

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021522.D
 Acq On : 18 Jul 2019 12:24
 Operator : HP/JU
 Sample : K3760-16MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MSD

Manual Integrations
 APPROVED

mohammad
 7/19/2019 4:01:18 PM

Quant Time: Jul 18 18:09:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 02:48:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	191246	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.50	136	744066	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.36	164	406415	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	891512	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	861959	20.00	ng/ul	-0.01
85) Perylene-d12	23.56	264	1003838	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	10287	2.65	ng/uL	0.00
5) Phenol-d5	6.89	99	195643	13.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	126145	14.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	179242	14.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	142600	12.04	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	87947	14.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	93177	13.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	181445	13.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	12714m	1.02	ng/ul	0.01
43) Dimethylphthalate-d6	13.78	166	527215	14.81	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	625746	14.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	31810	5.64	ng/ul	0.00
57) Fluorene-d10	15.36	176	459209	14.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	48512	8.09	ng/ul	0.00
70) Anthracene-d10	17.21	188	655898	14.16	ng/ul	0.00
78) Pyrene-d10	19.51	212	756866	16.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.41	264	833057	14.43	ng/ul	-0.02

Target Compounds

					Ovalue
6) Phenol	6.92	94	196470	13.804	ng/ul 99
10) 2-Chlorophenol	7.29	128	177628	14.440	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.52	70	134847	15.074	ng/ul 96
33) 4-Chloro-3-methylphenol	11.80	107	160745	13.658	ng/ul 99
44) Dimethylphthalate	13.83	163	37834	1.141	ng/ul 100
49) Acenaphthene	14.43	153	447583	15.842	ng/ul 98
52) 4-Nitrophenol	14.60	109	32188	7.661	ng/ul 90
54) 2,4-Dinitrotoluene	14.75	165	117074	12.647	ng/ul 97
68) Pentachlorophenol	16.77	266	101735	14.717	ng/ul 98
79) Pyrene	19.54	202	965699	16.928	ng/ul 98

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

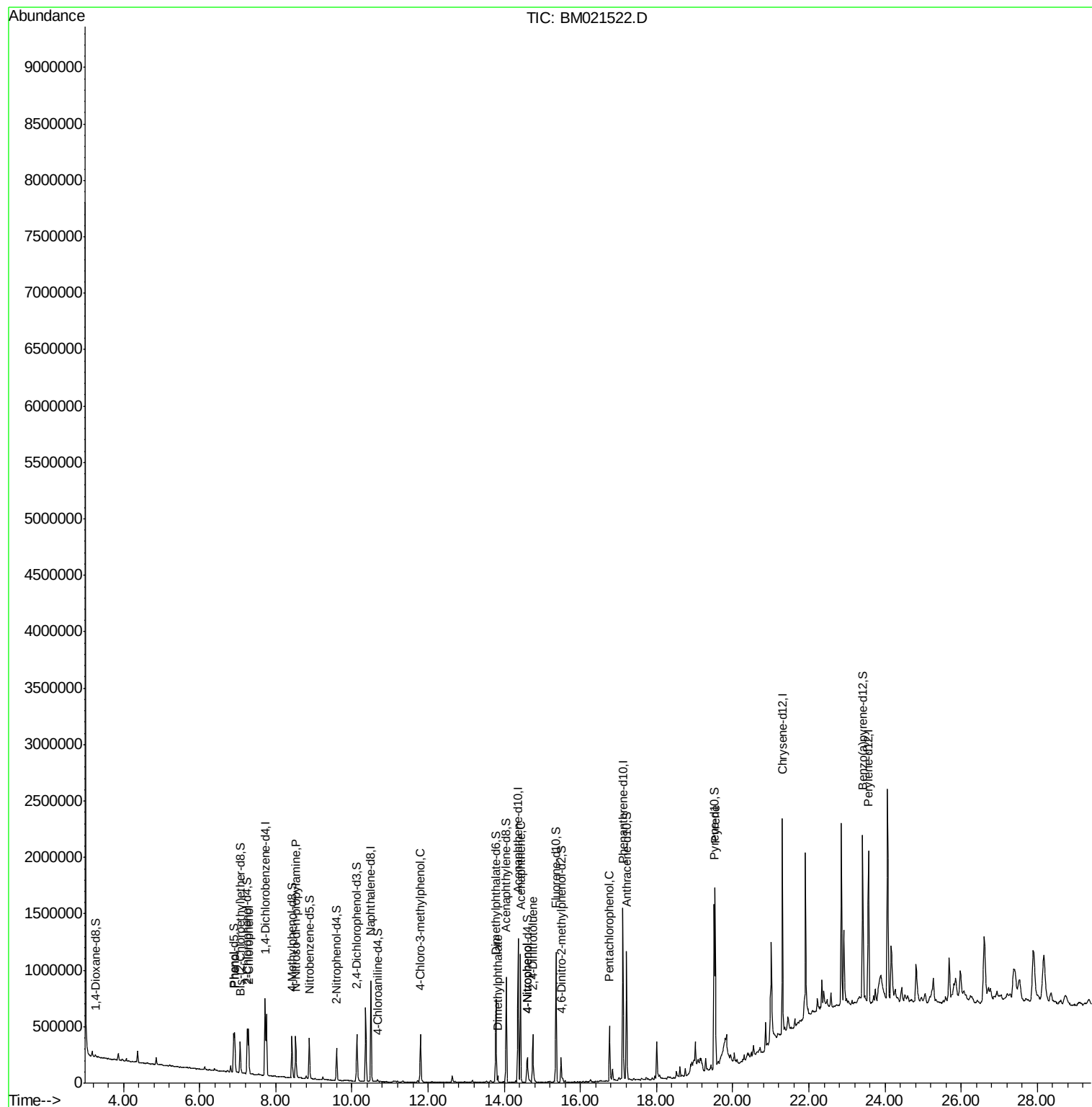
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
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ALS Vial : 36 Sample Multiplier: 1

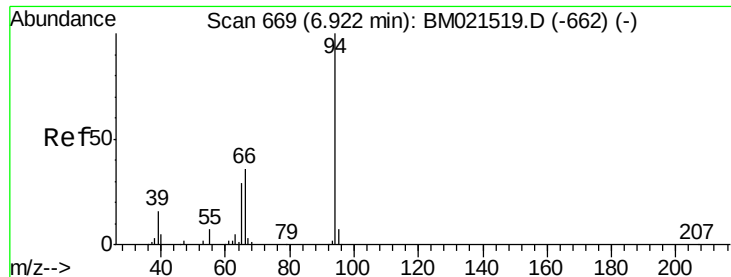
Instrument :
BNA_M
ClientSampleId :
DB8Z4MSD

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Quant Time: Jul 18 18:09:51 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 02:48:00 2019
Response via : Initial Calibration





#6

Phenol

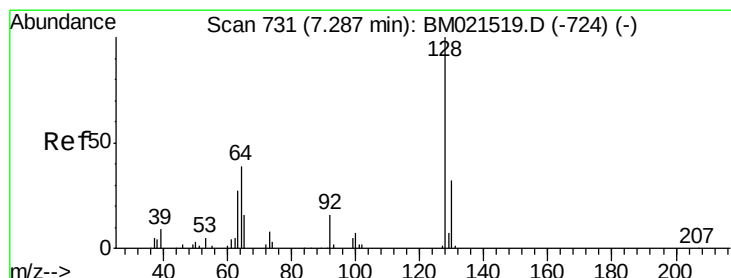
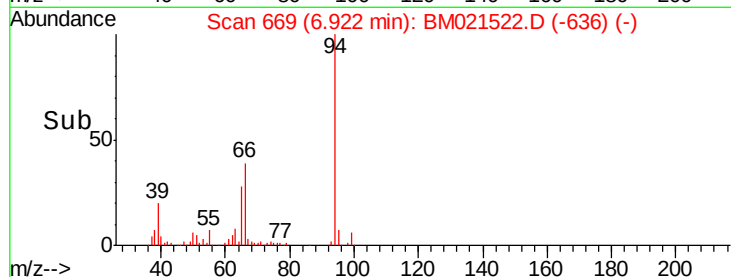
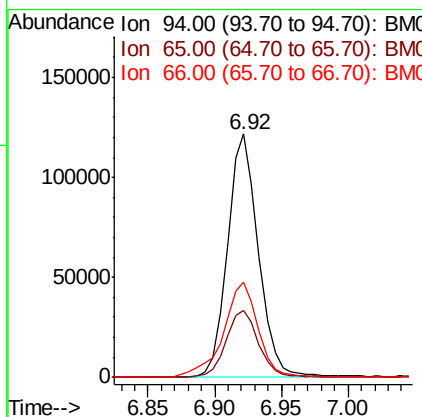
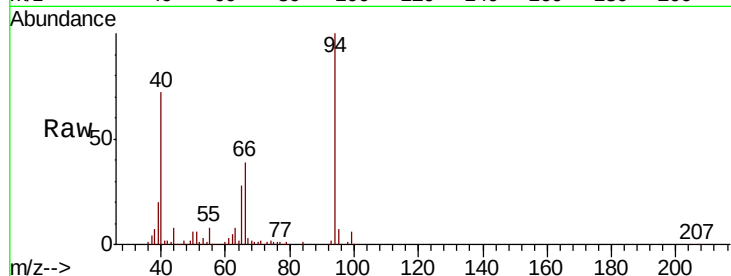
Concen: 13.804 ng/ul
 RT: 6.92 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	27.6	23.0	34.6
66	39.0	31.6	47.4

Manual Integrations
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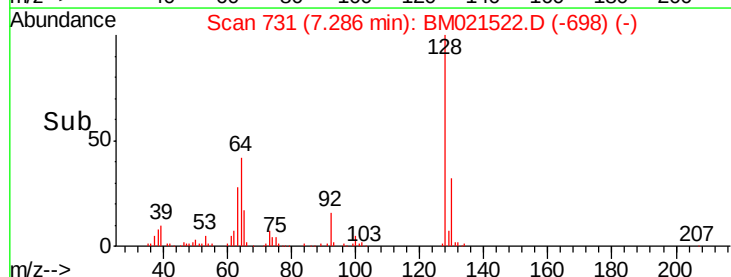
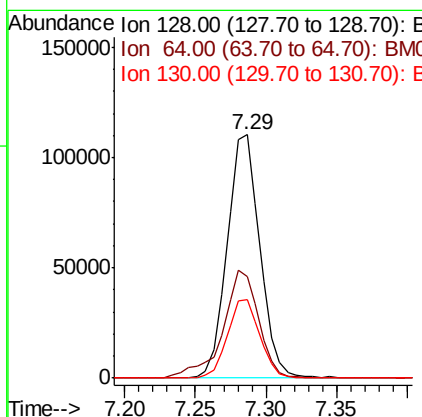
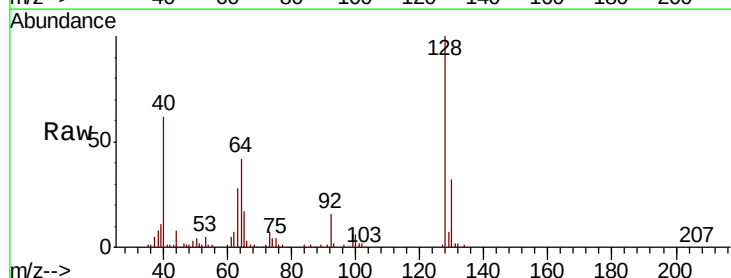


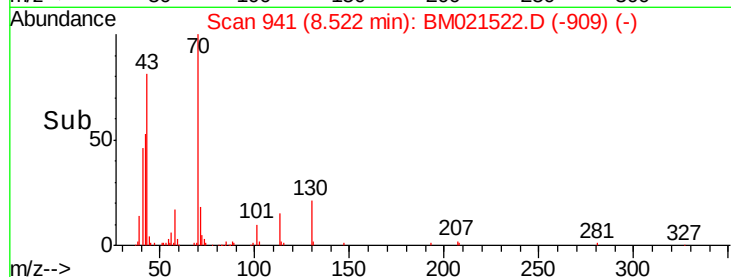
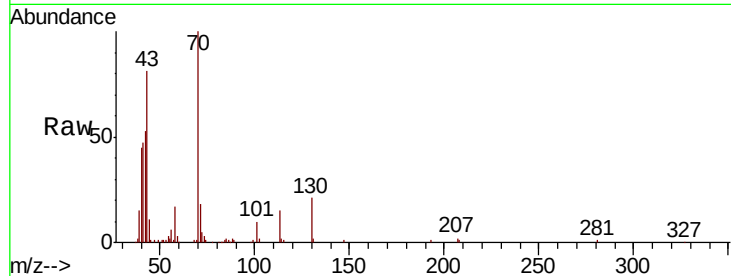
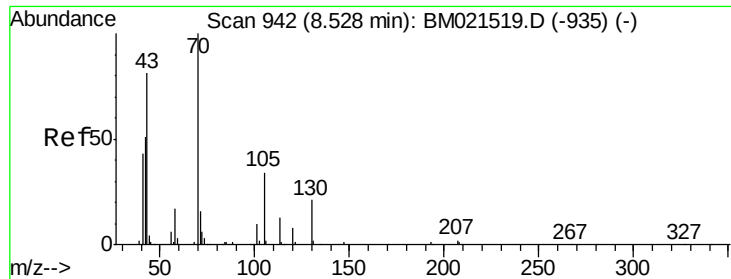
#10

2-Chlorophenol

Concen: 14.440 ng/ul
 RT: 7.29 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

Tgt Ion	Ratio	Lower	Upper
128	100		
64	41.7	34.4	51.6
130	32.0	26.9	40.3





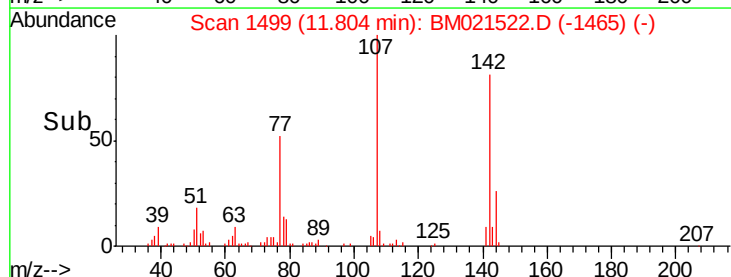
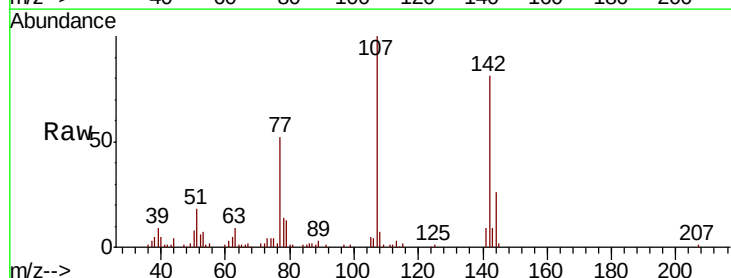
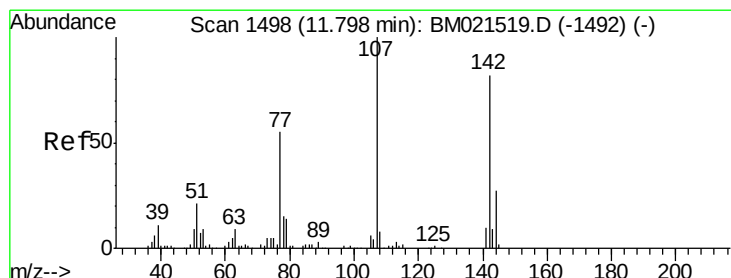
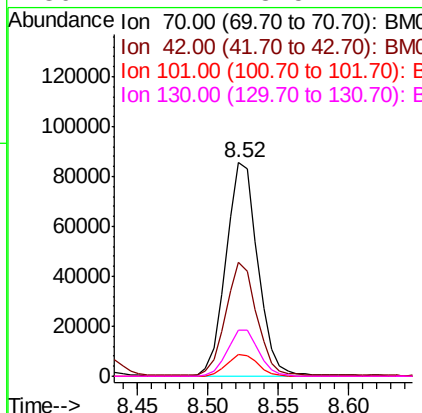
#15
N-Nitroso-di-n-propylamine
Concen: 15.074 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.01 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Instrument :
BNA_M
ClientSampleId :
DB8Z4MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.3	39.9	59.9	
101	10.0	7.6	11.4	
130	21.4	18.5	27.7	

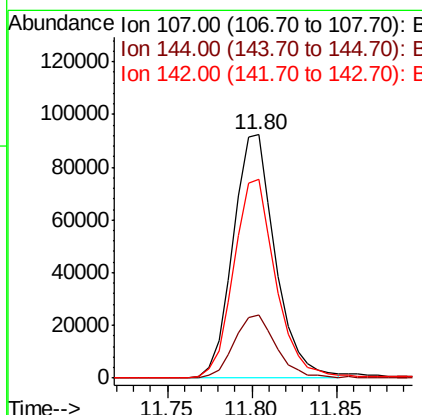
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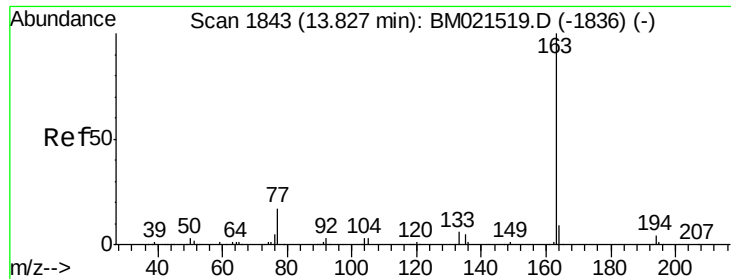
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#33
4-Chloro-3-methylphenol
Concen: 13.658 ng/ul
RT: 11.80 min Scan# 1499
Delta R.T. -0.00 min
Lab File: BM021522.D
Acq: 18 Jul 2019 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	21.4	32.2	
142	81.5	64.7	97.1	





#44

Dimethylphthalate

Concen: 1.141 ng/ul

RT: 13.83 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM021522.D

Acq: 18 Jul 2019 12:24

Instrument :

BNA_M

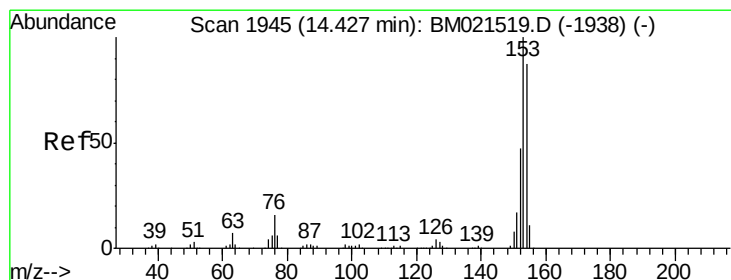
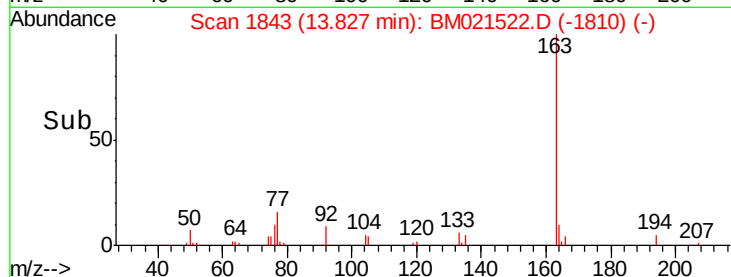
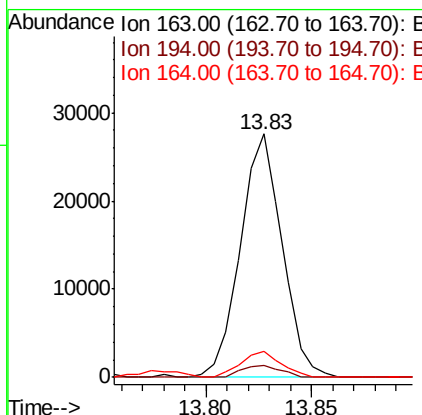
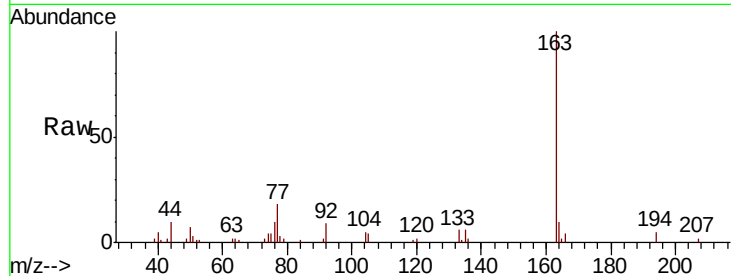
ClientSampleId :

DB8Z4MSD

Tot Ion:	163	Resp:	37834
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.6	5.4
164	10.5	8.3	12.5

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#49

Acenaphthene

Concen: 15.842 ng/ul

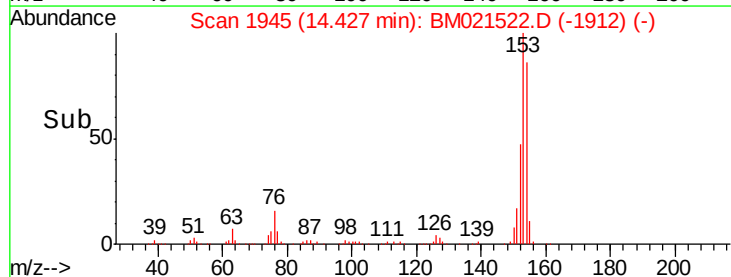
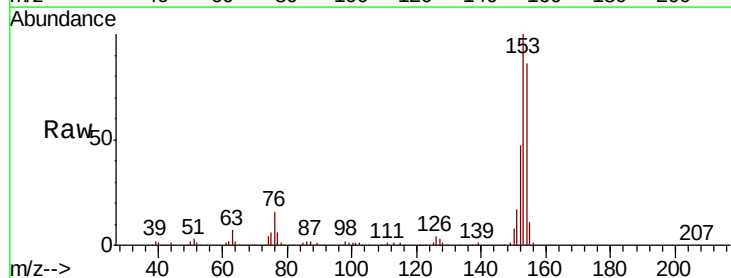
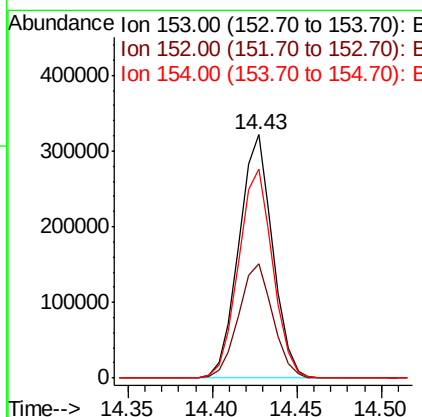
RT: 14.43 min Scan# 1945

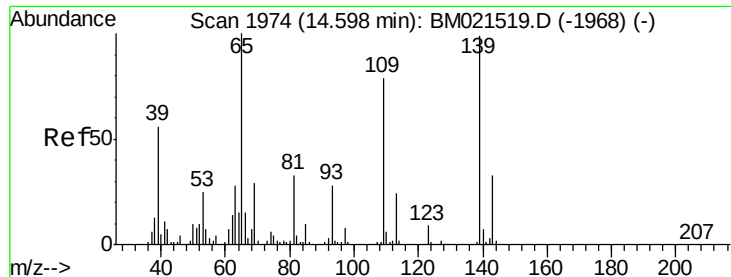
Delta R.T. -0.01 min

Lab File: BM021522.D

Acq: 18 Jul 2019 12:24

Tgt Ion:	153	Resp:	447583
Ion Ratio	Lower	Upper	
153	100		
152	47.2	38.2	57.4
154	85.6	70.0	105.0





#52

4-Nitrophenol

Concen: 7.661 ng/ul

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM021522.D

Acq: 18 Jul 2019 12:24

Instrument :

BNA_M

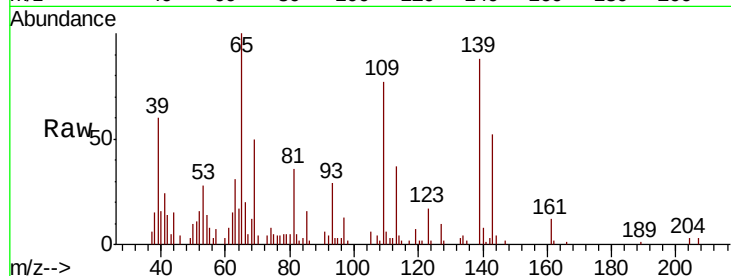
ClientSampleId :

DB8Z4MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	114.4	107.6	161.4
65	129.4	101.0	151.6

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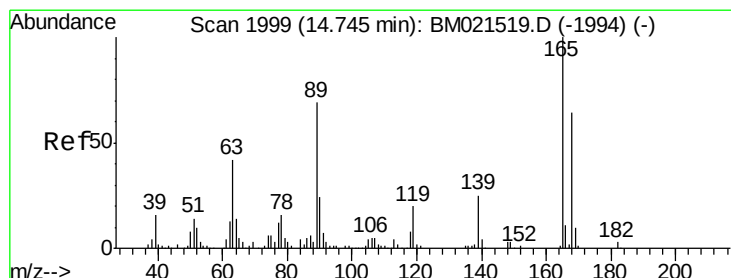
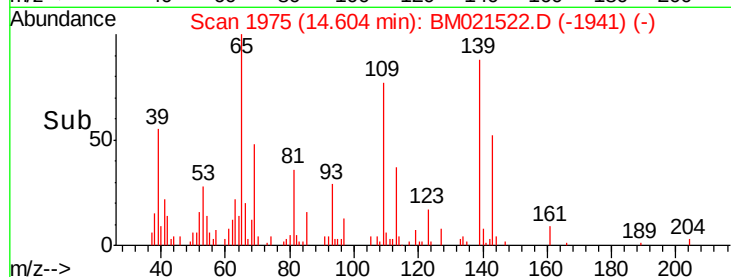
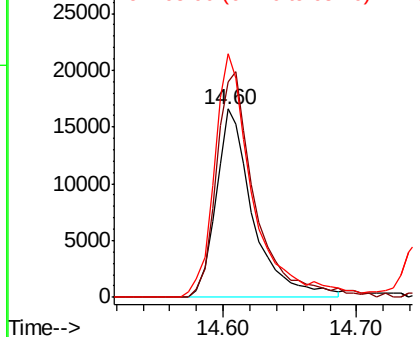


Abundance

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): BM



#54

2,4-Dinitrotoluene

Concen: 12.647 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.00 min

Lab File: BM021522.D

Acq: 18 Jul 2019 12:24

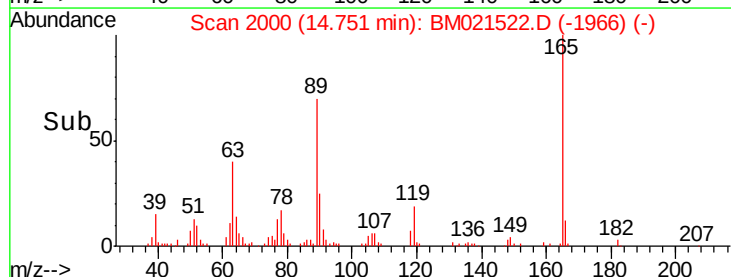
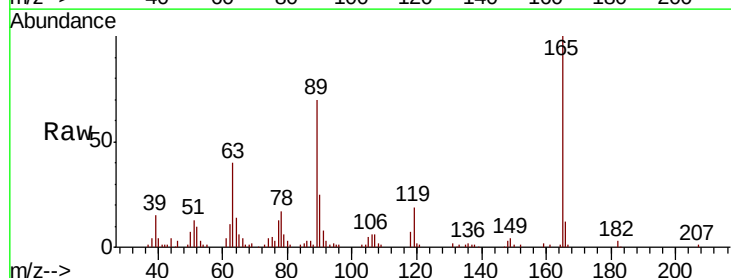
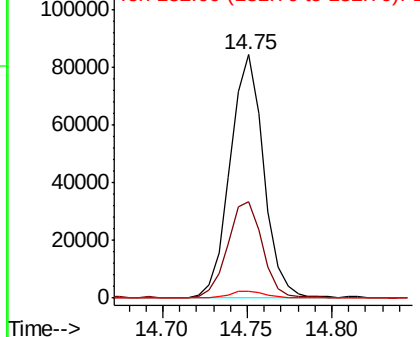
Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.7	33.1	49.7
182	3.0	2.2	3.4

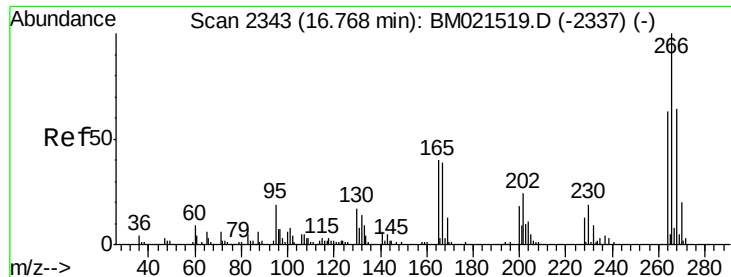
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E





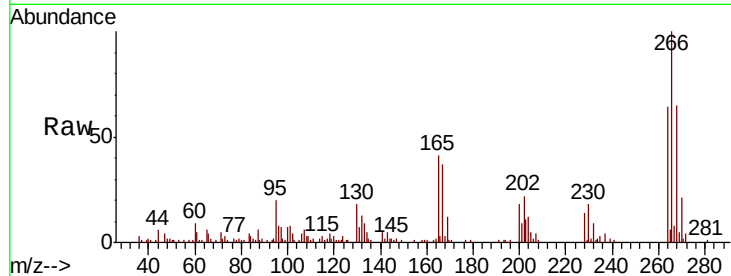
#68
 Pentachlorophenol
 Concen: 14.717 ng/ul
 RT: 16.77 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z4MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	101735		
264	63.5	49.2	73.8	
268	64.8	50.6	76.0	

Manual Integrations
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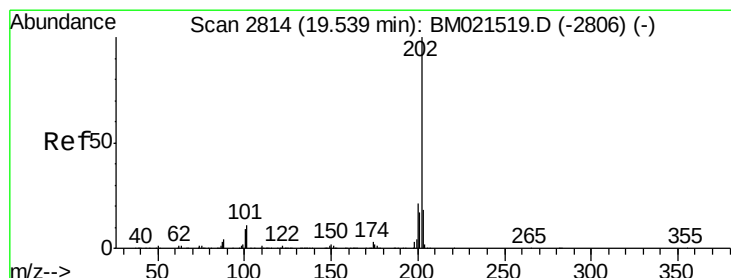
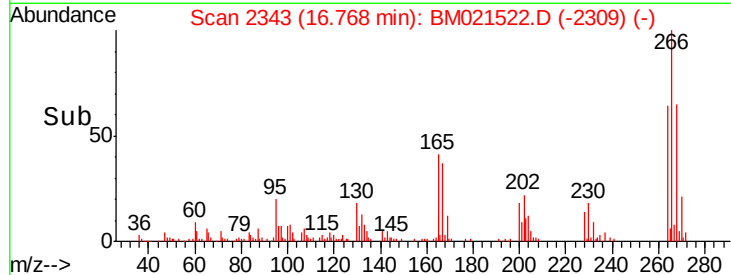
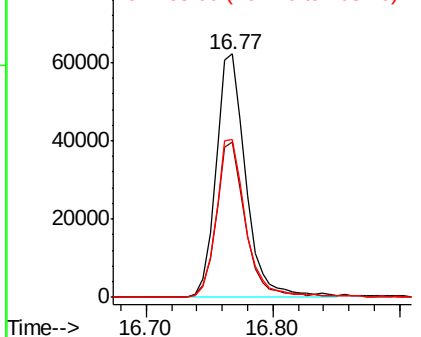


Abundance

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: 16.928 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.01 min
 Lab File: BM021522.D
 Acq: 18 Jul 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	965699		
101	10.6	7.8	11.8	
100	8.8	6.4	9.6	

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): E

