

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
 Data File : BN002523.D
 Acq On : 25 Aug 2018 04:23
 Operator : JU/SJ
 Sample : J4628-23MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 25 05:01:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 25 04:34:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	122425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	585912	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	362351	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	875626	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1027492	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	1100829	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	15899	6.13	ng/uL	0.00
5) Phenol-d5	6.85	99	86835	7.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	260639	36.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	249697	29.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	163107	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	174362	37.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	181076	36.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	300887	33.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	135	0.01	ng/ul	0.04
43) Dimethylphthalate-d6	13.72	166	1155447	38.47	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1382290	37.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	30793	5.42	ng/ul	0.00
57) Fluorene-d10	15.30	176	1009381	38.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	161410	28.95	ng/ul	0.00
70) Anthracene-d10	17.15	188	1623456	38.81	ng/ul	0.00
78) Pyrene-d10	19.45	212	1911466	38.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	2229097	38.73	ng/ul	0.00

Target Compounds

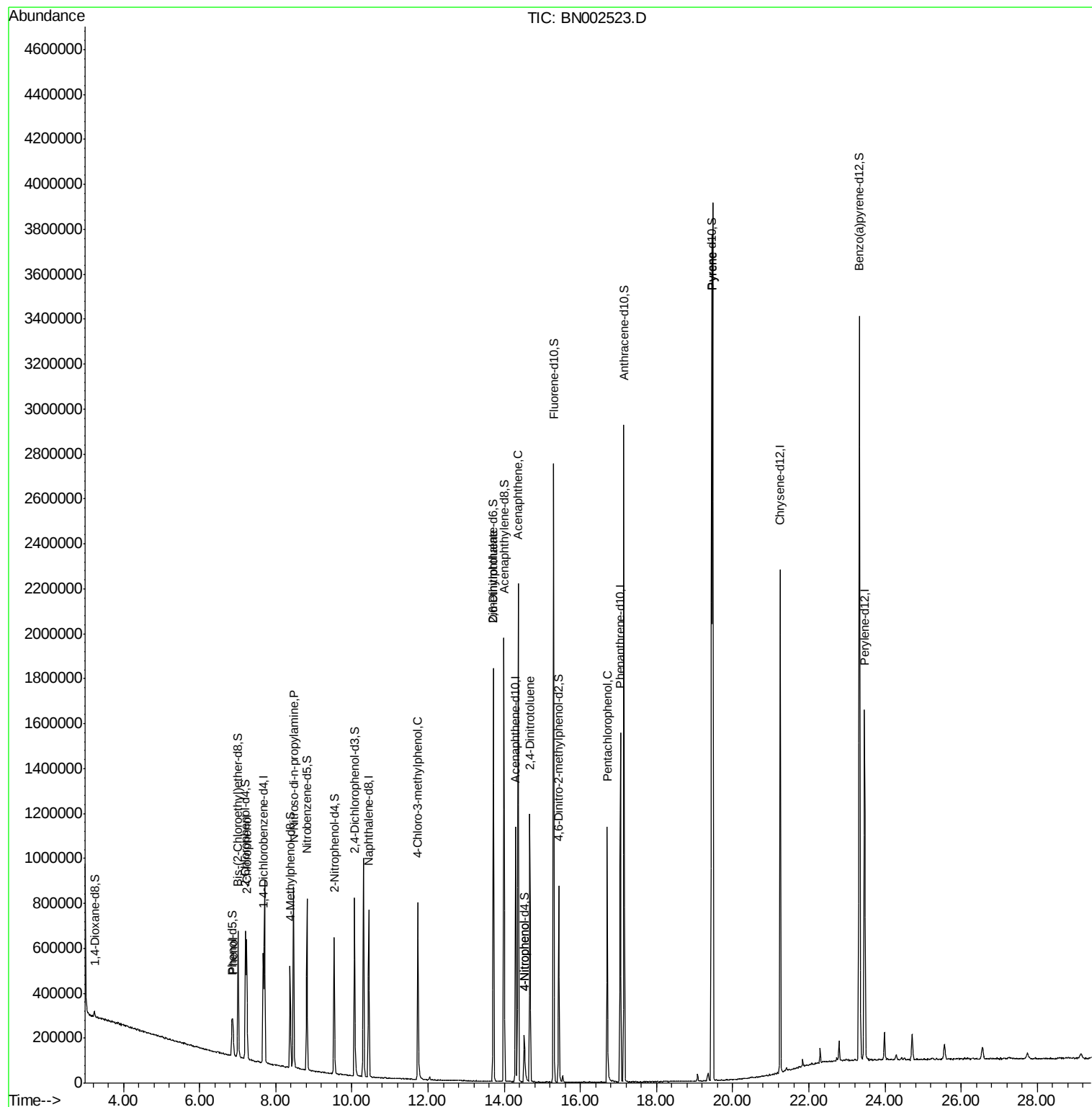
				Ovalue	
6) Phenol	6.88	94	85353	7.466	ng/ul 91
10) 2-Chlorophenol	7.24	128	229027	26.606	ng/ul# 89
15) N-Nitroso-di-n-propylamine	8.47	70	274928	36.316	ng/ul# 82
33) 4-Chloro-3-methylphenol	11.73	107	290502	28.929	ng/ul 98
45) 2,6-Dinitrotoluene	13.72	165	6725	1.130	ng/ul# 38
49) Acenaphthene	14.36	153	870085	35.158	ng/ul 98
52) 4-Nitrophenol	14.53	109	27070	6.290	ng/ul# 80
54) 2,4-Dinitrotoluene	14.68	165	319971	35.655	ng/ul# 83
68) Pentachlorophenol	16.70	266	190759	34.183	ng/ul 99
79) Pyrene	19.48	202	2241210	36.175	ng/ul 99

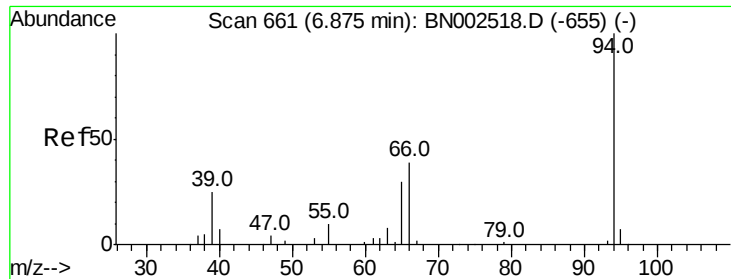
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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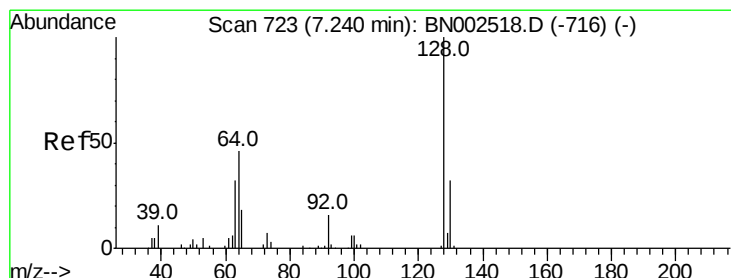
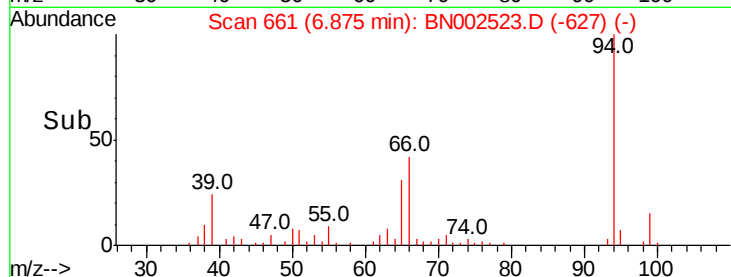
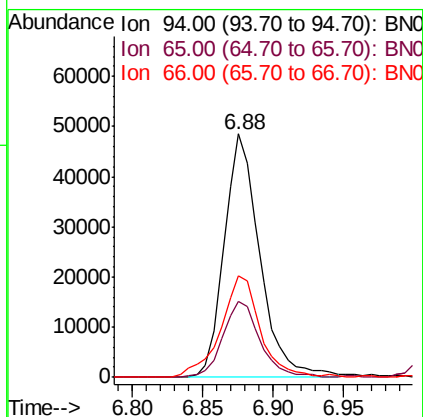
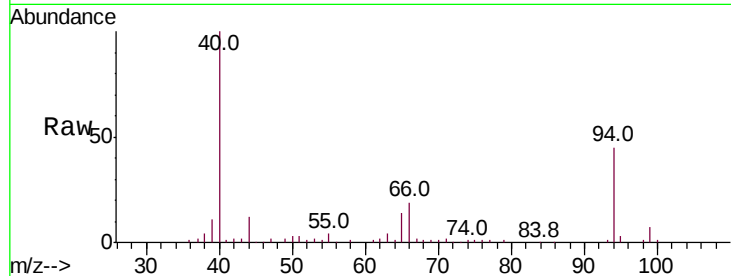
#6

Phenol

Concen: 7.466 ng/ul
 RT: 6.88 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Instrument :
 BNA_N
 ClientSampled :

Tot Ion: 94 Resp: 85353
 Ion Ratio Lower Upper
 94 100
 65 31.4 21.0 31.6
 66 41.6 29.3 43.9

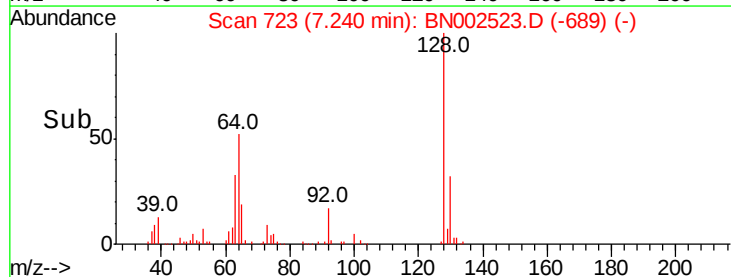
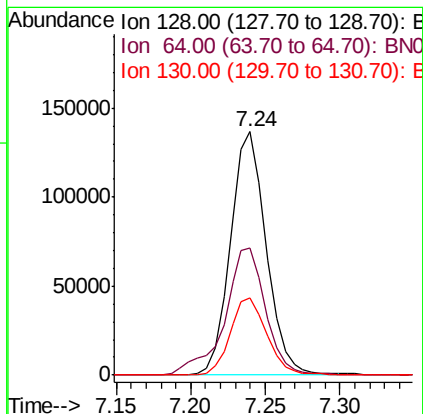
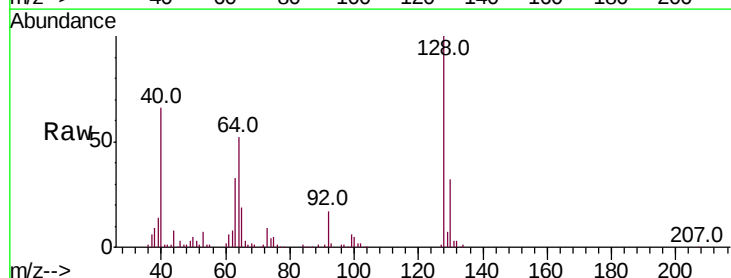


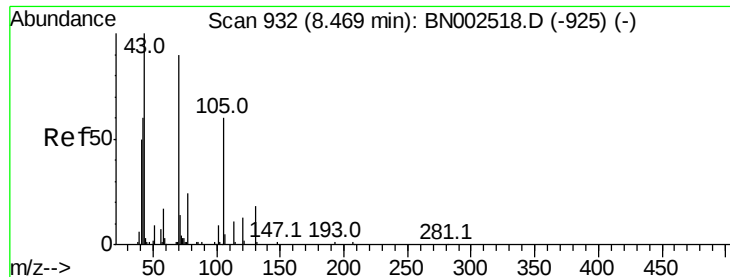
#10

2-Chlorophenol

Concen: 26.606 ng/ul
 RT: 7.24 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Tgt Ion: 128 Resp: 229027
 Ion Ratio Lower Upper
 128 100
 64 52.2 31.9 47.9#
 130 31.5 25.6 38.4

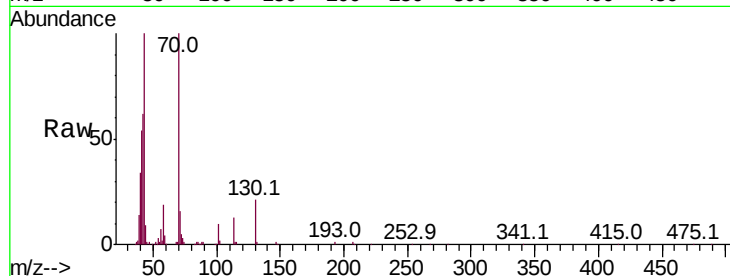




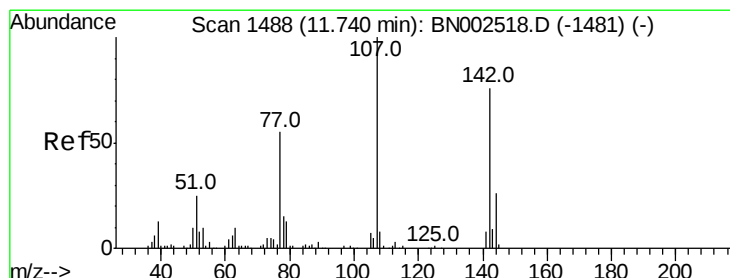
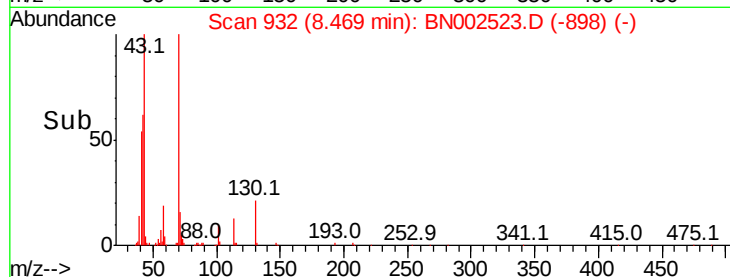
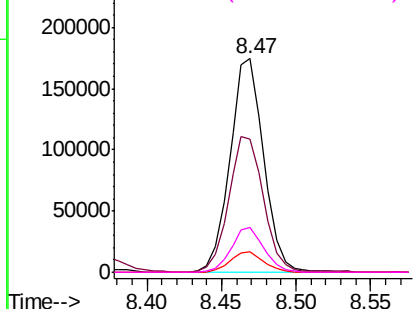
#15
N-Nitroso-di-n-propylamine
Concen: 36.316 ng/ul
RT: 8.47 min Scan# 932
Delta R.T. -0.00 min
Lab File: BN002523.D
Acq: 25 Aug 2018 04:23

Instrument :
BNA_N
ClientSampleId :

Tot Ion: 70 Resp: 274928
Ion Ratio Lower Upper
70 100
42 62.5 35.4 53.0#
101 9.5 8.4 12.6
130 20.7 18.2 27.4

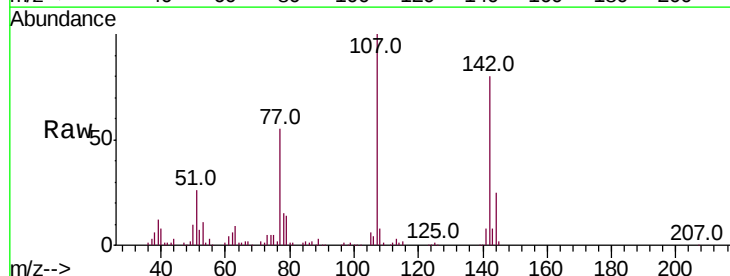


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

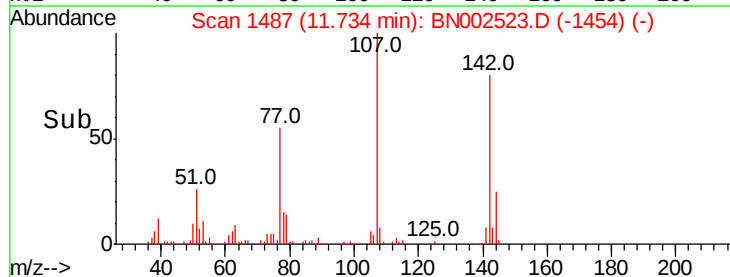
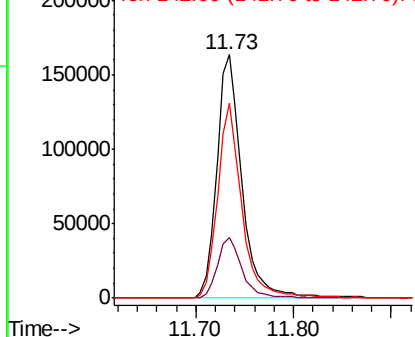


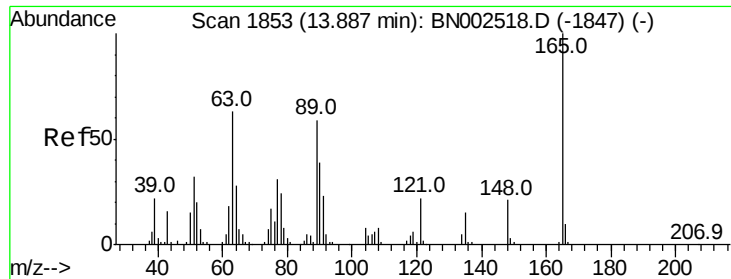
#33
4-Chloro-3-methylphenol
Concen: 28.929 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN002523.D
Acq: 25 Aug 2018 04:23

Tgt Ion: 107 Resp: 290502
Ion Ratio Lower Upper
107 100
144 25.1 20.4 30.6
142 80.1 62.5 93.7



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

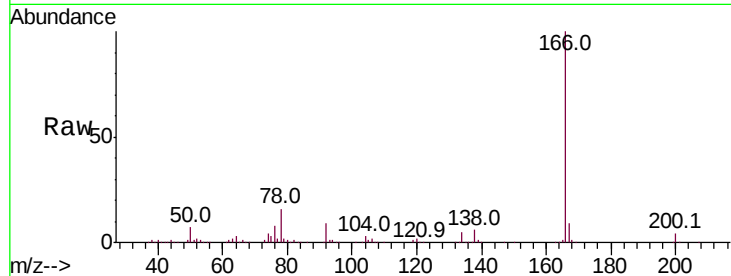




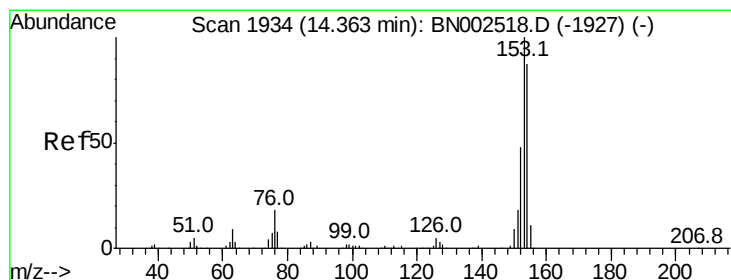
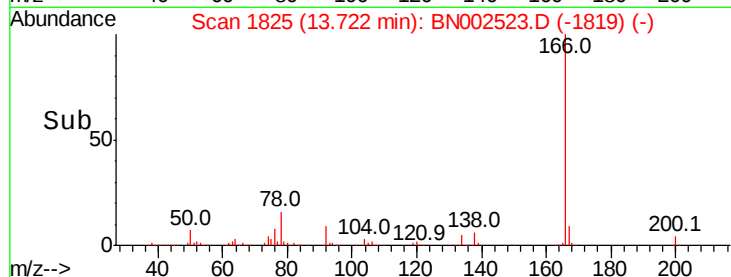
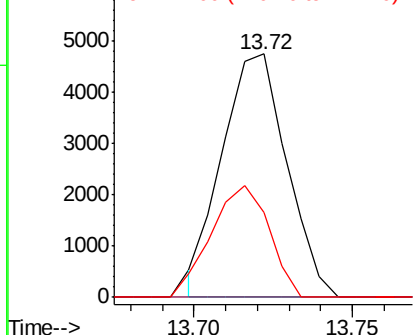
#45
 2,6-Dinitrotoluene
 Concen: 1.130 ng/ul
 RT: 13.72 min Scan# 1825
 Delta R.T. -0.16 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:165 Resp: 6725
 Ion Ratio Lower Upper
 165 100
 89 0.0 42.4 63.6#
 121 34.8 16.6 24.8#

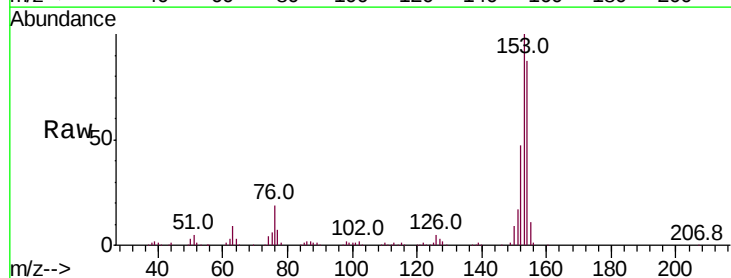


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 89.00 (88.70 to 89.70): BNO
 Ion 121.00 (120.70 to 121.70): E

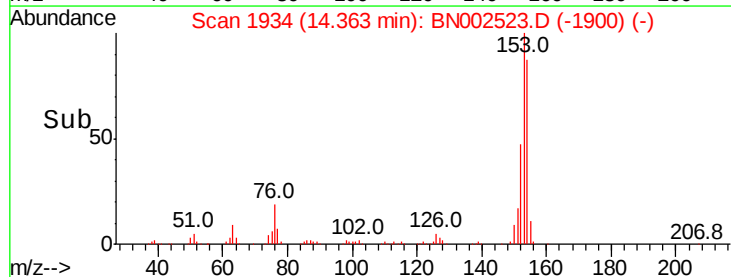
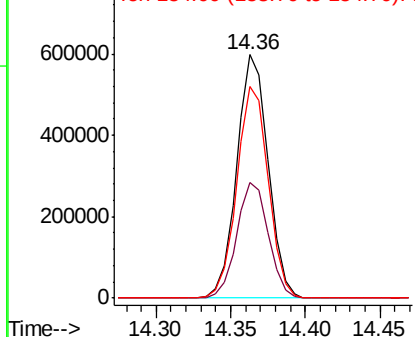


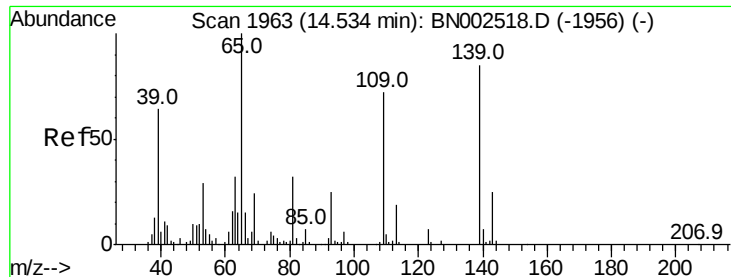
#49
 Acenaphthene
 Concen: 35.158 ng/ul
 RT: 14.36 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Tgt Ion:153 Resp: 870085
 Ion Ratio Lower Upper
 153 100
 152 47.5 38.3 57.5
 154 87.2 71.8 107.8



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: 6.290 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BN002523.D

Acq: 25 Aug 2018 04:23

Instrument :

BNA_N

ClientSampled :

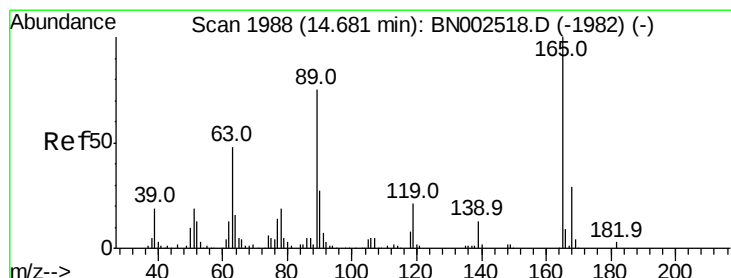
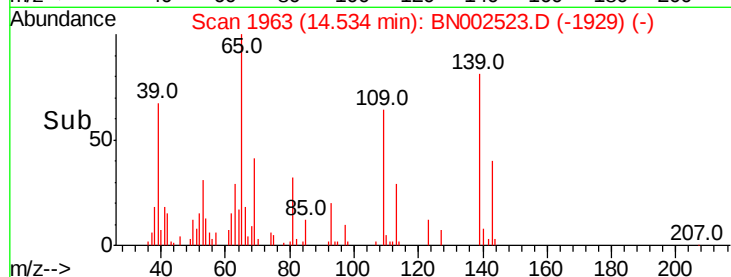
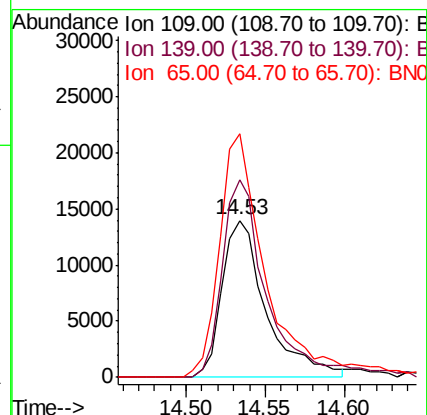
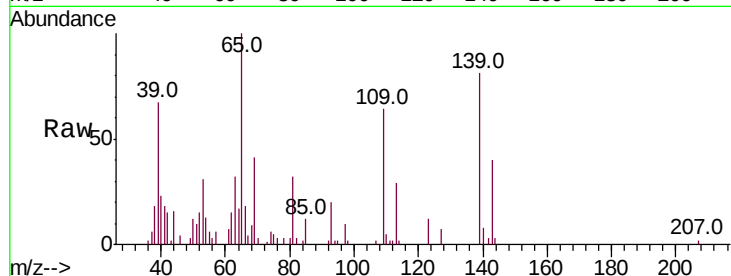
Tot Ion:109 Resp: 27070

Ion Ratio Lower Upper

109 100

139 126.4 103.7 155.5

65 155.3 89.4 134.2#



#54

2,4-Dinitrotoluene

Concen: 35.655 ng/ul

RT: 14.68 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BN002523.D

Acq: 25 Aug 2018 04:23

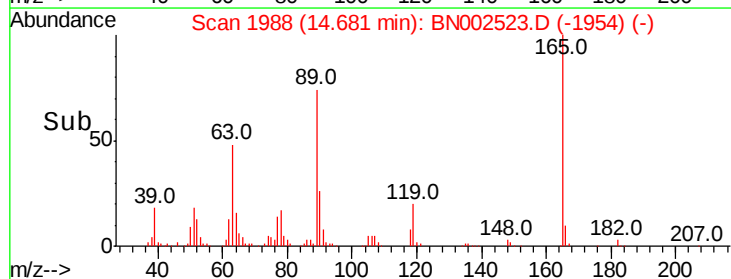
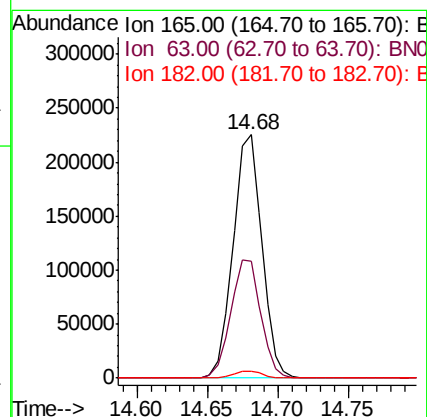
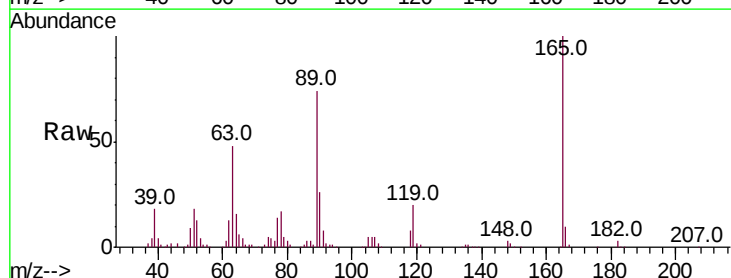
Tgt Ion:165 Resp: 319971

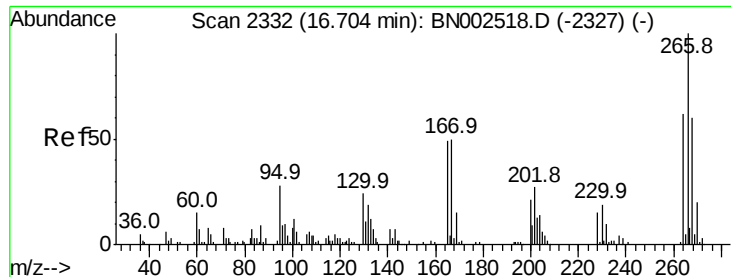
Ion Ratio Lower Upper

165 100

63 48.0 29.8 44.6#

182 2.8 2.2 3.4

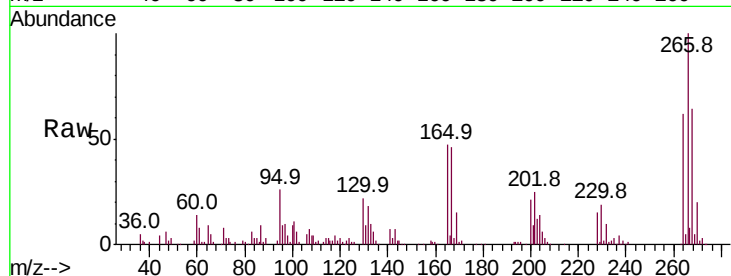




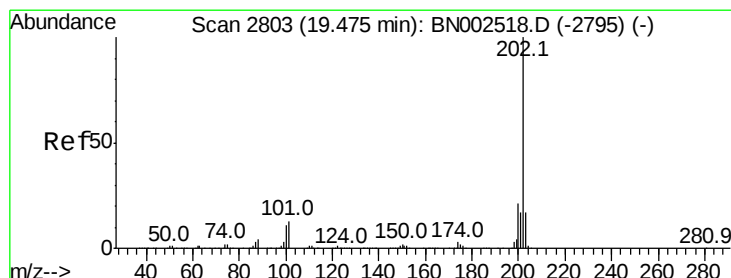
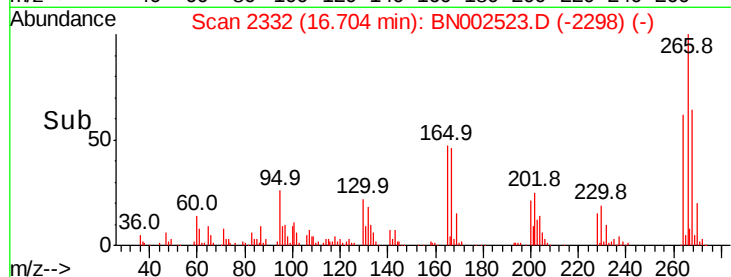
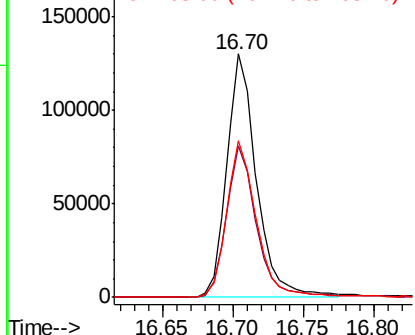
#68
 Pentachlorophenol
 Concen: 34.183 ng/ul
 RT: 16.70 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.5	75.7
268	64.4	50.9	76.3

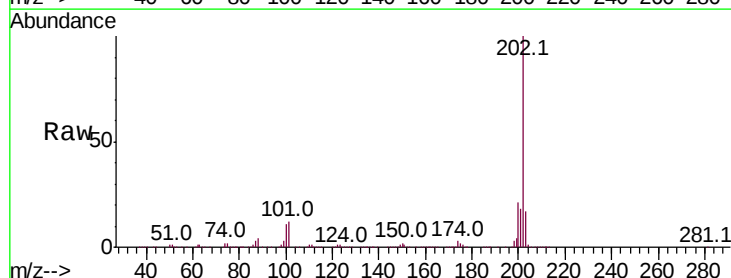


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 36.175 ng/ul
 RT: 19.48 min Scan# 2804
 Delta R.T. 0.01 min
 Lab File: BN002523.D
 Acq: 25 Aug 2018 04:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	10.5	8.5	12.7



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

