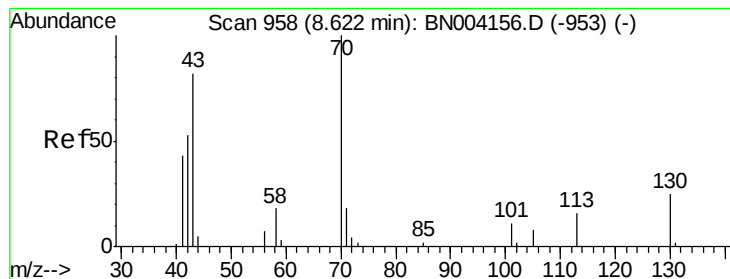
64 43.0 33.8 50.6

130 32.1 25.4 38.0



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: 35.906 ng/ul

RT: 8.62 min Scan# 958

Delta R.T. -0.00 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

Instrument :

BNA_N

ClientSampleId :

ETO80MSD

Tgt Ion: 70 Resp: 45523

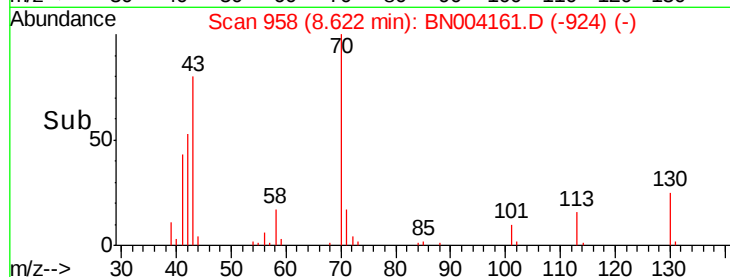
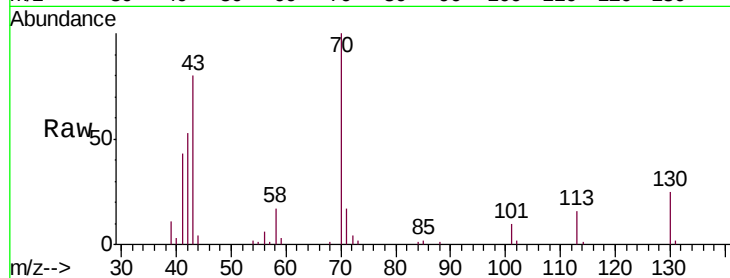
Ion Ratio Lower Upper

70 100

42 52.7 42.3 63.5

101 10.0 8.7 13.1

130 24.8 20.2 30.2

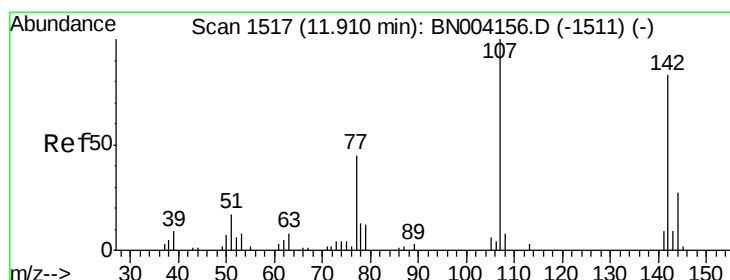
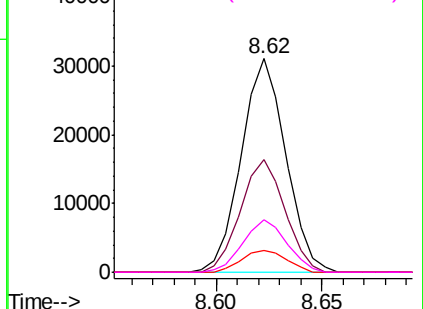


Abundance Ion 70.00 (69.70 to 70.70): BN004156.D (-953) (-)

Ion 42.00 (41.70 to 42.70): BN004156.D (-953) (-)

Ion 101.00 (100.70 to 101.70): BN004156.D (-953) (-)

Ion 130.00 (129.70 to 130.70): BN004156.D (-953) (-)



#33

4-Chloro-3-methylphenol

Concen: 30.554 ng/ul

RT: 11.90 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

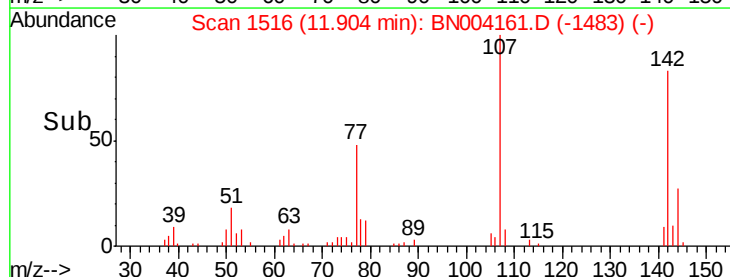
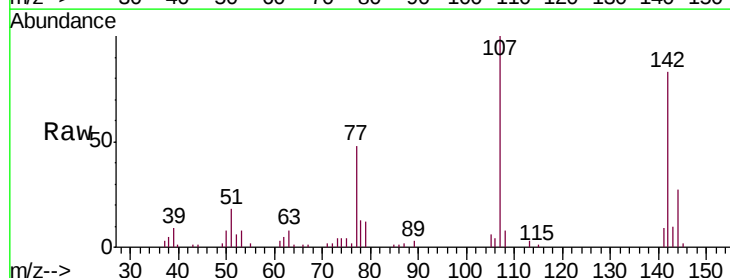
Tgt Ion: 107 Resp: 58145

Ion Ratio Lower Upper

107 100

144 27.2 21.1 31.7

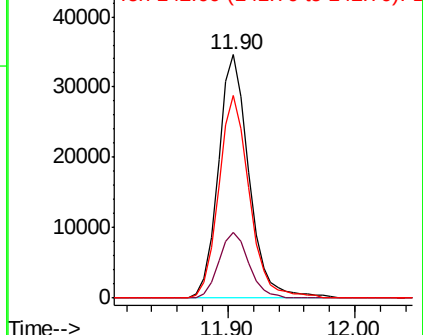
142 83.1 65.0 97.4

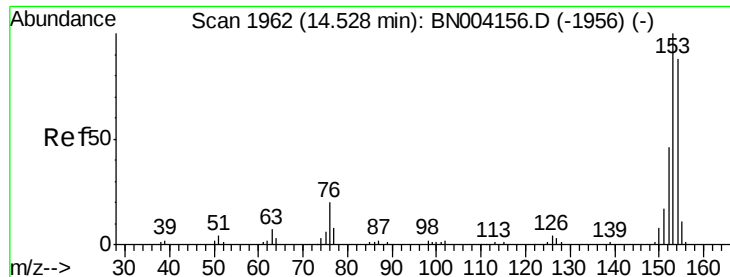


Abundance Ion 107.00 (106.70 to 107.70): BN004156.D (-1511) (-)

Ion 144.00 (143.70 to 144.70): BN004156.D (-1511) (-)

Ion 142.00 (141.70 to 142.70): BN004156.D (-1511) (-)





#49

Acenaphthene

Concen: 35.058 ng/ul

RT: 14.53 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

Instrument :

BNA_N

ClientSampleId :

ETO80MSD

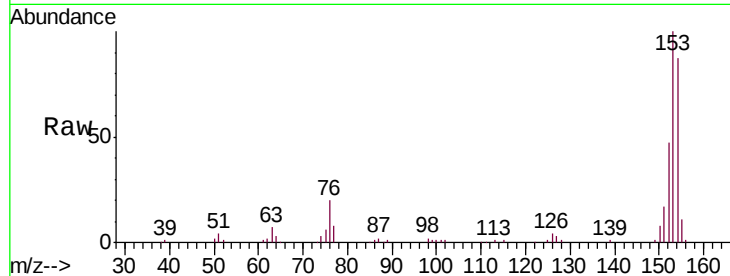
Tgt Ion:153 Resp: 172139

Ion Ratio Lower Upper

153 100

152 47.0 37.8 56.6

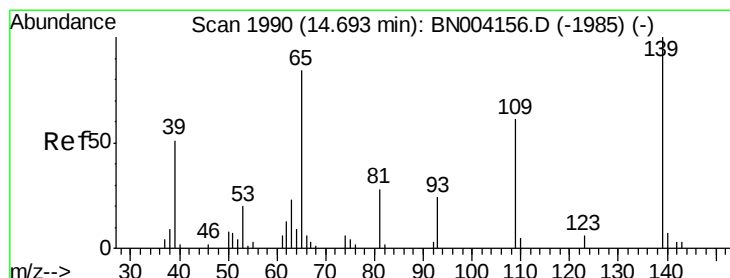
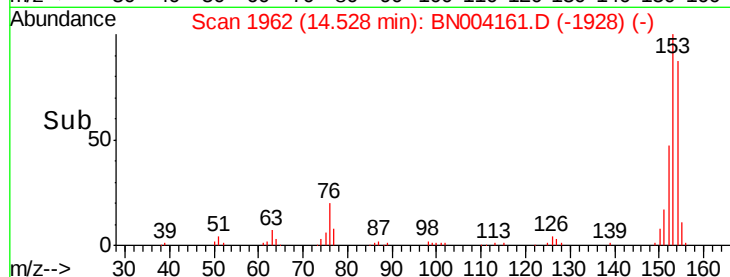
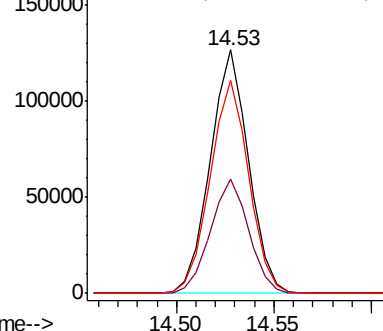
154 87.2 71.0 106.6



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: 7.664 ng/ul

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BN004161.D

Acq: 21 Dec 2018 15:46

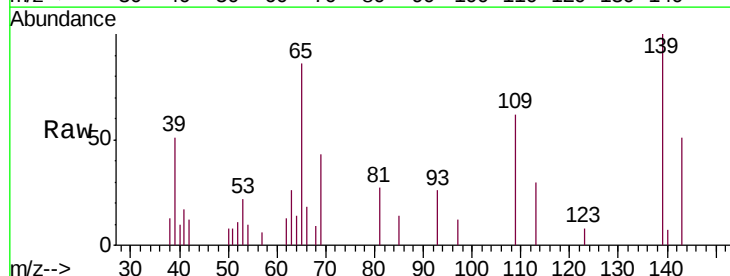
Tgt Ion:109 Resp: 6104

Ion Ratio Lower Upper

109 100

139 161.2 125.0 187.4

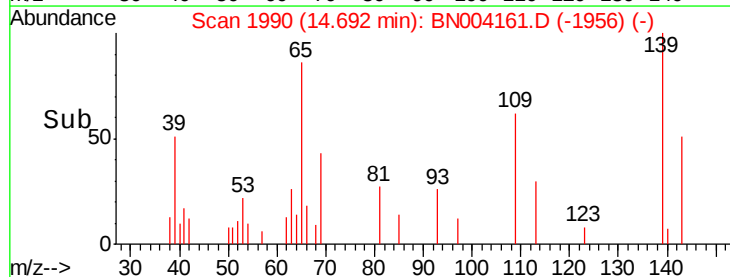
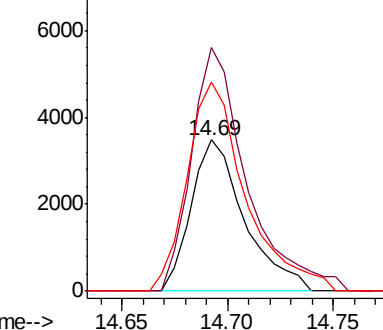
65 138.5 110.8 166.2

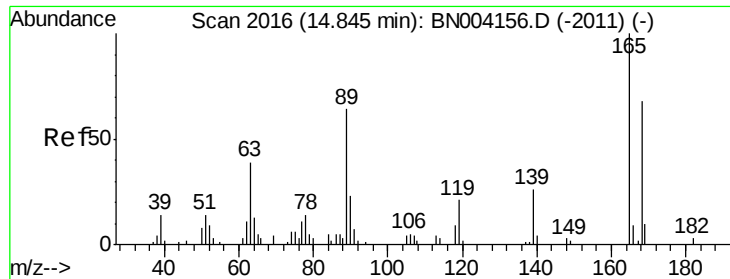


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO

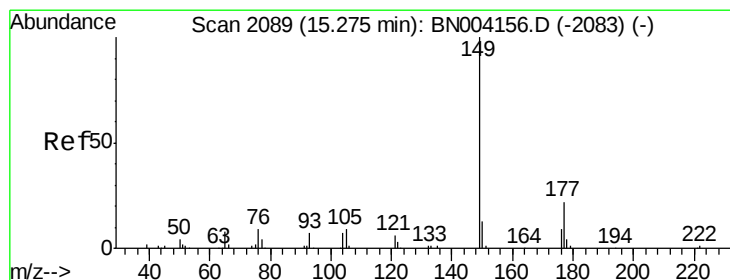
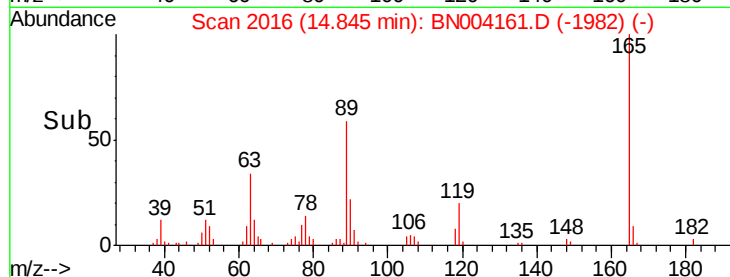
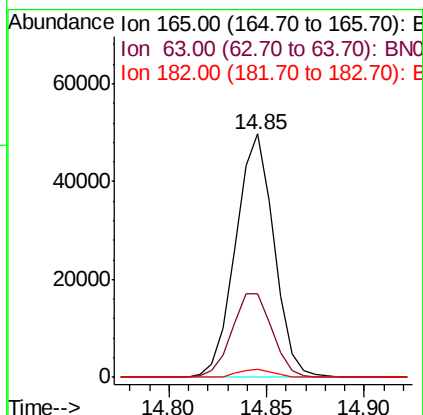
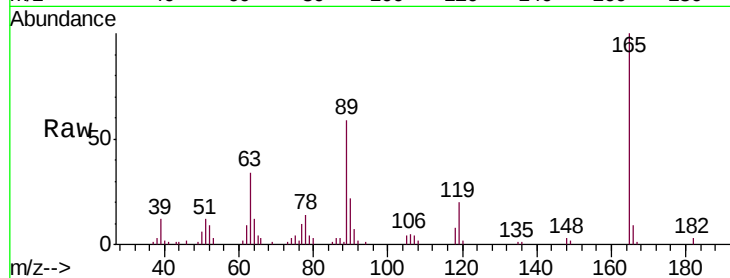




#54
2,4-Dinitrotoluene
Concen: 36.039 ng/ul
RT: 14.85 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004161.D
Acq: 21 Dec 2018 15:46

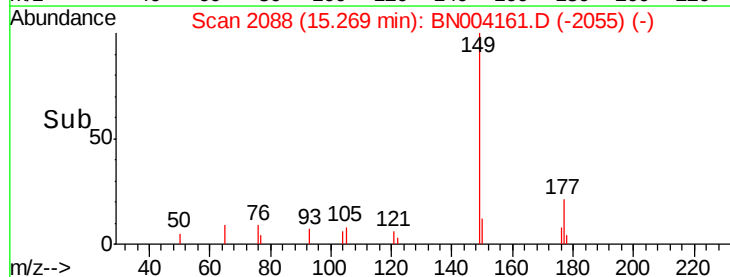
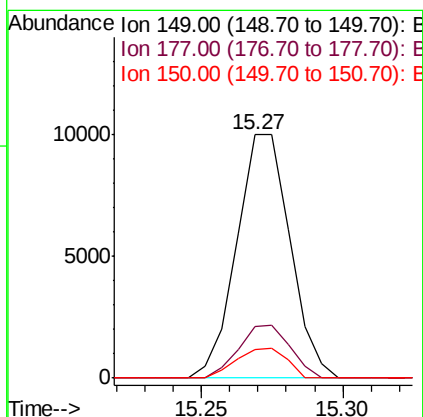
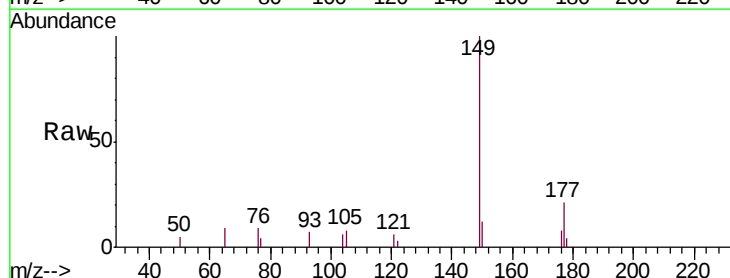
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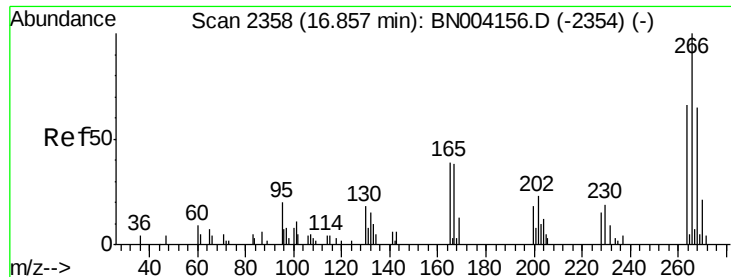
Tgt Ion:165 Resp: 67785
Ion Ratio Lower Upper
165 100
63 34.4 29.0 43.6
182 3.1 2.4 3.6



#56
Diethylphthalate
Concen: 2.157 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BN004161.D
Acq: 21 Dec 2018 15:46

Tgt Ion:149 Resp: 13136
Ion Ratio Lower Upper
149 100
177 21.0 17.8 26.6
150 11.9 10.2 15.2

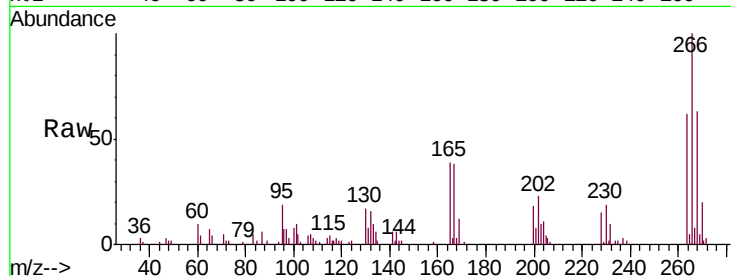




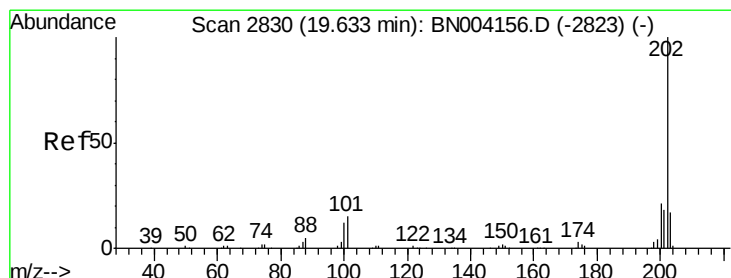
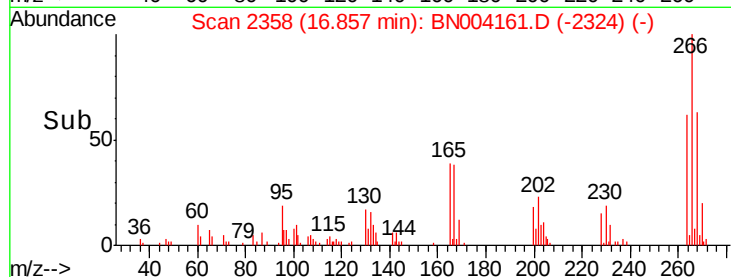
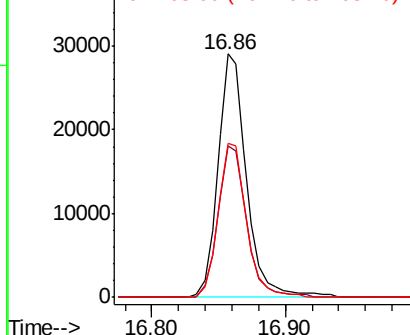
#68
 Pentachlorophenol
 Concen: 32.615 ng/ul
 RT: 16.86 min Scan# 2358
 Delta R.T. -0.00 min
 Lab File: BN004161.D
 Acq: 21 Dec 2018 15:46

Instrument :
 BNA_N
 ClientSampleId :
 ETO80MSD

Tgt Ion:266 Resp: 43547
 Ion Ratio Lower Upper
 266 100
 264 62.3 51.8 77.8
 268 63.3 50.7 76.1

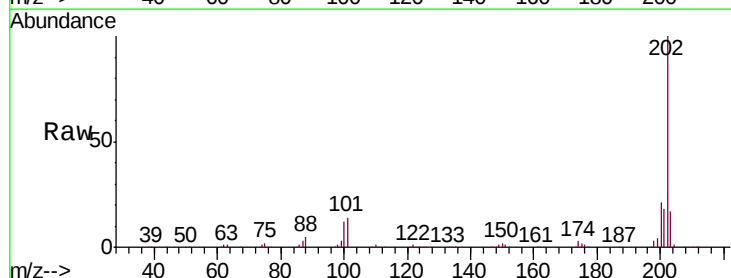


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 40.619 ng/ul
 RT: 19.64 min Scan# 2831
 Delta R.T. 0.01 min
 Lab File: BN004161.D
 Acq: 21 Dec 2018 15:46

Tgt Ion:202 Resp: 465310
 Ion Ratio Lower Upper
 202 100
 101 14.3 12.2 18.2
 100 11.9 9.9 14.9



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

