

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
 Data File : BF107349.D
 Acq On : 12 Jul 2018 19:47
 Operator : JU/SJ
 Sample : J3924-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-1-4

Manual Integrations
 APPROVED

Sohil
 7/13/2018 11:17:15 AM

Quant Time: Jul 13 03:43:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	62995	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	226348	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	100921	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	181828	20.00	ng	0.00
75) Chrysene-d12	14.14	240	175131	20.00	ng	0.00
86) Perylene-d12	15.67	264	126892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	466993	125.53	ng	0.01
7) Phenol-d6	6.58	99	569085	122.49	ng	0.00
23) Nitrobenzene-d5	7.50	82	358253	87.96	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	146214	125.00	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	591626	102.21	ng	0.00
78) Terphenyl-d14	13.06	244	604679	83.64	ng	0.00
Target Compounds						
10) Phenol	6.60	94	33376	6.295	ng	98
49) Dimethylphthalate	9.68	163	146320	19.331	ng	98
70) Phenanthrene	11.50	178	34627	3.948	ng	98
74) Fluoranthene	12.69	202	94458	9.772	ng	98
77) Pyrene	12.93	202	93584	8.103	ng	98
80) Benzo(a)anthracene	14.12	228	58603	5.490	ng	99
82) Chrysene	14.16	228	49702	5.061	ng	99
85) Indeno(1,2,3-cd)pyrene	17.26	276	25196	3.024	ng	# 88
87) Benzo(b)fluoranthene	15.21	252	58843m	7.465	ng	
88) Benzo(k)fluoranthene	15.24	252	21291m	2.836	ng	
89) Benzo(a)pyrene	15.61	252	40393	5.764	ng	97
91) Benzo(a,h,i)perylene	17.75	276	23610	4.068	ng	# 89

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

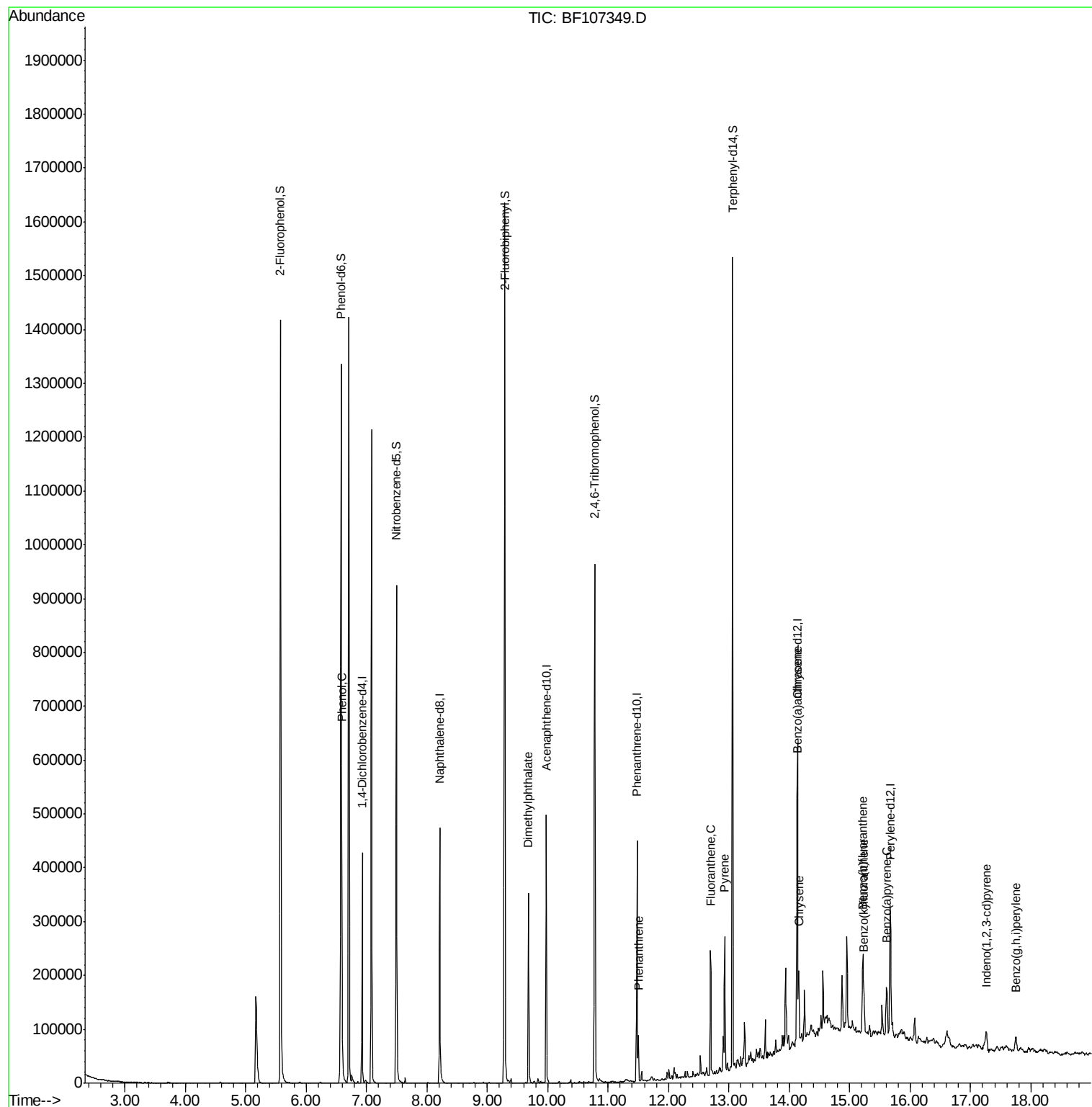
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107349.D
Acq On : 12 Jul 2018 19:47
Operator : JU/SJ
Sample : J3924-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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#1

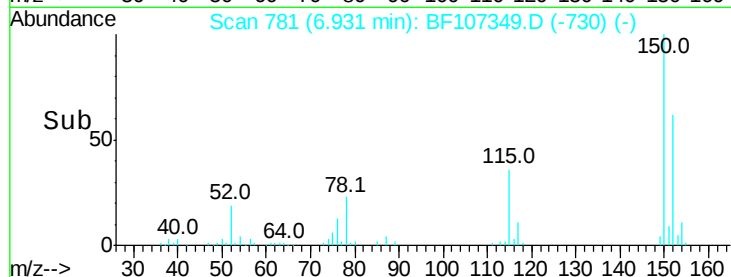
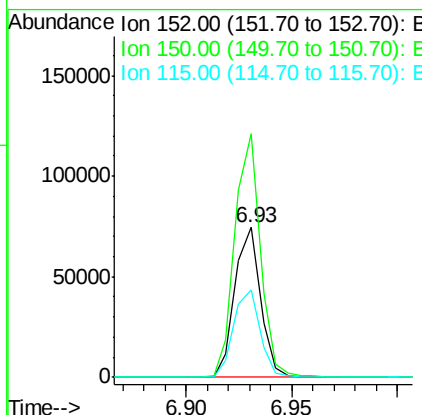
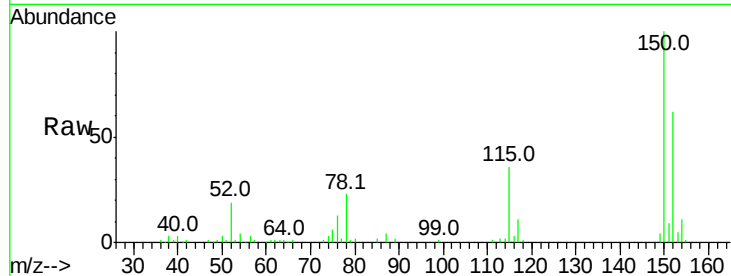
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	124.6	186.8
115	58.6	50.1	75.1

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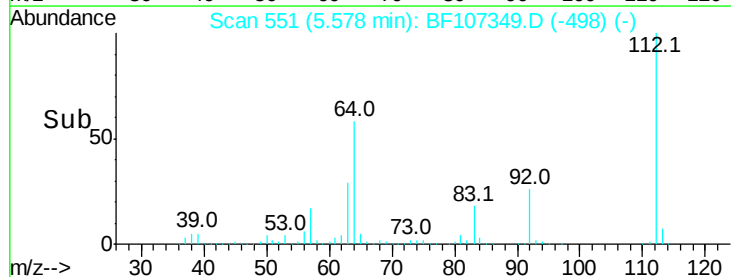
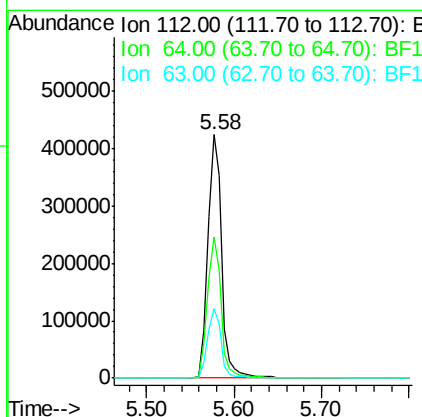
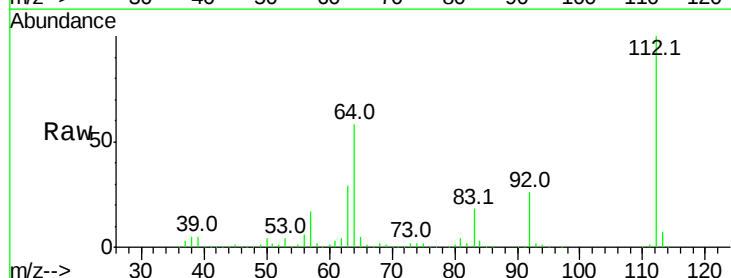
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#5

2-Fluorophenol
Concen: 125.529 ng
RT: 5.58 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	47.9	71.9
63	28.5	23.7	35.5





#7

Phenol-d6

Concen: 122.494 ng

RT: 6.58 min Scan# 722

Delta R.T. 0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Instrument :

BNA_F

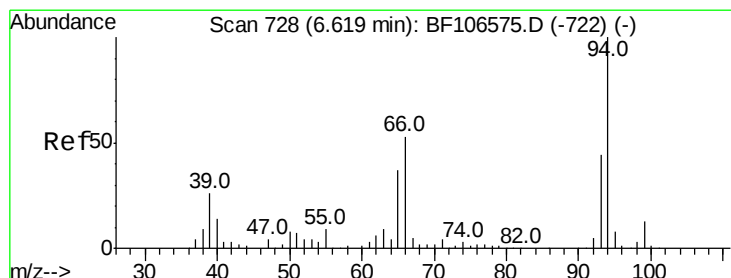
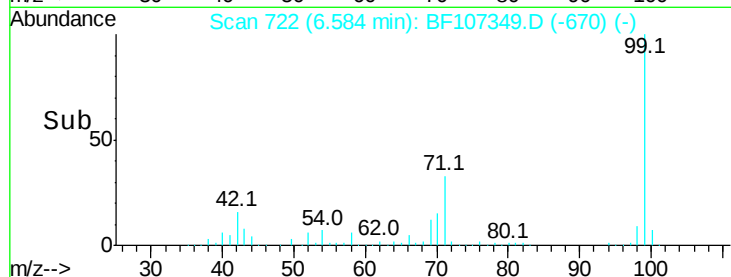
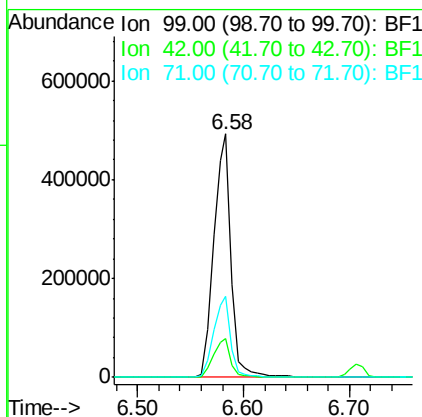
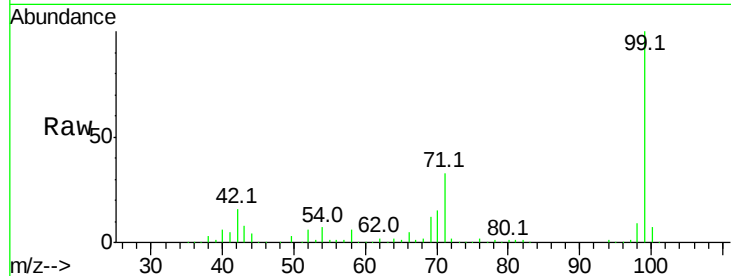
ClientSampled :

RO-1-4

Tot Ion:	99	Resp:	569085
Ion Ratio	Lower	Upper	
99	100		
42	15.8	14.5	21.7
71	33.4	25.4	38.0

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#10

Phenol

Concen: 6.295 ng

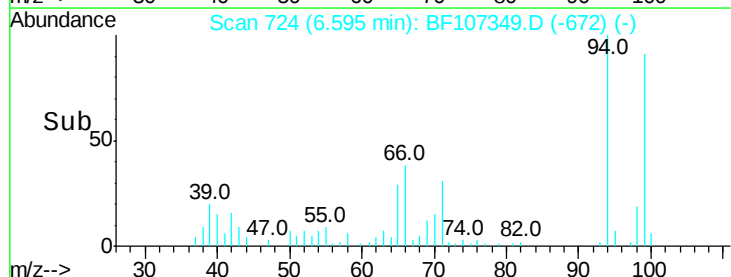
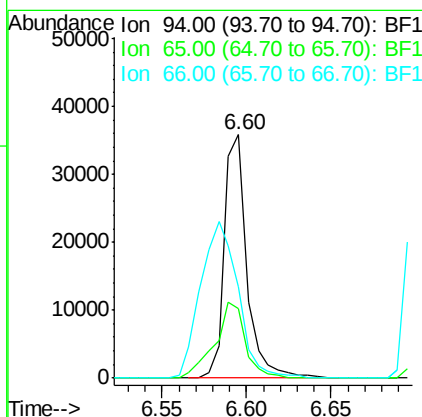
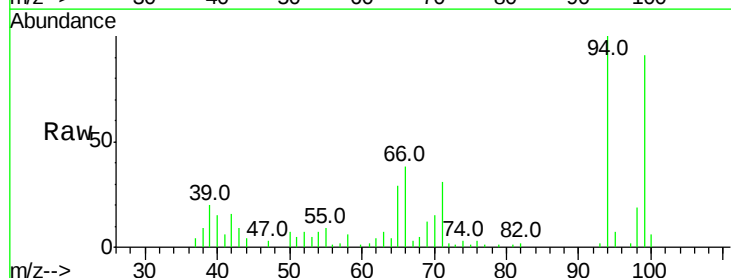
RT: 6.60 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Tgt Ion:	94	Resp:	33376
Ion Ratio	Lower	Upper	
94	100		
65	28.5	7.9	47.9
66	37.6	16.2	56.2





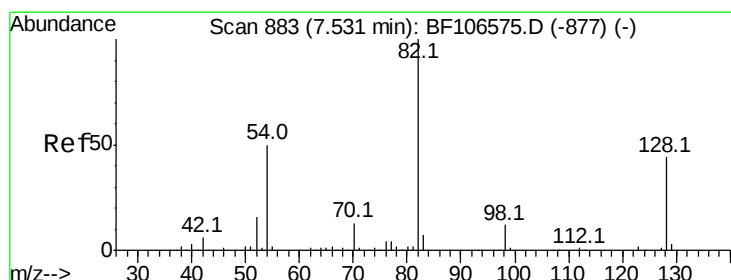
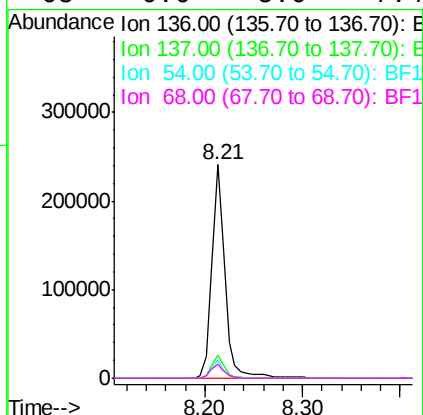
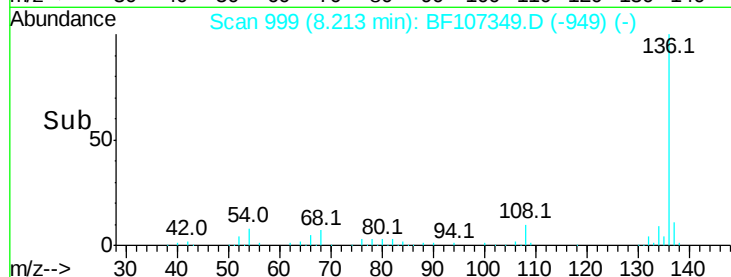
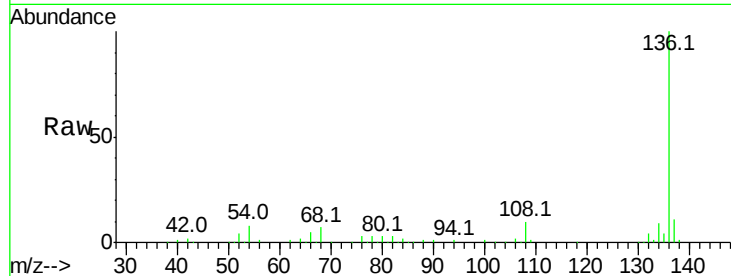
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.3	6.6	9.8	
68	6.6	5.0	7.4	

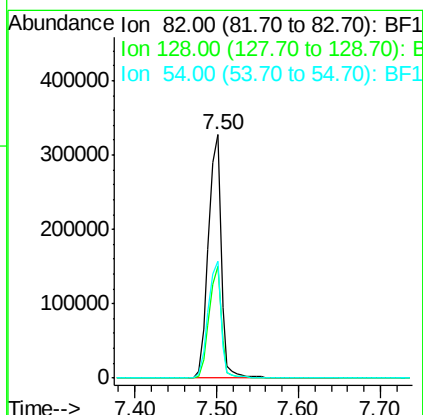
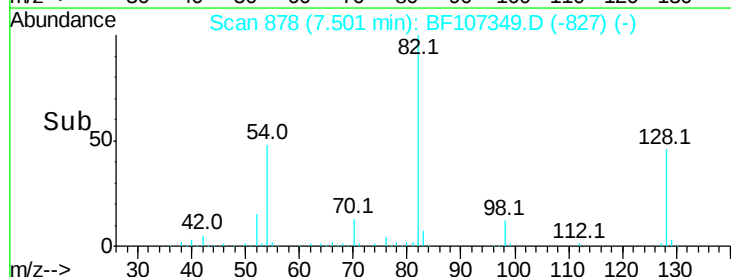
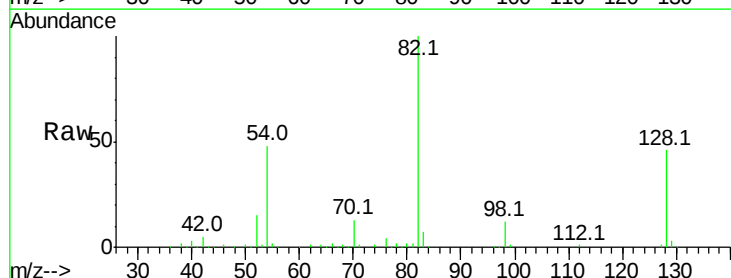
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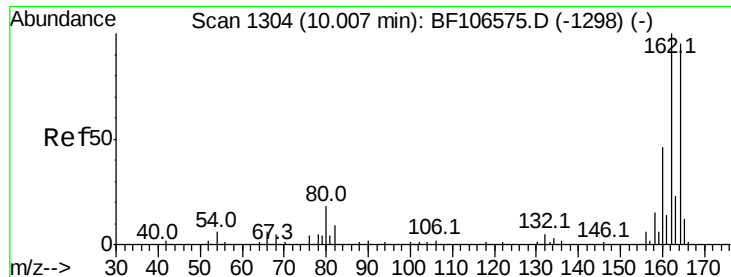
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#23
Nitrobenzene-d5
Concen: 87.959 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	36.1	54.1	
54	48.0	41.4	62.2	





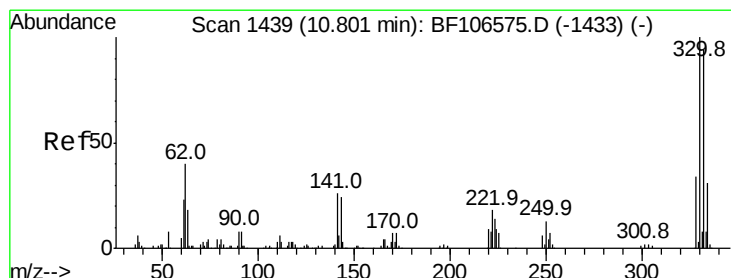
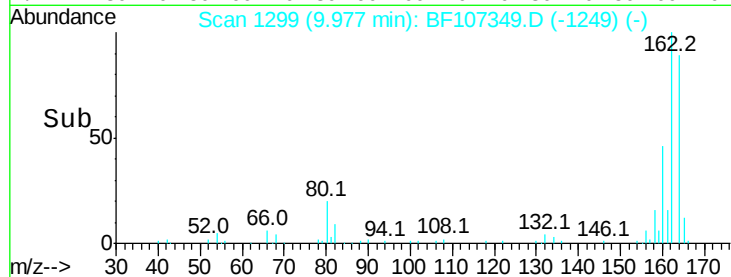
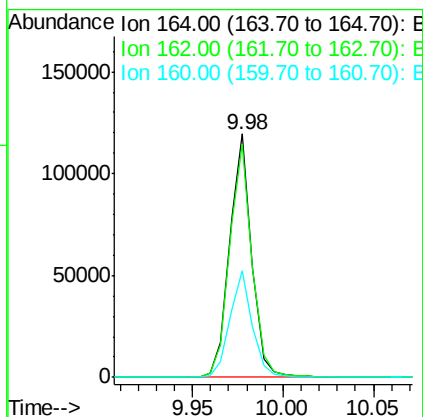
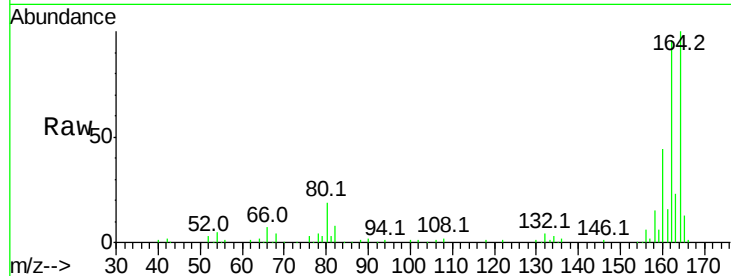
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Resp	Lower	Upper
164	100	100921		
162	96.1		86.1	129.1
160	43.7		38.3	57.5

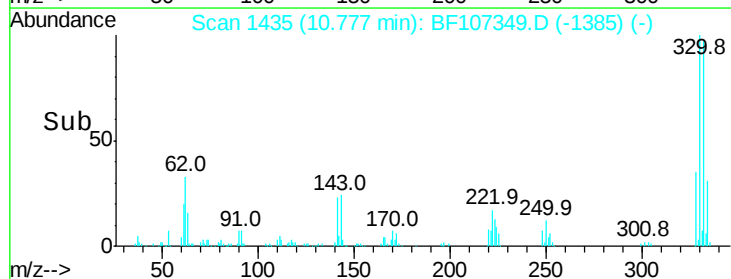
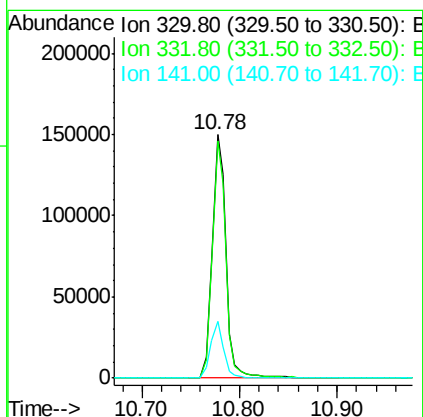
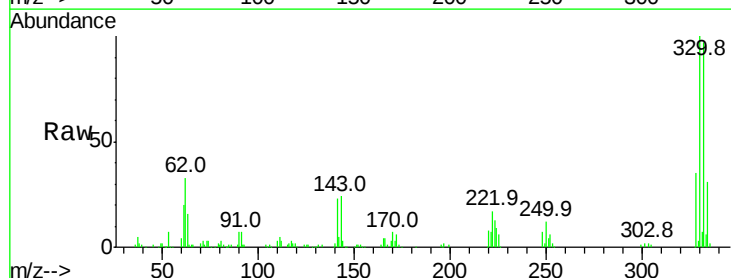
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#41
2,4,6-Tribromophenol
Concen: 125.001 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	146214		
332	96.0		77.0	115.6
141	22.5		29.9	44.9#





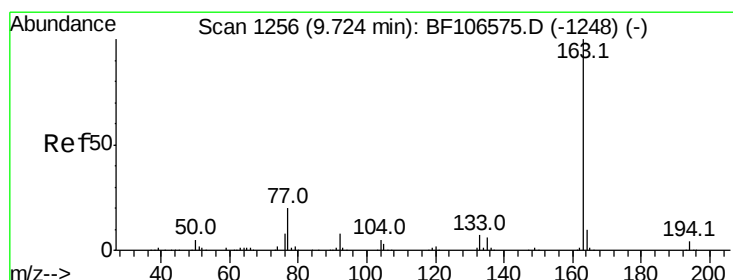
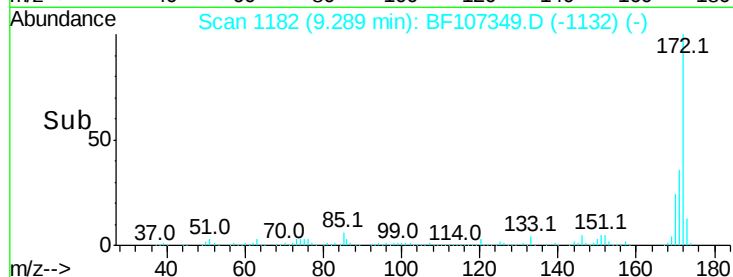
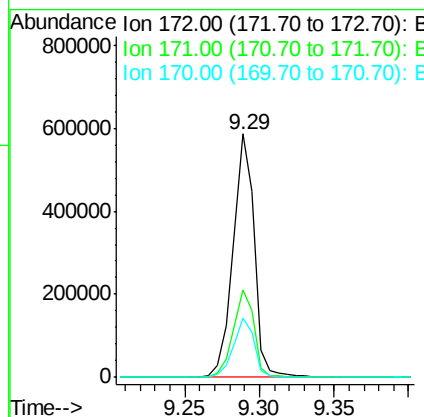
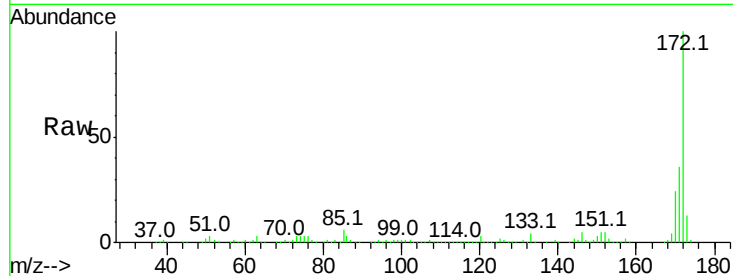
#44
2-Fluorobiphenyl
Concen: 102.214 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion:	172	Resp:	591626
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	24.4	19.6	29.4

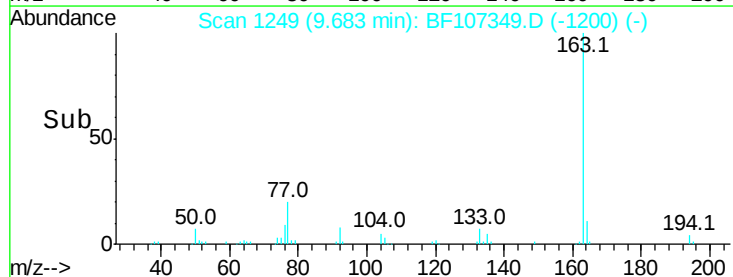
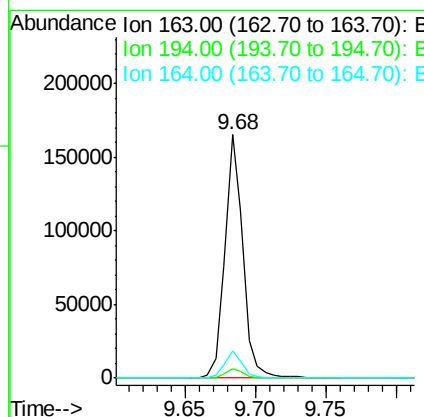
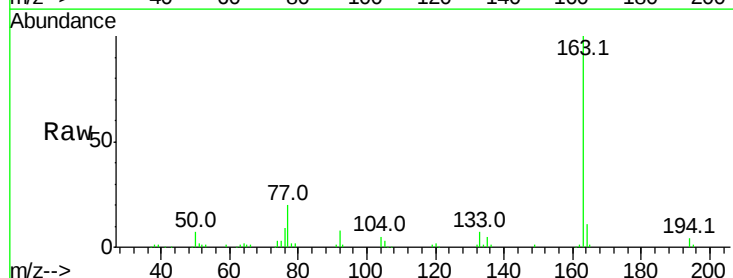
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#49
Dimethylphthalate
Concen: 19.331 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion:	163	Resp:	146320
Ion Ratio	Lower	Upper	
163	100		
194	4.1	2.7	4.1
164	11.1	8.2	12.2





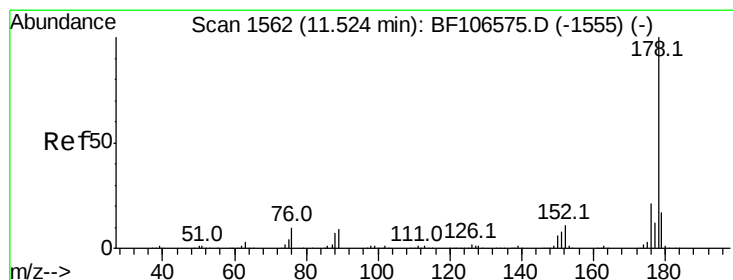
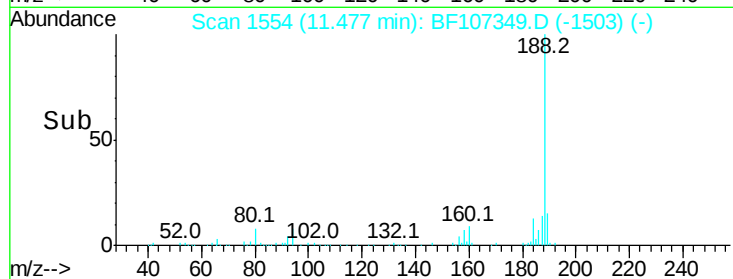
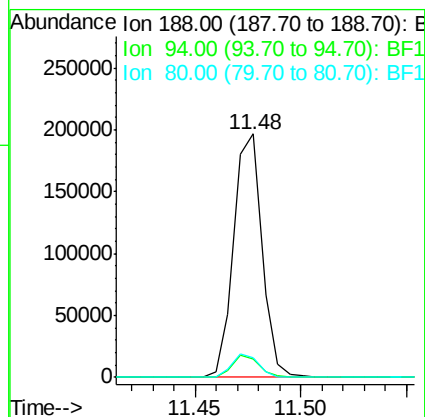
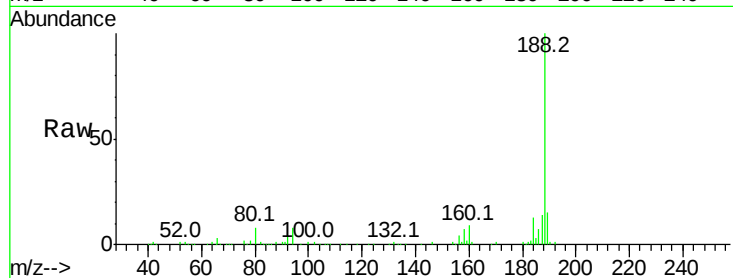
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.00 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	8.5	12.7#
80	8.2	9.2	13.8#

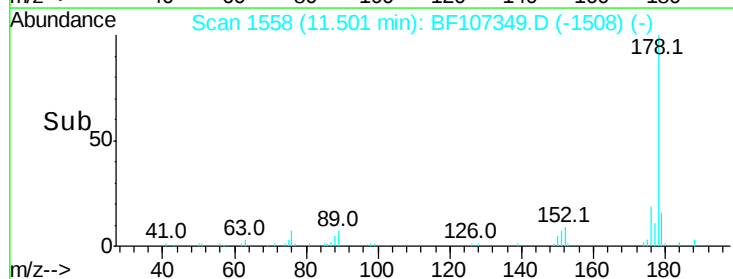
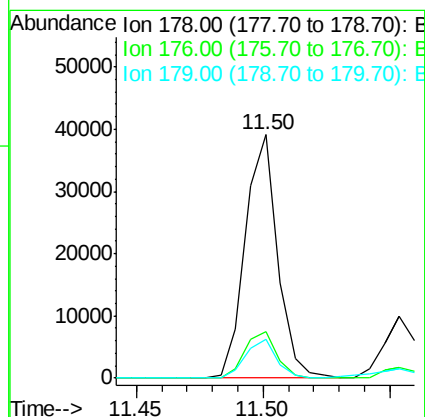
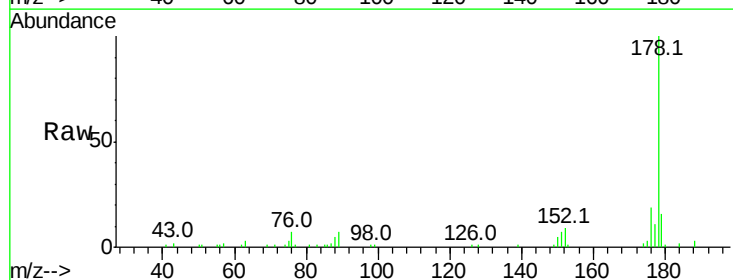
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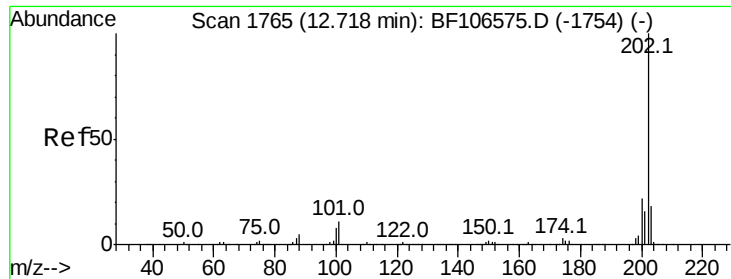
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#70
Phenanthrene
Concen: 3.948 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.8	15.8	23.8
179	15.9	13.0	19.6





#74

Fluoranthene

Concen: 9.772 ng

RT: 12.69 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Instrument :

BNA_F

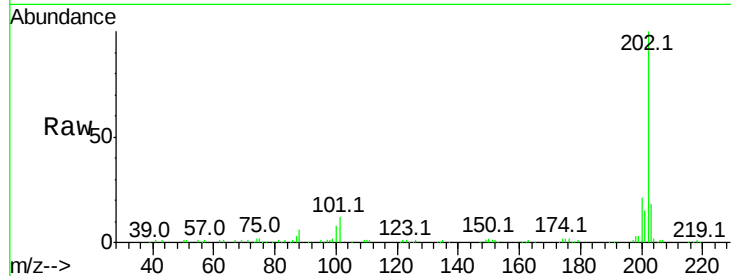
ClientSampled :

RO-1-4

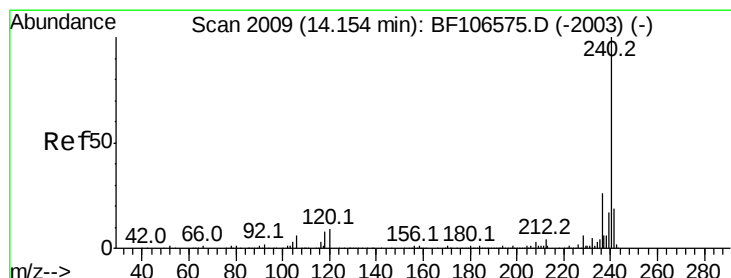
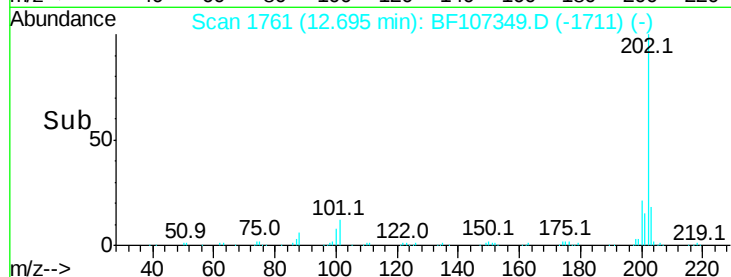
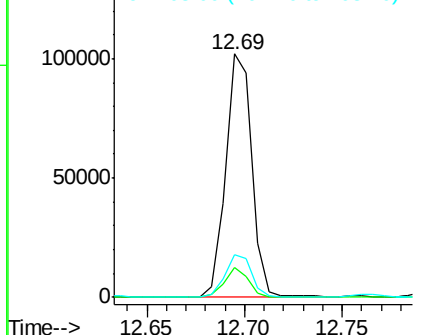
Tot Ion:	202	Resp:	94458
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	17.7	0.0	38.1

Manual Integrations
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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

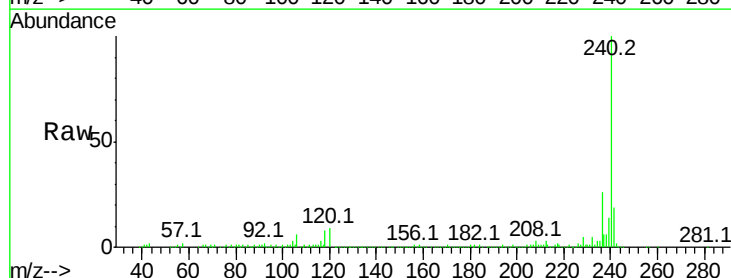
RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

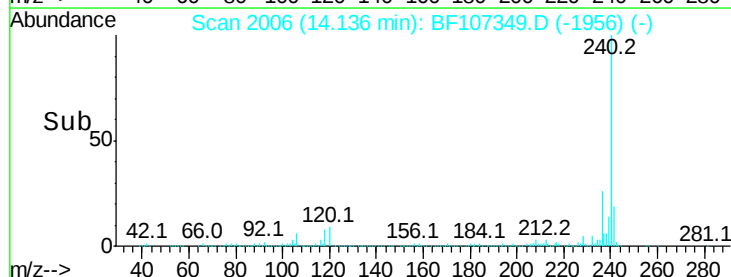
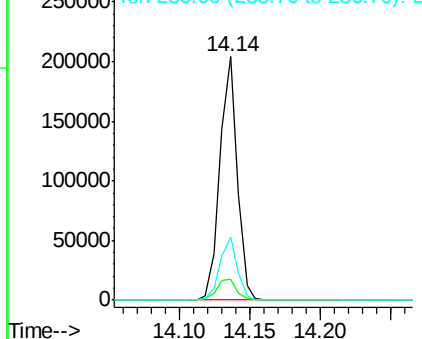
Lab File: BF107349.D

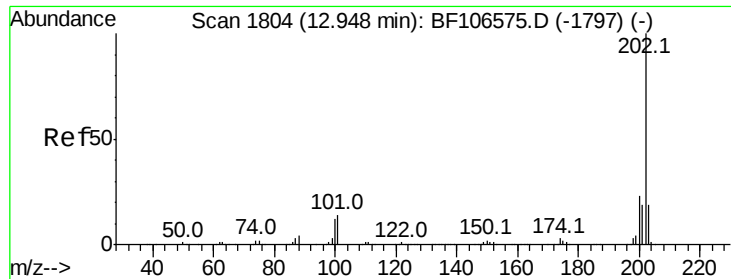
Acq: 12 Jul 2018 19:47

Tgt Ion:	240	Resp:	175131
Ion Ratio	Lower	Upper	
240	100		
120	8.7	9.5	14.3#
236	25.7	20.7	31.1



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





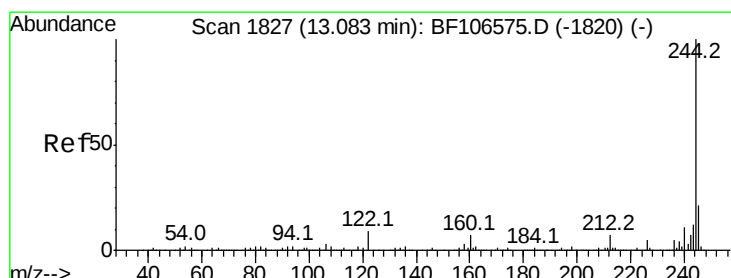
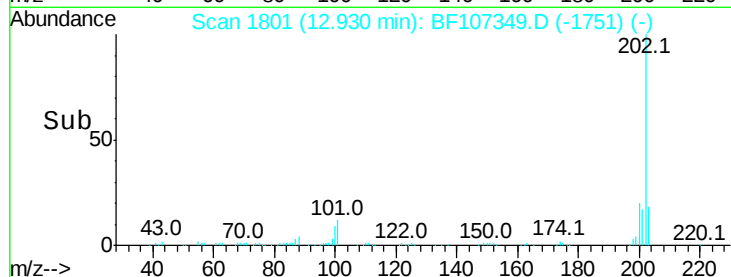
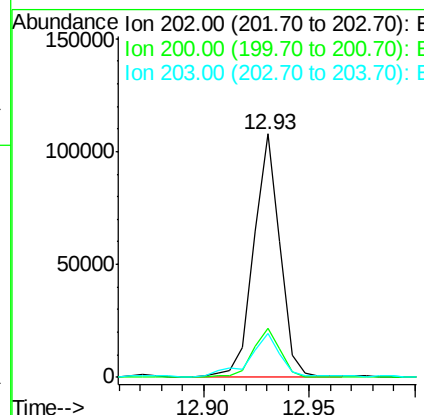
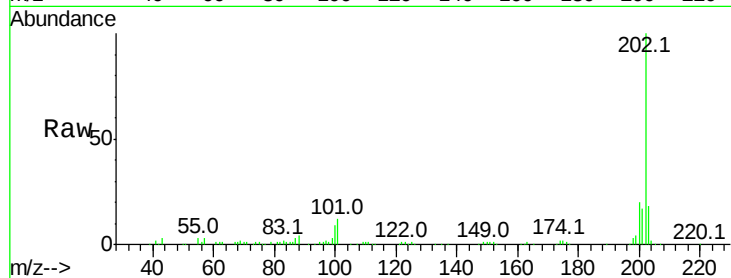
#77
Pvrene
Concen: 8.103 ng
RT: 12.93 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleID :
RO-1-4

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.4	26.2
203	18.0	14.3	21.5

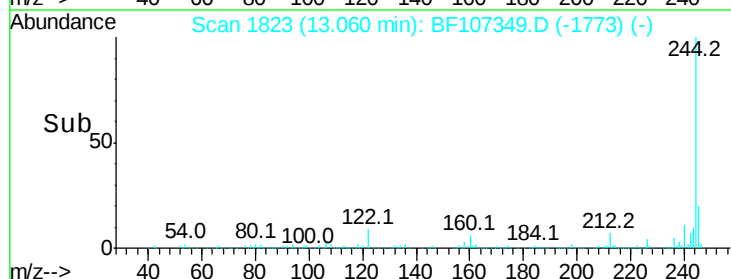
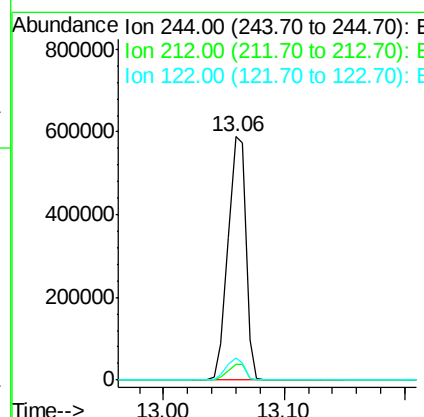
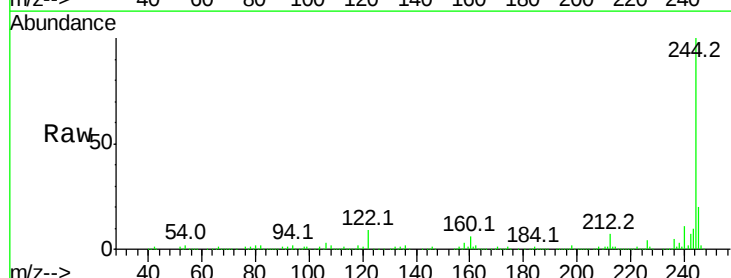
Manual Integrations
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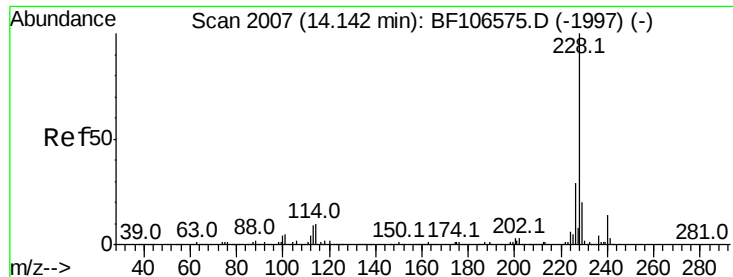
Sohil
7/13/2018 11:17:15 AM



#78
Terphenyl-d14
Concen: 83.635 ng
RT: 13.06 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	9.3	11.0	16.4#





#80

Benzo(a)anthracene

Concen: 5.490 ng

RT: 14.12 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Instrument :

BNA_F

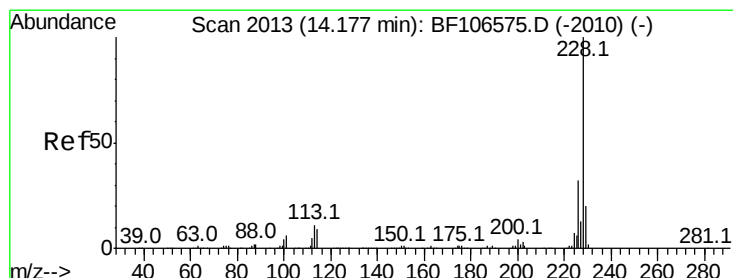
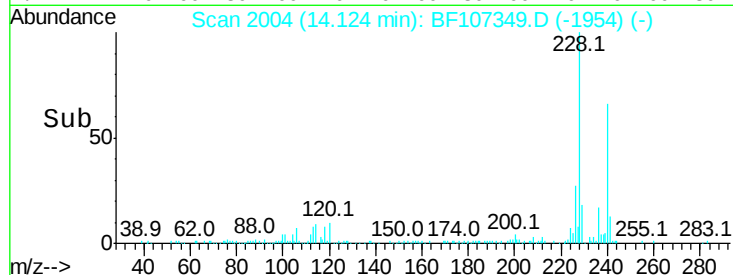
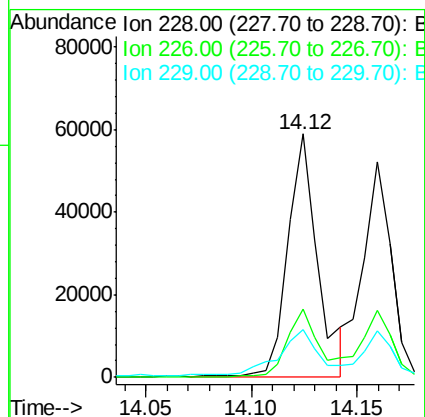
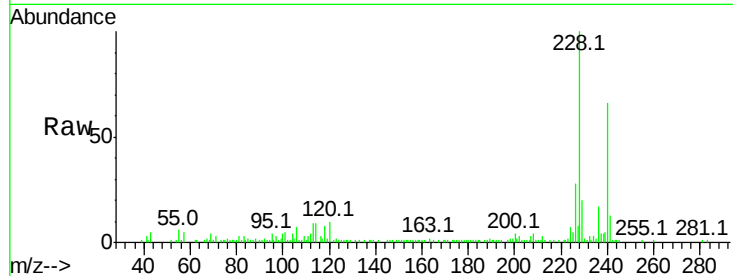
ClientSampled :

RO-1-4

Tot Ion:	228	Resp:	58603
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.5	15.8	23.6

Manual Integrations
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#82

Chrysene

Concen: 5.061 ng

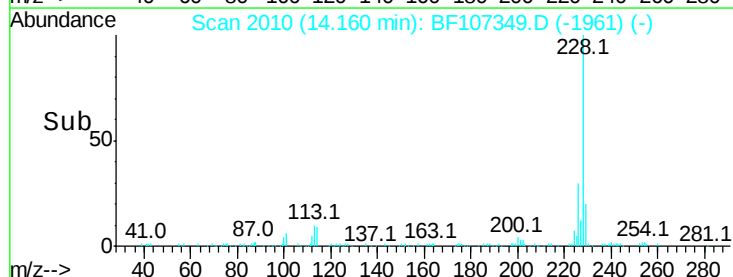
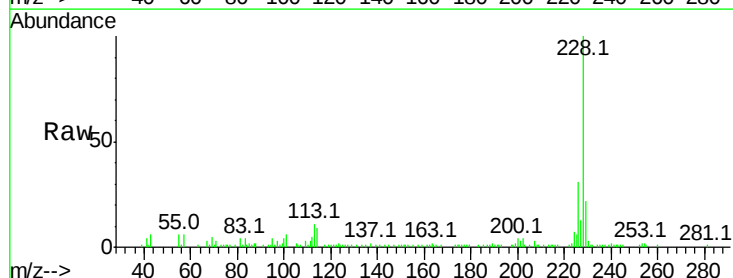
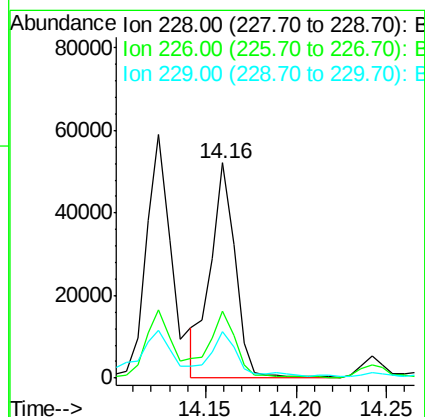
RT: 14.16 min Scan# 2010

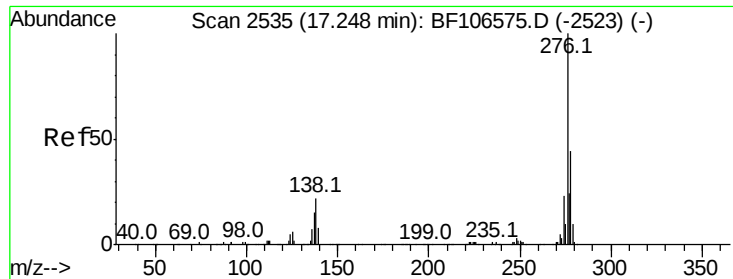
Delta R.T. -0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Tgt Ion:	228	Resp:	49702
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	21.6	16.2	24.4





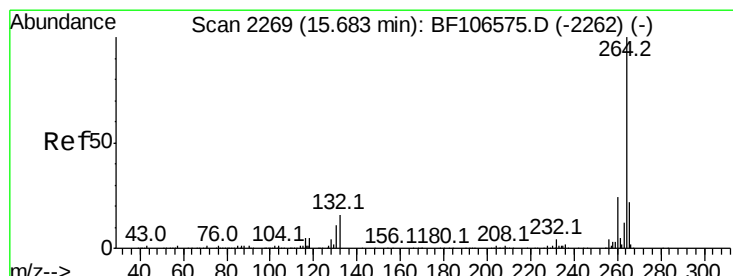
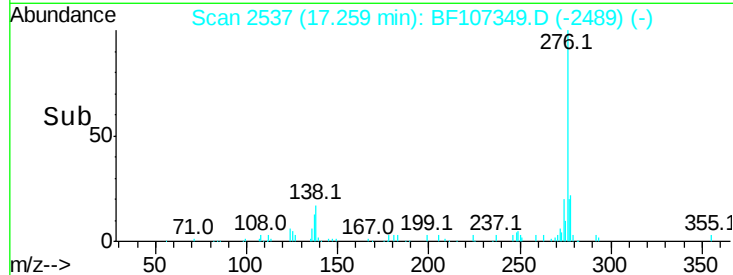
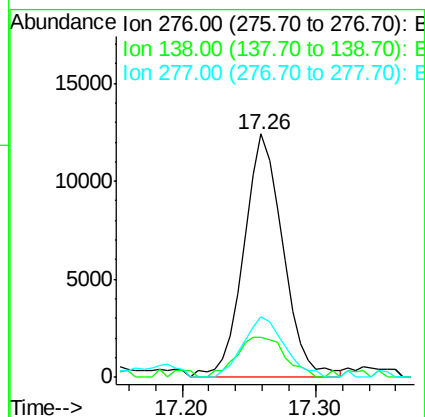
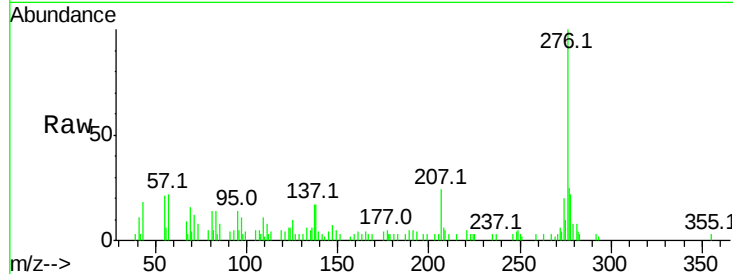
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.024 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	25.0	37.6#
277	26.2	20.1	30.1

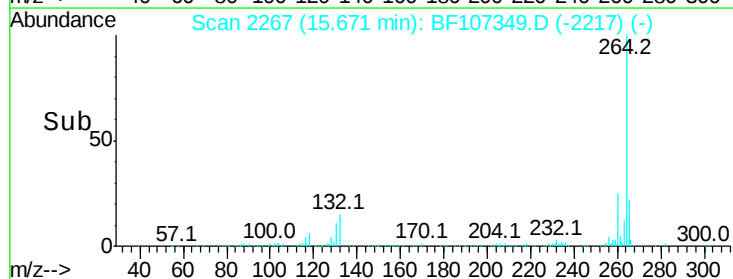
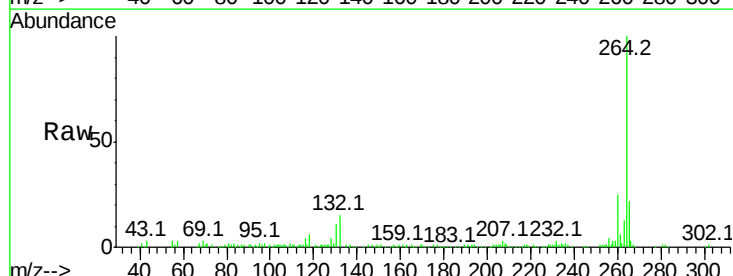
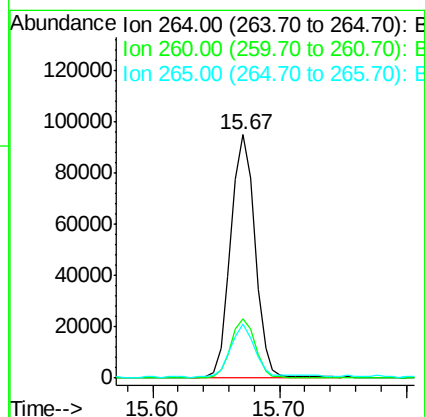
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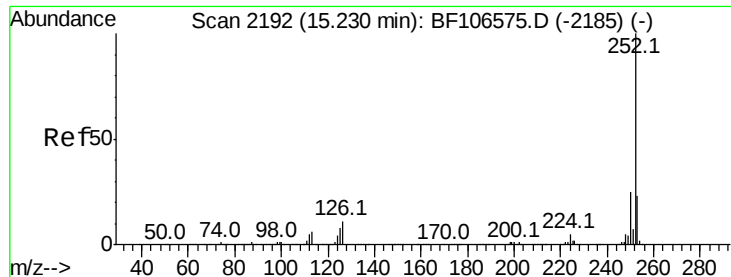
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 7.465 ng m

RT: 15.21 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Instrument :

BNA_F

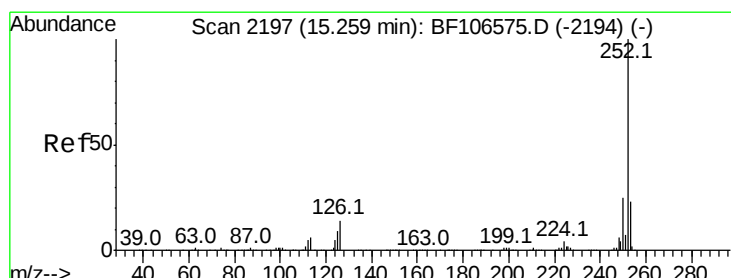
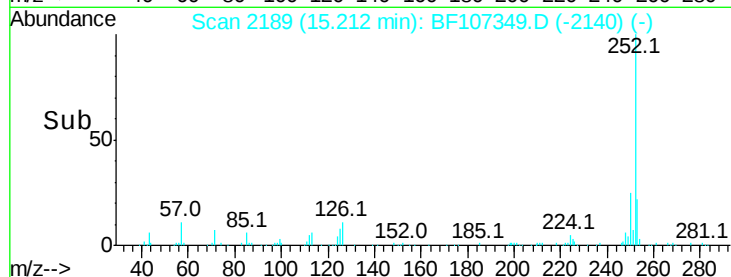
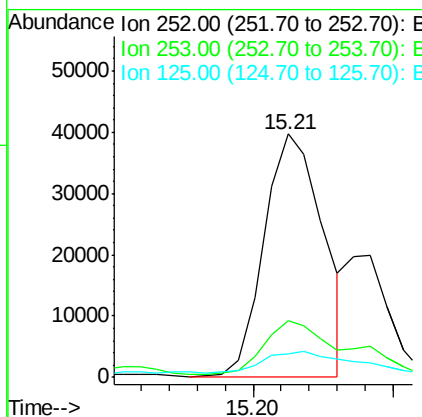
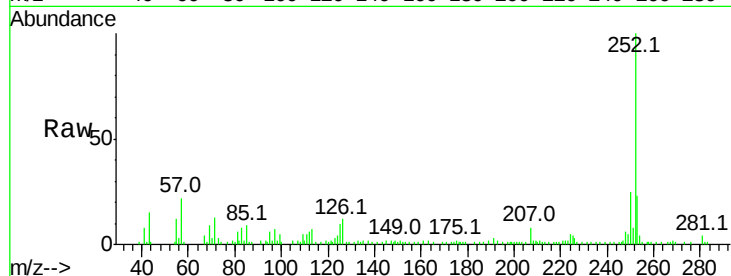
ClientSampleId :

RO-1-4

Tot Ion:	252	Resp:	58843
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.0	25.6
125	9.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 2.836 ng m

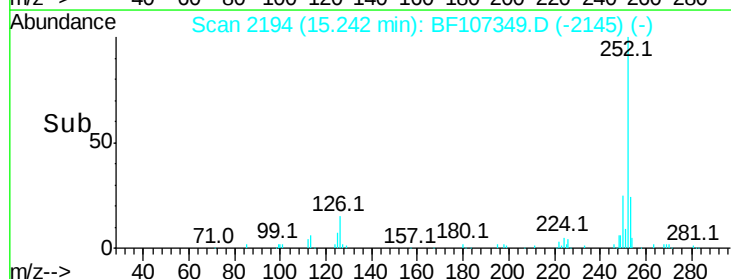
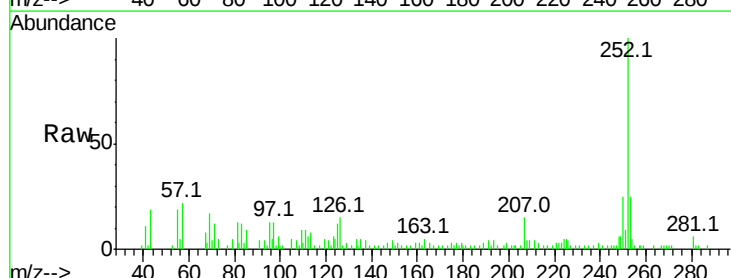
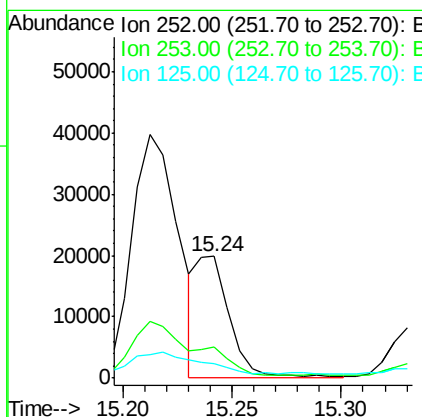
RT: 15.24 min Scan# 2194

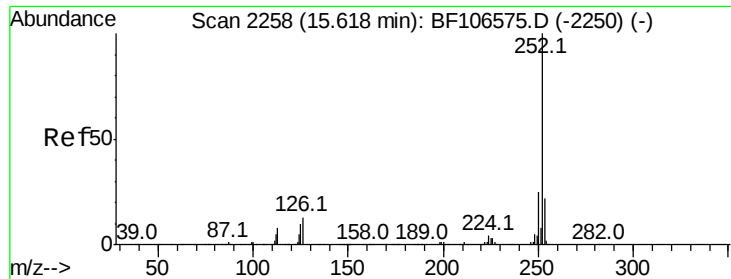
Delta R.T. -0.01 min

Lab File: BF107349.D

Acq: 12 Jul 2018 19:47

Tgt Ion:	252	Resp:	21291
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.9	26.9
125	12.4	10.2	15.2





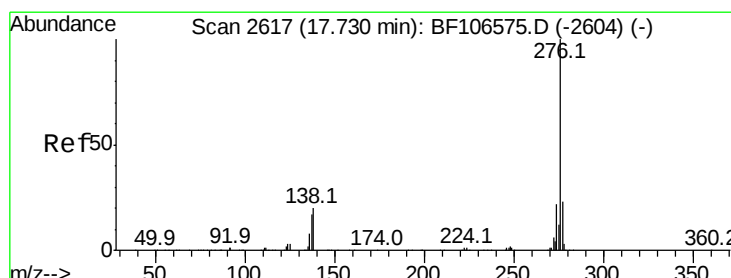
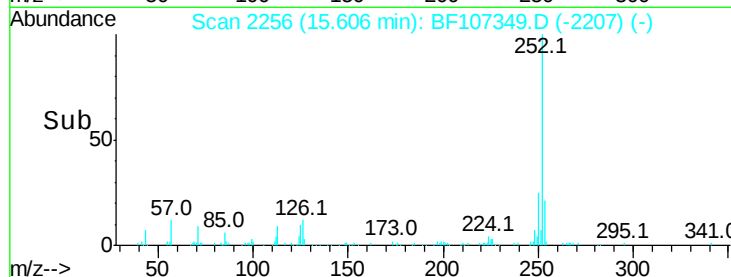
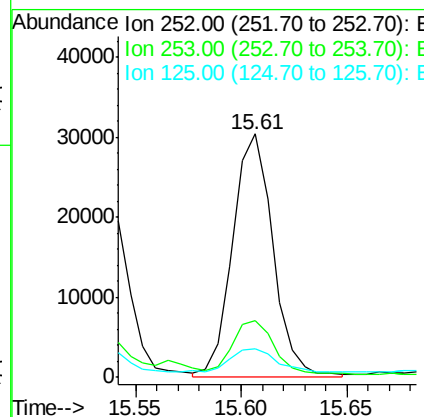
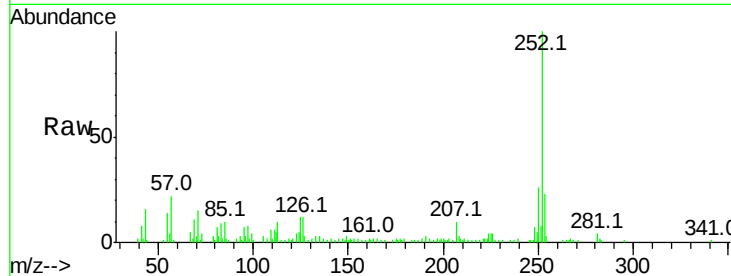
#89
Benzo(a)pyrene
Concen: 5.764 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Instrument :
BNA_F
ClientSampleId :
RO-1-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	11.8	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 4.068 ng
RT: 17.75 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF107349.D
Acq: 12 Jul 2018 19:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.4	17.9	26.9
138	20.3	21.8	32.8#

