

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040120\
 Data File : BN010385.D
 Acq On : 02 Apr 2020 09:59
 Operator : CG/JU
 Sample : L2065-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBF04MSD

Quant Time: Apr 02 11:09:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040120MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 01 17:35:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	650540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	2922753	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.24	164	1948526	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	4448022	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	4919001	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	5527333	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	17107	1.24	ng/uL	0.00
5) Phenol-d5	6.79	99	415031	7.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	910145	32.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	1255903	29.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	844793	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	780752	35.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	893932	38.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	1643153	34.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	13611	0.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.65	166	5549269	37.74	ng/ul	0.00
47) Acenaphthylene-d8	13.93	160	6573450	38.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	213629	7.74	ng/ul	0.00
58) Fluorene-d10	15.23	176	4816817	37.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	928053	36.44	ng/ul	0.00
71) Anthracene-d10	17.08	188	7620261	37.31	ng/ul	0.00
79) Pyrene-d10	19.38	212	8881753	35.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	10355272	37.66	ng/ul	0.00

Target Compounds

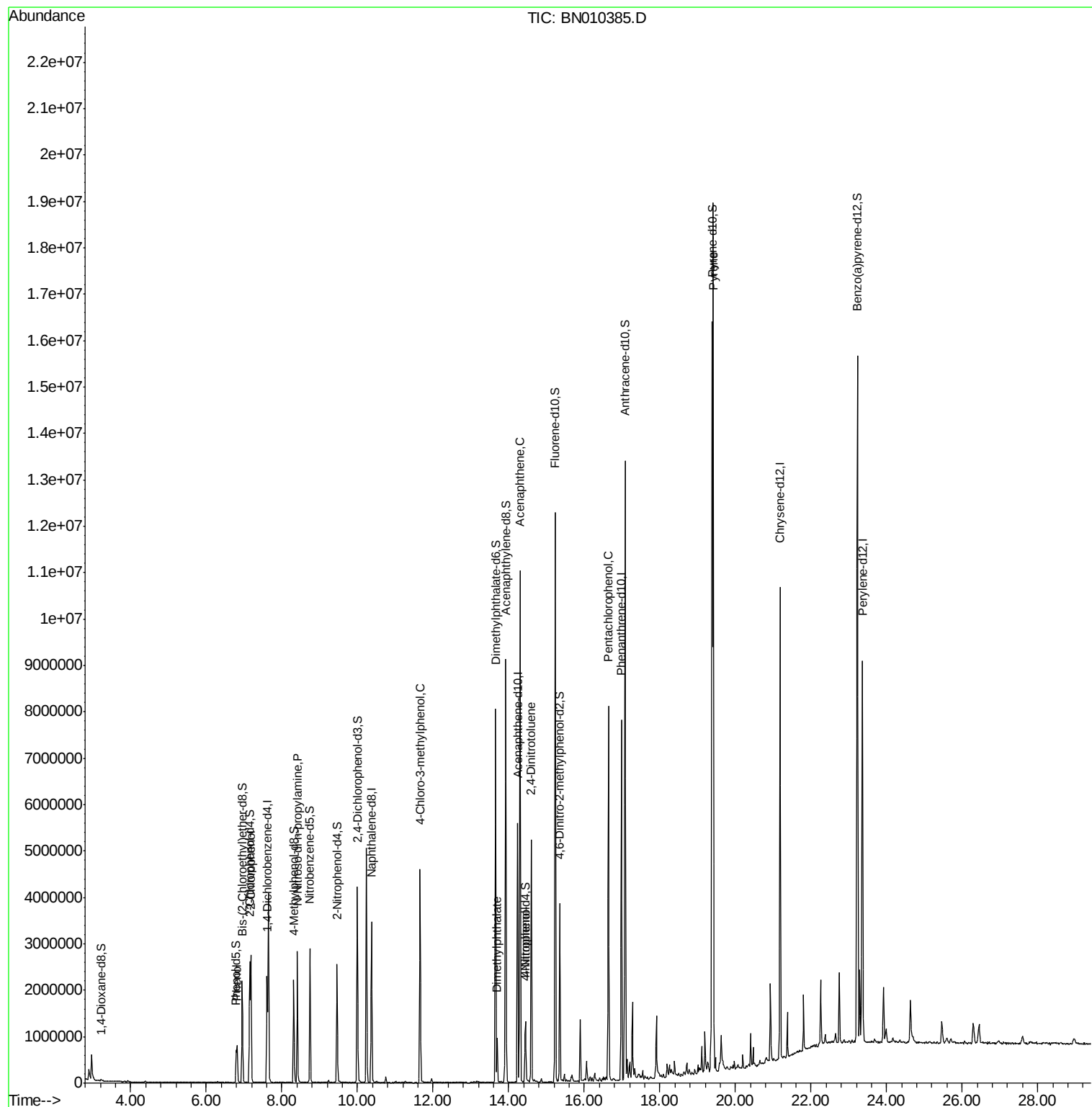
					Ovalue
6) Phenol	6.82	94	468896	8.257	ng/ul 96
10) 2-Chlorophenol	7.18	128	1298231	29.092	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.41	70	1225811	36.038	ng/ul 98
33) 4-Chloro-3-methylphenol	11.66	107	1661053	32.743	ng/ul 96
45) Dimethylphthalate	13.70	163	591215	3.894	ng/ul 98
50) Acenaphthene	14.30	153	4543327	35.694	ng/ul 99
53) 4-Nitrophenol	14.45	109	200555	9.085	ng/ul 97
55) 2,4-Dinitrotoluene	14.60	165	1673776	38.219	ng/ul 100
69) Pentachlorophenol	16.64	266	1321487	40.687	ng/ul 95
80) Pyrene	19.42	202	11174109	33.973	ng/ul 97

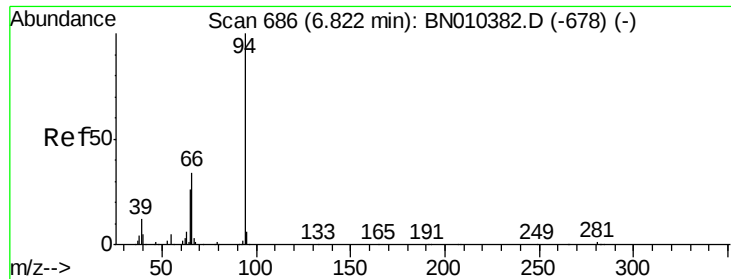
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 01 17:35:00 2020
Response via : Initial Calibration





#6

Phenol

Concen: 8.257 ng/ul

RT: 6.82 min Scan# 685

Delta R.T. -0.01 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

Instrument :

BNA_N

ClientSampleId :

DBF04MSD

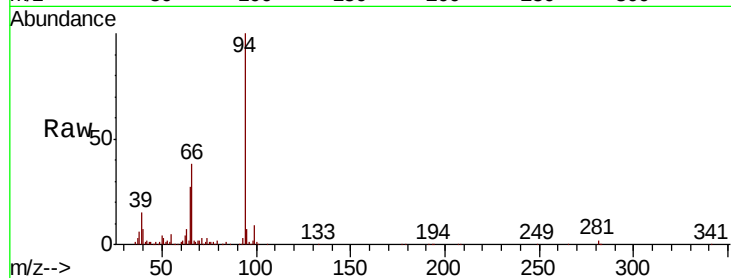
Tot Ion: 94 Resp: 468896

Ion Ratio Lower Upper

94 100

65 26.6 20.1 30.1

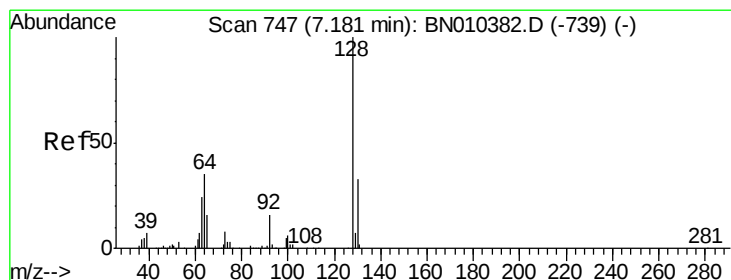
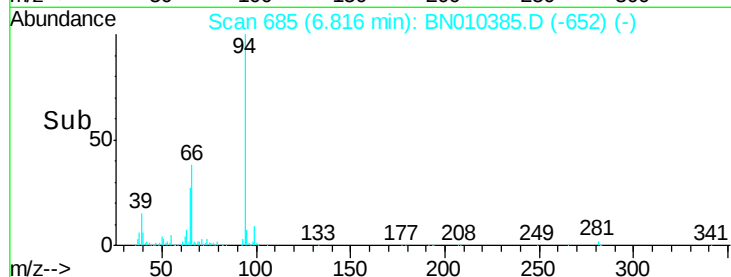
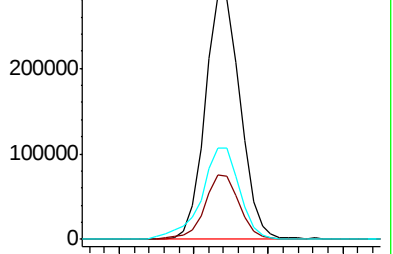
66 37.7 27.7 41.5



Abundance Ion 94.00 (93.70 to 94.70): BN010382.D (-678) (-)

Ion 65.00 (64.70 to 65.70): BN010382.D (-678) (-)

Ion 66.00 (65.70 to 66.70): BN010382.D (-678) (-)



#10

2-Chlorophenol

Concen: 29.092 ng/ul

RT: 7.18 min Scan# 747

Delta R.T. -0.01 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

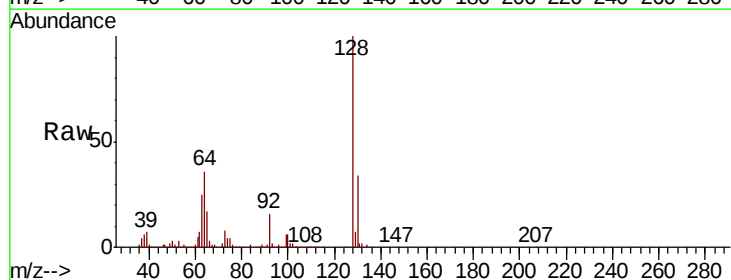
Tgt Ion: 128 Resp: 1298231

Ion Ratio Lower Upper

128 100

64 36.2 27.7 41.5

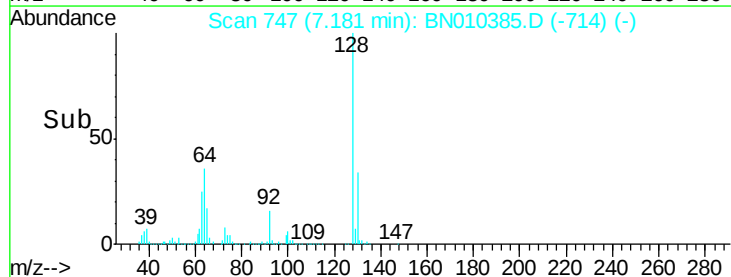
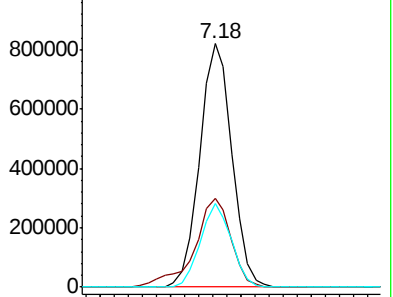
130 34.4 25.0 37.6

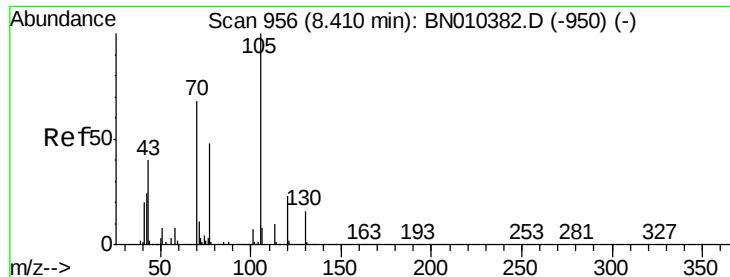


Abundance Ion 128.00 (127.70 to 128.70): BN010382.D (-739) (-)

Ion 64.00 (63.70 to 64.70): BN010382.D (-739) (-)

Ion 130.00 (129.70 to 130.70): BN010382.D (-739) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 36.038 ng/ul

RT: 8.41 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

Instrument :

BNA_N

ClientSampleId :

DBF04MSD

Tot Ion: 70 Resp: 1225811

Ion	Ratio	Lower	Upper
70	100		
42	34.4	28.5	42.7
101	10.7	8.9	13.3
130	24.0	17.9	26.9

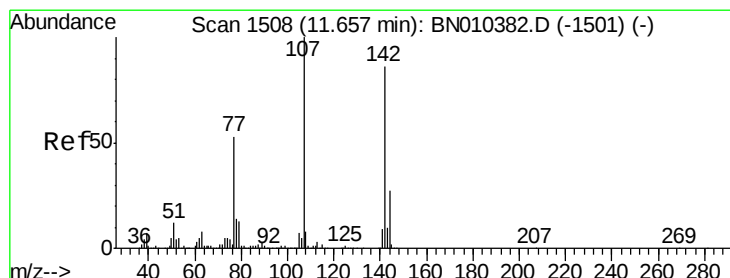
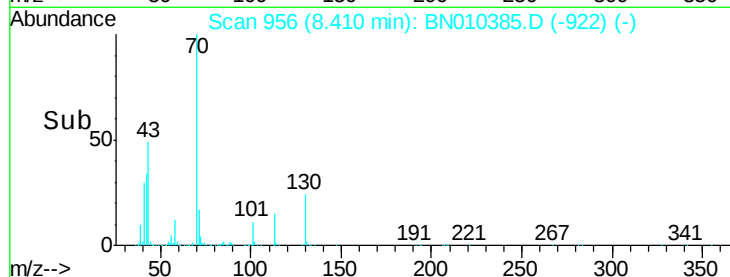
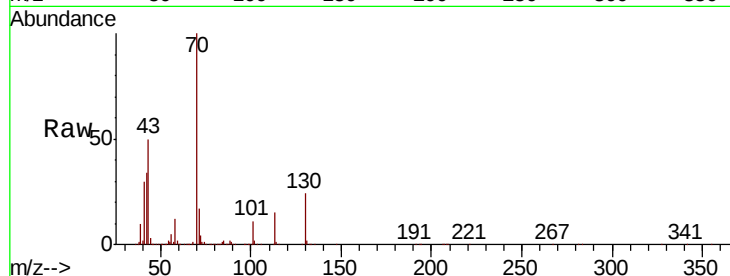
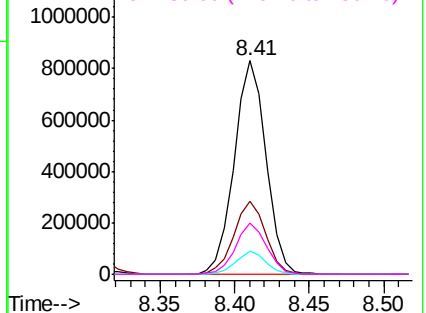
Abundance

Ion 70.00 (69.70 to 70.70): BN010382.D (-950) (-)

Ion 42.00 (41.70 to 42.70): BN010382.D (-950) (-)

Ion 101.00 (100.70 to 101.70): BN010382.D (-950) (-)

Ion 130.00 (129.70 to 130.70): BN010382.D (-950) (-)



#33

4-Chloro-3-methylphenol

Concen: 32.743 ng/ul

RT: 11.66 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

Tgt Ion: 107 Resp: 1661053

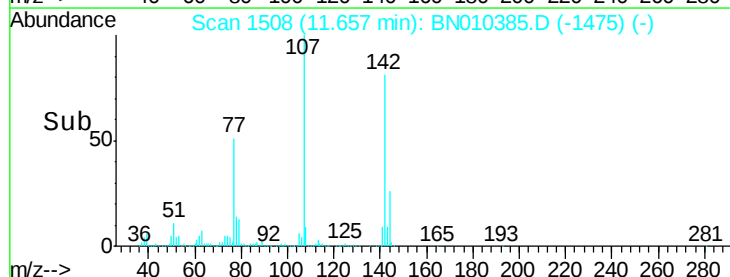
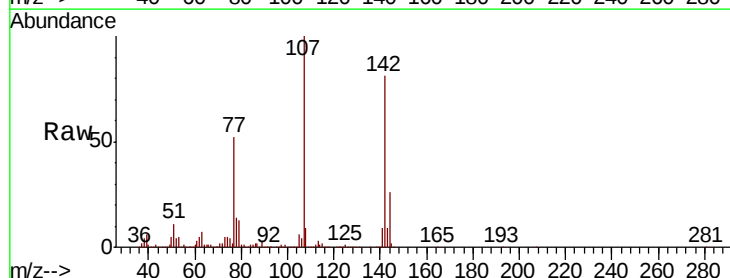
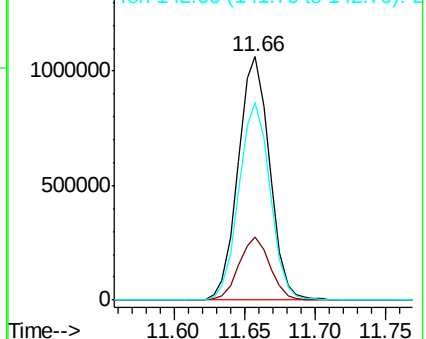
Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.3	31.9
142	81.3	68.9	103.3

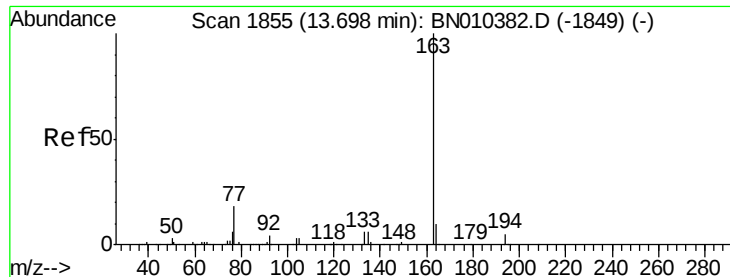
Abundance

Ion 107.00 (106.70 to 107.70): BN010382.D (-1501) (-)

Ion 144.00 (143.70 to 144.70): BN010382.D (-1501) (-)

Ion 142.00 (141.70 to 142.70): BN010382.D (-1501) (-)

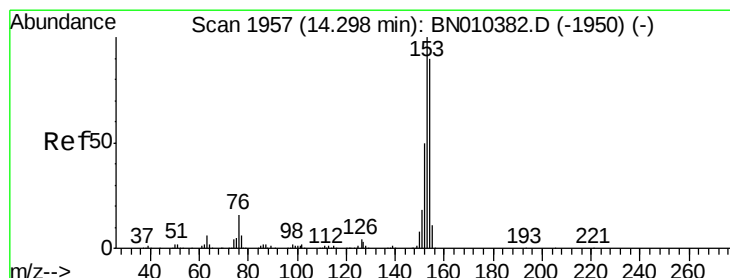
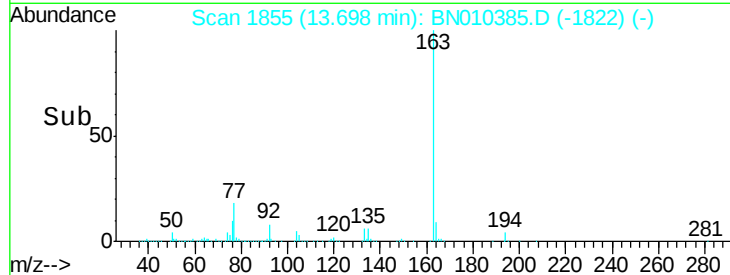
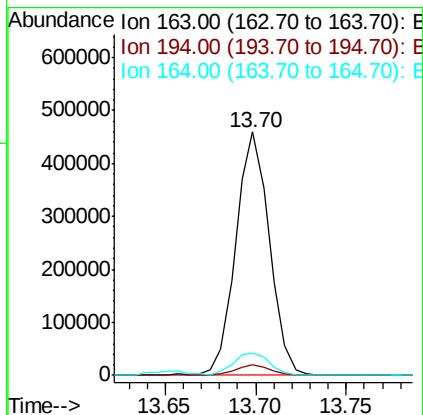
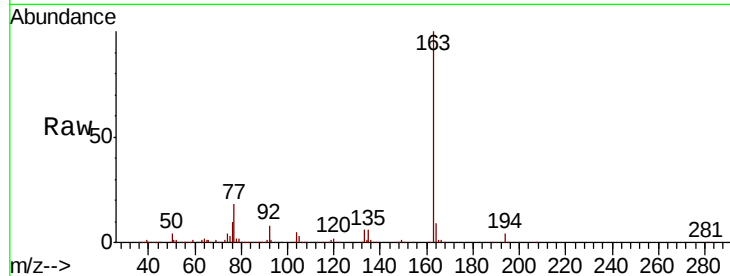




#45
Dimethylphthalate
Concen: 3.894 ng/ul
RT: 13.70 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BN010385.D
Acq: 02 Apr 2020 09:59

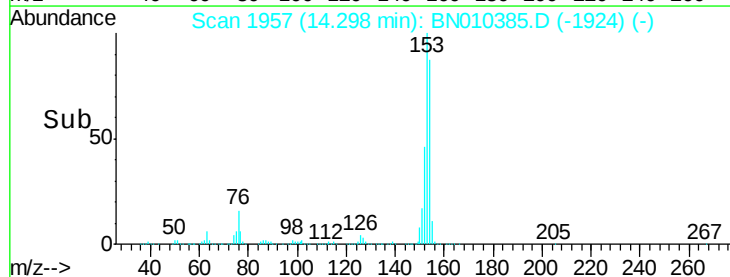
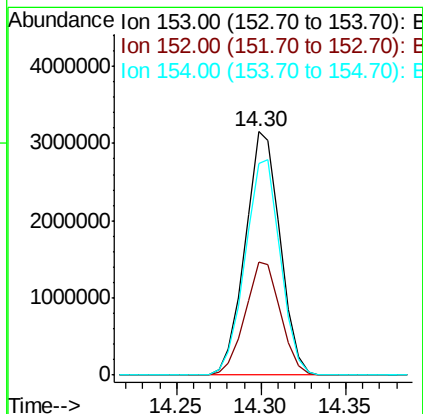
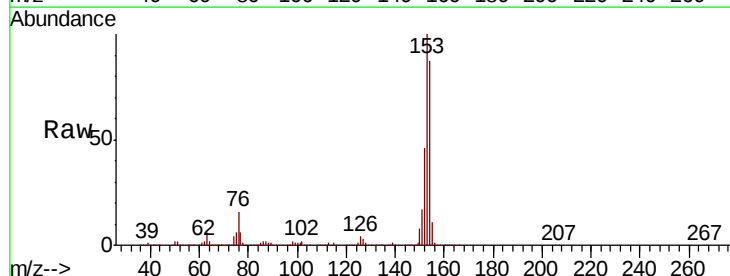
Instrument :
BNA_N
ClientSampleId :
DBF04MSD

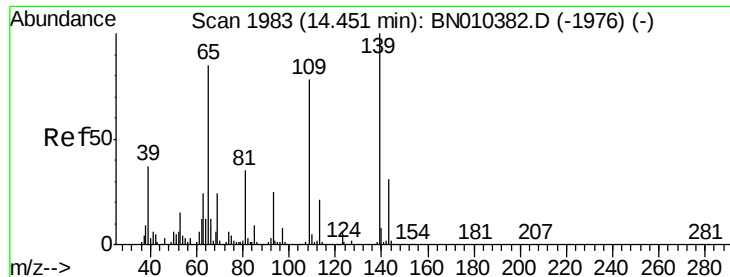
Tot Ion:163 Resp: 591215
Ion Ratio Lower Upper
163 100
194 4.3 3.7 5.5
164 9.3 8.0 12.0



#50
Acenaphthene
Concen: 35.694 ng/ul
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BN010385.D
Acq: 02 Apr 2020 09:59

Tgt Ion:153 Resp: 4543327
Ion Ratio Lower Upper
153 100
152 46.4 37.8 56.6
154 86.8 69.1 103.7





#53

4-Nitrophenol

Concen: 9.085 ng/ul

RT: 14.45 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

Instrument :

BNA_N

ClientSampleId :

DBF04MSD

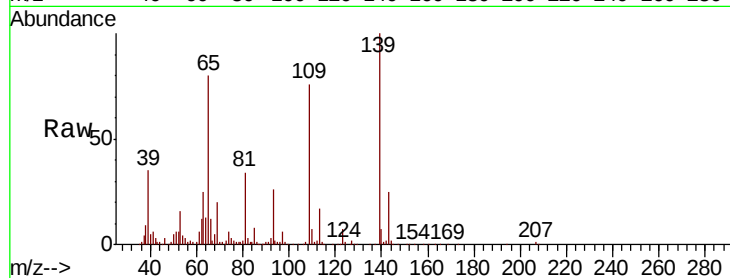
Tot Ion:109 Resp: 200555

Ion Ratio Lower Upper

109 100

139 131.3 106.1 159.1

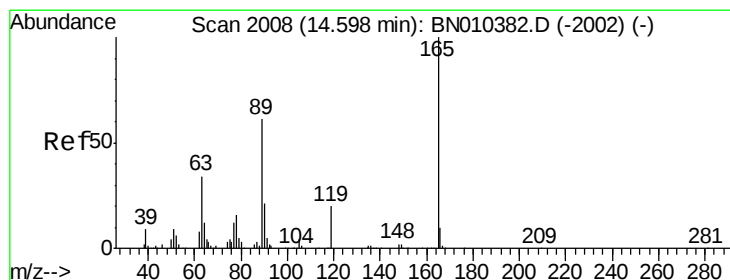
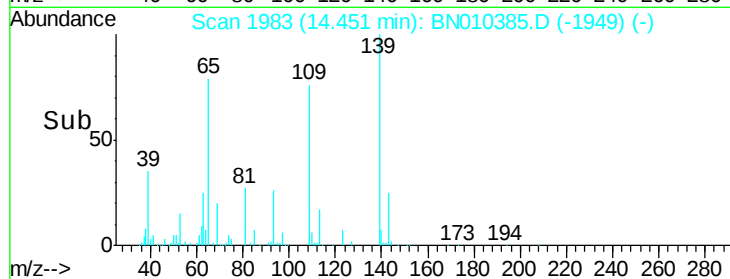
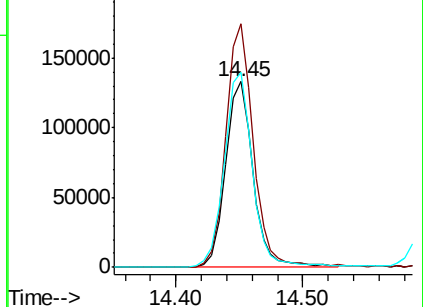
65 105.3 89.0 133.6



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



#55

2,4-Dinitrotoluene

Concen: 38.219 ng/ul

RT: 14.60 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

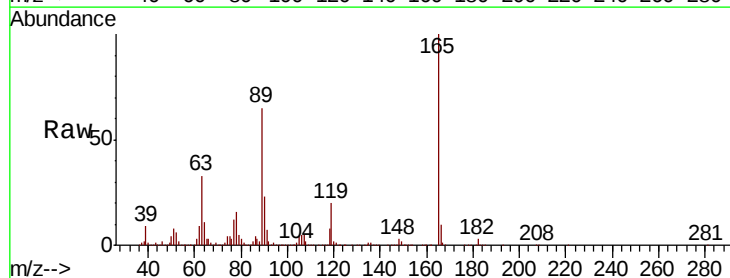
Tgt Ion:165 Resp: 1673776

Ion Ratio Lower Upper

165 100

63 33.3 26.5 39.7

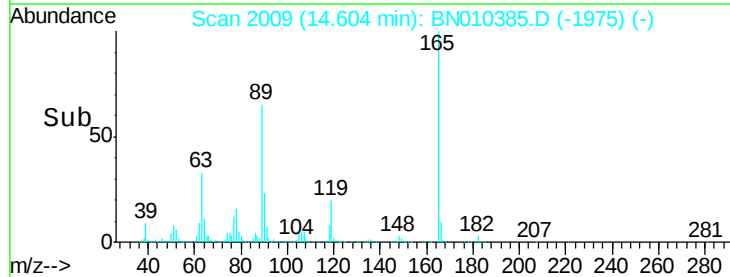
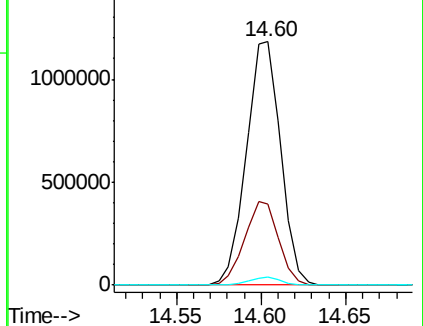
182 3.2 2.6 3.8

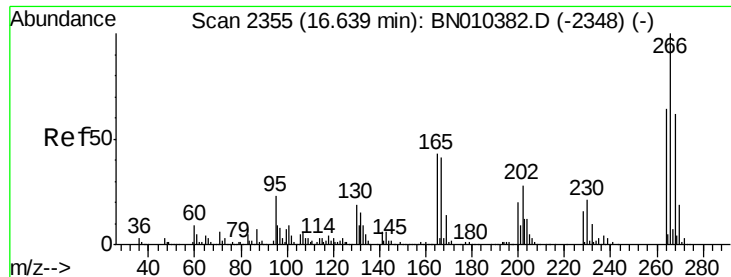


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 182.00 (181.70 to 182.70): E





#69

Pentachlorophenol

Concen: 40.687 ng/ul

RT: 16.64 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BN010385.D

Acq: 02 Apr 2020 09:59

Instrument :

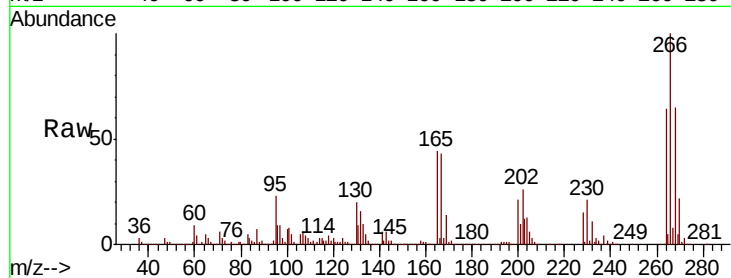
BNA_N

ClientSampleId :

DBF04MSD

Tot Ion:266 Resp: 1321487

Ion	Ratio	Lower	Upper
266	100		
264	63.9	48.7	73.1
268	64.7	47.8	71.6

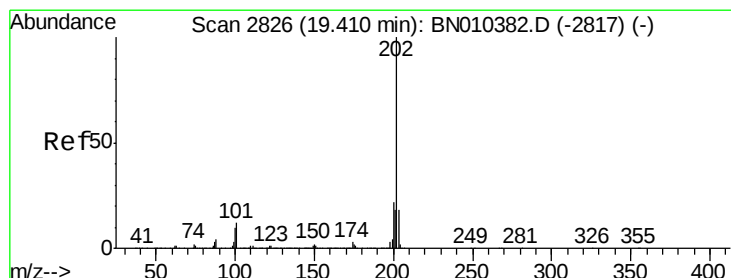
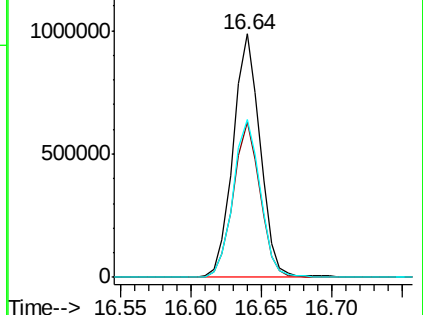
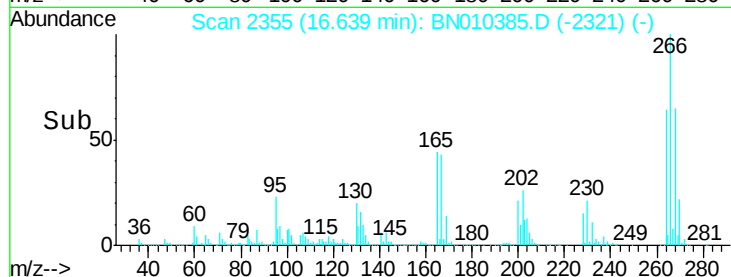


Abundance

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: 33.973 ng/ul

RT: 19.42 min Scan# 2827

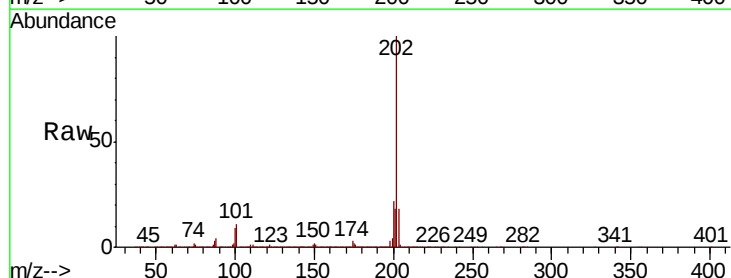
Delta R.T. 0.01 min

Lab File: BN010385.D

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Tgt Ion:202 Resp:11174109

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.6	14.4
100	8.9	8.1	12.1



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

