

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012718\
 Data File : BF102526.D
 Acq On : 27 Jan 2018 22:30
 Operator : SJ/JU
 Sample : J1290-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-58-9.5-10.0

Manual Integrations
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 1/29/2018 5:44:45 PM

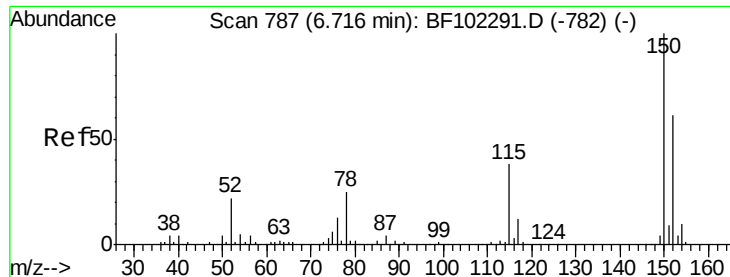
Quant Time: Jan 29 12:03:00 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169619	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	672149	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	264299	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	364521	20.00	ng	0.00
75) Chrysene-d12	13.88	240	289426	20.00	ng	0.00
86) Perylene-d12	15.31	264	201231	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1172329	104.80	ng	0.01
7) Phenol-d6	6.37	99	1397702	103.64	ng	0.00
23) Nitrobenzene-d5	7.29	82	859360	73.47	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	212202	81.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1332808	74.15	ng	0.00
78) Terphenyl-d14	12.82	244	859256	66.93	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	64968	4.413	ng	86
49) Dimethylphthalate	9.47	163	169963	7.780	ng	99
70) Phenanthrene	11.26	178	54963	2.588	ng	99
74) Fluoranthene	12.45	202	86535	3.995	ng	97
77) Pyrene	12.68	202	76640	3.425	ng	100
80) Benzo(a)anthracene	13.87	228	36585	2.053	ng	93
82) Chrysene	13.90	228	37794m	2.089	ng	
87) Benzo(b)fluoranthene	14.90	252	39193m	3.005	ng	

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



#1

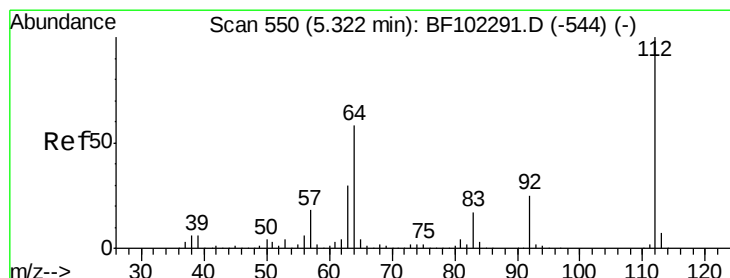
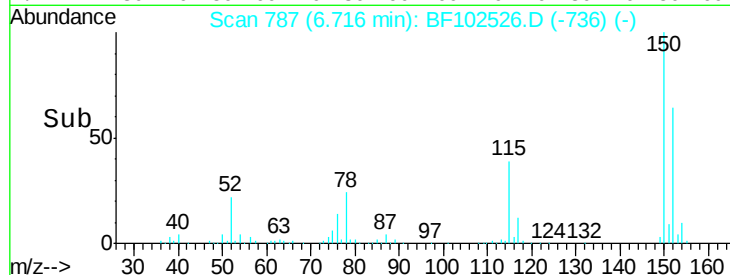
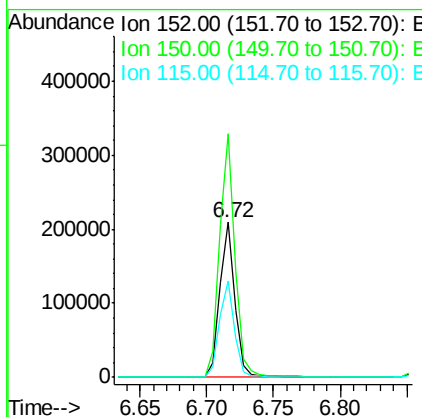
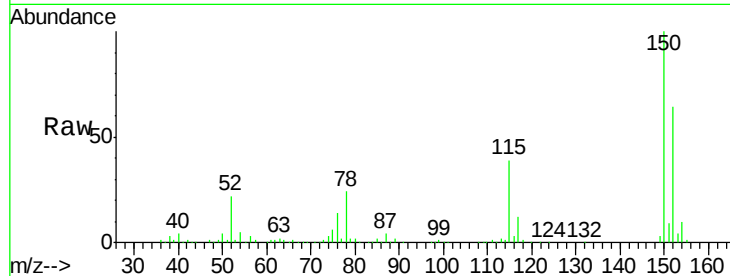
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Instrument :
BNA_F
ClientSampleId :
SB-58-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	186.8
115	61.8	50.1	75.1

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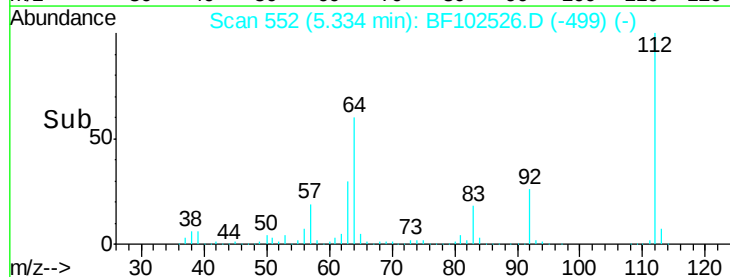
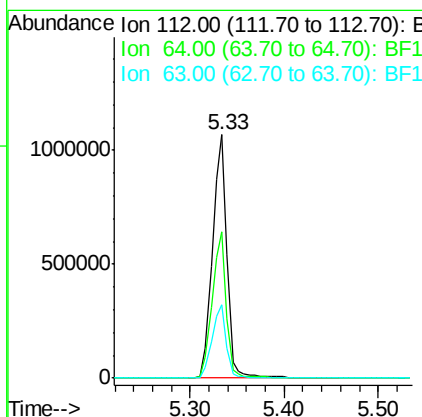
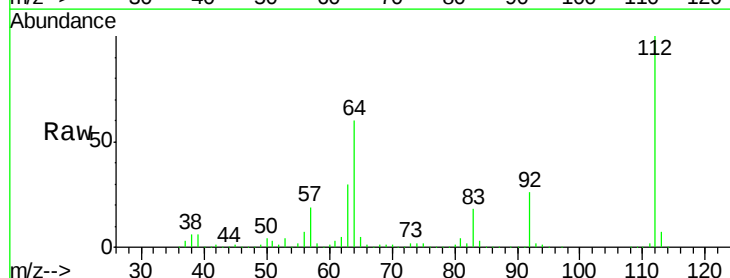
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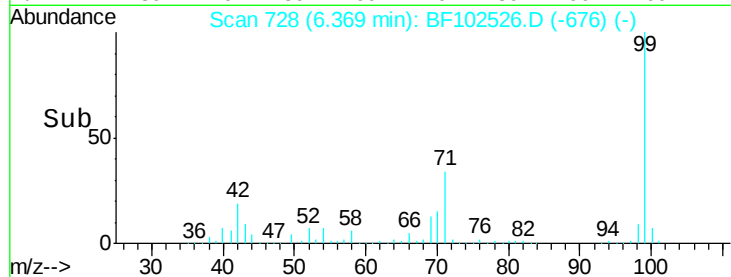
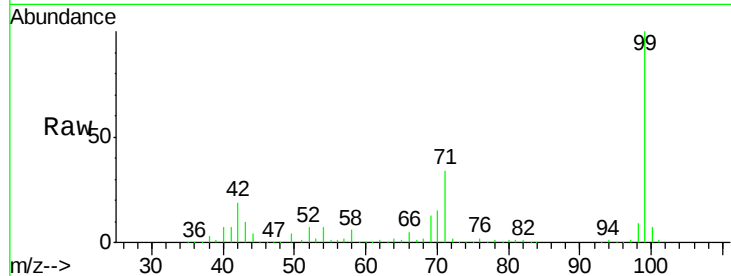
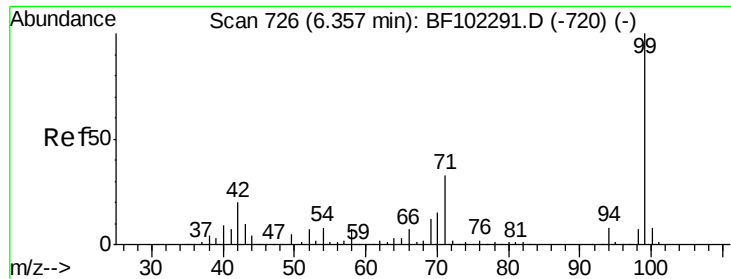


#5

2-Fluorophenol
Concen: 104.797 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.3	23.7	35.5





#7

Phenol-d6

Concen: 103.637 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Tgt Ion:	99	Resp:	1397702
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	33.6	25.4	38.0

Instrument :

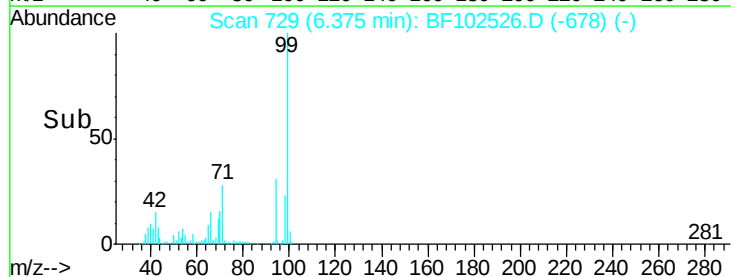
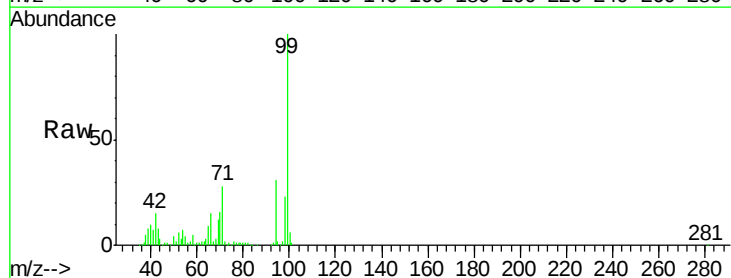
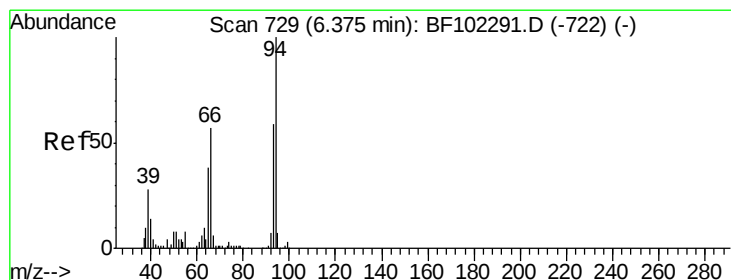
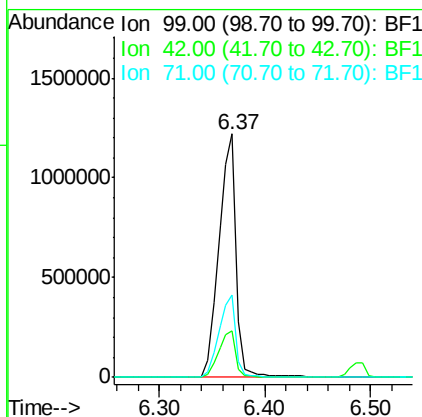
BNA_F

ClientSampleId :

SB-58-9.5-10.0

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#10

Phenol

Concen: 4.413 ng

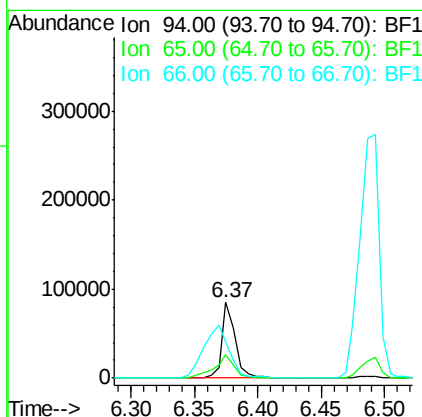
RT: 6.37 min Scan# 729

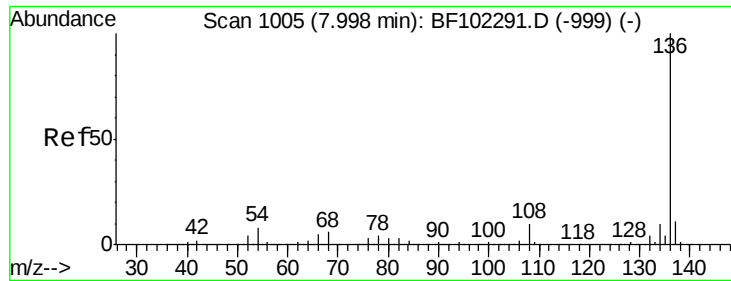
Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Tgt Ion:	94	Resp:	64968
Ion	Ratio	Lower	Upper
94	100		
65	30.9	7.9	47.9
66	48.3	16.2	56.2





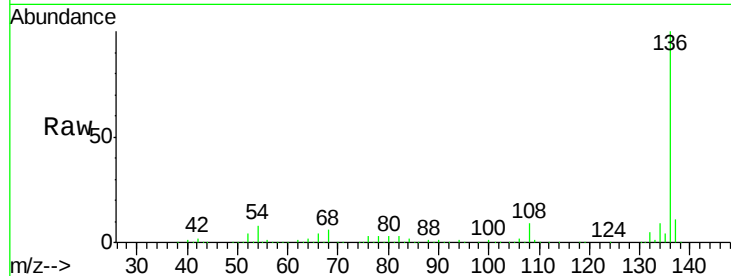
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Instrument :
BNA_F
ClientSampleId :
SB-58-9.5-10.0

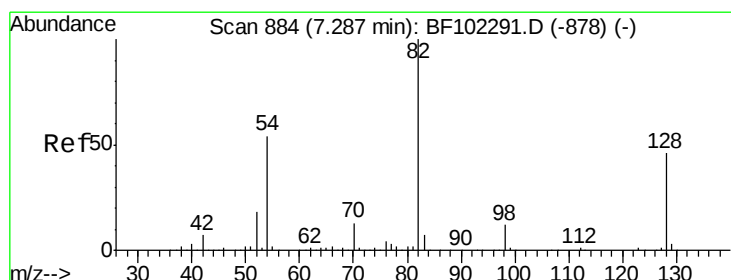
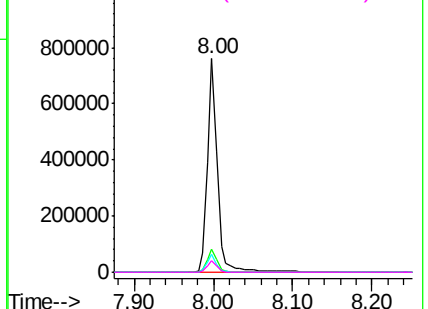
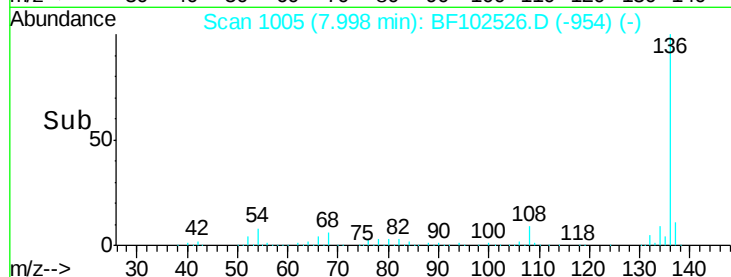
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	672149		
137	10.9	8.9	13.3	
54	8.2	6.6	9.8	
68	5.6	5.0	7.4	

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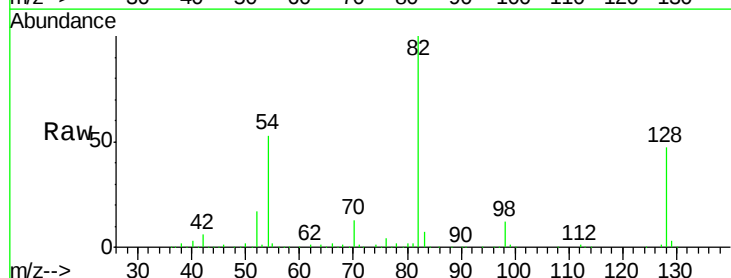


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

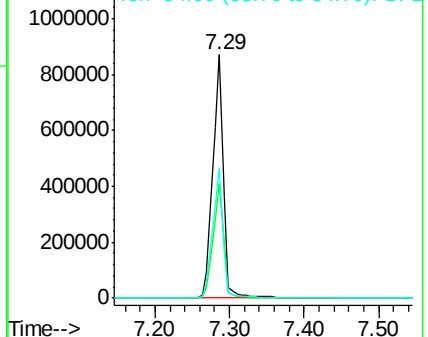
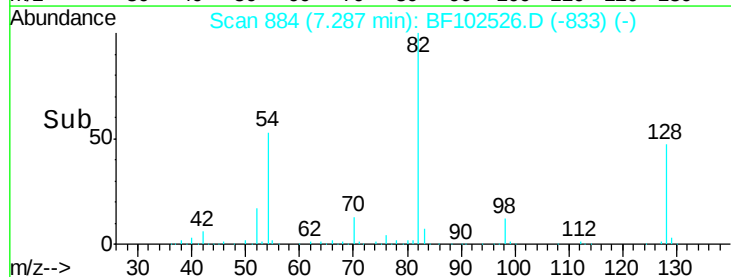


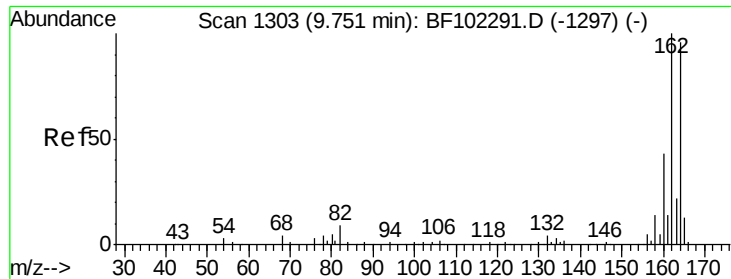
#23
Nitrobenzene-d5
Concen: 73.473 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	859360		
128	46.9	36.1	54.1	
54	53.0	41.4	62.2	



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF102526.D

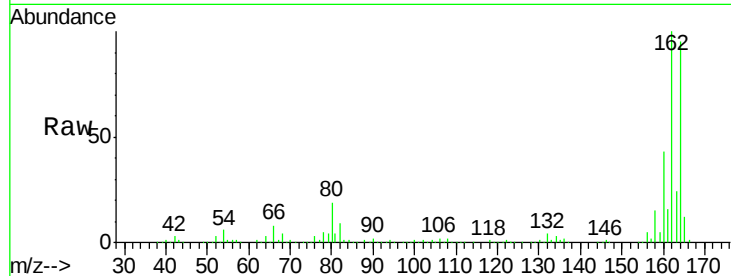
Acq: 27 Jan 2018 22:30

Instrument :

BNA_F

ClientSampleId :

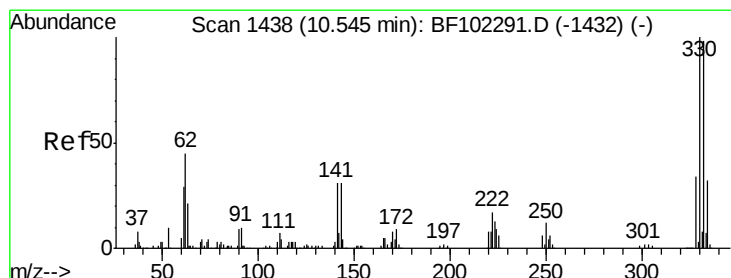
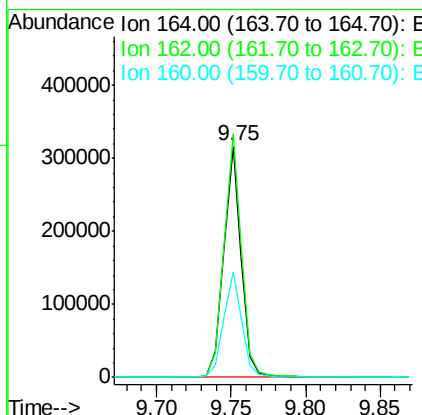
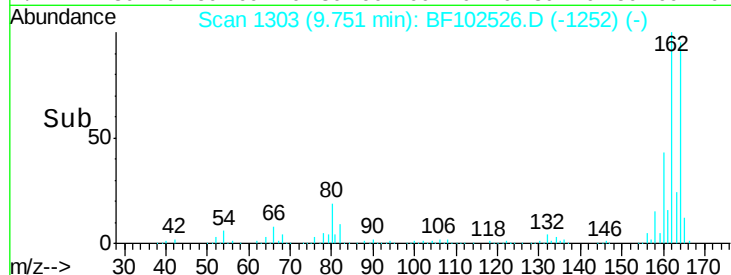
SB-58-9.5-10.0



Tgt Ion:	164	Resp:	264299
Ion Ratio	Lower	Upper	
164	100		
162	105.3	86.1	129.1
160	45.6	38.3	57.5

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#41

2,4,6-Tribromophenol

Concen: 81.030 ng

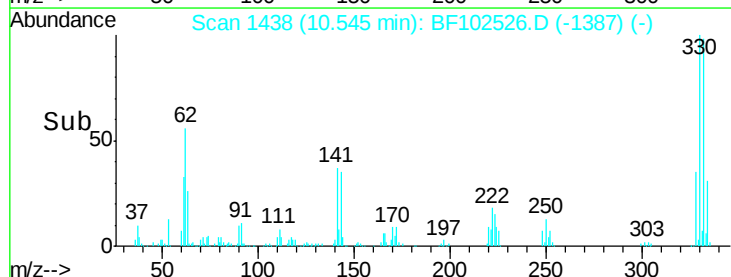
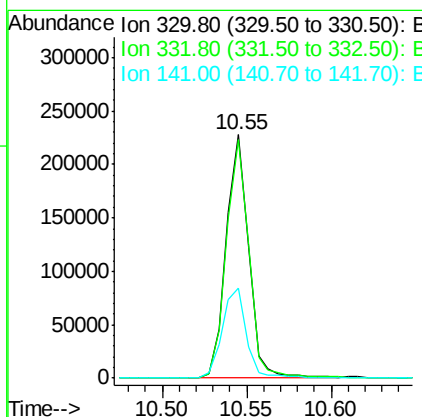
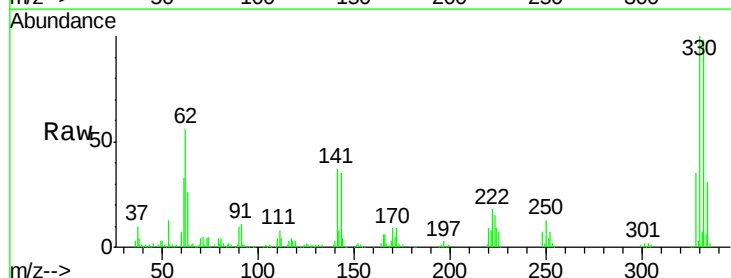
RT: 10.55 min Scan# 1438

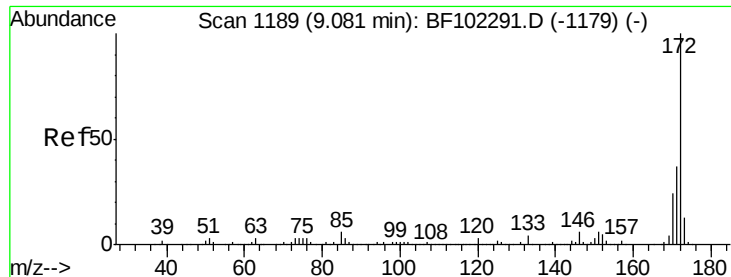
Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Tgt Ion:	330	Resp:	212202
Ion Ratio	Lower	Upper	
330	100		
332	98.5	77.0	115.6
141	39.4	29.9	44.9





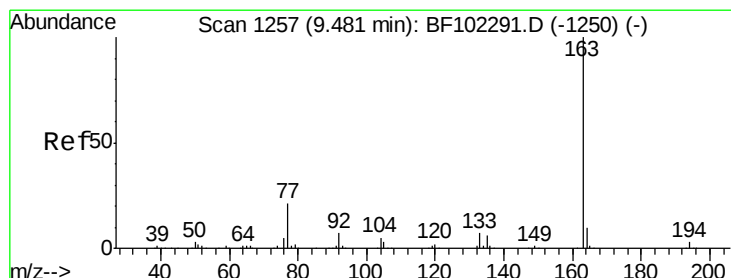
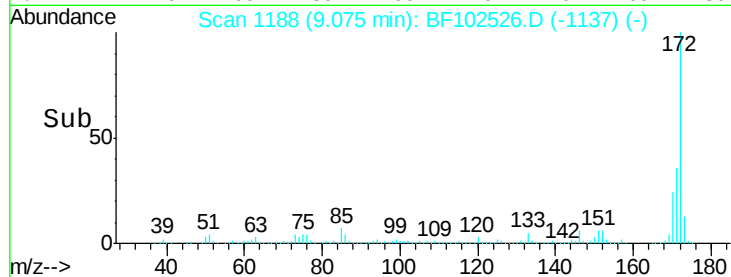
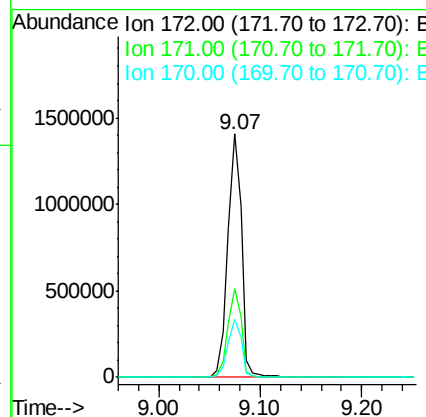
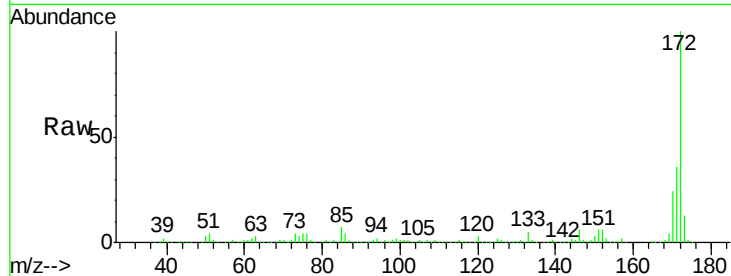
#44
 2-Fluorobiphenyl
 Concen: 74.147 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF102526.D
 Acq: 27 Jan 2018 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-58-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.0	19.6	29.4

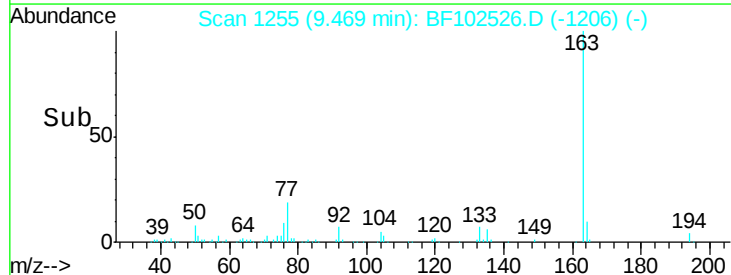
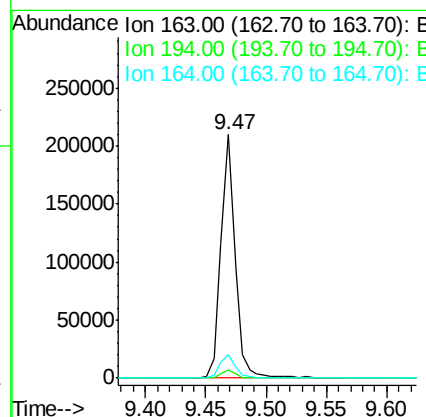
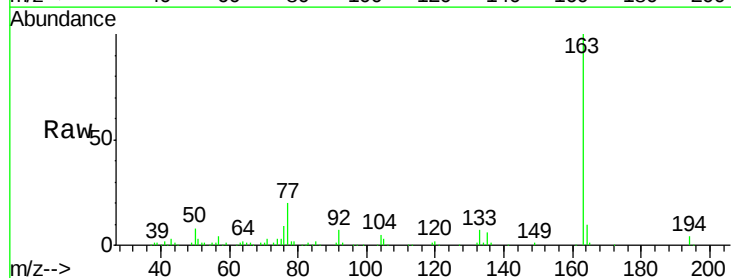
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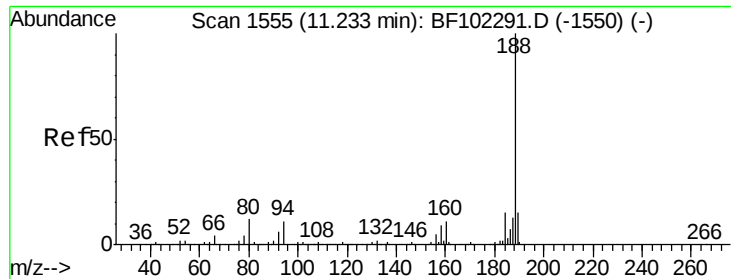
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#49
 Dimethylphthalate
 Concen: 7.780 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF102526.D
 Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.6	8.2	12.2





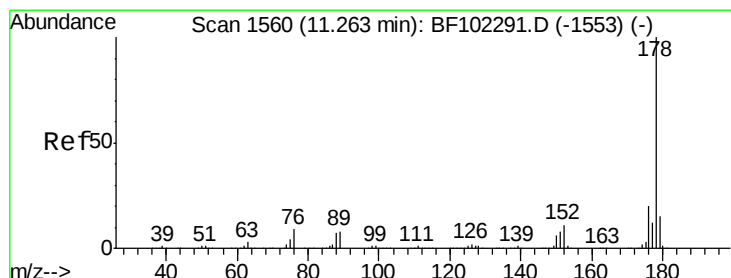
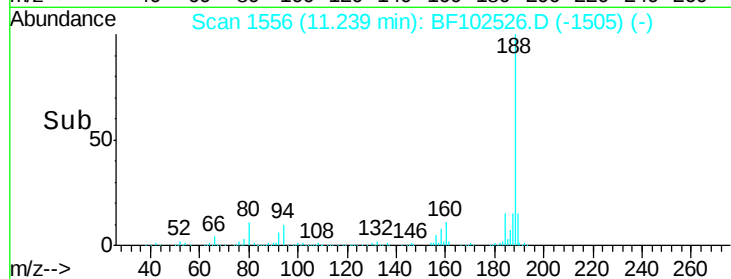
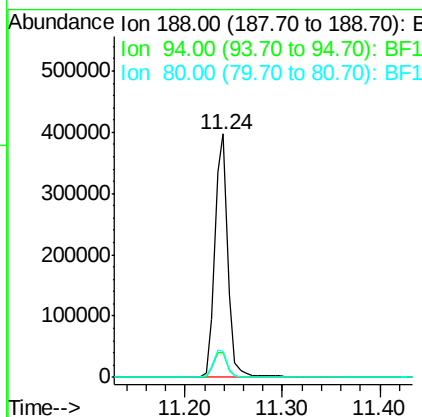
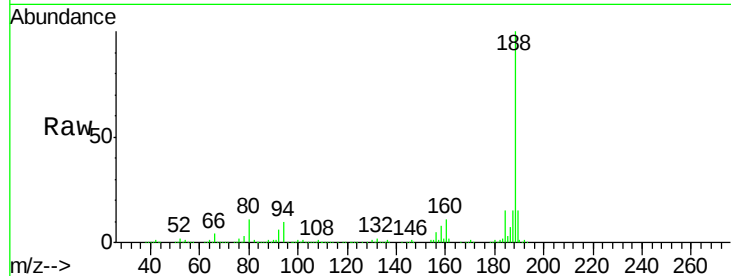
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Instrument :
BNA_F
ClientSampleId :
SB-58-9.5-10.0

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.1	8.5	12.7
80	10.5	9.2	13.8

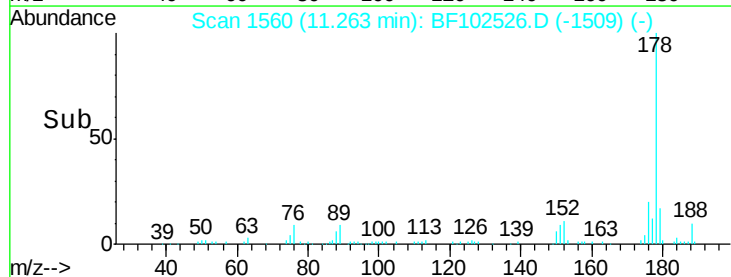
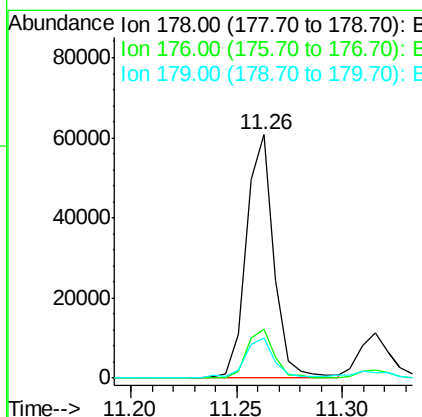
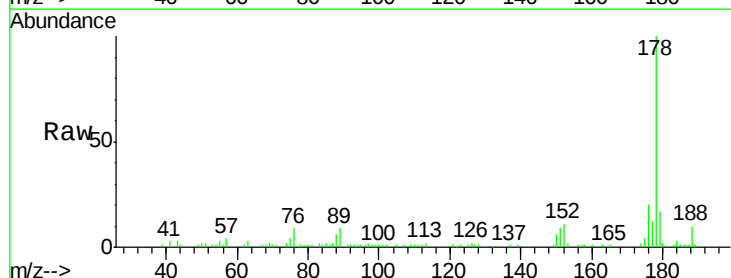
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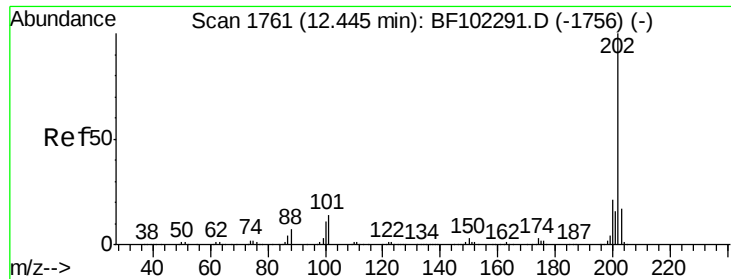
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#70
Phenanthrene
Concen: 2.588 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	20.4	15.8	23.8
179	16.6	13.0	19.6





#74

Fluoranthene

Concen: 3.995 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Instrument :

BNA_F

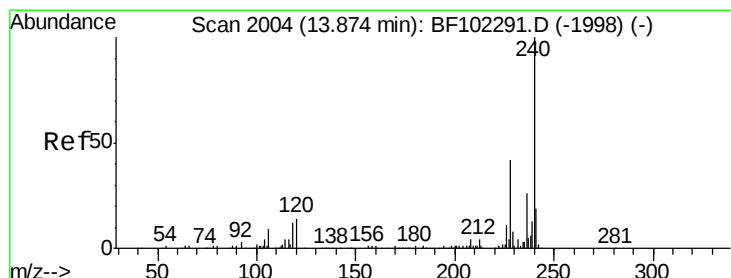
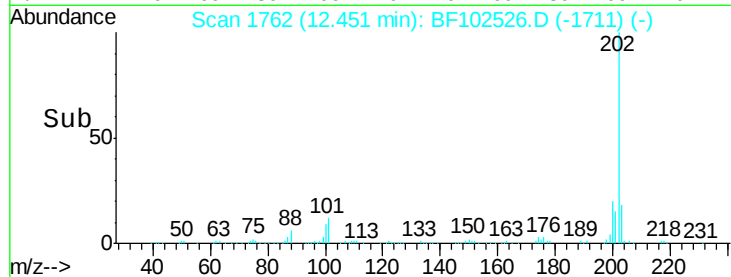
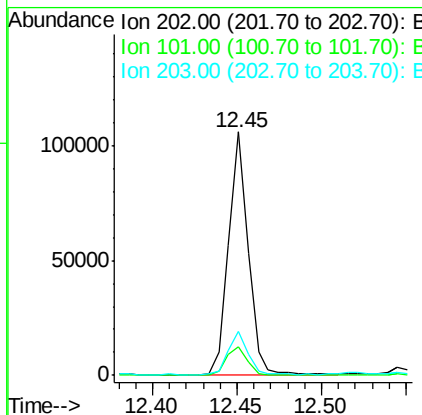
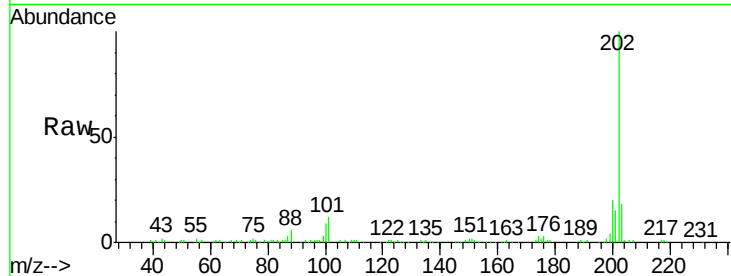
ClientSampleId :

SB-58-9.5-10.0

Tgt Ion:	202	Resp:	86535
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	34.1
203	18.3	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

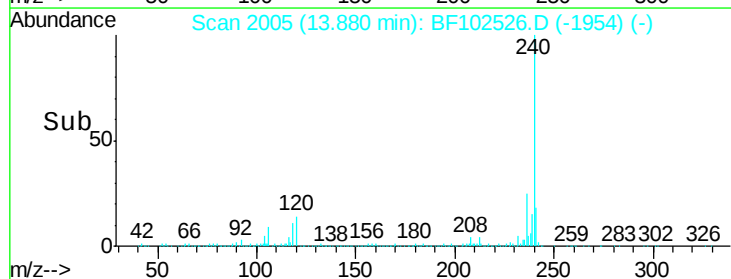
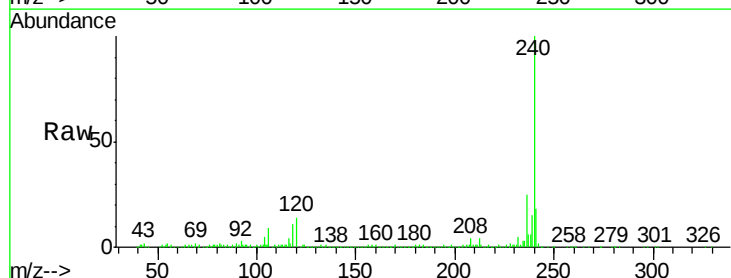
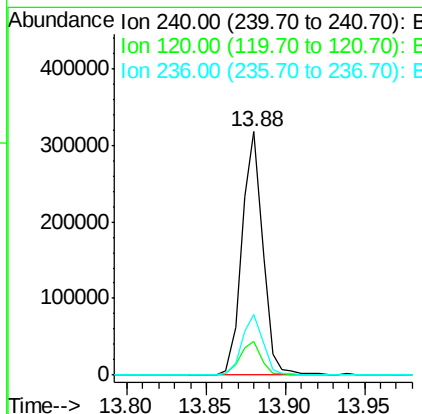
RT: 13.88 min Scan# 2005

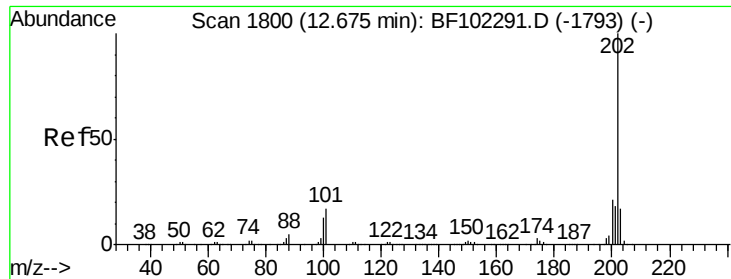
Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Tgt Ion:	240	Resp:	289426
Ion Ratio	Lower	Upper	
240	100		
120	13.7	9.5	14.3
236	25.1	20.7	31.1





#77

Pyrene

Concen: 3.425 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Instrument :

BNA_F

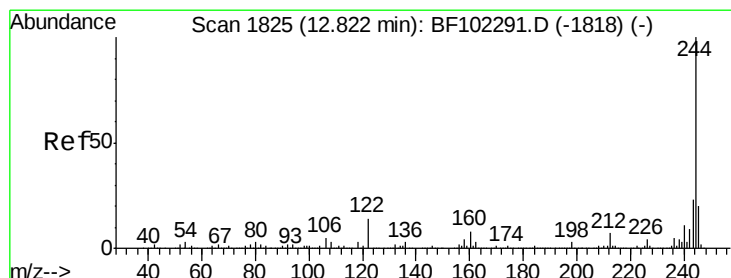
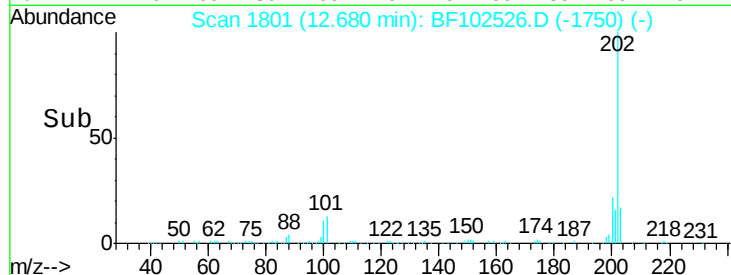
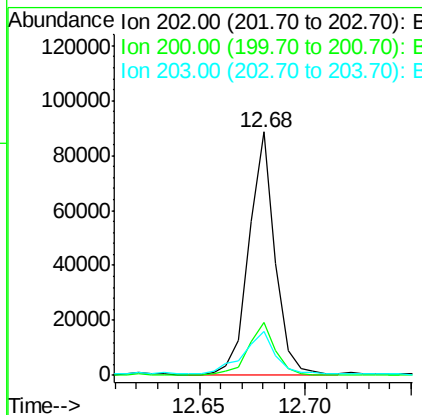
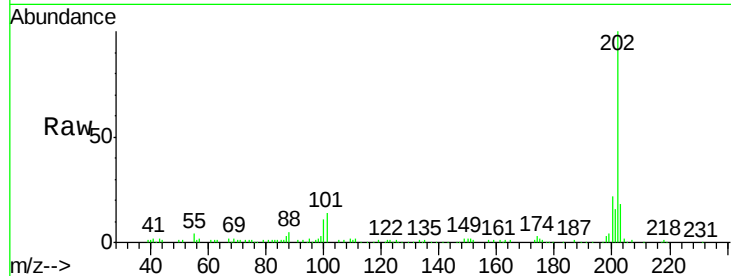
ClientSampleId :

SB-58-9.5-10.0

Tgt Ion:	202	Resp:	76640
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.2
203	17.8	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 66.928 ng

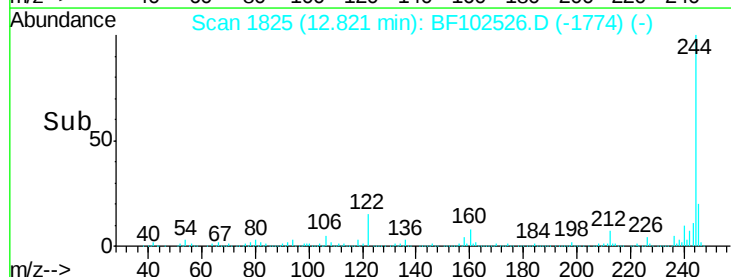
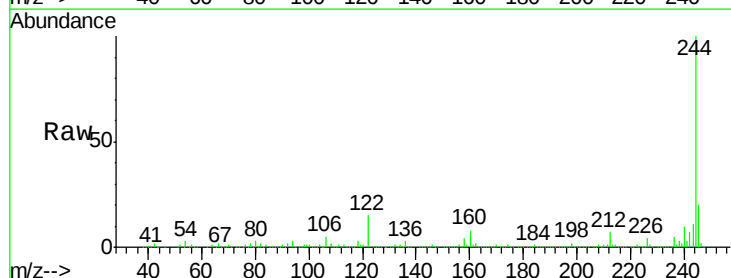
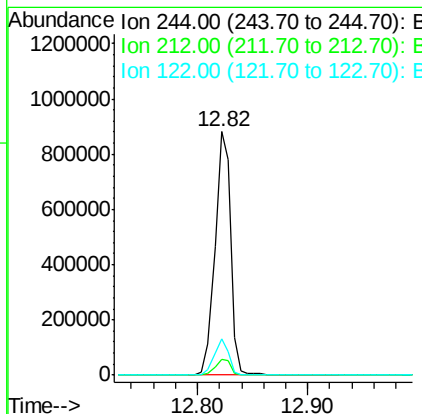
RT: 12.82 min Scan# 1825

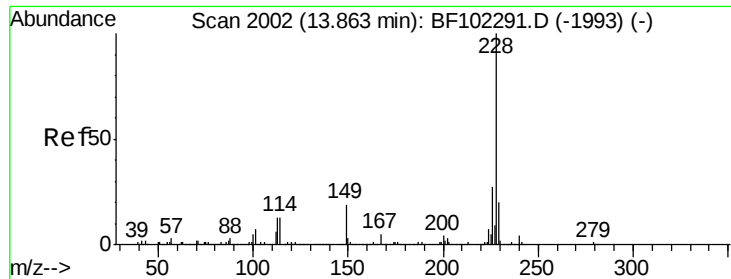
Delta R.T. 0.00 min

Lab File: BF102526.D

Acq: 27 Jan 2018 22:30

Tgt Ion:	244	Resp:	859256
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	14.7	11.0	16.4





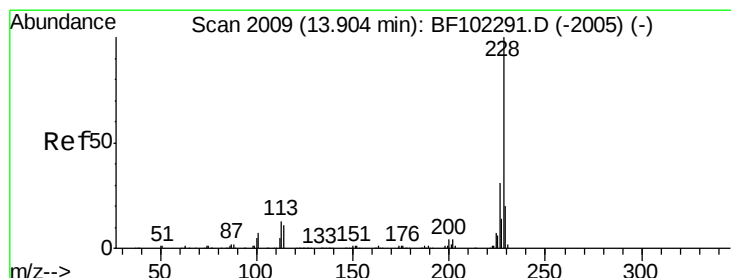
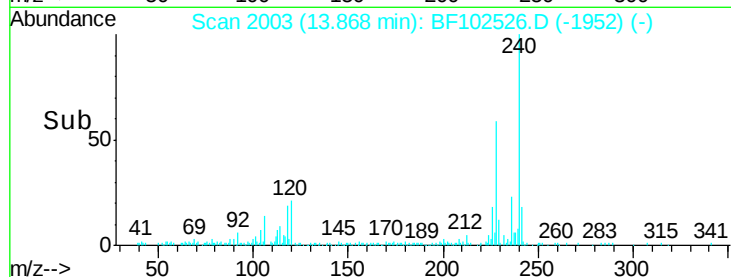
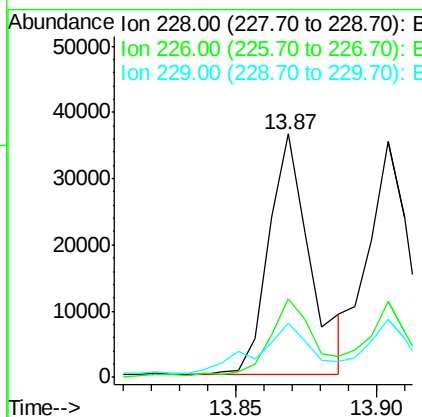
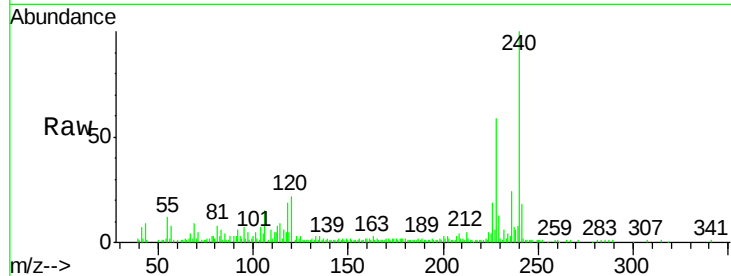
#80
Benzo(a)anthracene
Concen: 2.053 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Instrument :
BNA_F
ClientSampleId :
SB-58-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.6	33.8
229	22.0	15.8	23.6

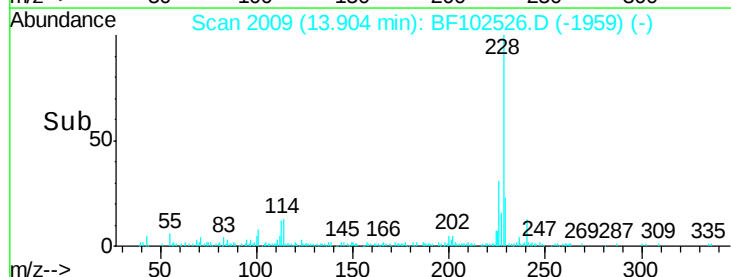
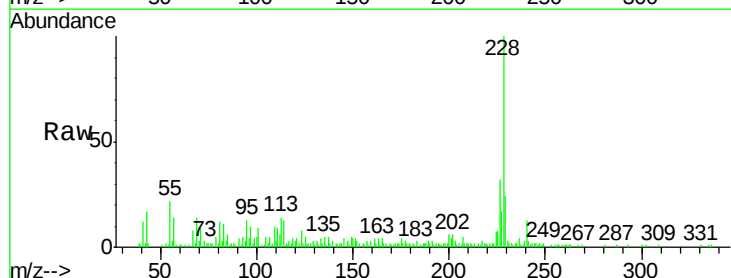
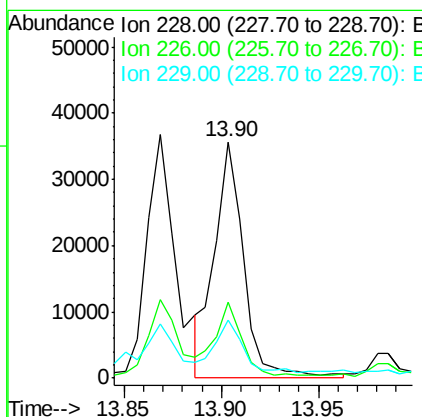
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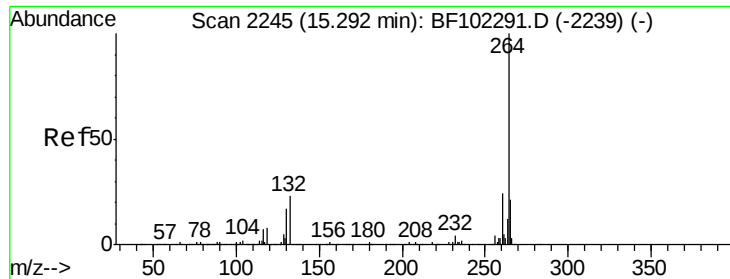
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#82
Chrysene
Concen: 2.089 ng m
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.0	37.6
229	24.5	16.2	24.4#





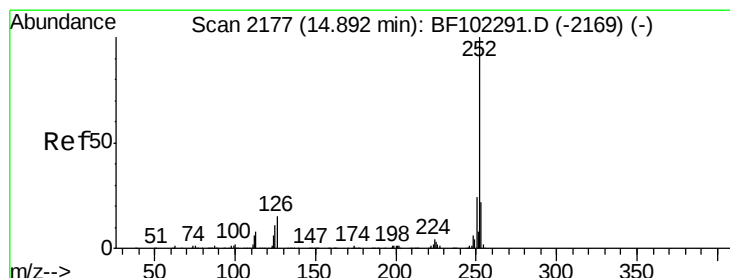
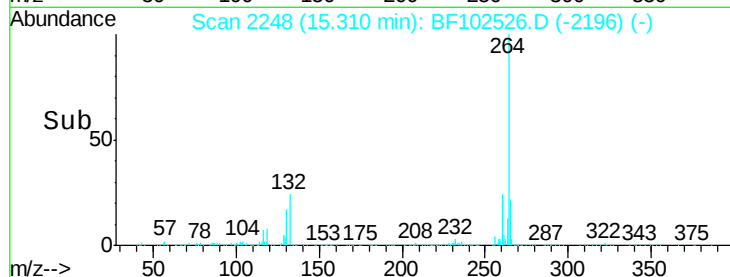
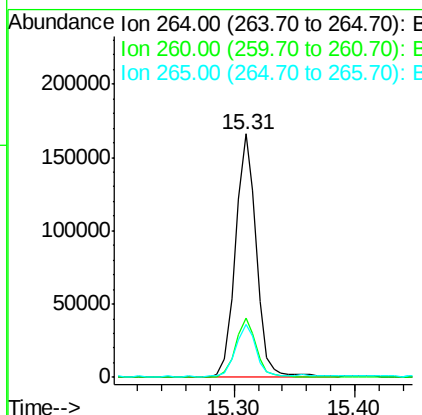
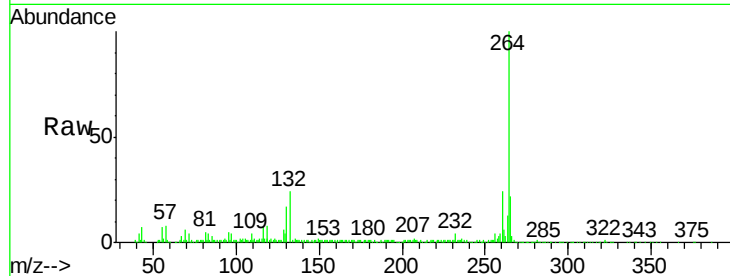
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.01 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Instrument :
BNA_F
ClientSampleId :
SB-58-9.5-10.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 3.005 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102526.D
Acq: 27 Jan 2018 22:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	19.7	9.0	13.6#

