

Data File : BN003924.D
Acq On : 14 Dec 2018 10:54
Operator : JU/SJ
Sample : J6383-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0937

Quant Time: Dec 14 22:22:05 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	7.83	152	24609	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	125997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	83097	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	211949	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	305407	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	360626	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	1585	4.22	ng/uL	0.00
5) Phenol-d5	6.99	99	12585	5.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	32491	24.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	38618	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	25747	12.70	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	26671	26.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	30660	27.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	50263	24.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	3613	1.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	201975	27.23	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	247488	28.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	8242	5.37	ng/ul	0.00
57) Fluorene-d10	15.46	176	182970	28.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	34412	22.54	ng/ul	0.00
70) Anthracene-d10	17.31	188	318471	29.74	ng/ul	0.00
78) Pyrene-d10	19.60	212	392933	28.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	591168	30.22	ng/ul	0.00

Target Compounds

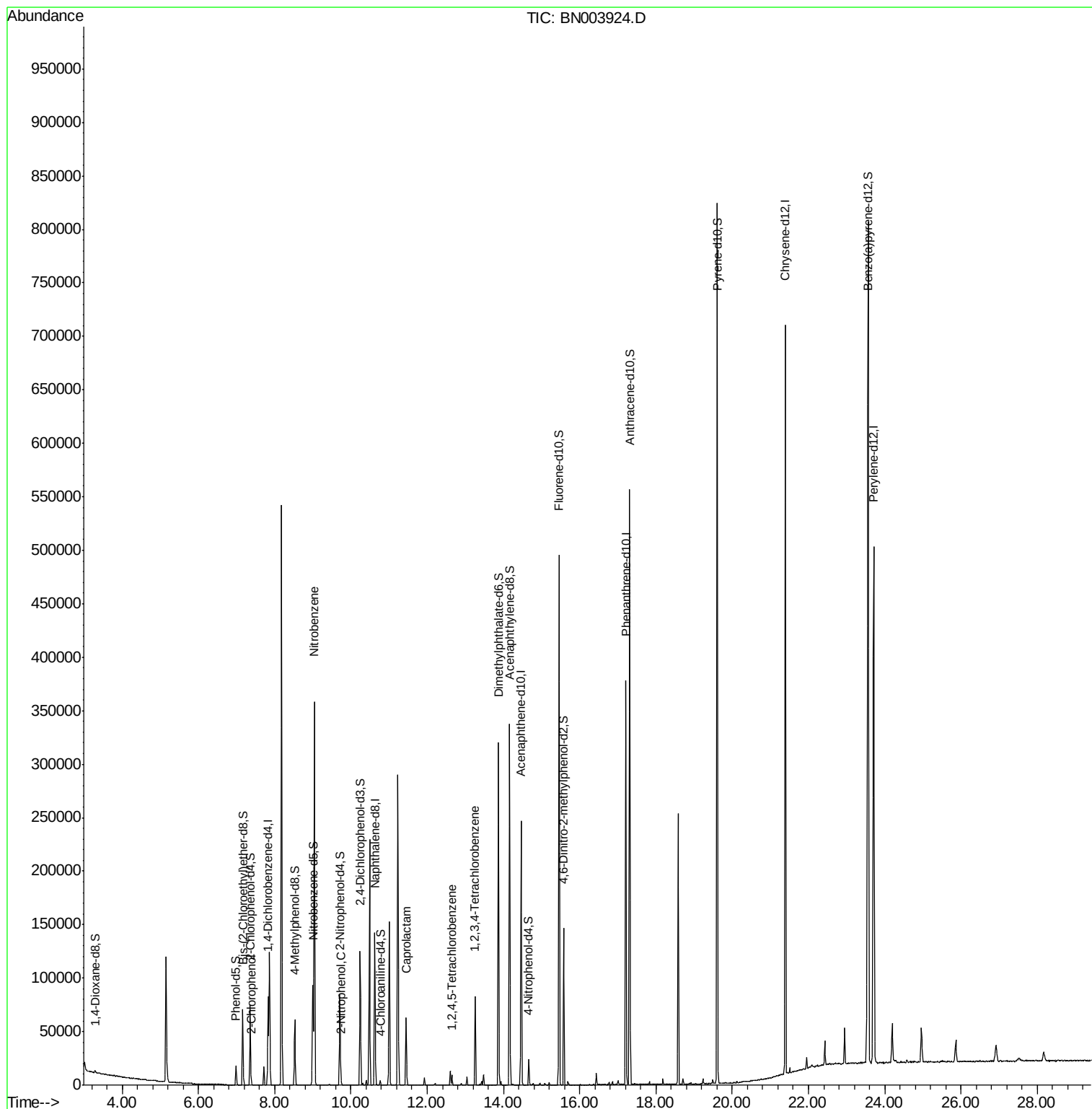
					Qvalue	
10) 2-Chlorophenol	7.39	128	2373	1.254	ng/ul	96
20) Nitrobenzene	9.04	77	201227	93.071	ng/ul	99
23) 2-Nitrophenol	9.75	139	2103	1.769	ng/ul	97
32) Caprolactam	11.45	113	5004	6.202	ng/ul#	1
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	4118	1.614	ng/ul	93
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	27047	10.190	ng/uL	99

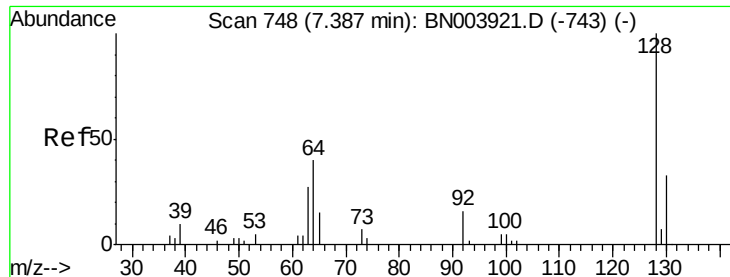
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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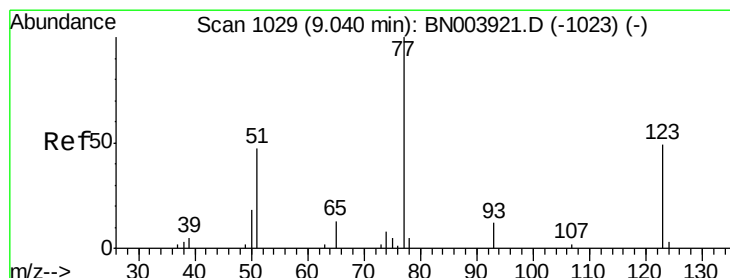
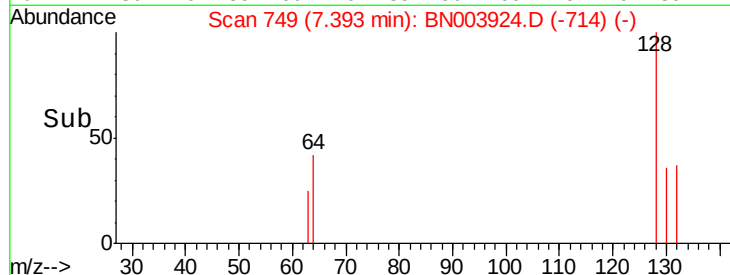
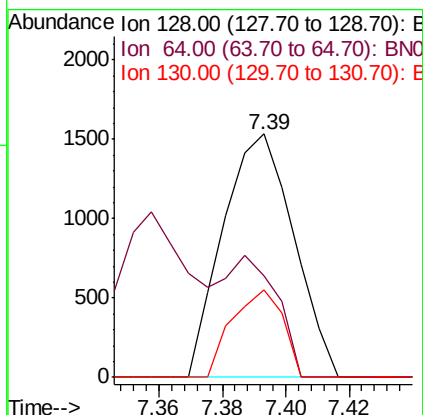
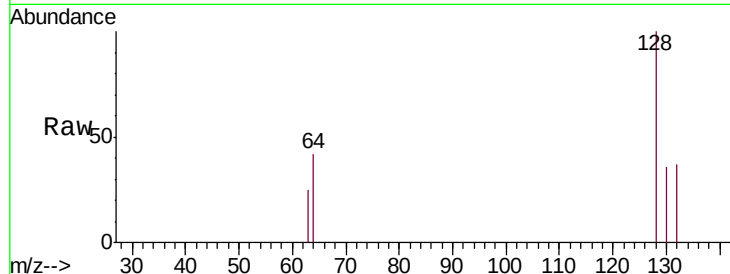




#10
2-Chlorophenol
Concen: 1.254 ng/ul
RT: 7.39 min Scan# 749
Delta R.T. 0.01 min
Lab File: BN003924.D
Acq: 14 Dec 2018 10:54

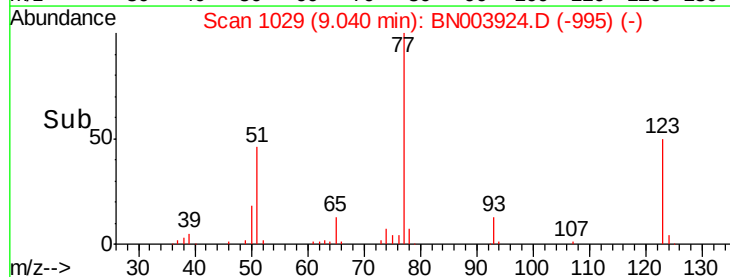
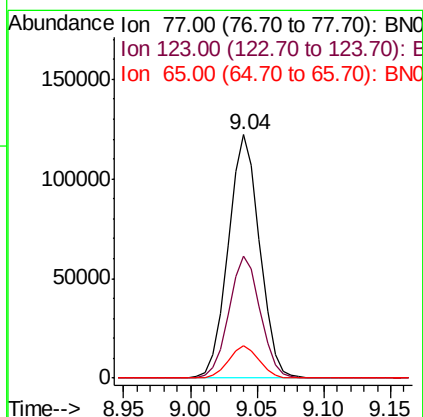
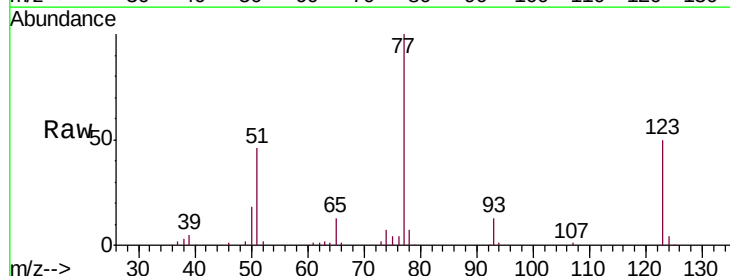
Instrument :
BNA_N
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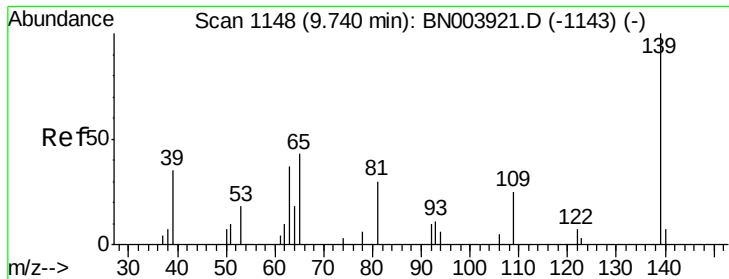
Tgt Ion: 128 Resp: 2373
Ion Ratio Lower Upper
128 100
64 41.9 33.8 50.6
130 36.2 25.4 38.0



#20
Nitrobenzene
Concen: 93.071 ng/ul
RT: 9.04 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BN003924.D
Acq: 14 Dec 2018 10:54

Tgt Ion: 77 Resp: 201227
Ion Ratio Lower Upper
77 100
123 50.2 39.3 58.9
65 13.2 10.3 15.5





#23

2-Nitrophenol

Concen: 1.769 ng/ul

RT: 9.75 min Scan# 1149

Delta R.T. 0.01 min

Lab File: BN003924.D

Acq: 14 Dec 2018 10:54

Instrument :

BNA_N

ClientSampleId :

C0937

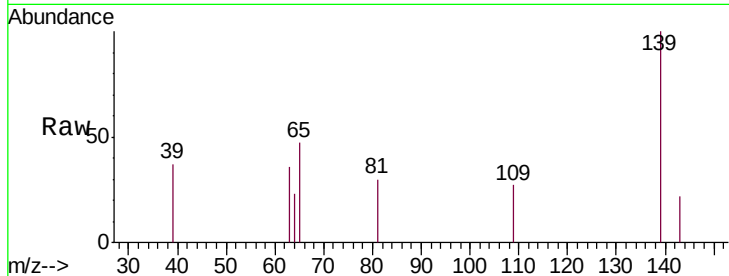
Tgt Ion:139 Resp: 2103

Ion Ratio Lower Upper

139 100

65 47.1 36.7 55.1

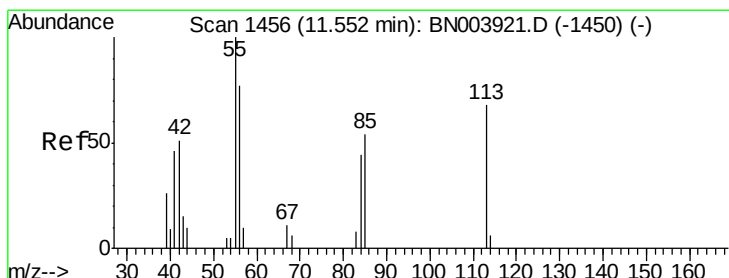
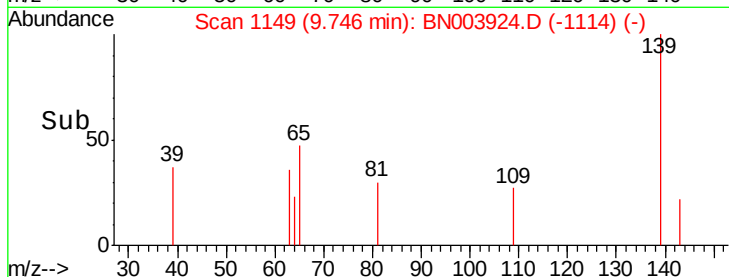
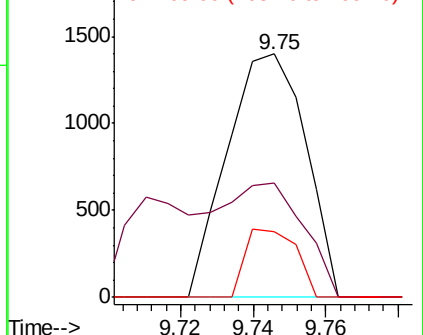
109 26.8 19.6 29.4



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC

Ion 109.00 (108.70 to 109.70): E



#32

Caprolactam

Concen: 6.202 ng/ul

RT: 11.45 min Scan# 1438

Delta R.T. -0.11 min

Lab File: BN003924.D

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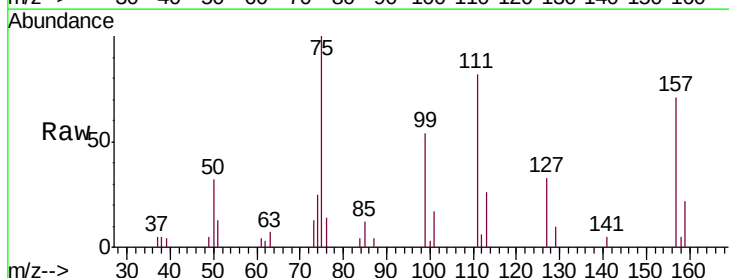
Tgt Ion:113 Resp: 5004

Ion Ratio Lower Upper

113 100

55 0.0 116.6 175.0#

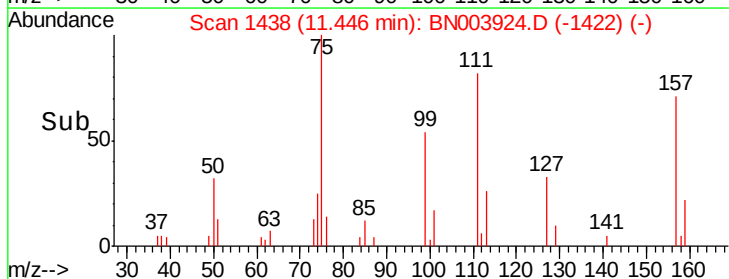
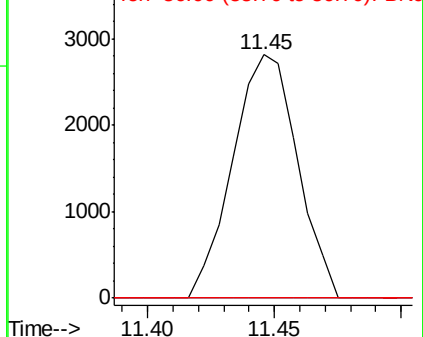
56 0.0 89.9 134.9#

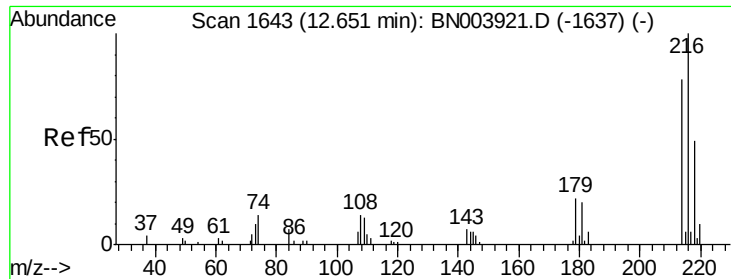


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNC

Ion 56.00 (55.70 to 56.70): BNC

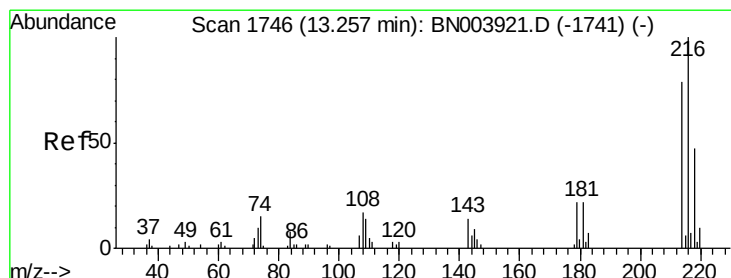
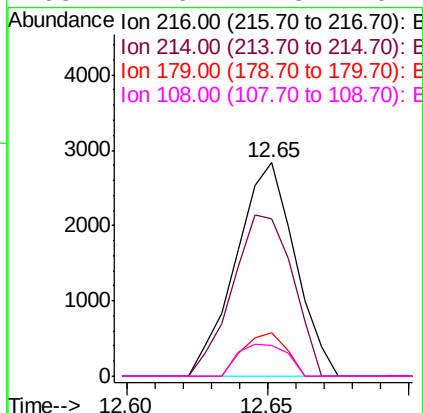
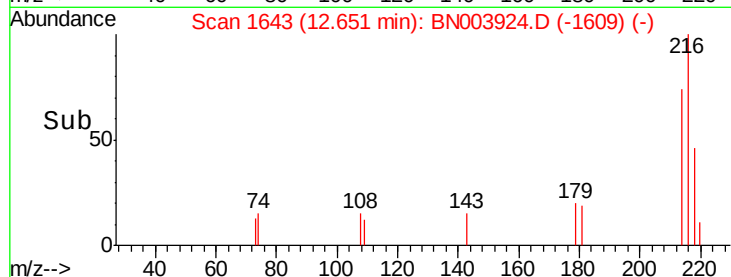
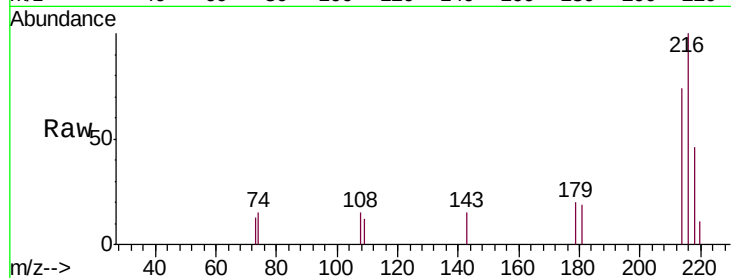




#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.614 ng/ul
 RT: 12.65 min Scan# 1643
 Delta R.T. 0.00 min
 Lab File: BN003924.D
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Tgt Ion:216 Resp: 4118
 Ion Ratio Lower Upper
 216 100
 214 73.9 65.2 97.8
 179 20.5 16.8 25.2
 108 14.6 12.8 19.2



#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 10.190 ng/uL
 RT: 13.26 min Scan# 1746
 Delta R.T. 0.00 min
 Lab File: BN003924.D
 Acq: 14 Dec 2018 10:54

Tgt Ion:216 Resp: 27047
 Ion Ratio Lower Upper
 216 100
 214 78.2 63.8 95.8
 218 48.8 38.9 58.3

