

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014168.D
 Acq On : 07 Feb 2018 19:31
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 2 PPM
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 08 10:47:35 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	67955	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	285045	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	190424	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	474348	20.00	ng	0.00
75) Chrysene-d12	21.17	240	563487	20.00	ng	0.00
86) Perylene-d12	23.34	264	546155	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	505712	129.71	ng	0.00
7) Phenol-d6	6.73	99	671287	121.57	ng	0.00
23) Nitrobenzene-d5	8.70	82	609769	95.55	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	338650	125.33	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1353534	88.73	ng	0.00
78) Terphenyl-d14	19.60	244	2383550	82.65	ng	0.00

Target Compounds Qvalue

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

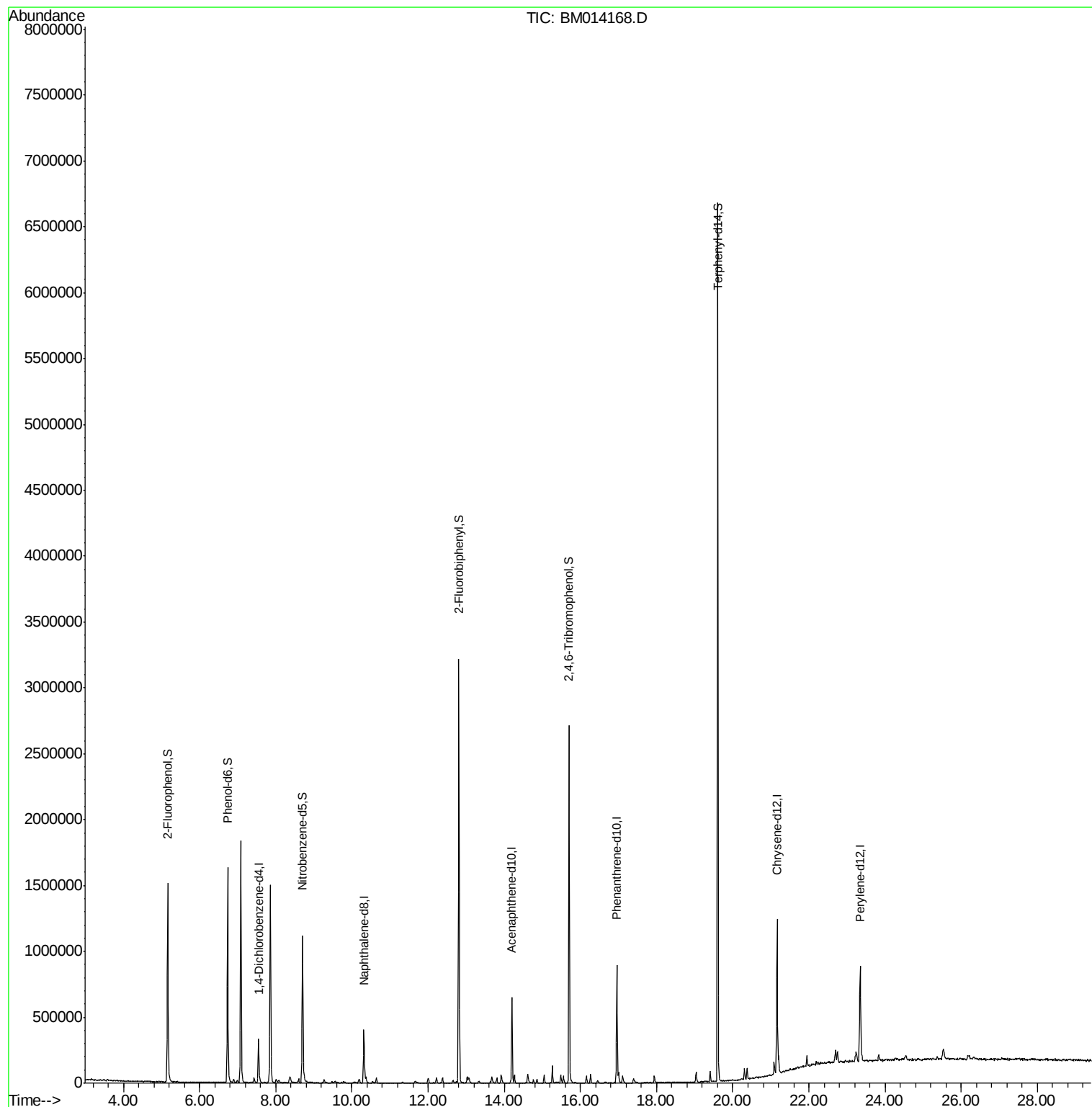
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014168.D
Acq On : 07 Feb 2018 19:31
Operator : SJ/JU
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Misc : LOD 2 PPM
ALS Vial : 4 Sample Multiplier: 1

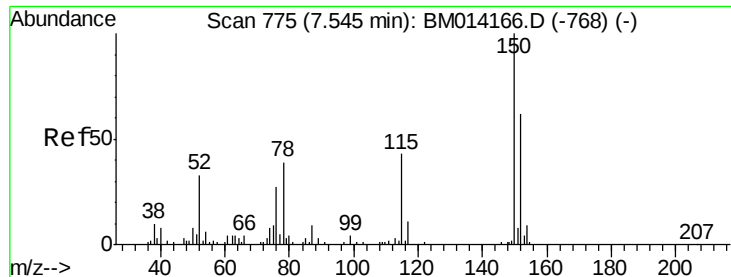
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Instrument :

BNA_M

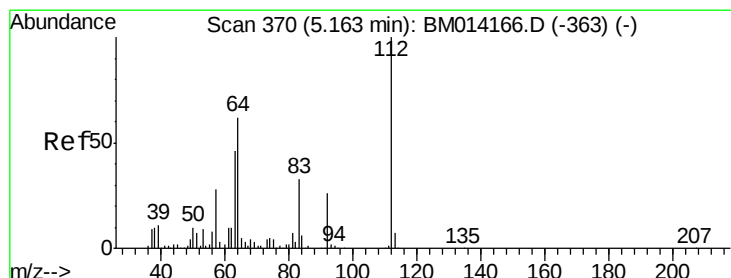
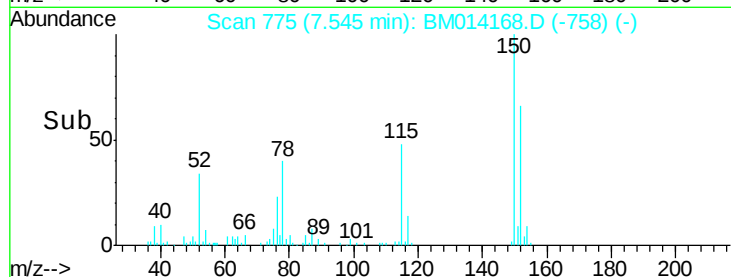
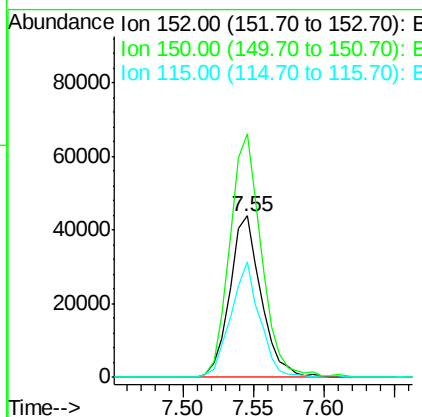
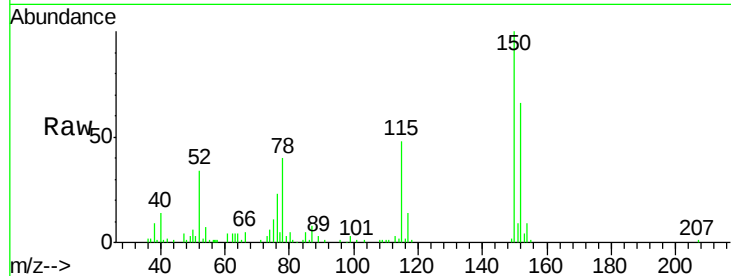
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.7	119.5	179.3
115	71.7	43.0	64.4

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#5

2-Fluorophenol

Concen: 129.71 ng

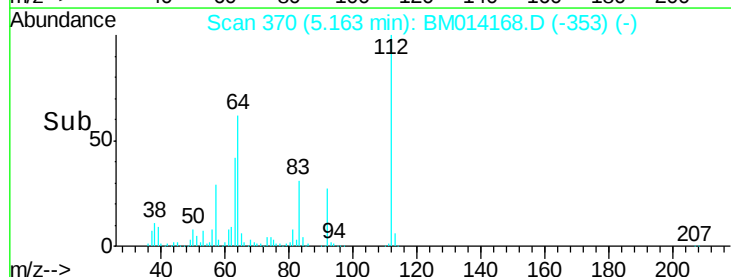
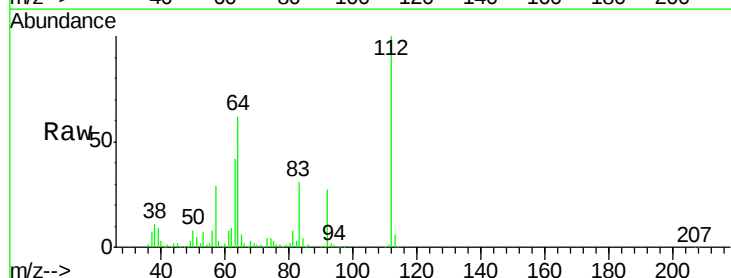
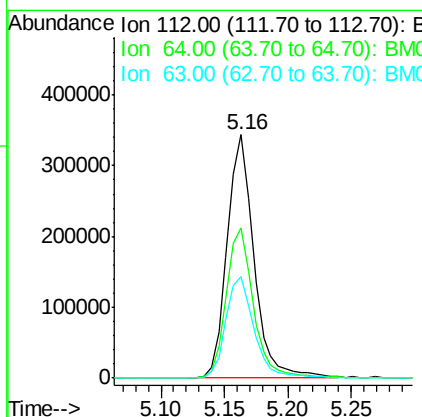
RT: 5.16 min Scan# 370

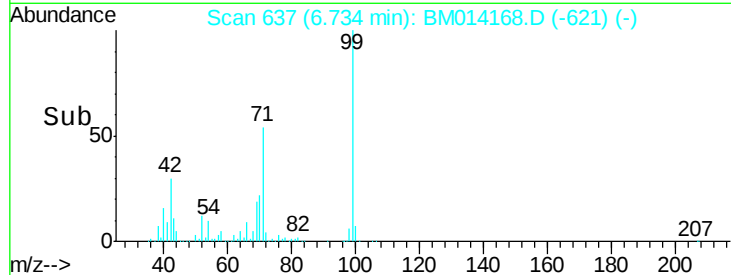
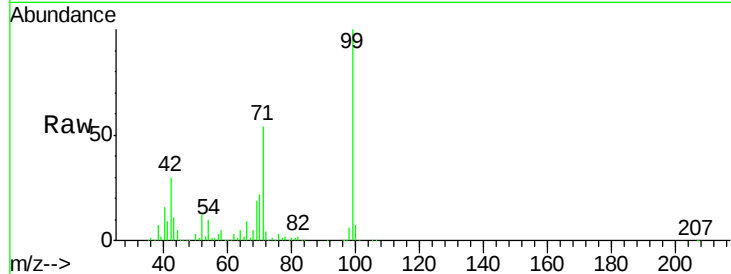
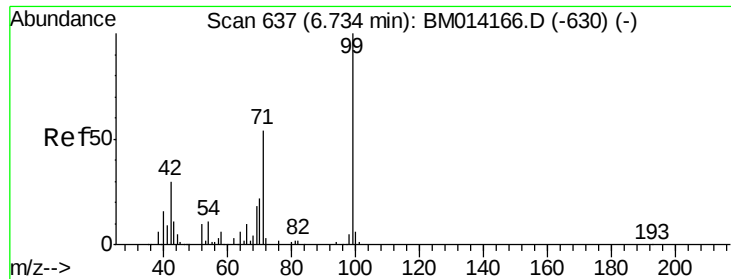
Delta R.T. 0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	38.6	57.8
63	41.8	19.3	28.9





#7

Phenol-d6

Concen: 121.57 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	671287		
42	29.9	11.0	16.4#	
71	53.7	23.4	35.2#	

Instrument :

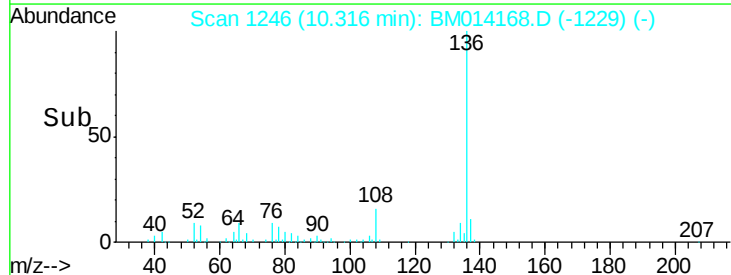
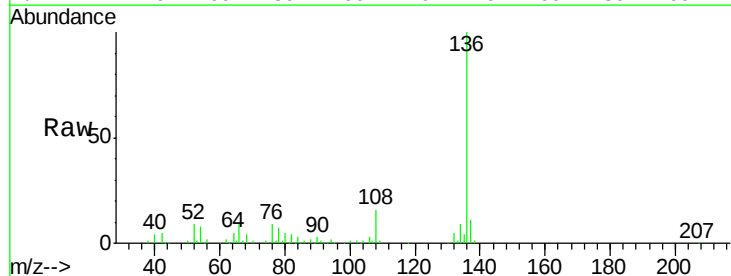
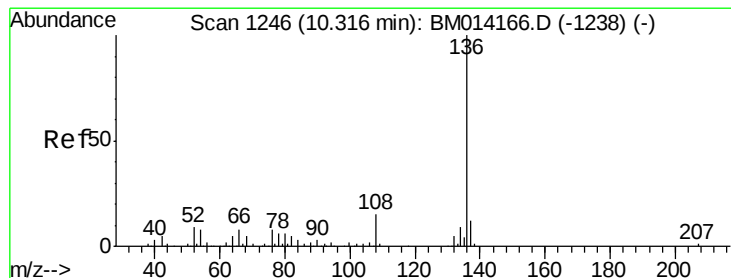
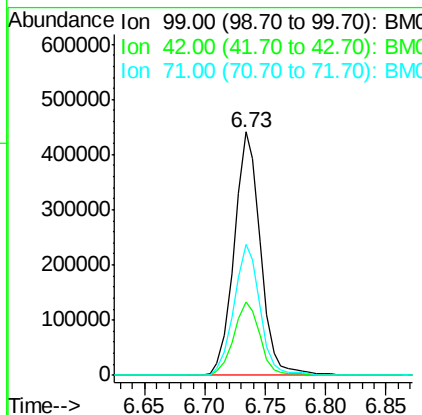
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

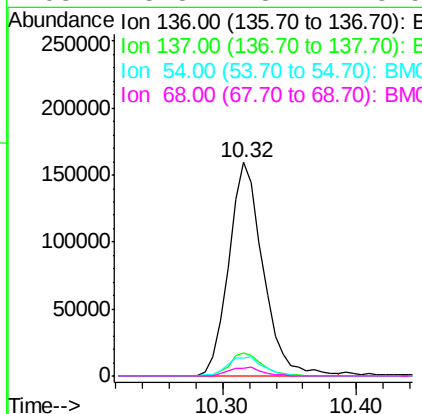
RT: 10.32 min Scan# 1246

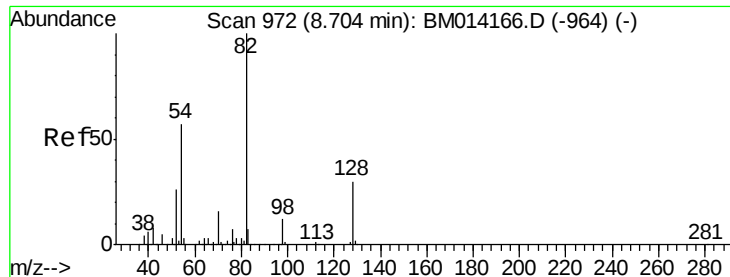
Delta R.T. -0.00 min

Lab File: BM014168.D

Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	285045		
137	11.1	8.7	13.1	
54	8.3	4.6	6.8#	
68	3.8	3.7	5.5	





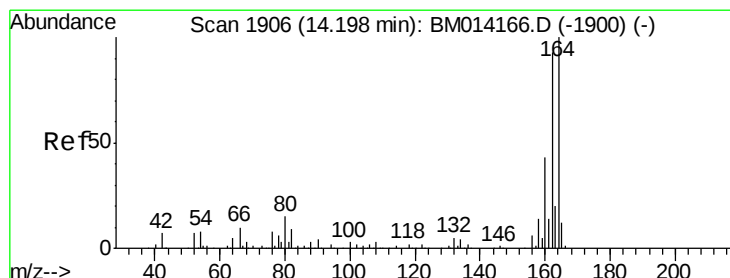
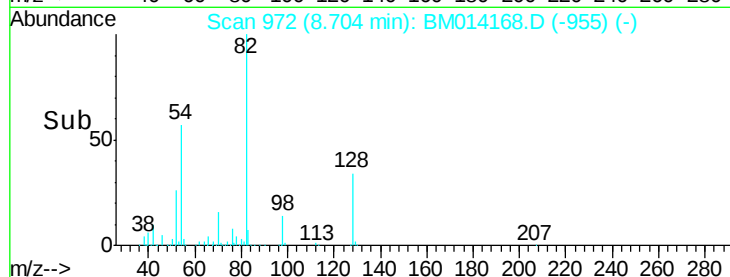
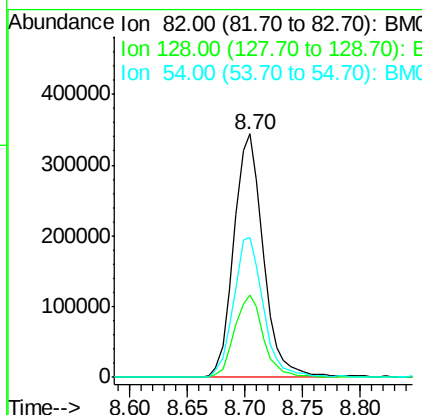
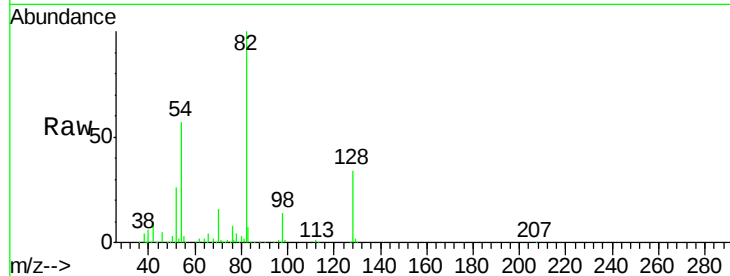
#23
Nitrobenzene-d5
Concen: 95.55 ng
RT: 8.70 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.9	32.8	49.2
54	57.4	40.6	60.8

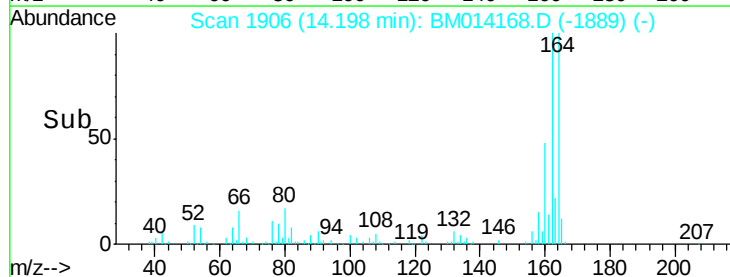
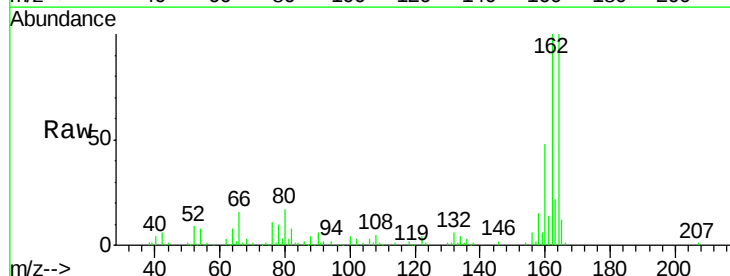
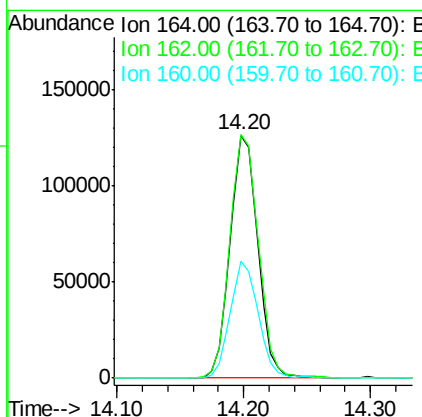
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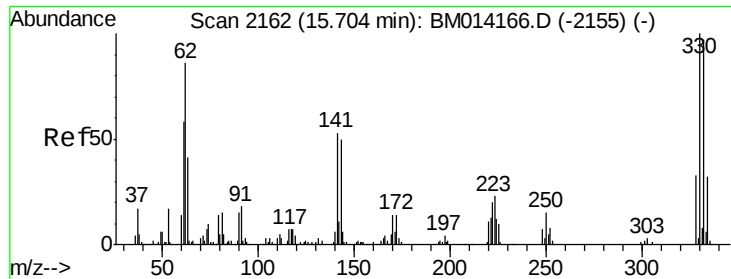
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	48.0	35.8	53.6





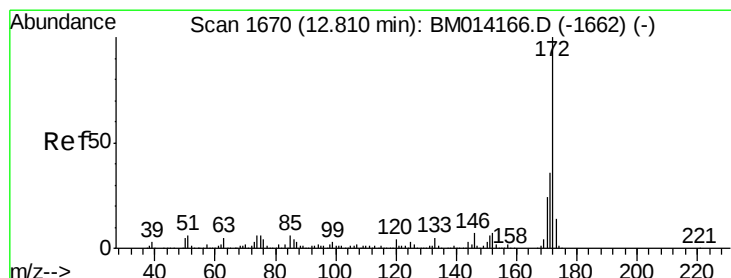
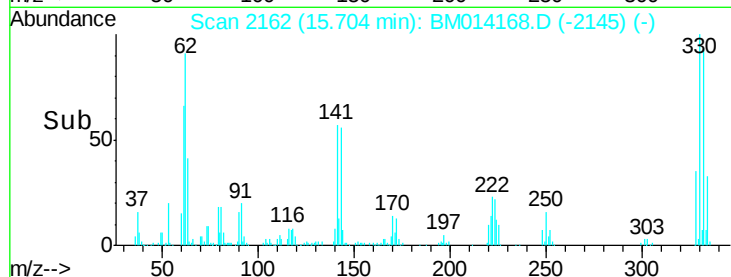
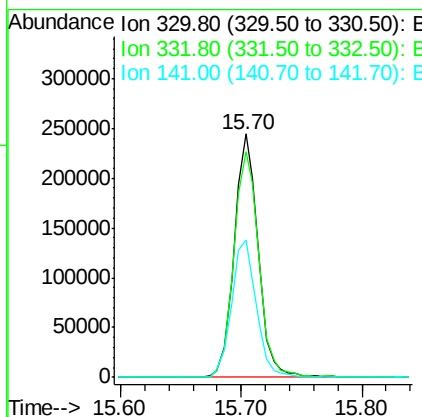
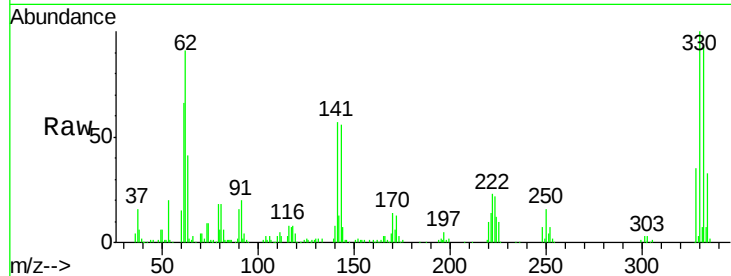
#41
 2,4,6-Tribromophenol
 Concen: 125.33 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	0.0	0.0#
141	58.3	0.0	0.0#

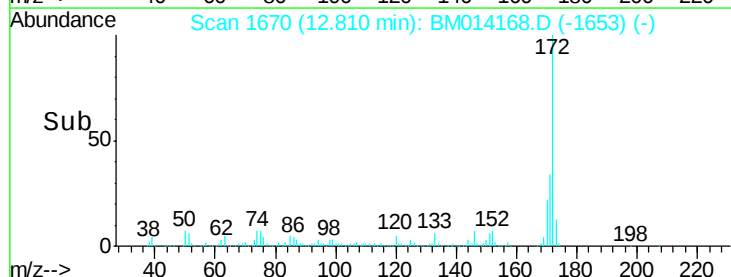
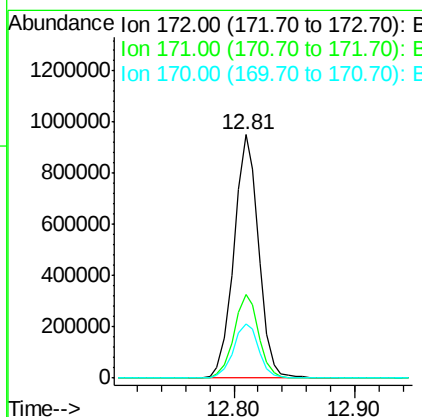
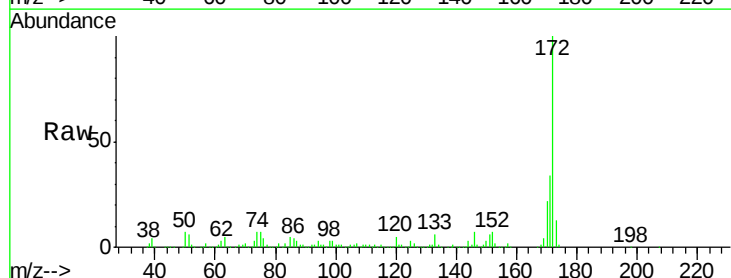
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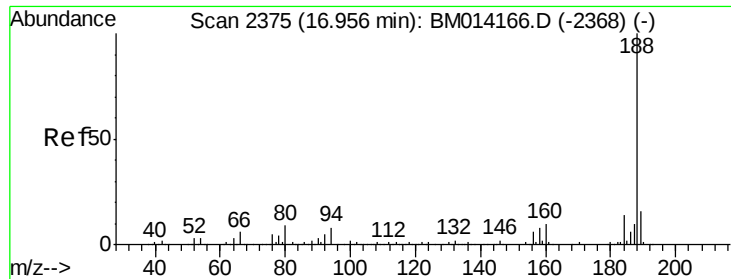
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#44
 2-Fluorobiphenyl
 Concen: 88.73 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.3	28.5	42.7
170	22.4	18.8	28.2





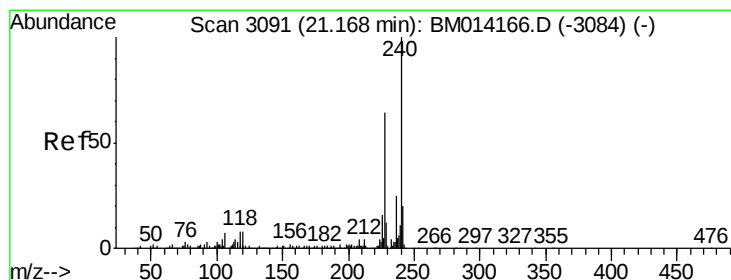
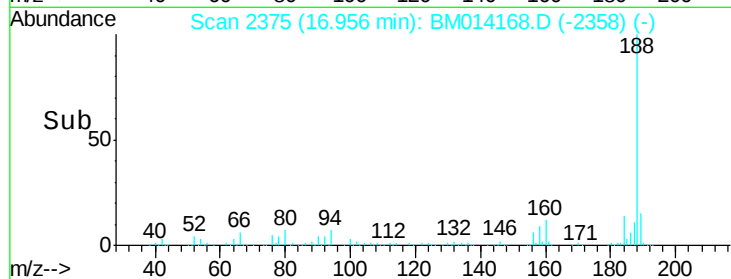
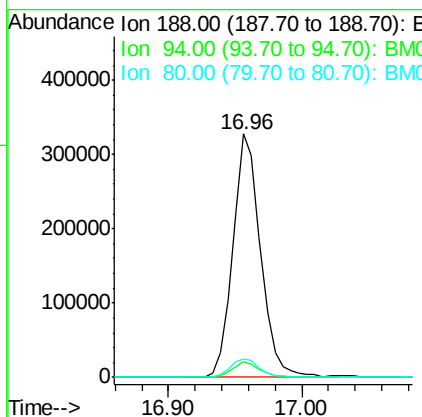
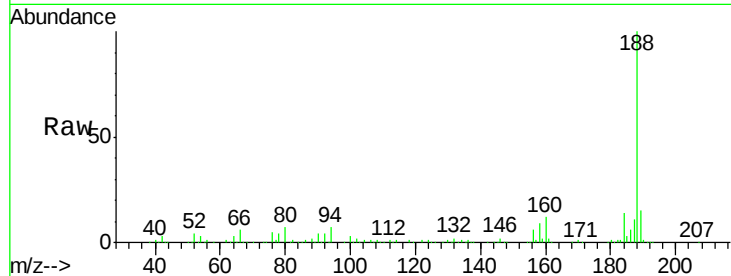
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.5	8.7	13.1#
80	7.3	9.3	13.9#

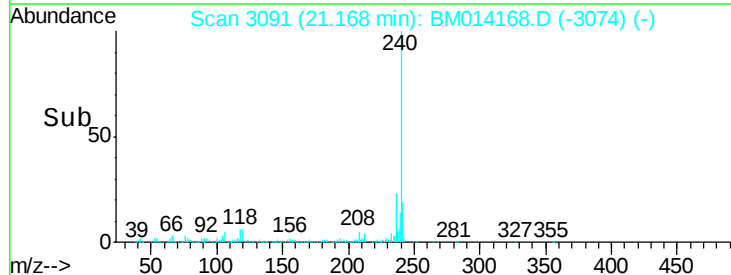
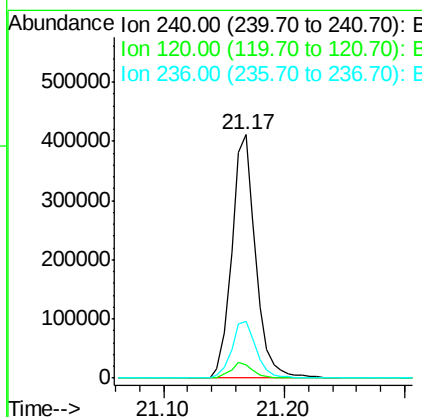
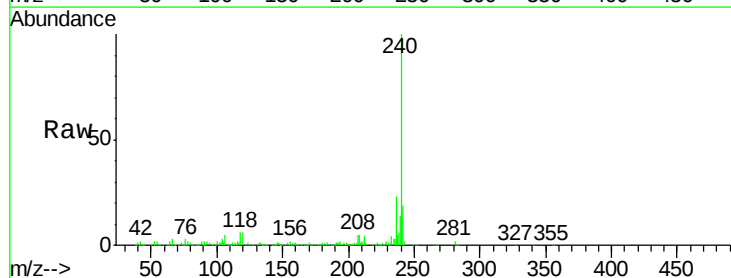
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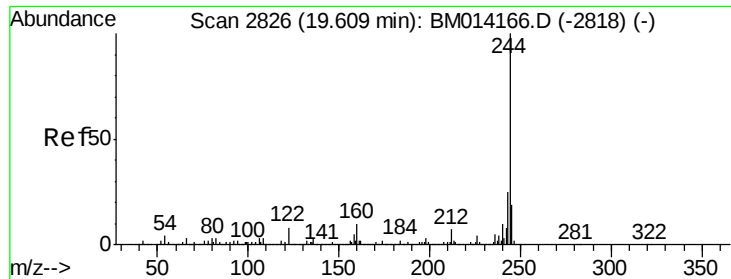
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.17 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM014168.D
Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.6	8.2	12.2#
236	23.5	20.0	30.0





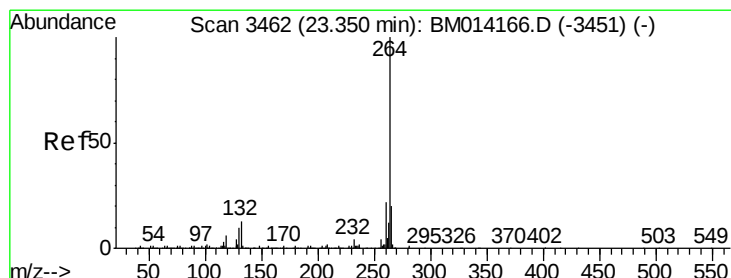
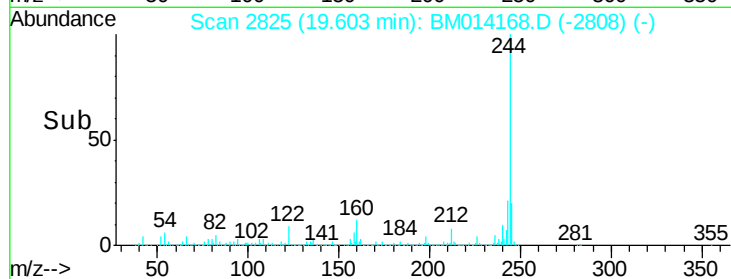
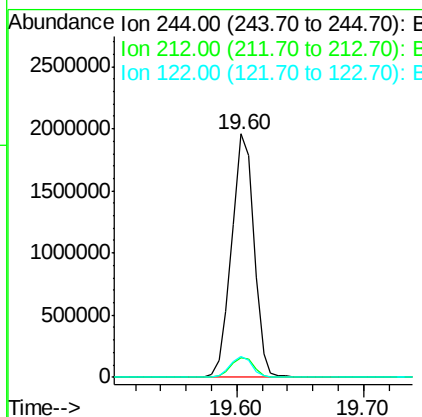
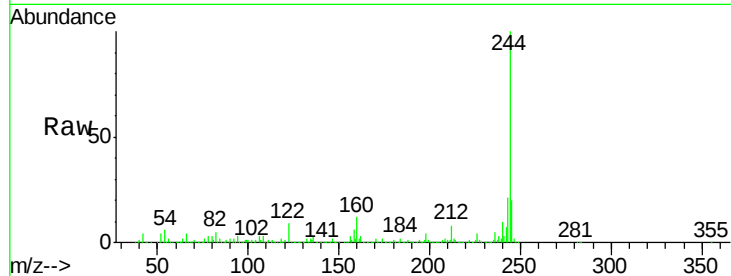
#78
 Terphenyl-d14
 Concen: 82.65 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	8.8	6.2	9.4

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM014168.D
 Acq: 07 Feb 2018 19:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	21.4	17.3	25.9

