

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
 Data File : BN002385.D
 Acq On : 17 Aug 2018 19:01
 Operator : JU/SJ
 Sample : J4424-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 A3YR7MSD

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:14:08 PM

Quant Time: Aug 18 04:05:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 18 03:20:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	165007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	811926	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	510690	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1193348	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1297009	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1401222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	14035	4.02	ng/uL	0.00
5) Phenol-d5	6.86	99	320827	21.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	218104	22.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	261230	22.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	268267	22.18	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	147672	22.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	156582	23.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	266384	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	407135	30.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	1046085	24.71	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1254269	24.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	153265m	19.15	ng/ul	0.00
57) Fluorene-d10	15.30	176	872908	23.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	138764	18.26	ng/ul	0.00
70) Anthracene-d10	17.15	188	1409336	24.72	ng/ul	0.00
78) Pyrene-d10	19.46	212	1633173	26.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1733912	23.66	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.88	94	337015	21.873	ng/ul	95
10) 2-Chlorophenol	7.25	128	264799	22.823	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.48	70	273875	26.841	ng/ul#	84
33) 4-Chloro-3-methylphenol	11.74	107	331637	23.832	ng/ul	99
44) Dimethylphthalate	13.77	163	133455	3.214	ng/ul	99
49) Acenaphthene	14.37	153	846431	24.267	ng/ul	99
52) 4-Nitrophenol	14.53	109	130493	21.514	ng/ul#	85
54) 2,4-Dinitrotoluene	14.69	165	315797	24.968	ng/ul	89
68) Pentachlorophenol	16.71	266	169590	22.299	ng/ul	96
79) Pyrene	19.49	202	2105316	26.920	ng/ul	99

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

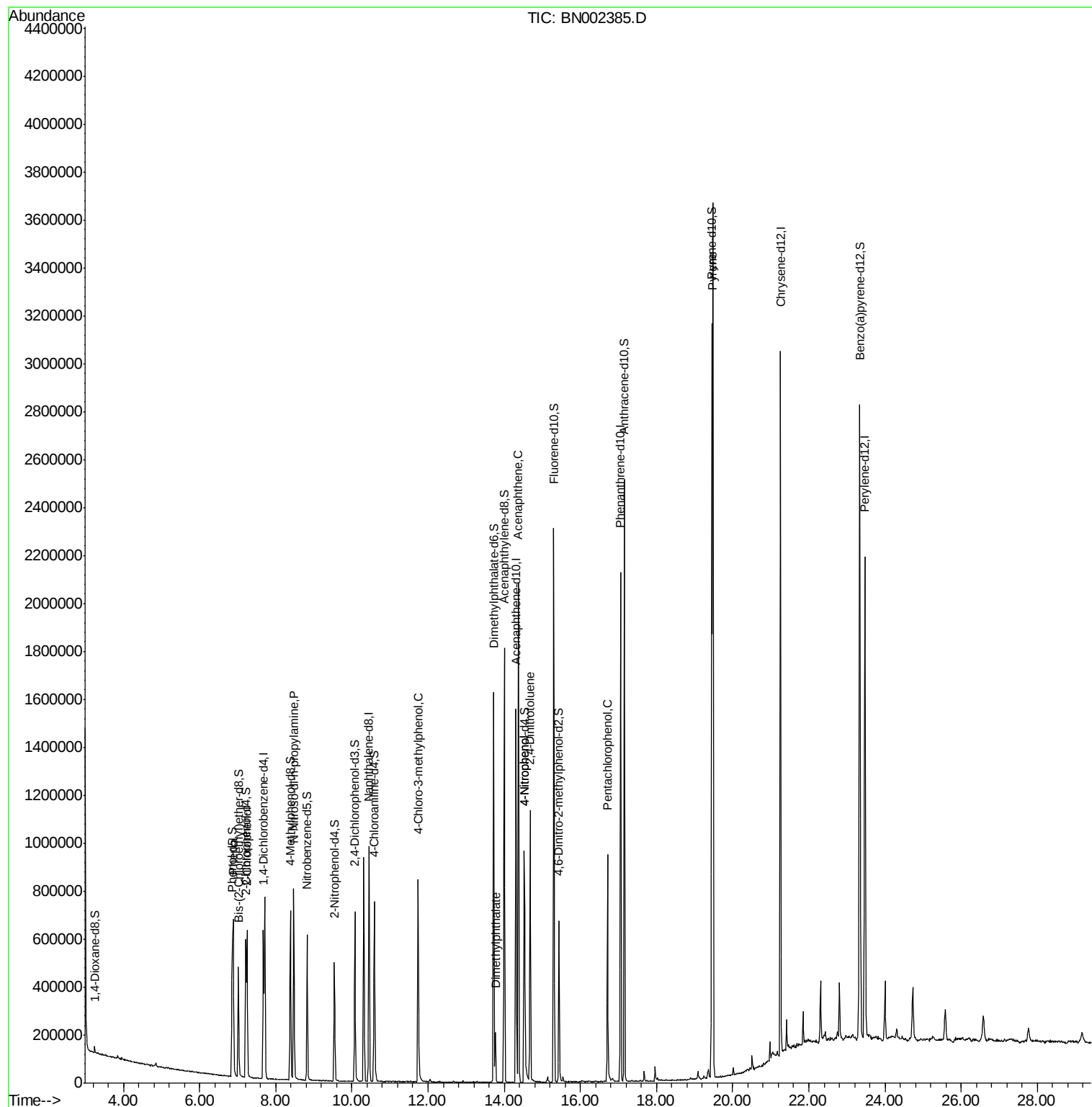
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002385.D
Acq On : 17 Aug 2018 19:01
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Sample : J4424-09MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

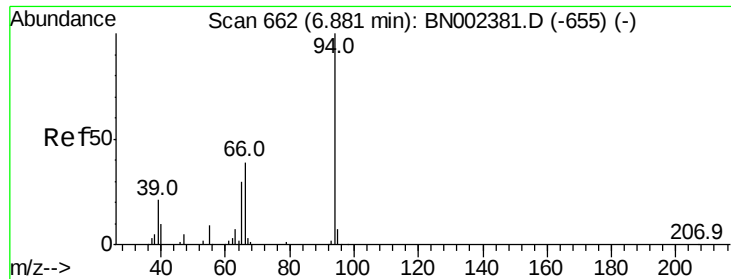
Instrument :
BNA_N
ClientSampleId :
A3YR7MSD

Manual Integrations
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Quant Time: Aug 18 04:05:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 03:20:23 2018
Response via : Initial Calibration





#6

Phenol

Concen: 21.873 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Instrument :

BNA_N

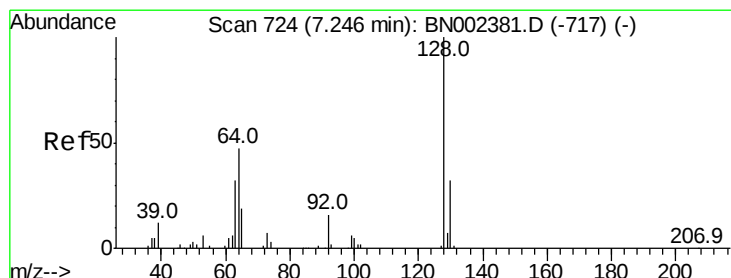
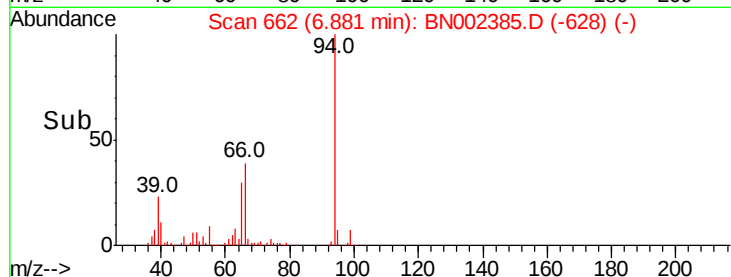
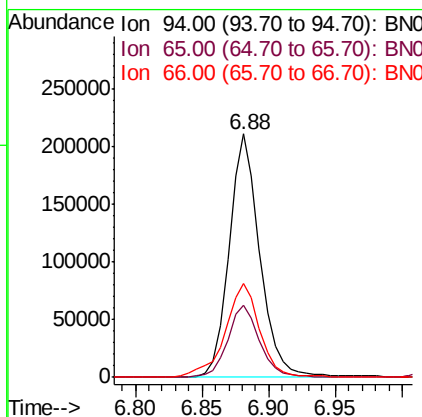
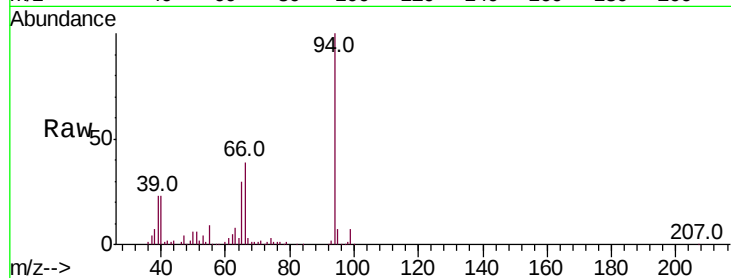
ClientSampled :

A3YR7MSD

Tot Ion	94	Resp	337015
Ion Ratio	Lower	Upper	
94	100		
65	29.6	21.0	31.6
66	38.6	29.3	43.9

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#10

2-Chlorophenol

Concen: 22.823 ng/ul

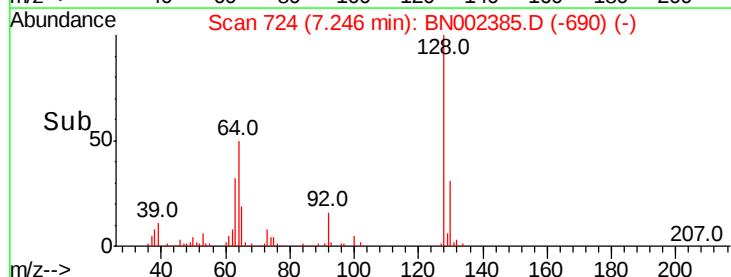
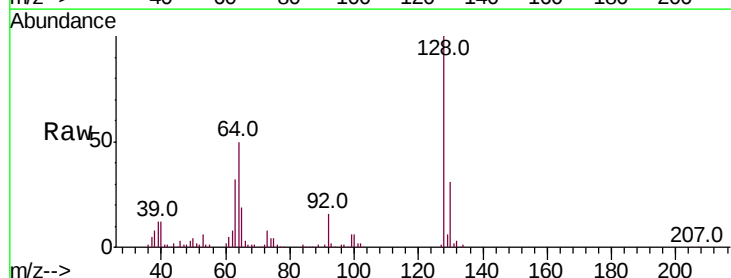
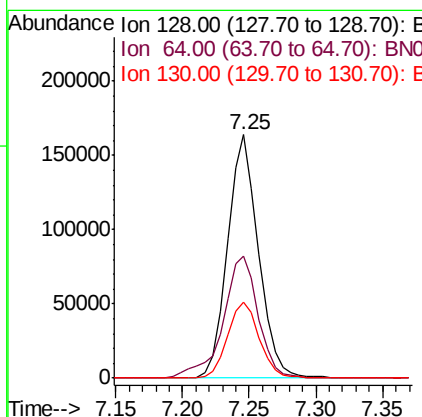
RT: 7.25 min Scan# 724

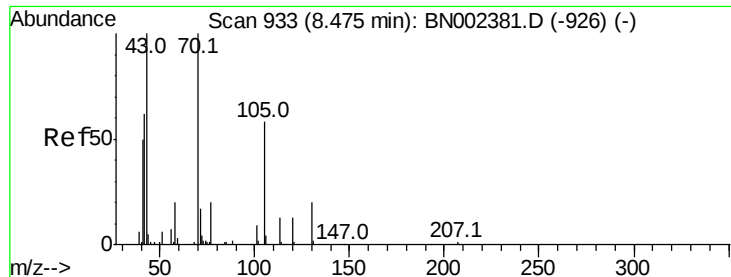
Delta R.T. 0.00 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Tgt Ion	128	Resp	264799
Ion Ratio	Lower	Upper	
128	100		
64	50.0	31.9	47.9#
130	31.2	25.6	38.4





#15

N-Nitroso-di-n-propylamine

Concen: 26.841 ng/ul

RT: 8.48 min Scan# 933

Delta R.T. 0.00 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Instrument :

BNA_N

ClientSampled :

A3YR7MSD

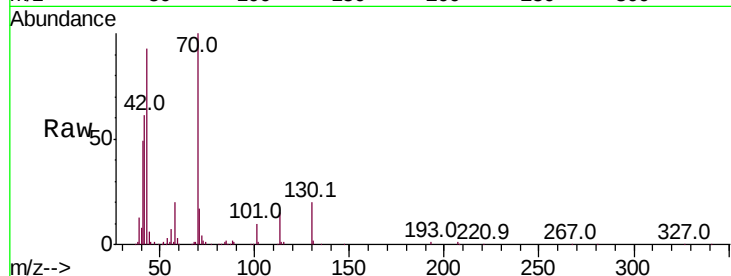
Tot Ion: 70 Resp: 273875
Ion Ratio Lower Upper

70	100		
42	60.7	35.4	53.0#
101	10.4	8.4	12.6
130	20.4	18.2	27.4

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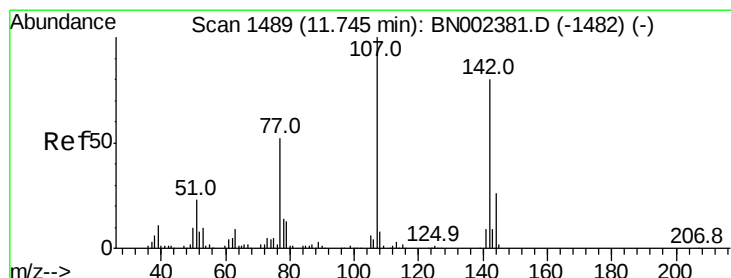
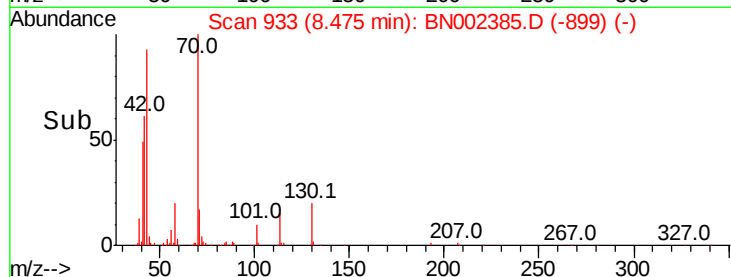
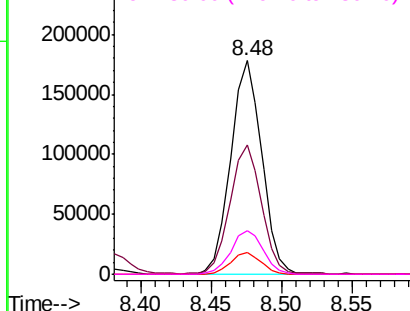
Abundance

Ion 70.00 (69.70 to 70.70): BN002381.D (-926) (-)

Ion 42.00 (41.70 to 42.70): BN002381.D (-926) (-)

Ion 101.00 (100.70 to 101.70): BN002381.D (-926) (-)

Ion 130.00 (129.70 to 130.70): BN002381.D (-926) (-)



#33

4-Chloro-3-methylphenol

Concen: 23.832 ng/ul

RT: 11.74 min Scan# 1488

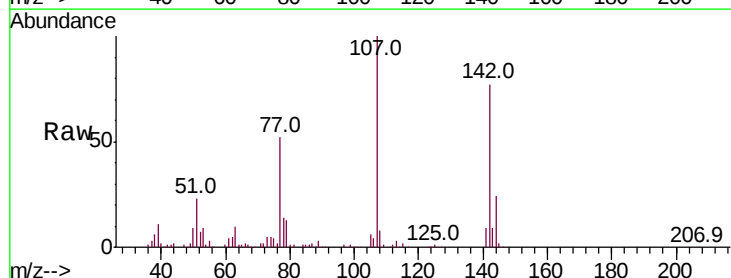
Delta R.T. -0.01 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Tgt Ion: 107 Resp: 331637
Ion Ratio Lower Upper

107	100		
144	24.4	20.4	30.6
142	77.3	62.5	93.7

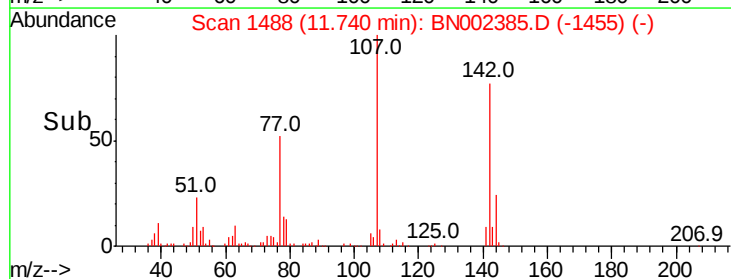
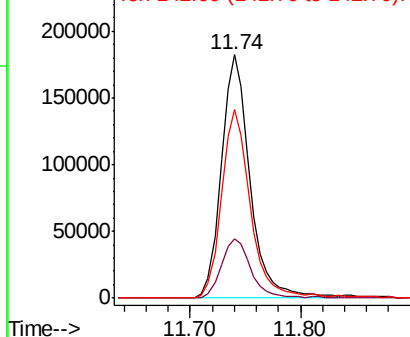


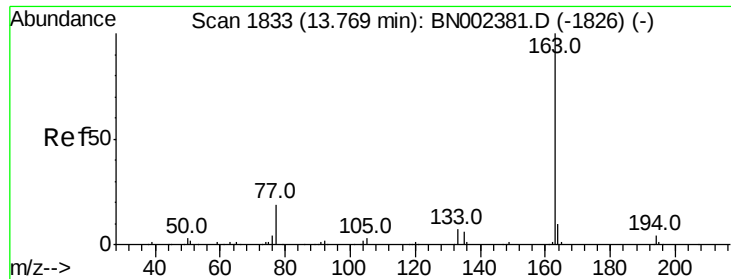
Abundance

Ion 107.00 (106.70 to 107.70): BN002381.D (-1482) (-)

Ion 144.00 (143.70 to 144.70): BN002381.D (-1482) (-)

Ion 142.00 (141.70 to 142.70): BN002381.D (-1482) (-)





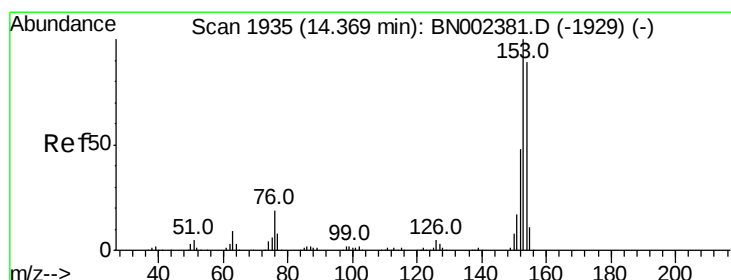
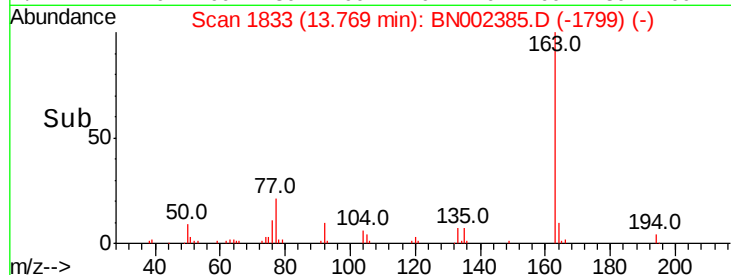
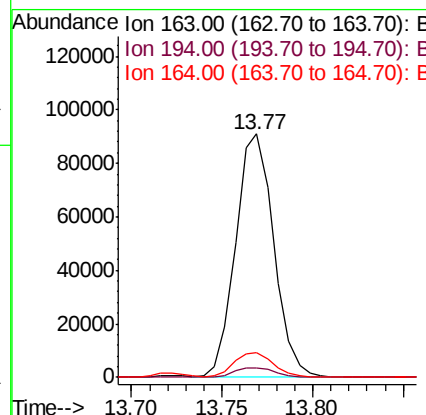
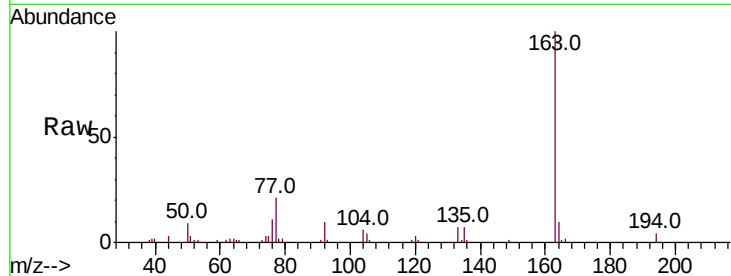
#44
Dimethylphthalate
Concen: 3.214 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BN002385.D
Acq: 17 Aug 2018 19:01

Instrument :
BNA_N
ClientSampleId :
A3YR7MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	133455		
194	3.8		3.2	4.8
164	10.2		7.8	11.8

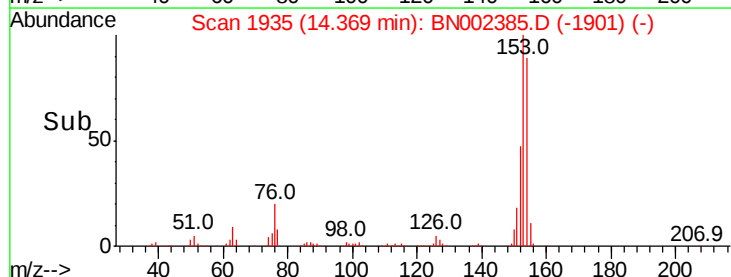
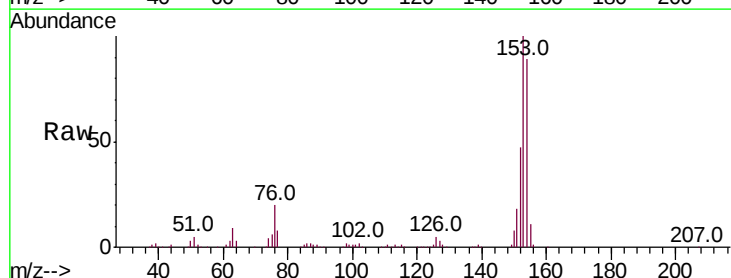
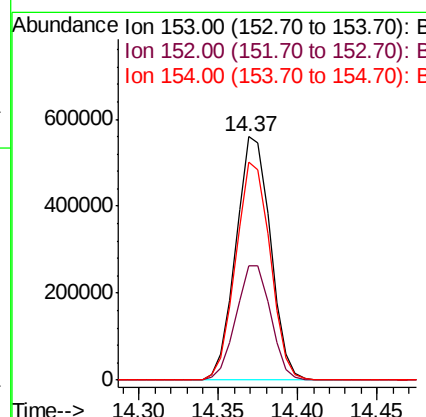
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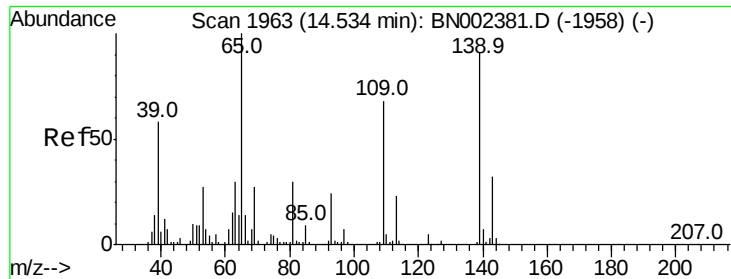
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#49
Acenaphthene
Concen: 24.267 ng/ul
RT: 14.37 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BN002385.D
Acq: 17 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	846431		
152	47.0		38.3	57.5
154	89.3		71.8	107.8





#52

4-Nitrophenol

Concen: 21.514 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Instrument :

BNA_N

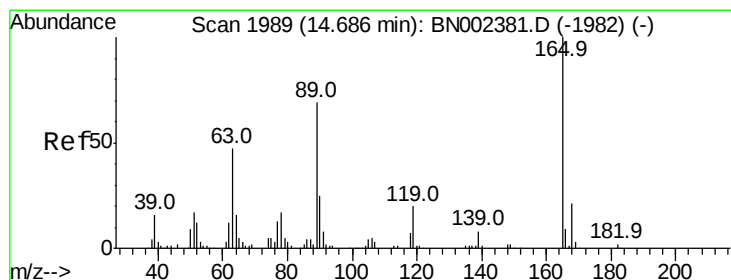
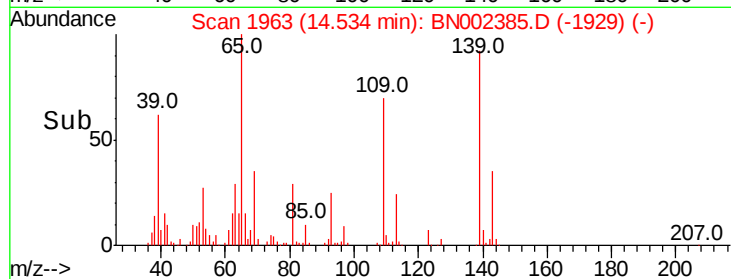
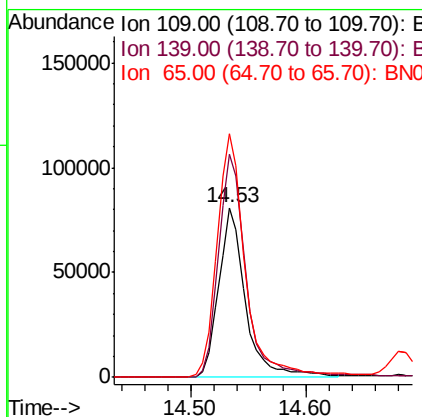
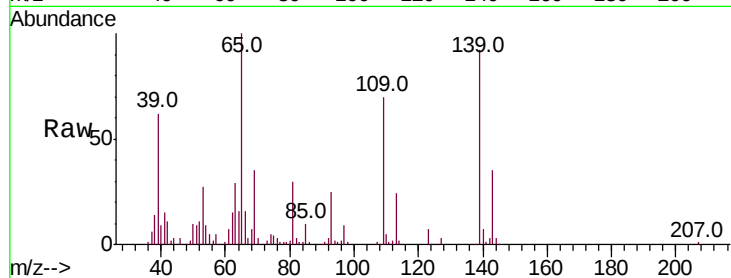
ClientSampleId :

A3YR7MSD

Tot Ion	Ratio	Resp	Lower	Upper
109	100			
139	131.5	103.7	155.5	
65	143.7	89.4	134.2	

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#54

2,4-Dinitrotoluene

Concen: 24.968 ng/ul

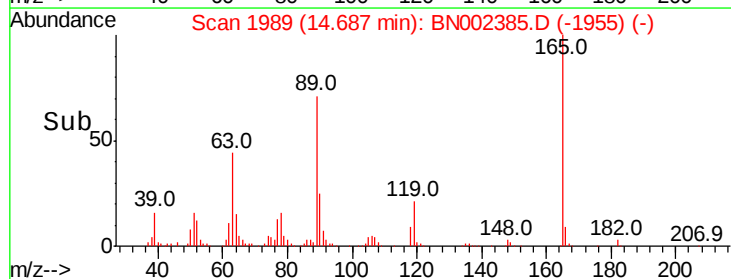
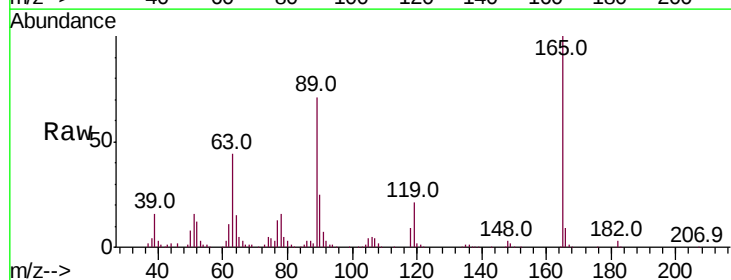
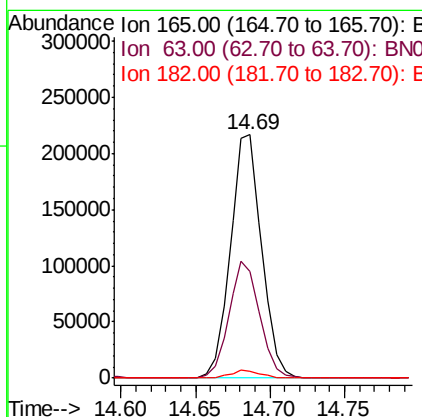
RT: 14.69 min Scan# 1989

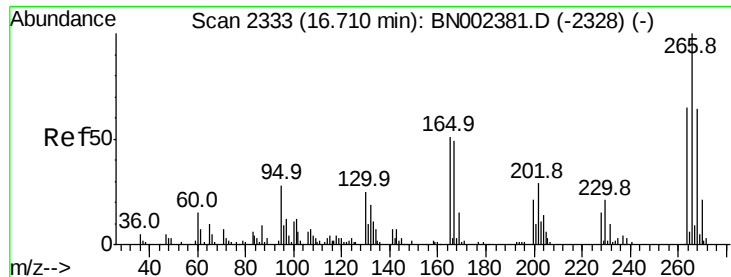
Delta R.T. 0.00 min

Lab File: BN002385.D

Acq: 17 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.1	29.8	44.6	
182	2.9	2.2	3.4	





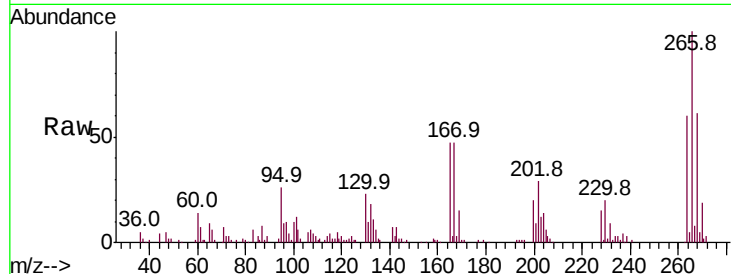
#68
 Pentachlorophenol
 Concen: 22.299 ng/ul
 RT: 16.71 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BN002385.D
 Acq: 17 Aug 2018 19:01

Instrument :
 BNA_N
 ClientSampled :
 A3YR7MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	169590		
264	59.5	50.5	75.7	
268	61.2	50.9	76.3	

Manual Integrations
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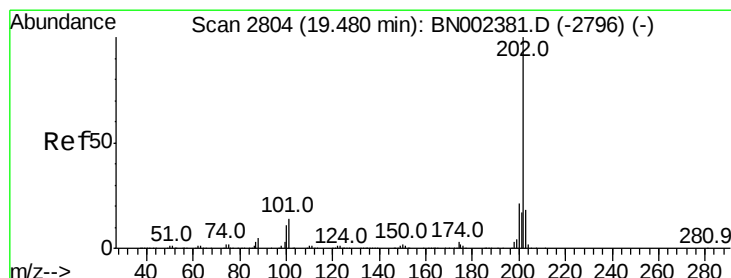
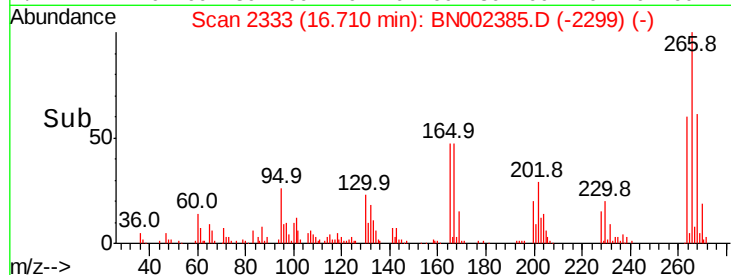
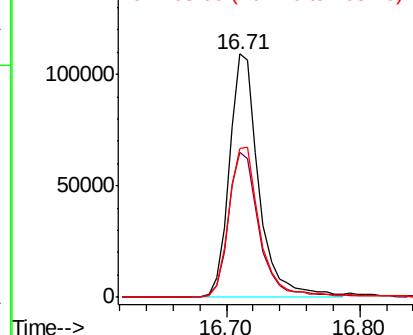


Abundance

Ion 265.70 (265.40 to 266.40): E

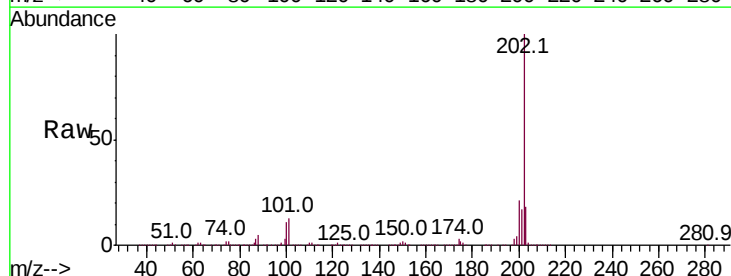
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#79
 Pyrene
 Concen: 26.920 ng/ul
 RT: 19.49 min Scan# 2805
 Delta R.T. 0.01 min
 Lab File: BN002385.D
 Acq: 17 Aug 2018 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2105316		
101	13.2	10.2	15.2	
100	10.9	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

