

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
 Data File : BM011609.D
 Acq On : 19 Sep 2017 18:01
 Operator : SJ/JU
 Sample : I5271-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Manual Integrations
 APPROVED

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Quant Time: Sep 20 13:38:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 01:49:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	301661	20.00	ng/ul	0.05
18) Naphthalene-d8	10.79	136	1499694	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.60	164	882630	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	1991237	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2141363	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1914957	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	38676	5.77	ng/uL	0.00
5) Phenol-d5	7.13	99	163086	5.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.32	67	548973	28.12	ng/ul	0.03
9) 2-Chlorophenol-d4	7.51	132	477148	21.86	ng/ul	0.01
13) 4-Methylphenol-d8	8.67	113	292257m	12.92	ng/ul	0.01
19) Nitrobenzene-d5	9.15	128	290287	25.50	ng/ul	0.01
22) 2-Nitrophenol-d4	9.86	143	308025	26.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	539409	22.64	ng/ul	0.01
29) 4-Chloroaniline-d4	10.92	131	29834	1.13	ng/ul	0.02
44) Dimethylphthalate-d6	14.00	166	1938017	25.97	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2238581	24.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	64191	4.58	ng/ul	0.00
58) Fluorene-d10	15.59	176	1669618	25.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	269165	23.23	ng/ul	0.00
71) Anthracene-d10	17.43	188	2681562	27.35	ng/ul	0.00
79) Pyrene-d10	19.72	212	3084410	30.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	2579350	28.26	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.15	94	38000m	1.322	ng/ul	
17) Hexachloroethane	9.07	117	14198	1.744	ng/ul#	72
20) Nitrobenzene	9.20	77	10454469	390.534	ng/ul#	94
23) 2-Nitrophenol	9.89	139	204751	16.466	ng/ul	89
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	722851	27.609	ng/ul#	96
45) Dimethylphthalate	14.04	163	185177	2.592	ng/ul#	99
53) 4-Nitrophenol	14.80	109	25810	2.864	ng/ul#	86
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	2126087	80.126	ng/uL	98

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

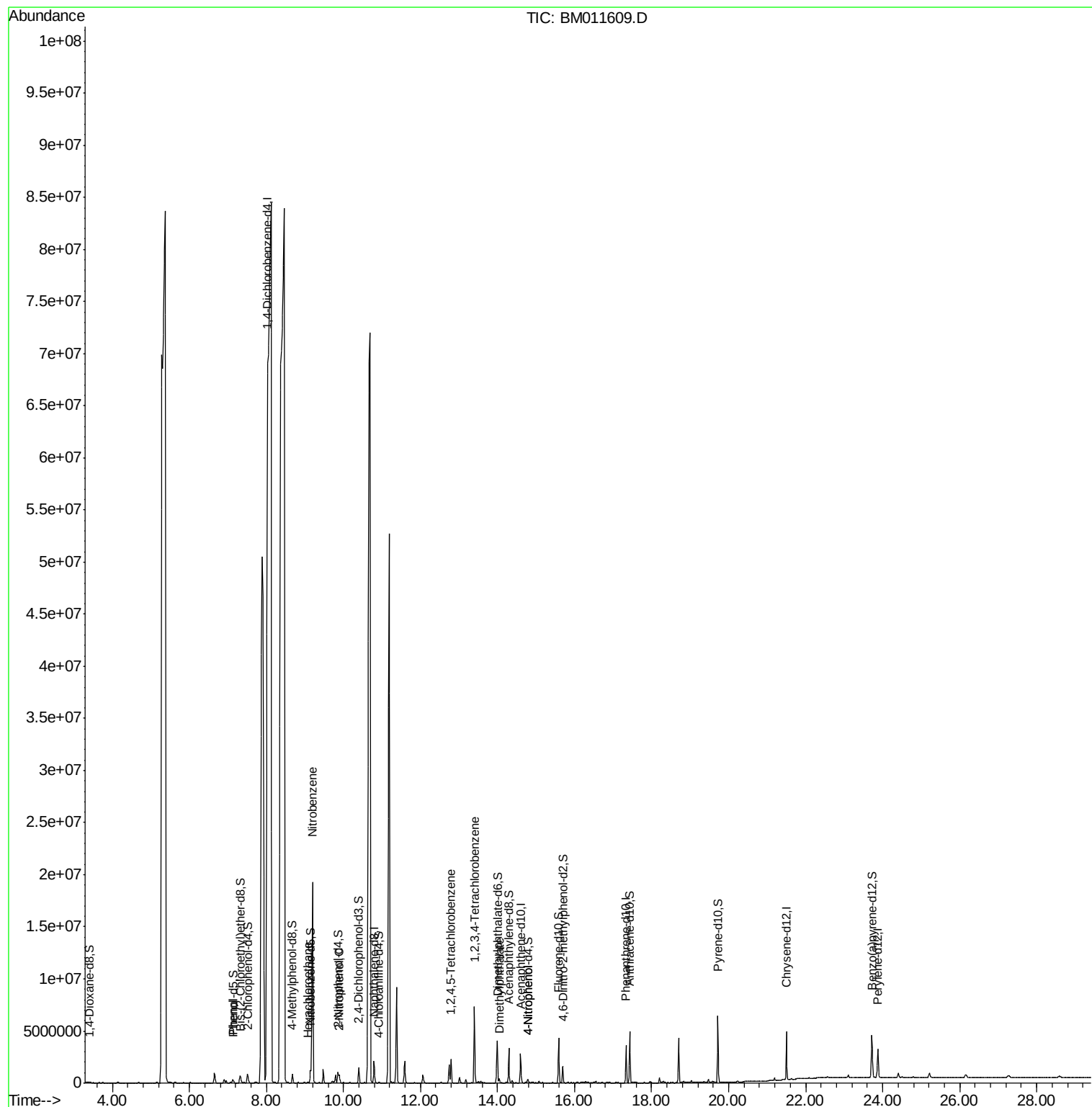
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM091917\
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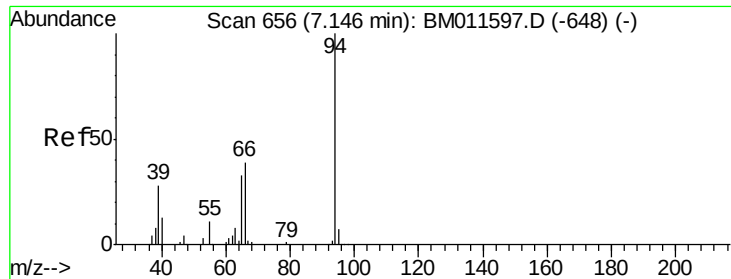
Instrument :
BNA_M
ClientSampleId :
C0AJ2

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Quant Time: Sep 20 13:38:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 01:49:56 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.322 ng/ul m

RT: 7.15 min Scan# 657

Delta R.T. 0.01 min

Lab File: BM011609.D

Acq: 19 Sep 2017 18:01

Instrument :

BNA_M

ClientSampled :

C0AJ2

Tgt Ion: 94 Resp: 38000
Ion Ratio Lower Upper

94 100

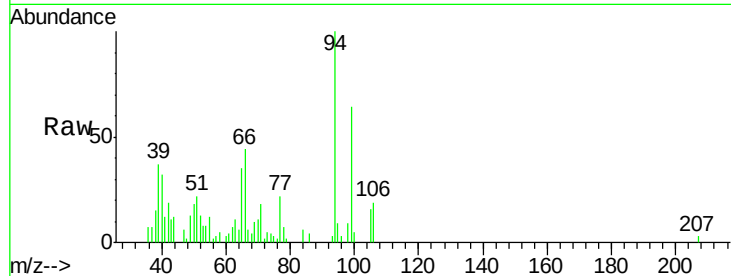
65 34.8 23.0 34.6#

66 44.0 30.4 45.6

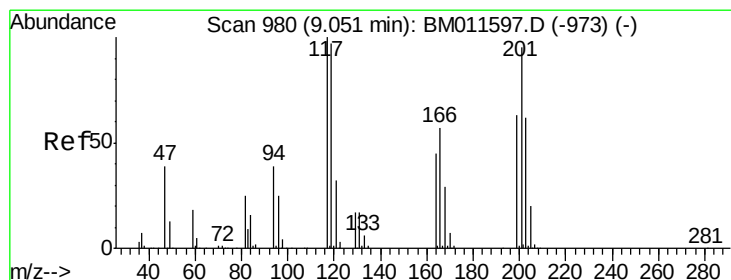
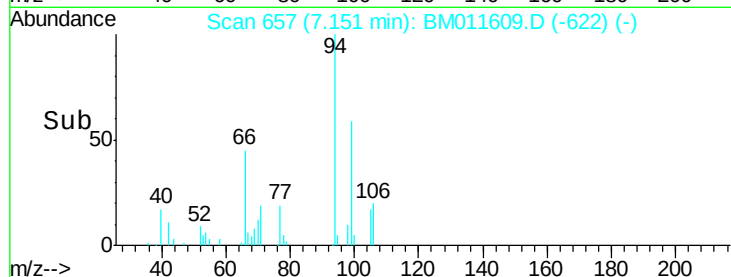
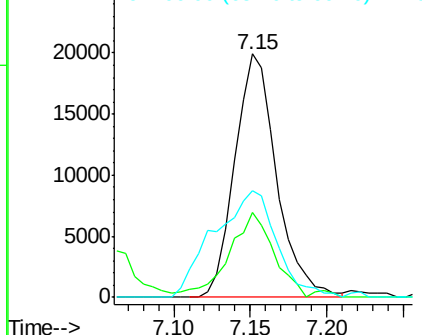
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Abundance Ion 94.00 (93.70 to 94.70): BM011597.D (-648) (-)
Ion 65.00 (64.70 to 65.70): BM011597.D (-648) (-)
Ion 66.00 (65.70 to 66.70): BM011597.D (-648) (-)



#17

Hexachloroethane

Concen: 1.744 ng/ul

RT: 9.07 min Scan# 983

Delta R.T. 0.02 min

Lab File: BM011609.D

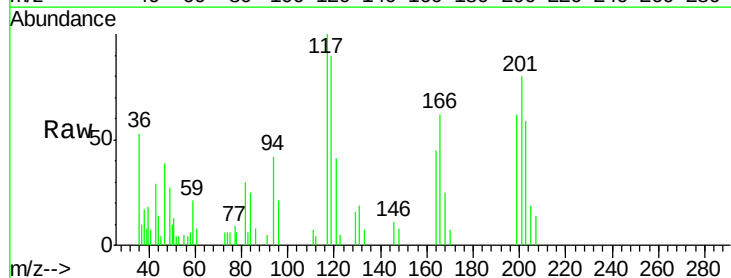
Acq: 19 Sep 2017 18:01

Tgt Ion: 117 Resp: 14198
Ion Ratio Lower Upper

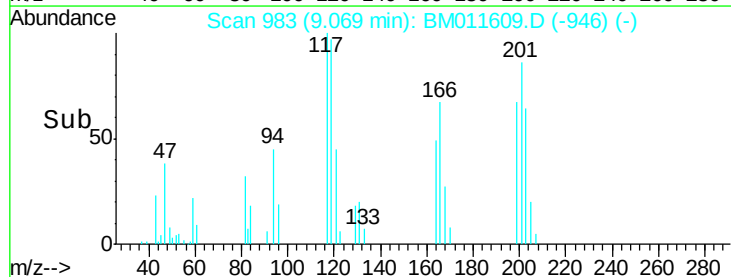
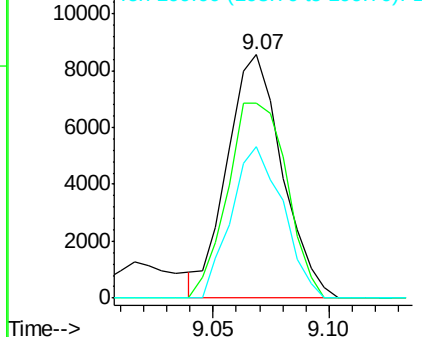
117 100

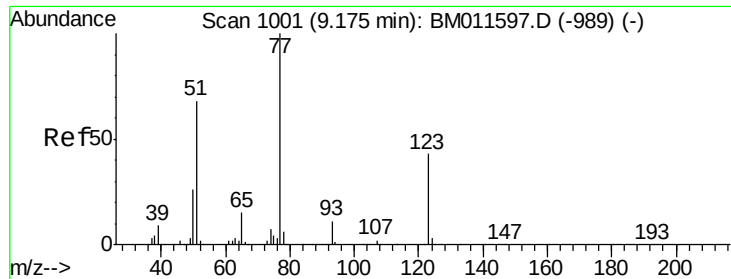
201 79.9 96.1 144.1#

199 62.0 59.7 89.5



Abundance Ion 117.00 (116.70 to 117.70): BM011597.D (-973) (-)
Ion 201.00 (200.70 to 201.70): BM011597.D (-973) (-)
Ion 199.00 (198.70 to 199.70): BM011597.D (-973) (-)





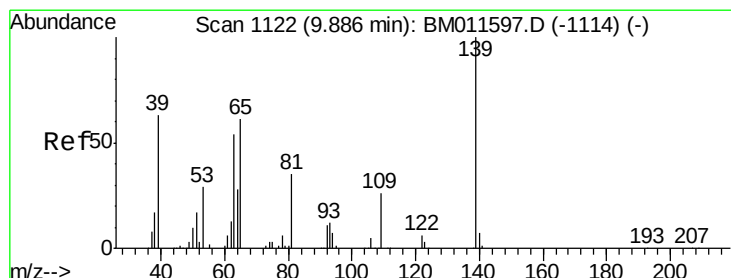
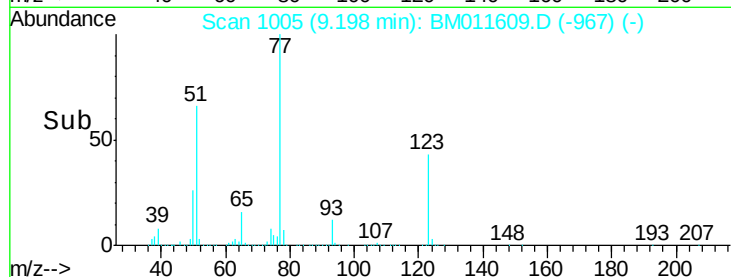
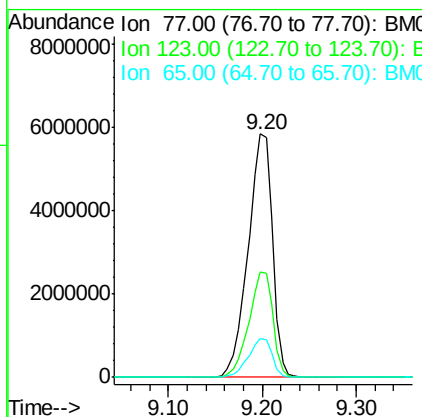
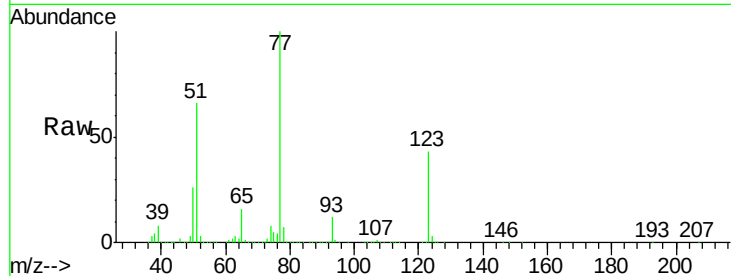
#20
Nitrobenzene
Concen: 390.534 ng/ul
RT: 9.20 min Scan# 1005
Delta R.T. 0.02 min
Lab File: BM011609.D
Acq: 19 Sep 2017 18:01

Instrument :
BNA_M
ClientSampled :
C0AJ2

Tgt Ion: 77 Resp:10454469
Ion Ratio Lower Upper
77 100
123 43.2 31.8 47.8
65 16.1 10.6 16.0#

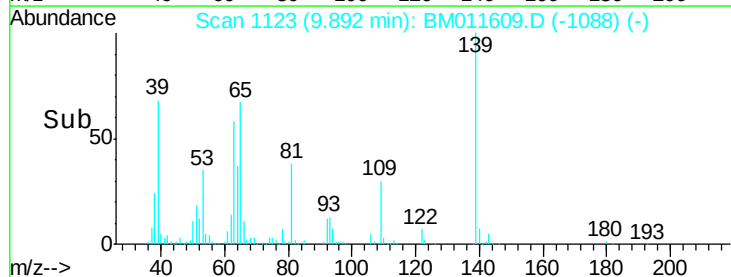
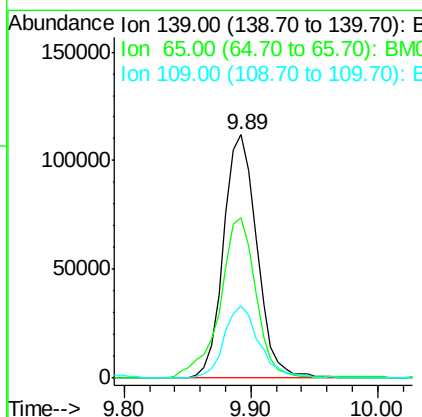
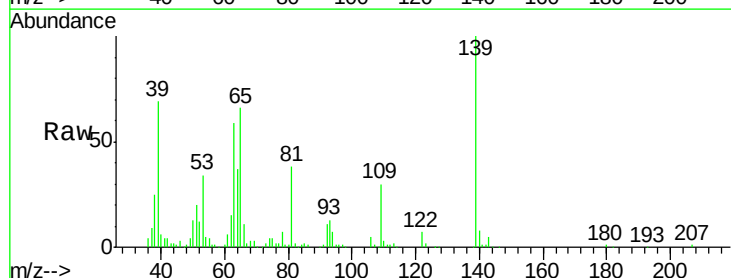
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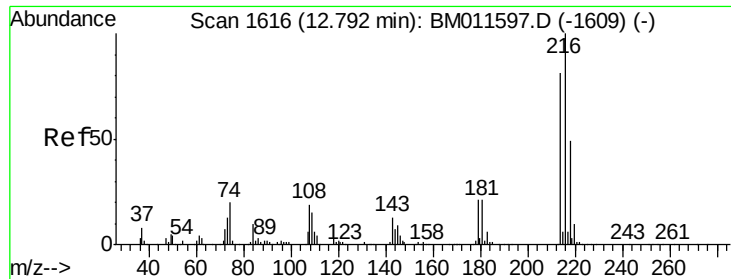
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#23
2-Nitrophenol
Concen: 16.466 ng/ul
RT: 9.89 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BM011609.D
Acq: 19 Sep 2017 18:01

Tgt Ion:139 Resp: 204751
Ion Ratio Lower Upper
139 100
65 65.8 45.3 67.9
109 29.6 27.7 41.5





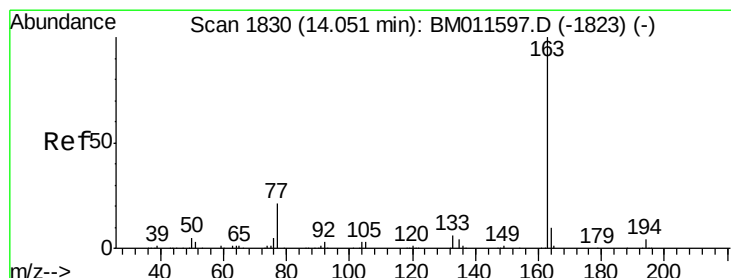
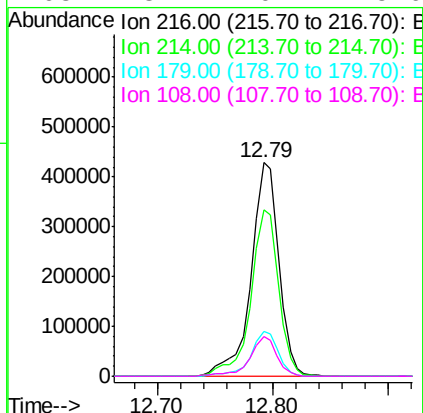
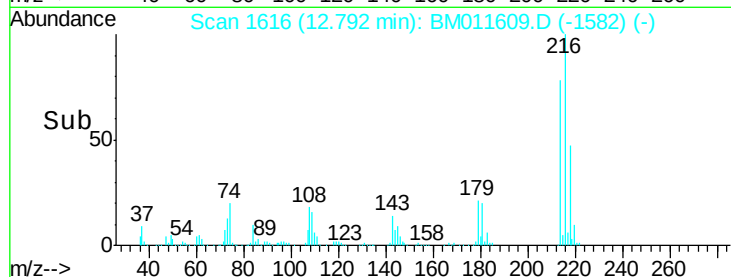
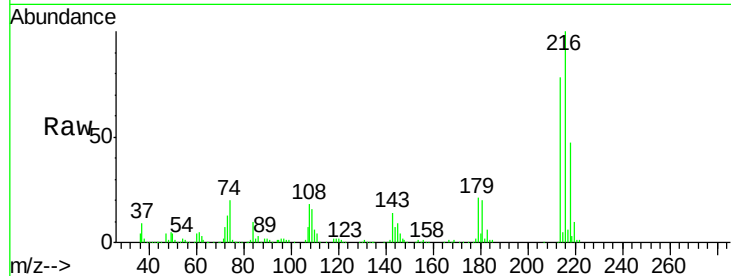
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 27.609 ng/ul
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BM011609.D
 Acq: 19 Sep 2017 18:01

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ2

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.1	64.1	96.1
179	21.2	14.5	21.7
108	18.4	10.4	15.6

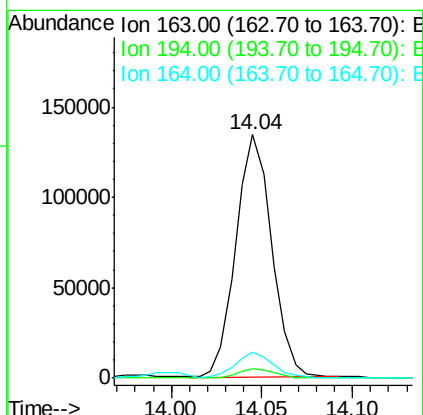
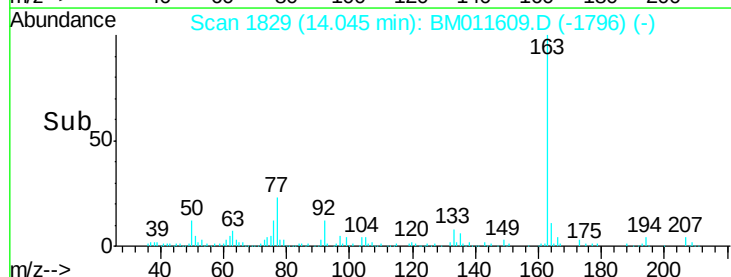
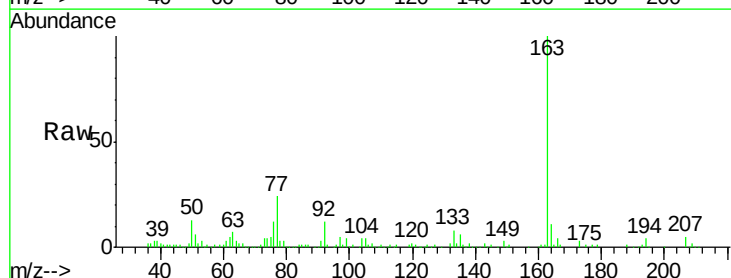
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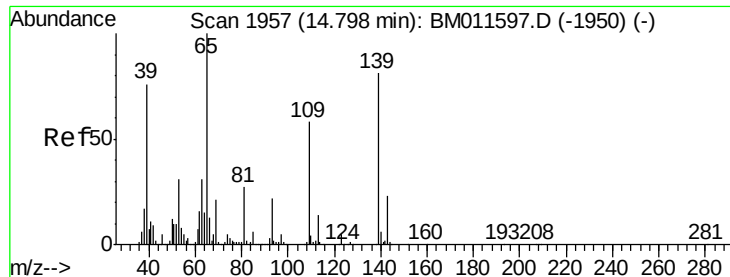
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#45
 Dimethylphthalate
 Concen: 2.592 ng/ul
 RT: 14.04 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BM011609.D
 Acq: 19 Sep 2017 18:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	4.0	6.0
164	10.6	8.4	12.6





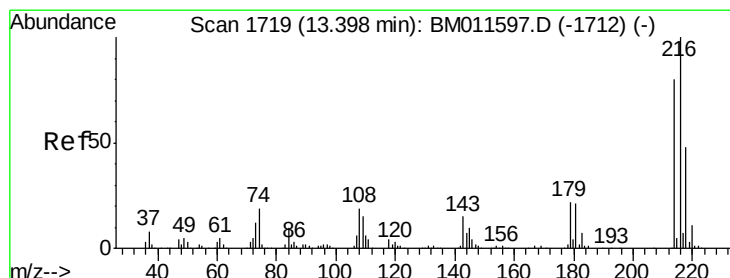
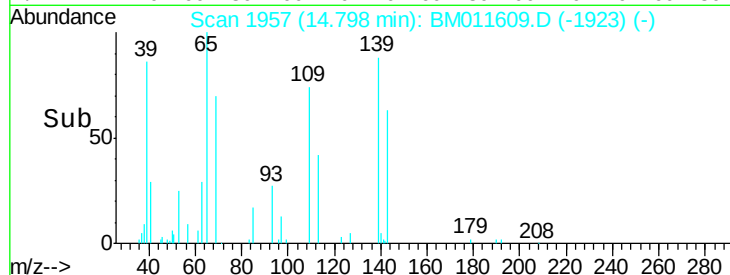
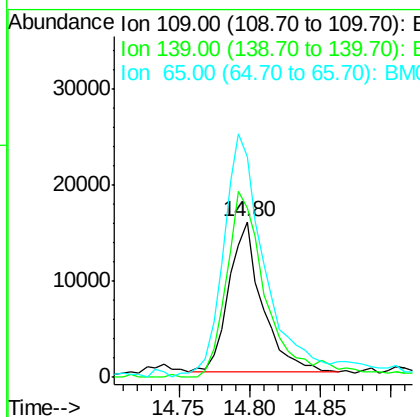
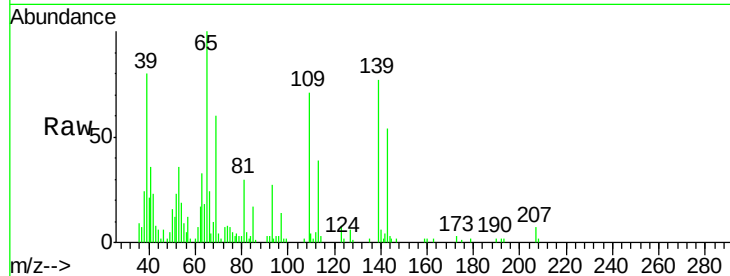
#53
4-Nitrophenol
Concen: 2.864 ng/ul
RT: 14.80 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BM011609.D
Acq: 19 Sep 2017 18:01

Instrument :
BNA_M
ClientSampled :
C0AJ2

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	25810		
139	108.9	91.2	136.8	
65	141.6	92.6	139.0#	

Manual Integrations
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#73
1,2,3,4-Tetrachlorobenzene
Concen: 80.126 ng/uL
RT: 13.40 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BM011609.D
Acq: 19 Sep 2017 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	2126087		
214	78.1	64.1	96.1	
218	48.2	39.4	59.0	

