

Data File : BN003923.D
Acq On : 14 Dec 2018 10:19
Operator : JU/SJ
Sample : J6383-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0935

Quant Time: Dec 14 22:21:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 22:19:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	22216	20.00	ng/ul	0.03
18) Naphthalene-d8	10.64	136	109518	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.46	164	66736	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	169991	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	257904	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	300292	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1466	4.32	ng/uL	0.00
5) Phenol-d5	6.99	99	15974	7.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	39405	33.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	47489	27.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	30147	16.47	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	31080	35.82	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	35121	35.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	55992	31.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	3508	2.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	197424	33.14	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	254589	36.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	9462	7.68	ng/ul	0.00
57) Fluorene-d10	15.46	176	179343	34.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	32859	26.84	ng/ul	0.00
70) Anthracene-d10	17.31	188	314110	36.57	ng/ul	0.00
78) Pyrene-d10	19.60	212	399211	34.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	606955	37.26	ng/ul	0.00

Target Compounds

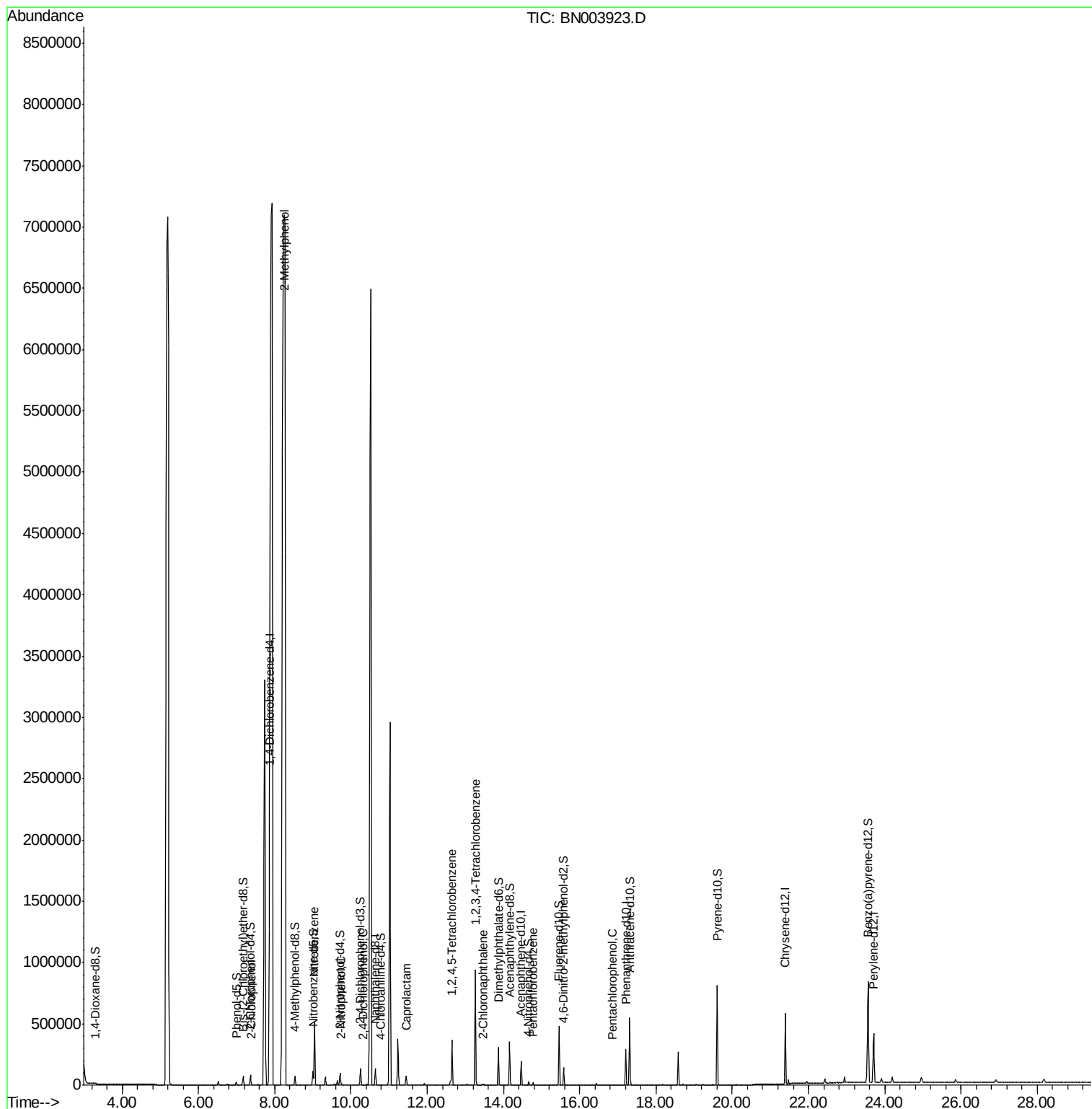
					Qvalue	
10) 2-Chlorophenol	7.39	128	3303	1.933	ng/ul	95
11) 2-Methylphenol	8.26	108	57871	33.940	ng/ul	99
20) Nitrobenzene	9.05	77	282300	150.215	ng/ul	99
23) 2-Nitrophenol	9.75	139	2793	2.703	ng/ul	98
27) 2,4-Dichlorophenol	10.32	162	1831	1.048	ng/ul#	75
32) Caprolactam	11.45	113	6331	9.027	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	126593	61.774	ng/ul	98
41) 2-Chloronaphthalene	13.47	162	4797	1.136	ng/ul#	37
68) Pentachlorophenol	16.85	266	1661	1.217	ng/ul	91
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	283455	133.148	ng/uL	100
73) Pentachlorobenzene	14.77	250	8424	3.463	ng/uL	99

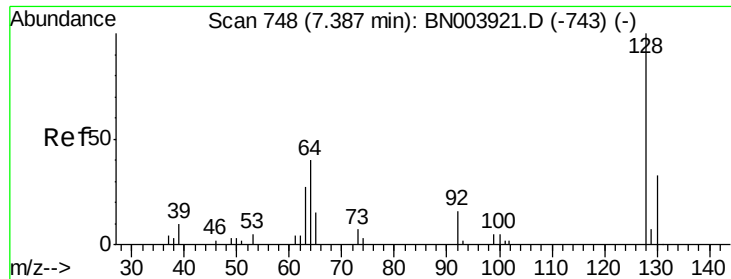
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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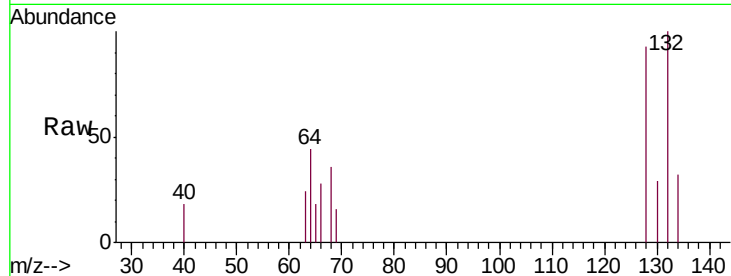




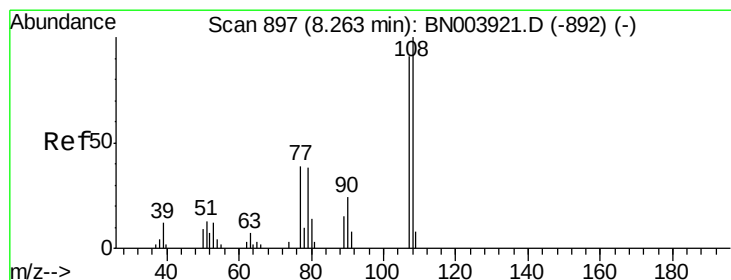
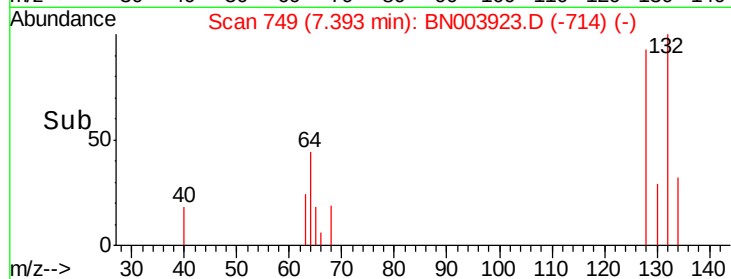
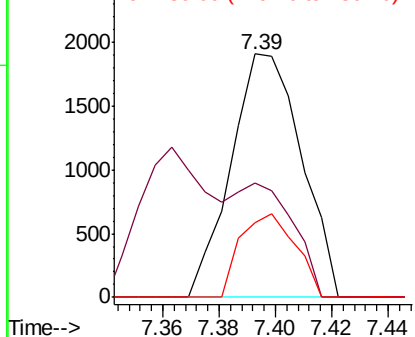
#10
2-Chlorophenol
Concen: 1.933 ng/ul
RT: 7.39 min Scan# 749
Delta R.T. 0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

Instrument :
BNA_N
ClientSampled :
C0935

Tgt Ion:128 Resp: 3303
Ion Ratio Lower Upper
128 100
64 46.9 33.8 50.6
130 30.6 25.4 38.0

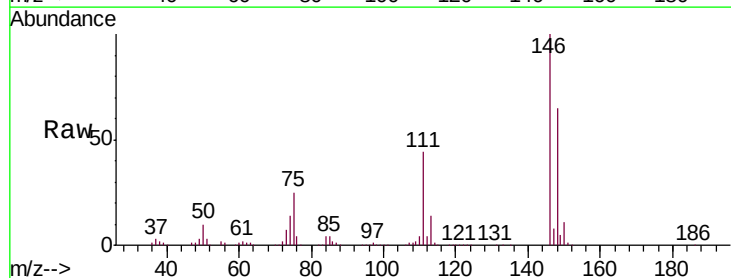


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BNO
Ion 130.00 (129.70 to 130.70): E

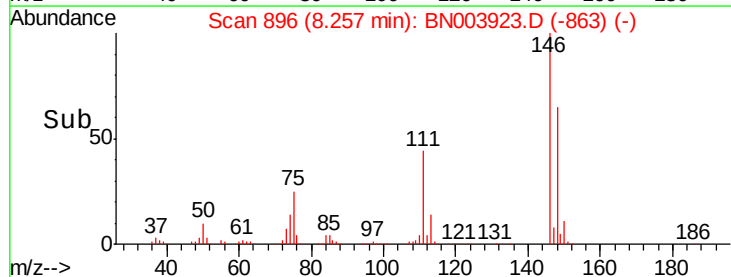
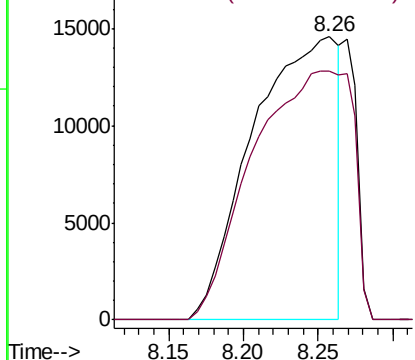


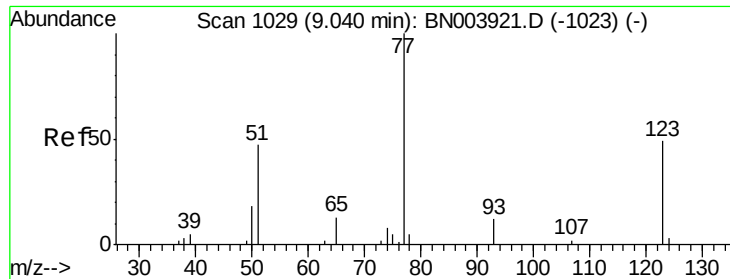
#11
2-Methylphenol
Concen: 33.940 ng/ul
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

Tgt Ion:108 Resp: 57871
Ion Ratio Lower Upper
108 100
107 88.1 71.3 106.9



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

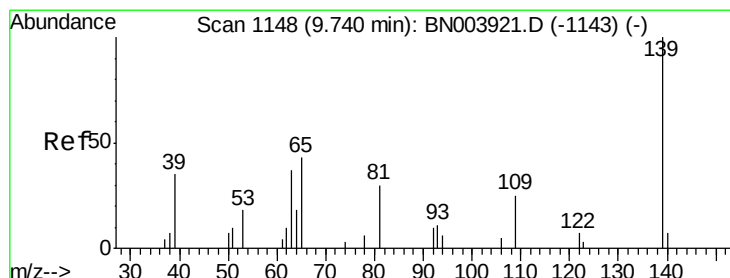
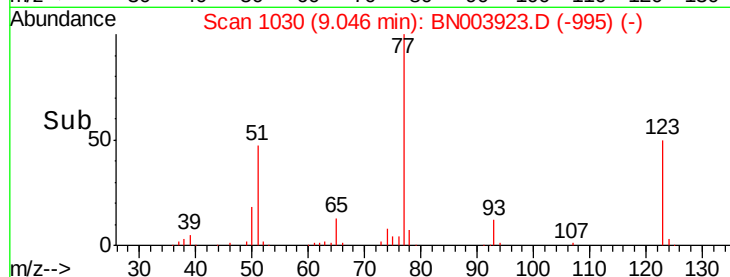
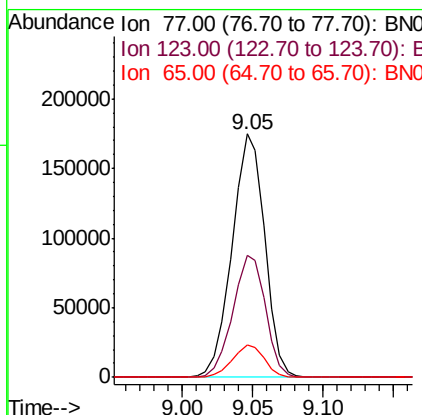
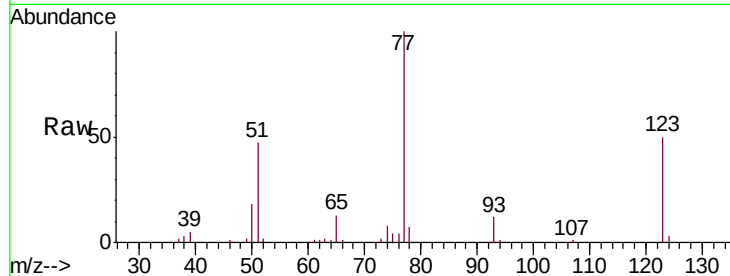




#20
Nitrobenzene
Concen: 150.215 ng/ul
RT: 9.05 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

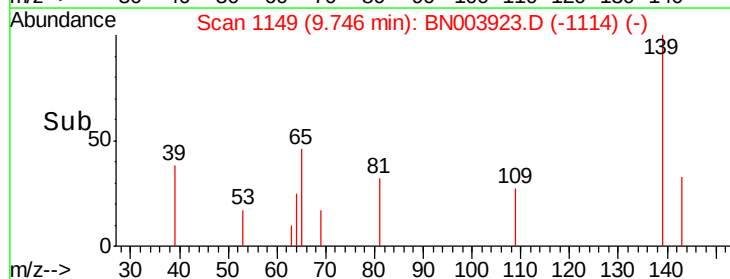
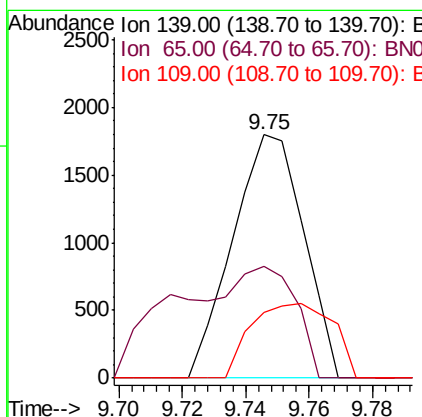
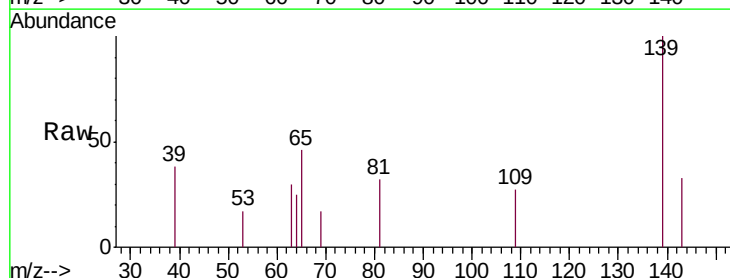
Instrument :
BNA_N
ClientSampled :
C0935

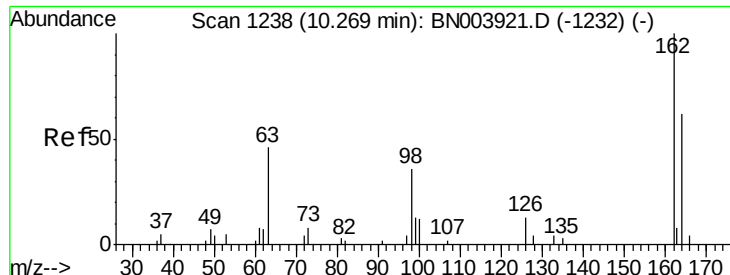
Tgt Ion: 77 Resp: 282300
Ion Ratio Lower Upper
77 100
123 50.1 39.3 58.9
65 13.2 10.3 15.5



#23
2-Nitrophenol
Concen: 2.703 ng/ul
RT: 9.75 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BN003923.D
Acq: 14 Dec 2018 10:19

Tgt Ion: 139 Resp: 2793
Ion Ratio Lower Upper
139 100
65 45.9 36.7 55.1
109 27.1 19.6 29.4

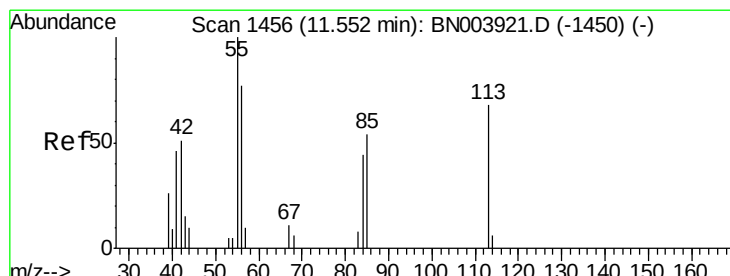
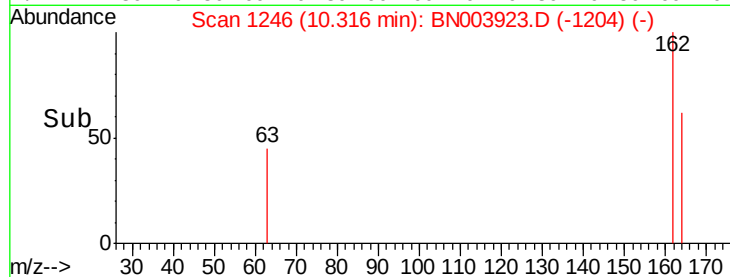
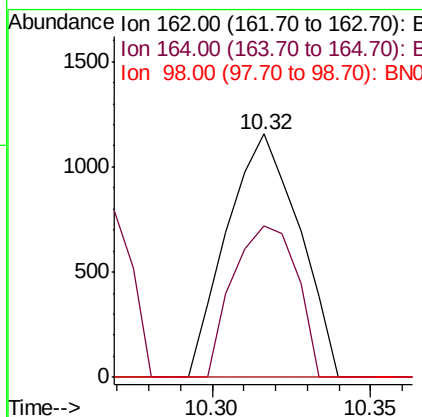
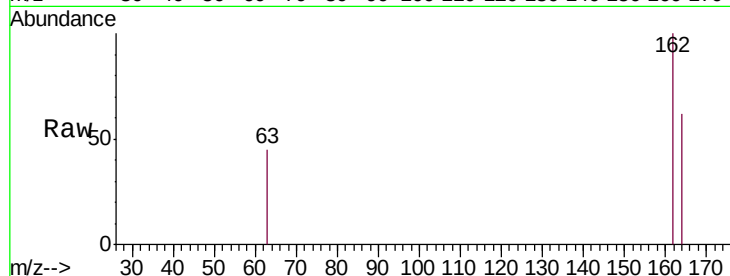




#27
 2,4-Dichlorophenol
 Concen: 1.048 ng/ul
 RT: 10.32 min Scan# 1246
 Delta R.T. 0.05 min
 Lab File: BN003923.D
 Acq: 14 Dec 2018 10:19

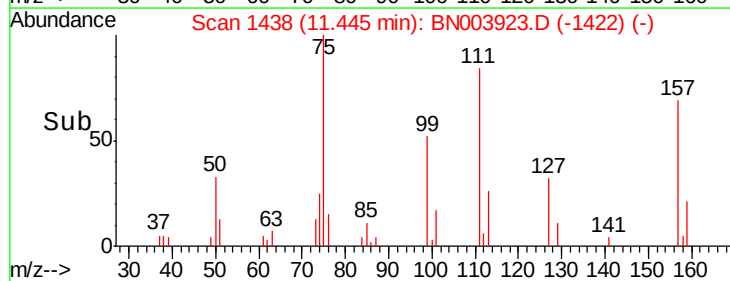
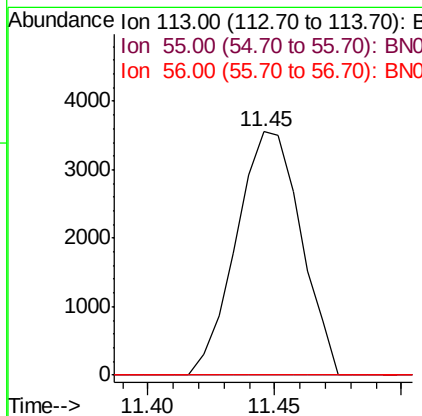
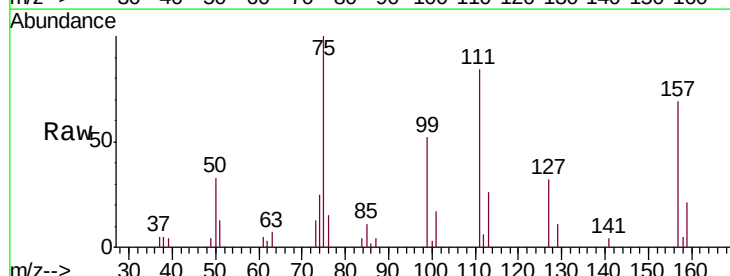
Instrument :
 BNA_N
 ClientSampleId :
 C0935

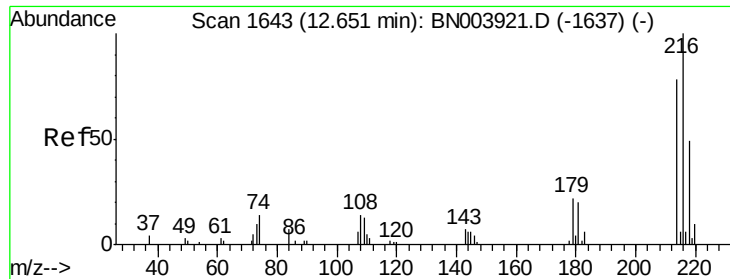
Tgt Ion:	162	Resp:	1831
Ion	Ratio	Lower	Upper
162	100		
164	62.1	53.2	79.8
98	0.0	29.0	43.4#



#32
 Caprolactam
 Concen: 9.027 ng/ul
 RT: 11.45 min Scan# 1438
 Delta R.T. -0.11 min
 Lab File: BN003923.D
 Acq: 14 Dec 2018 10:19

Tgt Ion:	113	Resp:	6331
Ion	Ratio	Lower	Upper
113	100		
55	0.0	116.6	175.0#
56	0.0	89.9	134.9#

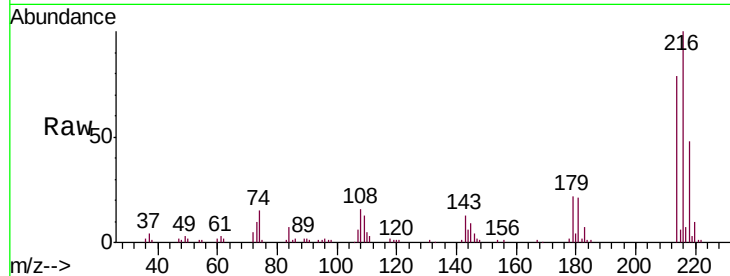




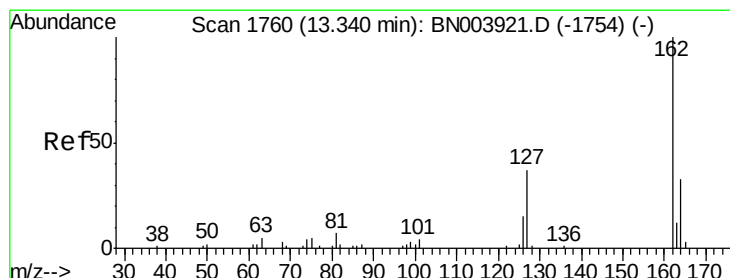
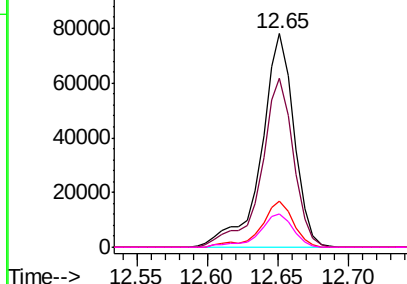
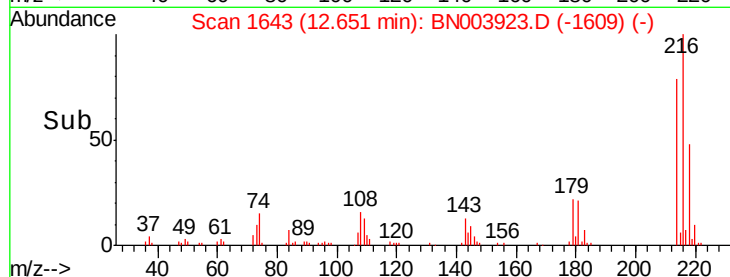
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 61.774 ng/ul
 RT: 12.65 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BN003923.D
 Acq: 14 Dec 2018 10:19

Instrument :
 BNA_N
 ClientSampleId :
 C0935

Tgt Ion:	216	Resp:	126593
Ion	Ratio	Lower	Upper
216	100		
214	79.0	65.2	97.8
179	21.7	16.8	25.2
108	15.7	12.8	19.2

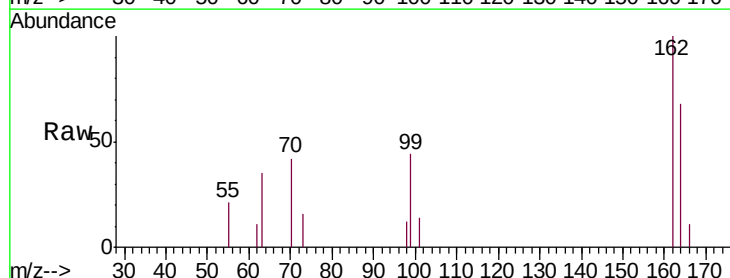


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

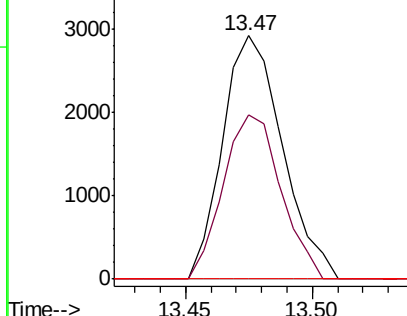
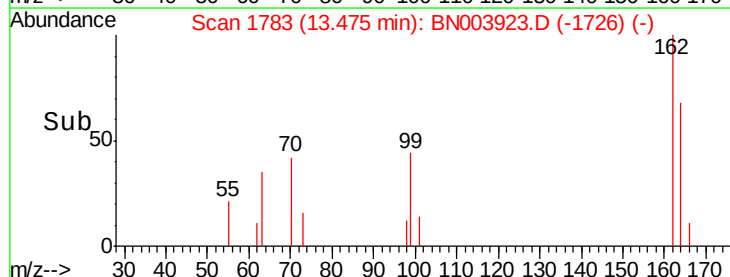


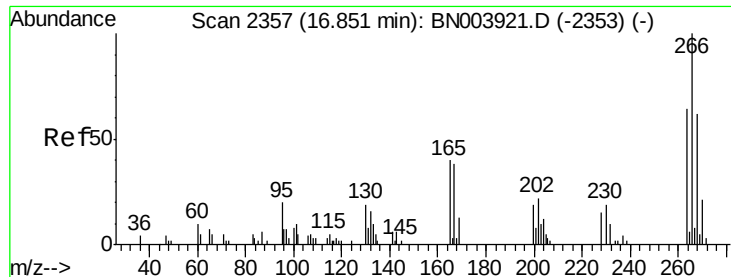
#41
 2-Chloronaphthalene
 Concen: 1.136 ng/ul
 RT: 13.47 min Scan# 1783
 Delta R.T. 0.14 min
 Lab File: BN003923.D
 Acq: 14 Dec 2018 10:19

Tgt Ion:	162	Resp:	4797
Ion	Ratio	Lower	Upper
162	100		
164	67.6	26.0	39.0#
127	0.0	30.6	46.0#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 127.00 (126.70 to 127.70): E





#68

Pentachlorophenol

Concen: 1.217 ng/uL

RT: 16.85 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

Instrument :

BNA_N

ClientSampleId :

C0935

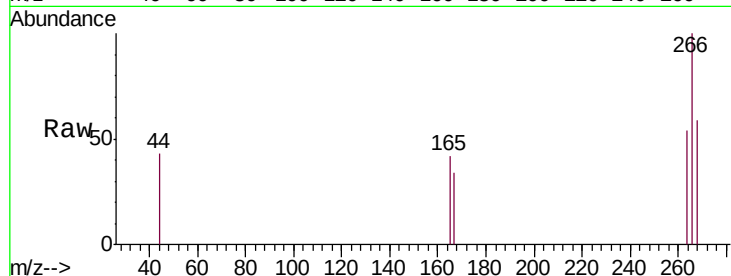
Tgt Ion:266 Resp: 1661

Ion Ratio Lower Upper

266 100

264 54.0 51.8 77.8

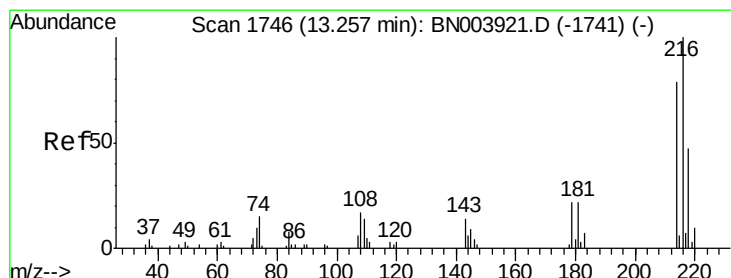
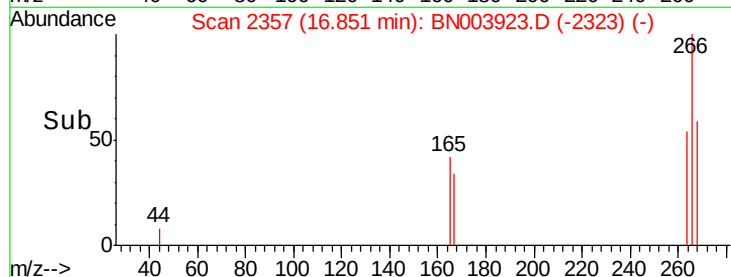
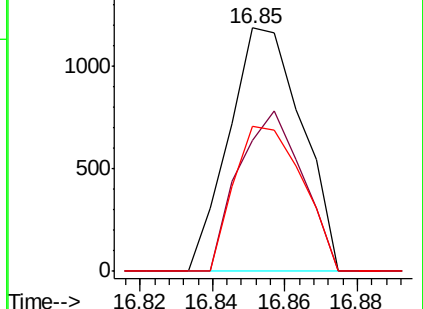
268 59.5 50.7 76.1



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



#72

1,2,3,4-Tetrachlorobenzene

Concen: 133.148 ng/uL

RT: 13.26 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

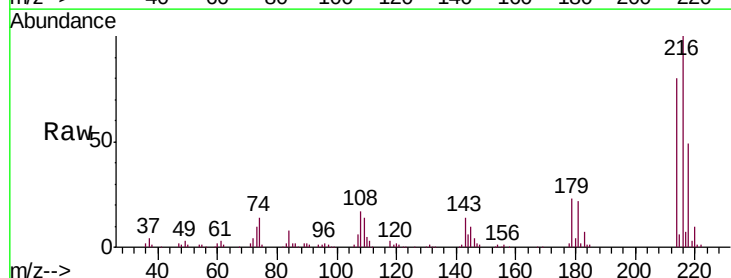
Tgt Ion:216 Resp: 283455

Ion Ratio Lower Upper

216 100

214 79.6 63.8 95.8

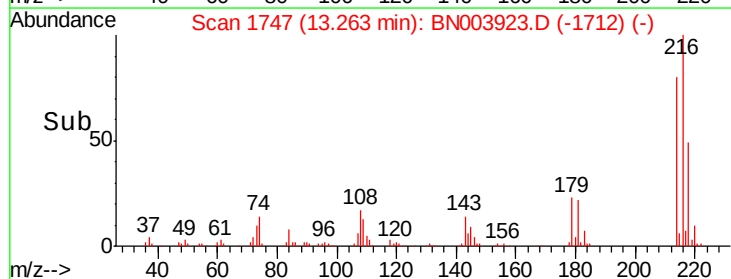
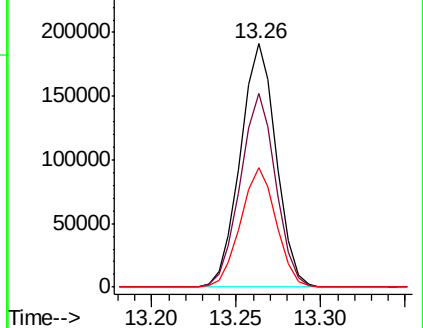
218 48.9 38.9 58.3

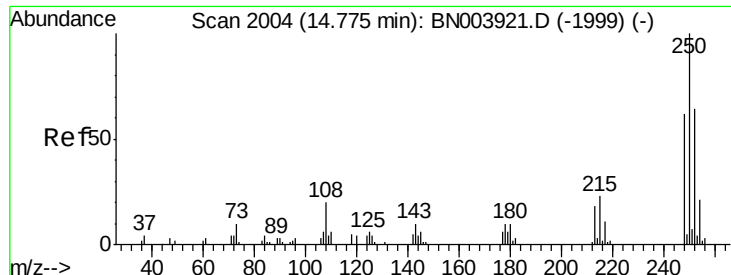


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#73

Pentachlorobenzene

Concen: 3.463 ng/uL

RT: 14.77 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BN003923.D

Acq: 14 Dec 2018 10:19

Instrument :

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ClientSampleId :

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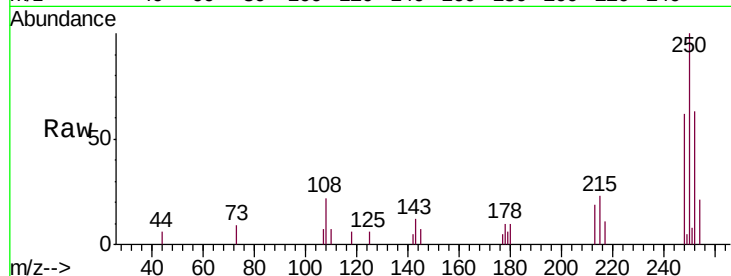
Tgt Ion: 250 Resp: 8424

Ion Ratio Lower Upper

250 100

248 61.9 50.2 75.2

252 63.0 51.4 77.0



Abundance

Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E

