

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014173.D
 Acq On : 07 Feb 2018 22:30
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 2 PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Manual Integrations
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Quant Time: Feb 08 11:35:50 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	76361	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	316800	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	207200	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	523317	20.00	ng	0.00
75) Chrysene-d12	21.16	240	586025	20.00	ng	0.00
86) Perylene-d12	23.34	264	541842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	535890	122.32	ng	0.00
7) Phenol-d6	6.73	99	716553	115.48	ng	0.00
23) Nitrobenzene-d5	8.70	82	656750	92.60	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	382066	129.95	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1489836	89.76	ng	0.00
78) Terphenyl-d14	19.60	244	2544678	84.85	ng	0.00
Target Compounds						
24) Nitrobenzene	8.75	77	14940	2.05	ng	# 88
32) Benzoic acid	9.70	122	1013	6.43	ng	# 68
40) Hexachlorocyclopentadiene	12.33	237	2041	6.61	ng	# 81
64) 4,6-Dinitro-2-methylphenol	15.40	198	1411	5.92	ng	# 51
69) Pentachlorophenol	16.64	266	3912	6.72	ng	# 67

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

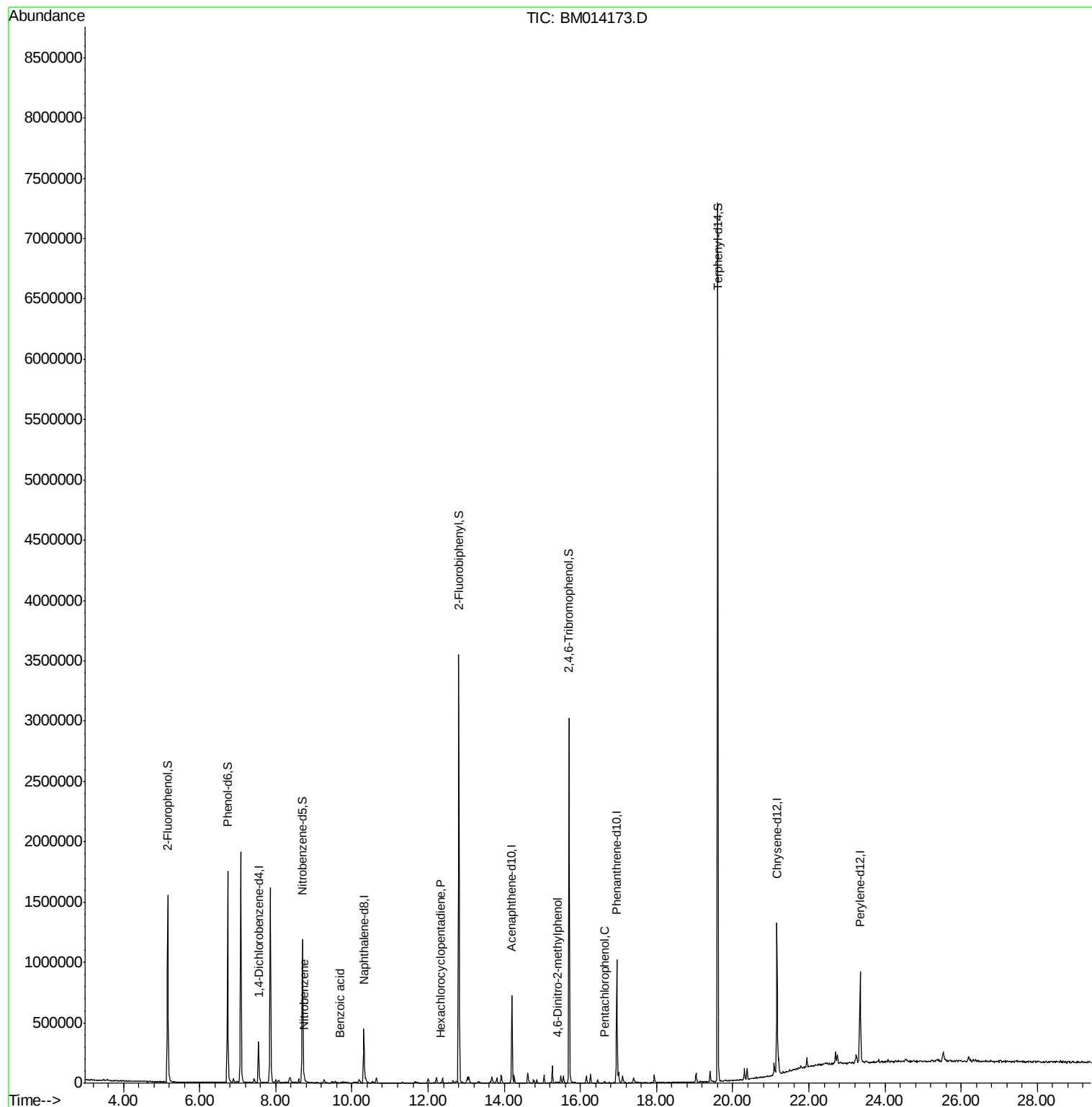
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014173.D
Acq On : 07 Feb 2018 22:30
Operator : SJ/JU
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Misc : MDL 2 PPM
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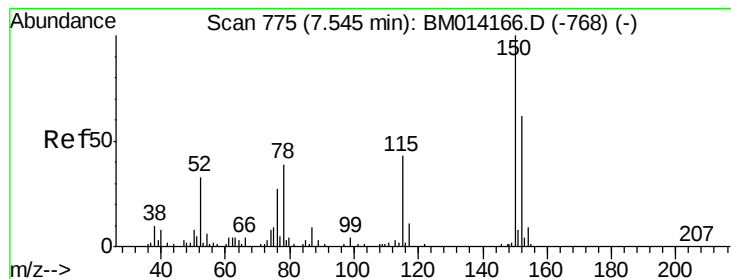
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2018

Manual Integrations
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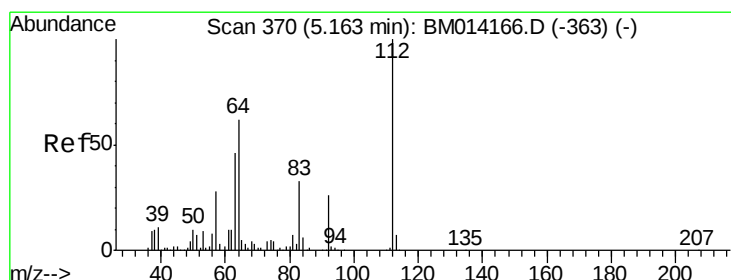
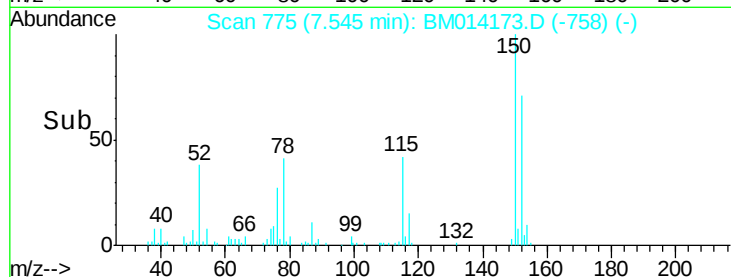
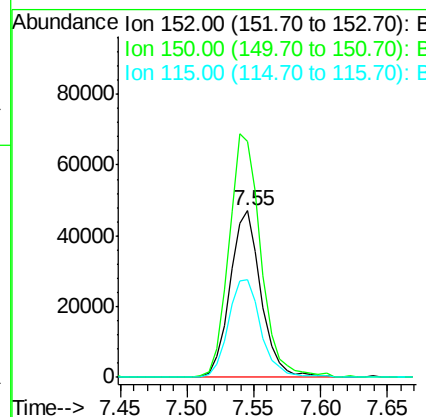
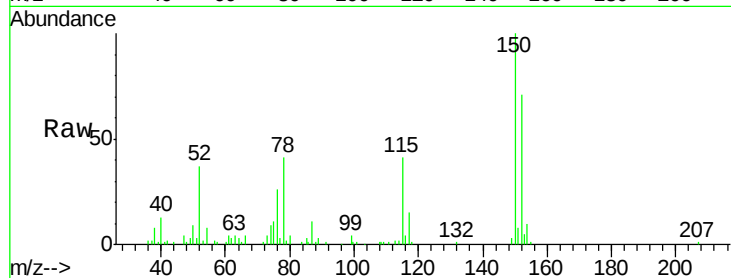
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.55 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.8	119.5	179.3
115	58.8	43.0	64.4

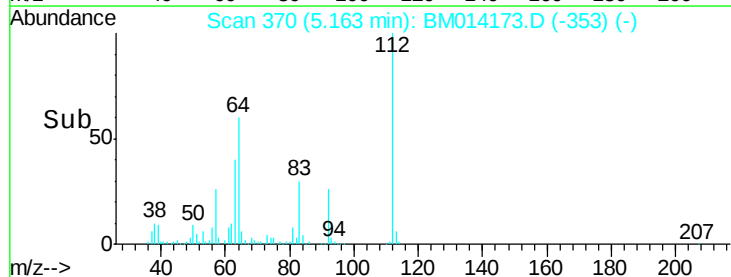
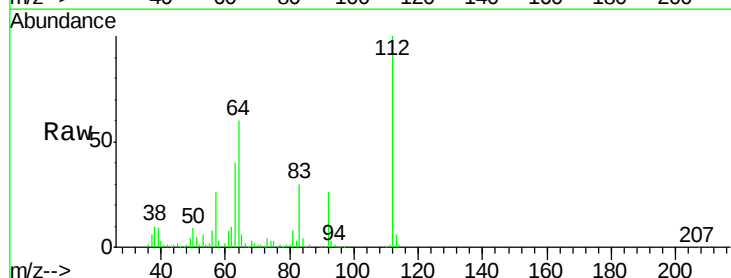
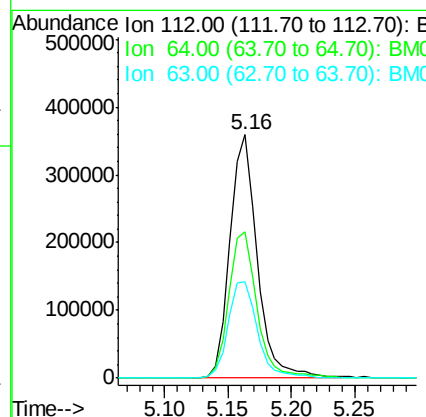
Manual Integrations
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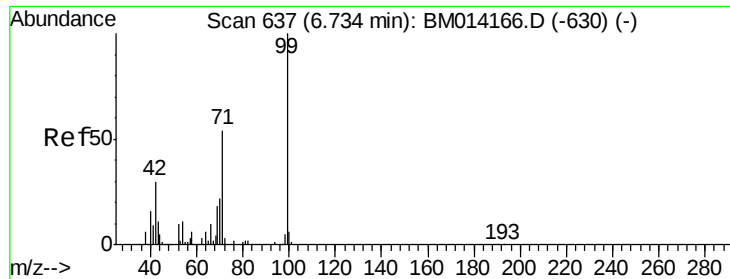
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#5
 2-Fluorophenol
 Concen: 122.32 ng
 RT: 5.16 min Scan# 370
 Delta R.T. 0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	38.6	57.8#
63	39.6	19.3	28.9#





#7

Phenol-d6

Concen: 115.48 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion: 99 Resp: 716553
Ion Ratio Lower Upper

99 100

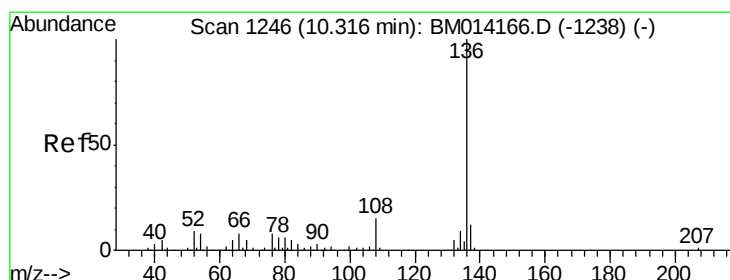
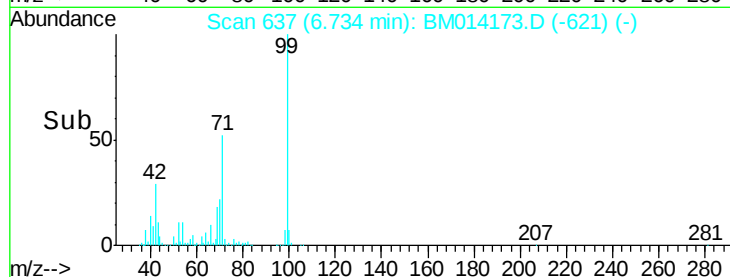
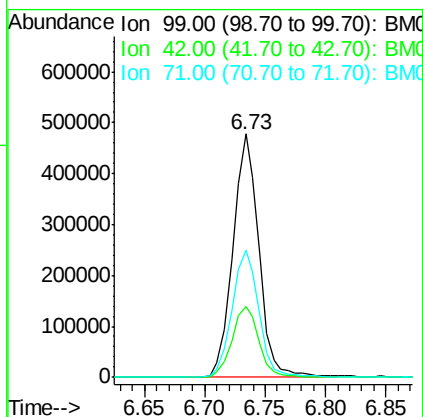
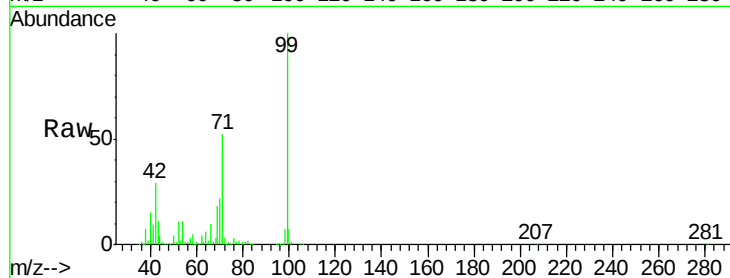
42 29.1 11.0 16.4#

71 52.2 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

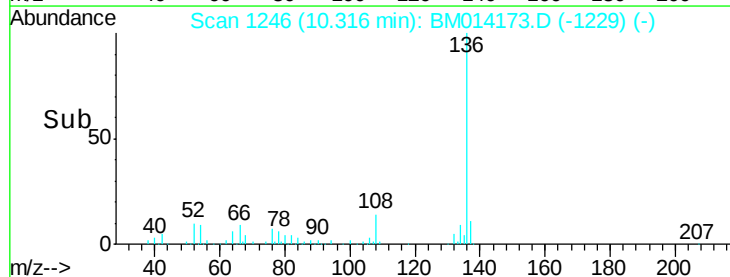
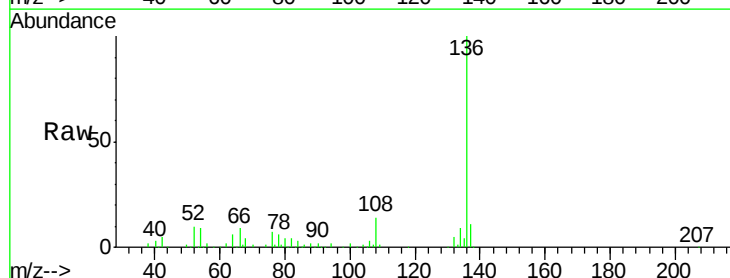
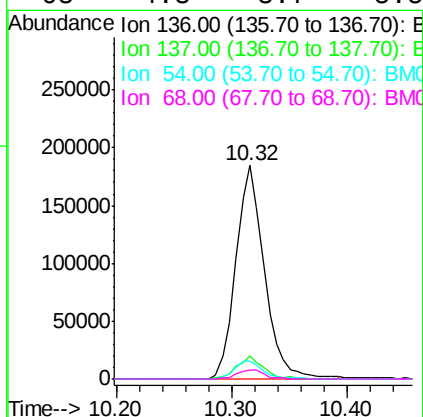
Tgt Ion: 136 Resp: 316800
Ion Ratio Lower Upper

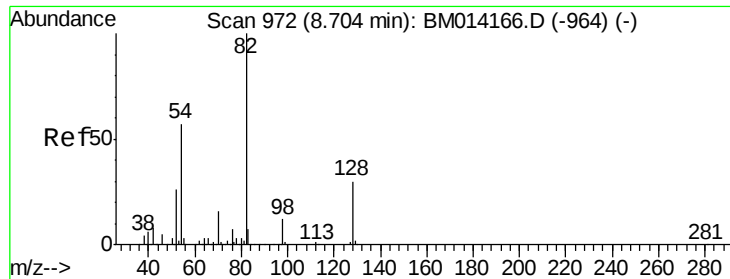
136 100

137 10.9 8.7 13.1

54 8.5 4.6 6.8#

68 4.3 3.7 5.5





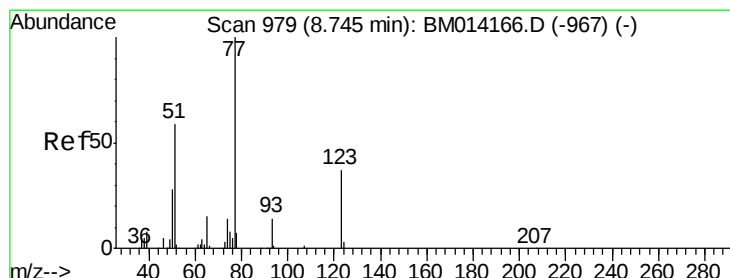
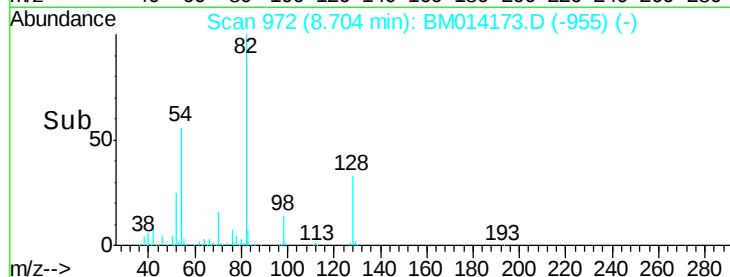
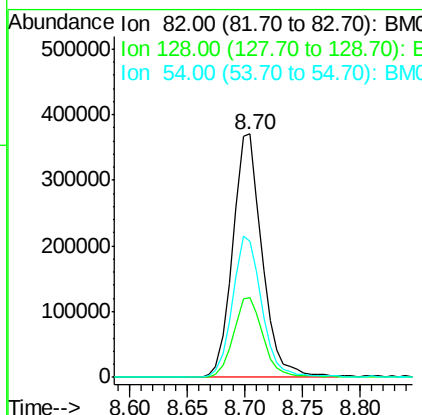
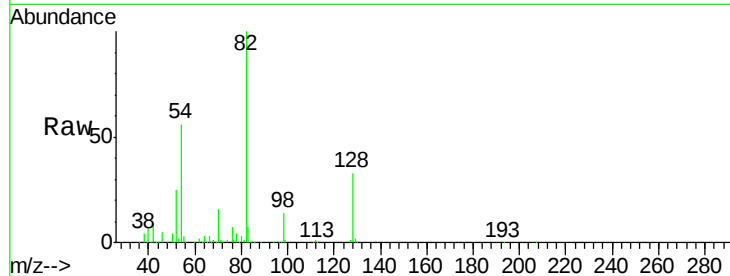
#23
 Nitrobenzene-d5
 Concen: 92.60 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	32.8	32.8	49.2
54	55.7	40.6	60.8

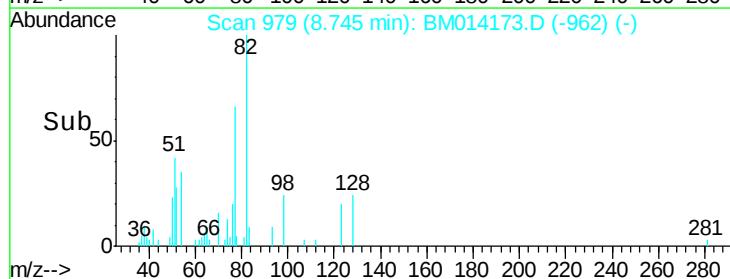
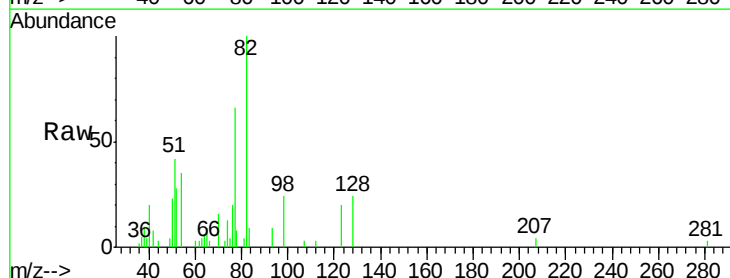
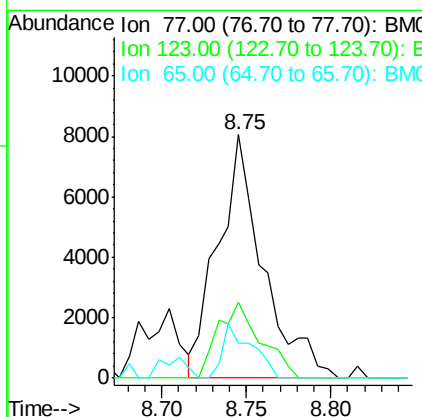
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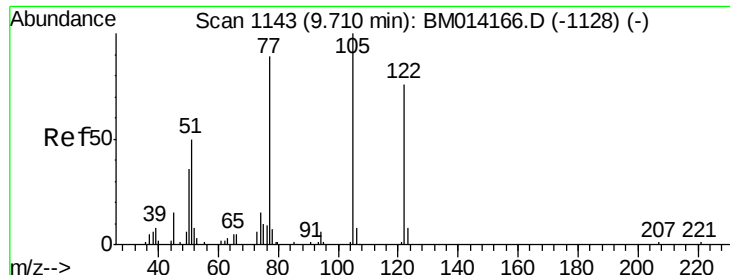
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#24
 Nitrobenzene
 Concen: 2.05 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	31.0	32.6	49.0#
65	14.3	10.9	16.3





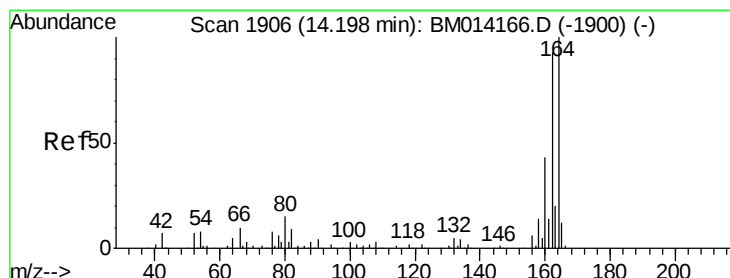
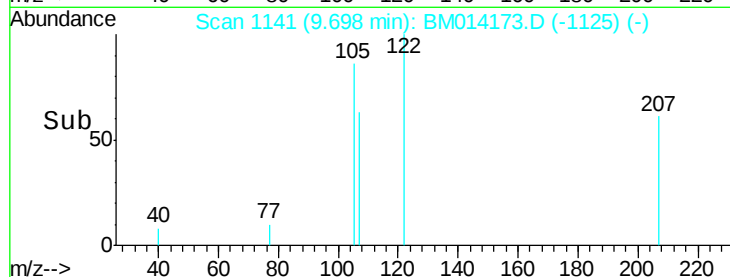
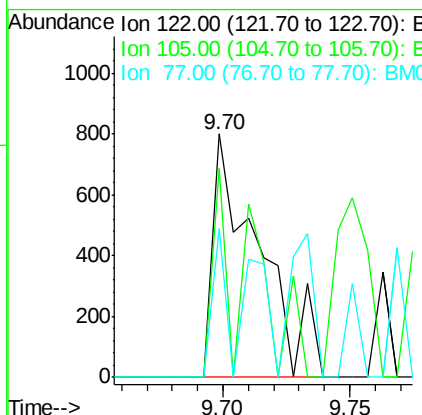
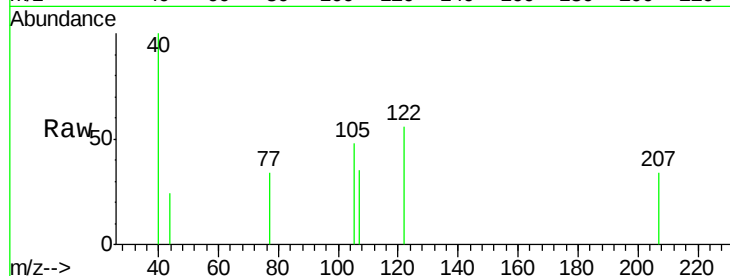
#32
Benzoic acid
Concen: 6.43 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
122	100		
105	86.0	99.9	139.9#
77	61.1	73.7	113.7#

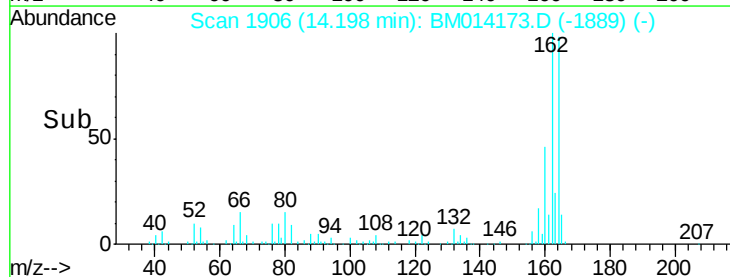
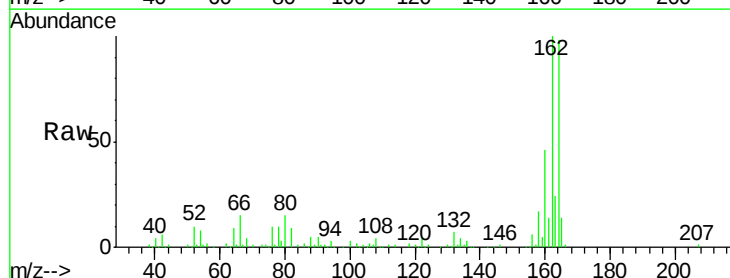
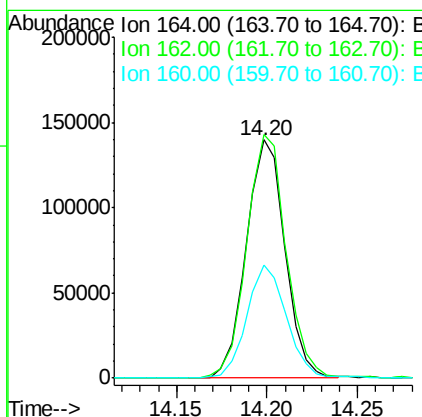
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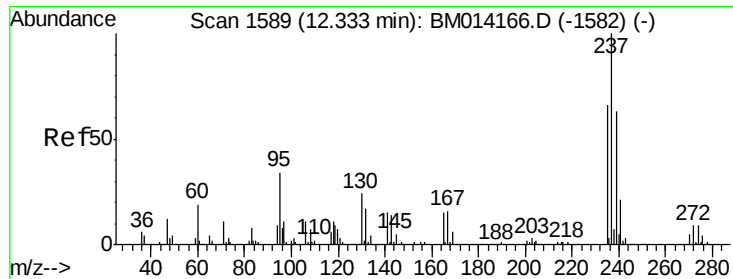
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.4	123.6
160	47.4	35.8	53.6





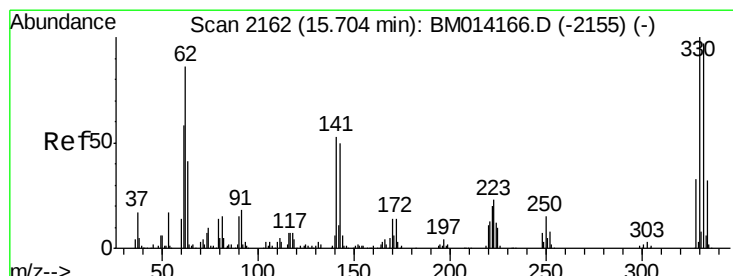
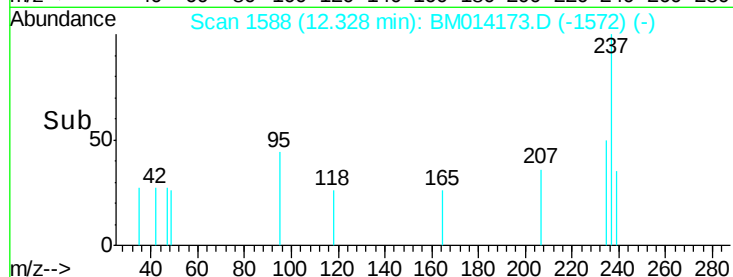
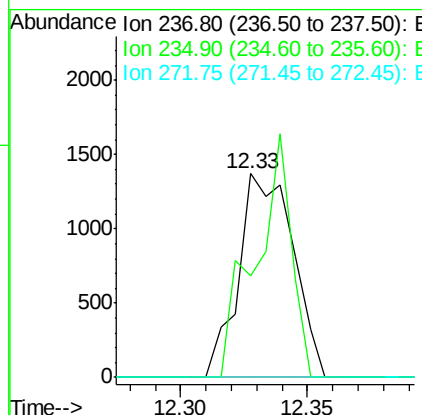
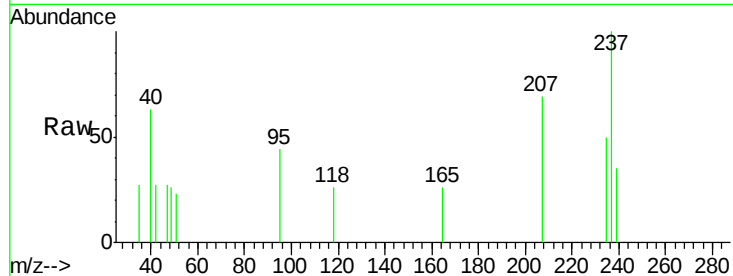
#40
Hexachlorocyclopentadiene
Concen: 6.61 ng
RT: 12.33 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	2041		
235	50.2	42.0	82.0	
272	0.0	0.0	33.4	

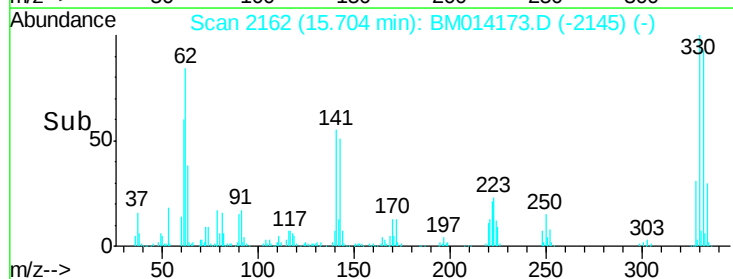
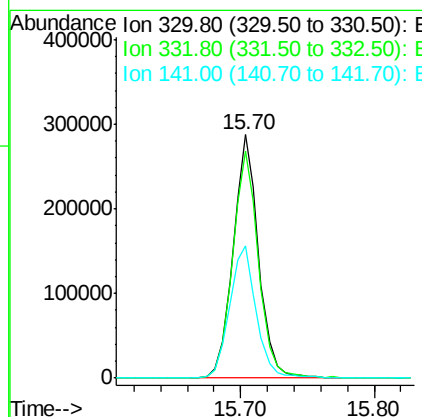
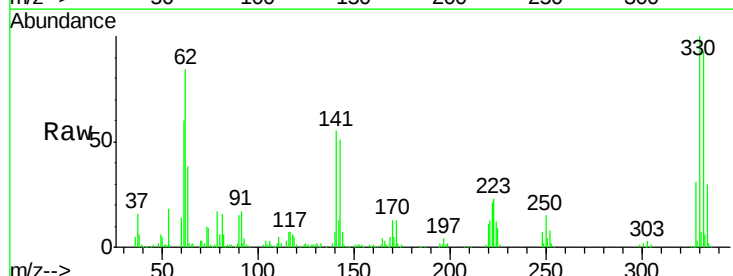
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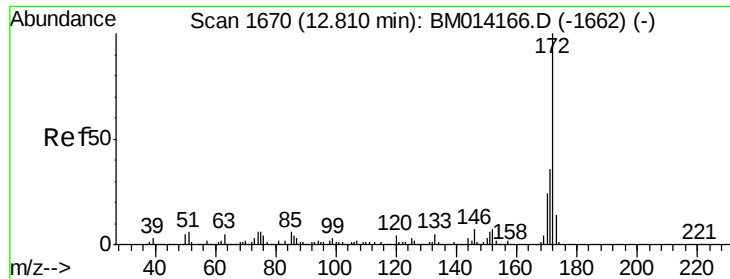
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#41
2,4,6-Tribromophenol
Concen: 129.95 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	382066		
332	95.1	0.0	0.0#	
141	57.3	0.0	0.0#	





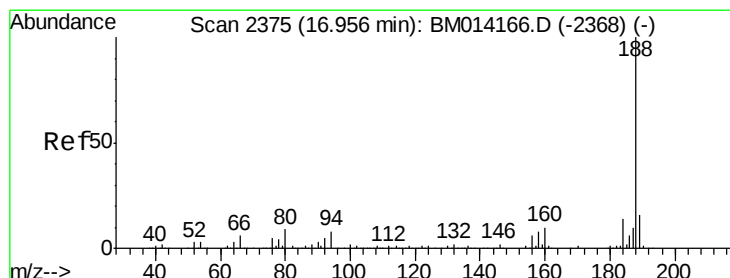
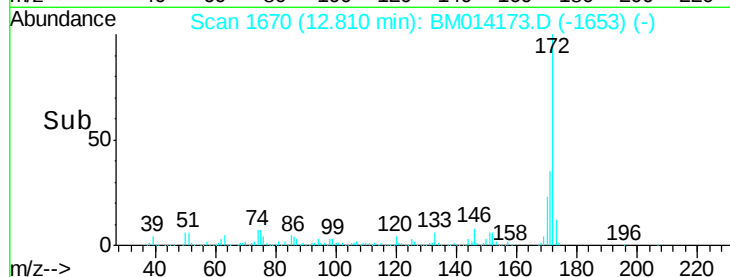
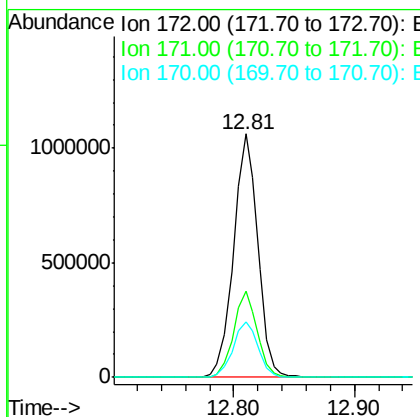
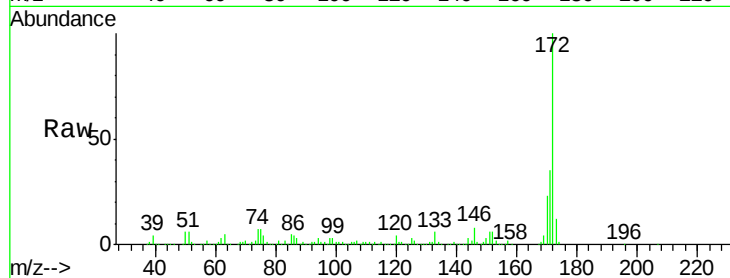
#44
 2-Fluorobiphenyl
 Concen: 89.76 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	22.5	18.8	28.2

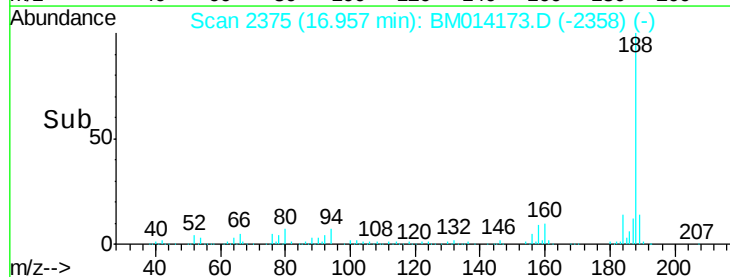
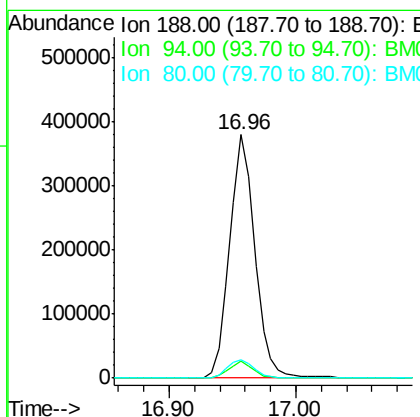
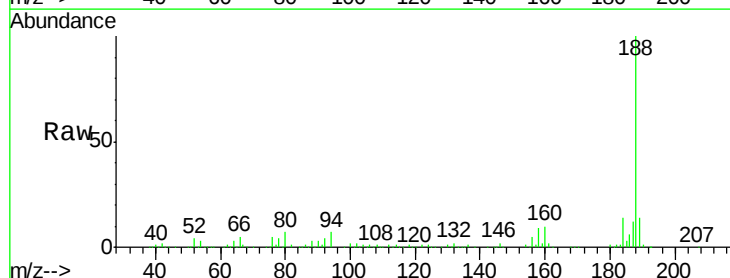
Manual Integrations
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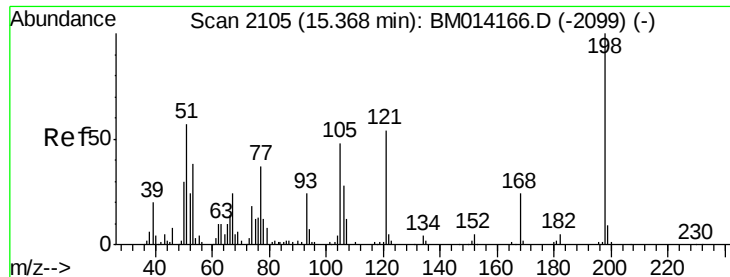
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 16.96 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	8.7	13.1#
80	7.4	9.3	13.9#





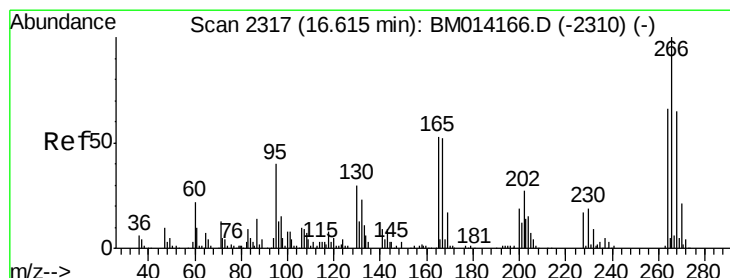
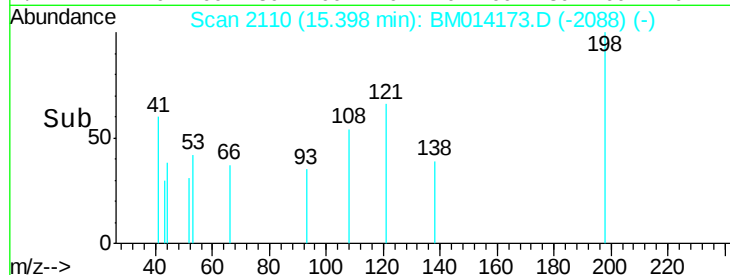
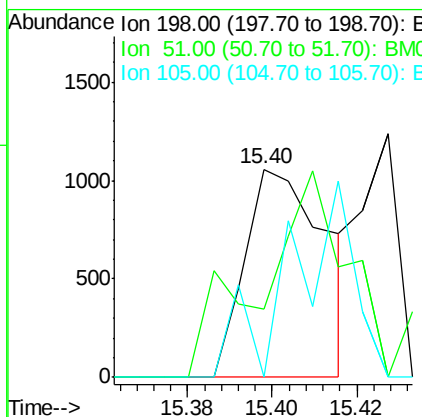
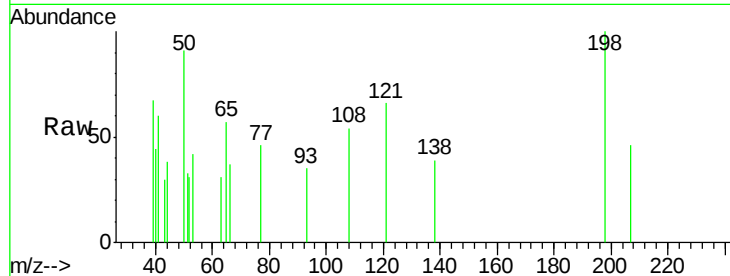
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.92 ng
 RT: 15.40 min Scan# 2110
 Delta R.T. 0.03 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	1411		
51	32.5	28.8	68.8	
105	0.0	30.5	70.5#	

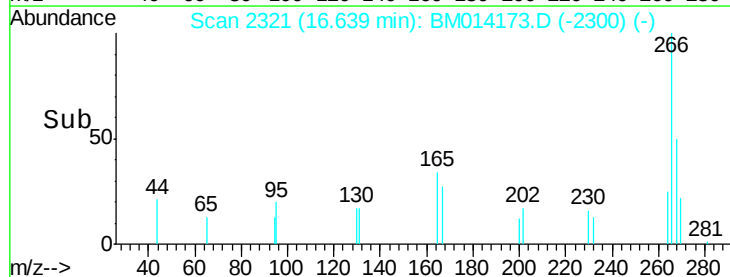
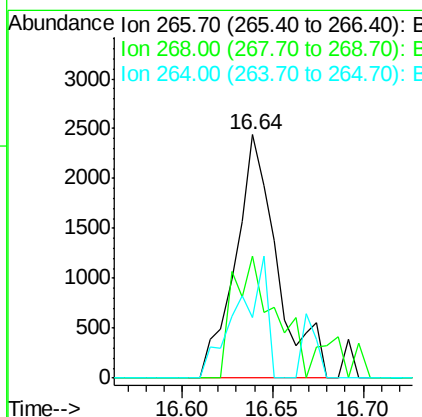
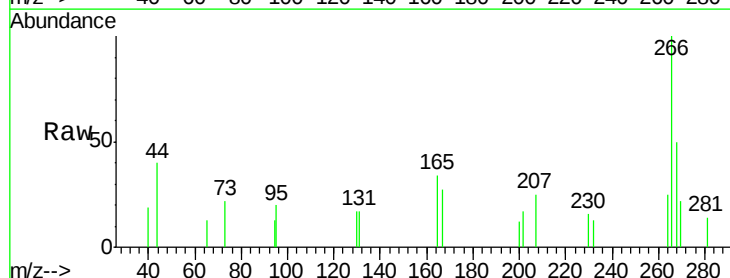
Manual Integrations
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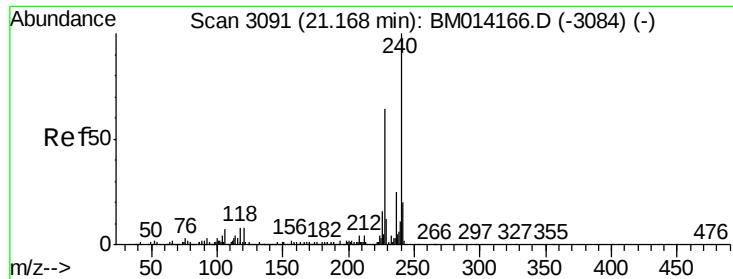
Sohil
 2/8/2018 3:50:35 PM



#69
 Pentachlorophenol
 Concen: 6.72 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. 0.02 min
 Lab File: BM014173.D
 Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	3912		
268	49.9	52.0	78.0#	
264	25.0	49.0	73.4#	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

Instrument :

BNA_M

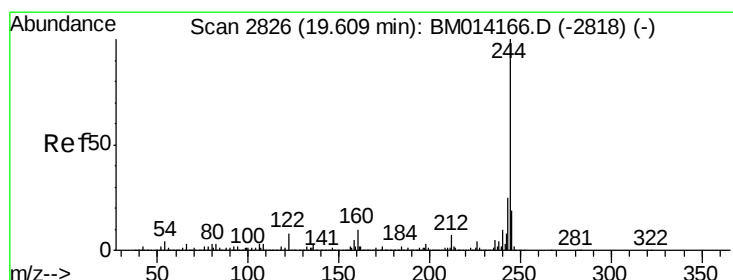
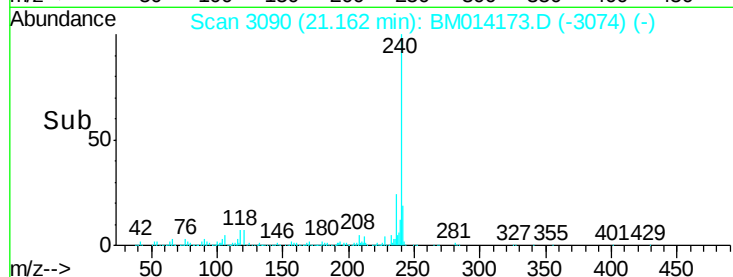
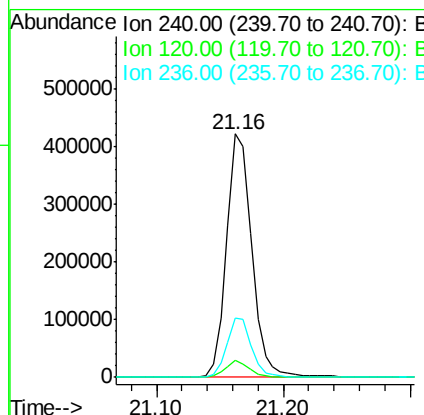
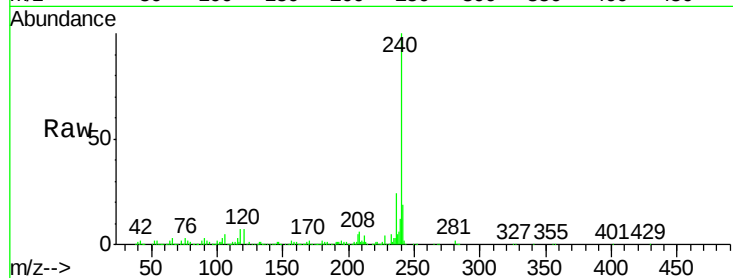
ClientSampleId :

MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	586025		
120	6.9	8.2	12.2#	
236	24.3	20.0	30.0	

Manual Integrations
APPROVED

Sohil
2/8/2018 3:50:35 PM



#78

Terphenyl-d14

Concen: 84.85 ng

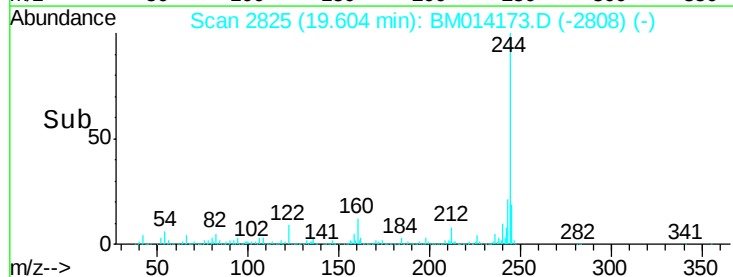
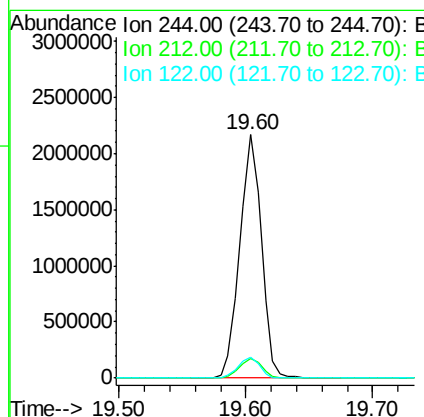
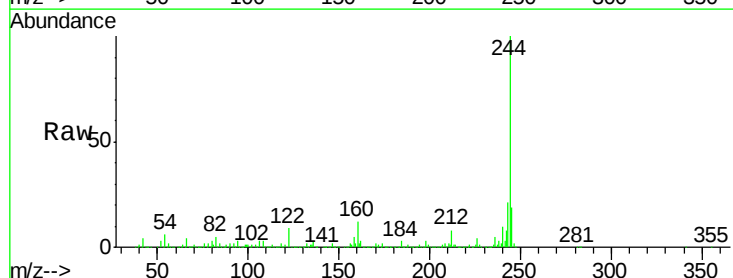
RT: 19.60 min Scan# 2825

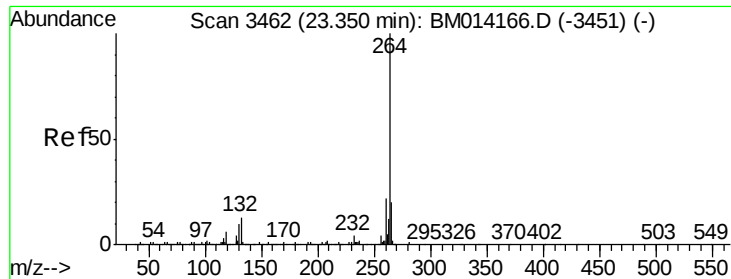
Delta R.T. -0.00 min

Lab File: BM014173.D

Acq: 07 Feb 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	2544678		
212	7.9	4.9	7.3#	
122	8.6	6.2	9.4	





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014173.D
Acq: 07 Feb 2018 22:30

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.7	17.3	25.9

Manual Integrations
APPROVED

Sohil
2/8/2018 3:50:35 PM

