

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
 Data File : BM016249.D
 Acq On : 08 Aug 2018 14:37
 Operator : SJ/JU
 Sample : J4313-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C-7

Manual Integrations
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Sohil
 8/9/2018 2:23:47 PM

Quant Time: Aug 08 17:11:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 16:23:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39961	20.00	ng	0.00
21) Naphthalene-d8	10.95	136	140480	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	67458	20.00	ng	0.00
63) Phenanthrene-d10	17.50	188	138060	20.00	ng	0.00
75) Chrysene-d12	21.63	240	149280	20.00	ng	0.00
86) Perylene-d12	23.97	264	164252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	242494	100.80	ng	0.00
7) Phenol-d6	7.30	99	287992	91.67	ng	0.00
23) Nitrobenzene-d5	9.32	82	215958	71.50	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	80352	93.91	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	397784	71.75	ng	0.00
78) Terphenyl-d14	20.09	244	527376	73.95	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.23	163	29460	4.990	ng	Qvalue # 99
70) Phenanthrene	17.55	178	52995	6.856	ng	96
74) Fluoranthene	19.54	202	91854	10.653	ng	98
77) Pyrene	19.90	202	87275	9.756	ng	99
80) Benzo(a)anthracene	21.62	228	56652	6.162	ng	96
82) Chrysene	21.67	228	48999	5.556	ng	96
83) Bis(2-ethylhexyl)phthalate	21.51	149	18340	2.785	ng	# 90
85) Indeno(1,2,3-cd)pyrene	26.36	276	36635	3.500	ng	# 95
87) Benzo(b)fluoranthene	23.27	252	71269	7.370	ng	95
88) Benzo(k)fluoranthene	23.31	252	19999m	2.041	ng	
89) Benzo(a)pyrene	23.87	252	48804	5.249	ng	# 97
91) Benzo(a,h,i)perylene	27.10	276	34545	3.792	ng	93

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

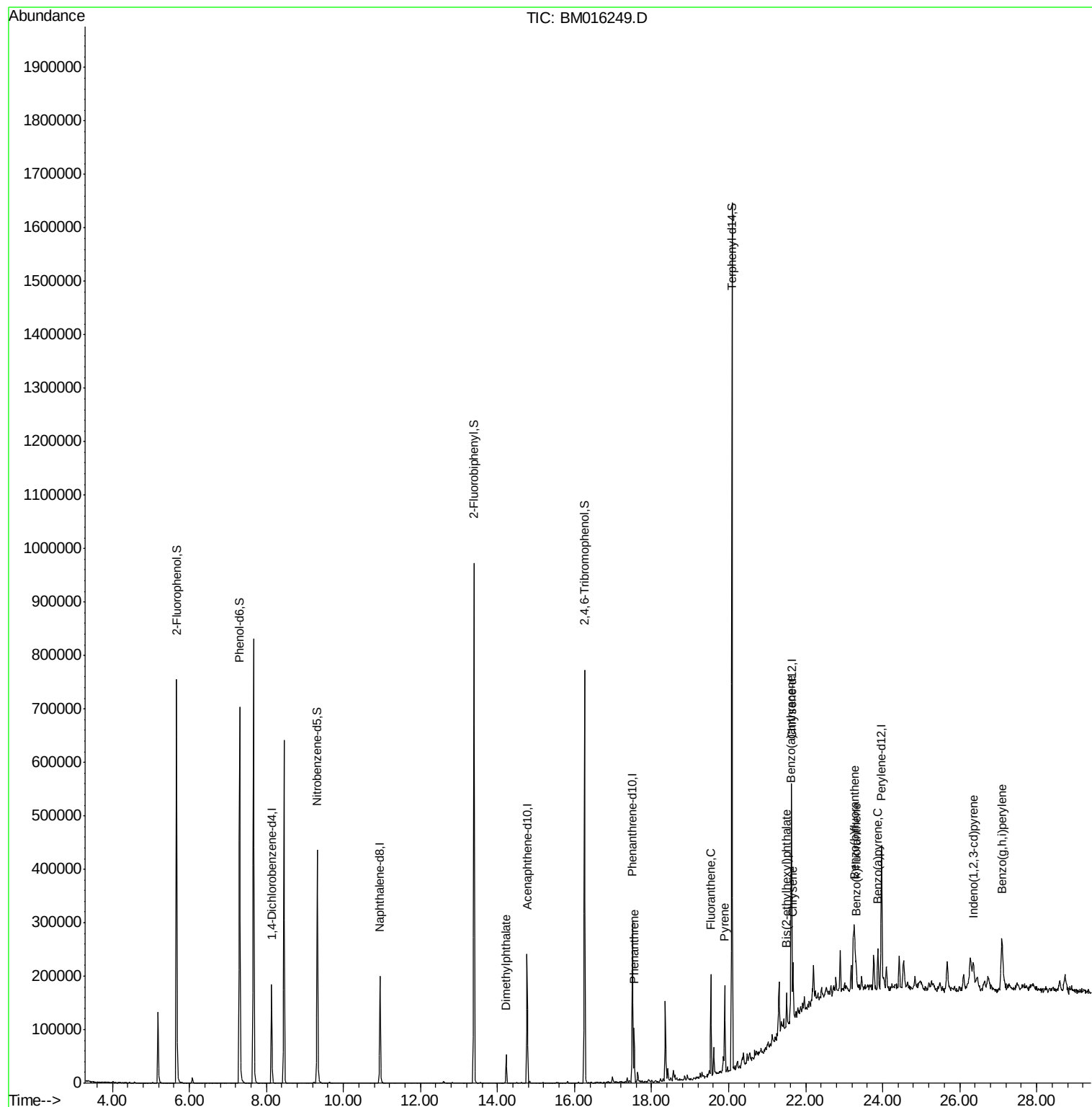
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
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ALS Vial : 7 Sample Multiplier: 1

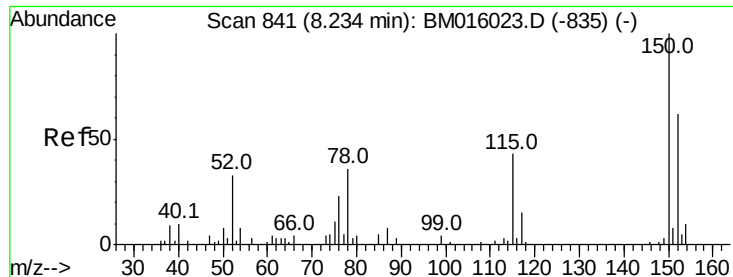
Instrument :
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C-7

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#1

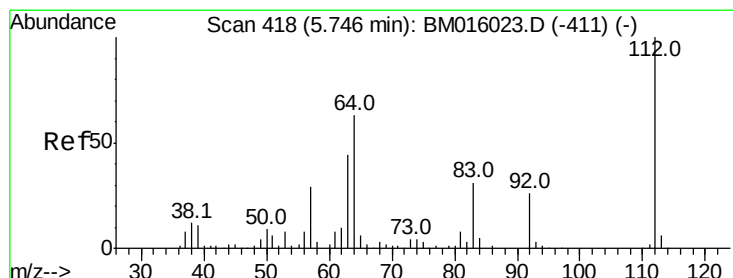
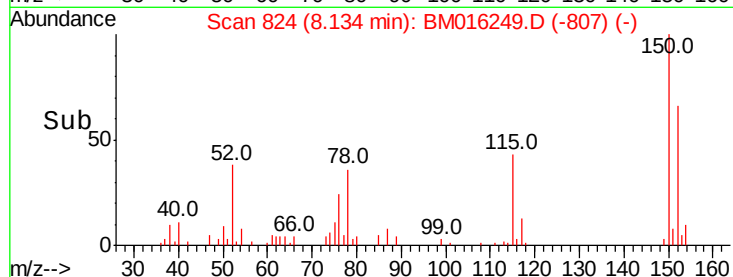
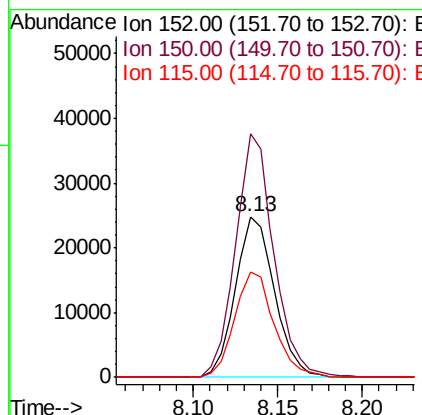
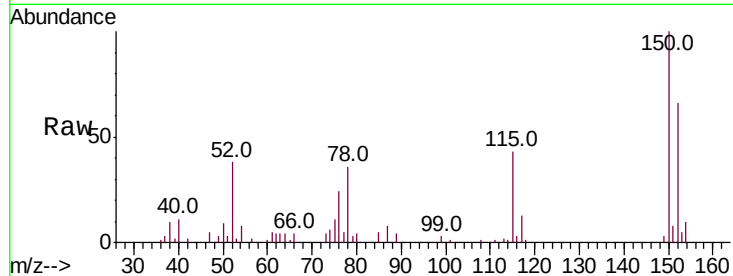
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 824
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampled :
C-7

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	119.5	179.3
115	65.5	43.0	64.4#

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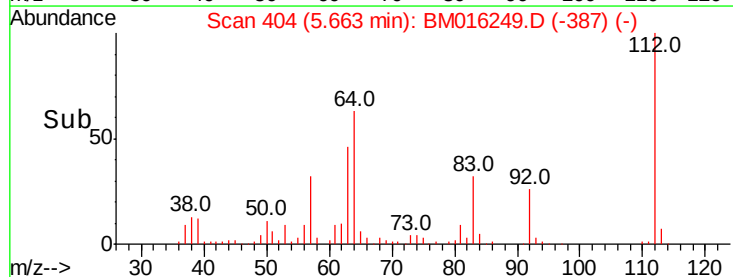
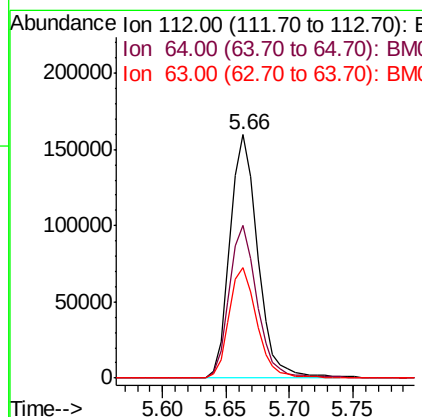
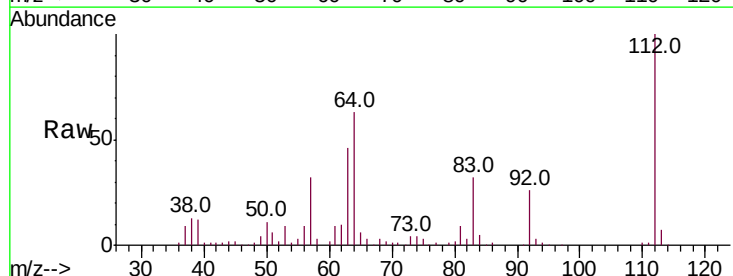
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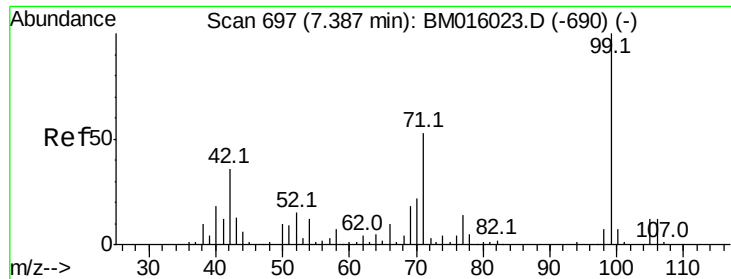


#5

2-Fluorophenol
Concen: Below ng
RT: 5.66 min Scan# 404
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	38.6	57.8#
63	45.5	19.3	28.9#





#7

Phenol-d6

Concen: N.D. ng

RT: 7.30 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Instrument :

BNA_M

ClientSampled :

C-7

Tot Ion: 99 Resp: 287992

Ion Ratio Lower Upper

99 100

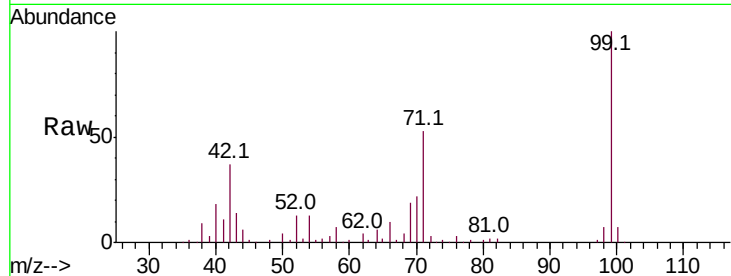
42 36.8 11.0 16.4#

71 53.3 23.4 35.2#

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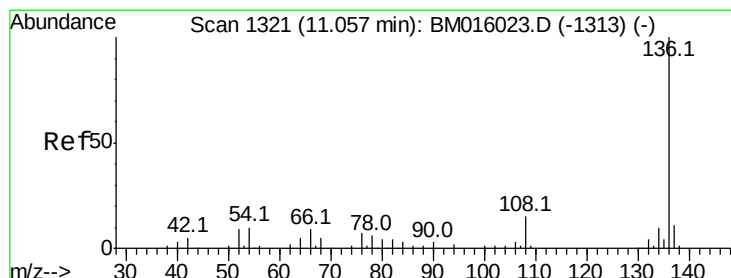
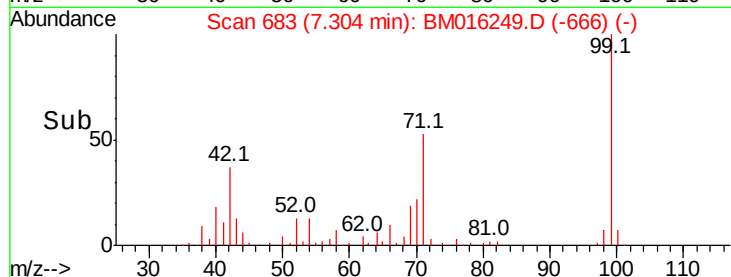
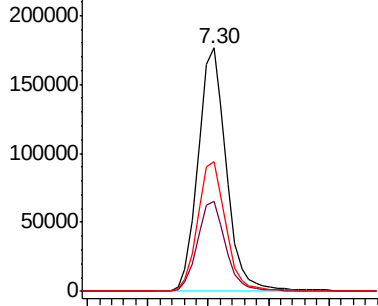
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Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.95 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Tgt Ion: 136 Resp: 140480

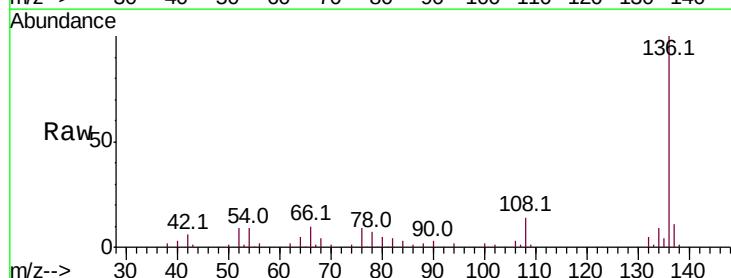
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 8.9 4.6 6.8#

68 4.2 3.7 5.5

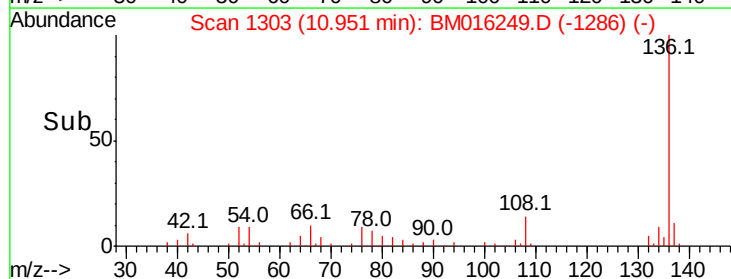
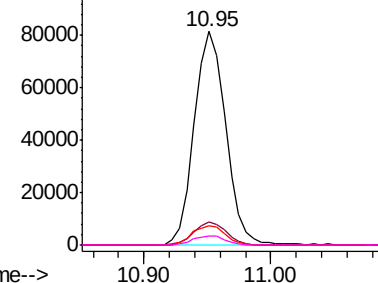


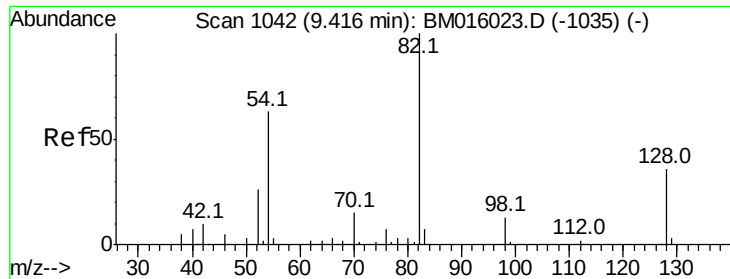
Abundance Ion 136.00 (135.70 to 136.70): BM016023.D (-1313) (-)

Ion 137.00 (136.70 to 137.70): BM016023.D (-1313) (-)

Ion 54.00 (53.70 to 54.70): BM016023.D (-1313) (-)

Ion 68.00 (67.70 to 68.70): BM016023.D (-1313) (-)





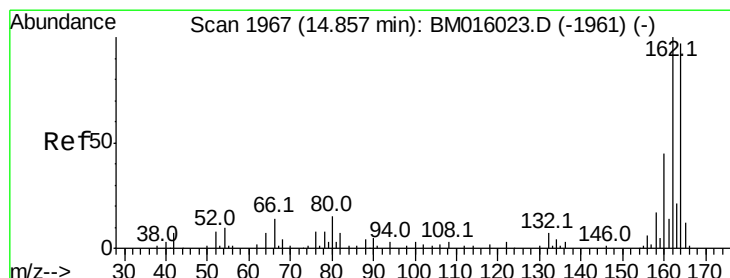
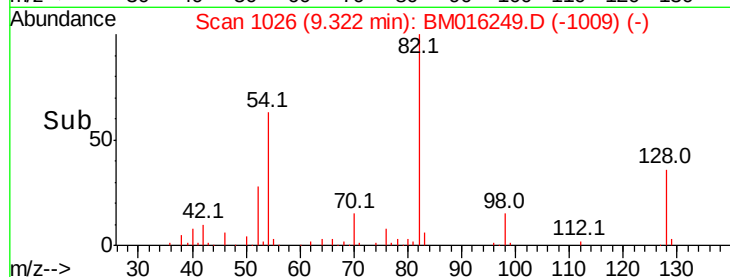
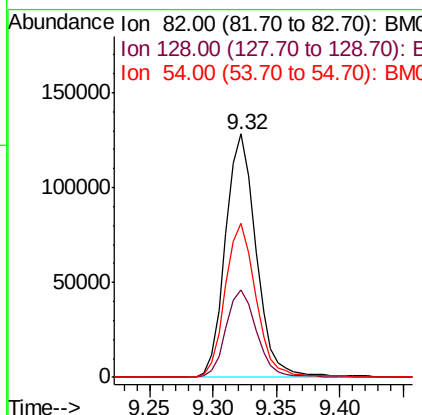
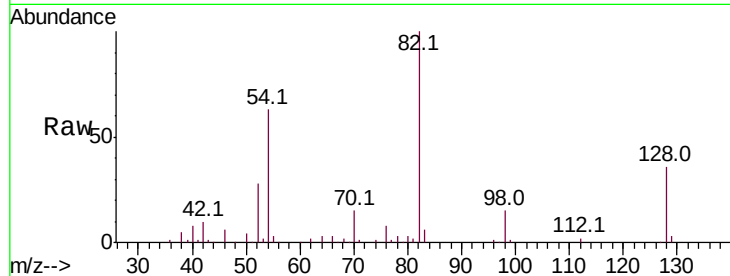
#23
 Nitrobenzene-d5
 Concen: N.D. ng
 RT: 9.32 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BM016249.D
 Acq: 08 Aug 2018 14:37

Instrument :
 BNA_M
 ClientSampled :
 C-7

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.8	32.8	49.2	
54	63.4	40.6	60.8	

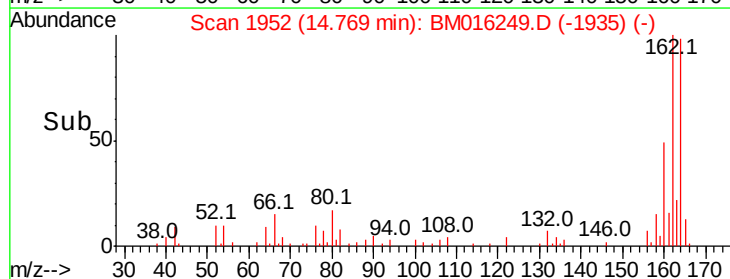
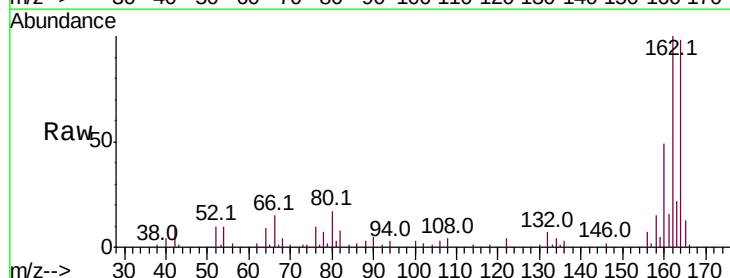
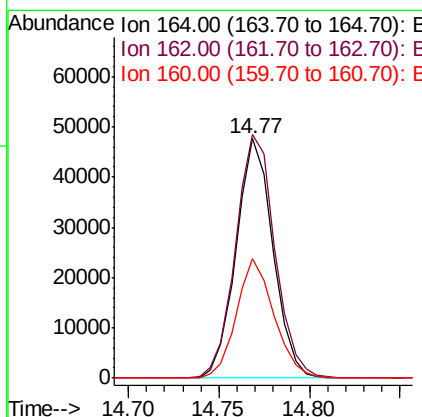
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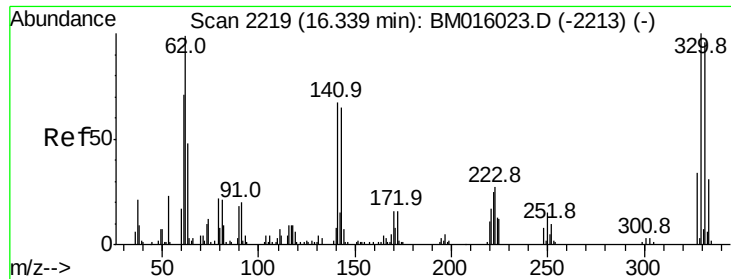
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: BM016249.D
 Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.7	82.4	123.6	
160	49.9	35.8	53.6	





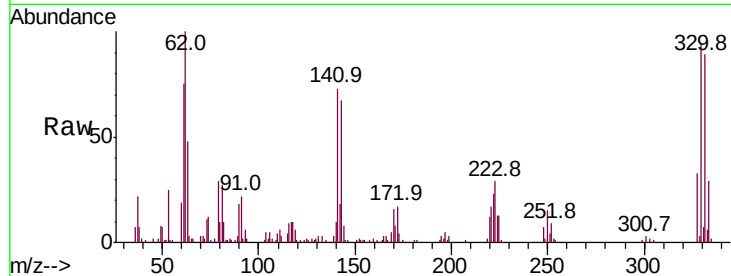
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.26 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BM016249.D
 Acq: 08 Aug 2018 14:37

Instrument :
 BNA_M
 ClientSampled :
 C-7

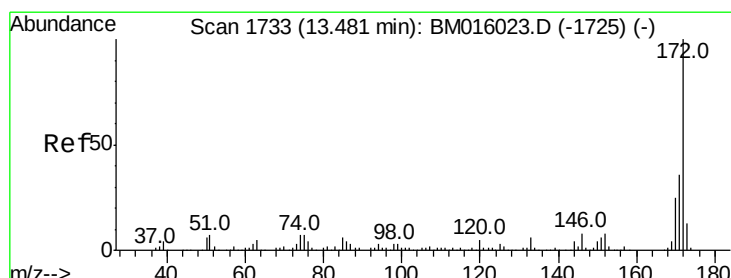
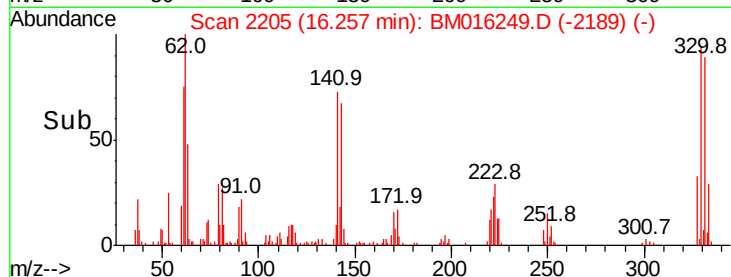
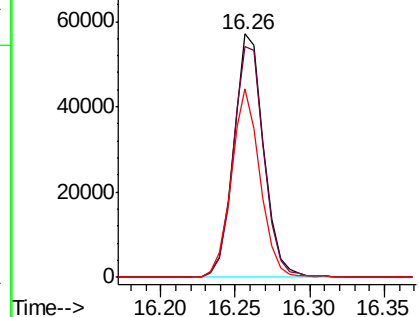
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	74.4	0.0	0.0#

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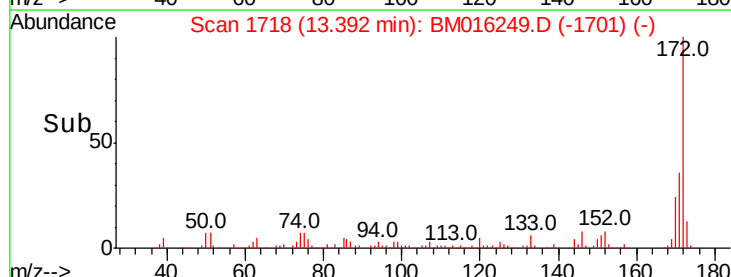
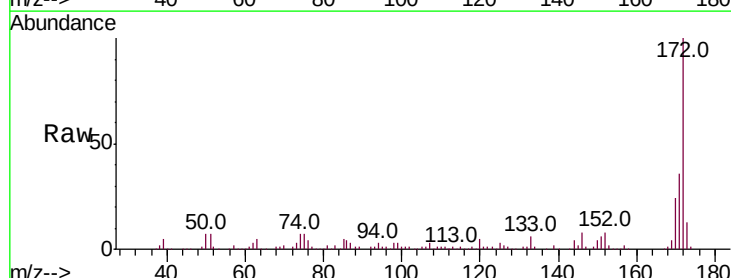
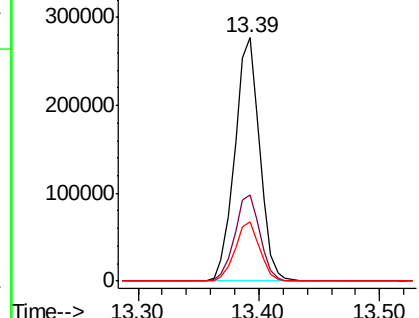
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

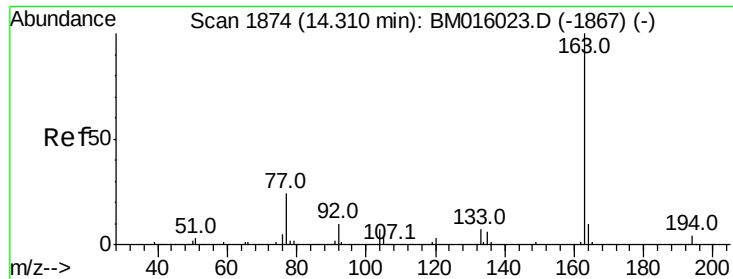


#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM016249.D
 Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.1	18.8	28.2

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





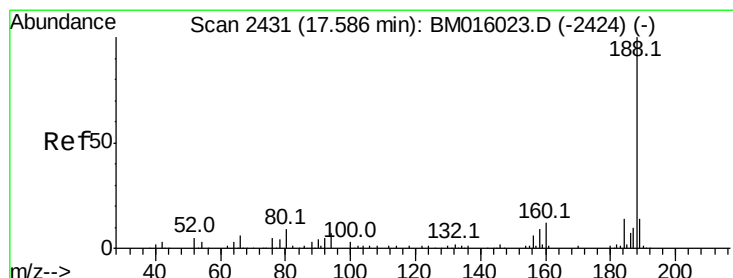
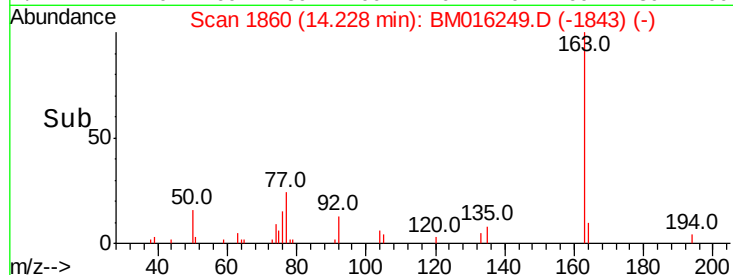
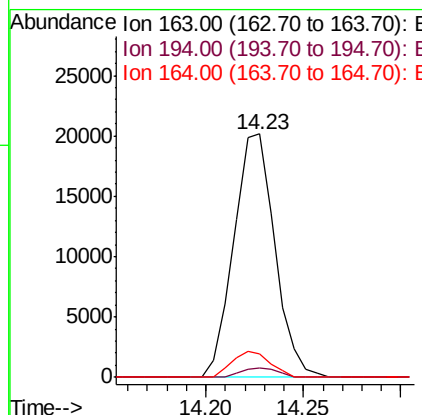
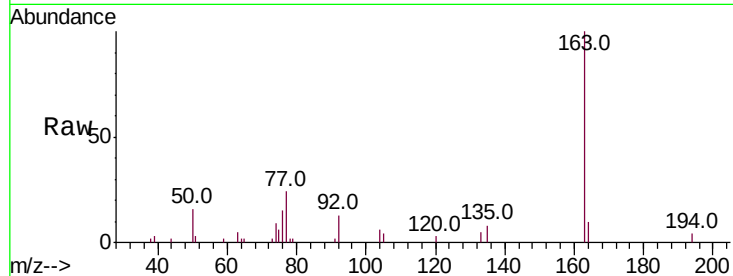
#49
Dimethylphthalate
Concen: 4.990 ng
RT: 14.23 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampled :
C-7

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.9	8.2	12.2

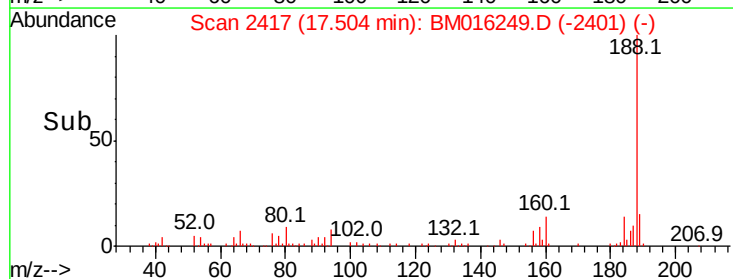
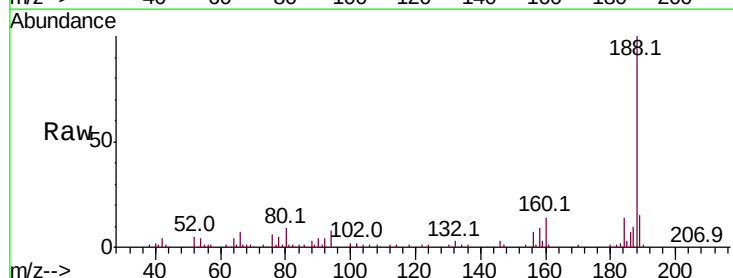
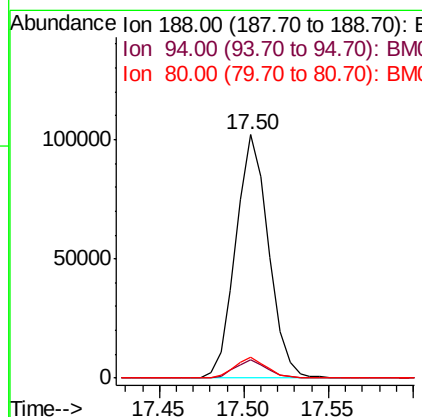
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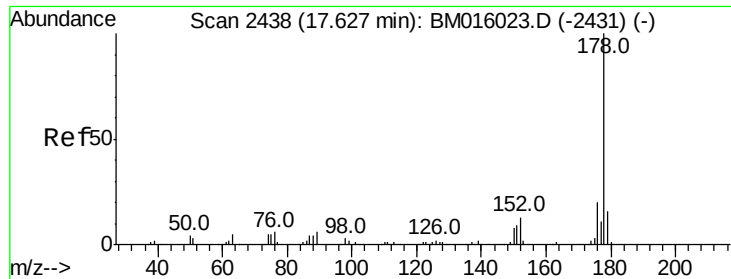
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.7	13.1#
80	8.6	9.3	13.9#





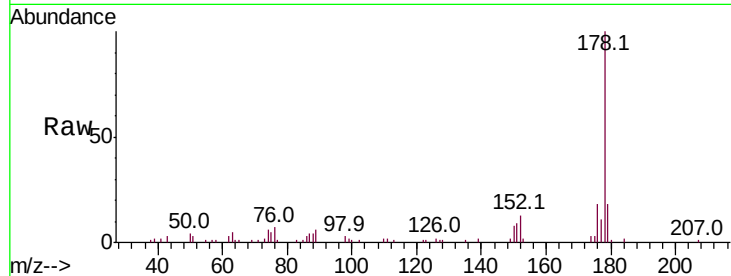
#70
Phenanthrene
Concen: 6.856 ng
RT: 17.55 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampleId :
C-7

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.2	22.8
179	17.6	12.1	18.1

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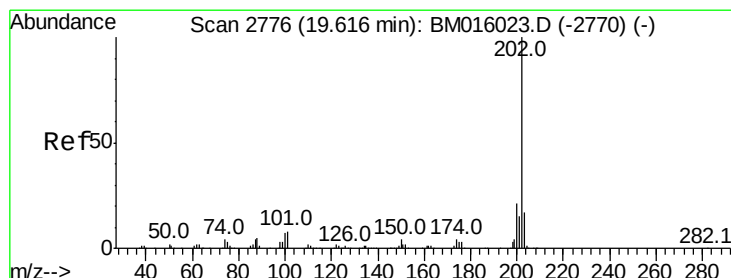
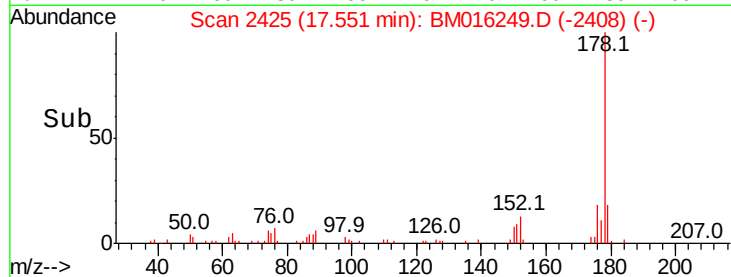
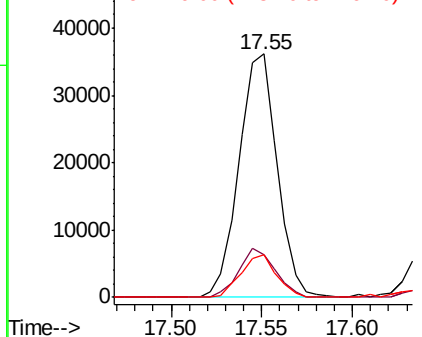


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74
Fluoranthene
Concen: 10.653 ng
RT: 19.54 min Scan# 2763
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

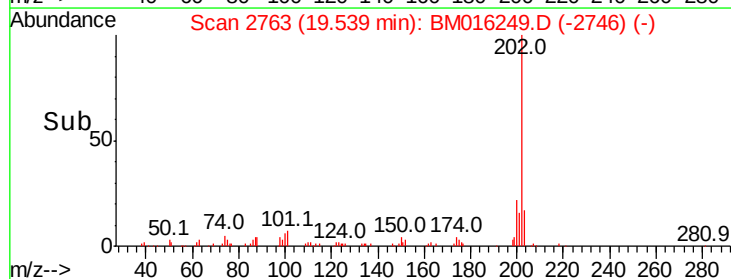
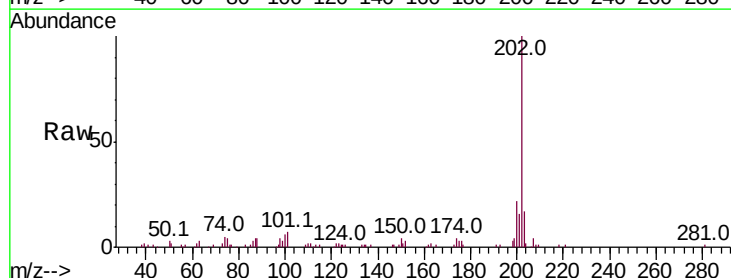
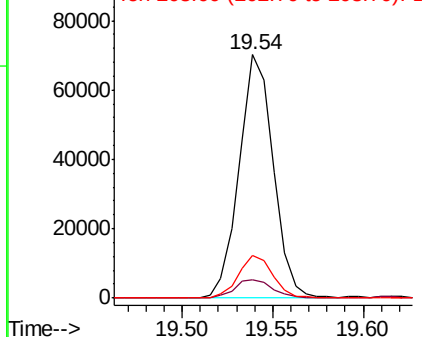
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.7
203	17.4	0.0	37.2

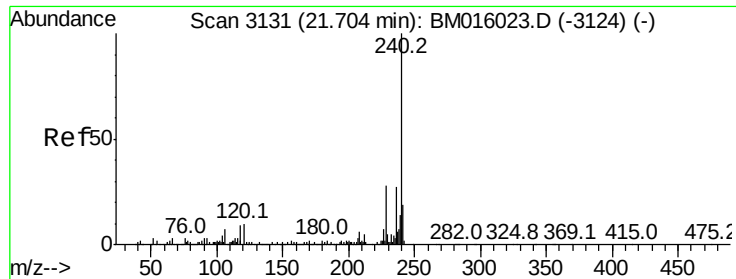
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Instrument :

BNA_M

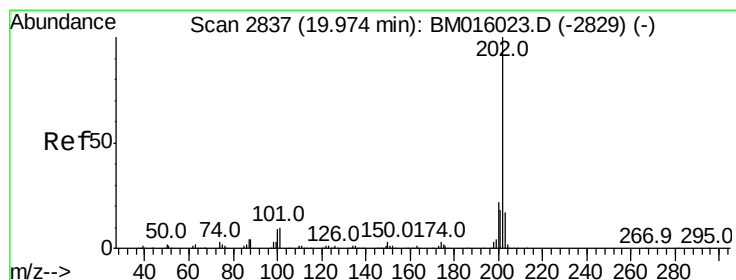
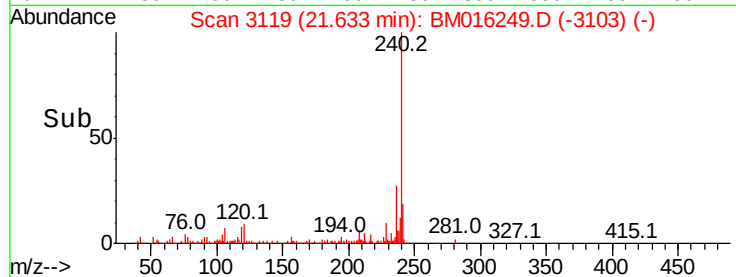
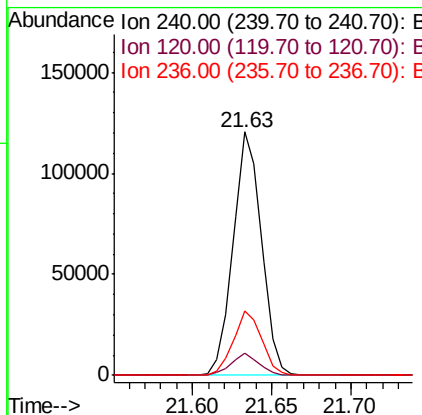
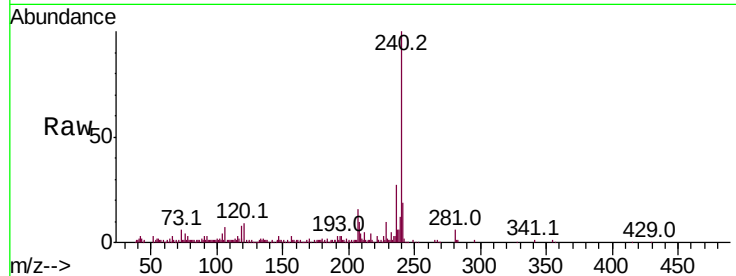
ClientSampled :

C-7

Tot Ion:	240	Resp:	149280
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.2	12.2
236	26.6	20.0	30.0

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#77

Pyrene

Concen: 9.756 ng

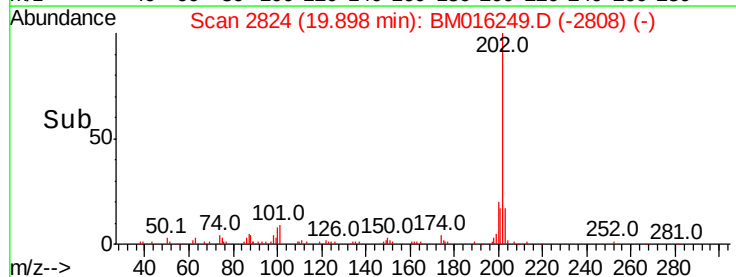
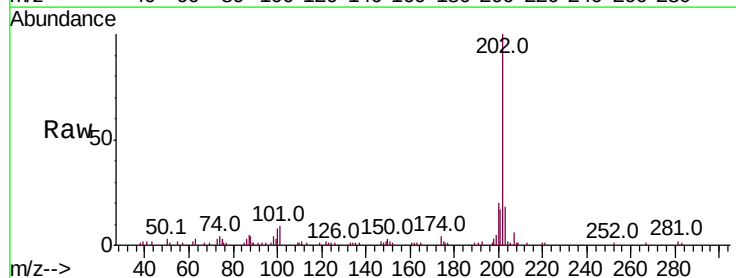
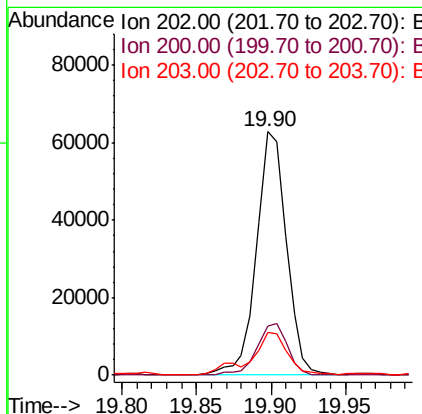
RT: 19.90 min Scan# 2824

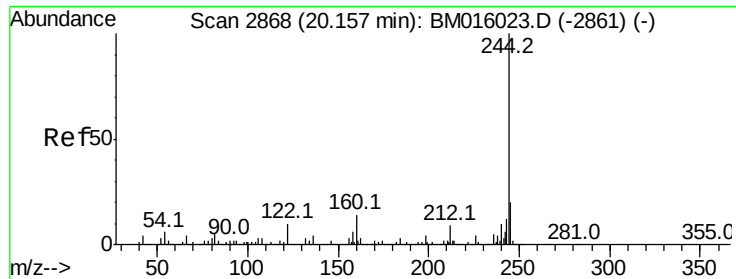
Delta R.T. -0.01 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Tgt Ion:	202	Resp:	87275
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.9	25.3
203	17.7	14.1	21.1





#78

Terphenyl-d14

Concen: 9.756 ng

RT: 20.09 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Instrument :

BNA_M

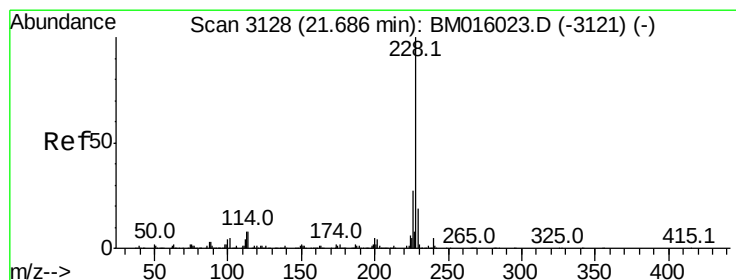
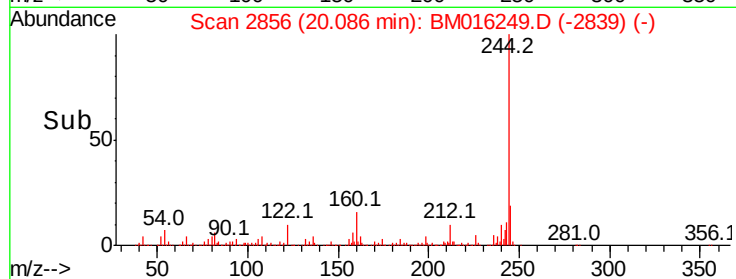
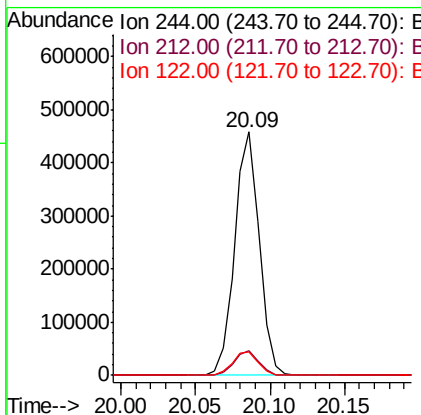
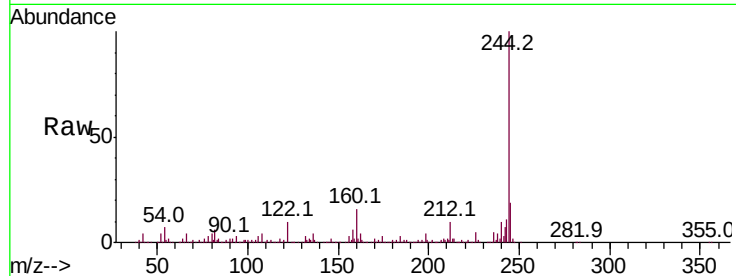
ClientSampled :

C-7

Tot Ion:	244	Resp:	527376
Ion Ratio	Lower	Upper	
244	100		
212	10.0	4.9	7.3#
122	9.5	6.2	9.4#

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#80

Benzo(a)anthracene

Concen: 6.162 ng

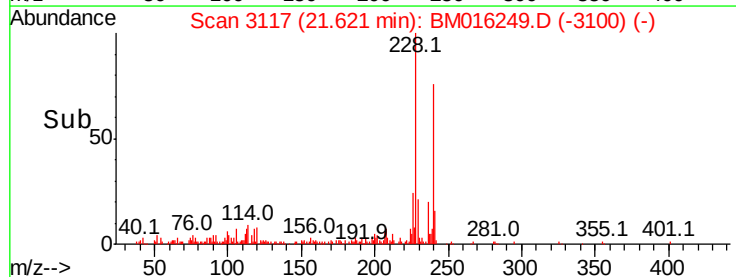
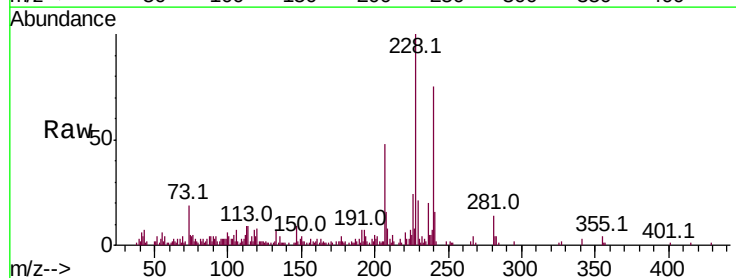
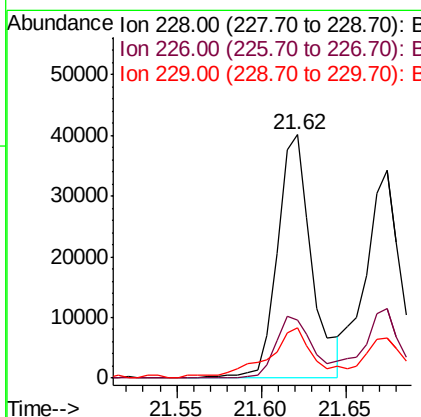
RT: 21.62 min Scan# 3117

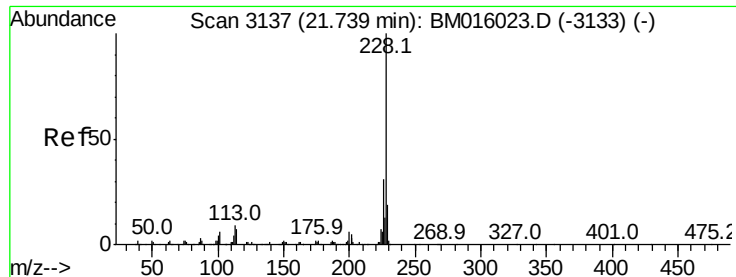
Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Tgt Ion:	228	Resp:	56652
Ion Ratio	Lower	Upper	
228	100		
226	23.7	21.7	32.5
229	20.7	16.0	24.0





#82

Chrysene

Concen: 5.556 ng

RT: 21.67 min Scan# 3126

Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Instrument :

BNA_M

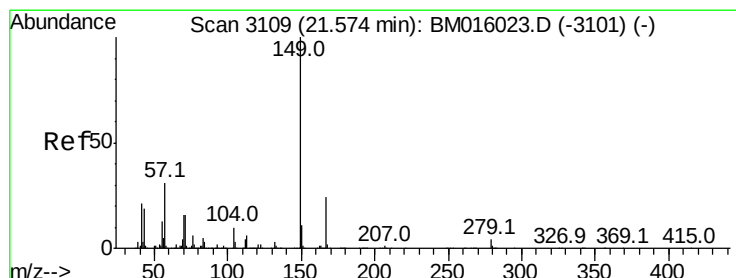
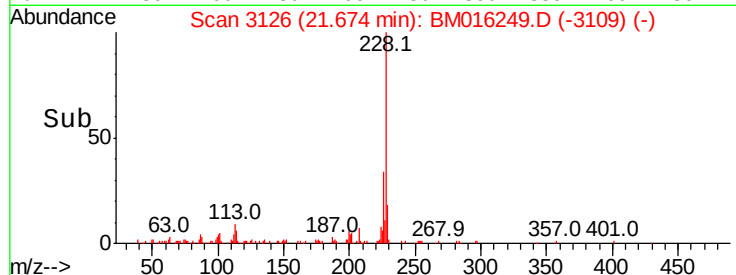
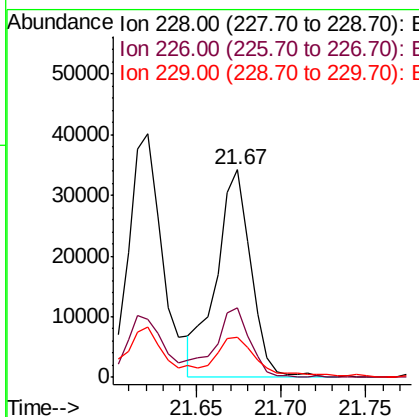
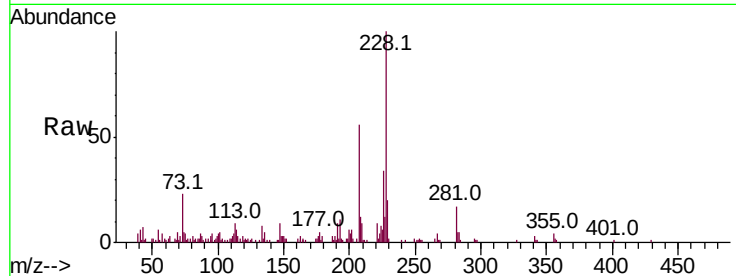
ClientSampled :

C-7

Tot Ion:	228	Resp:	48999
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.1	36.1
229	19.5	15.5	23.3

Manual Integrations
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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.785 ng

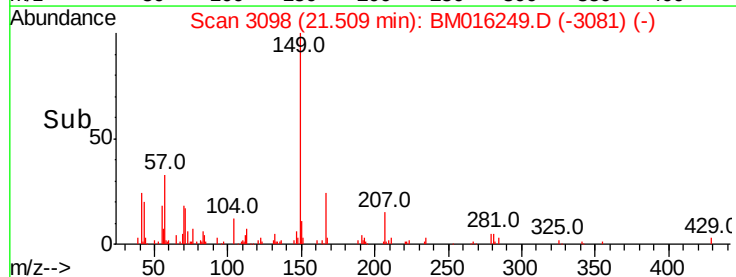
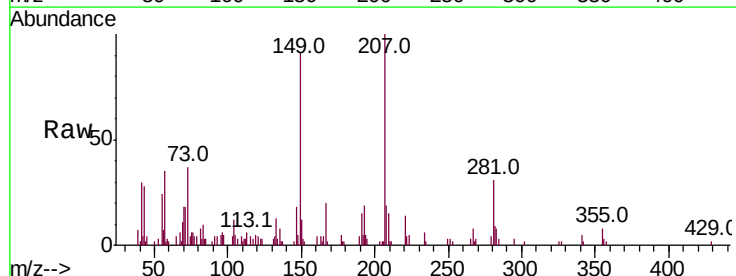
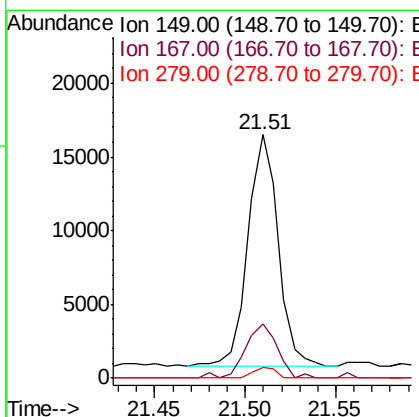
RT: 21.51 min Scan# 3098

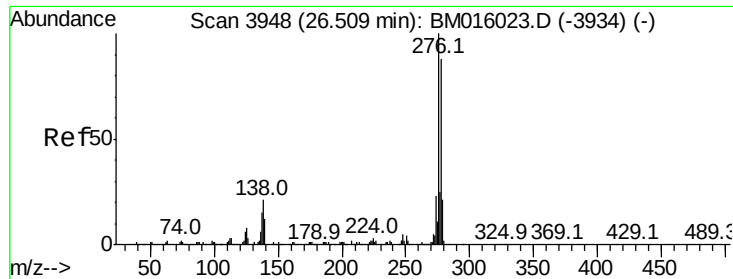
Delta R.T. 0.00 min

Lab File: BM016249.D

Acq: 08 Aug 2018 14:37

Tgt Ion:	149	Resp:	18340
Ion Ratio	Lower	Upper	
149	100		
167	22.1	22.4	33.6#
279	4.2	3.4	5.0





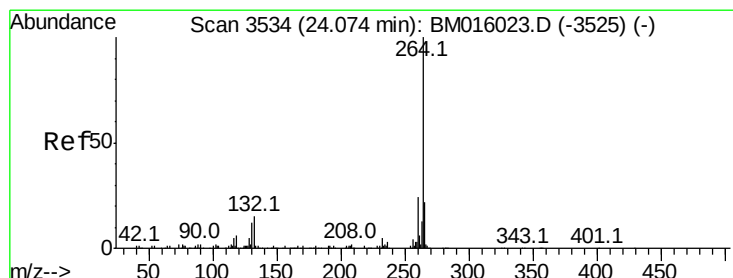
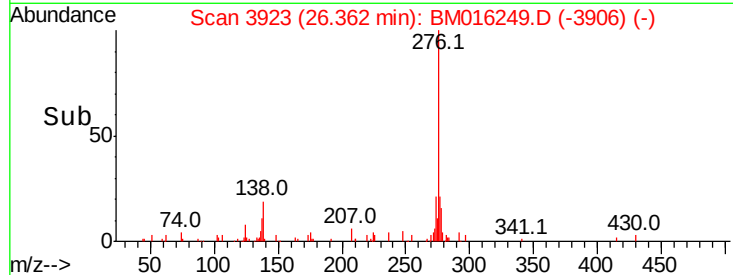
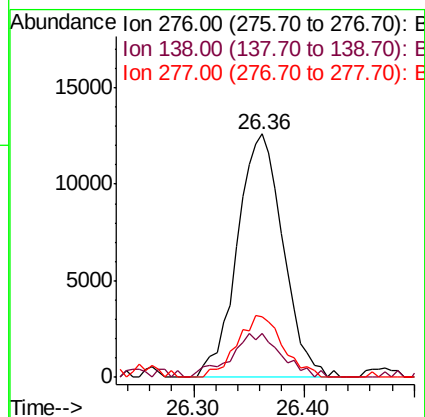
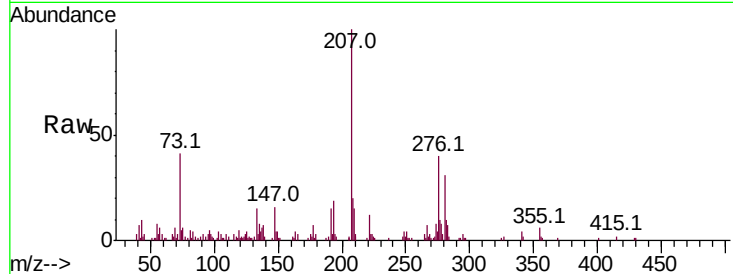
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.500 ng
RT: 26.36 min Scan# 3923
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampleId :
C-7

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	12.0	18.0#
277	25.2	20.0	30.0

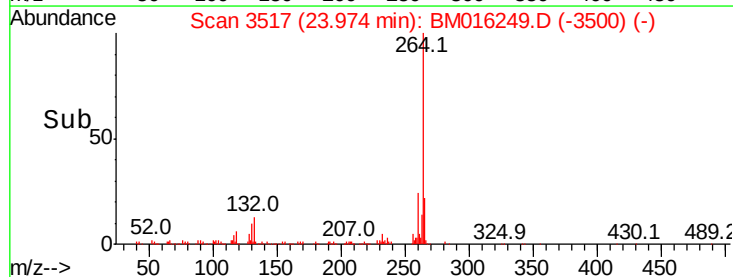
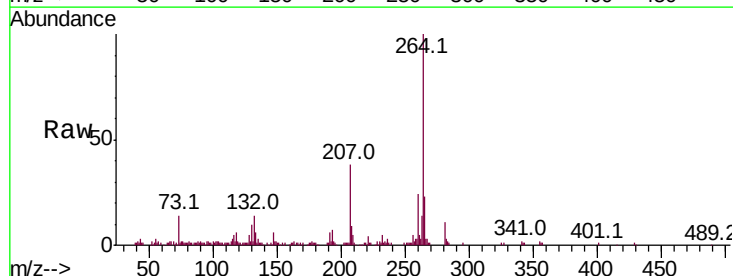
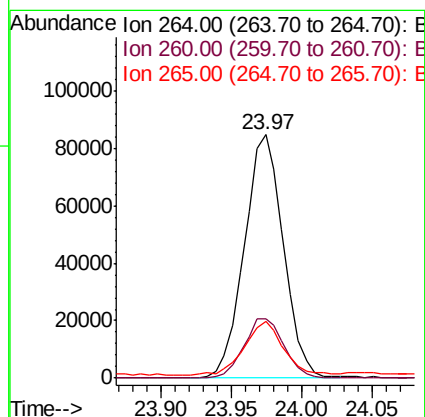
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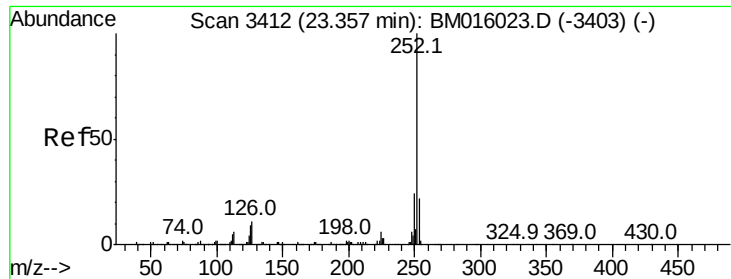
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.97 min Scan# 3517
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	23.3	17.3	25.9





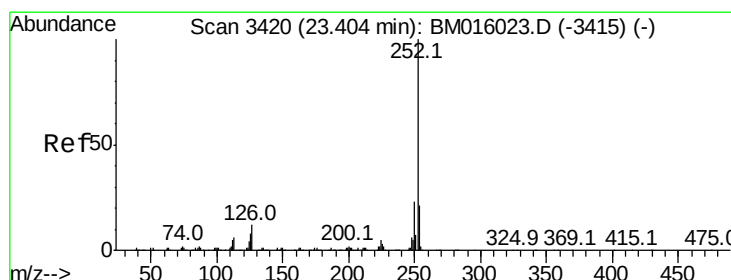
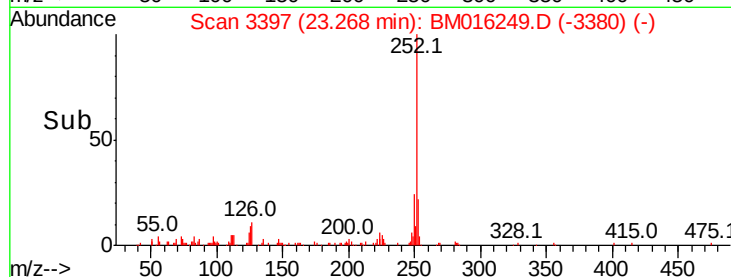
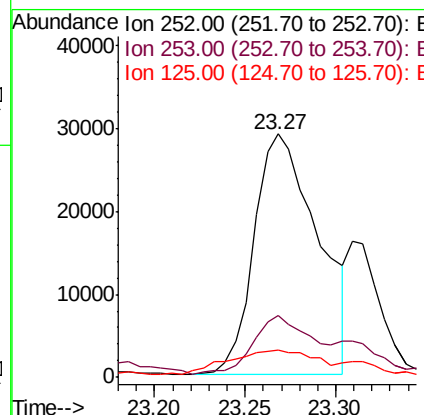
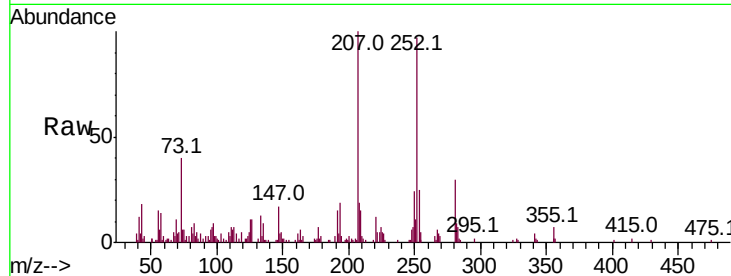
#87
Benzo(b)fluoranthene
Concen: 7.370 ng
RT: 23.27 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampleId :
C-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.0	27.0
125	11.0	9.9	14.9

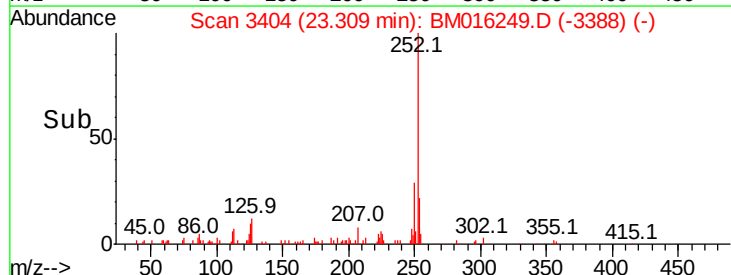
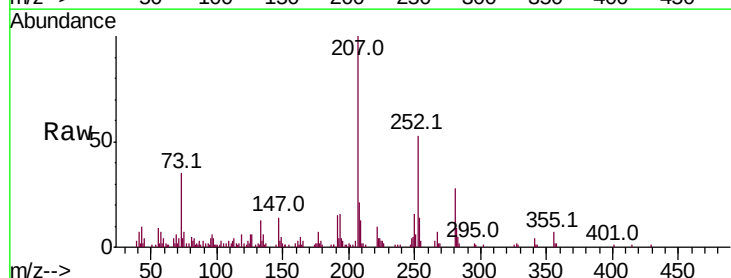
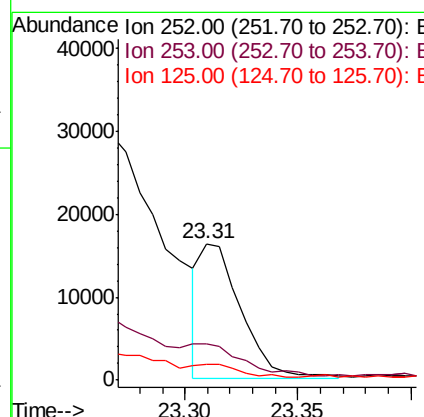
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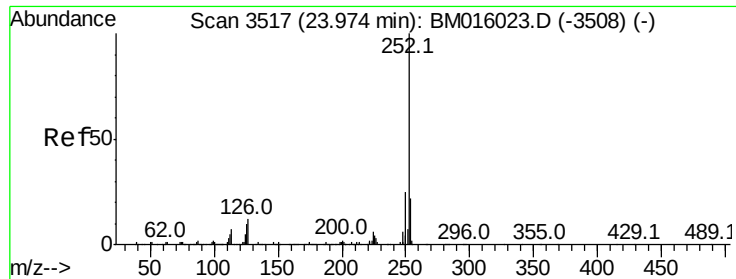
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#88
Benzo(k)fluoranthene
Concen: 2.041 ng m
RT: 23.31 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.2	25.8#
125	11.8	8.1	12.1





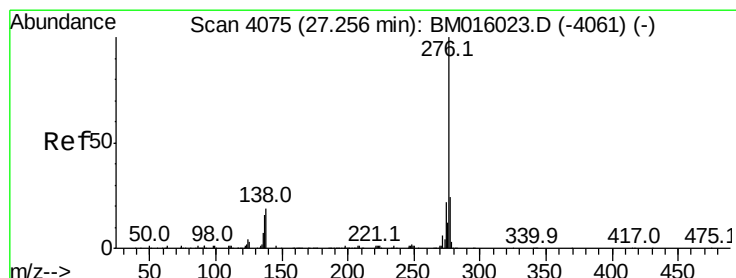
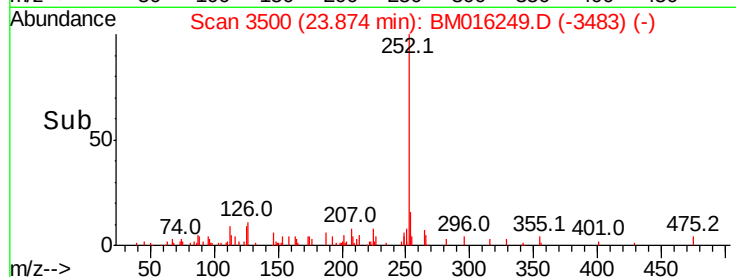
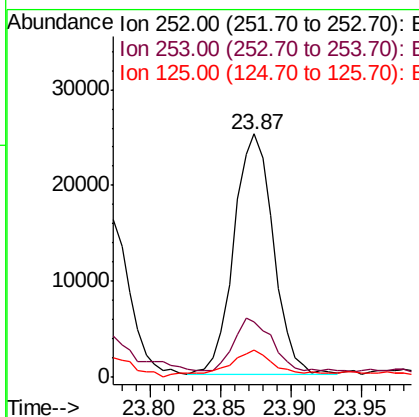
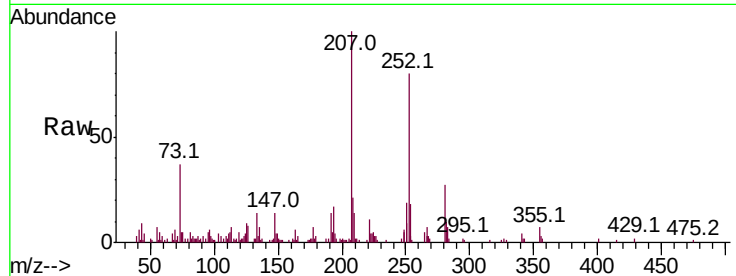
#89
Benzo(a)pyrene
Concen: 5.249 ng
RT: 23.87 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Instrument :
BNA_M
ClientSampled :
C-7

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.3	7.4	11.2

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.792 ng
RT: 27.10 min Scan# 4049
Delta R.T. 0.01 min
Lab File: BM016249.D
Acq: 08 Aug 2018 14:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.1	18.5	27.7
138	19.2	19.0	28.6

