

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101031.D
 Acq On : 30 Nov 2017 21:31
 Operator : SJ/JU
 Sample : I6610-03 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3(10-12)-20171127

Manual Integrations
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Sohil
 12/1/2017 11:13:03 AM

Quant Time: Dec 01 02:40:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	55360	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	214129	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89663	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	133932	20.00	ng	0.00
75) Chrysene-d12	14.02	240	122847	20.00	ng	0.00
86) Perylene-d12	15.50	264	90828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	72463	21.63	ng	0.00
7) Phenol-d6	6.47	99	88755	21.82	ng	-0.01
23) Nitrobenzene-d5	7.41	82	51932	14.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	17582	16.32	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	114256	17.43	ng	0.00
78) Terphenyl-d14	12.96	244	75463	13.44	ng	-0.01
Target Compounds						
70) Phenanthrene	11.40	178	36147	4.901	ng	94
74) Fluoranthene	12.59	202	63115	7.720	ng	95
77) Pyrene	12.82	202	58207	6.867	ng	99
79) Butylbenzylphthalate	13.43	149	20162	5.395	ng	92
80) Benzo(a)anthracene	14.01	228	33735	4.349	ng	100
82) Chrysene	14.04	228	31501	4.373	ng	95
85) Indeno(1,2,3-cd)pyrene	16.98	276	13072	2.041	ng	# 93
87) Benzo(b)fluoranthene	15.07	252	35026m	6.438	ng	
89) Benzo(a)pyrene	15.43	252	20558	4.157	ng	93
91) Benzo(g,h,i)perylene	17.43	276	13696	3.333	ng	# 92

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

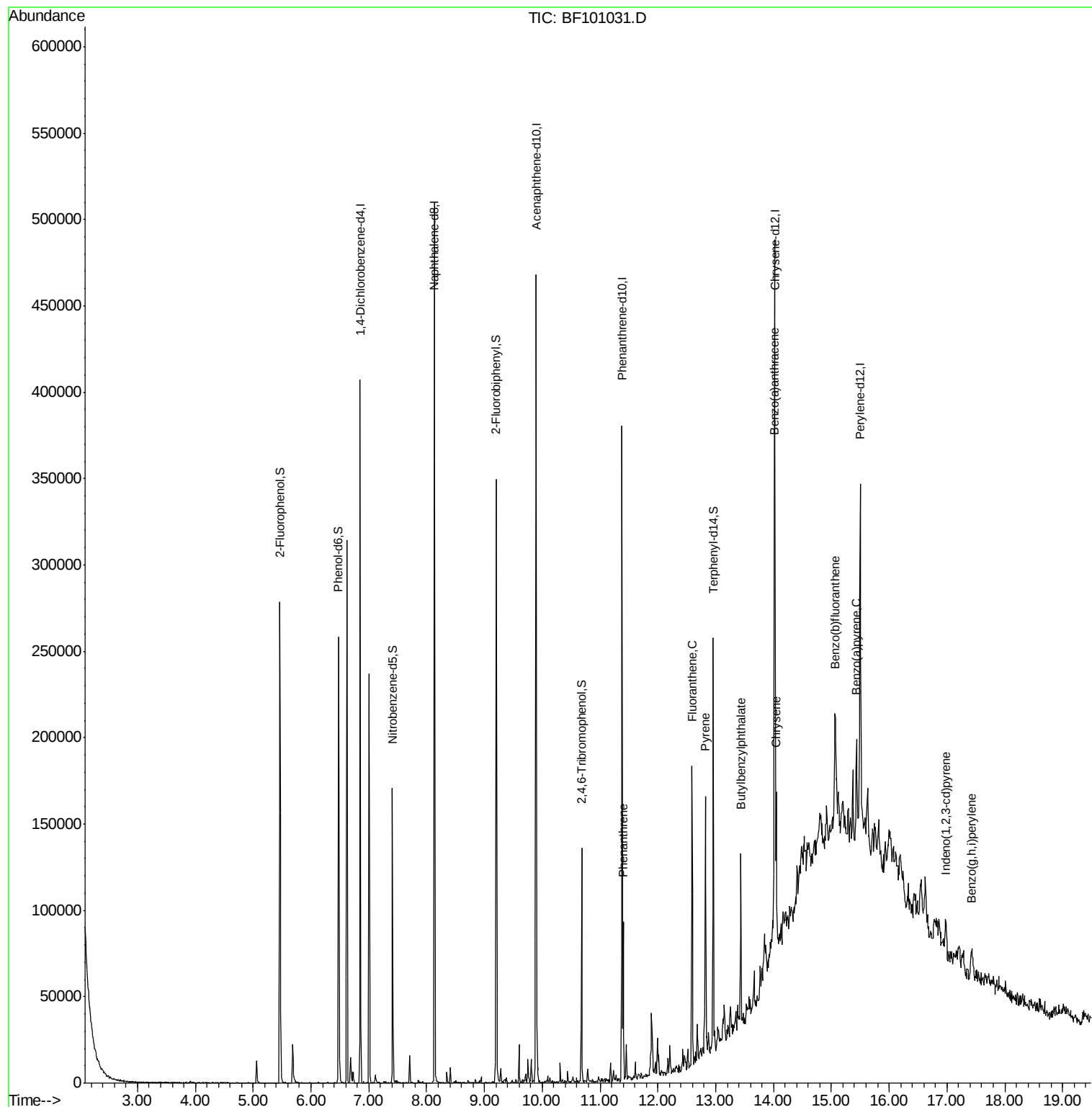
Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101031.D
Acq On : 30 Nov 2017 21:31
Operator : SJ/JU
Sample : I6610-03 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

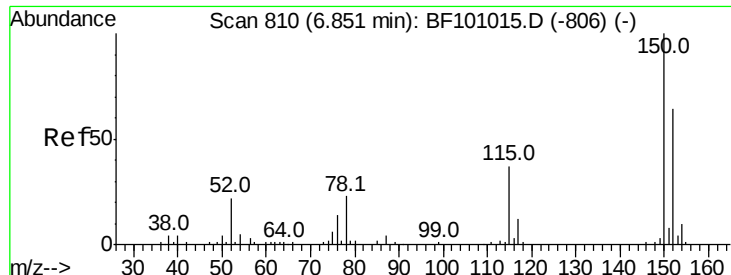
Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

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Quant Time: Dec 01 02:40:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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Response via : Initial Calibration





#1

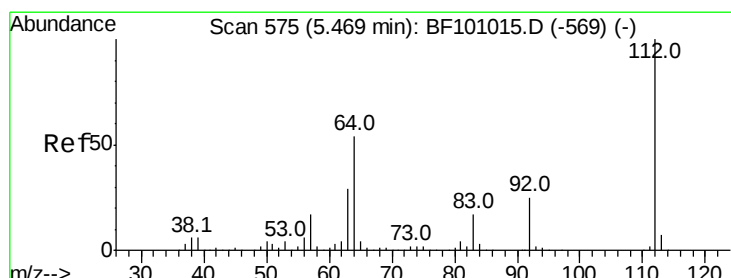
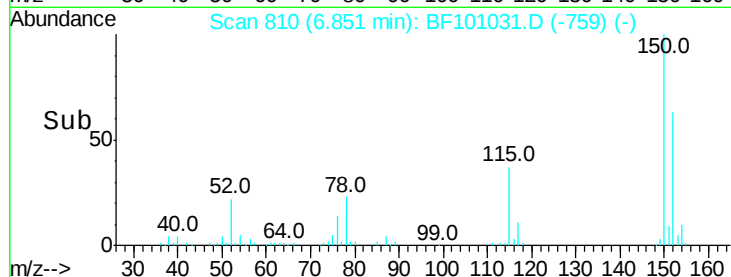
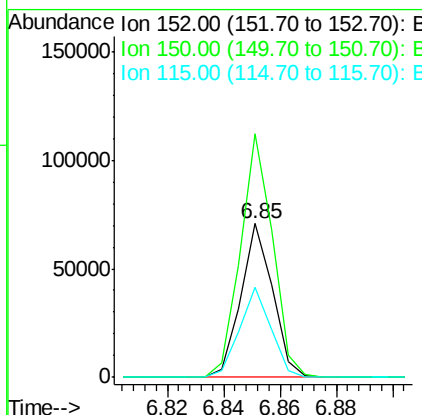
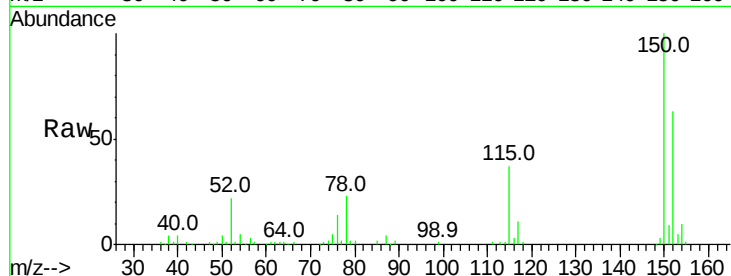
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.6	50.1	75.1

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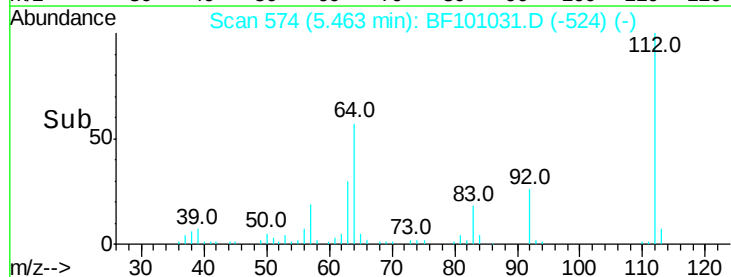
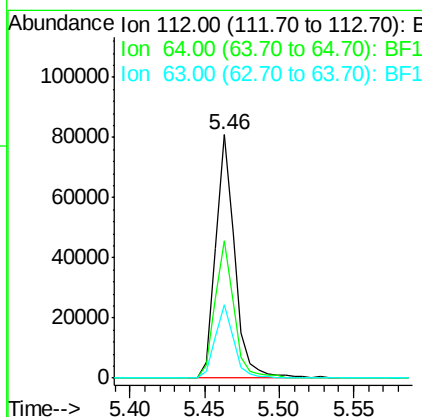
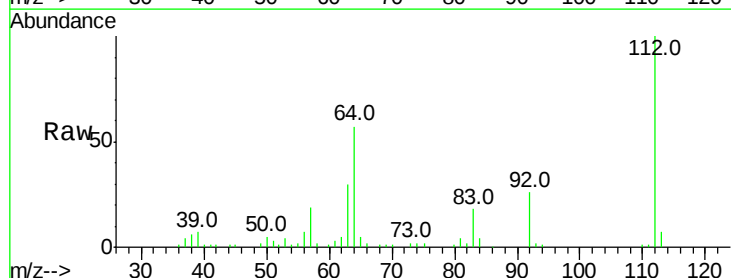
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#5

2-Fluorophenol
Concen: 21.630 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 21.821 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Instrument :

BNA_F

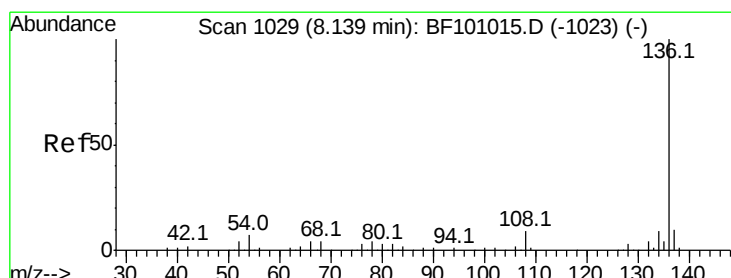
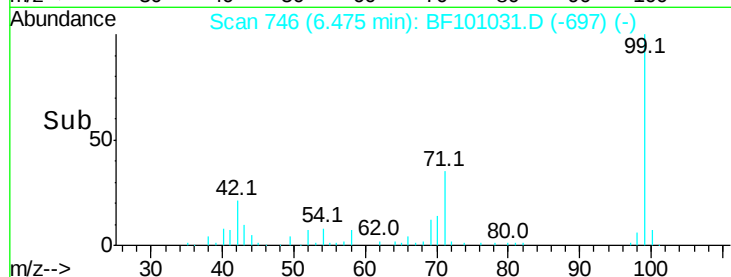
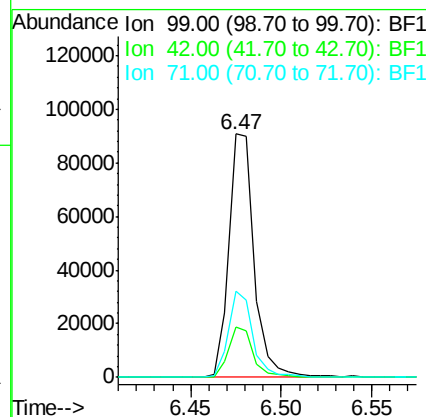
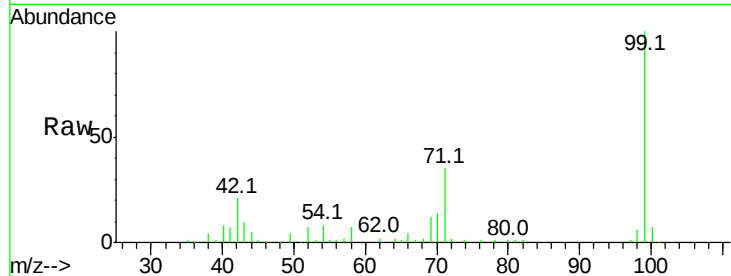
ClientSampleId :

SB-3(10-12)-20171127

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		88755		
42	20.6	14.5	21.7		
71	35.3	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

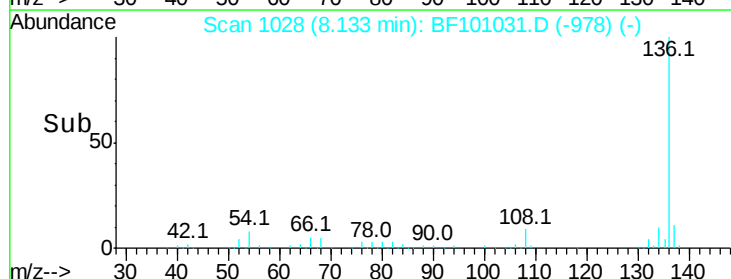
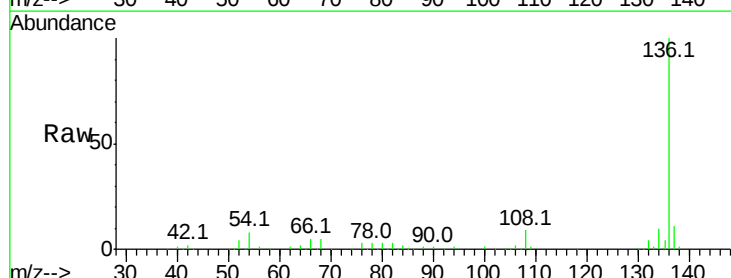
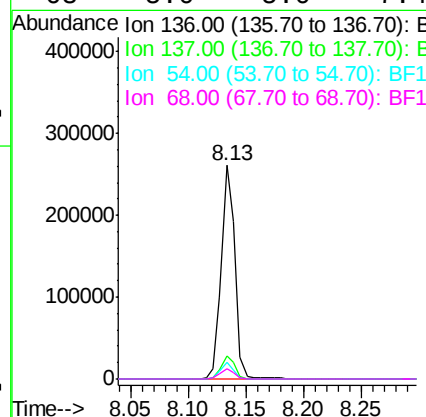
RT: 8.13 min Scan# 1028

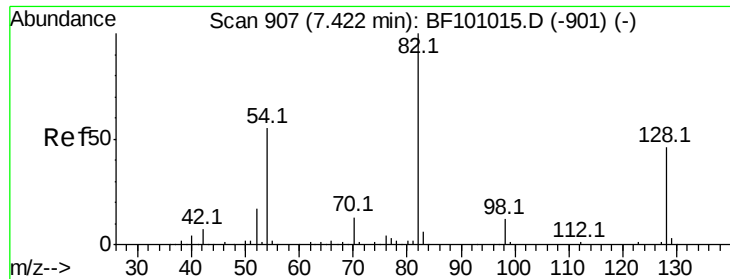
Delta R.T. -0.01 min

Lab File: BF101031.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		214129		
137	10.7	8.9	13.3		
54	7.7	6.6	9.8		
68	5.0	5.0	7.4		





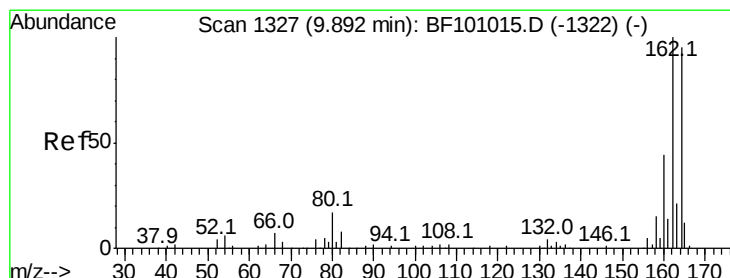
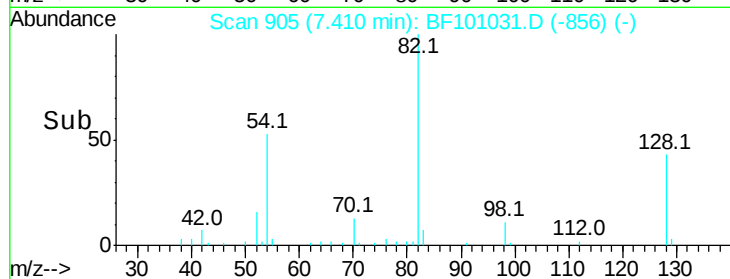
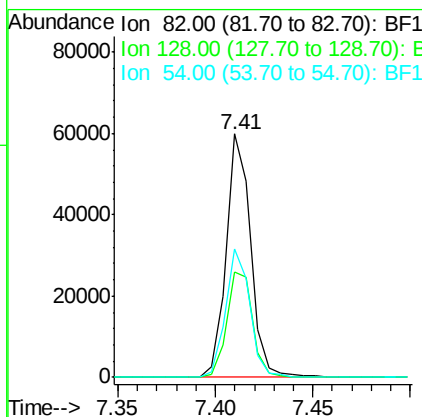
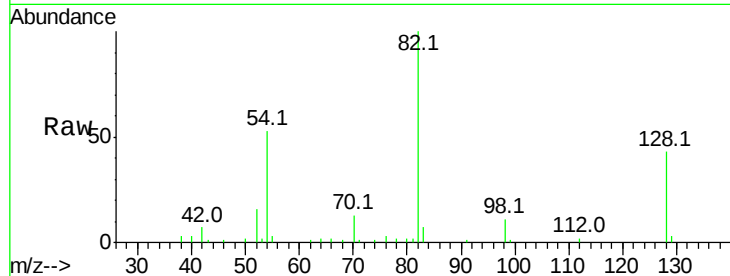
#23
Nitrobenzene-d5
Concen: 14.467 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.1	54.1
54	52.7	41.4	62.2

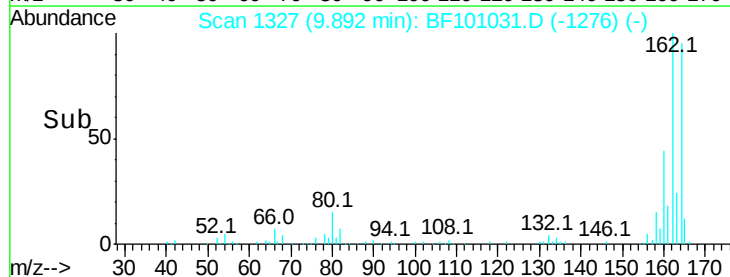
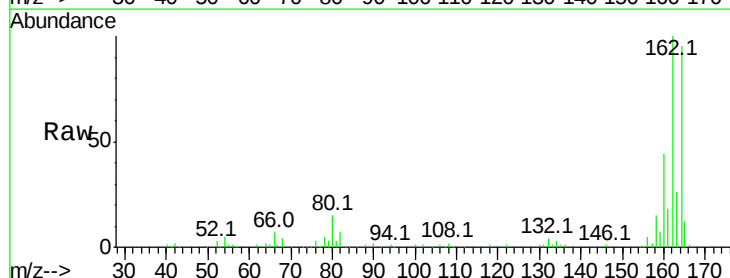
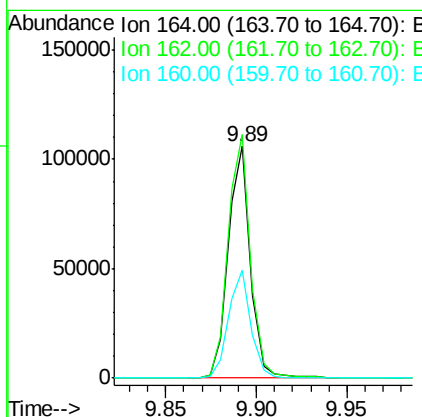
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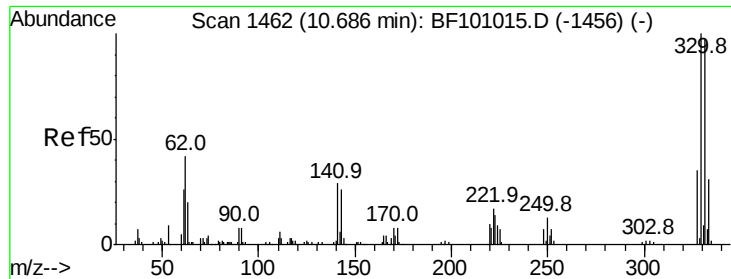
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.5	38.3	57.5





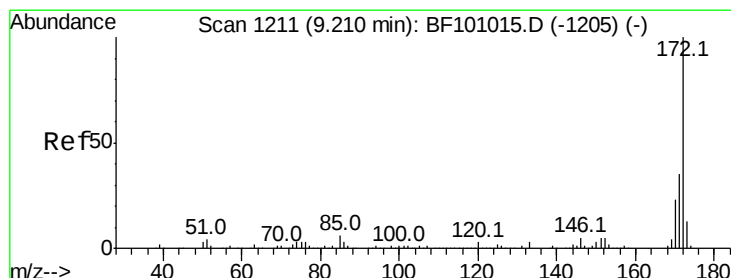
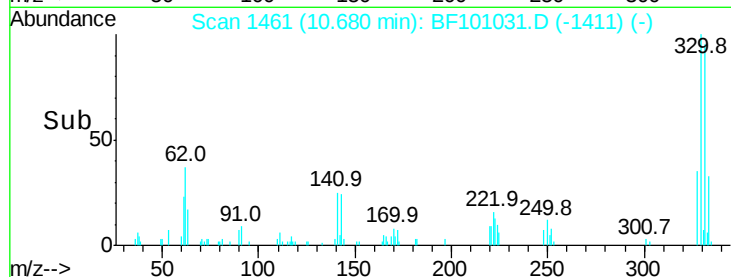
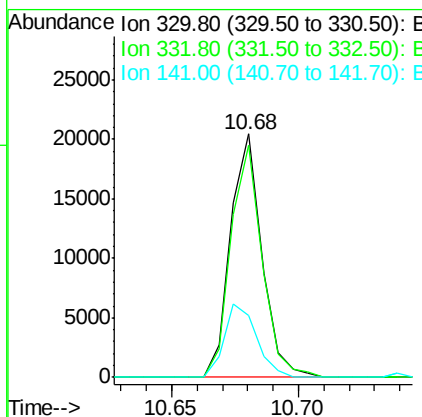
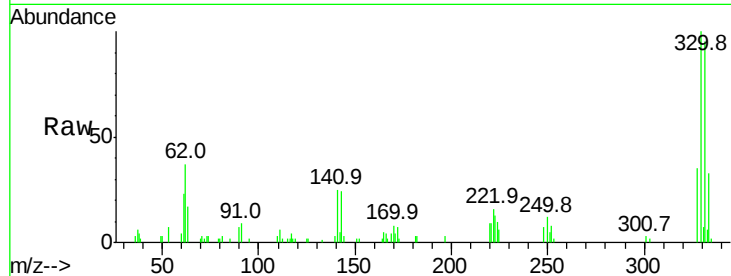
#41
 2,4,6-Tribromophenol
 Concen: 16.323 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF101031.D
 Acq: 30 Nov 2017 21:31

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.9	77.0	115.6	
141	30.8	29.9	44.9	

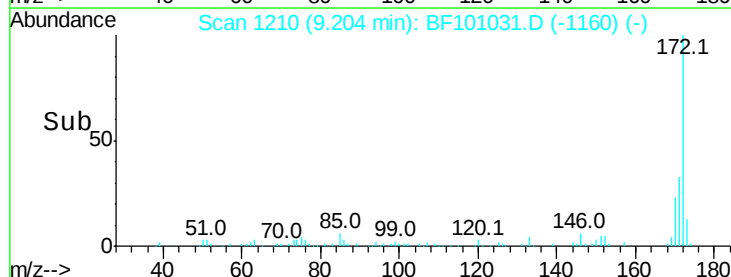
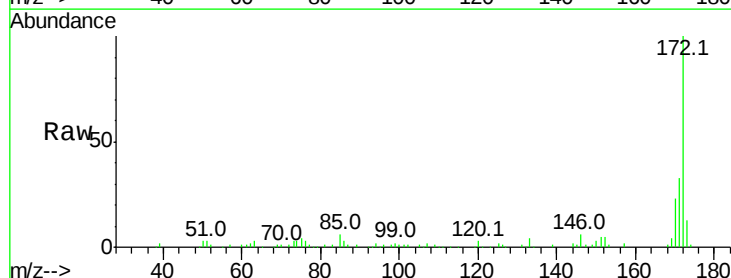
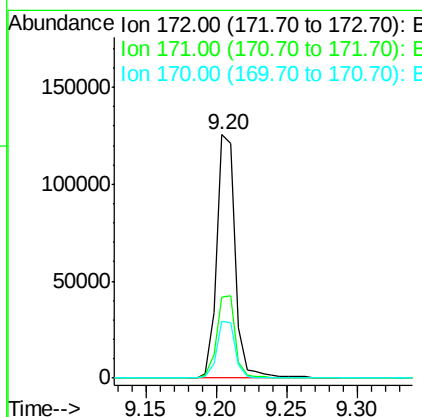
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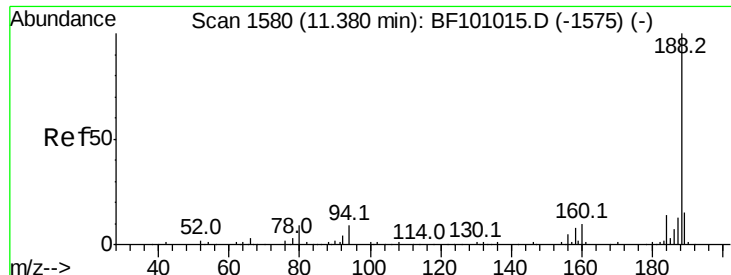
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#44
 2-Fluorobiphenyl
 Concen: 17.435 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101031.D
 Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.5	29.7	44.5	
170	23.3	19.6	29.4	





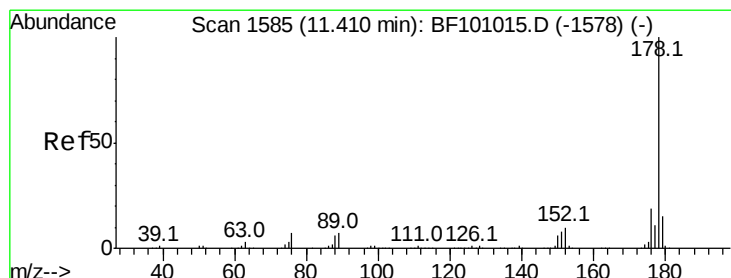
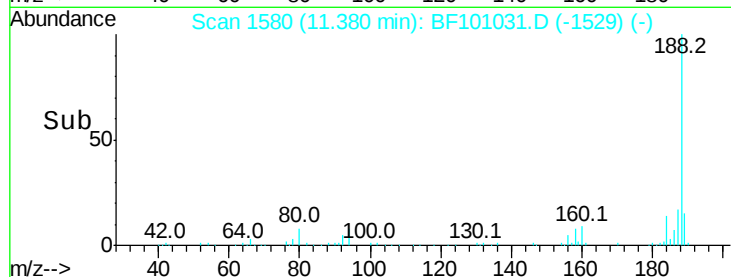
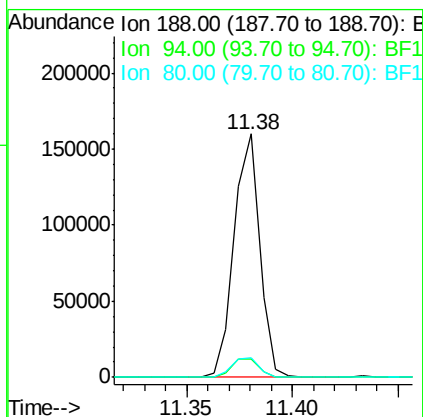
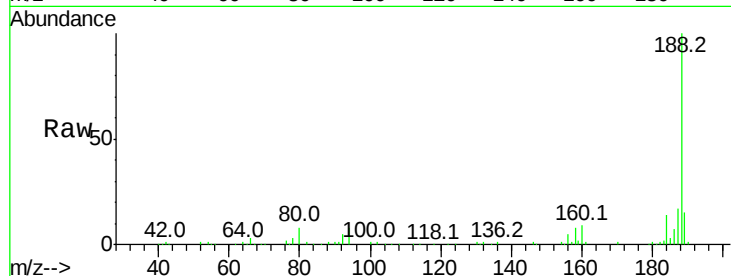
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	133932		
94	7.5		8.5	12.7#
80	8.0		9.2	13.8#

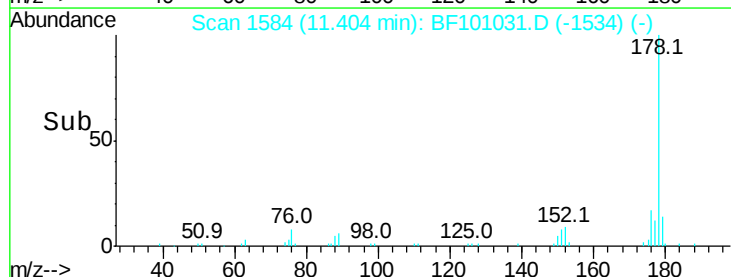
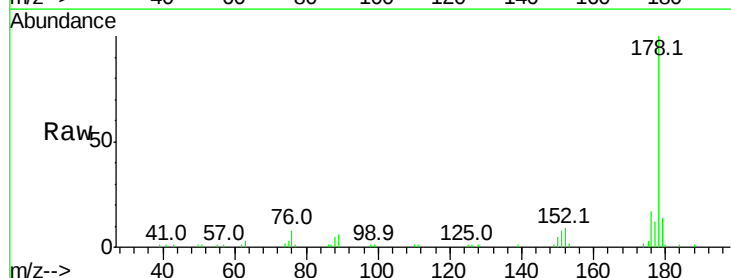
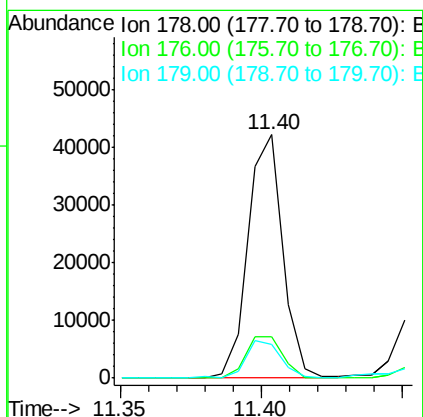
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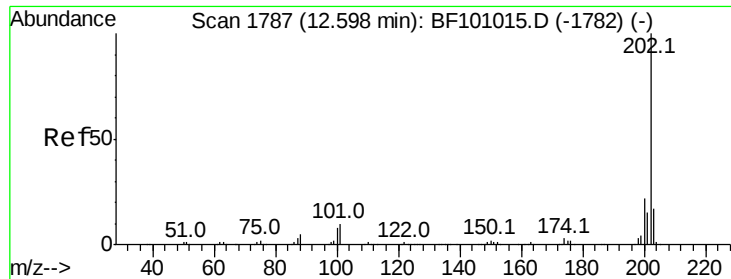
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#70
Phenanthrene
Concen: 4.901 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	36147		
176	17.1		15.8	23.8
179	14.0		13.0	19.6





#74

Fluoranthene

Concen: 7.720 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Instrument :

BNA_F

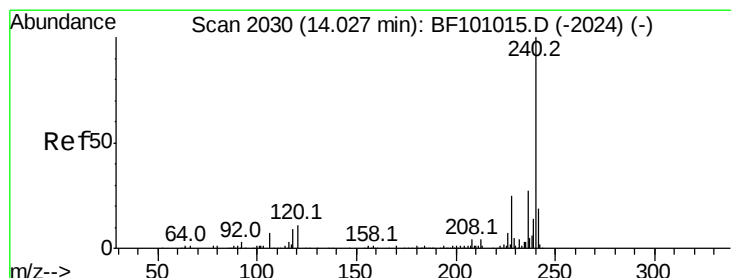
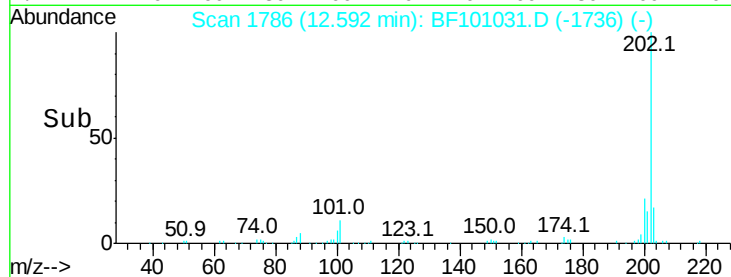
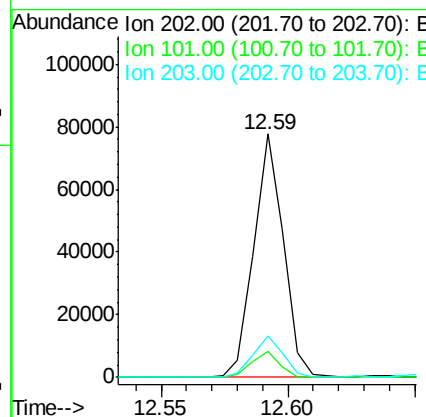
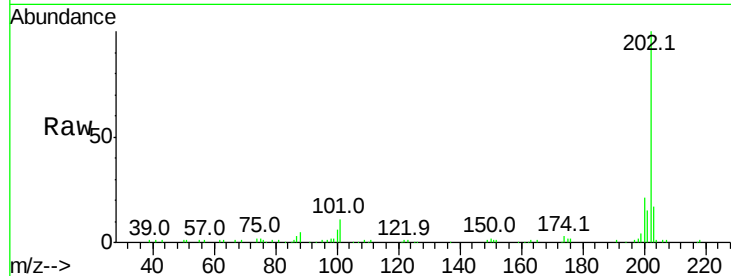
ClientSampleId :

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Tot Ion:	202	Resp:	63115
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	34.1
203	17.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

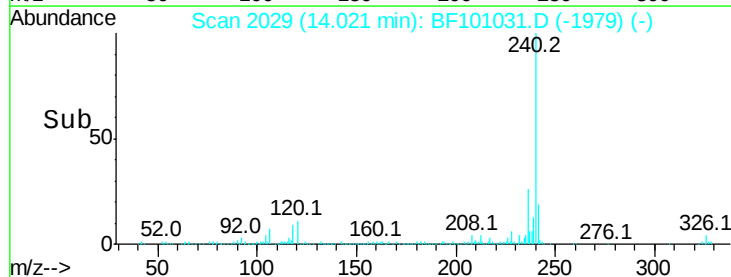
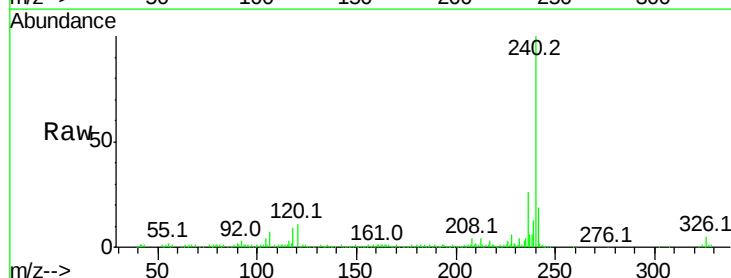
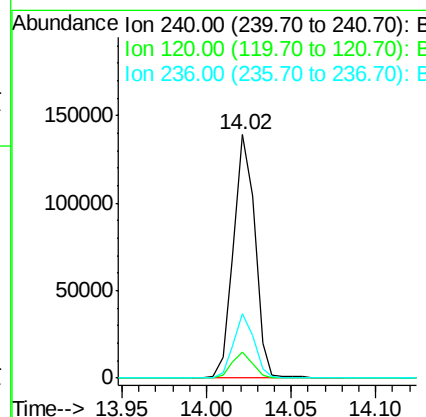
RT: 14.02 min Scan# 2029

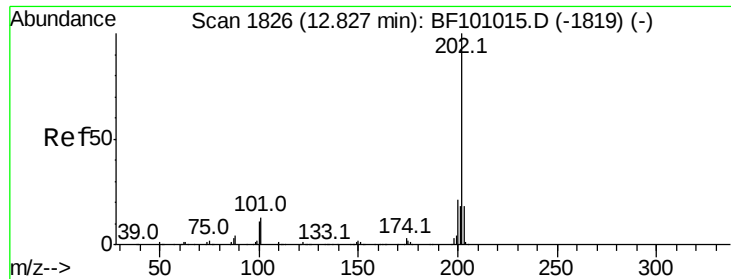
Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Tgt Ion:	240	Resp:	122847
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 6.867 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Instrument :

BNA_F

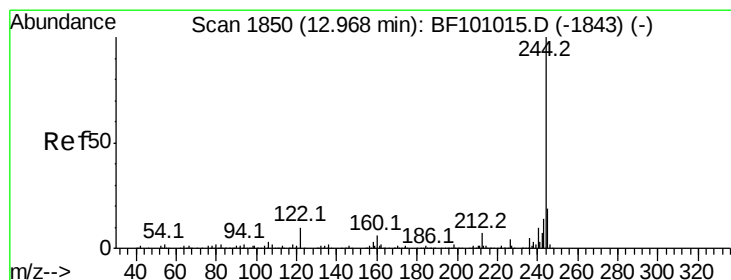
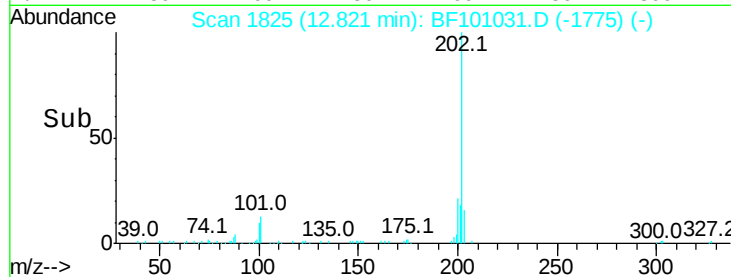
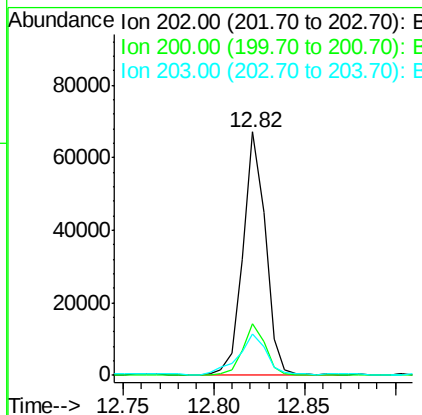
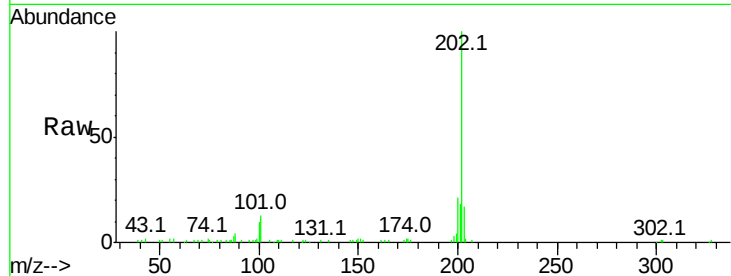
ClientSampleId :

SB-3(10-12)-20171127

Tot Ion:	202	Resp:	58207
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.1	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 13.436 ng

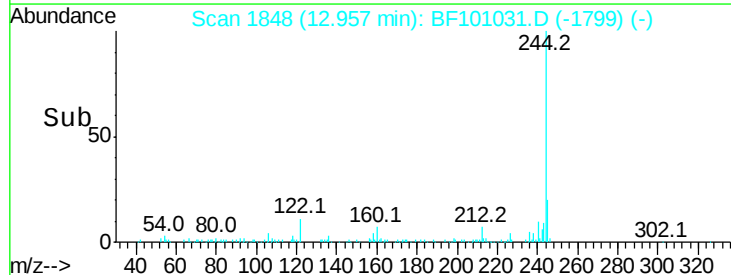
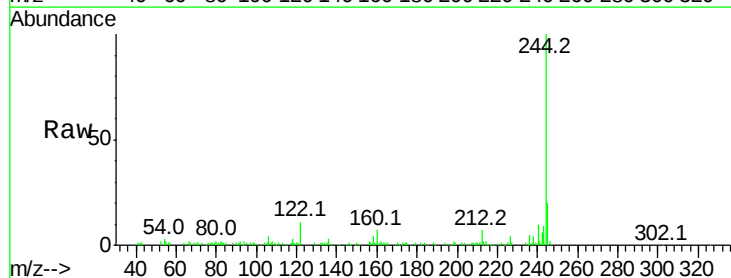
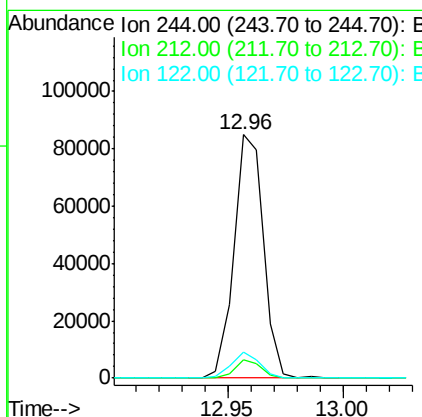
RT: 12.96 min Scan# 1848

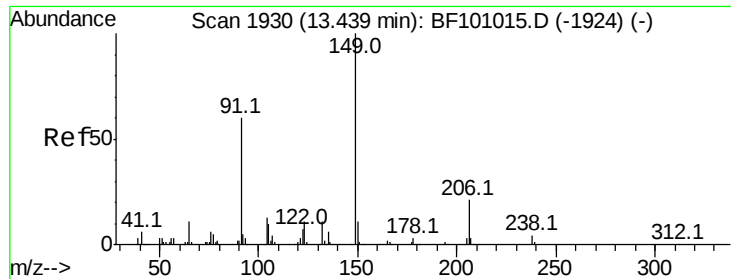
Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Tgt Ion:	244	Resp:	75463
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.4	8.0
122	10.7	11.0	16.4#





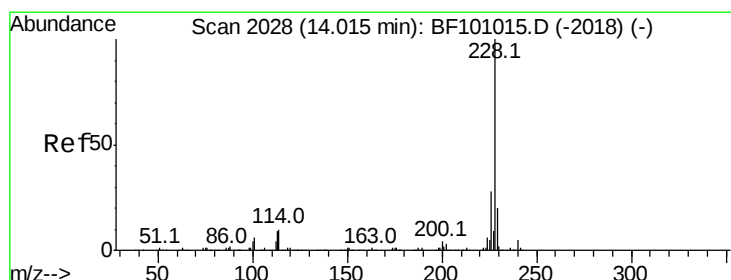
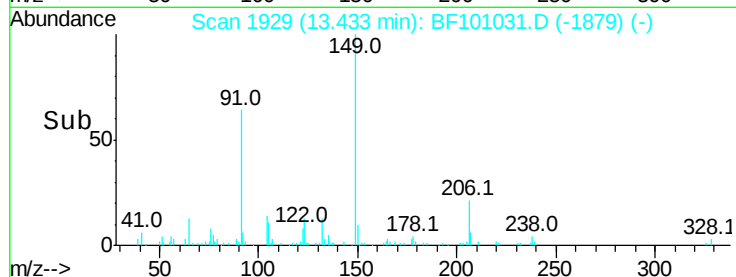
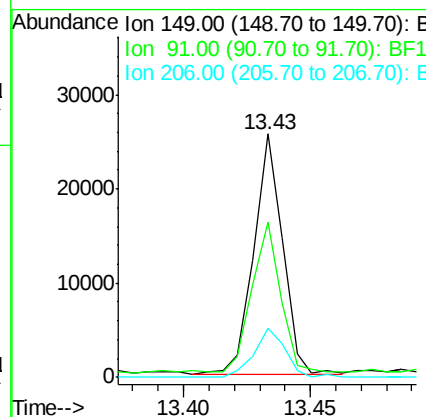
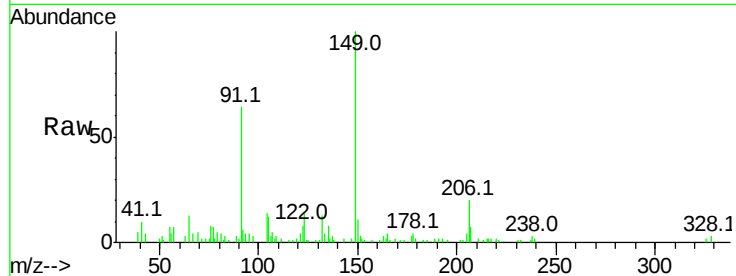
#79
Butylbenzylphthalate
Concen: 5.395 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.0	56.8	85.2
206	20.0	14.1	21.1

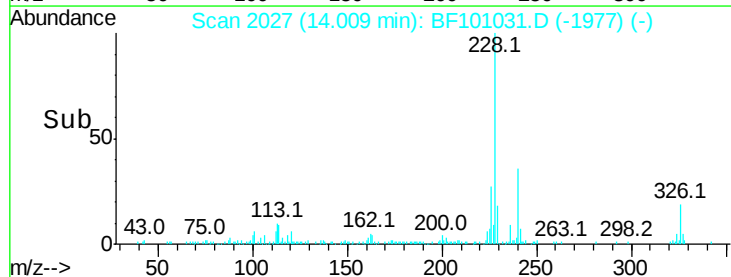
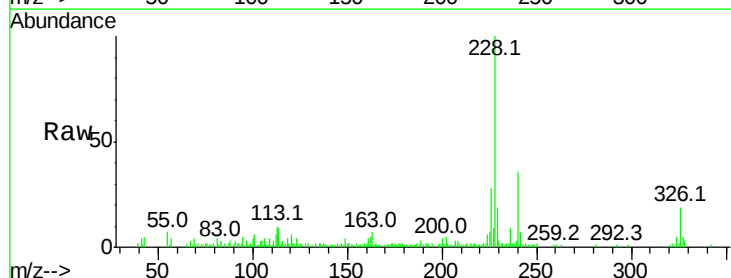
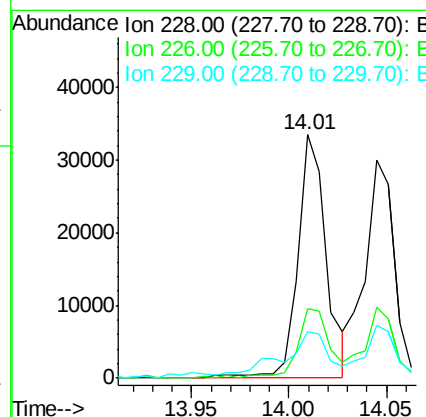
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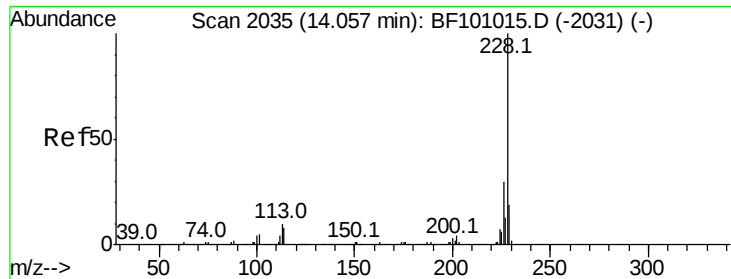
Sohil
12/1/2017 11:13:03 AM



#80
Benzo(a)anthracene
Concen: 4.349 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	19.3	15.8	23.6





#82

Chrysene

Concen: 4.373 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Instrument :

BNA_F

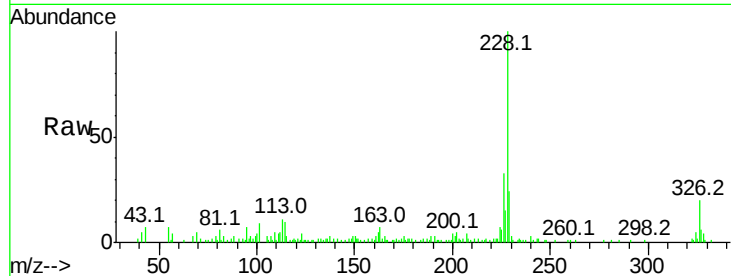
ClientSampleId :

SB-3(10-12)-20171127

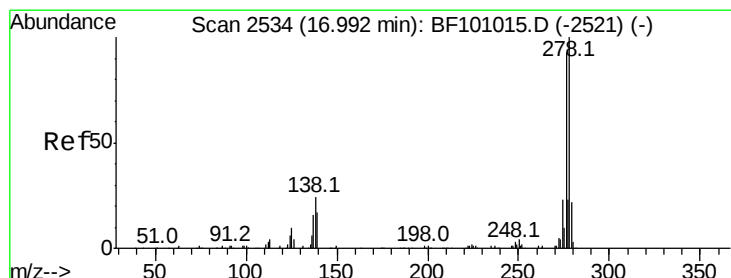
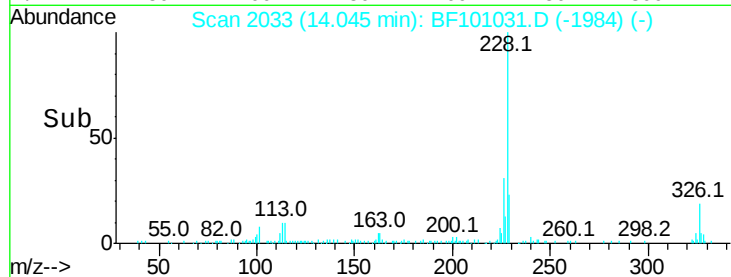
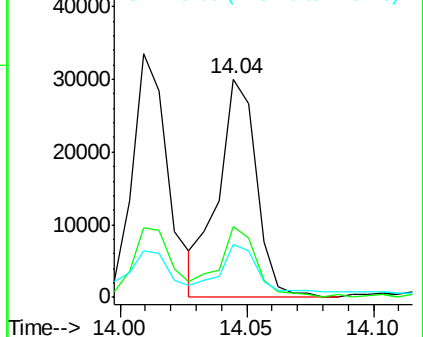
Tot Ion:	228	Resp:	31501
Ion Ratio	Lower	Upper	
228	100		
226	32.7	25.0	37.6
229	24.2	16.2	24.4

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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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.041 ng

RT: 16.98 min Scan# 2532

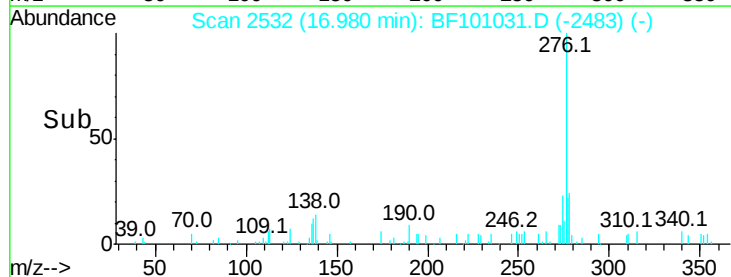
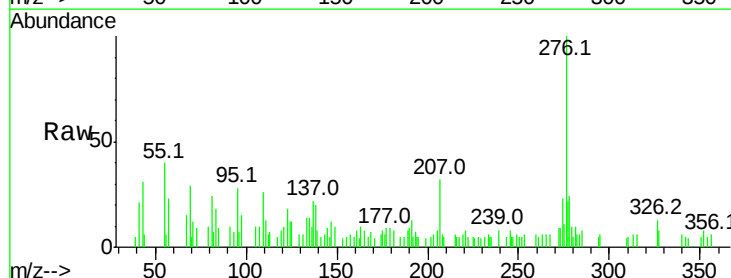
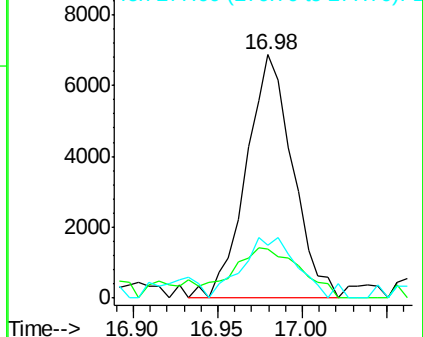
Delta R.T. -0.01 min

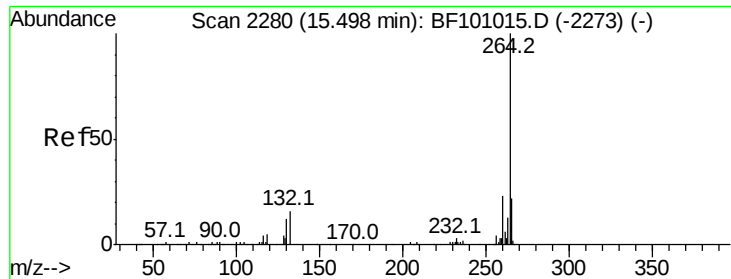
Lab File: BF101031.D

Acq: 30 Nov 2017 21:31

Tgt Ion:	276	Resp:	13072
Ion Ratio	Lower	Upper	
276	100		
138	28.7	25.0	37.6
277	30.2	20.1	30.1#

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





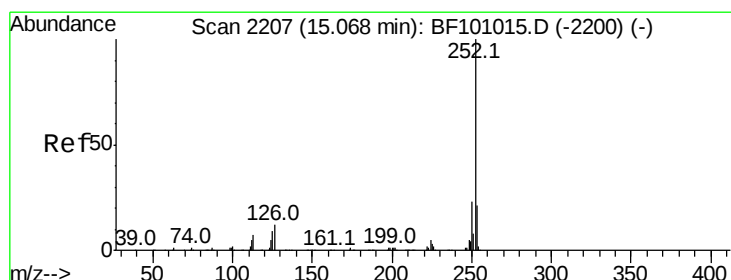
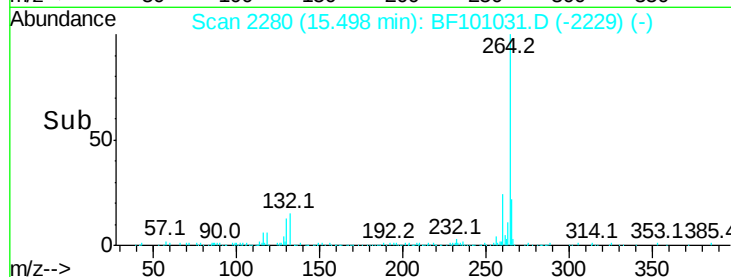
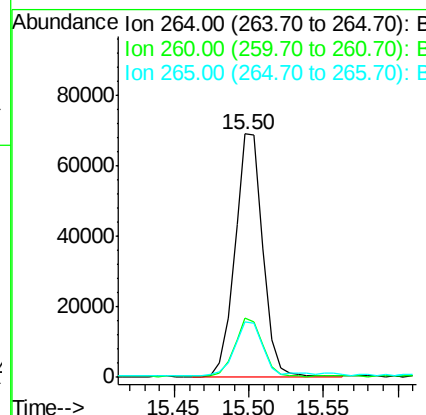
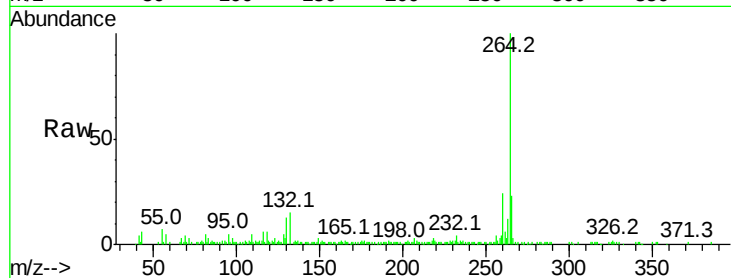
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.9	17.5	26.3

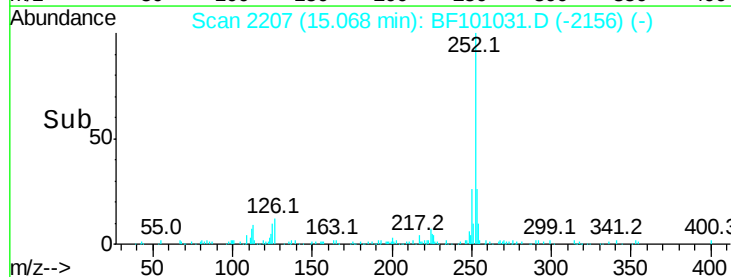
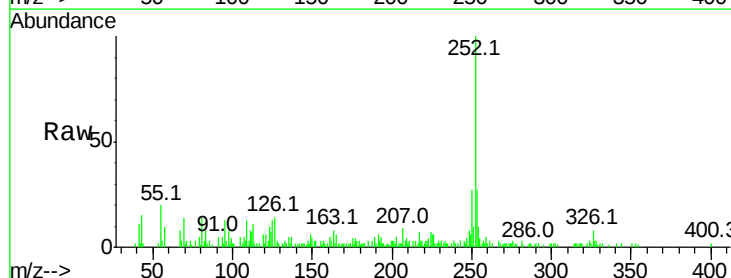
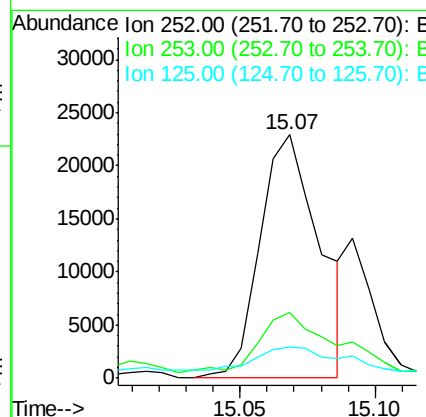
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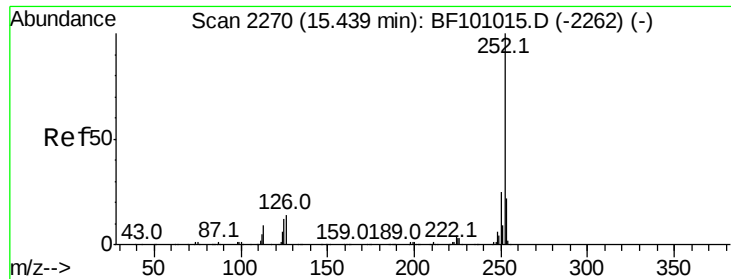
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#87
Benzo(b)fluoranthene
Concen: 6.438 ng m
RT: 15.07 min Scan# 2207
Delta R.T. -0.00 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.0	25.6#
125	12.9	9.0	13.6





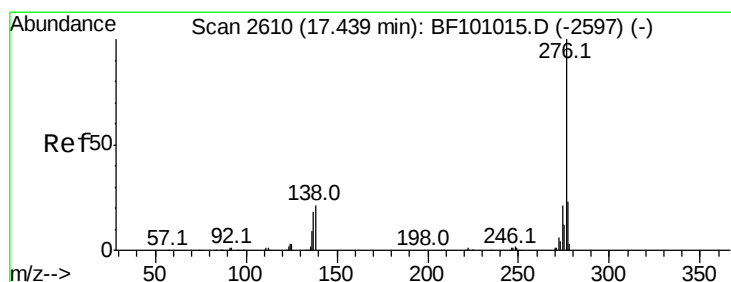
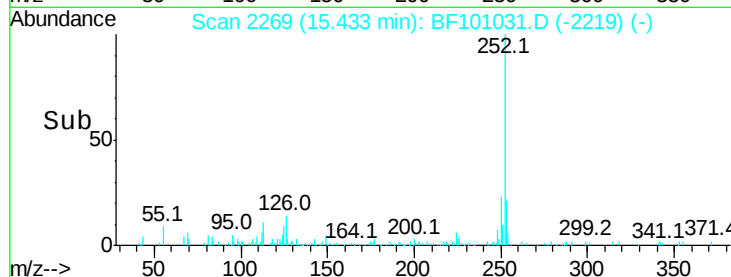
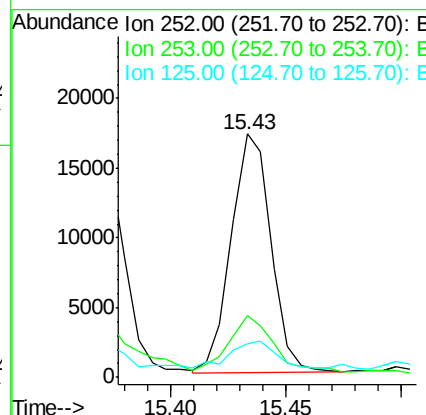
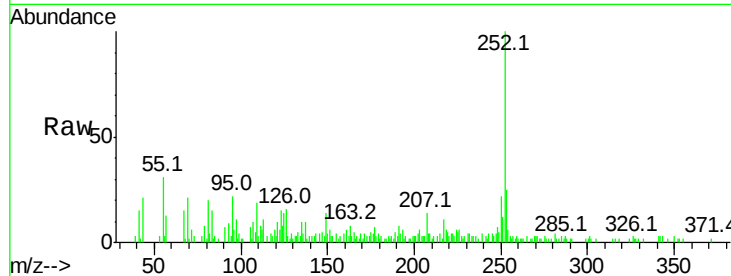
#89
Benzo(a)pyrene
Concen: 4.157 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Instrument :
BNA_F
ClientSampleId :
SB-3(10-12)-20171127

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.1	25.7
125	13.9	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.333 ng
RT: 17.43 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BF101031.D
Acq: 30 Nov 2017 21:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.3	17.9	26.9#
138	24.6	21.8	32.8

