

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102441.D
 Acq On : 25 Jan 2018 23:19
 Operator : SJ/JU
 Sample : J1289-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-9.5-10.0

Manual Integrations
 APPROVED

Sohil
 1/26/2018 11:24:43 AM

Quant Time: Jan 26 02:42:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	130581	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	530711	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	218064	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	320750	20.00	ng	0.00
75) Chrysene-d12	13.88	240	259730	20.00	ng	0.00
86) Perylene-d12	15.31	264	220198	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1024933	119.01	ng	0.02
7) Phenol-d6	6.37	99	1218671	117.38	ng	0.00
23) Nitrobenzene-d5	7.29	82	777171	84.15	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	185645	85.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1202539	81.08	ng	0.00
78) Terphenyl-d14	12.83	244	831309	72.15	ng	0.00
Target Compounds						
10) Phenol	6.38	94	54374	4.797	ng	98
31) Naphthalene	8.02	128	199231	7.519	ng	99
49) Dimethylphthalate	9.47	163	225034	12.485	ng	99
70) Phenanthrene	11.26	178	195514	10.460	ng	98
71) Anthracene	11.32	178	42600	2.233	ng	98
74) Fluoranthene	12.45	202	272053	14.273	ng	99
77) Pyrene	12.68	202	232657	11.586	ng	98
80) Benzo(a)anthracene	13.87	228	114758m	7.177	ng	
82) Chrysene	13.90	228	119686m	7.371	ng	
85) Indeno(1,2,3-cd)pyrene	16.70	276	45606	3.401	ng	94
87) Benzo(b)fluoranthene	14.90	252	139619m	9.783	ng	
88) Benzo(k)fluoranthene	14.92	252	40741m	3.021	ng	
89) Benzo(a)pyrene	15.24	252	87683	6.812	ng	# 91
91) Benzo(a,h,i)perylene	17.13	276	39138	3.802	ng	# 92

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

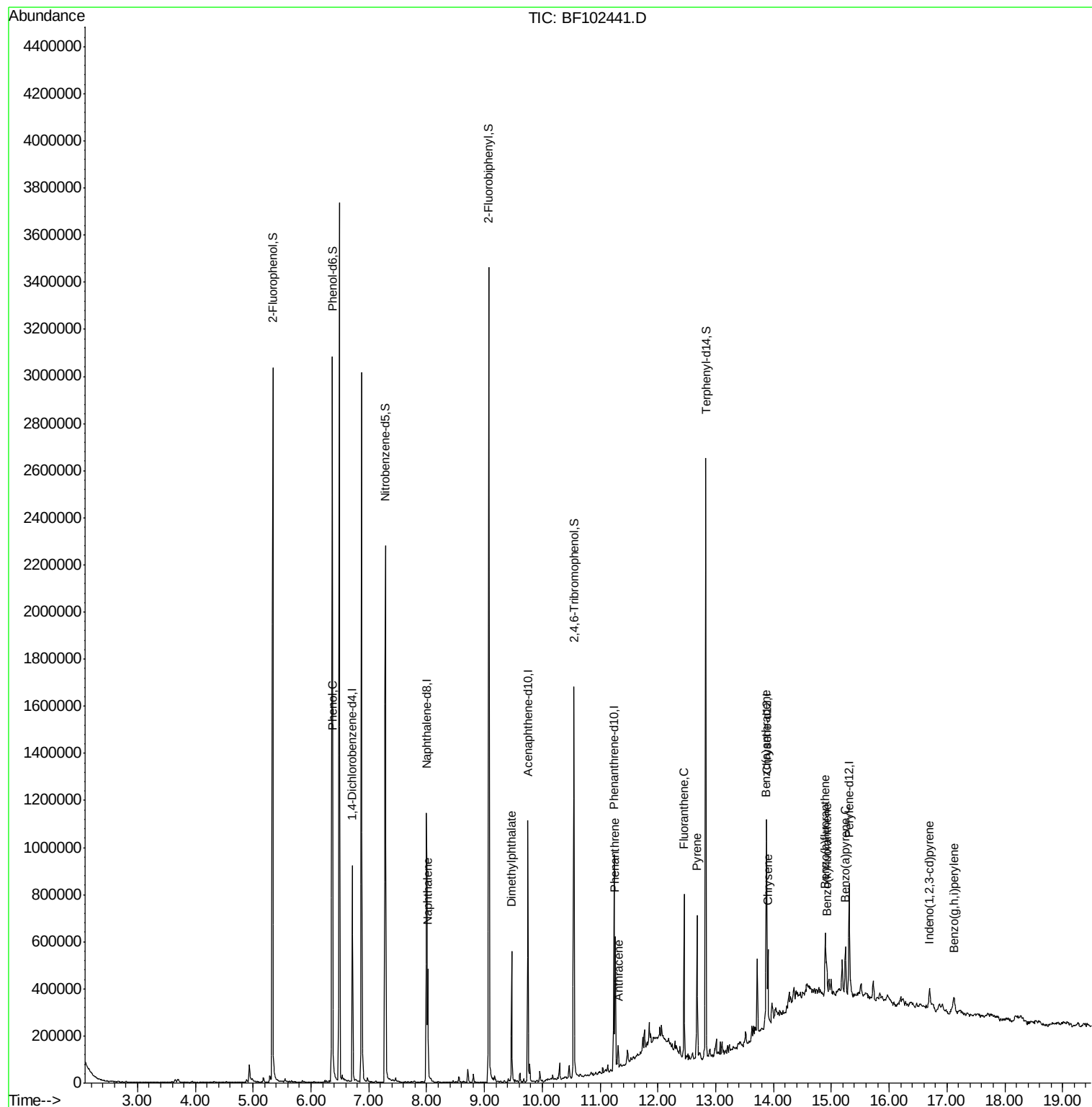
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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ALS Vial : 12 Sample Multiplier: 1

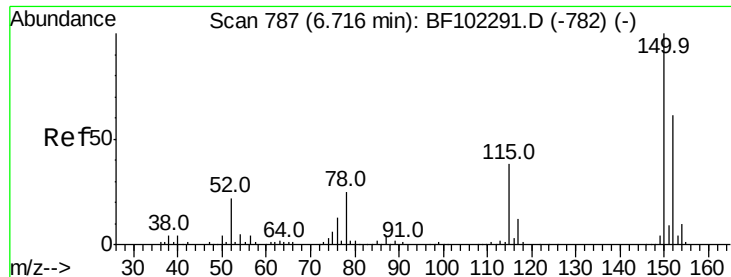
Instrument :
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SB-11-9.5-10.0

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#1

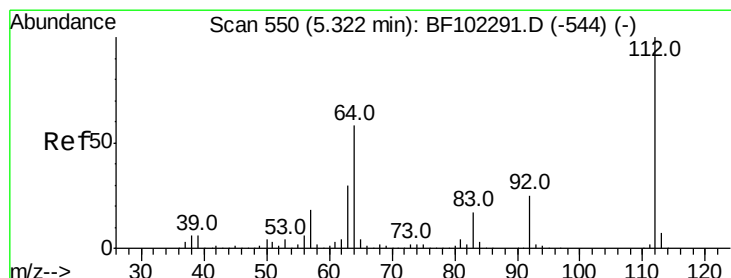
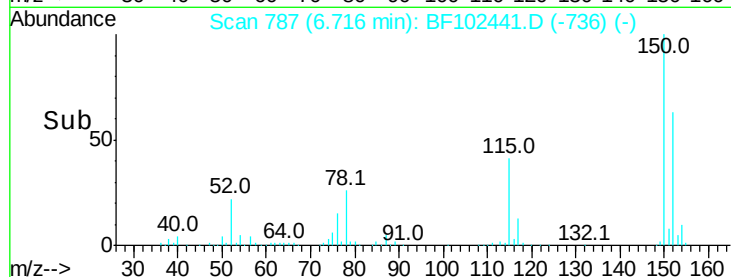
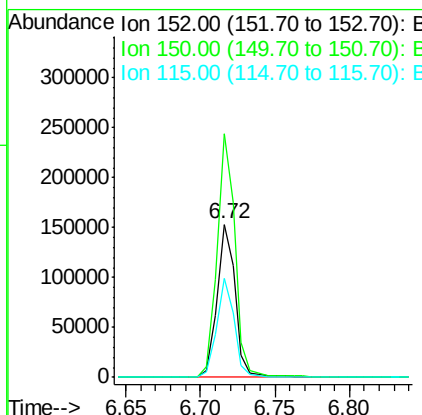
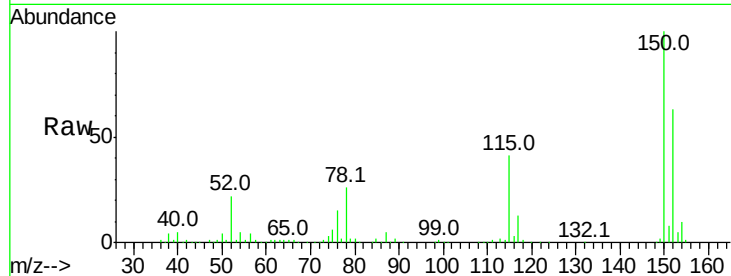
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF102441.D
 Acq: 25 Jan 2018 23:19

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	65.0	50.1	75.1

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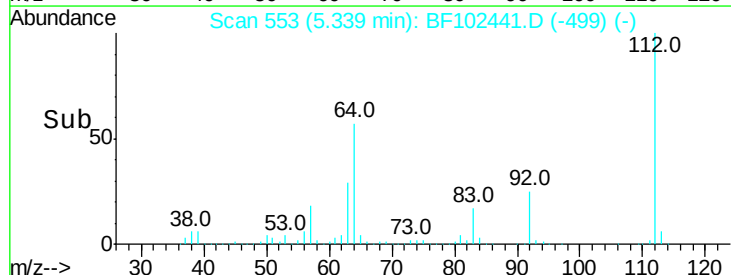
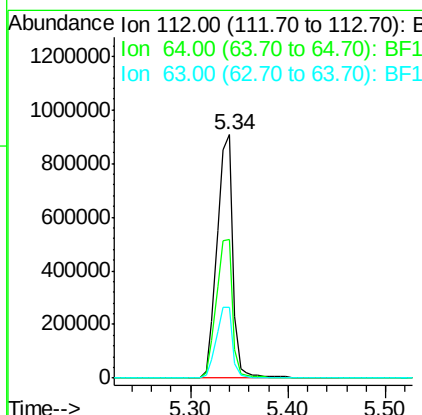
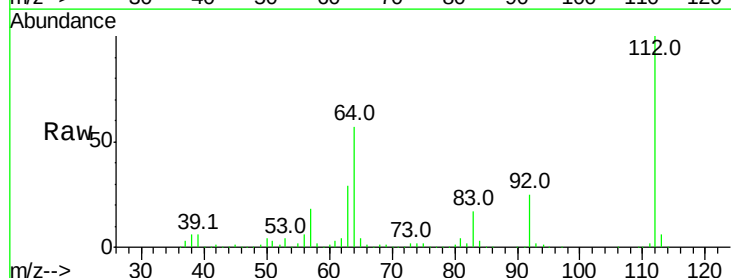
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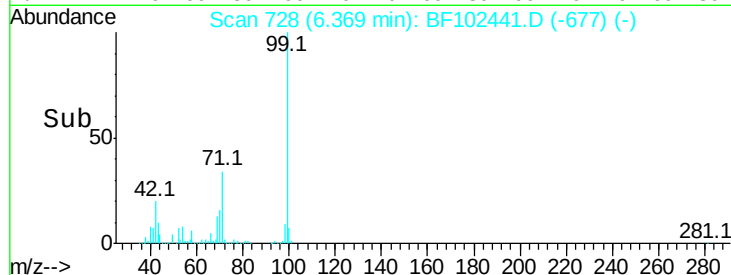
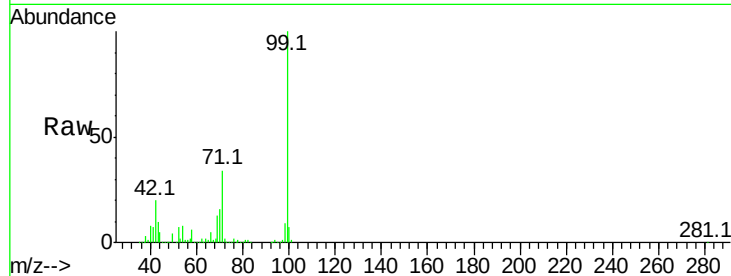
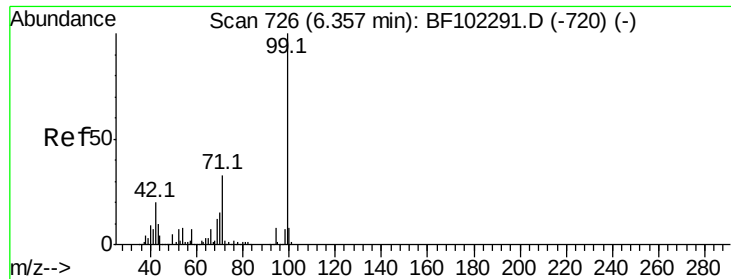


#5

2-Fluorophenol
 Concen: 119.012 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.02 min
 Lab File: BF102441.D
 Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.9	71.9
63	29.3	23.7	35.5





#7

Phenol-d6

Concen: 117.376 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tot Ion:	99	Resp:	1218671
Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	34.1	25.4	38.0

Instrument :

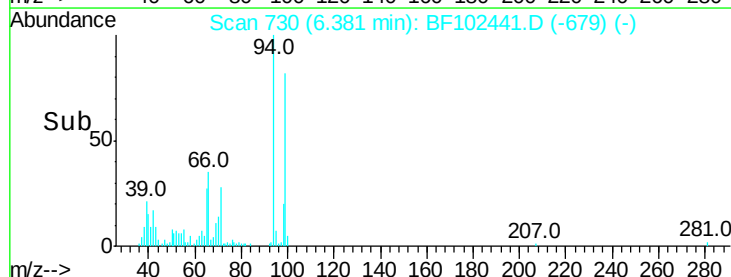
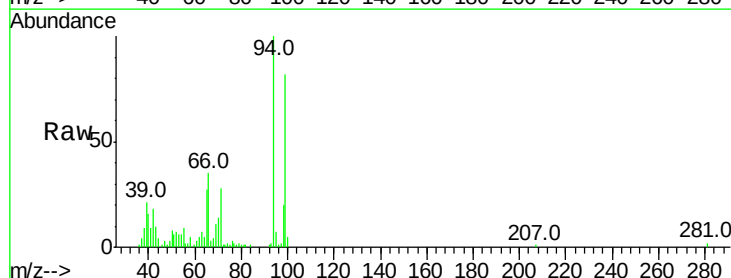
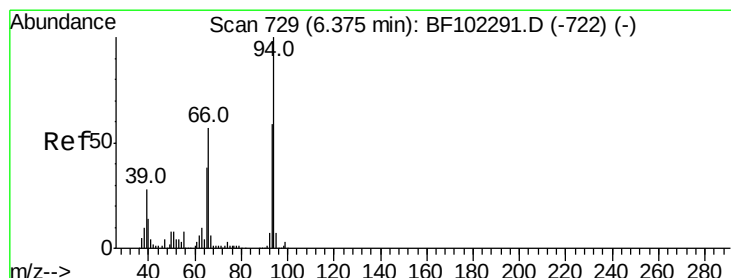
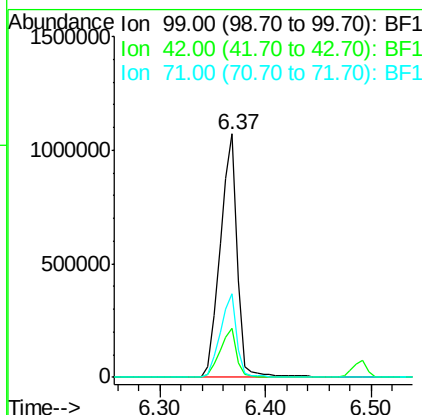
BNA_F

ClientSampleId :

SB-11-9.5-10.0

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#10

Phenol

Concen: 4.797 ng

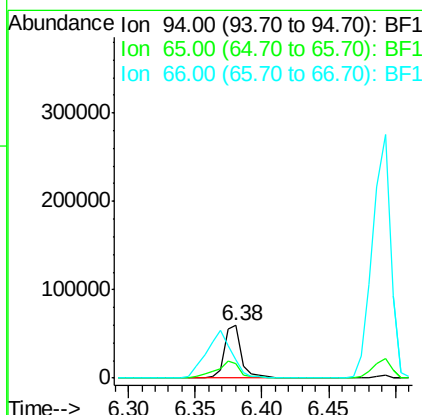
RT: 6.38 min Scan# 730

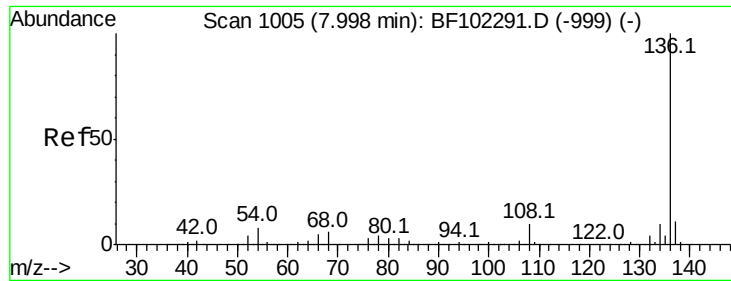
Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion:	94	Resp:	54374
Ion	Ratio	Lower	Upper
94	100		
65	26.6	7.9	47.9
66	35.4	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Instrument :

BNA_F

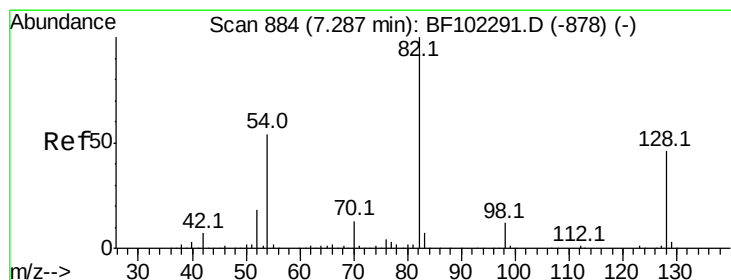
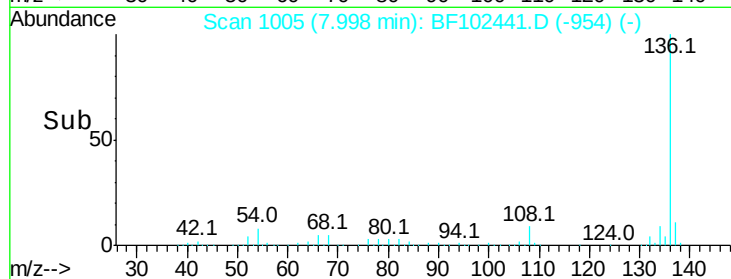
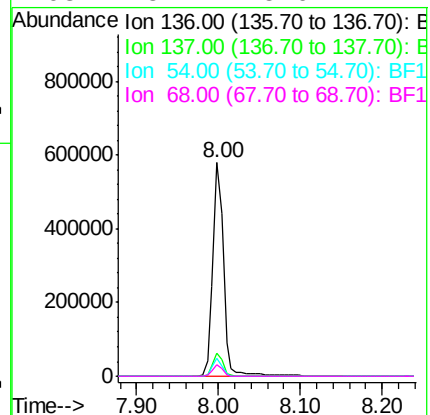
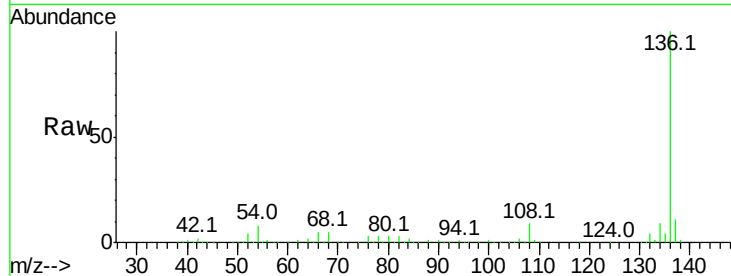
ClientSampleId :

SB-11-9.5-10.0

Tot Ion	Ratio	Resp	Lower	Upper
136	100	530711		
137	11.0		8.9	13.3
54	8.2		6.6	9.8
68	5.4		5.0	7.4

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#23

Nitrobenzene-d5

Concen: 84.154 ng

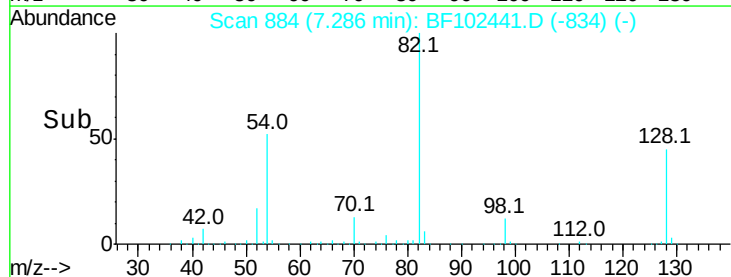
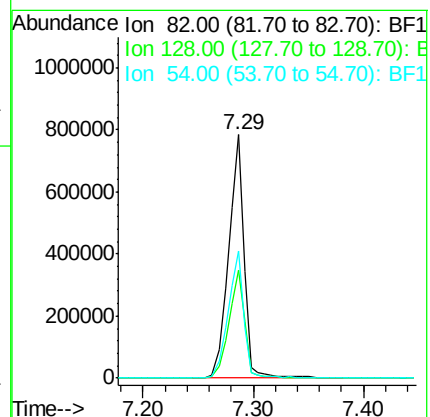
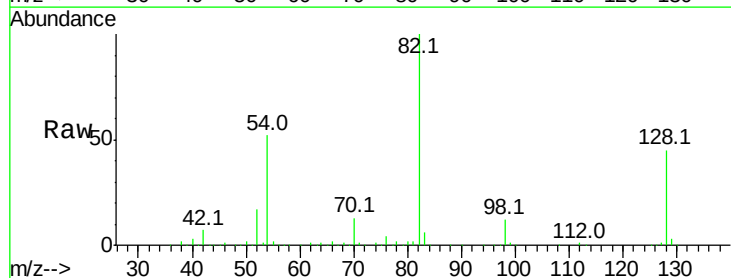
RT: 7.29 min Scan# 884

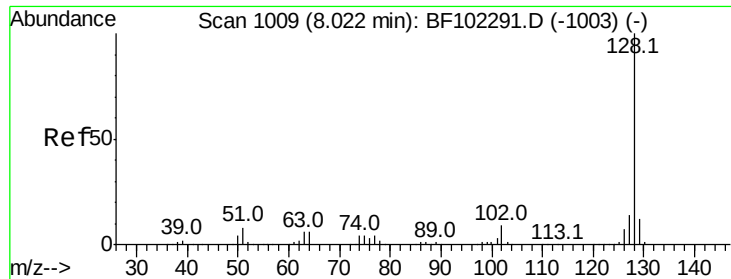
Delta R.T. -0.01 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	777171		
128	44.5		36.1	54.1
54	52.1		41.4	62.2





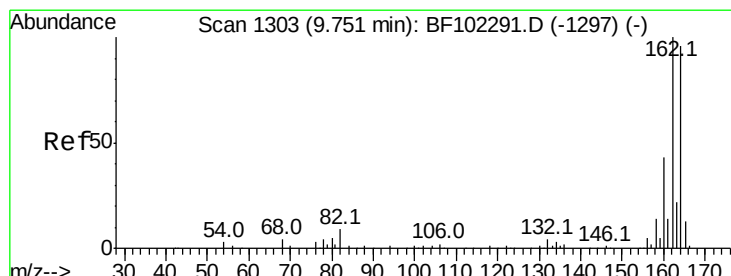
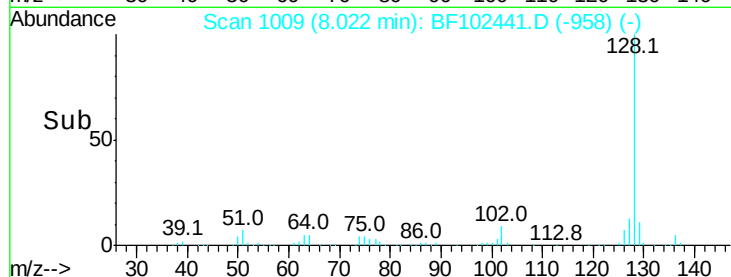
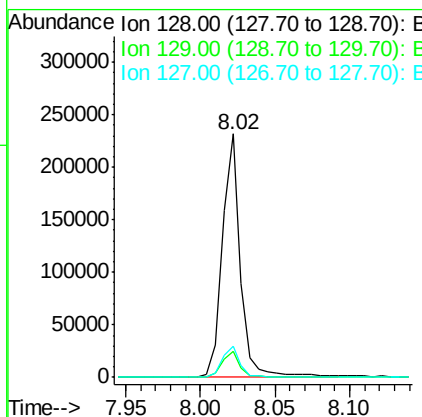
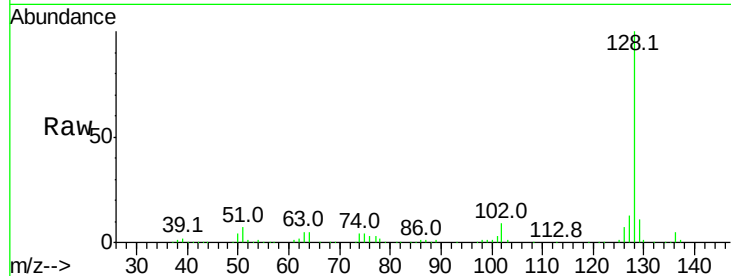
#31
Naphthalene
Concen: 7.519 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Resp	Lower	Upper
128	100	199231		
129	10.8		8.8	13.2
127	13.0		10.9	16.3

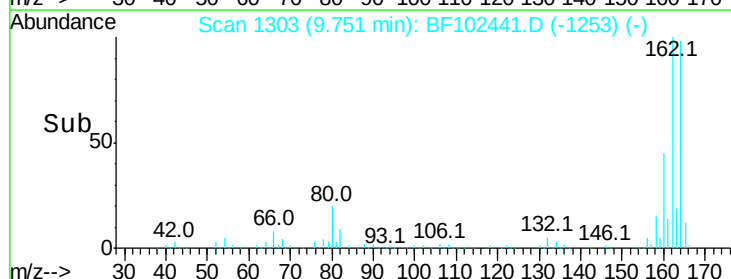
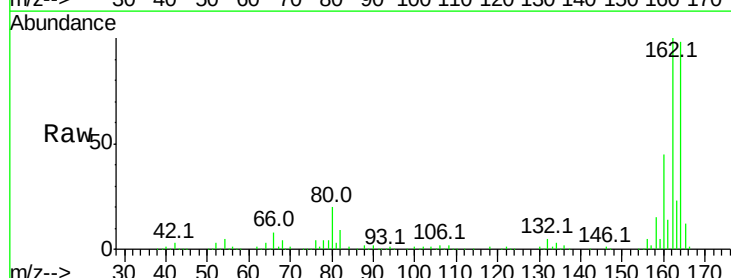
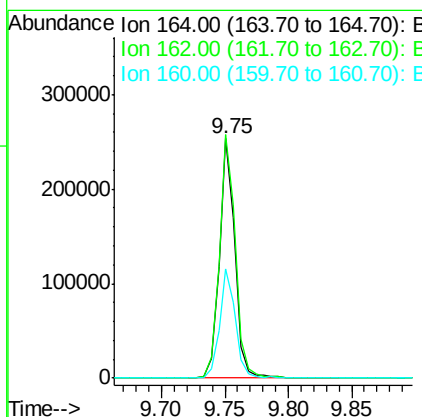
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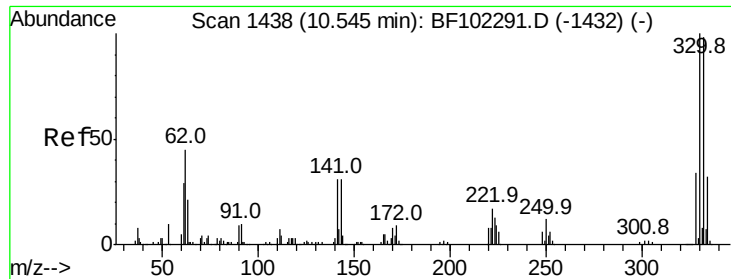
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218064		
162	101.7		86.1	129.1
160	45.8		38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 85.919 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Instrument :

BNA_F

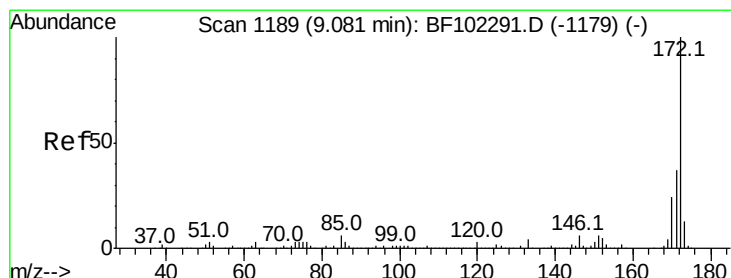
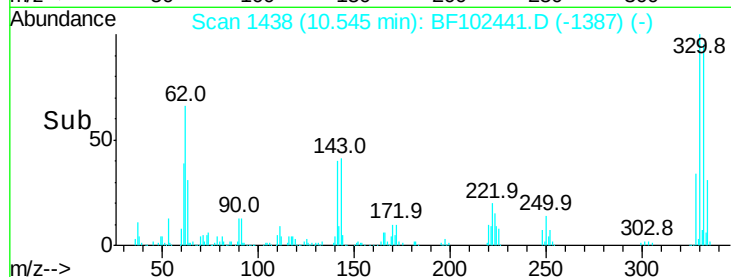
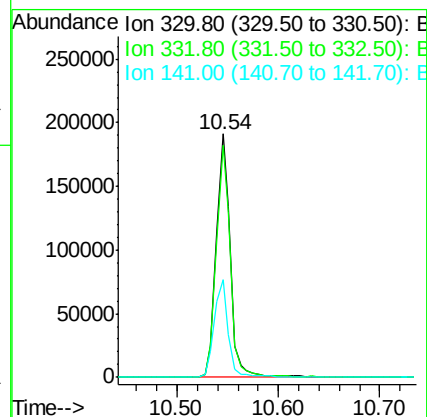
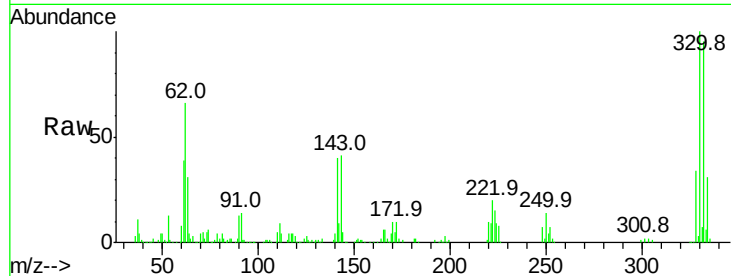
ClientSampleId :

SB-11-9.5-10.0

Tot Ion:	330	Resp:	185645
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.0	115.6
141	39.9	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 81.084 ng

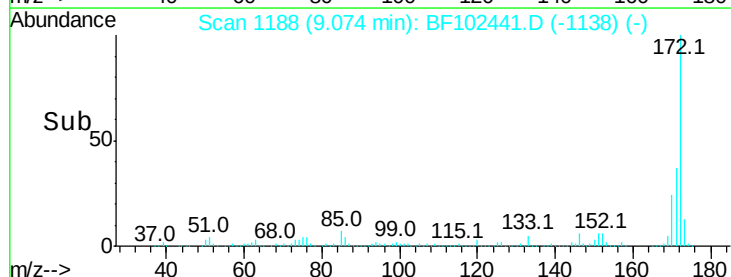
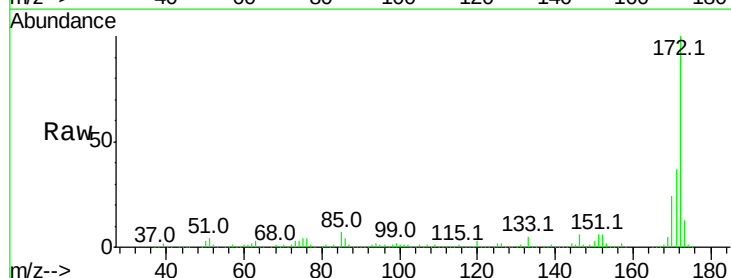
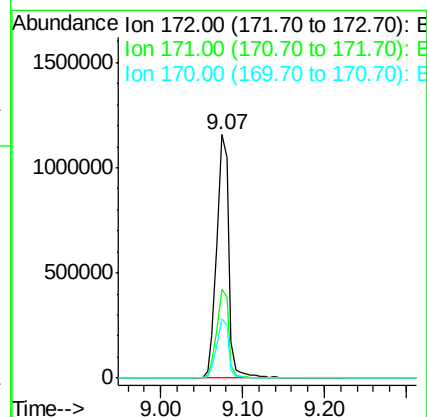
RT: 9.07 min Scan# 1188

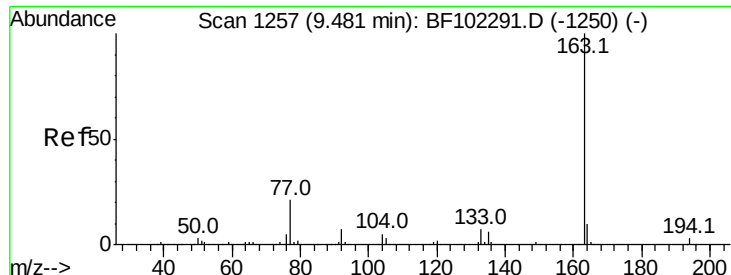
Delta R.T. -0.01 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion:	172	Resp:	1202539
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.3	19.6	29.4





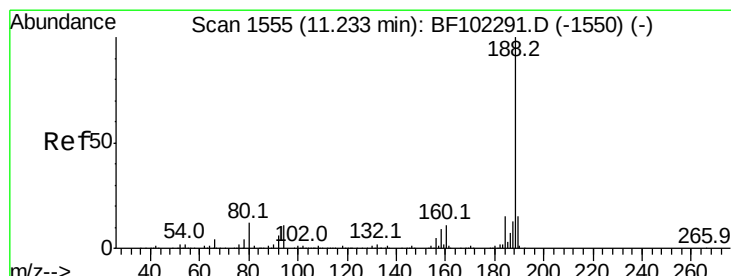
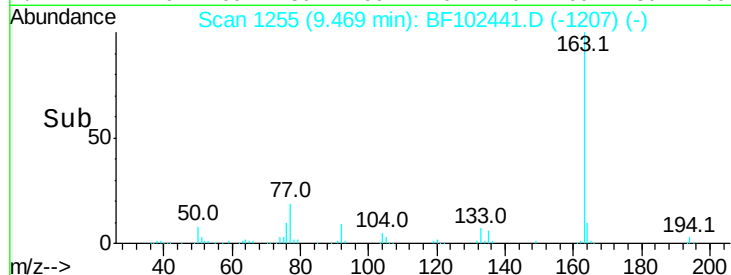
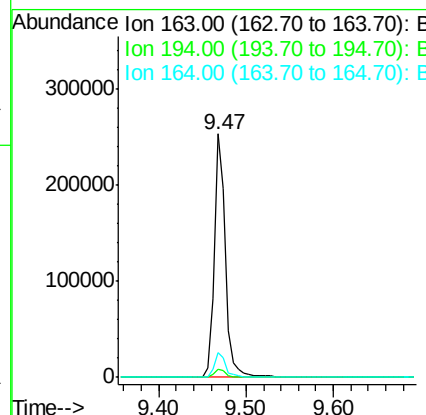
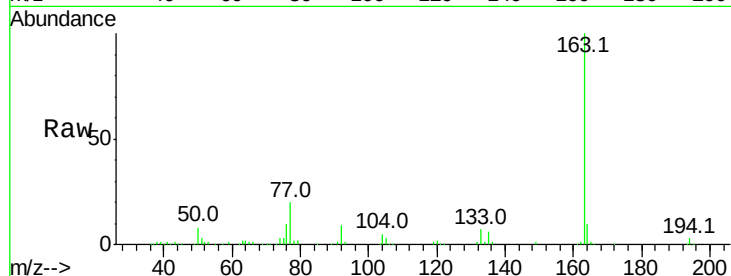
#49
Dimethylphthalate
Concen: 12.485 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	225034		
194	3.3	2.7	4.1	
164	9.9	8.2	12.2	

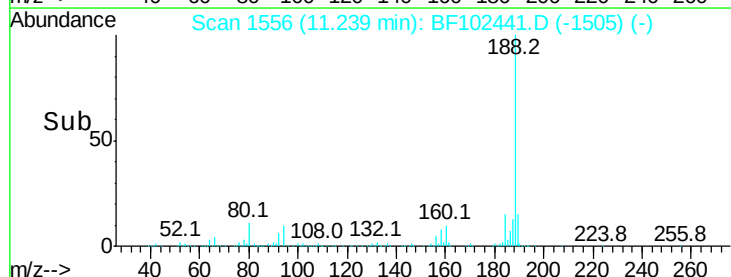
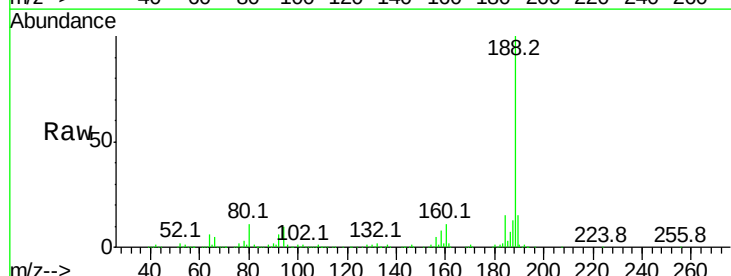
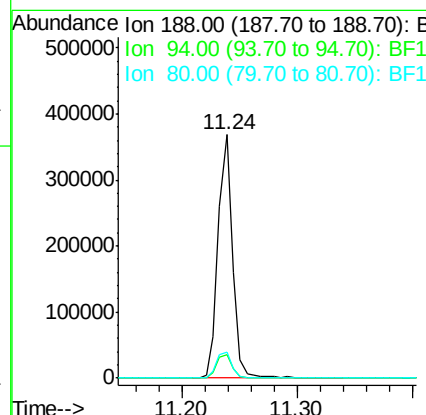
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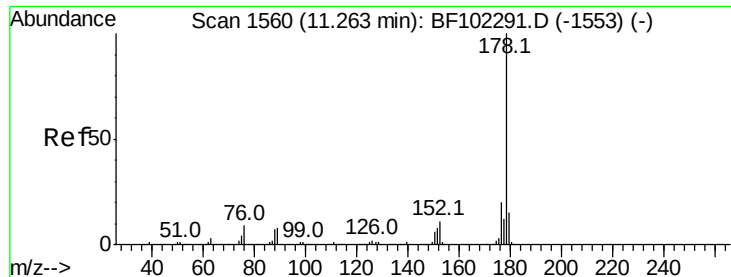
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	320750		
94	9.8	8.5	12.7	
80	10.8	9.2	13.8	





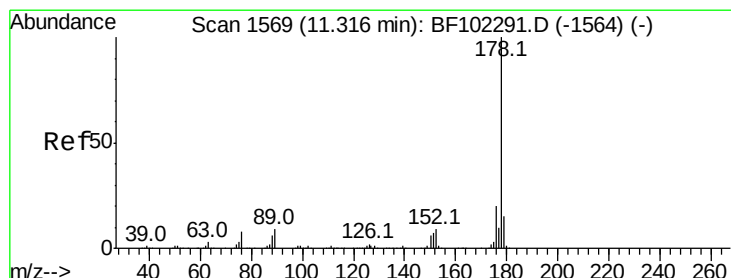
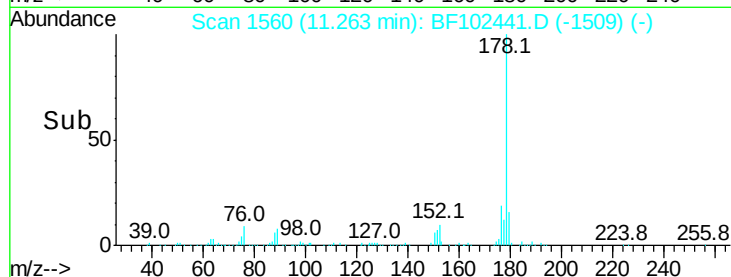
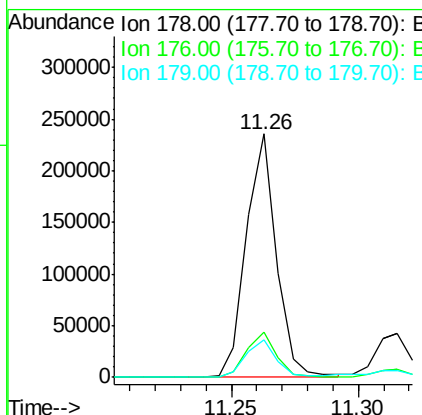
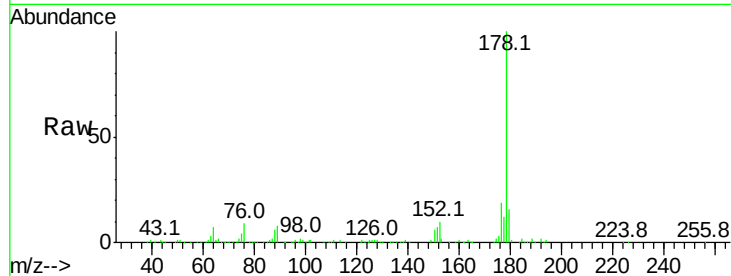
#70
Phenanthrene
Concen: 10.460 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	15.6	13.0	19.6

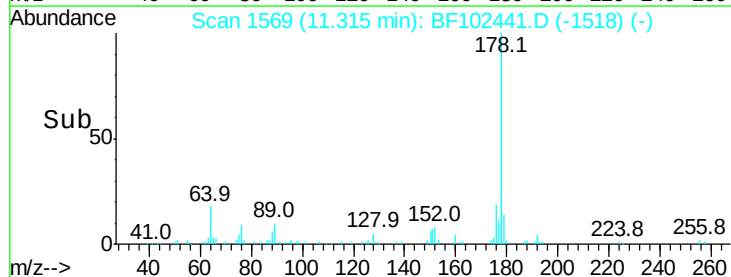
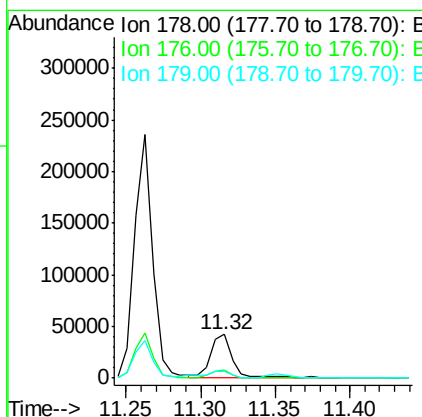
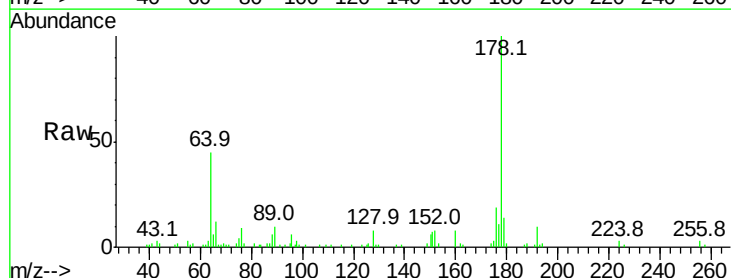
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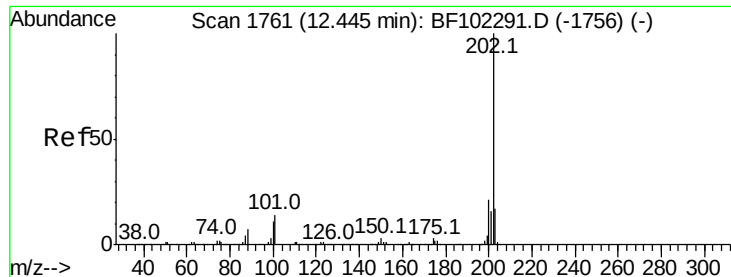
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#71
Anthracene
Concen: 2.233 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	14.2	12.6	19.0





#74

Fluoranthene

Concen: 14.273 ng

RT: 12.45 min Scan# 1762

Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Instrument :

BNA_F

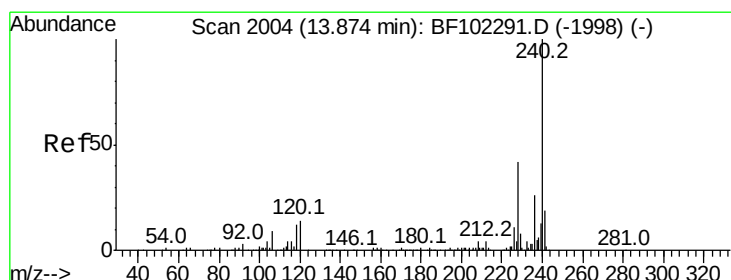
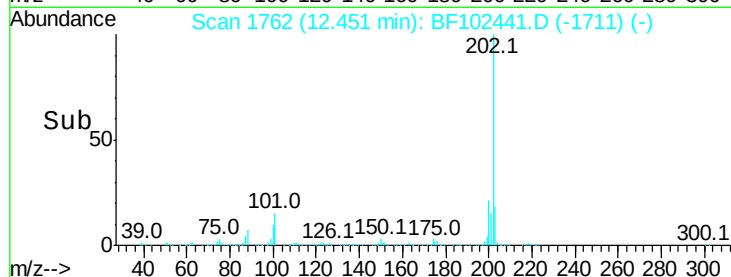
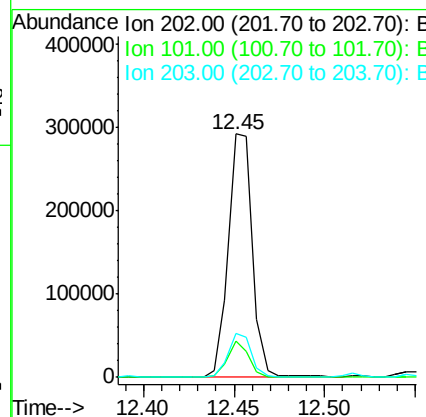
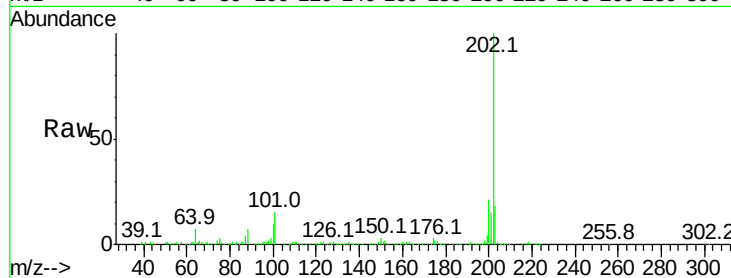
ClientSampleId :

SB-11-9.5-10.0

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	14.8	0.0	34.1
203	17.9	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

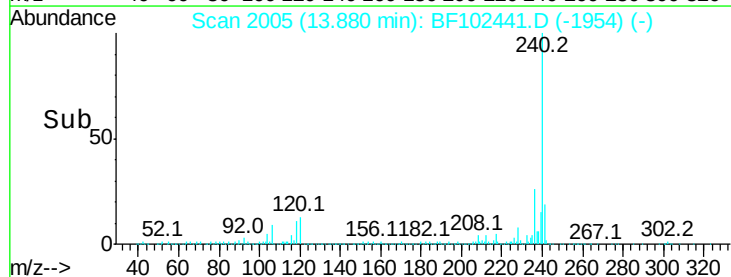
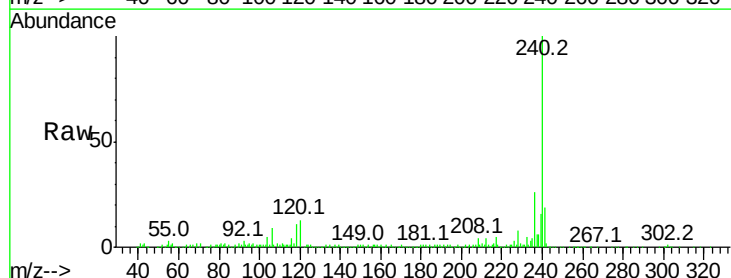
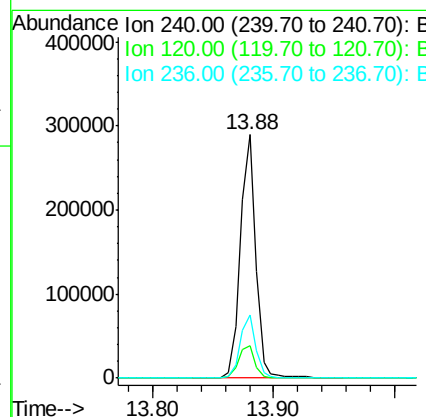
RT: 13.88 min Scan# 2005

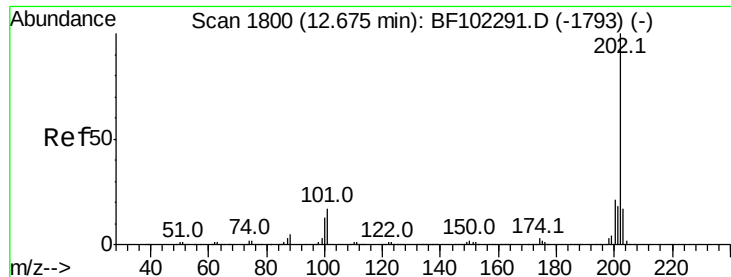
Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.9	20.7	31.1





#77

Pvrene

Concen: 11.586 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Instrument :

BNA_F

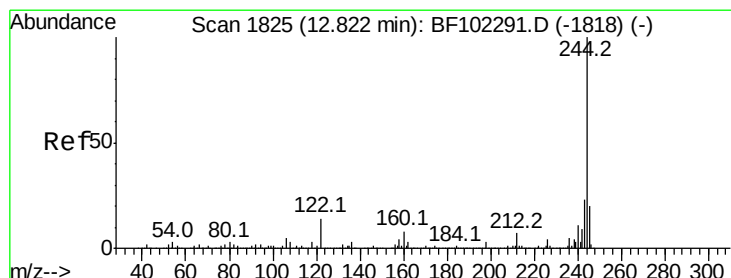
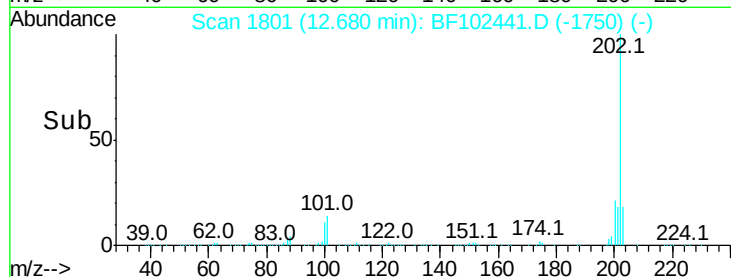
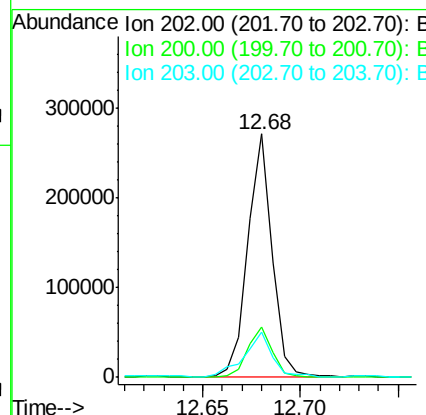
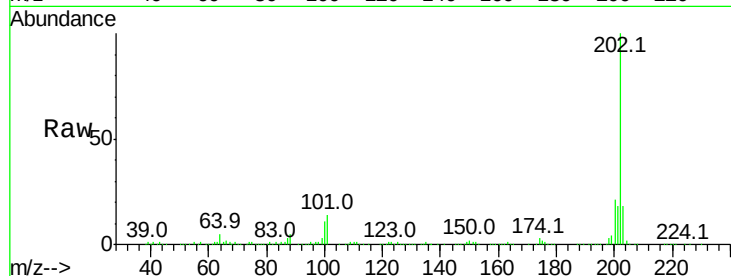
ClientSampleId :

SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 72.155 ng

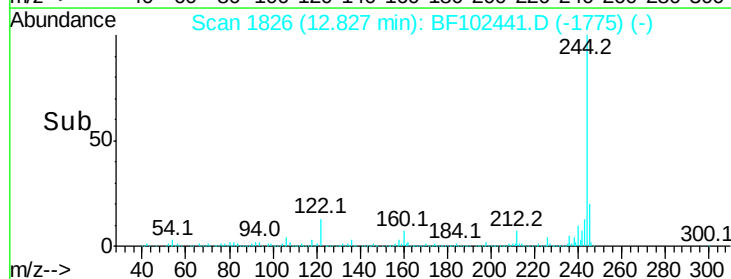
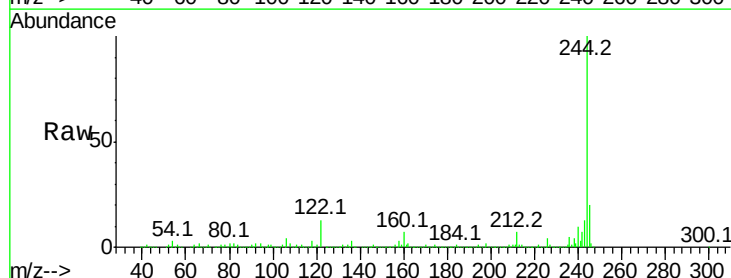
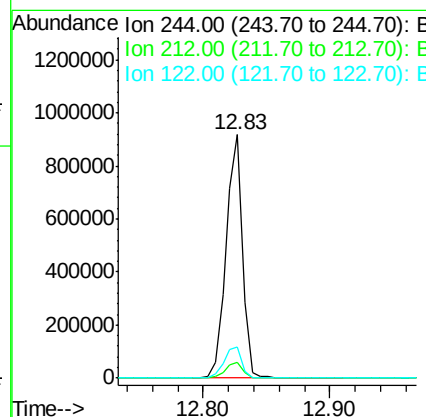
RT: 12.83 min Scan# 1826

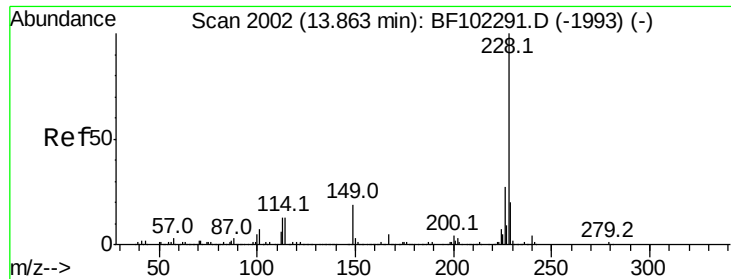
Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.9	11.0	16.4





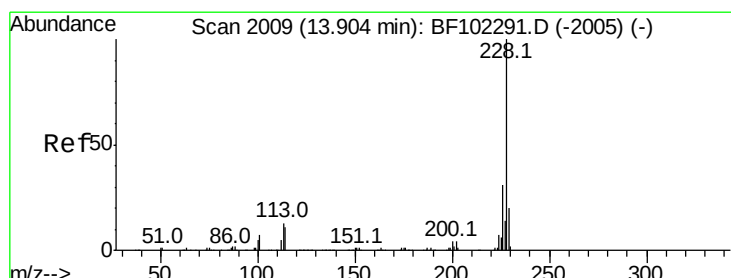
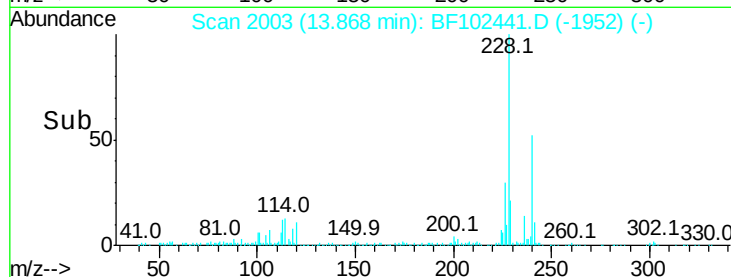
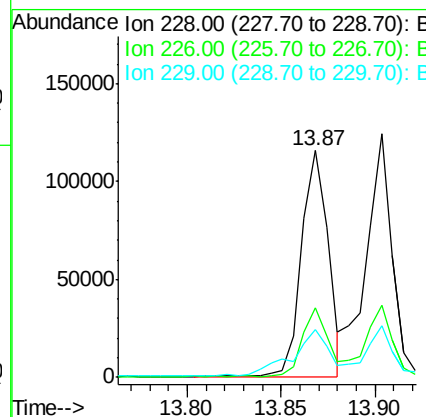
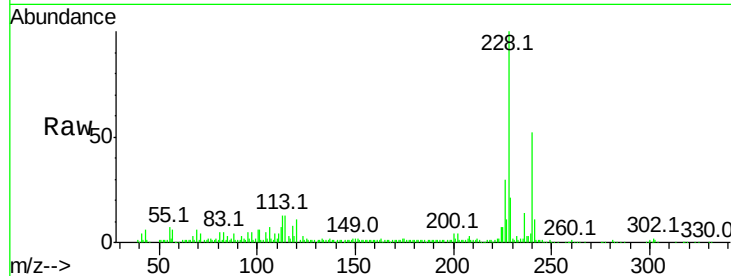
#80
Benzo(a)anthracene
Concen: 7.177 ng m
RT: 13.87 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	21.2	15.8	23.6

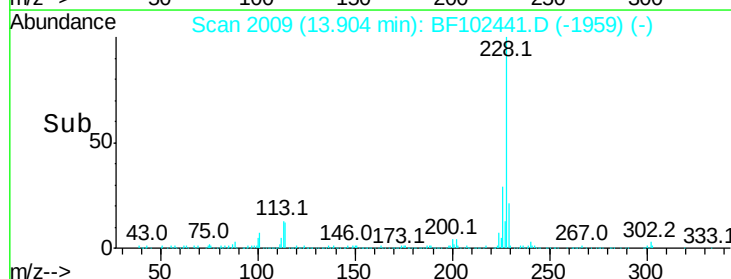
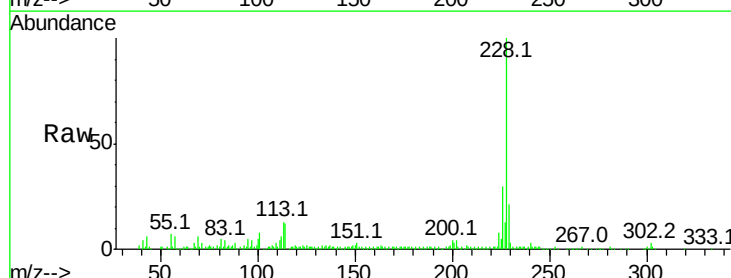
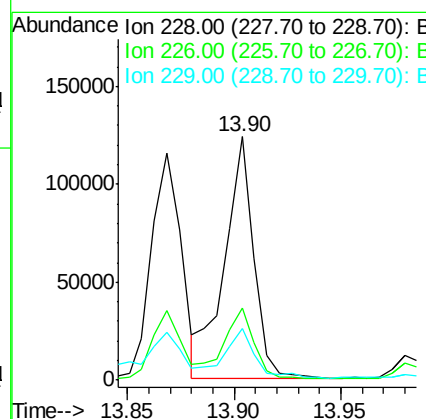
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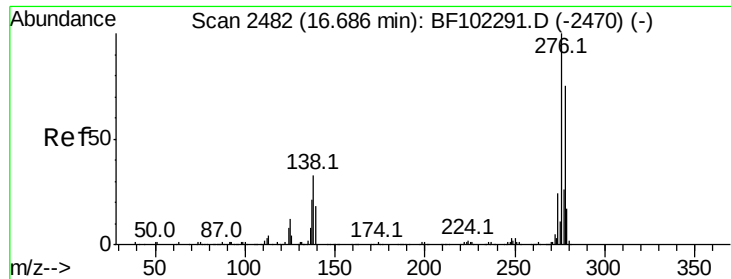
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#82
Chrysene
Concen: 7.371 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	21.3	16.2	24.4





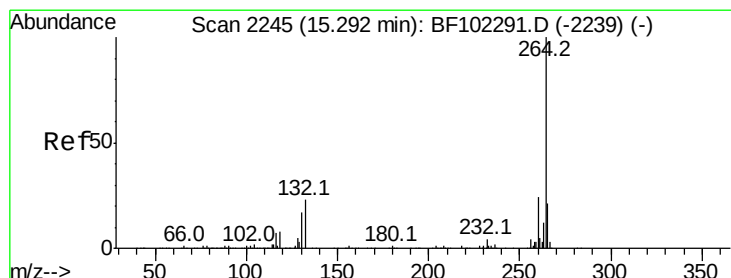
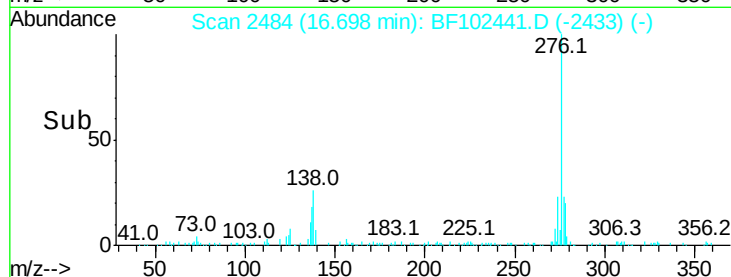
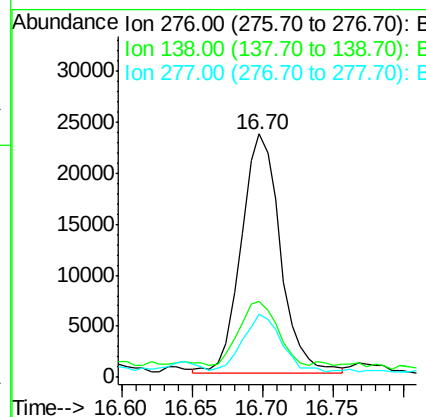
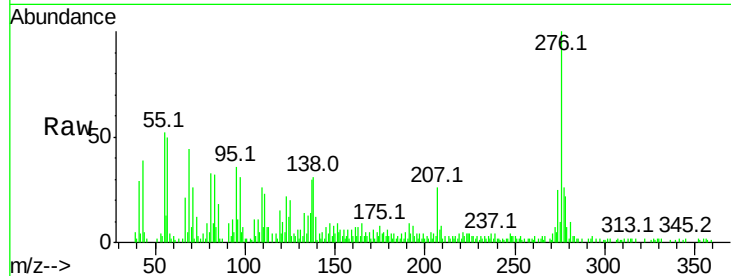
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.401 ng
RT: 16.70 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.0	37.6
277	24.7	20.1	30.1

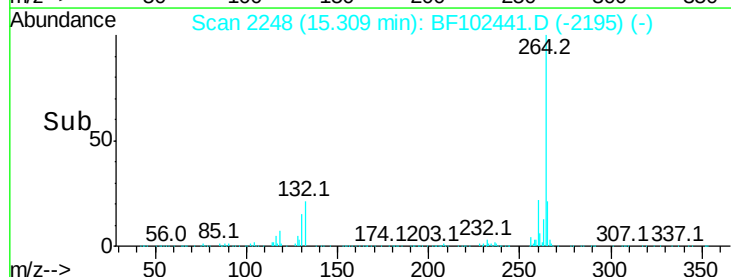
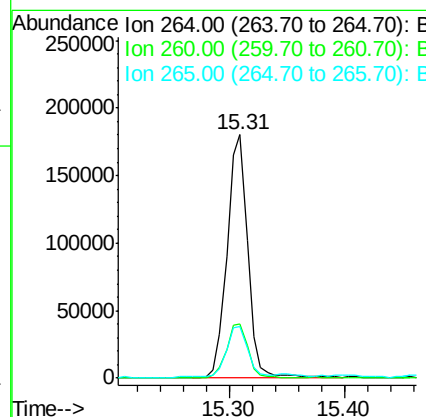
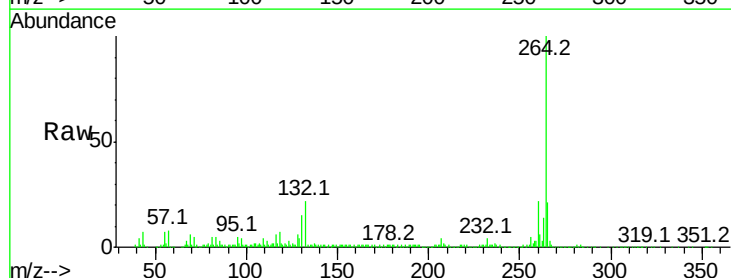
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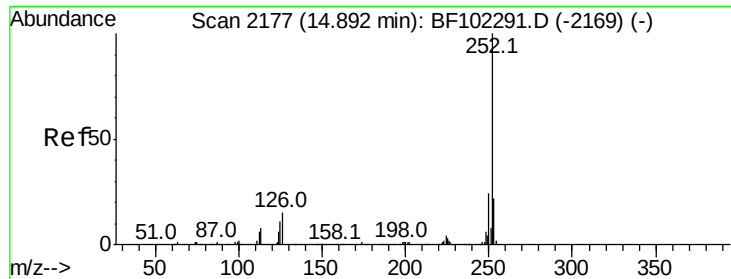
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.4	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 9.783 ng m

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

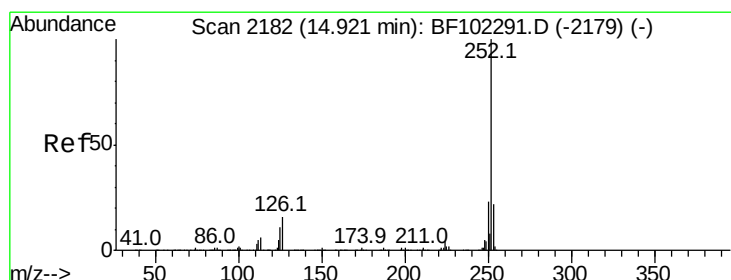
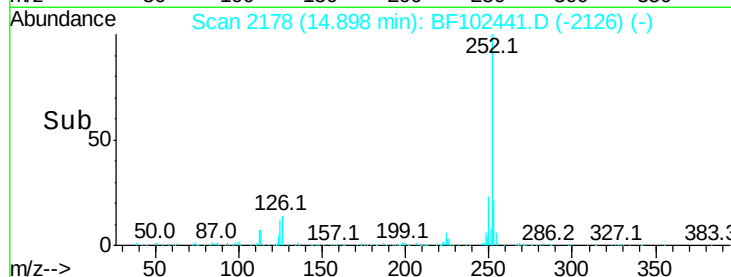
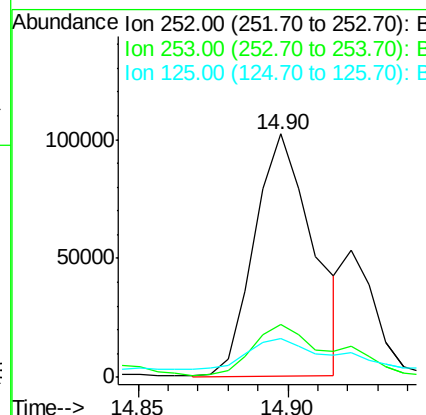
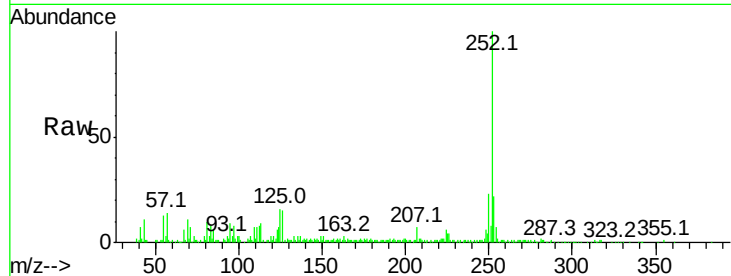
Instrument :
BNA_F

ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	16.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 3.021 ng m

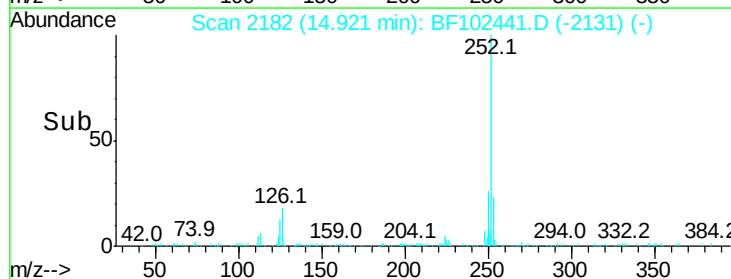
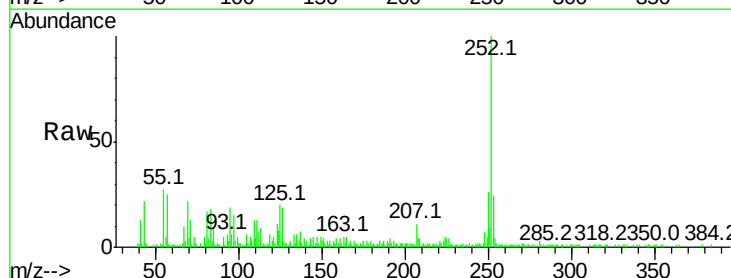
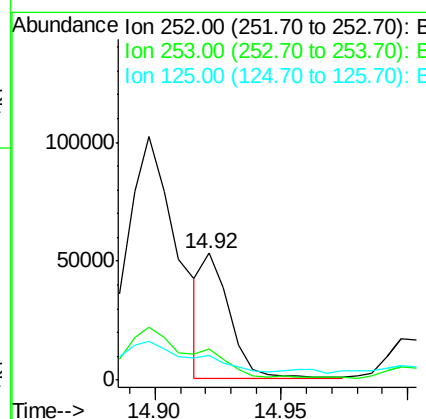
RT: 14.92 min Scan# 2182

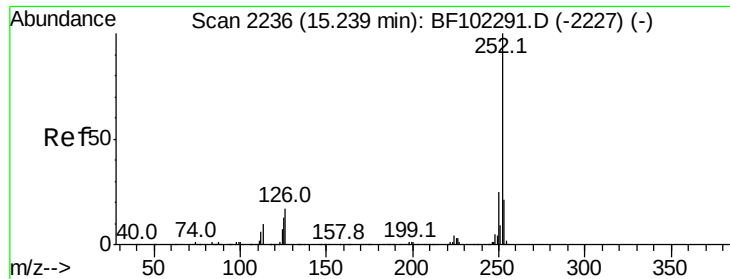
Delta R.T. -0.00 min

Lab File: BF102441.D

Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	19.9	10.2	15.2





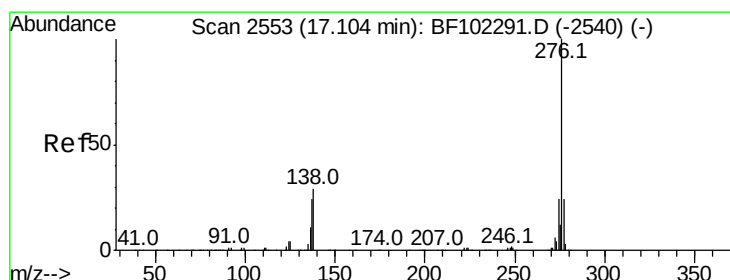
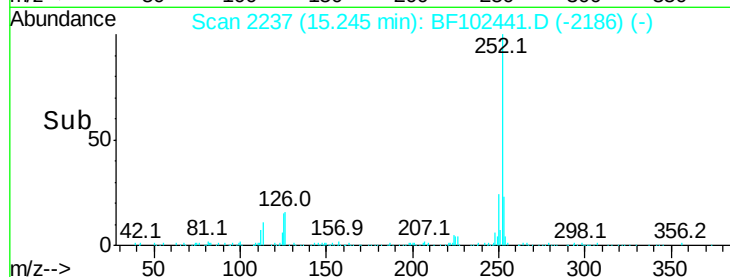
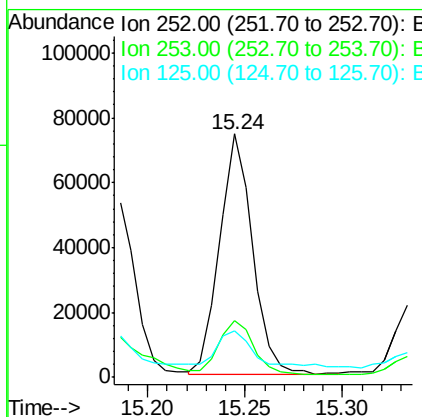
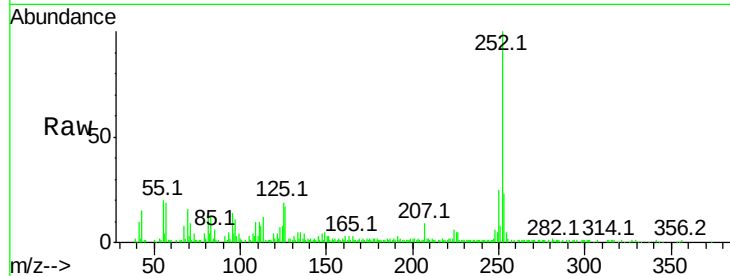
#89
Benzo(a)pyrene
Concen: 6.812 ng
RT: 15.24 min Scan# 2237
Delta R.T. -0.00 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Instrument :
BNA_F
ClientSampleId :
SB-11-9.5-10.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	19.0	9.8	14.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.802 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF102441.D
Acq: 25 Jan 2018 23:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	17.9	26.9
138	33.0	21.8	32.8

