

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
 Data File : BF103219.D
 Acq On : 26 Feb 2018 15:27
 Operator : SJ/JU
 Sample : J1660-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-2342

Manual Integrations
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 2/27/2018 12:22:46 PM

Quant Time: Feb 26 16:33:11 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162717	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	669656	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	280007	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	391815	20.00	ng	0.00
75) Chrysene-d12	14.04	240	282554	20.00	ng	0.00
86) Perylene-d12	15.53	264	294720	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1071762	99.62	ng	0.01
7) Phenol-d6	6.50	99	1249651	94.92	ng	0.00
23) Nitrobenzene-d5	7.43	82	823100	70.19	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	204452	86.26	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1156162	67.72	ng	0.00
78) Terphenyl-d14	12.98	244	701567	59.69	ng	0.00

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Target Compounds

						Qvalue
49) Dimethylphthalate	9.62	163	111304	4.955	ng	99
70) Phenanthrene	11.42	178	108738	5.043	ng	98
74) Fluoranthene	12.61	202	182534	8.424	ng	98
77) Pyrene	12.84	202	158149	7.179	ng	99
80) Benzo(a)anthracene	14.03	228	69700	3.802	ng	99
82) Chrysene	14.07	228	77163	4.335	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	36588	2.596	ng	99
87) Benzo(b)fluoranthene	15.10	252	98951m	5.106	ng	
89) Benzo(a)pyrene	15.47	252	62912	3.636	ng	# 95
91) Benzo(g,h,i)perylene	17.50	276	32451	2.483	ng	92

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

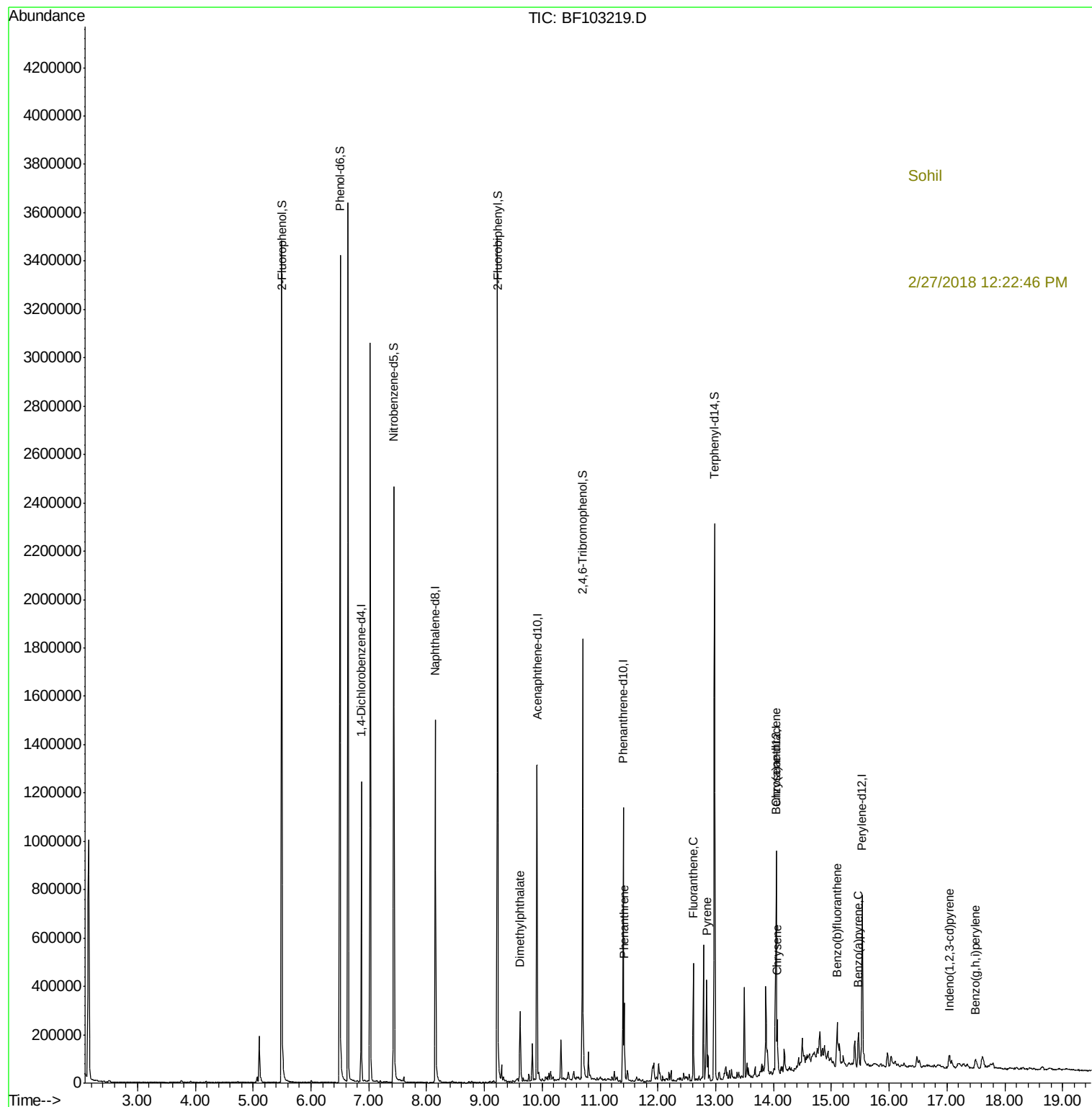
Data Path : Z:\HPCHEM1\BNA F\DATA\BF022618\
Data File : BF103219.D
Acq On : 26 Feb 2018 15:27
Operator : SJ/JU
Sample : J1660-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-2342

Manual Integrations
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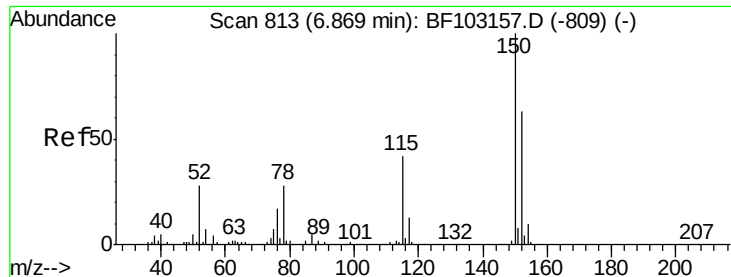
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Quant Time: Feb 26 16:33:11 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

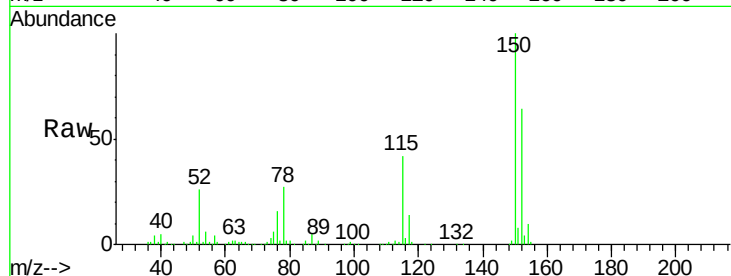
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampled :
RT-2342

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	64.9	50.1	75.1

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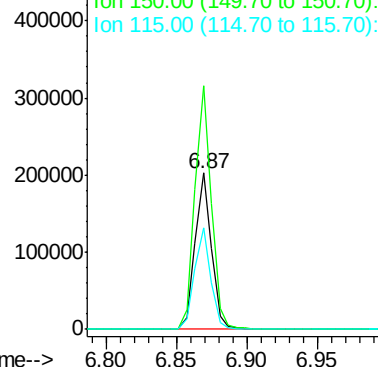


Abundance

Ion 152.00 (151.70 to 152.70): E

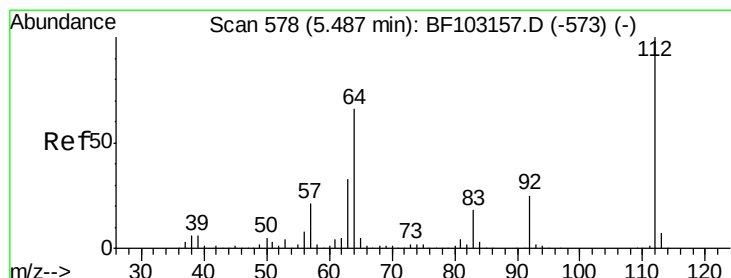
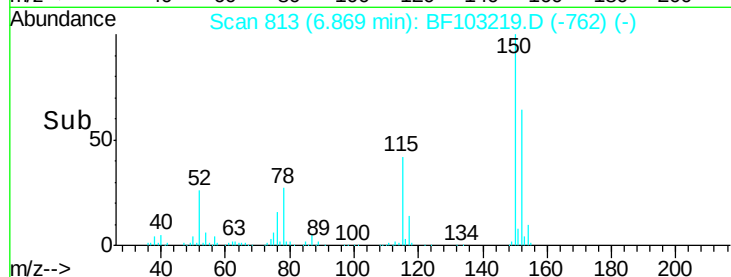
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



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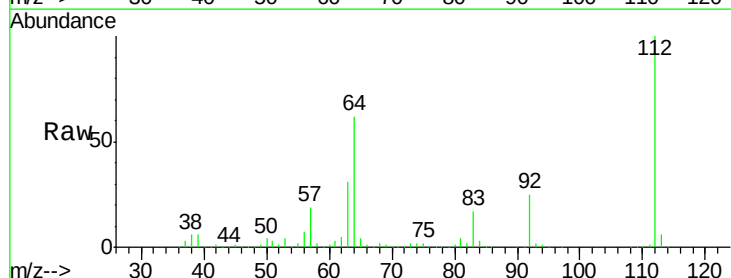
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#5

2-Fluorophenol
Concen: 99.619 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	47.9	71.9
63	30.7	23.7	35.5

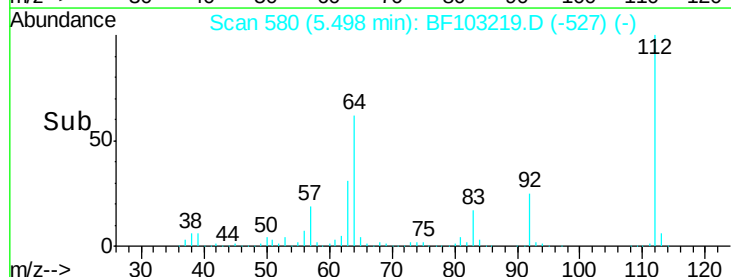
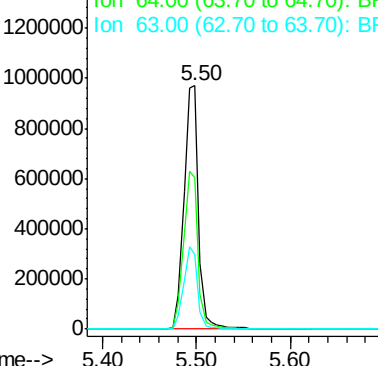


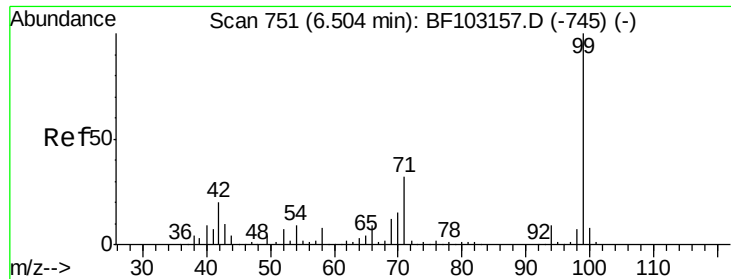
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.923 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103219.D

Acq: 26 Feb 2018 15:27

Instrument :

BNA_F

ClientSampleId :

RT-2342

Tot Ion: 99 Resp: 1249651

Ion Ratio Lower Upper

99 100

42 19.7 14.5 21.7

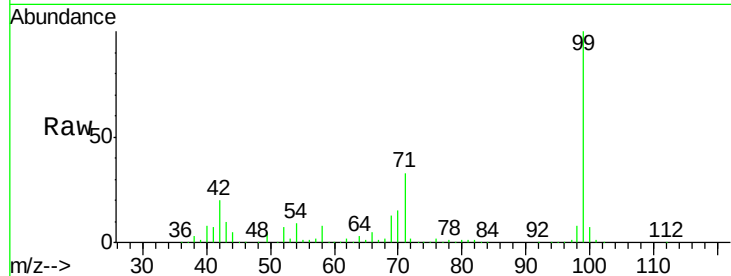
71 32.7 25.4 38.0

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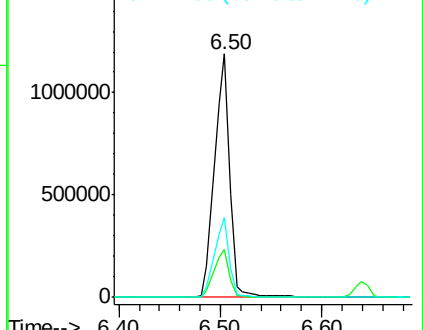
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Abundance Ion 99.00 (98.70 to 99.70): BF1

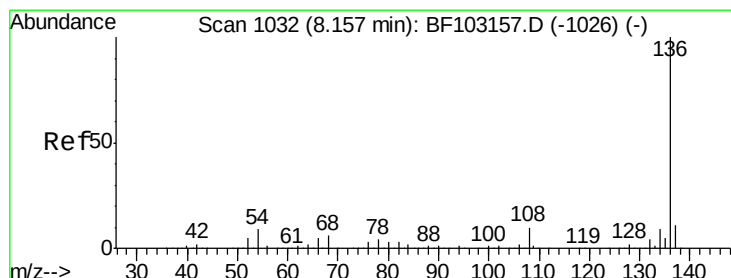
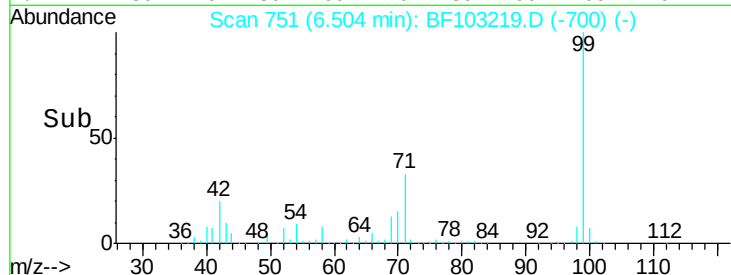
Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103219.D

Acq: 26 Feb 2018 15:27

Tgt Ion: 136 Resp: 669656

Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.5 6.6 9.8

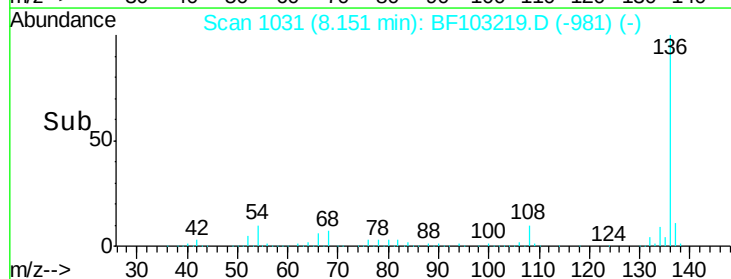
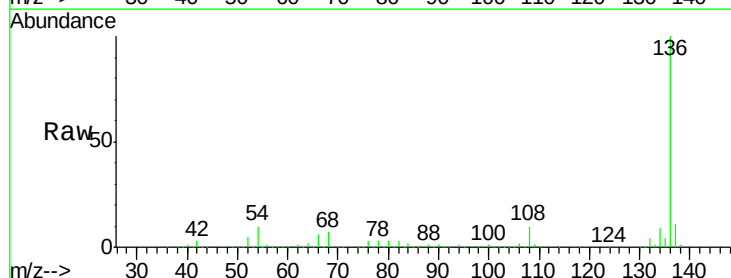
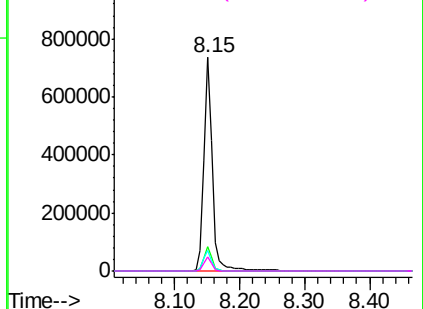
68 6.6 5.0 7.4

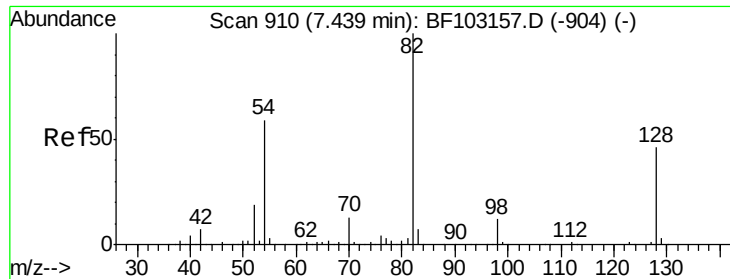
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





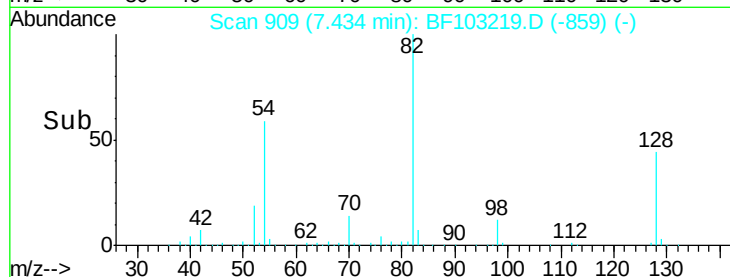
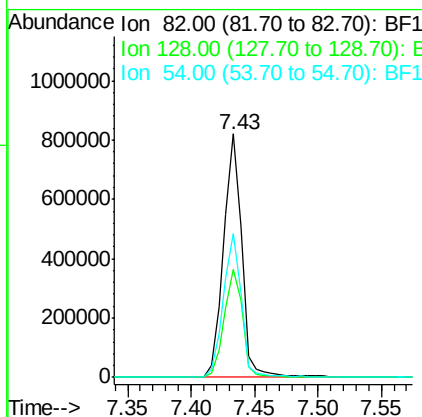
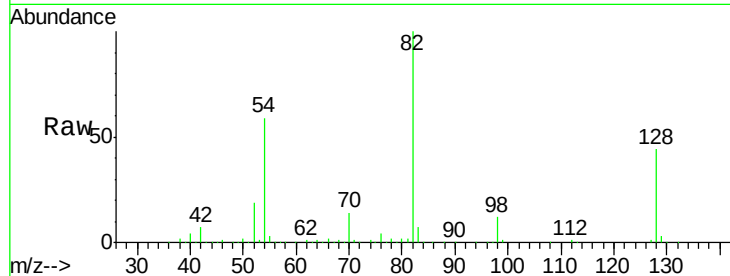
#23
Nitrobenzene-d5
Concen: 70.194 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampled :
RT-2342

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.4	36.1	54.1	
54	59.1	41.4	62.2	

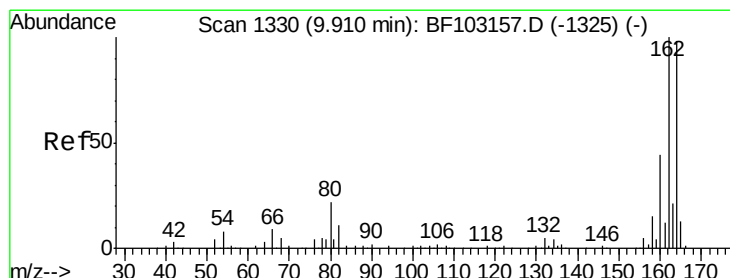
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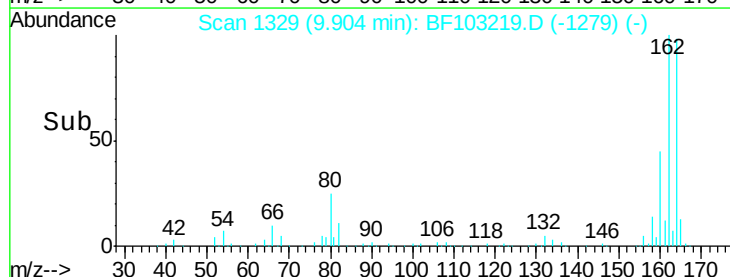
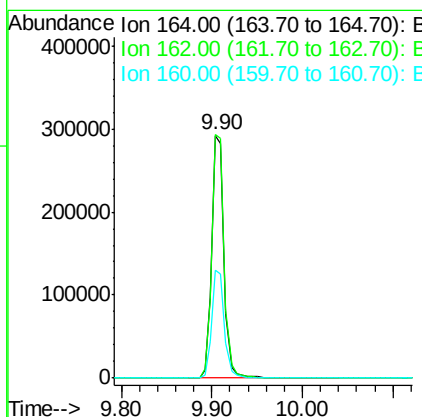
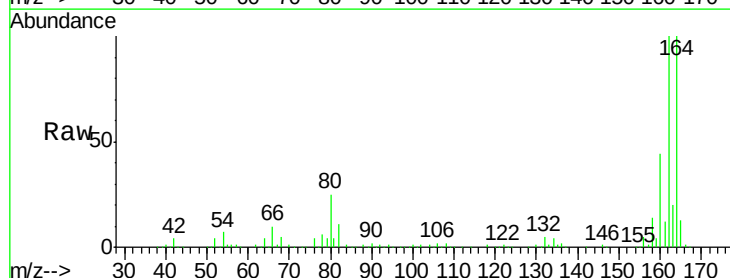
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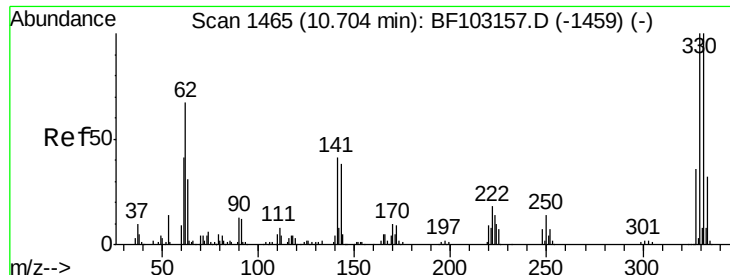
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.2	86.1	129.1	
160	44.6	38.3	57.5	





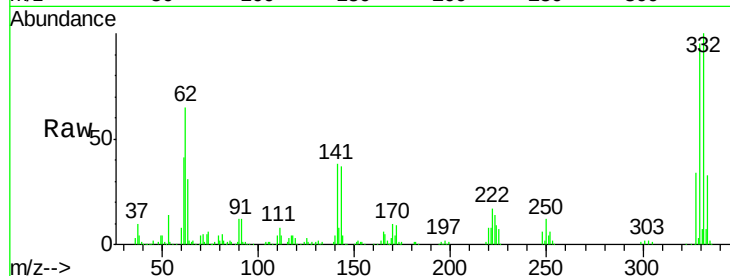
#41
 2,4,6-Tribromophenol
 Concen: 86.263 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF103219.D
 Acq: 26 Feb 2018 15:27

Instrument :
 BNA_F
 ClientSampled :
 RT-2342

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	41.4	29.9	44.9

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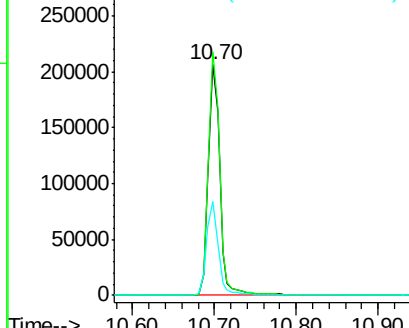


Abundance

Ion 329.80 (329.50 to 330.50): E

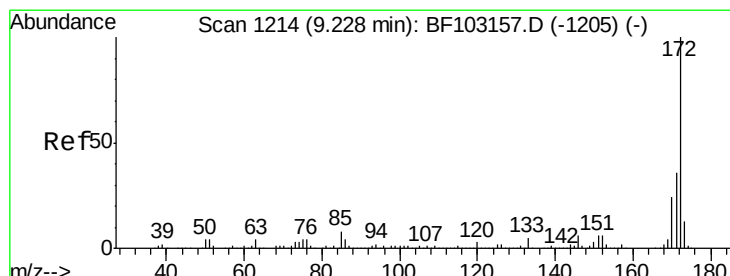
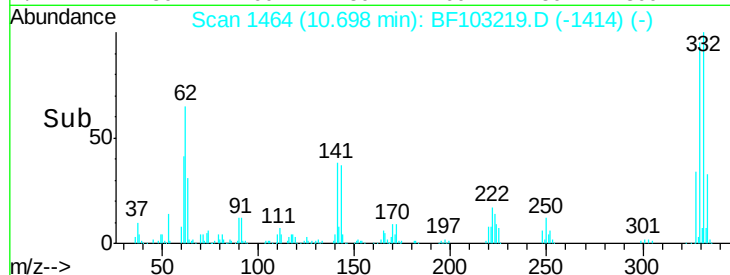
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



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#44
 2-Fluorobiphenyl
 Concen: 67.723 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF103219.D
 Acq: 26 Feb 2018 15:27

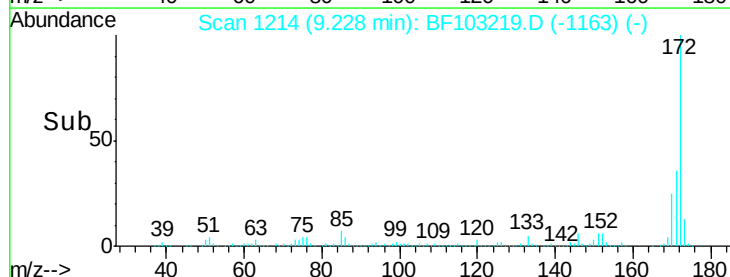
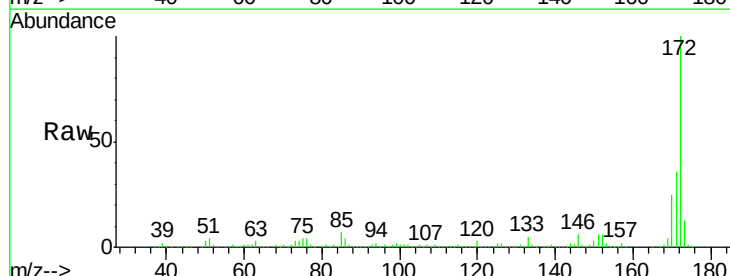
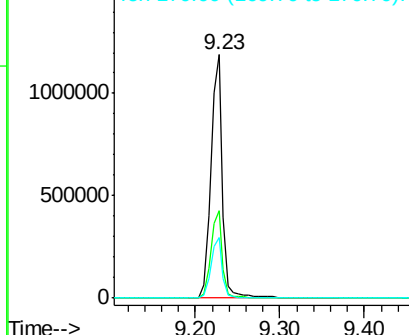
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.7	19.6	29.4

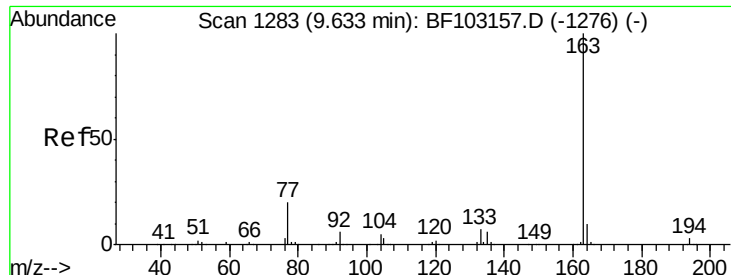
Abundance

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





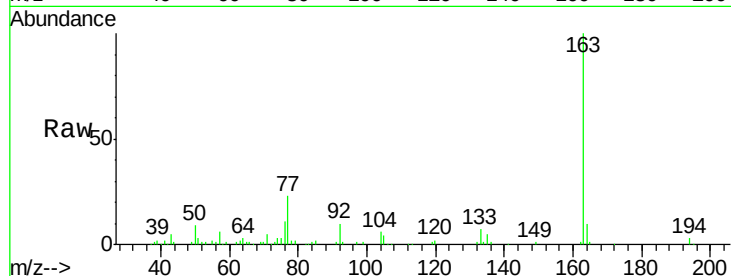
#49
Dimethylphthalate
Concen: 4.955 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampleId :
RT-2342

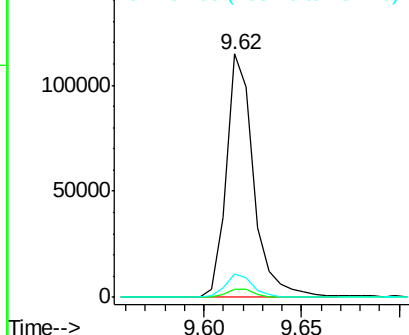
Tot Ion:	163	Resp:	111304
Ion Ratio	Lower	Upper	
163	100		
194	3.1	2.7	4.1
164	9.7	8.2	12.2

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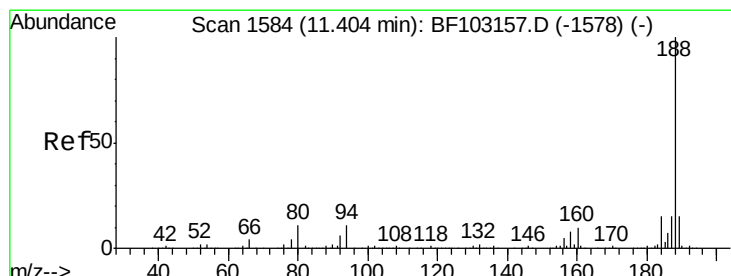
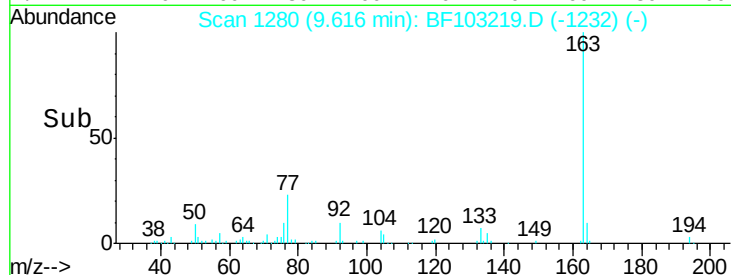


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



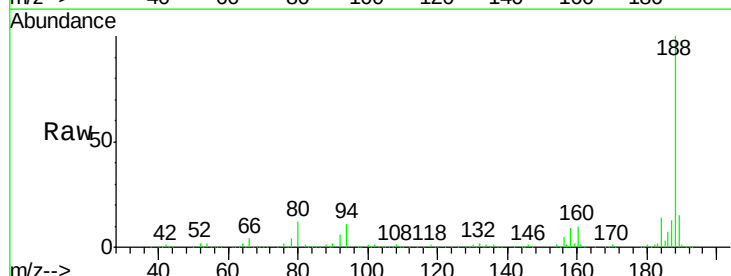
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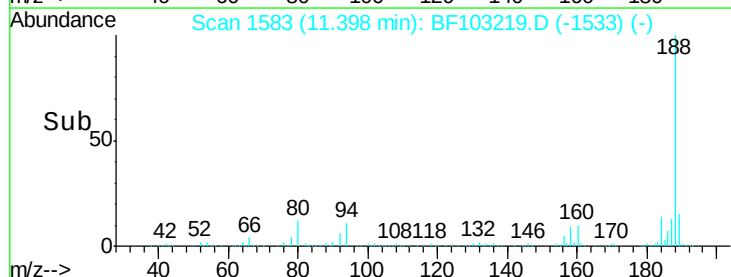
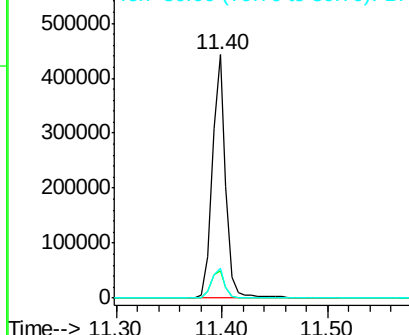


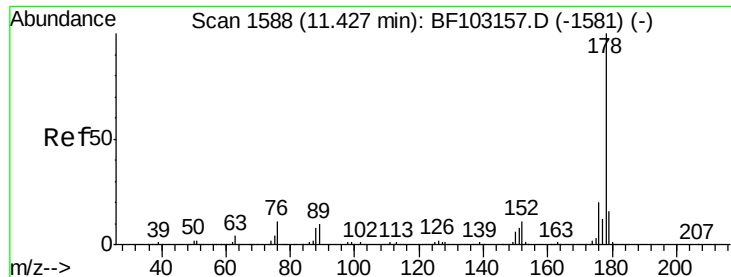
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion:	188	Resp:	391815
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	12.2	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





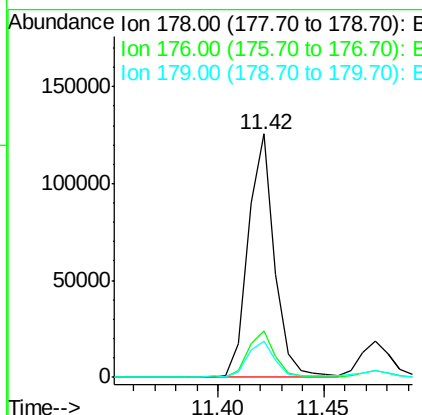
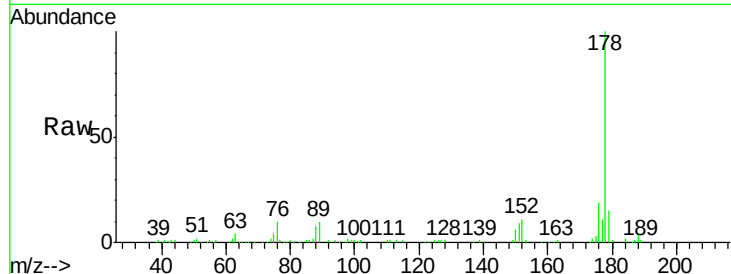
#70
Phenanthrene
Concen: 5.043 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampleId :
RT-2342

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.9	13.0	19.6

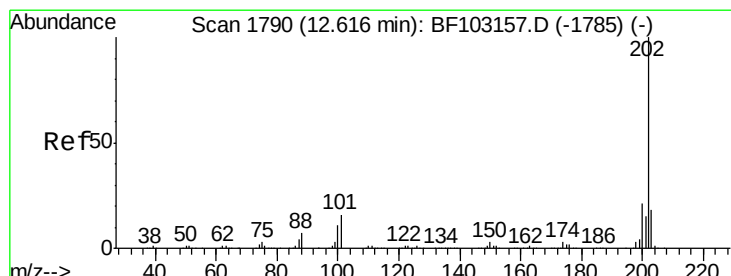
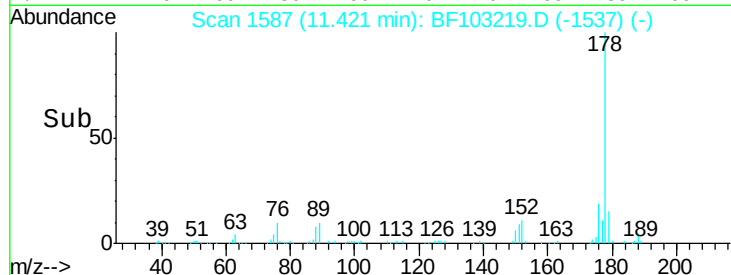
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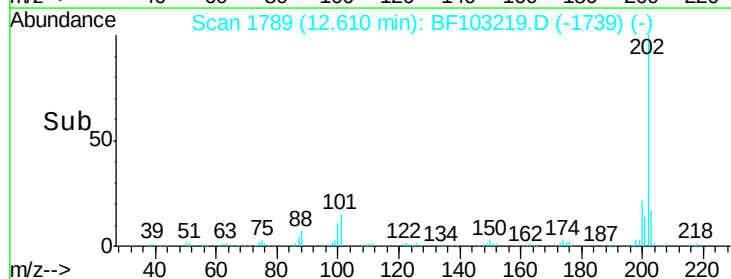
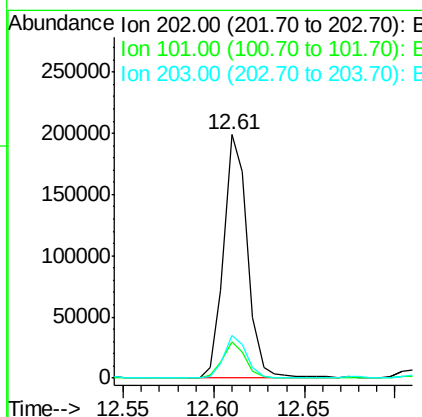
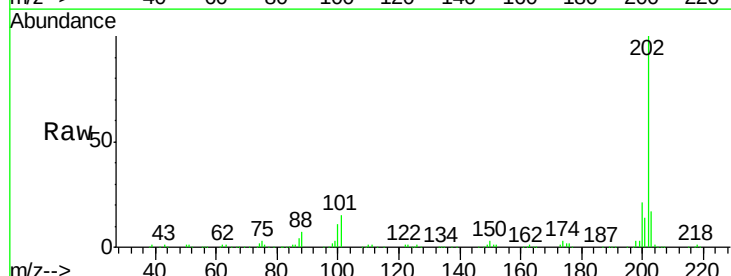
Sohil

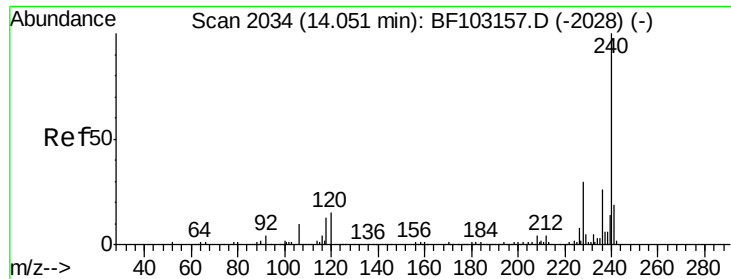
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#74
Fluoranthene
Concen: 8.424 ng
RT: 12.61 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103219.D

Acq: 26 Feb 2018 15:27

Instrument :

BNA_F

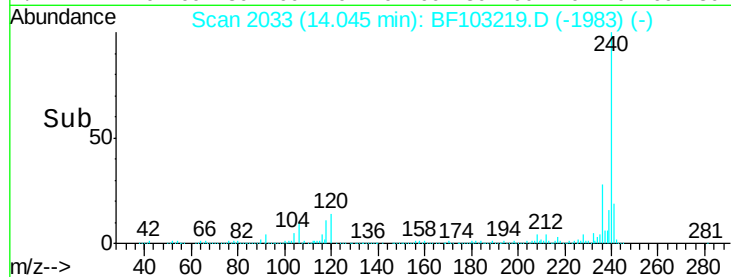
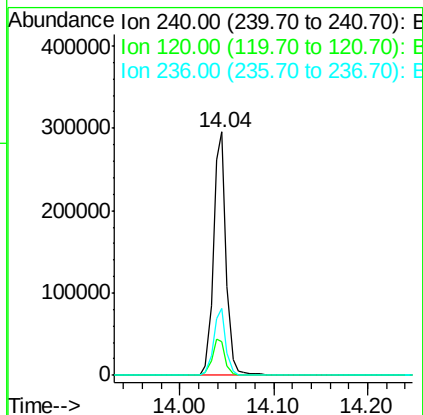
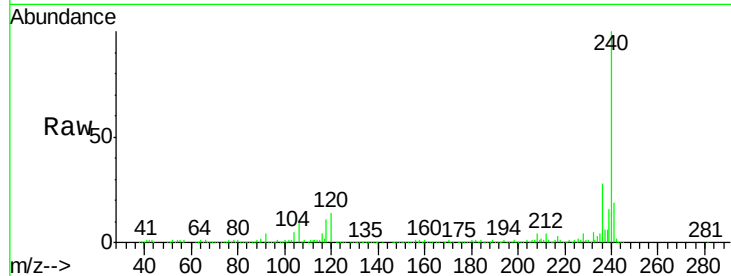
ClientSampled :

RT-2342

Tot Ion:	240	Resp:	282554
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	27.7	20.7	31.1

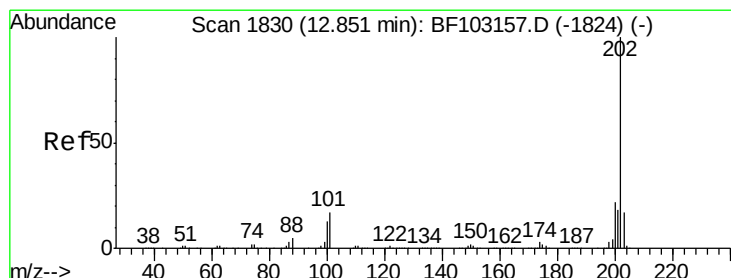
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#77

Pyrene

Concen: 7.179 ng

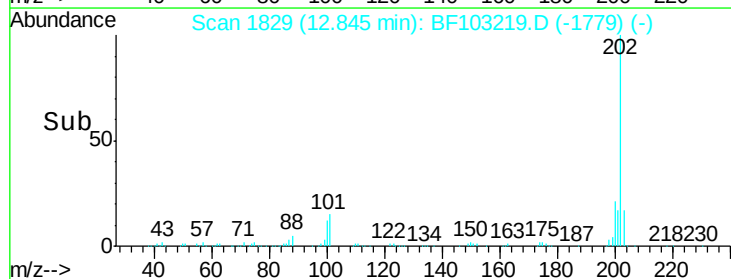
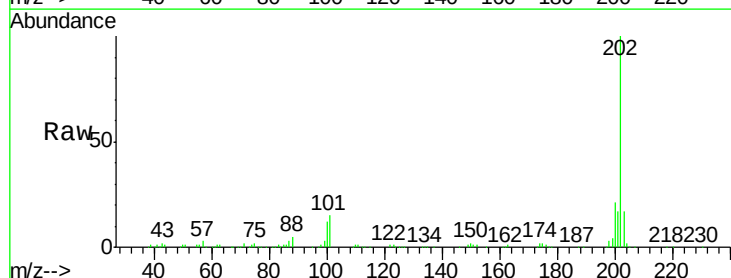
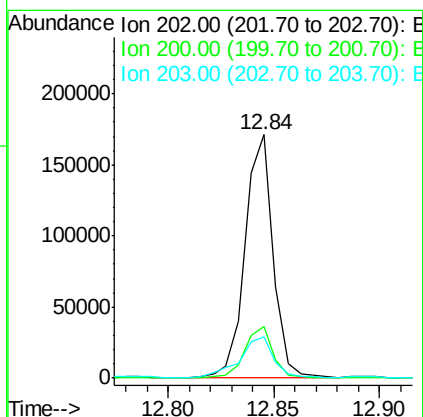
RT: 12.84 min Scan# 1829

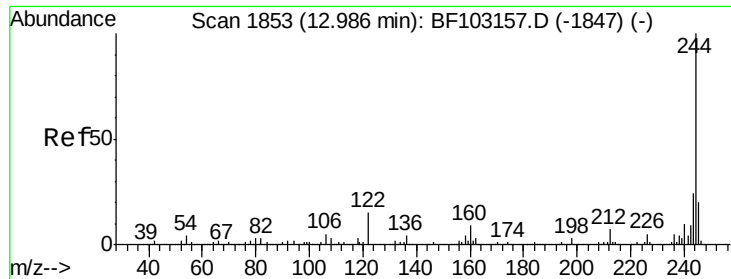
Delta R.T. -0.01 min

Lab File: BF103219.D

Acq: 26 Feb 2018 15:27

Tgt Ion:	202	Resp:	158149
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.2	14.3	21.5





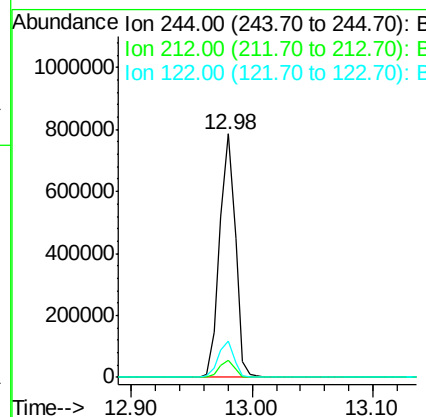
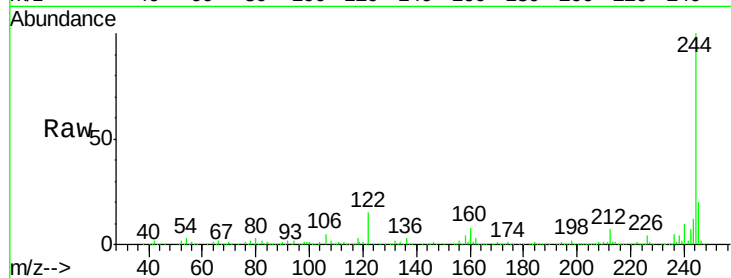
#78
 Terphenyl-d14
 Concen: 59.687 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF103219.D
 Acq: 26 Feb 2018 15:27

Instrument :
 BNA_F
 ClientSampled :
 RT-2342

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.7	11.0	16.4

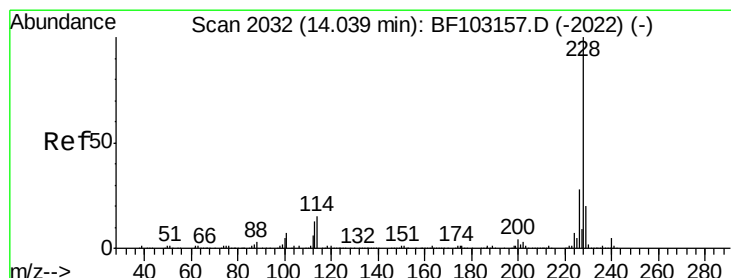
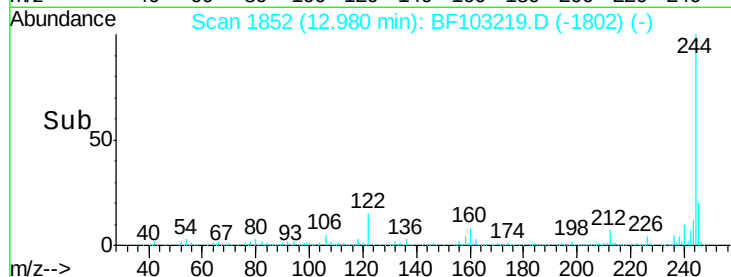
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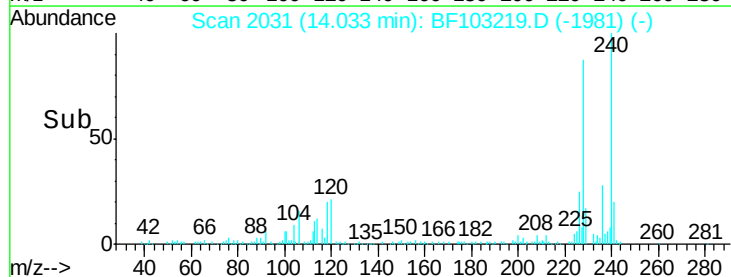
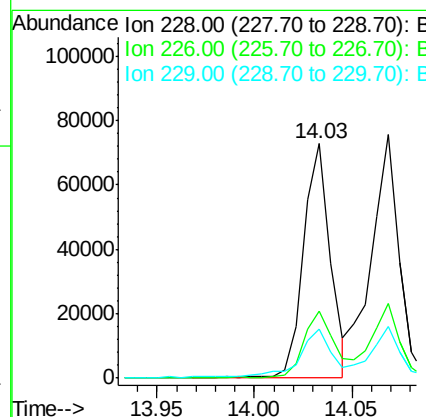
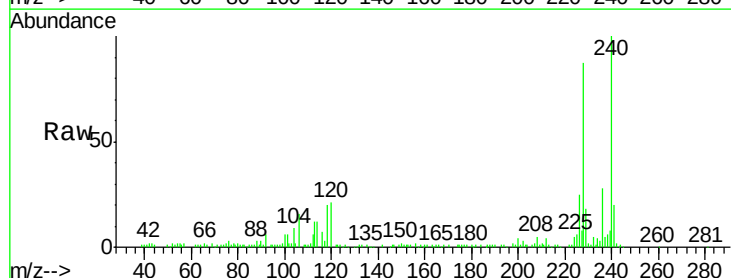
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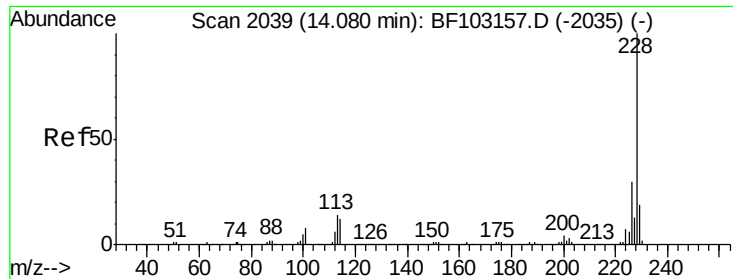
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#80
 Benzo(a)anthracene
 Concen: 3.802 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF103219.D
 Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.8	15.8	23.6





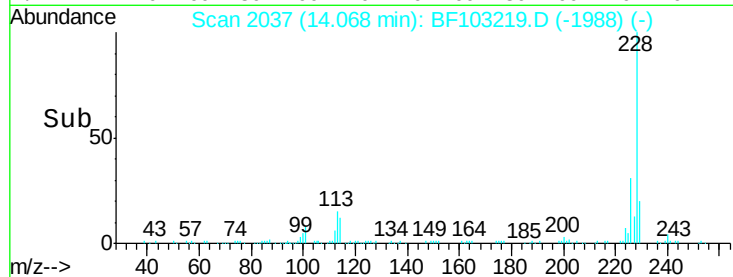
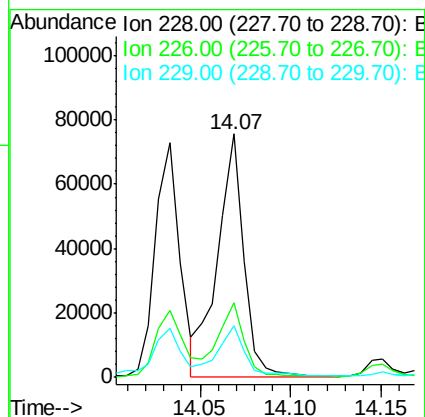
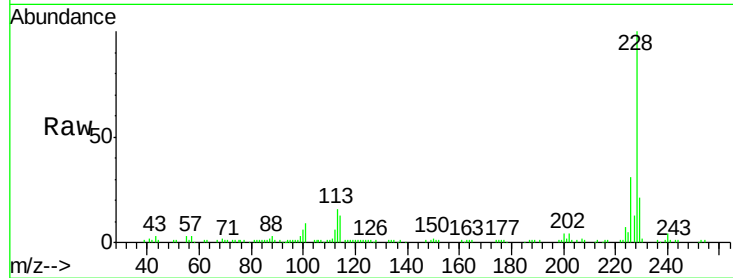
#82
Chrysene
Concen: 4.335 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampleId :
RT-2342

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	21.1	16.2	24.4

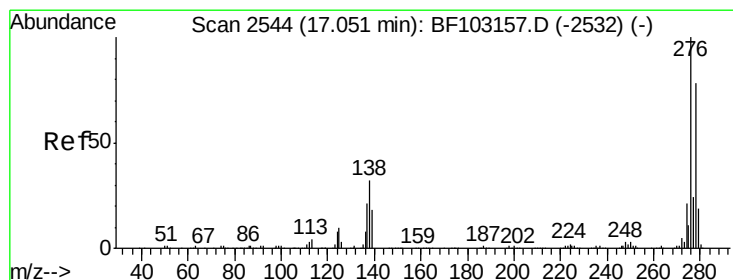
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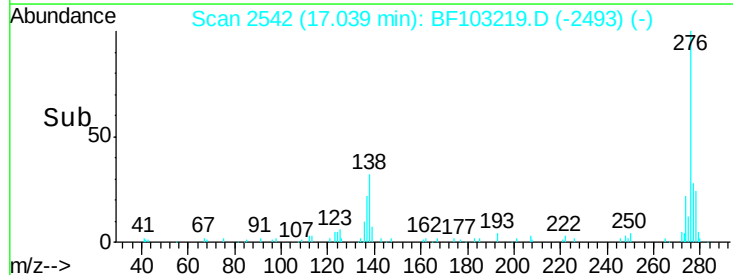
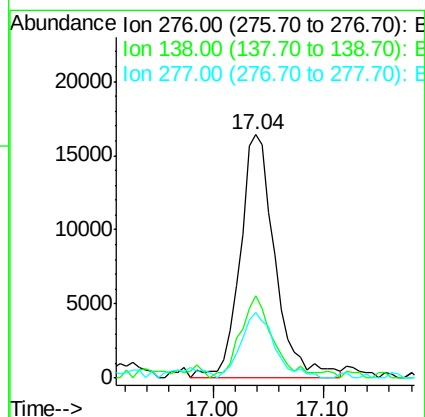
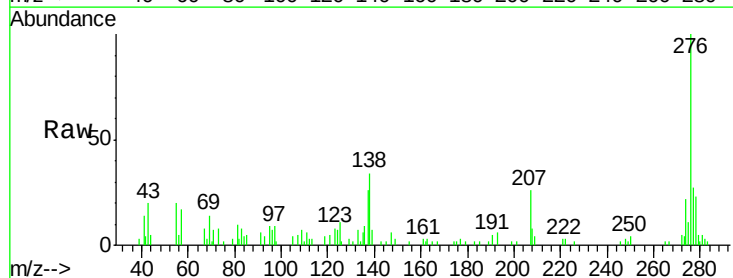
Sohil

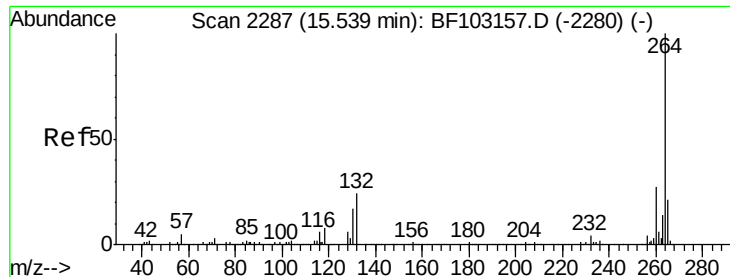
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.596 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	25.0	37.6
277	26.1	20.1	30.1





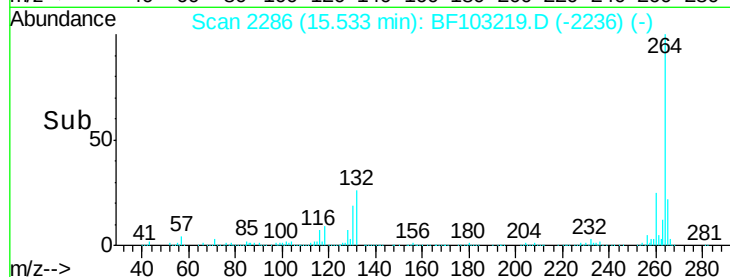
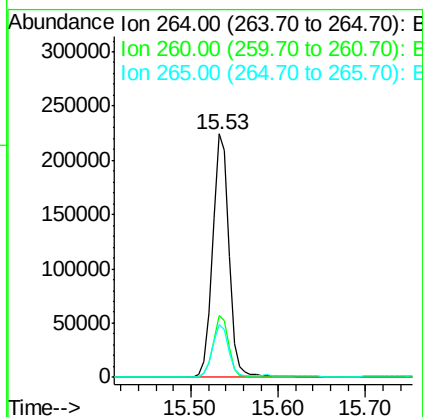
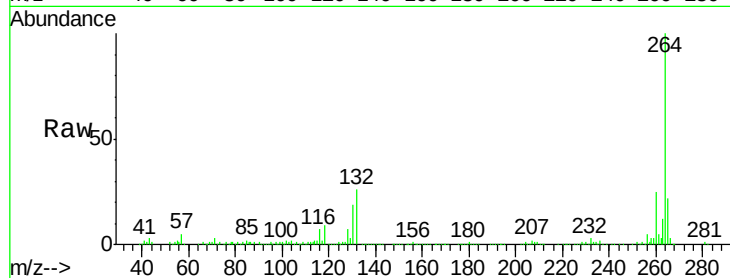
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampled :
RT-2342

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.2	28.8
265	21.5	17.5	26.3

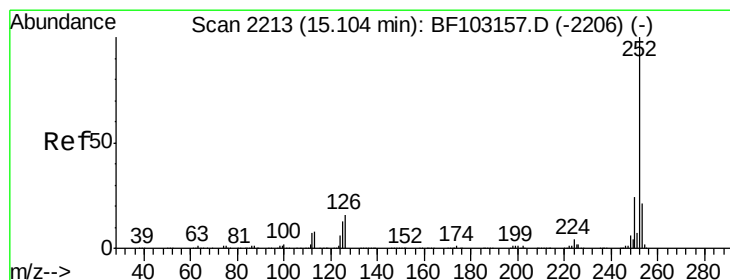
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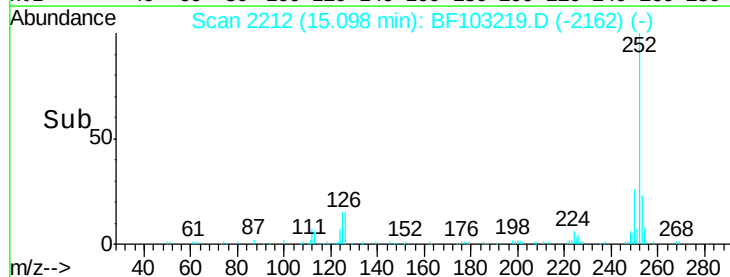
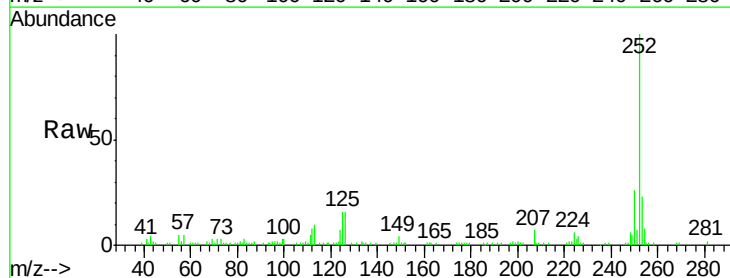
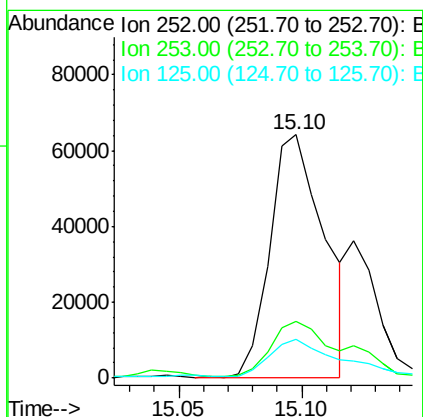
Sohil

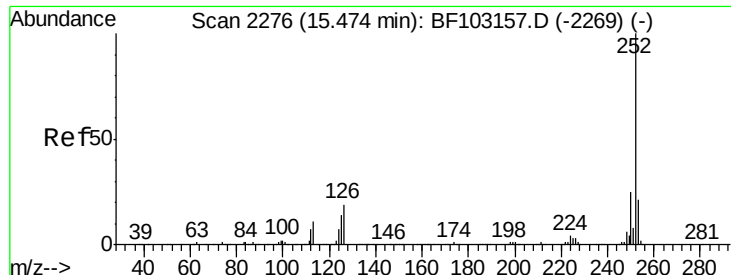
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#87
Benzo(b)fluoranthene
Concen: 5.106 ng m
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	15.9	9.0	13.6





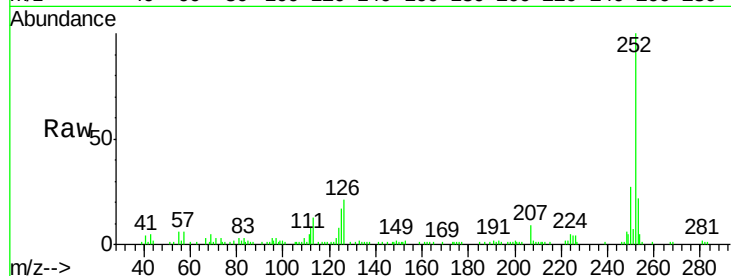
#89
Benzo(a)pyrene
Concen: 3.636 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Instrument :
BNA_F
ClientSampled :
RT-2342

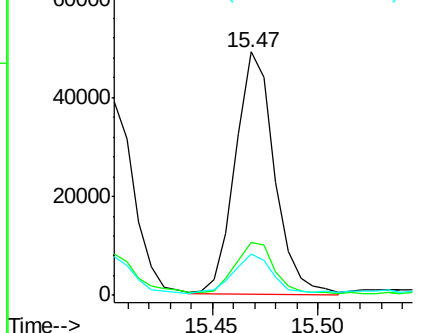
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	17.0	9.8	14.6

Manual Integrations
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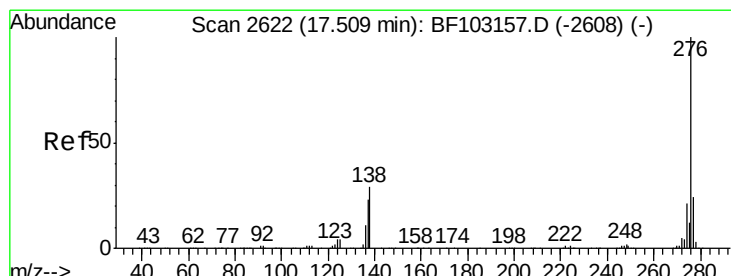
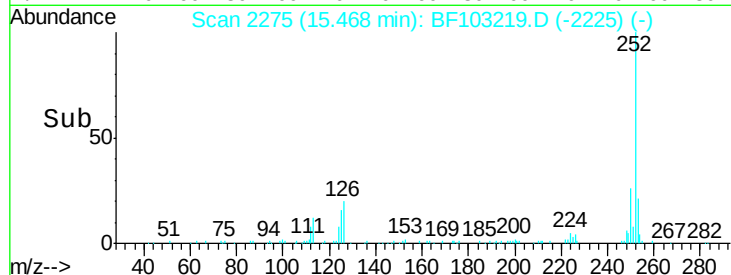


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



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#91
Benzo(g,h,i)perylene
Concen: 2.483 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF103219.D
Acq: 26 Feb 2018 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	17.9	26.9
138	31.5	21.8	32.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

