

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103981.D
 Acq On : 27 Mar 2018 20:21
 Operator : JU/SJ
 Sample : J2068-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2043

Manual Integrations
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Quant Time: Mar 28 10:52:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138773	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	547667	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	211475	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	206121	20.00	ng	0.01
75) Chrysene-d12	14.16	240	249852	20.00	ng	0.00
86) Perylene-d12	15.71	264	219928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	824956	90.42	ng	0.01
7) Phenol-d6	6.60	99	1008088	90.31	ng	0.00
23) Nitrobenzene-d5	7.53	82	575585	73.29	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	171319	94.22	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	920174	69.41	ng	0.00
78) Terphenyl-d14	13.10	244	585670	54.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.72	163	94745	5.872	ng	# 89
70) Phenanthrene	11.55	178	91421	8.108	ng	# 82
74) Fluoranthene	12.74	202	118413	10.194	ng	95
77) Pyrene	12.97	202	110841	6.041	ng	# 96
80) Benzo(a)anthracene	14.16	228	58879	3.723	ng	# 95
82) Chrysene	14.19	228	56794	3.767	ng	# 96
83) Bis(2-ethylhexyl)phthalate	14.12	149	220137	18.955	ng	99
87) Benzo(b)fluoranthene	15.24	252	57862m	4.164	ng	
89) Benzo(a)pyrene	15.64	252	39224	3.112	ng	# 77
91) Benzo(g,h,i)perylene	17.77	276	22256	2.096	ng	# 91

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

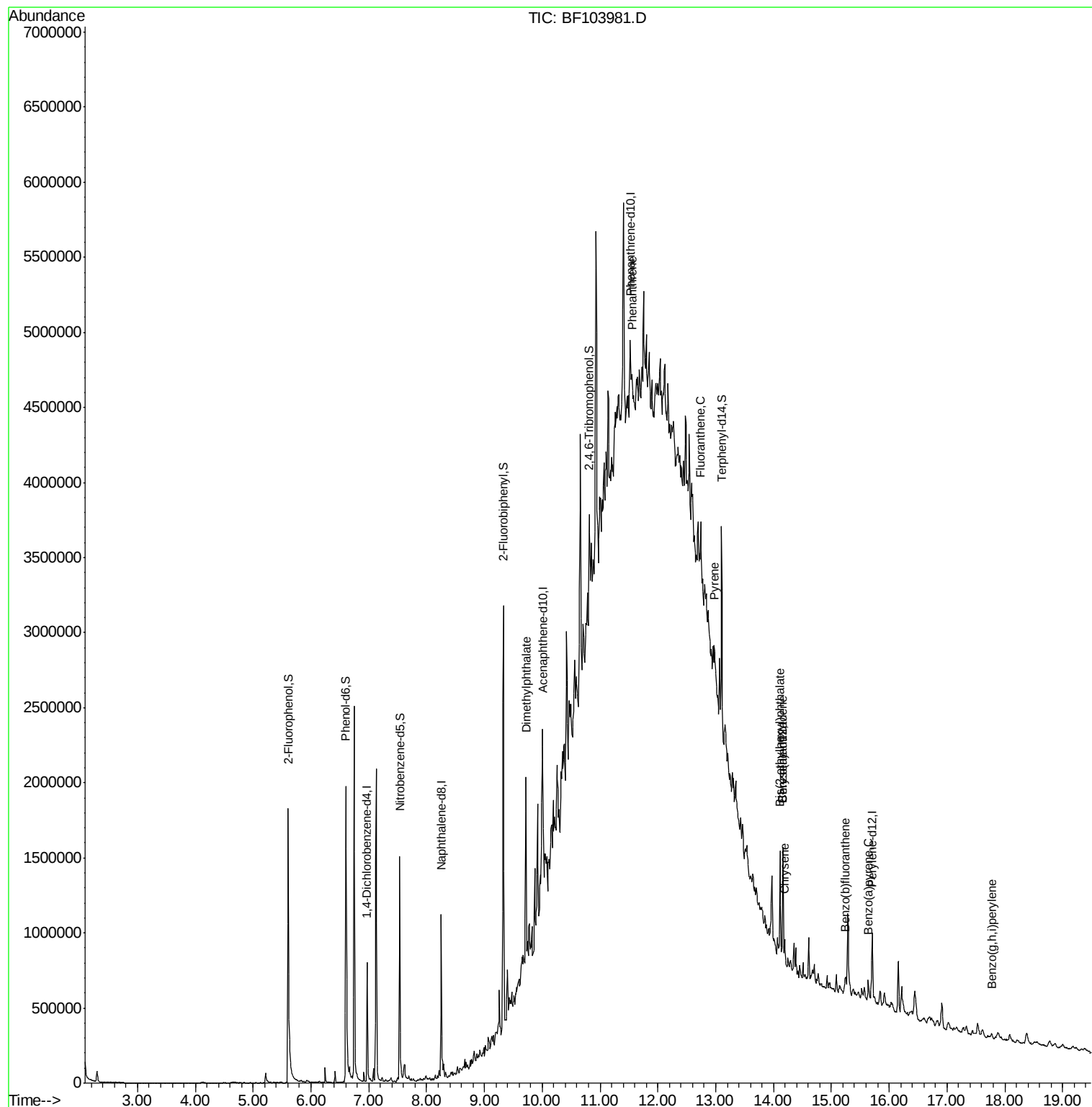
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103981.D
Acq On : 27 Mar 2018 20:21
Operator : JU/SJ
Sample : J2068-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

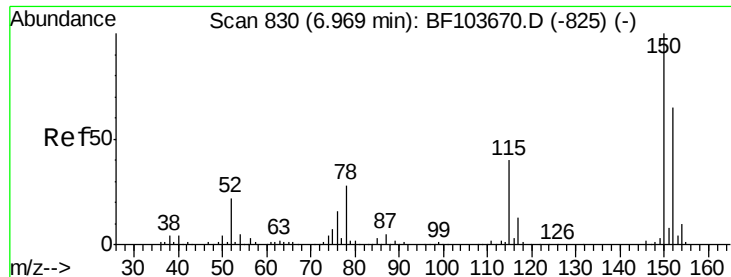
Instrument :
BNA_F
ClientSampleId :
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#1

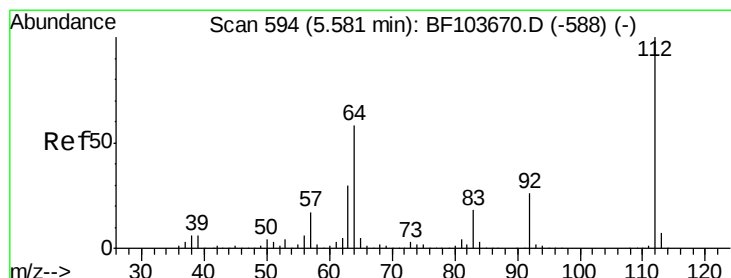
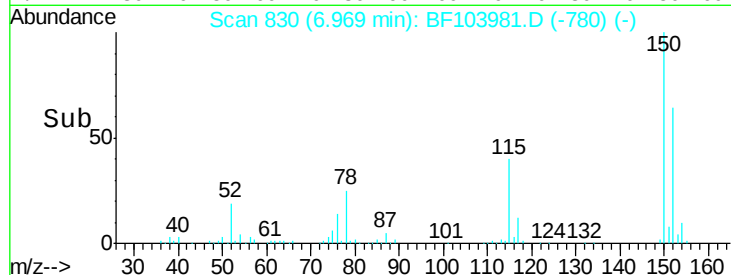
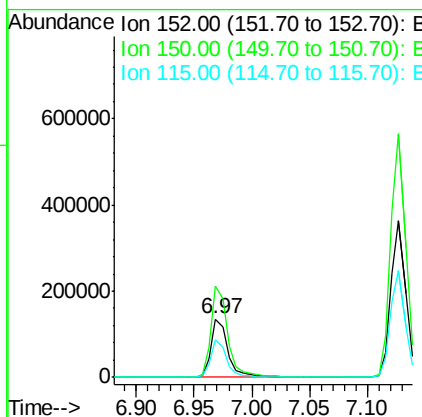
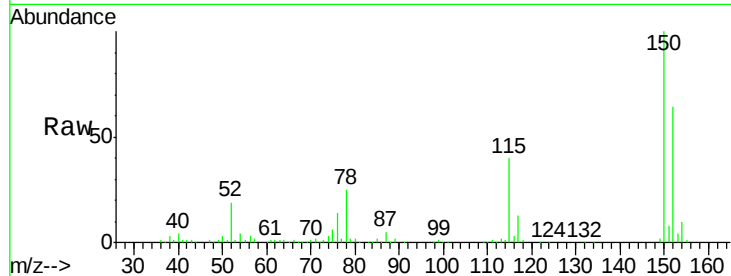
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampled :
RO-CV-2043

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	63.1	50.1	75.1

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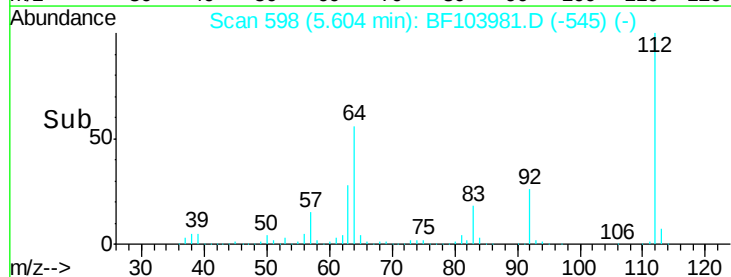
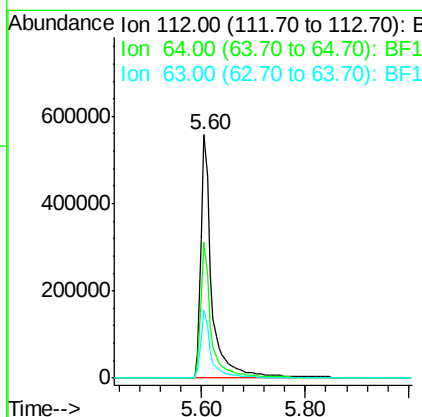
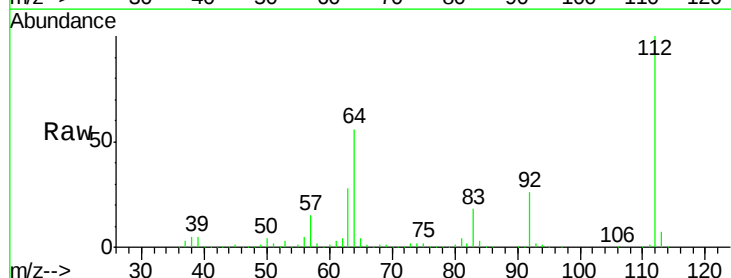
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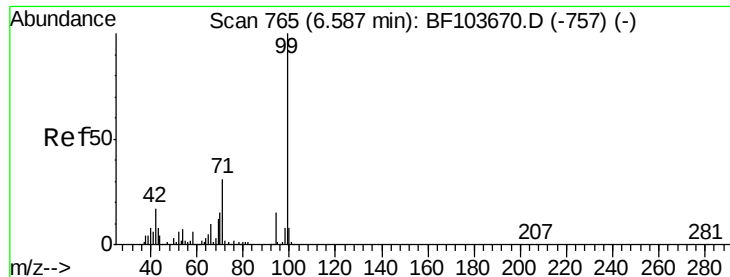


#5

2-Fluorophenol
Concen: 90.418 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	47.9	71.9
63	28.0	23.7	35.5





#7

Phenol-d6

Concen: 90.311 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Instrument :

BNA_F

ClientSampled :

RO-CV-2043

Tot Ion: 99 Resp: 1008088

Ion Ratio Lower Upper

99 100

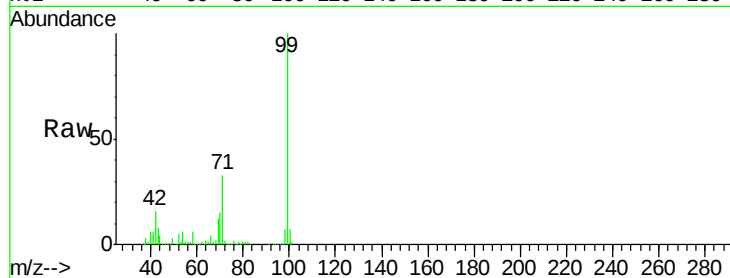
42 15.5 14.5 21.7

71 32.6 25.4 38.0

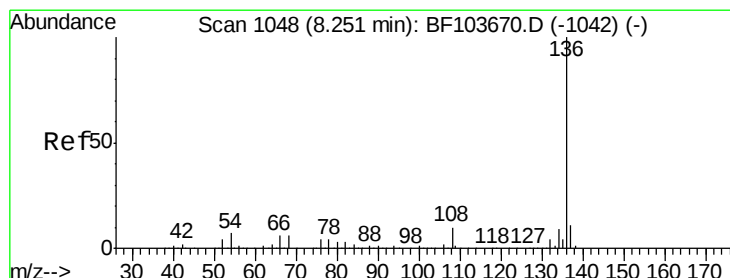
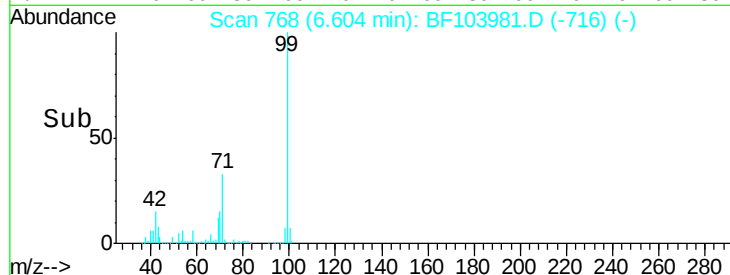
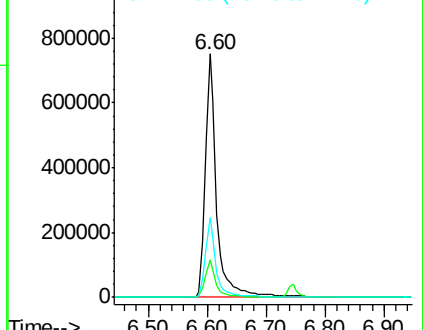
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Tgt Ion: 136 Resp: 547667

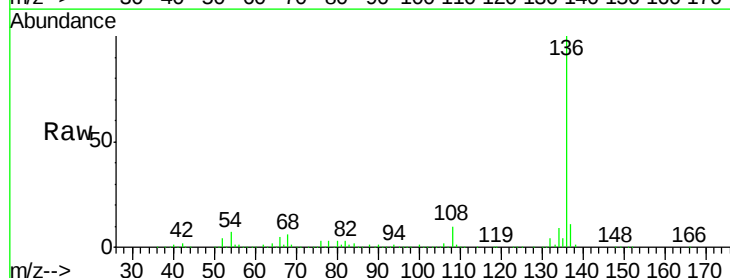
Ion Ratio Lower Upper

136 100

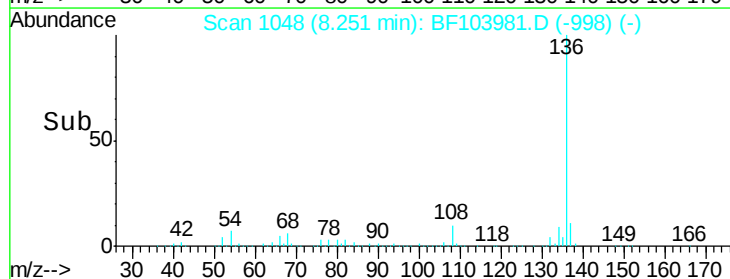
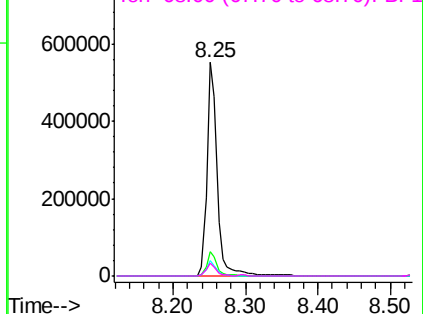
137 11.5 8.9 13.3

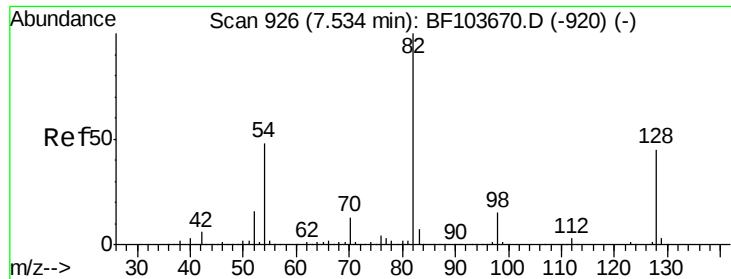
54 7.3 6.6 9.8

68 6.3 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





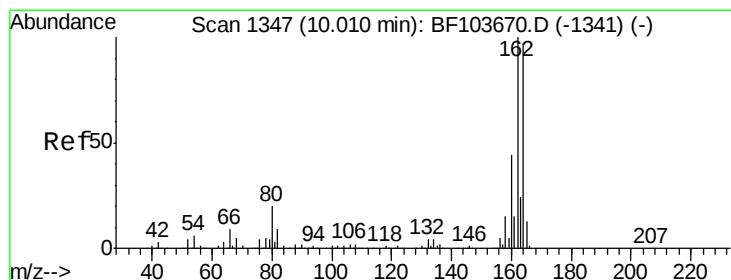
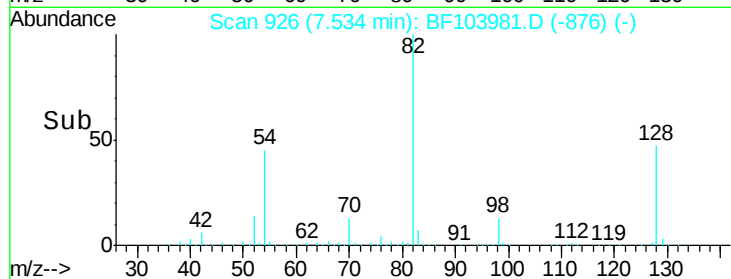
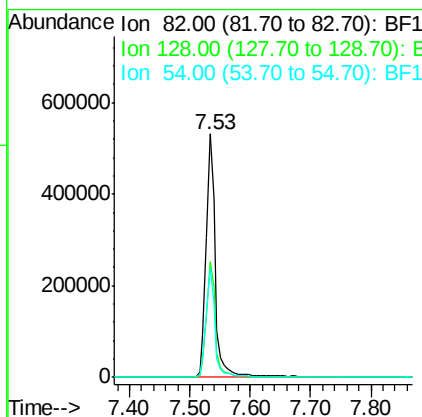
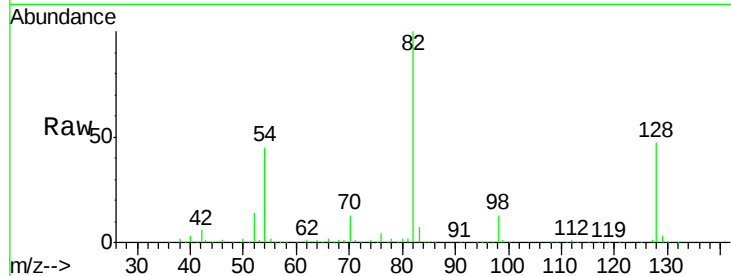
#23
Nitrobenzene-d5
Concen: 73.291 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	36.1	54.1	
54	44.8	41.4	62.2	

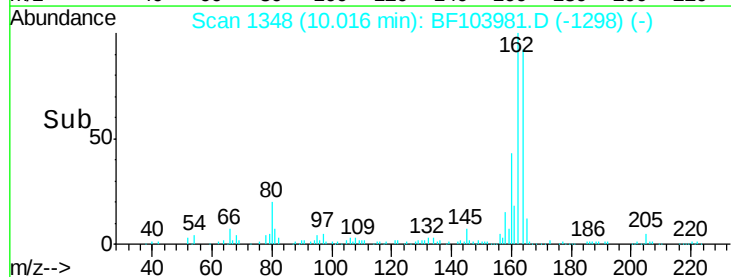
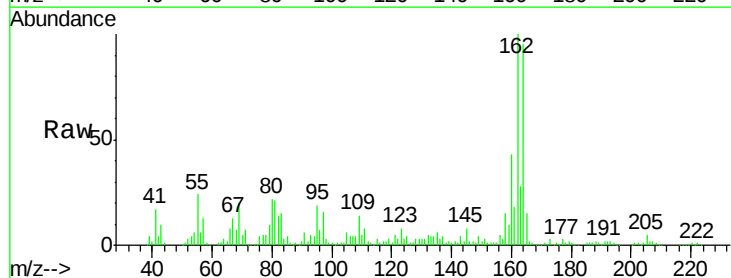
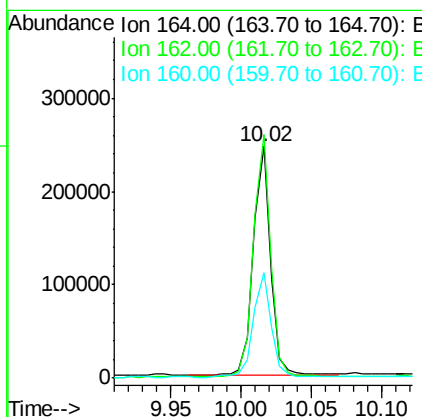
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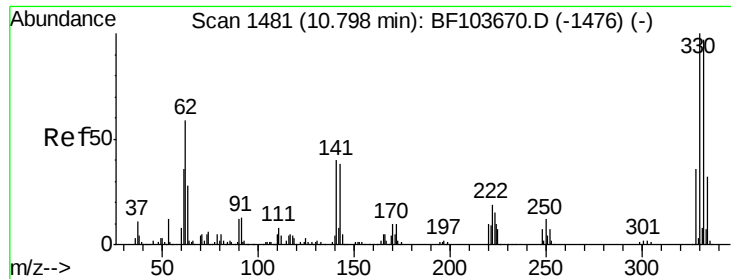
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	86.1	129.1	
160	45.6	38.3	57.5	





#41

2,4,6-Tribromophenol

Concen: 94.221 ng

RT: 10.82 min Scan# 1484

Delta R.T. 0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Instrument :

BNA_F

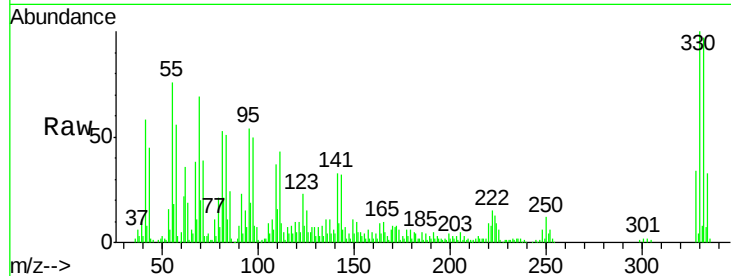
ClientSampled :

RO-CV-2043

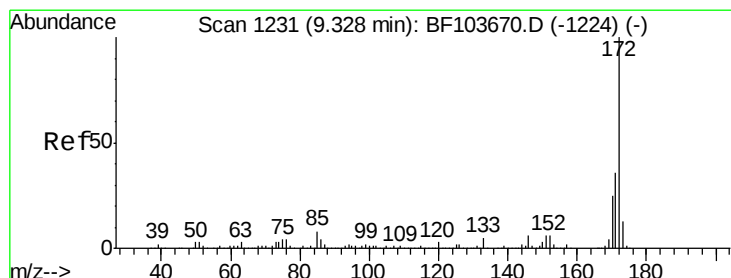
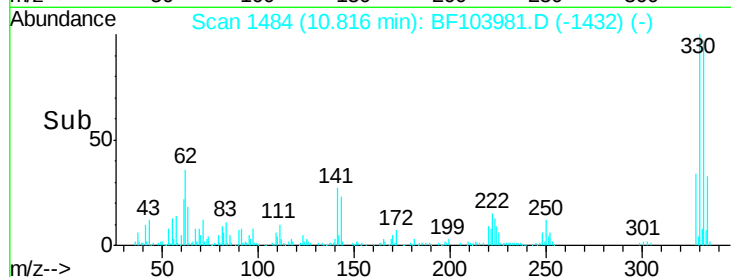
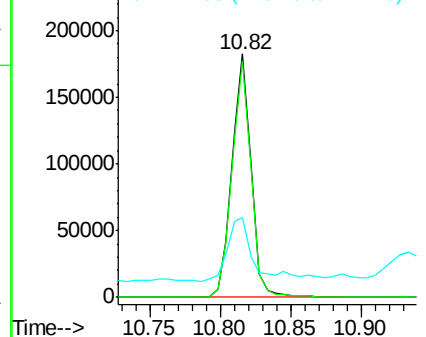
Tot Ion:	330	Resp:	171319
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.0	115.6
141	31.6	29.9	44.9

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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



#44

2-Fluorobiphenyl

Concen: 69.408 ng

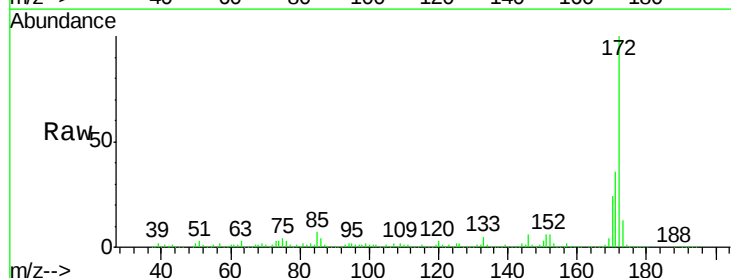
RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

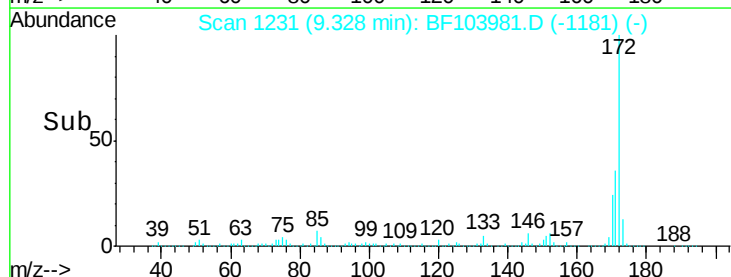
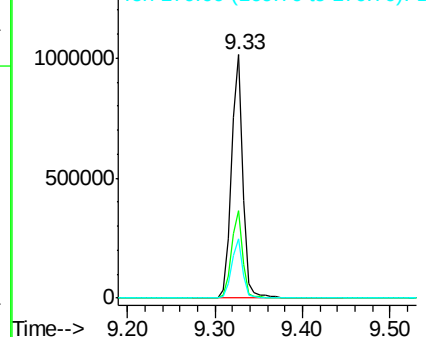
Lab File: BF103981.D

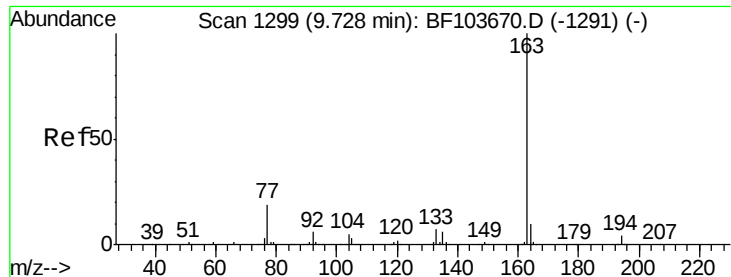
Acq: 27 Mar 2018 20:21

Tgt Ion:	172	Resp:	920174
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	24.2	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





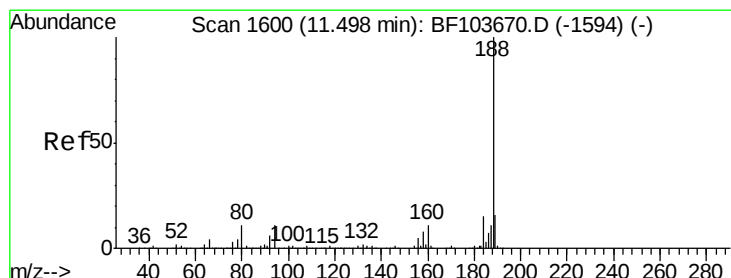
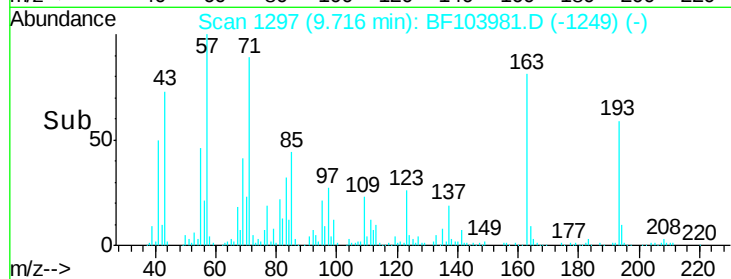
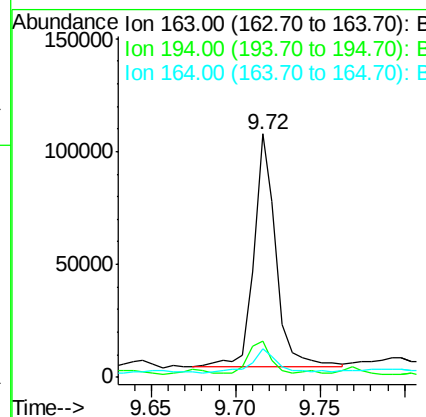
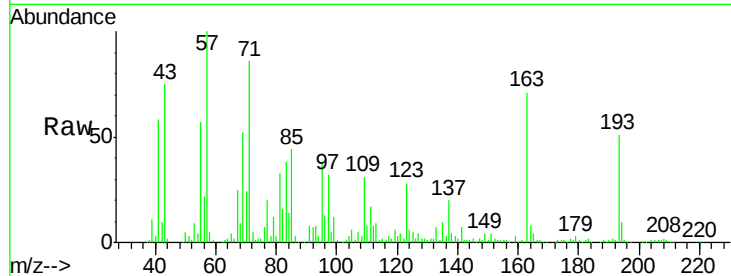
#49
Dimethylphthalate
Concen: 5.872 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

Tot Ion	Ratio	Lower	Upper
163	100		
194	14.8	2.7	4.1#
164	11.6	8.2	12.2

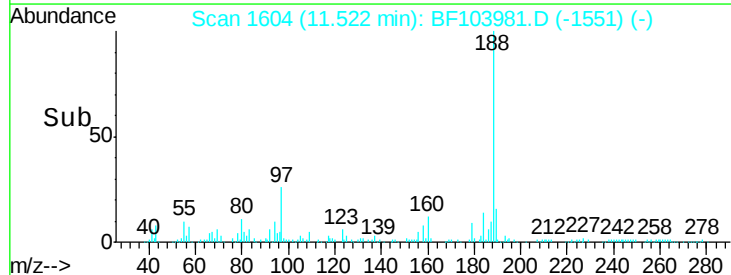
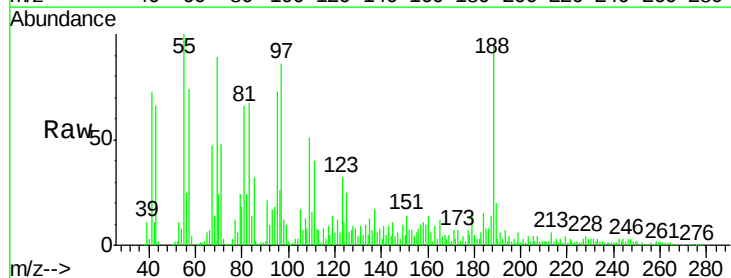
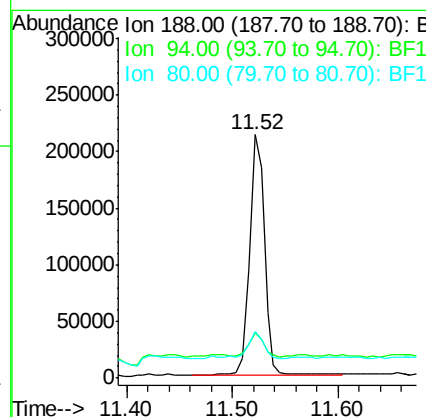
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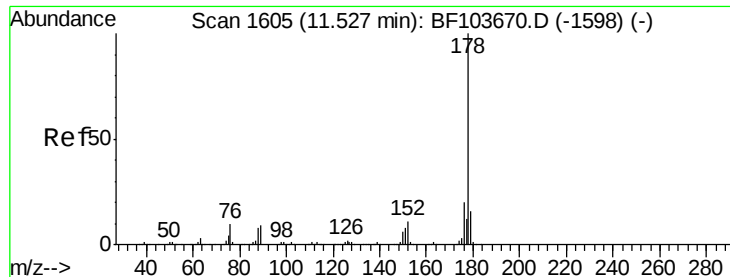
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	18.6	8.5	12.7#
80	19.0	9.2	13.8#





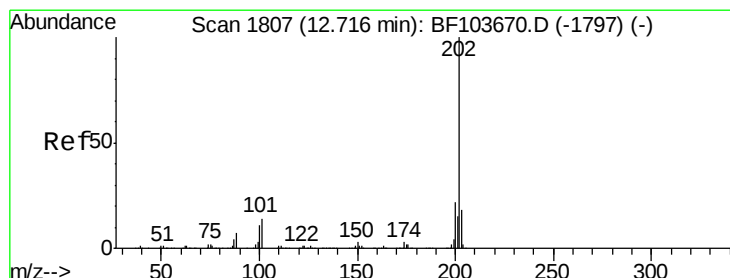
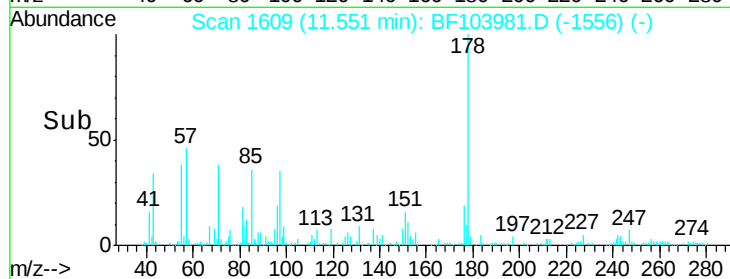
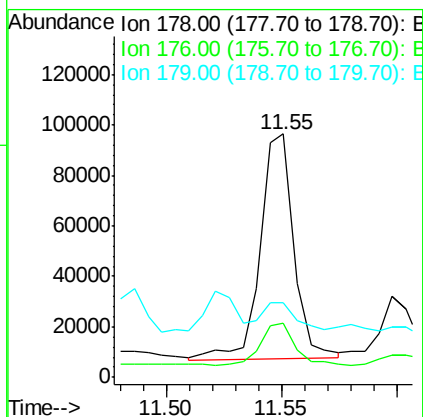
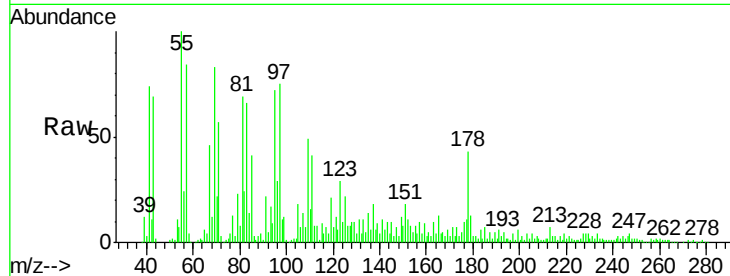
#70
Phenanthrene
Concen: 8.108 ng
RT: 11.55 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.8	23.8
179	30.6	13.0	19.6

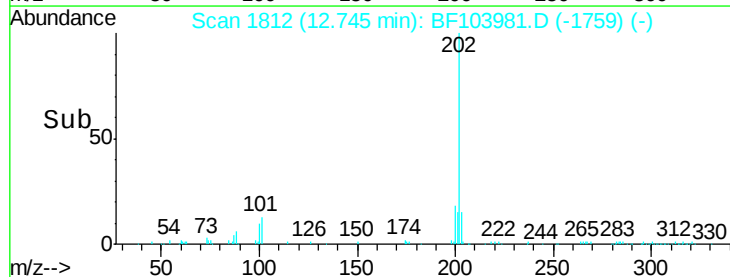
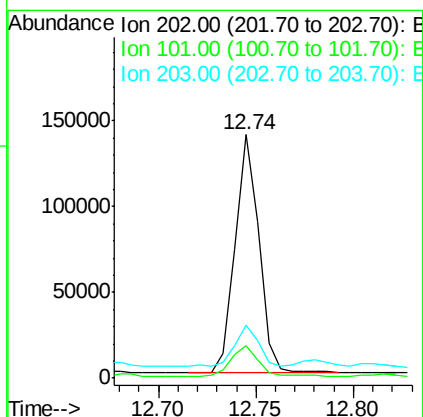
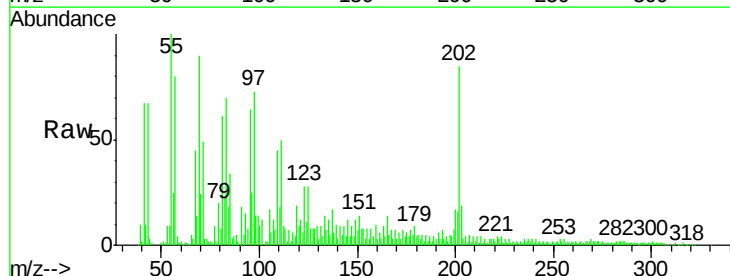
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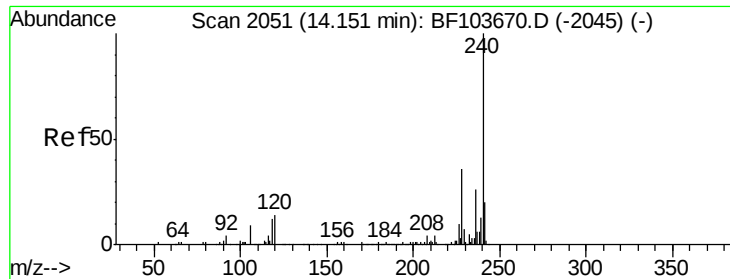
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#74
Fluoranthene
Concen: 10.194 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.1
203	21.8	0.0	38.1





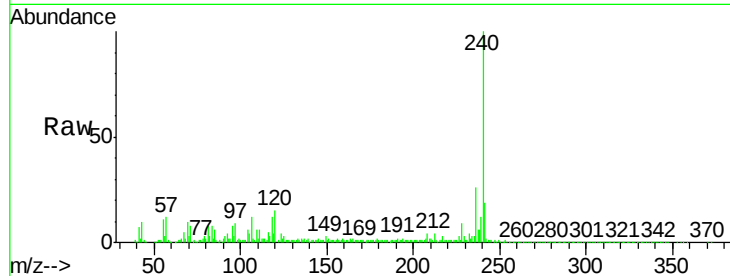
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

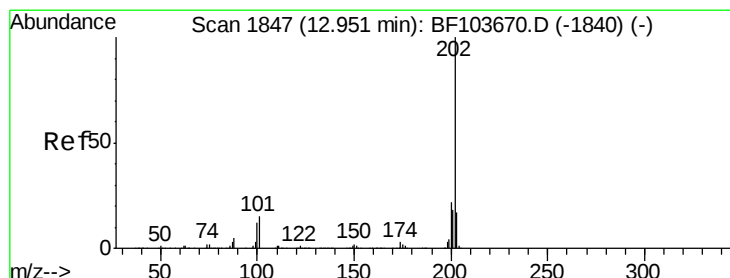
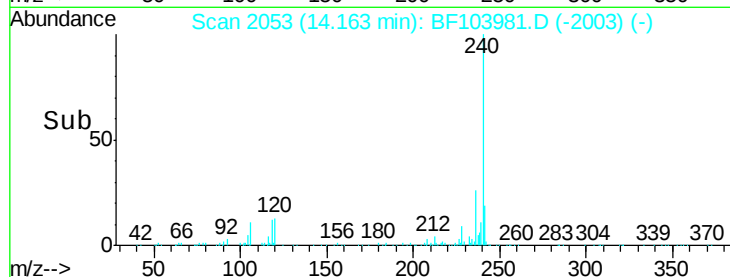
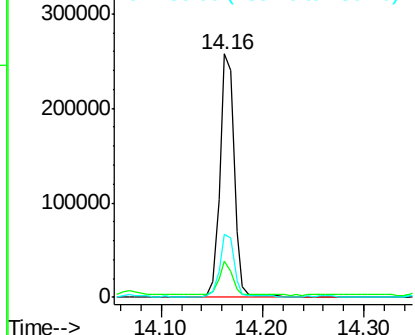
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	25.8	20.7	31.1

Manual Integrations
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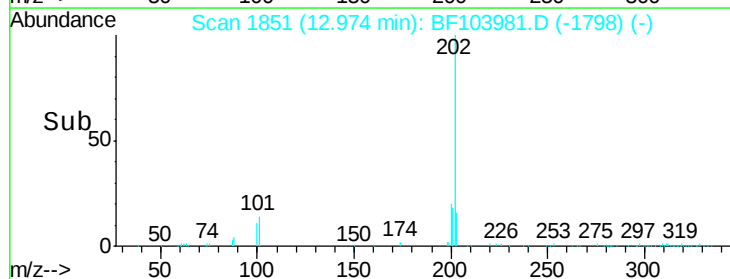
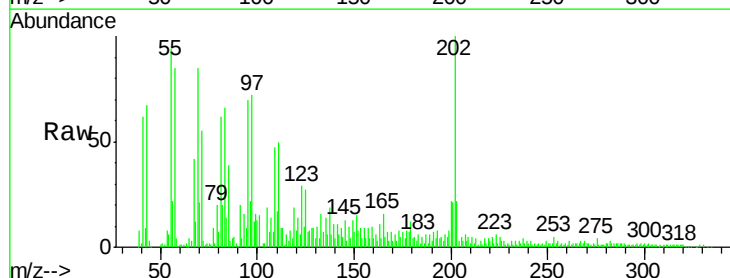
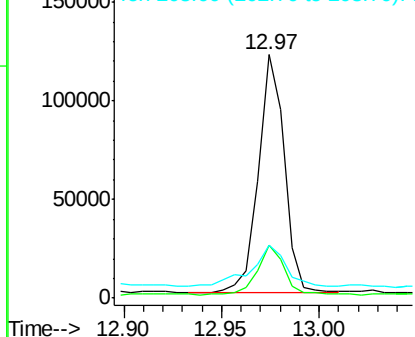
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

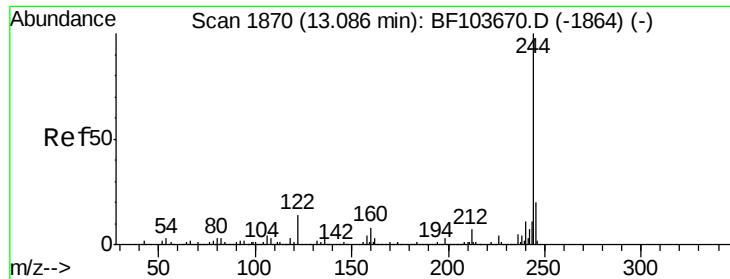


#77
Pyrene
Concen: 6.041 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	21.8	14.3	21.5#

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.409 ng

RT: 13.10 min Scan# 1873

Delta R.T. 0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Instrument :

BNA_F

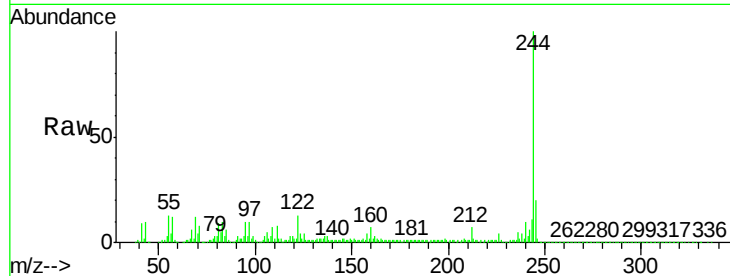
ClientSampled :

RO-CV-2043

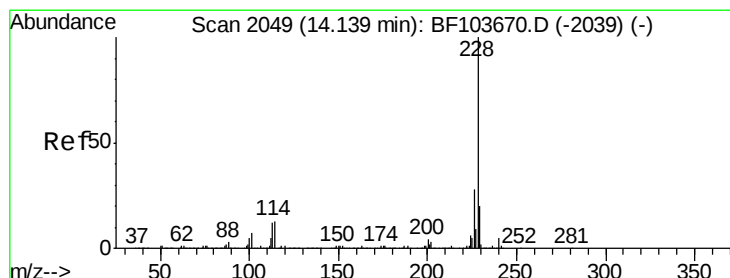
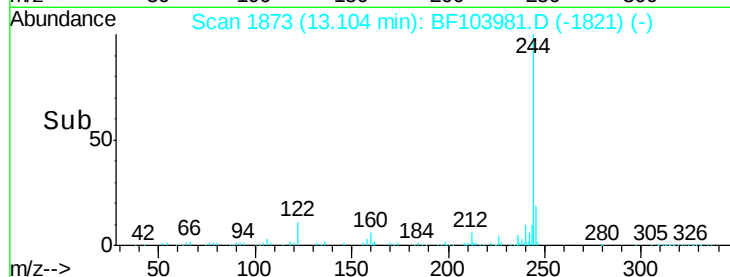
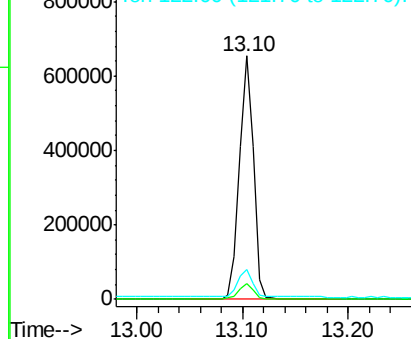
Tot Ion:	244	Resp:	585670
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	12.5	11.0	16.4

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 3.723 ng

RT: 14.16 min Scan# 2052

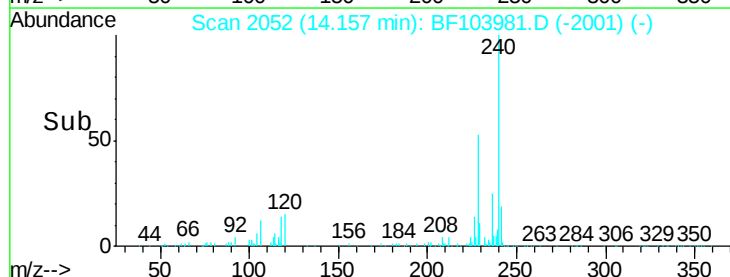
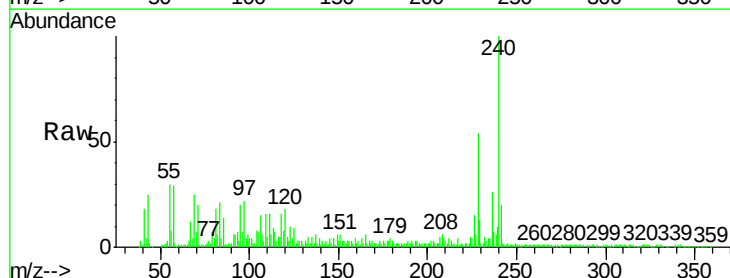
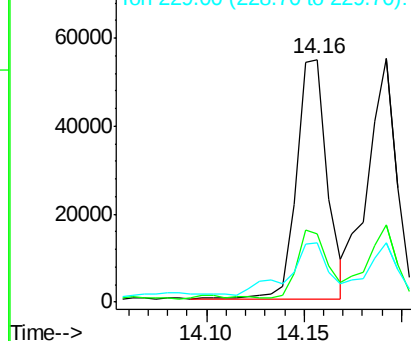
Delta R.T. -0.00 min

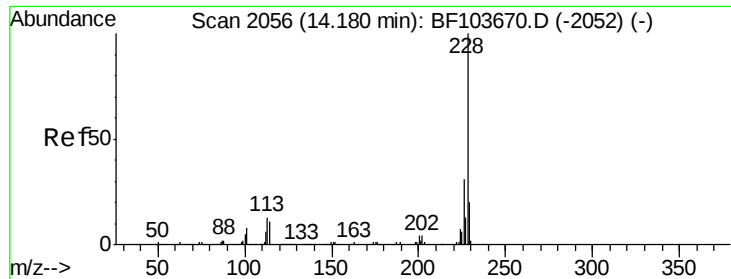
Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Tgt Ion:	228	Resp:	58879
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.6	33.8
229	24.5	15.8	23.6

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 3.767 ng

RT: 14.19 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Instrument :

BNA_F

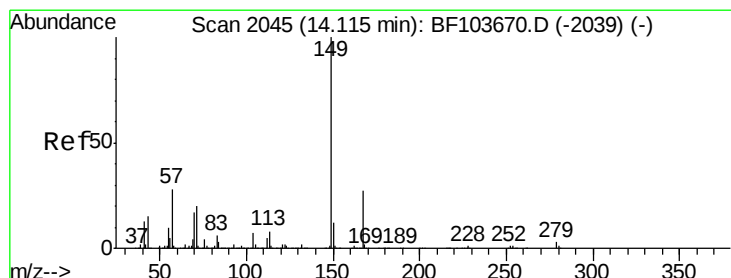
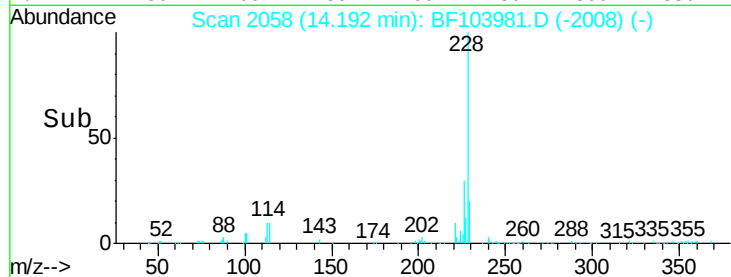
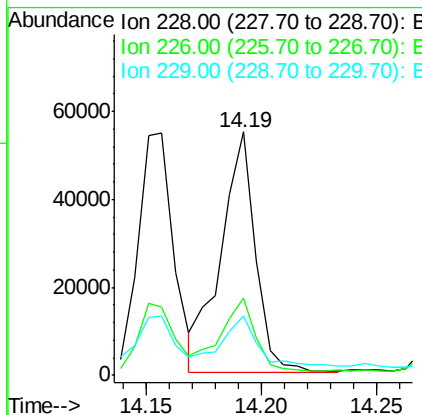
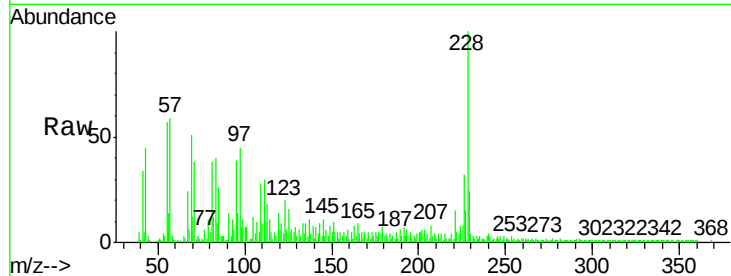
ClientSampled :

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Tot Ion:	228	Resp:	56794
Ion Ratio	Lower	Upper	
228	100		
226	31.9	25.0	37.6
229	24.5	16.2	24.4

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#83

Bis(2-ethylhexyl)phthalate

Concen: 18.955 ng

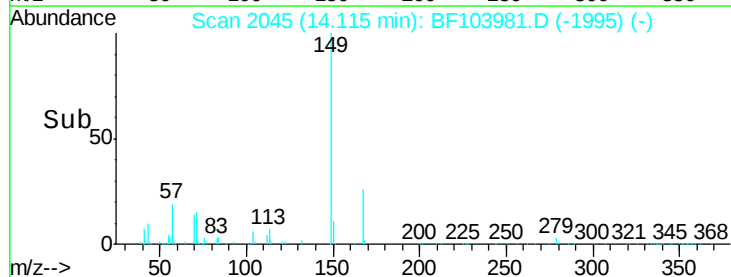
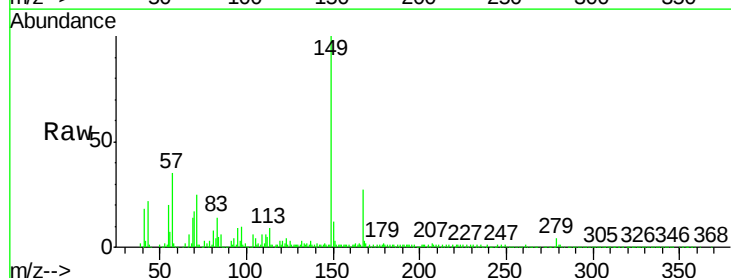
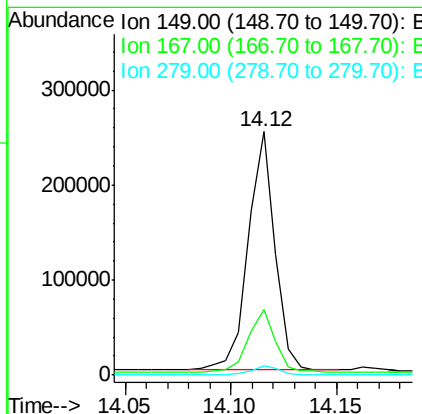
RT: 14.12 min Scan# 2045

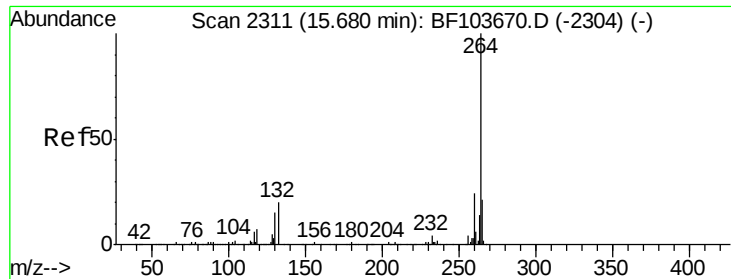
Delta R.T. -0.01 min

Lab File: BF103981.D

Acq: 27 Mar 2018 20:21

Tgt Ion:	149	Resp:	220137
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.8	3.0	4.4





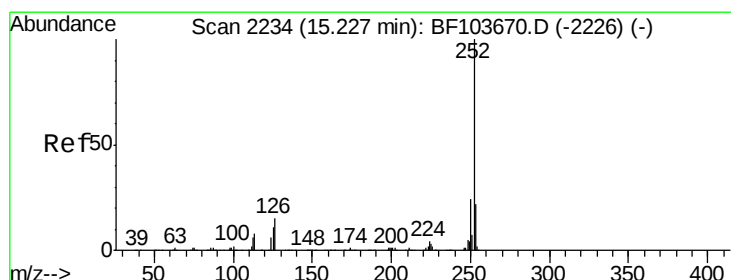
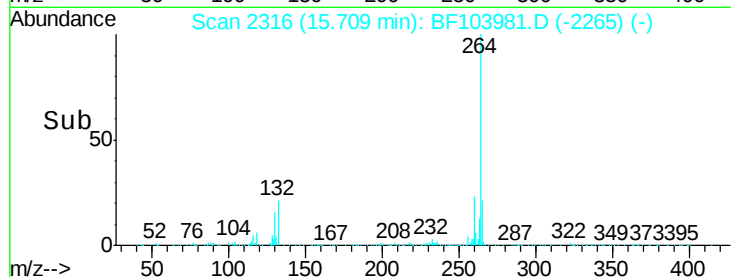
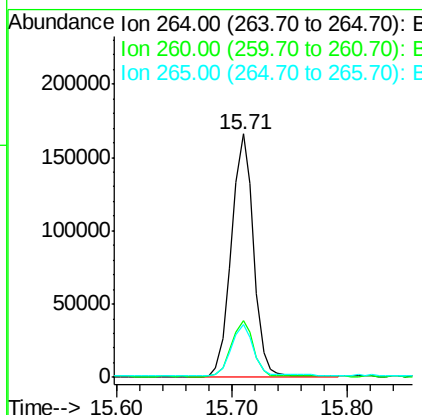
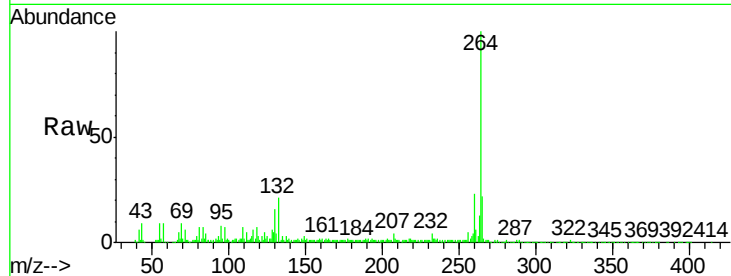
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.2	28.8	
265	21.6	17.5	26.3	

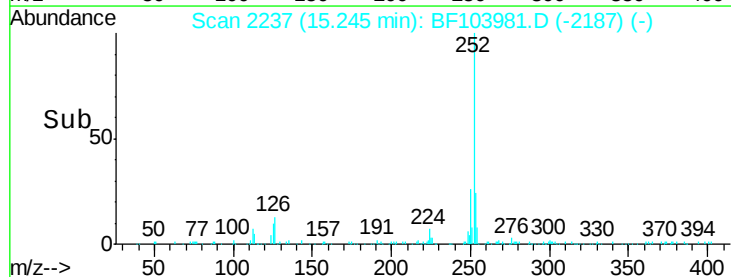
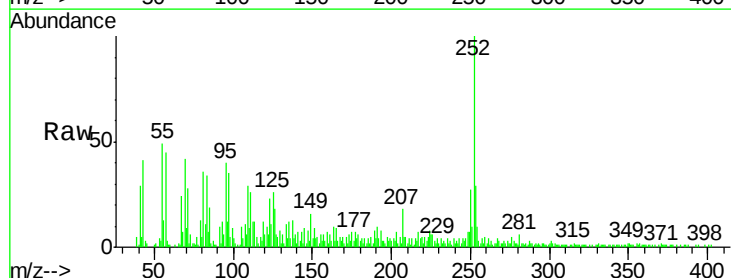
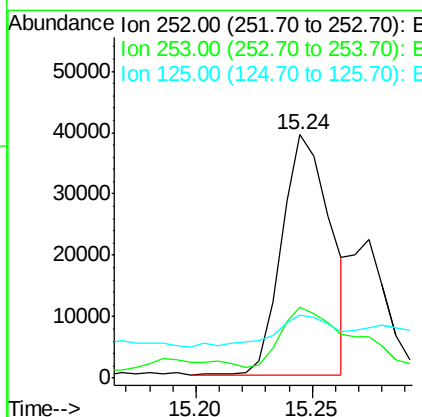
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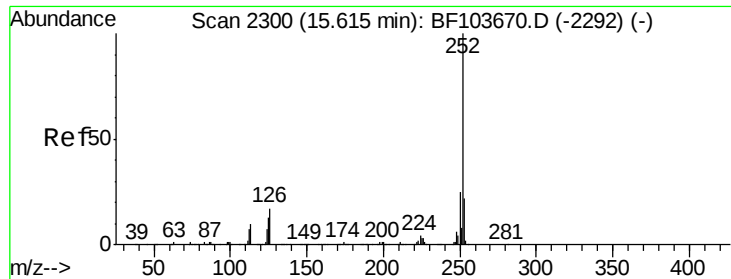
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#87
Benzo(b)fluoranthene
Concen: 4.164 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	29.0	17.0	25.6#	
125	25.8	9.0	13.6#	





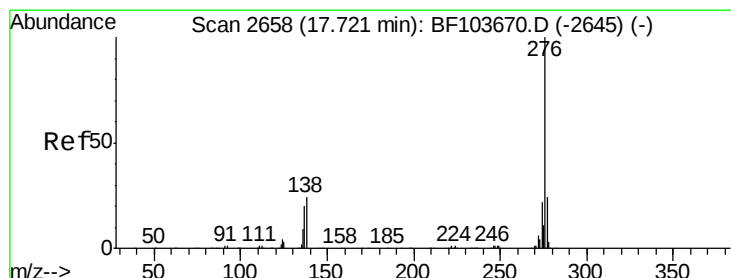
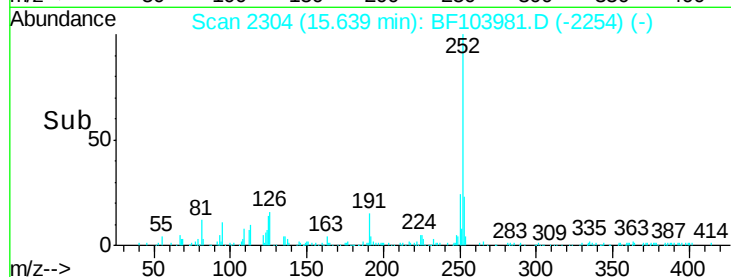
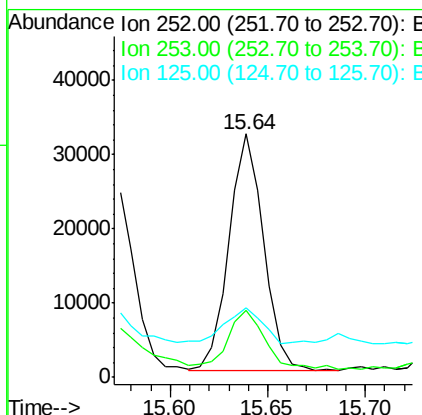
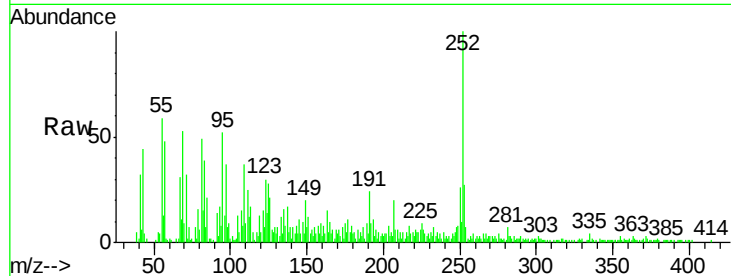
#89
Benzo(a)pyrene
Concen: 3.112 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Instrument :
BNA_F
ClientSampleId :
RO-CV-2043

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.1	25.7#
125	28.3	9.8	14.6#

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#91
Benzo(g,h,i)perylene
Concen: 2.096 ng
RT: 17.77 min Scan# 2667
Delta R.T. -0.01 min
Lab File: BF103981.D
Acq: 27 Mar 2018 20:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	30.9	17.9	26.9#
138	26.8	21.8	32.8

