

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014169.D
 Acq On : 07 Feb 2018 20:07
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 5 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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Quant Time: Feb 08 10:49:29 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	70802	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	314268	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	213761	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	563578	20.00	ng	0.00
75) Chrysene-d12	21.17	240	678953	20.00	ng	0.00
86) Perylene-d12	23.34	264	644026	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	556394	136.97	ng	0.00
7) Phenol-d6	6.73	99	758074	131.77	ng	0.00
23) Nitrobenzene-d5	8.70	82	689809	98.04	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	445556	146.89	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1584485	92.53	ng	0.00
78) Terphenyl-d14	19.60	244	3039249	87.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	8176	4.90	ng	# 100
3) Pyridine	3.55	79	18641	4.03	ng	# 80
4) n-Nitrosodimethylamine	3.46	42	13058	4.43	ng	# 41
32) Benzoic acid	9.69	122	1653	6.59	ng	# 83
33) 4-Chloroaniline	10.52	127	24604	3.44	ng	# 81
35) Caprolactam	11.30	113	5686m	3.42	ng	
52) 3-Nitroaniline	14.15	138	14200	3.50	ng	83
55) 4-Nitrophenol	14.51	139	5332	7.33	ng	# 81
64) 4,6-Dinitro-2-methylphenol	15.39	198	9141	7.66	ng	92

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

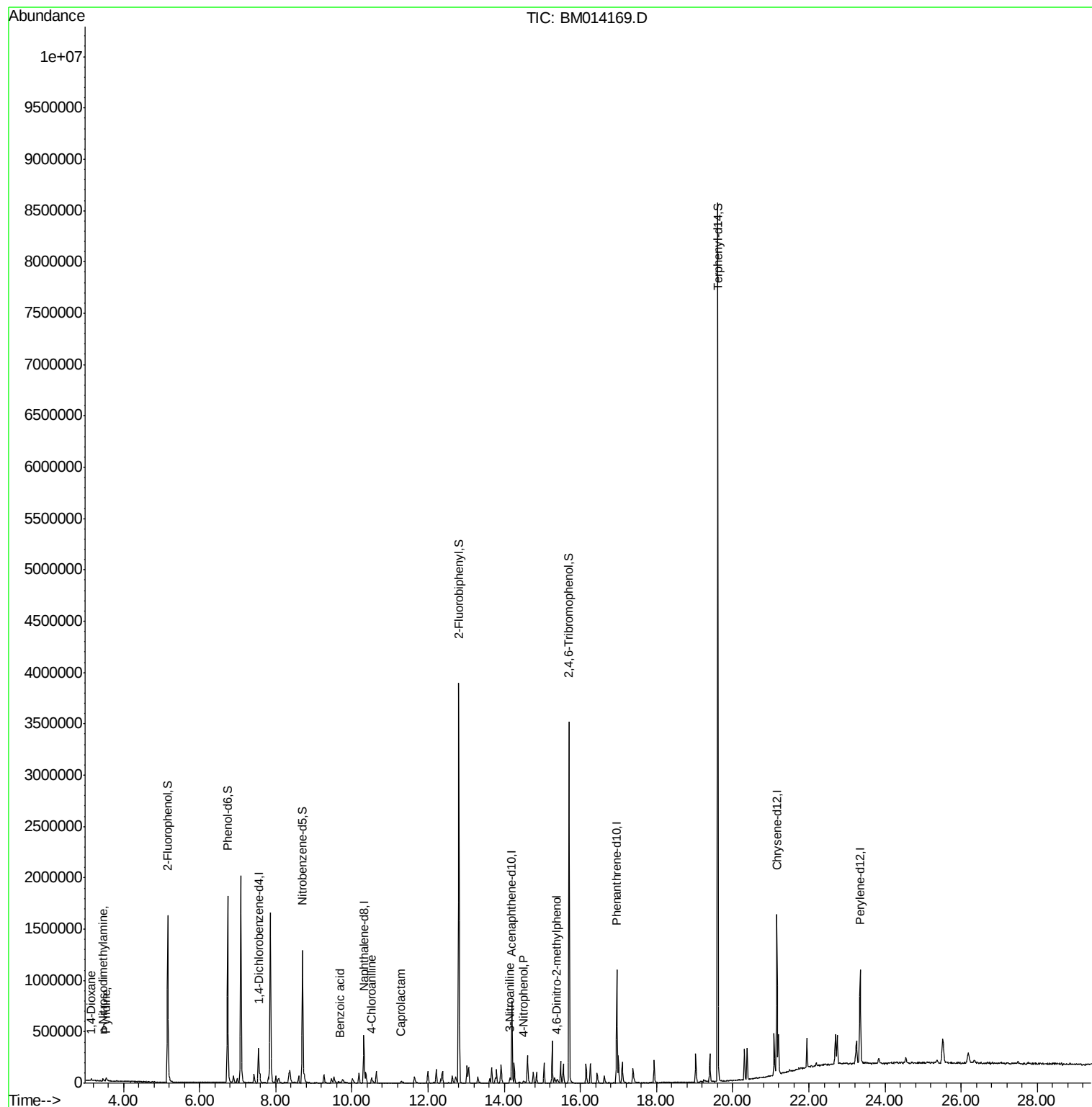
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014169.D
Acq On : 07 Feb 2018 20:07
Operator : SJ/JU
Sample : J1161-01
Misc : LOD 5 PPM
ALS Vial : 5 Sample Multiplier: 1

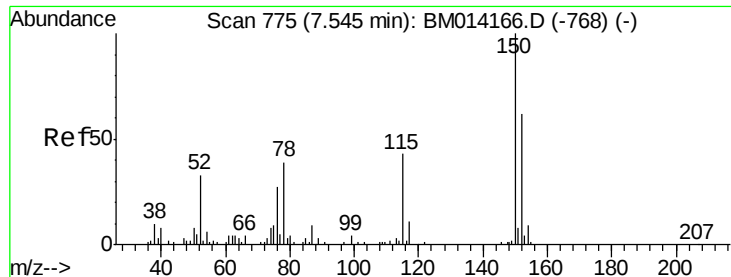
Instrument :
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QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

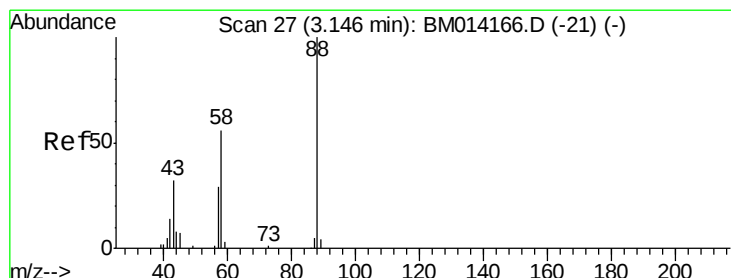
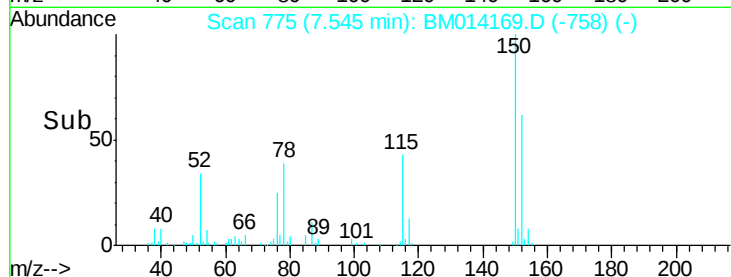
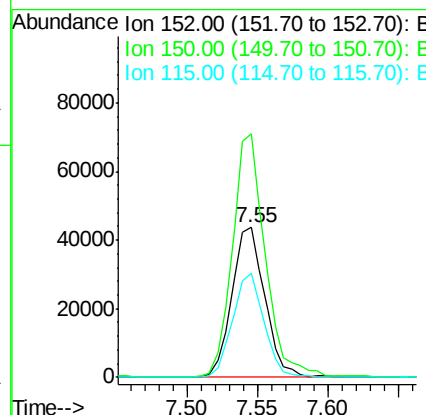
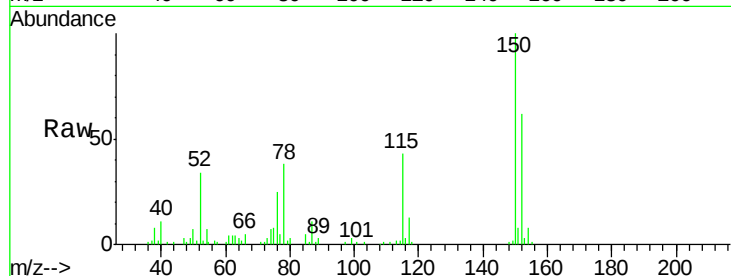
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.5	119.5	179.3
115	69.6	43.0	64.4

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#2

1,4-Dioxane

Concen: 4.90 ng

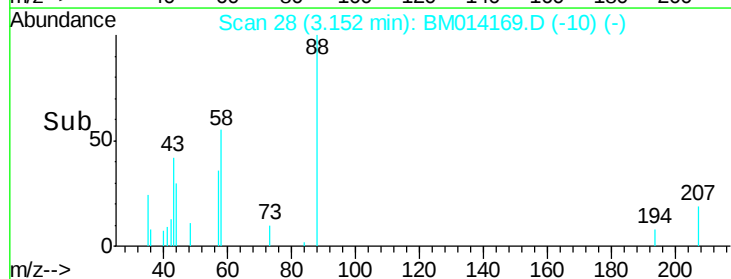
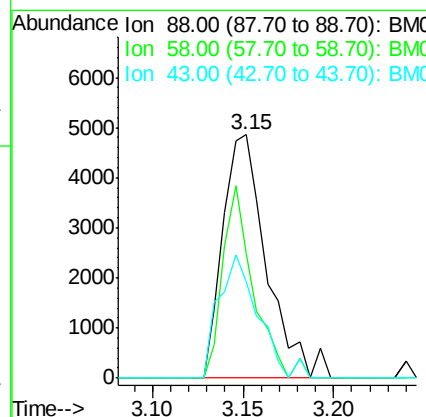
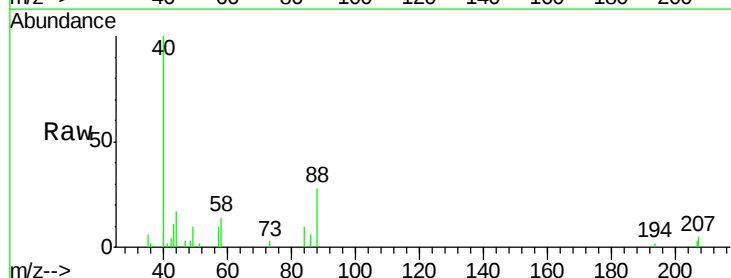
RT: 3.15 min Scan# 28

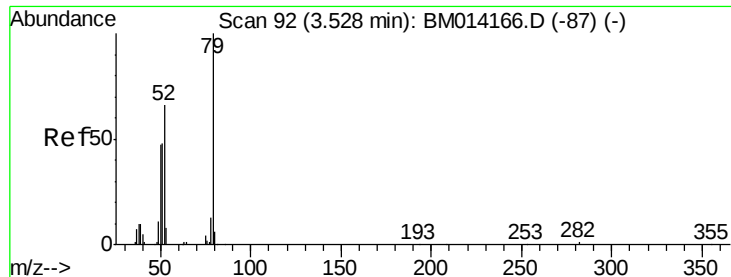
Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.3	0.0	0.0
43	44.0	0.0	0.0





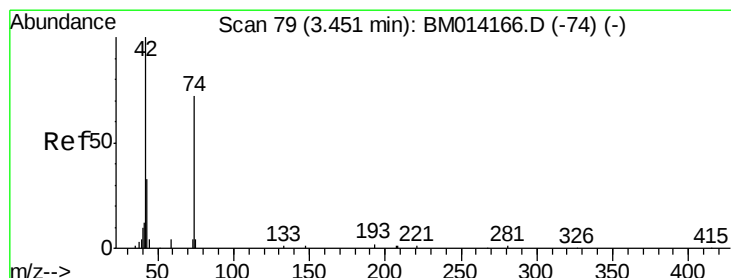
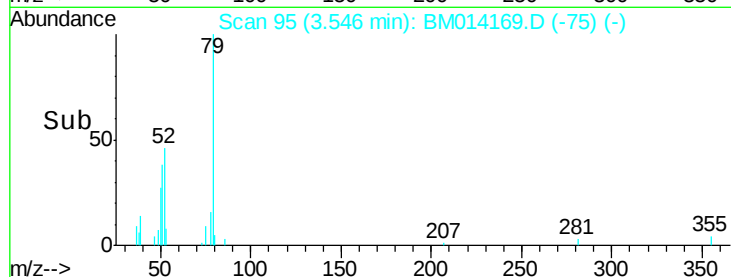
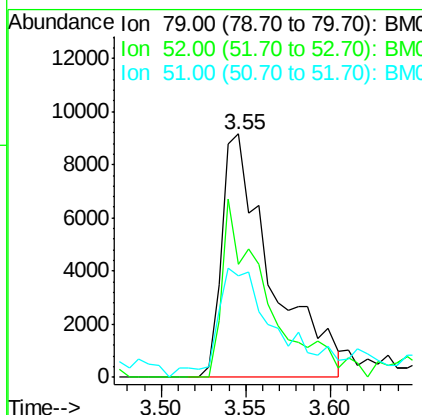
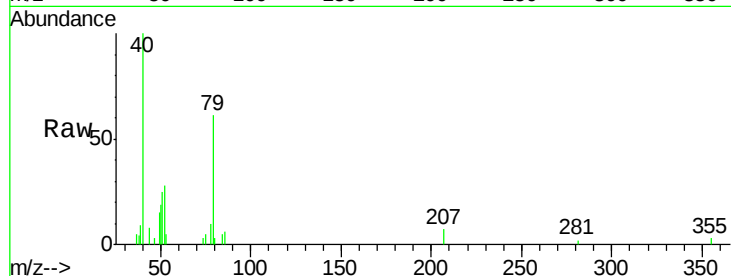
#3
 Pyridine
 Concen: 4.03 ng
 RT: 3.55 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
79	100		
52	46.5	51.1	76.7#
51	41.6	26.1	39.1#

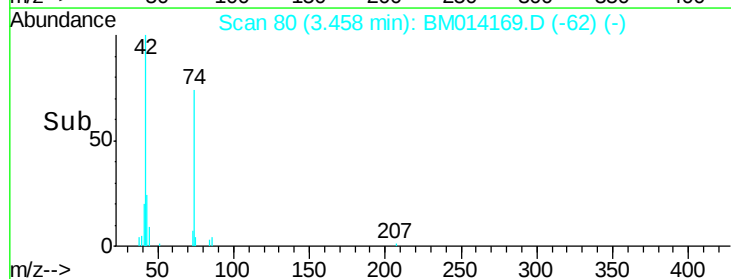
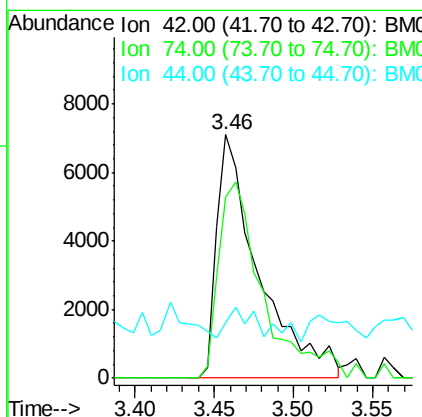
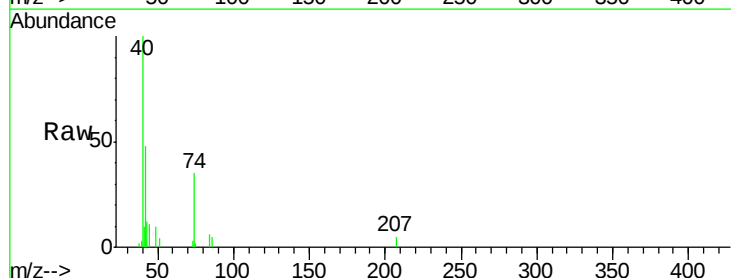
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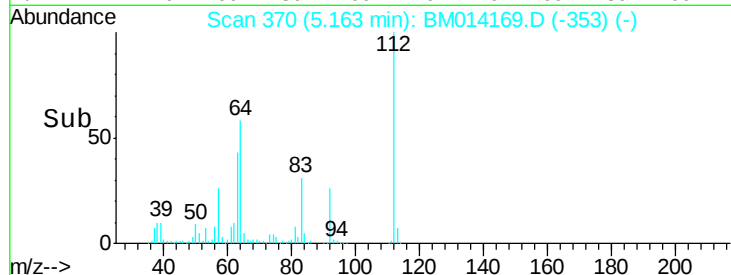
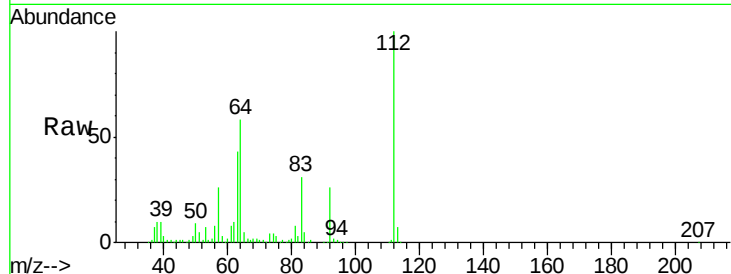
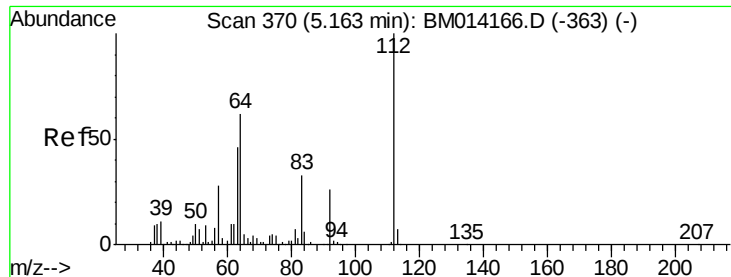
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#4
 n-Nitrosodimethylamine
 Concen: 4.43 ng
 RT: 3.46 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	74.1	119.3	178.9#
44	22.8	5.4	8.2#





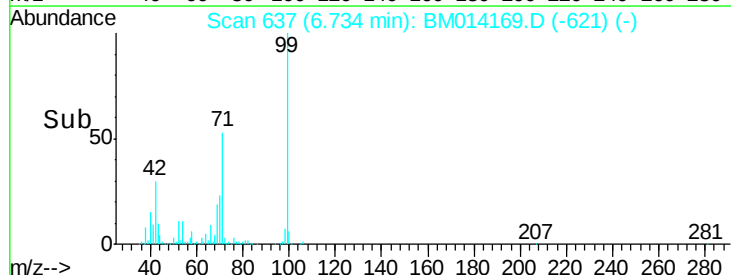
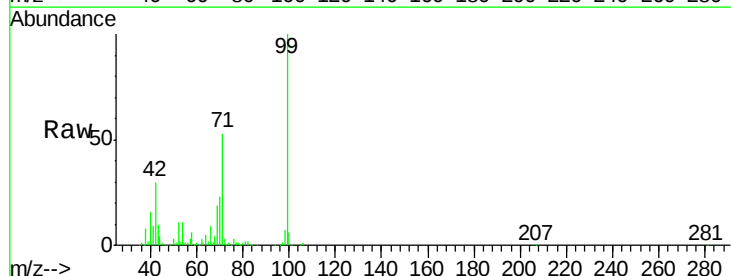
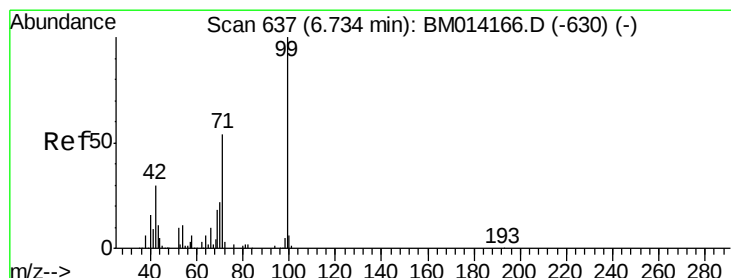
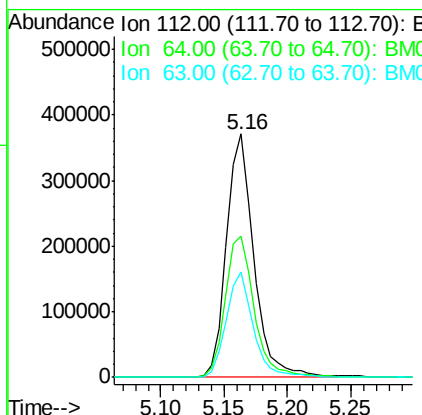
#5
2-Fluorophenol
Concen: 136.97 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Resp Lower	Upper
112	100		
64	58.1	38.6	57.8#
63	43.4	19.3	28.9#

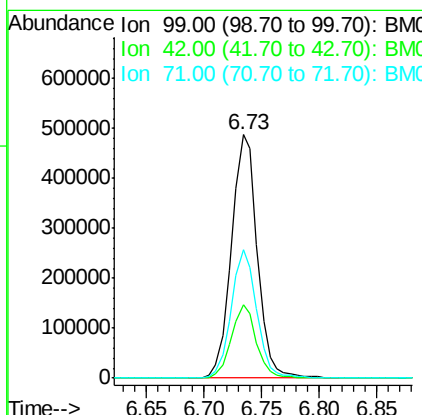
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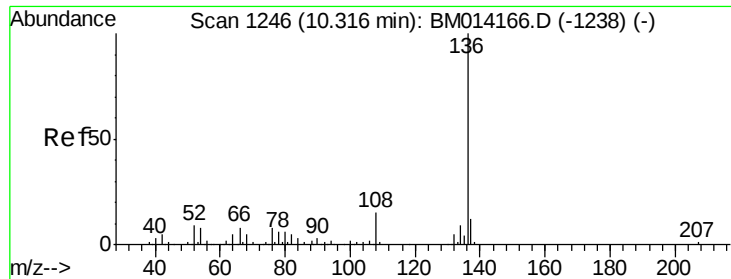
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#7
Phenol-d6
Concen: 131.77 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Resp Lower	Upper
99	100		
42	30.3	11.0	16.4#
71	52.7	23.4	35.2#





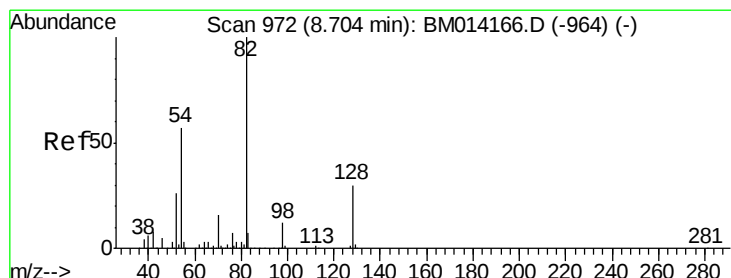
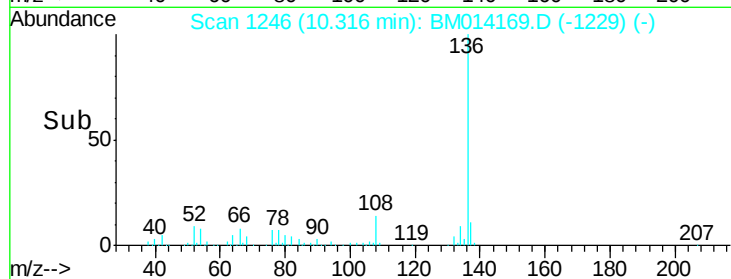
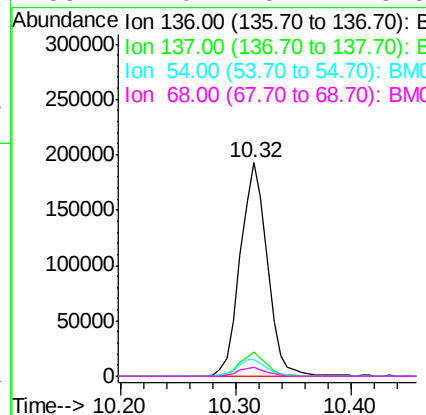
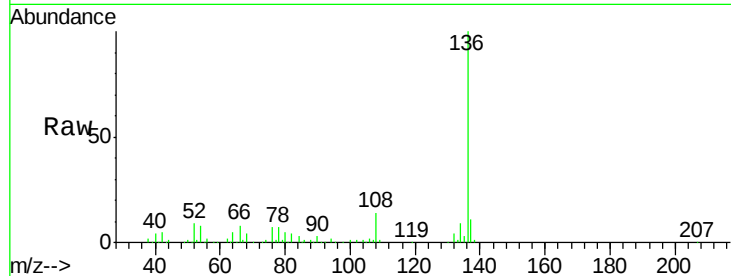
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	314268		
137	11.5	8.7	13.1	
54	8.0	4.6	6.8	
68	4.0	3.7	5.5	

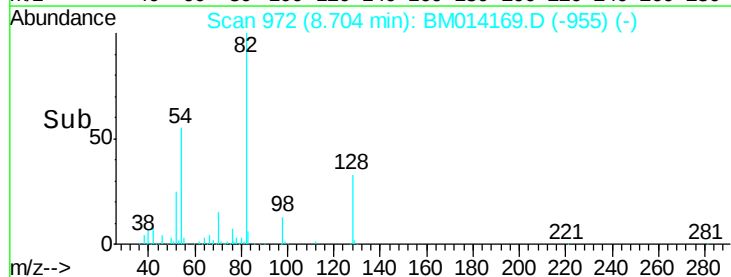
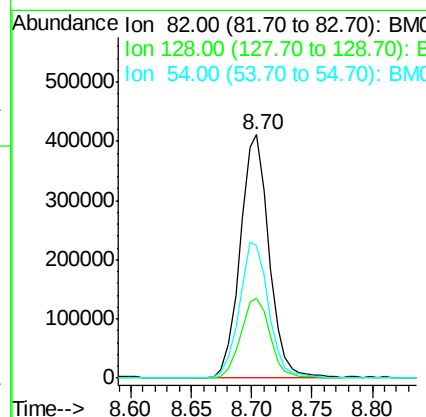
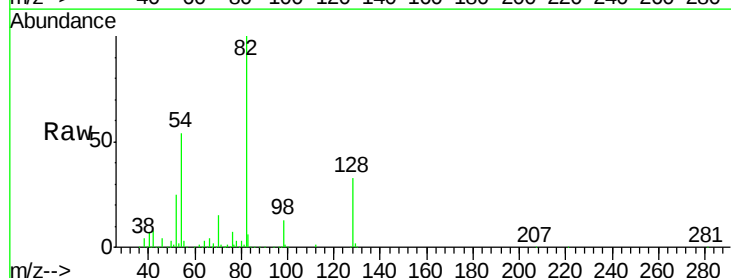
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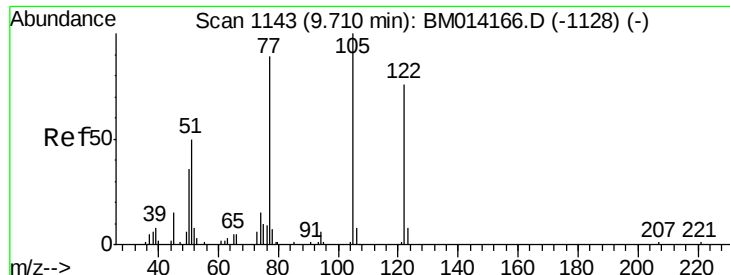
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#23
Nitrobenzene-d5
Concen: 98.04 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014169.D
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	689809		
128	32.7	32.8	49.2	
54	54.1	40.6	60.8	





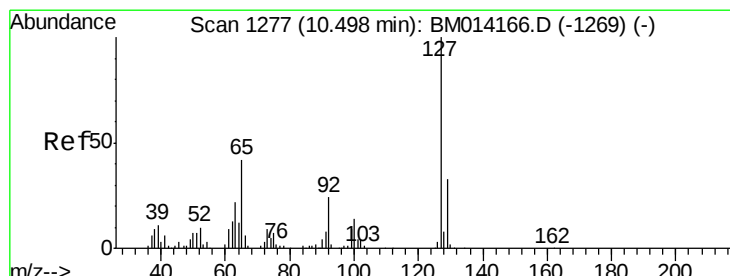
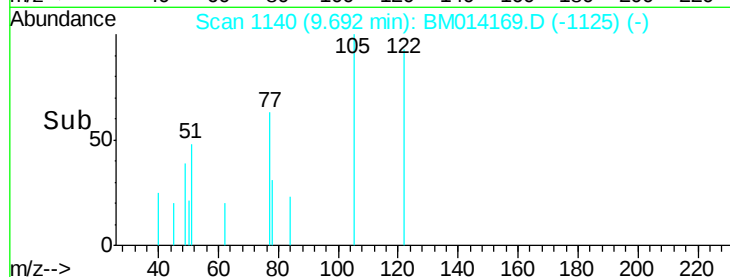
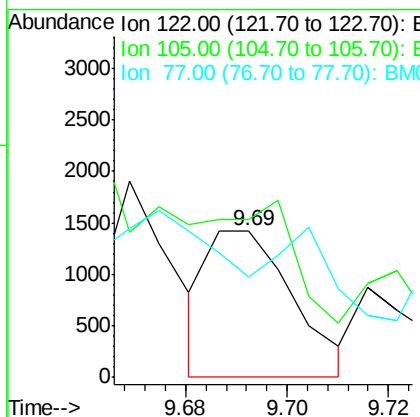
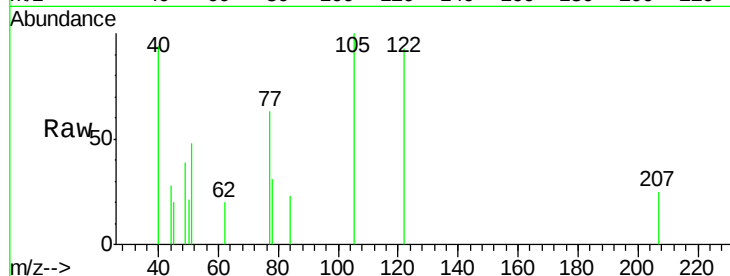
#32
Benzoic acid
Concen: 6.59 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	1653		
105	108.1	99.9	139.9	
77	68.5	73.7	113.7#	

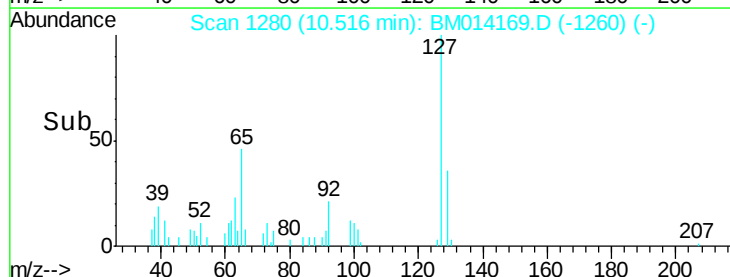
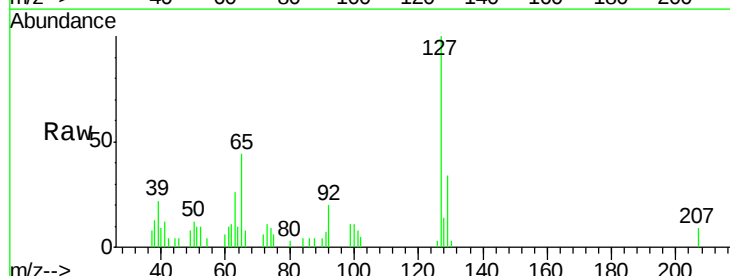
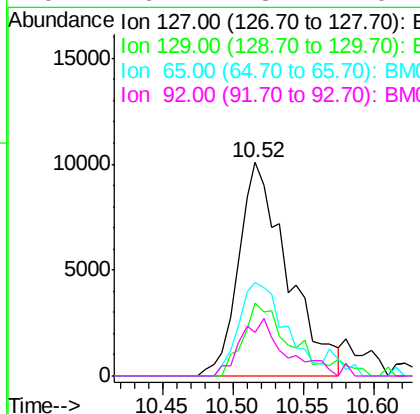
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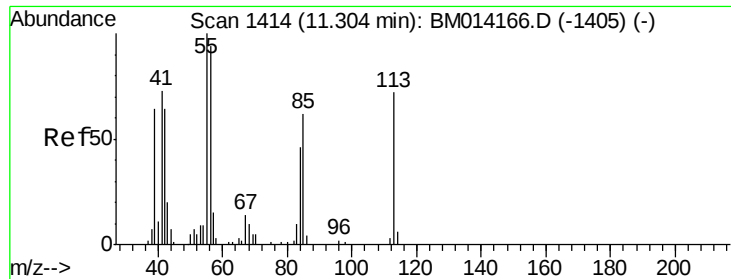
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#33
4-Chloroaniline
Concen: 3.44 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	24604		
129	34.2	25.3	37.9	
65	43.7	17.6	26.4#	
92	20.4	13.1	19.7#	





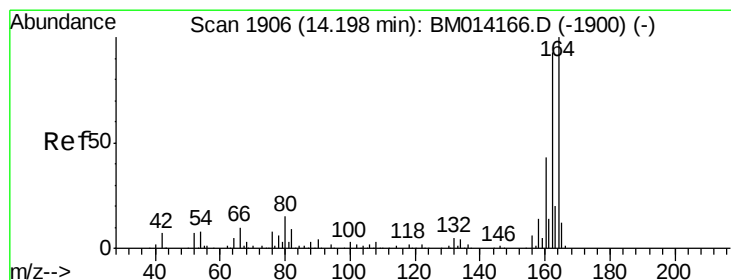
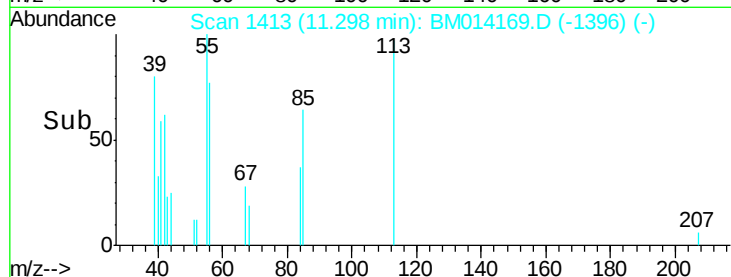
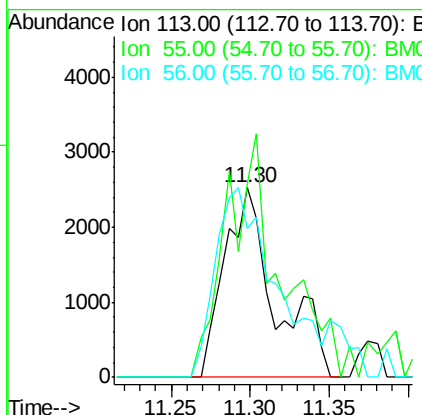
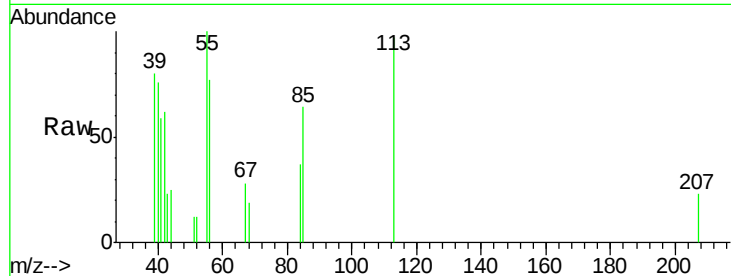
#35
 Caprolactam
 Concen: 3.42 ng m
 RT: 11.30 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	102.7	145.9	185.9#
56	79.0	101.0	141.0#

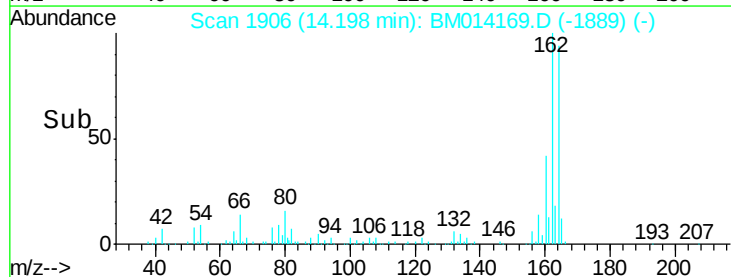
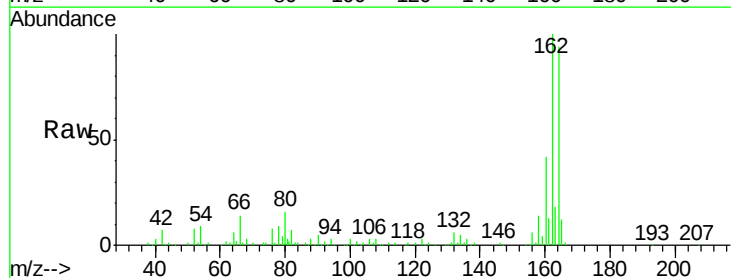
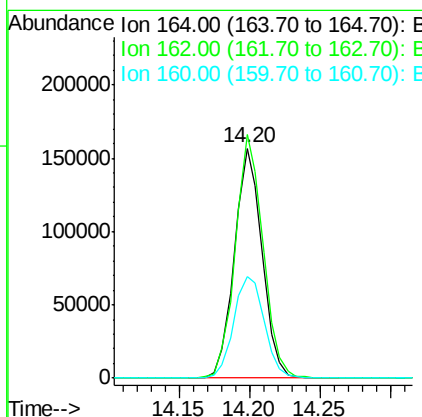
Manual Integrations
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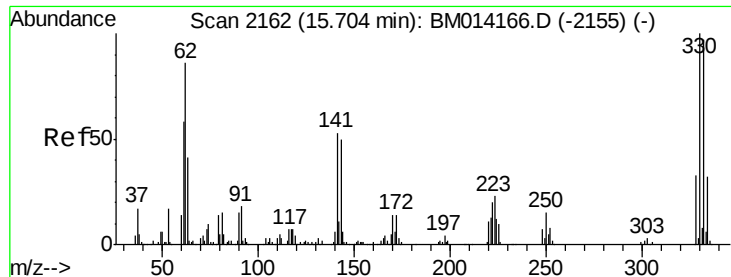
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	82.4	123.6
160	44.2	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 146.89 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

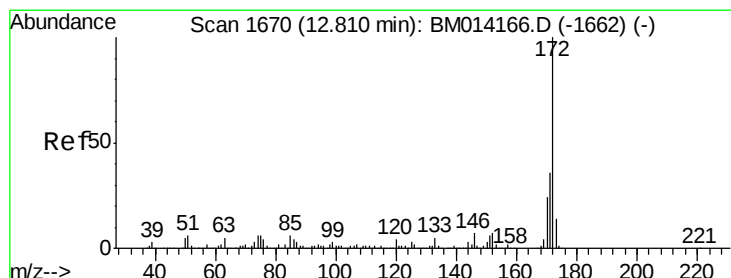
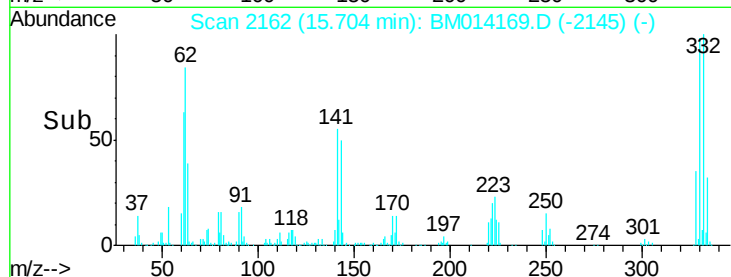
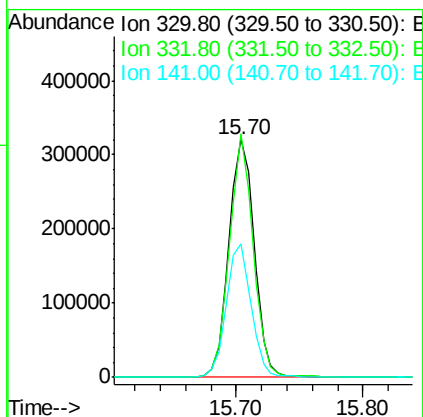
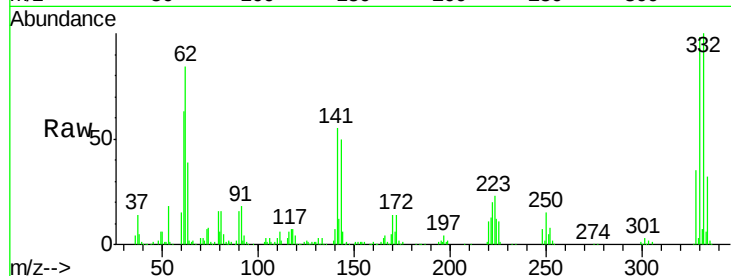
ClientSampleId :

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Tgt Ion:	330	Resp:	445556
Ion Ratio		Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	54.5	0.0	0.0#

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#44

2-Fluorobiphenyl

Concen: 92.53 ng

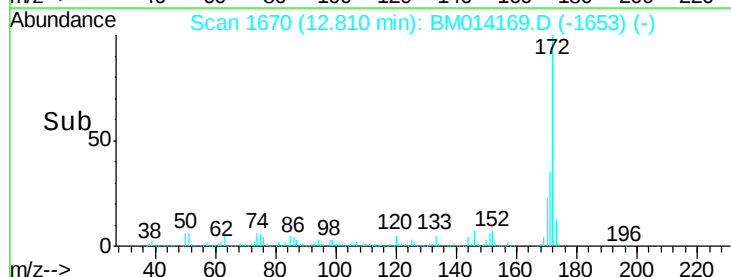
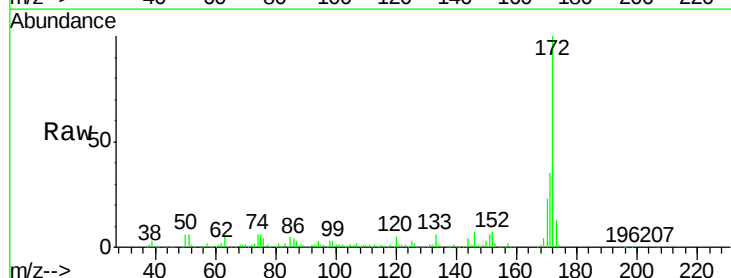
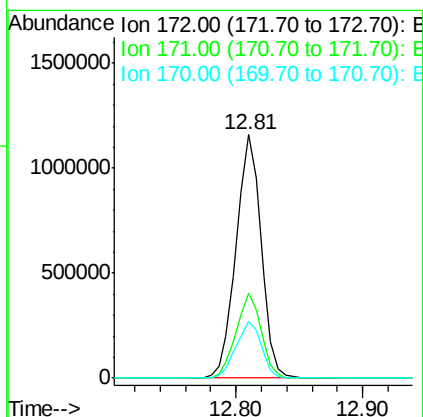
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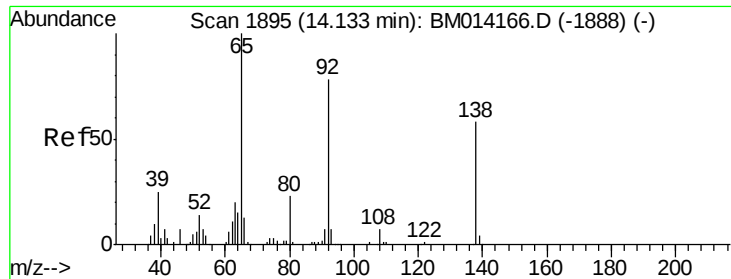
Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:	172	Resp:	1584485
Ion Ratio		Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	18.8	28.2





#52

3-Nitroaniline

Concen: 3.50 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.02 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

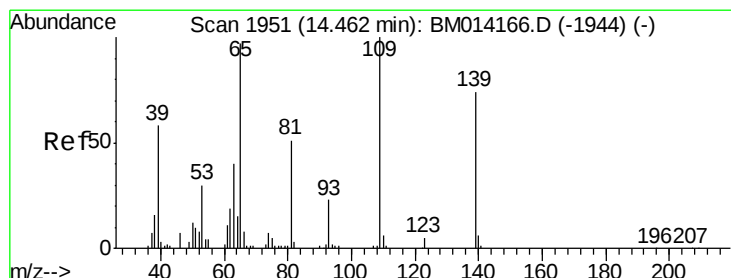
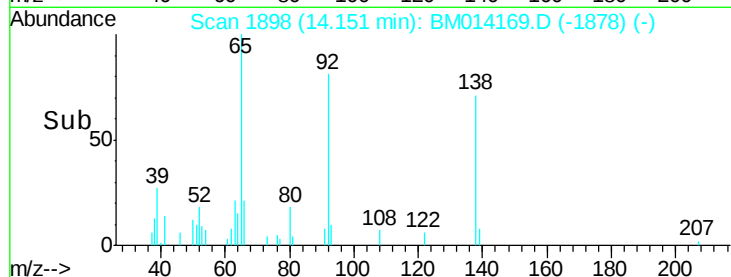
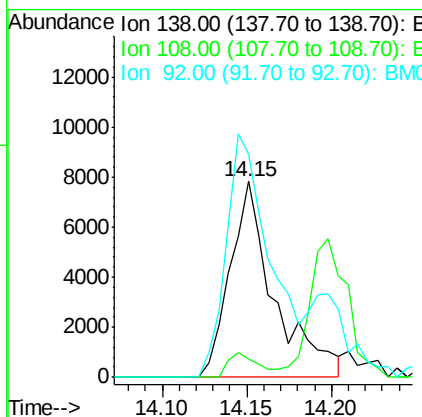
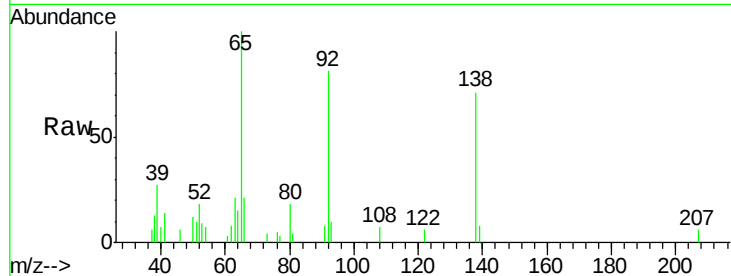
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:138 Resp: 14200
 Ion Ratio Lower Upper
 138 100
 108 9.6 7.3 10.9
 92 114.0 76.6 114.8

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#55

4-Nitrophenol

Concen: 7.33 ng

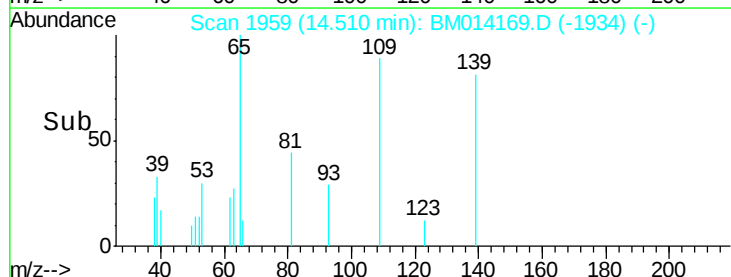
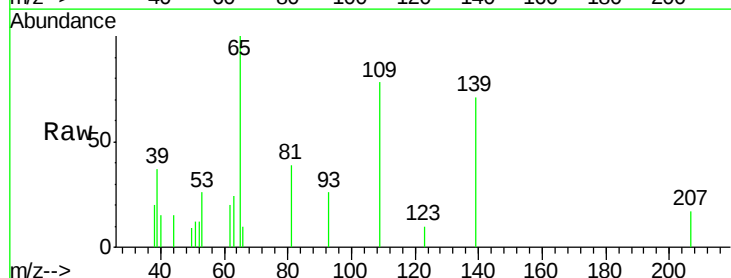
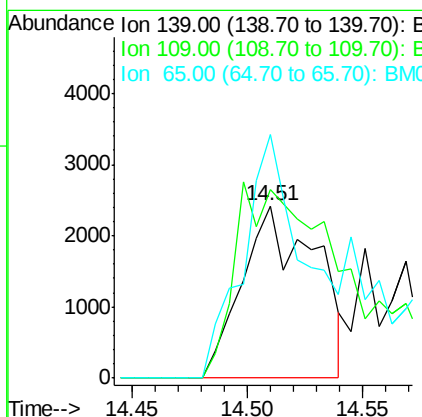
RT: 14.51 min Scan# 1959

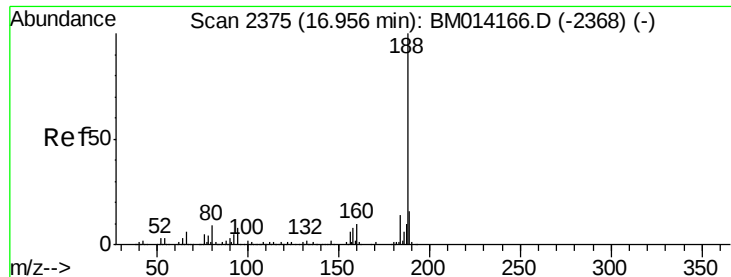
Delta R.T. 0.05 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:139 Resp: 5332
 Ion Ratio Lower Upper
 139 100
 109 109.9 130.0 170.0#
 65 141.6 130.0 170.0





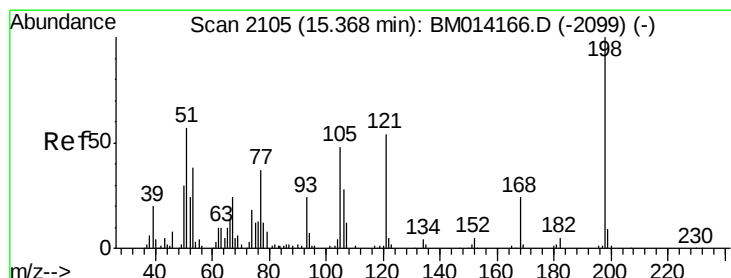
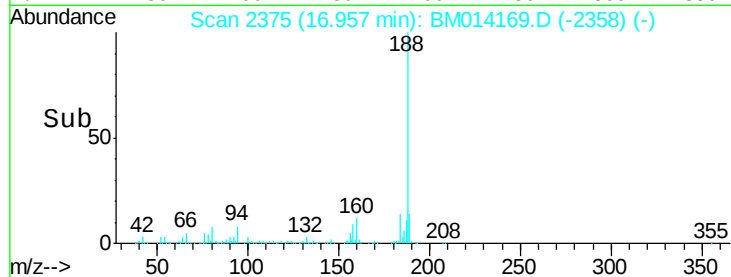
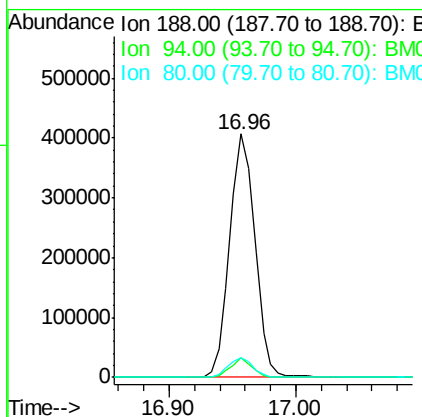
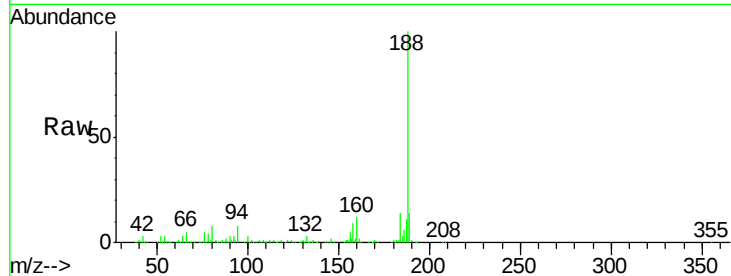
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.0	8.7	13.1#
80	8.1	9.3	13.9#

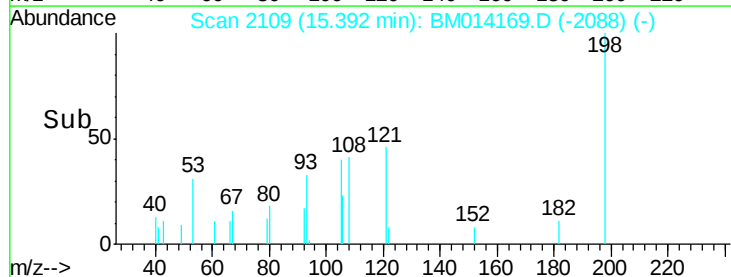
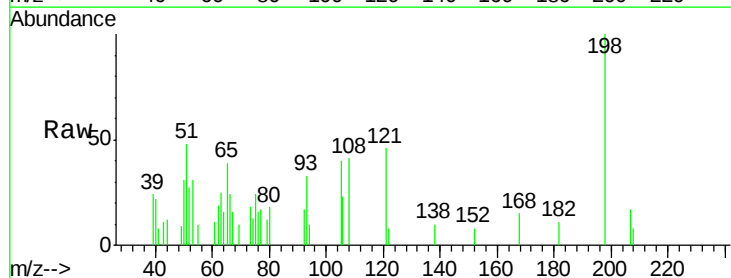
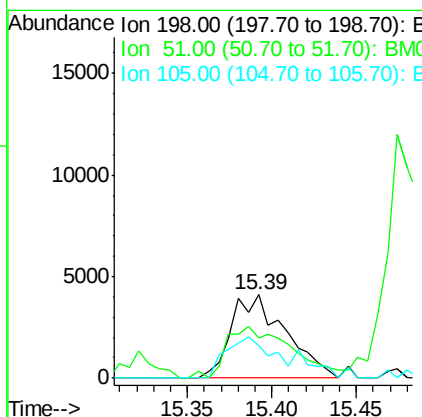
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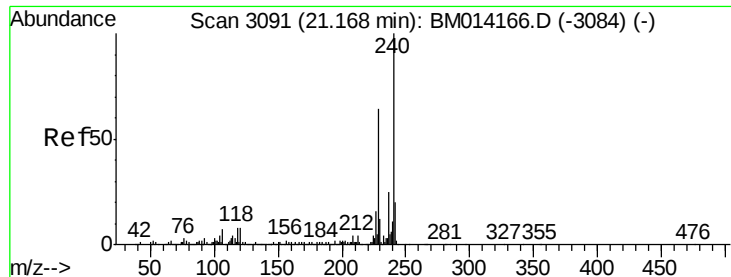
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.66 ng
RT: 15.39 min Scan# 2109
Delta R.T. 0.02 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	48.1	28.8	68.8
105	39.7	30.5	70.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

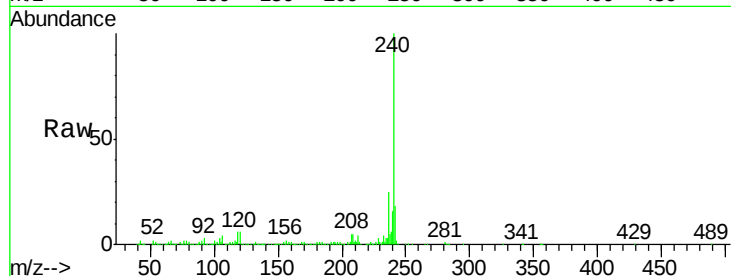
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

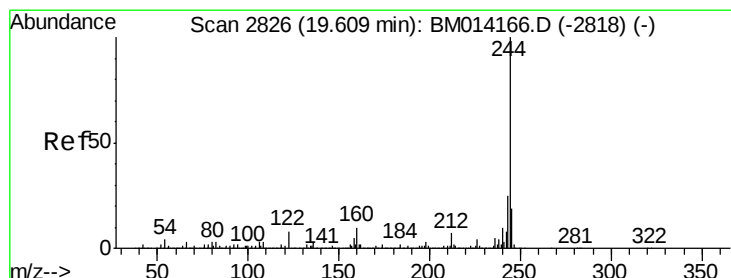
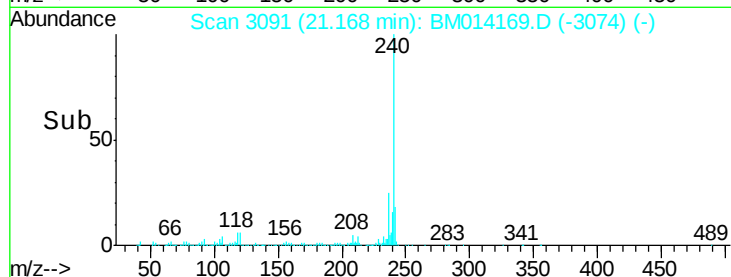
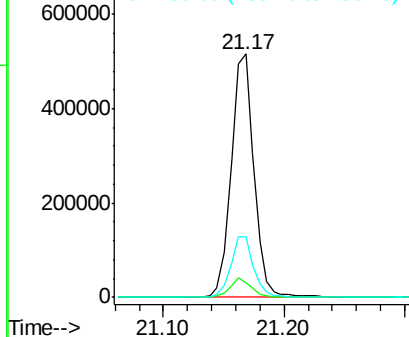
Tgt Ion:	240	Resp:	678953
Ion Ratio		Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	25.1	20.0	30.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.47 ng

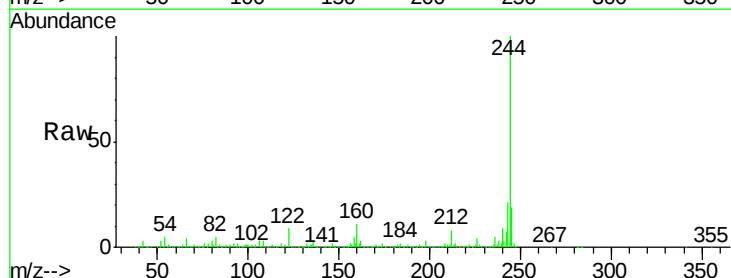
RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

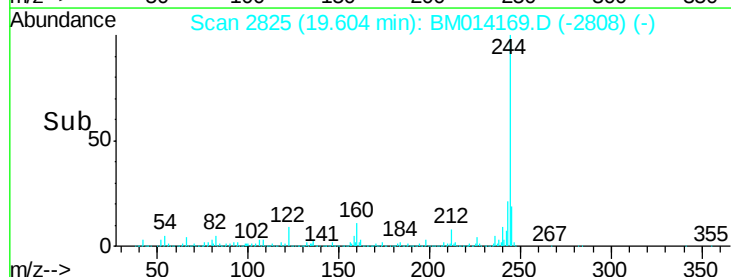
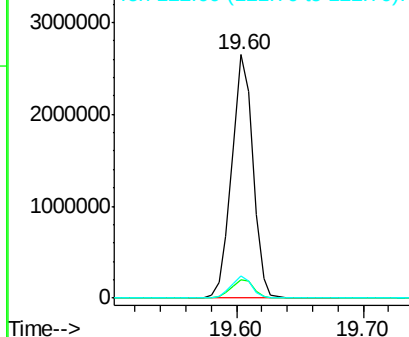
Lab File: BM014169.D

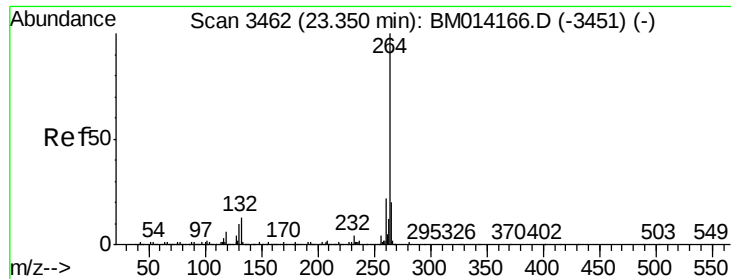
Acq: 07 Feb 2018 20:07

Tgt Ion:	244	Resp:	3039249
Ion Ratio		Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	8.9	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	22.1	17.3	25.9

Manual Integrations
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