

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102447.D
 Acq On : 26 Jan 2018 1:59
 Operator : SJ/JU
 Sample : J1289-19
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-8.5-9.0

Manual Integrations
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Sohil
 1/26/2018 11:24:54 AM

Quant Time: Jan 26 03:26:27 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	136438	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	527100	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	212632	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	309429	20.00	ng	0.00
75) Chrysene-d12	13.88	240	253342	20.00	ng	0.00
86) Perylene-d12	15.31	264	195191	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	812516	90.30	ng	0.01
7) Phenol-d6	6.36	99	961075	88.59	ng	0.00
23) Nitrobenzene-d5	7.29	82	570152	62.16	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	144151	68.42	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	864756	59.80	ng	0.00
78) Terphenyl-d14	12.82	244	582945	51.87	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.47	163	81777	4.653	ng	98
70) Phenanthrene	11.26	178	84070	4.662	ng	98
74) Fluoranthene	12.45	202	100332	5.457	ng	97
77) Pyrene	12.68	202	92184	4.706	ng	98
80) Benzo(a)anthracene	13.87	228	36384m	2.333	ng	
82) Chrysene	13.90	228	41045m	2.591	ng	
87) Benzo(b)fluoranthene	14.90	252	36157m	2.858	ng	
89) Benzo(a)pyrene	15.25	252	24920	2.184	ng	# 65

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

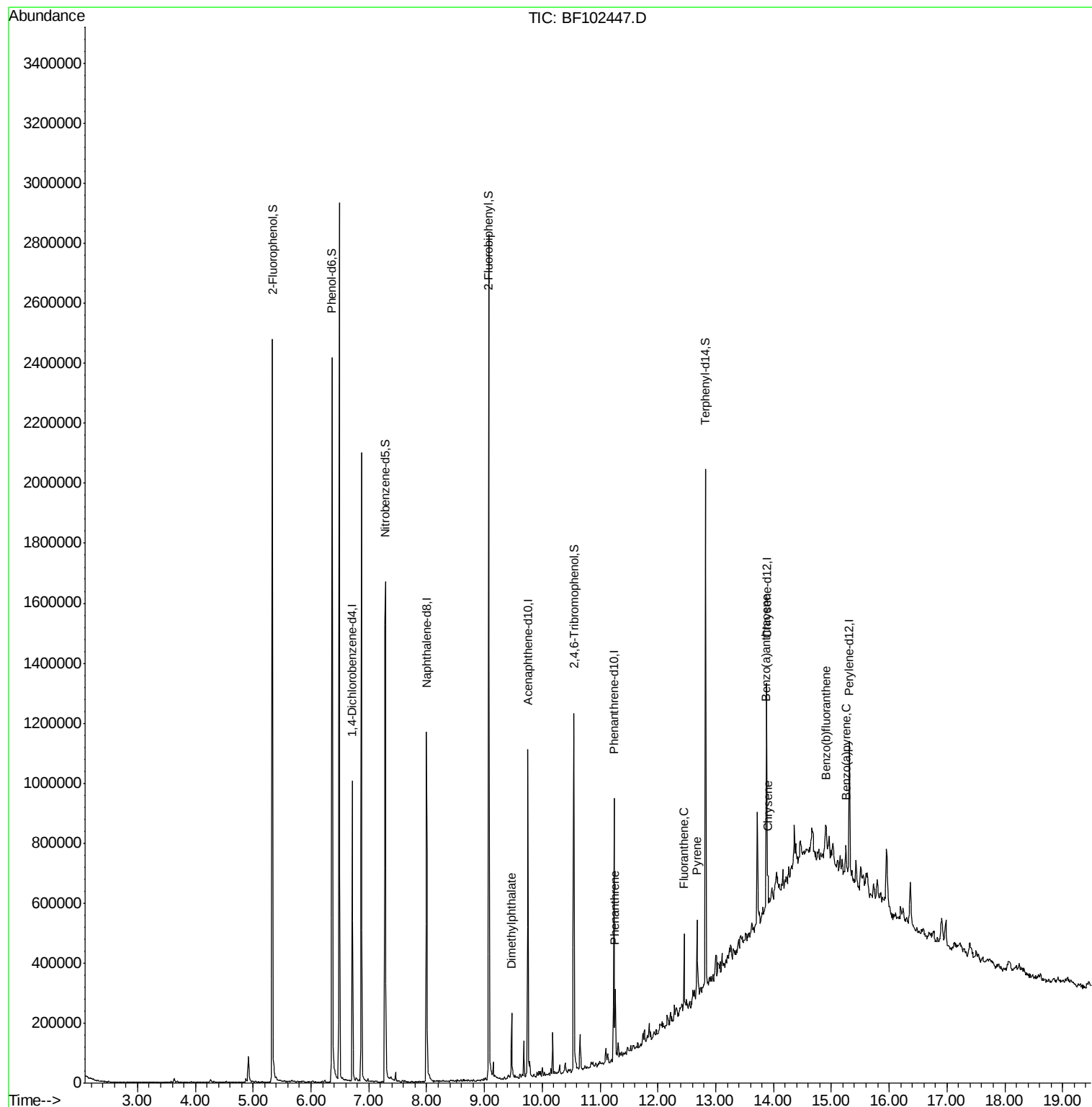
Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
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ALS Vial : 18 Sample Multiplier: 1

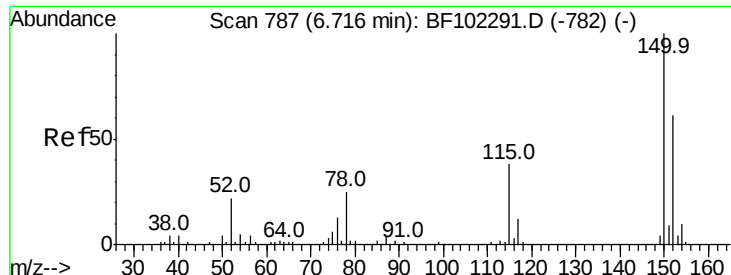
Instrument :
BNA_F
ClientSampleId :
SB-55-8.5-9.0

Manual Integrations
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#1

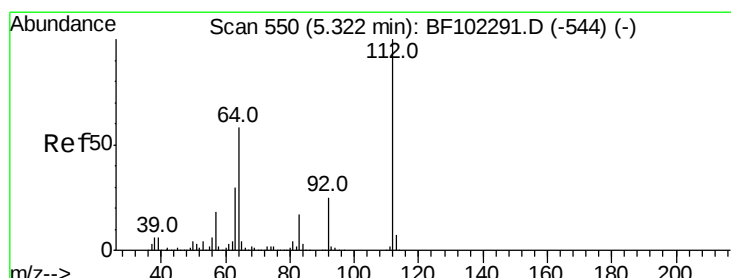
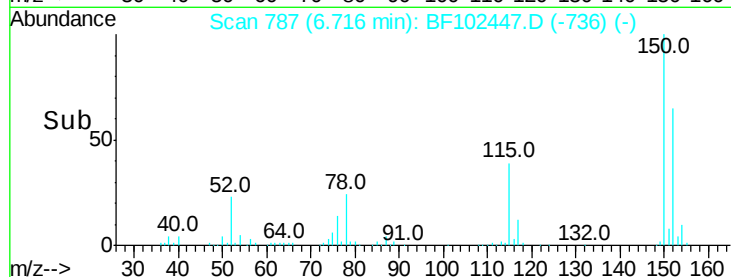
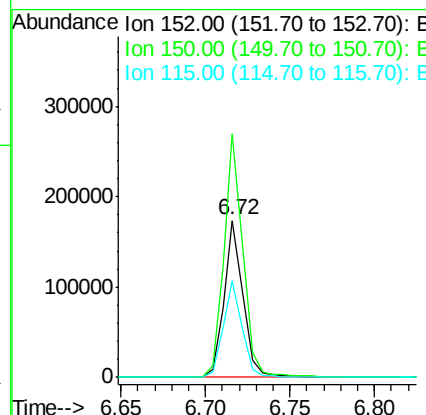
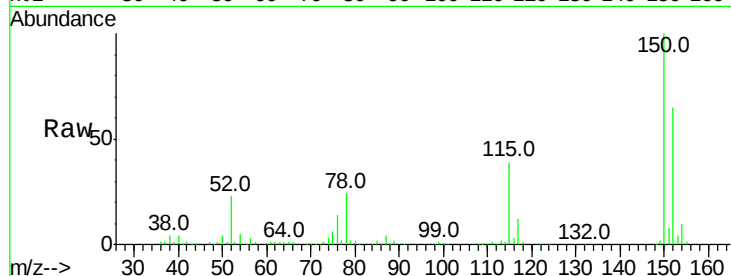
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :
SB-55-8.5-9.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.6	186.8
115	61.1	50.1	75.1

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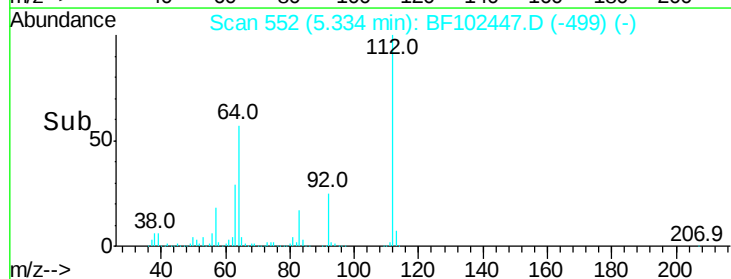
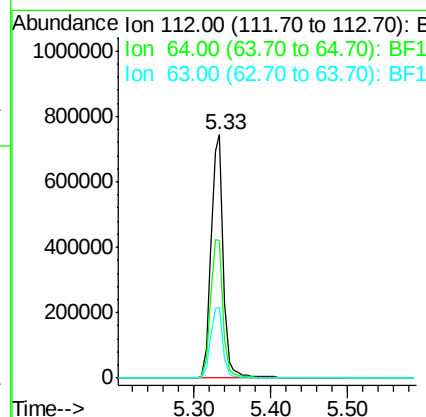
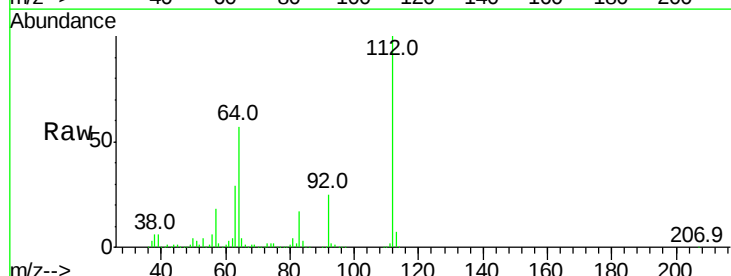
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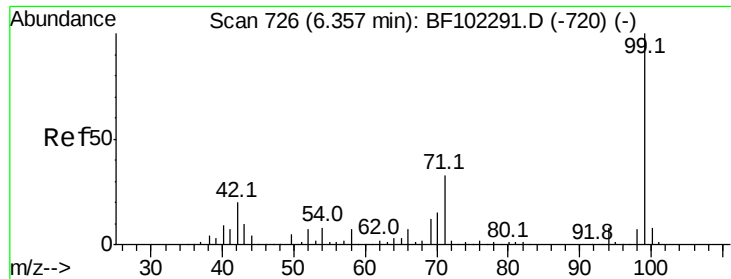


#5

2-Fluorophenol
Concen: 90.296 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 88.592 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Instrument :

BNA_F

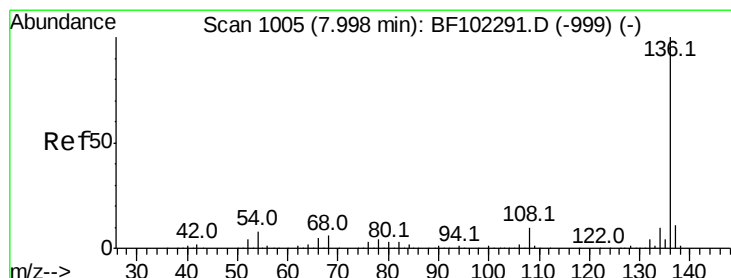
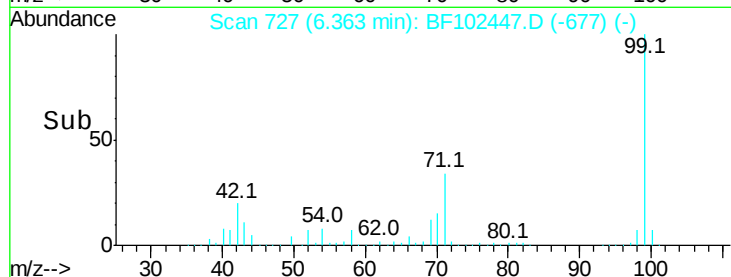
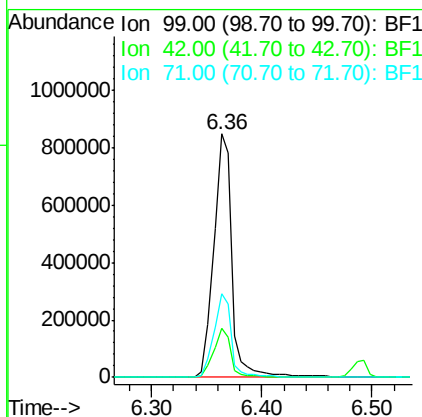
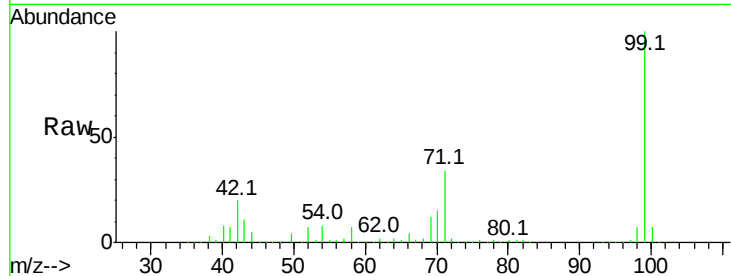
ClientSampled :

SB-55-8.5-9.0

Tot Ion:	99	Resp:	961075
Ion Ratio	Lower	Upper	
99	100		
42	20.0	14.5	21.7
71	34.3	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

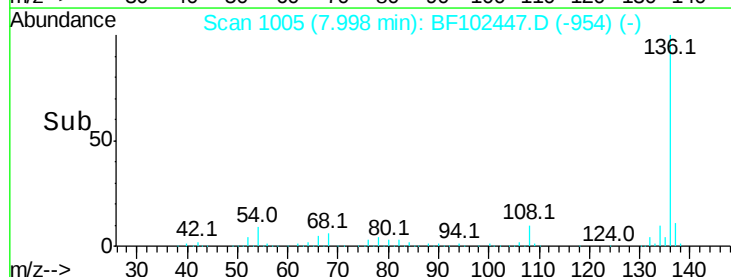
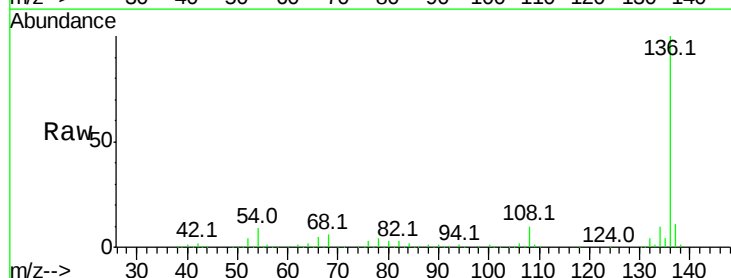
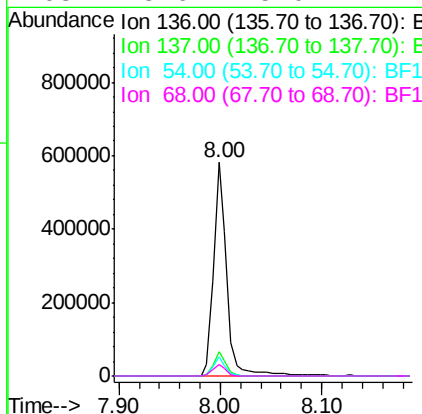
RT: 8.00 min Scan# 1005

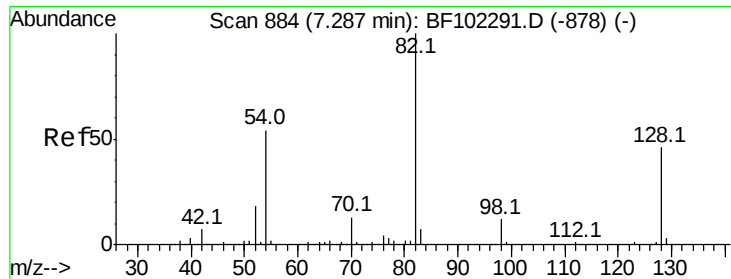
Delta R.T. 0.00 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Tgt Ion:	136	Resp:	527100
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.9	13.3
54	9.0	6.6	9.8
68	5.6	5.0	7.4





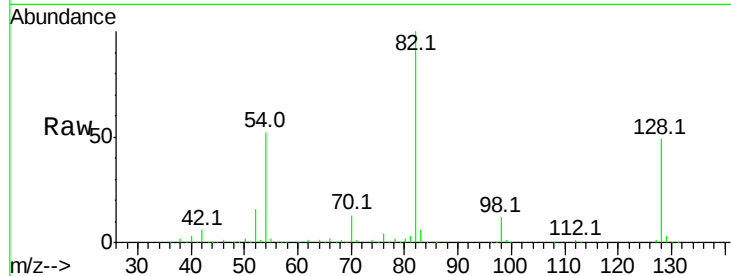
#23
Nitrobenzene-d5
Concen: 62.161 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :
SB-55-8.5-9.0

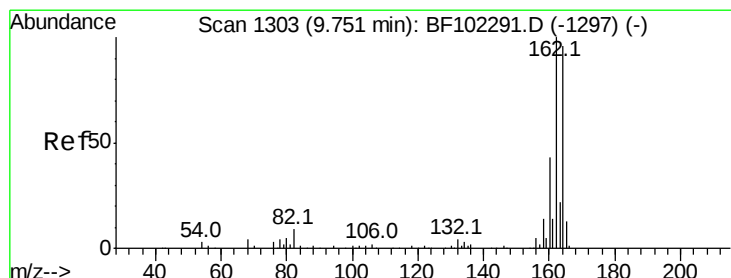
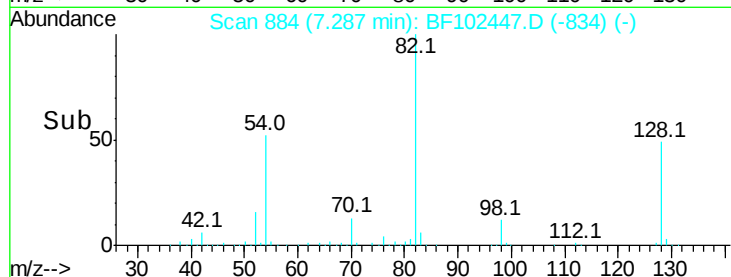
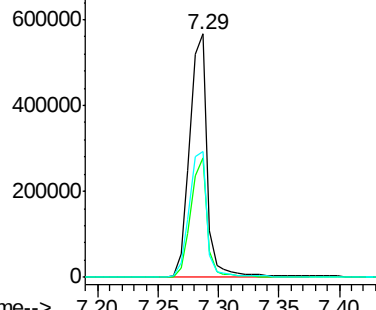
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.2	36.1	54.1	
54	51.6	41.4	62.2	

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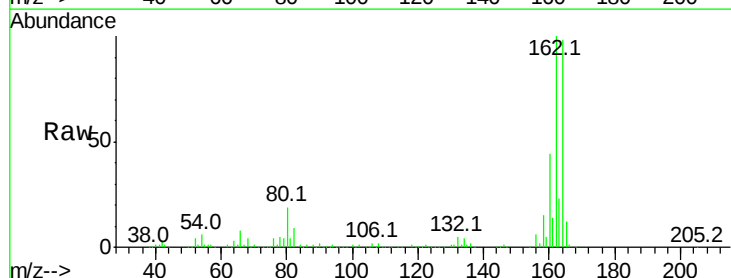


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

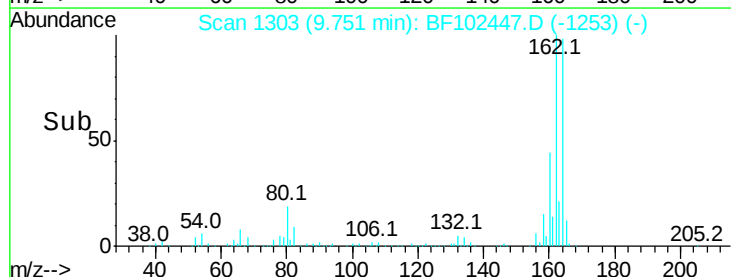
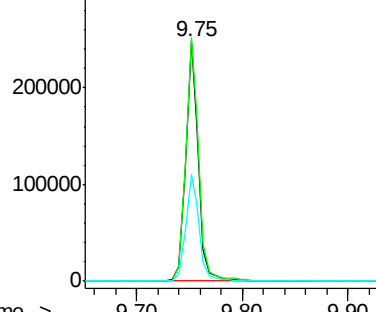


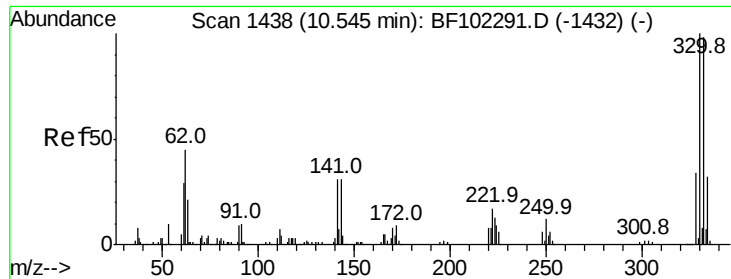
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	86.1	129.1	
160	44.8	38.3	57.5	



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





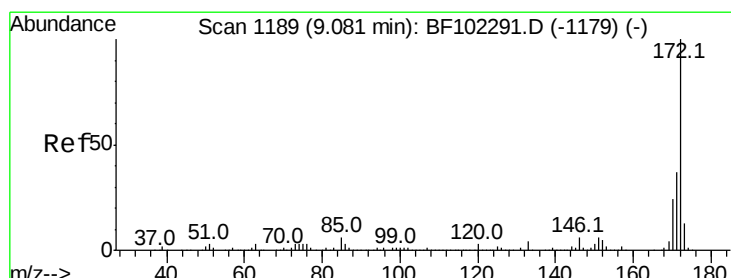
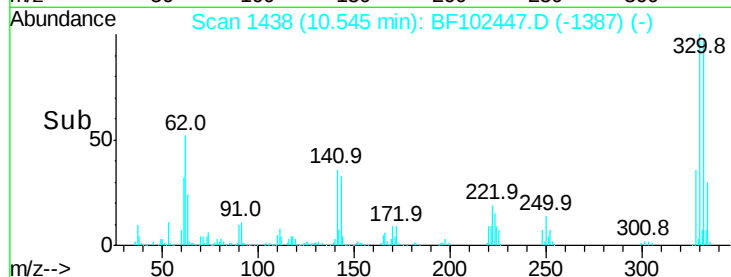
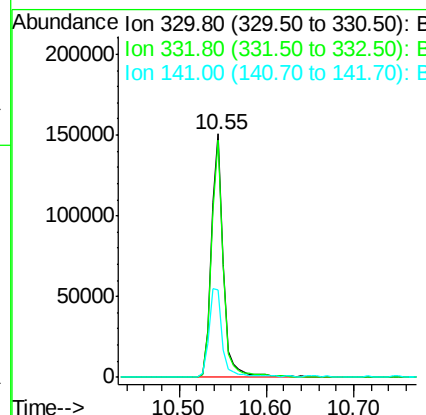
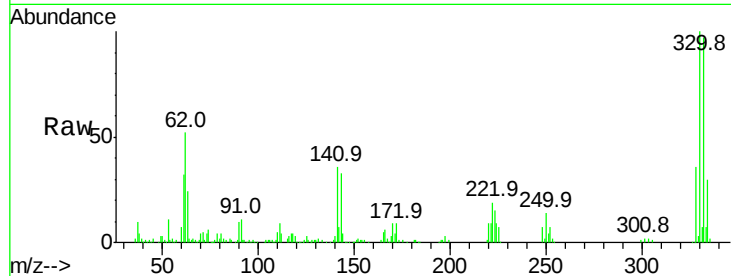
#41
 2,4,6-Tribromophenol
 Concen: 68.419 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF102447.D
 Acq: 26 Jan 2018 1:59

Instrument :
 BNA_F
 ClientSampled :
 SB-55-8.5-9.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	41.4	29.9	44.9

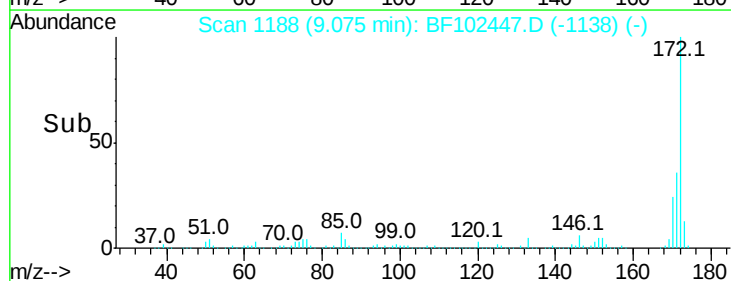
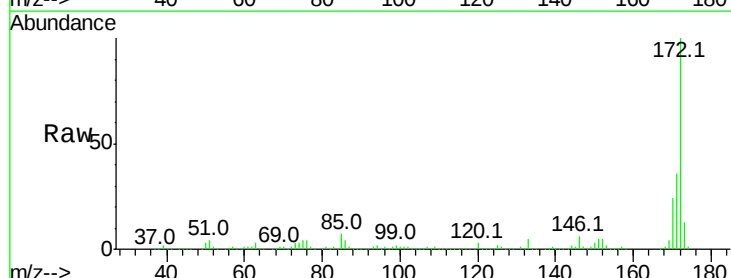
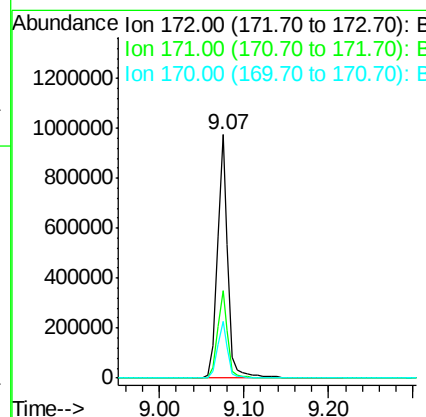
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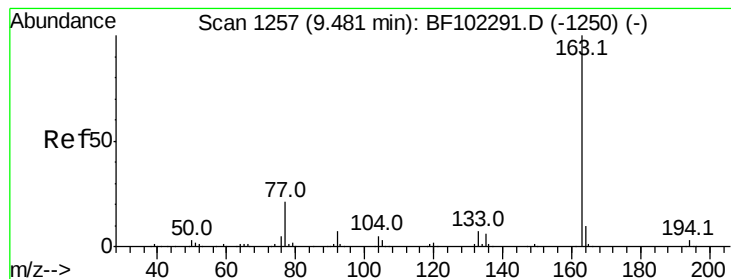
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 59.798 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102447.D
 Acq: 26 Jan 2018 1:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.5	19.6	29.4





#49

Dimethylphthalate

Concen: 4.653 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Instrument :

BNA_F

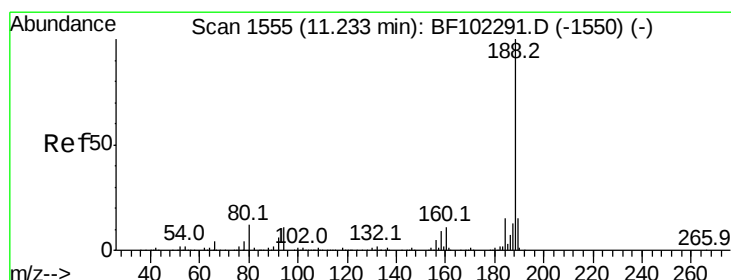
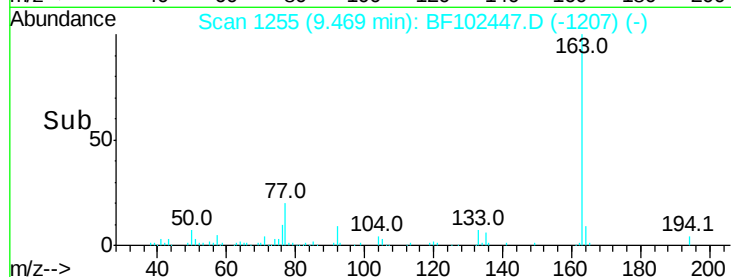
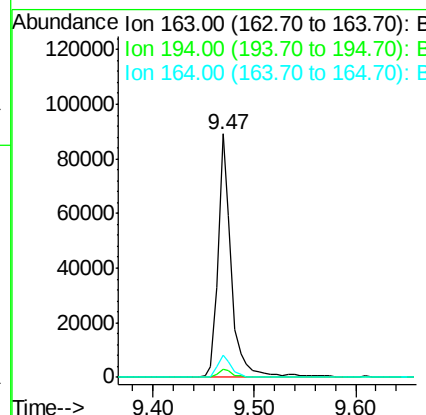
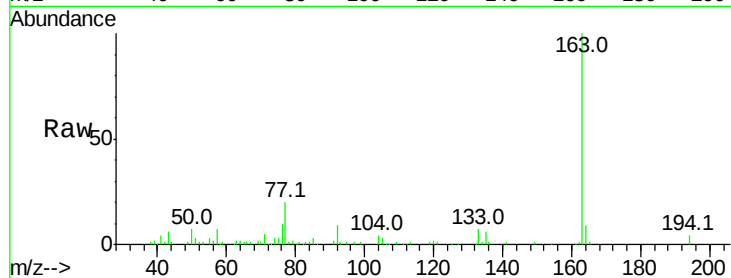
ClientSampleId :

SB-55-8.5-9.0

Tot Ion:	163	Resp:	81777
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.7	4.1
164	9.3	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

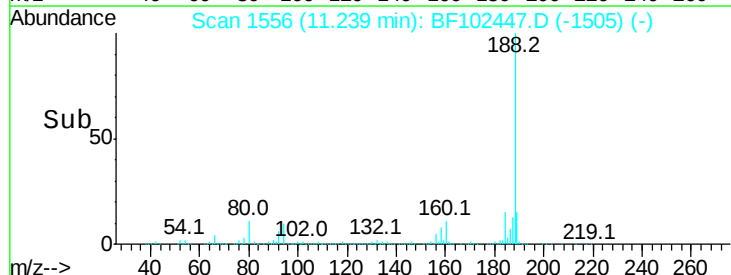
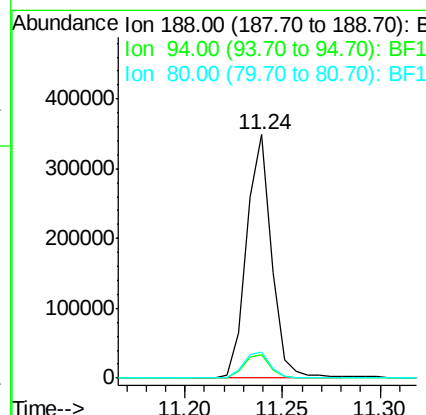
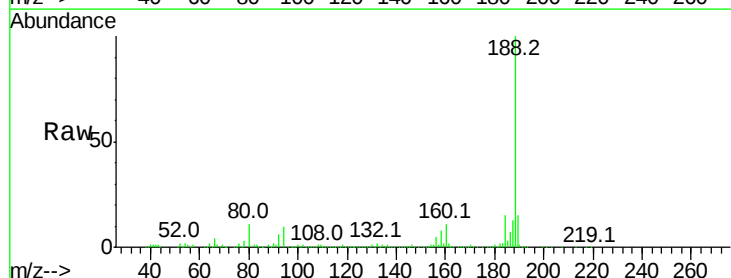
RT: 11.24 min Scan# 1556

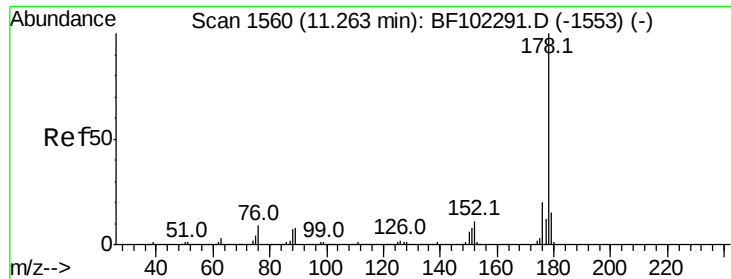
Delta R.T. 0.00 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Tgt Ion:	188	Resp:	309429
Ion Ratio	Lower	Upper	
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8





#70

Phenanthrene

Concen: 4.662 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Instrument :

BNA_F

ClientSampleId :

SB-55-8.5-9.0

Tot Ion:178 Resp: 84070

Ion Ratio Lower Upper

178 100

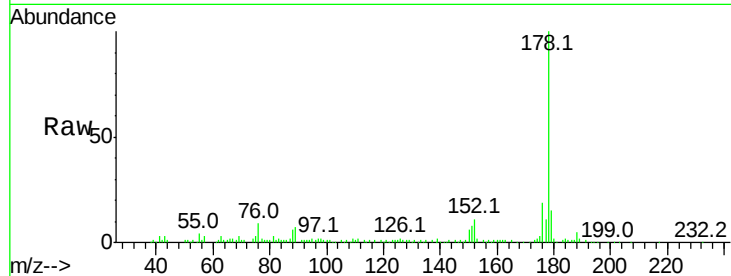
176 19.0 15.8 23.8

179 15.2 13.0 19.6

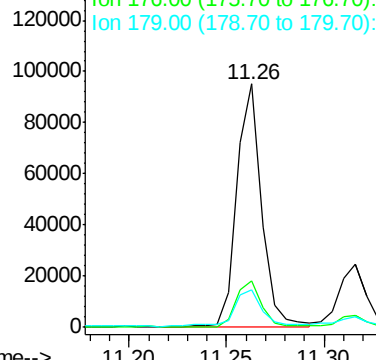
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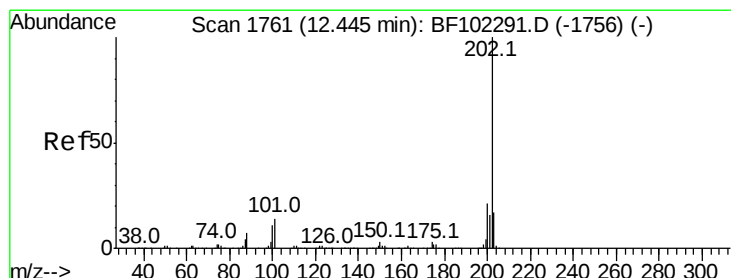
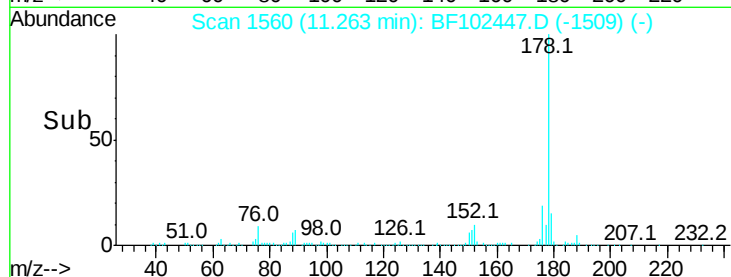
1/26/2018 11:24:54 AM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#74

Fluoranthene

Concen: 5.457 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

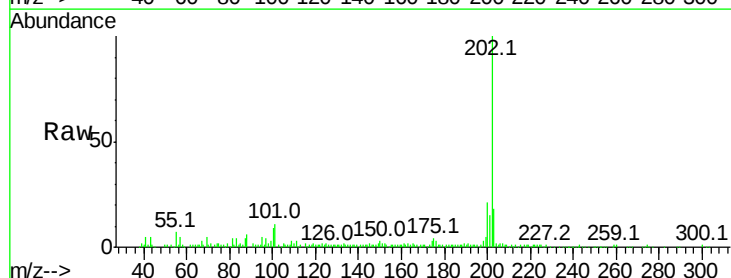
Tgt Ion:202 Resp: 100332

Ion Ratio Lower Upper

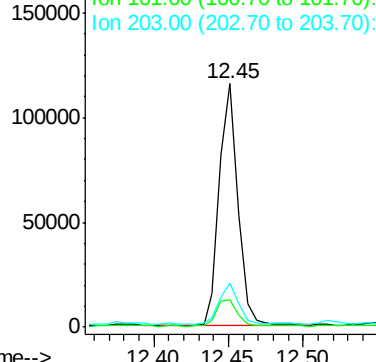
202 100

101 11.3 0.0 34.1

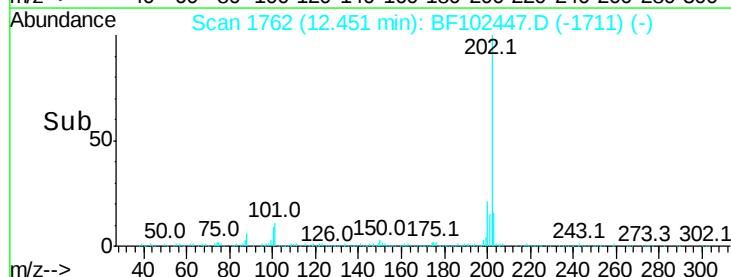
203 17.9 0.0 38.1

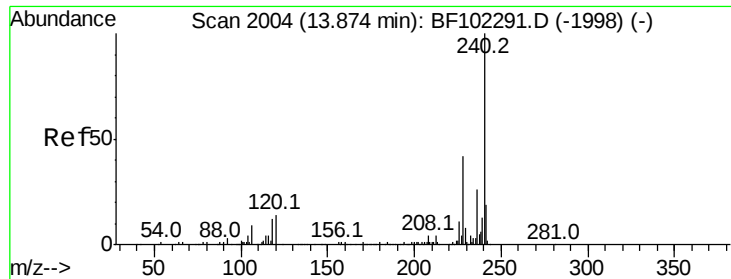


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Instrument :

BNA_F

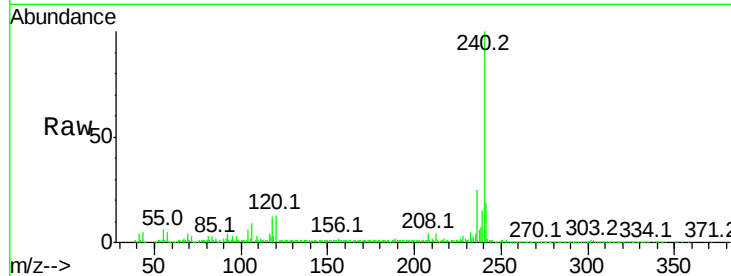
ClientSampleId :

SB-55-8.5-9.0

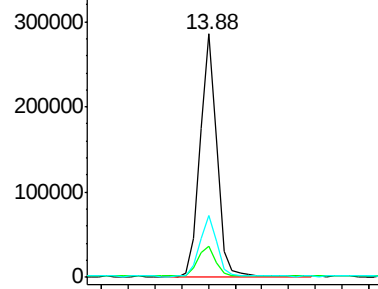
Tot Ion:	240	Resp:	253342
Ion Ratio	Lower	Upper	
240	100		
120	12.8	9.5	14.3
236	25.4	20.7	31.1

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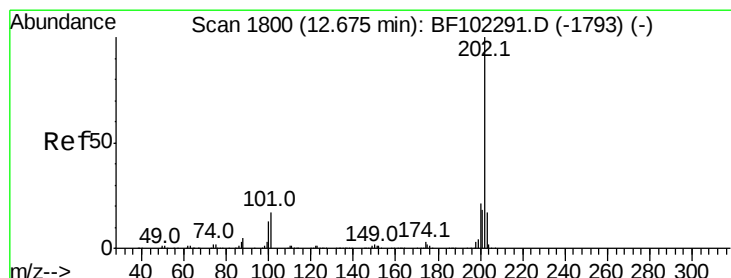
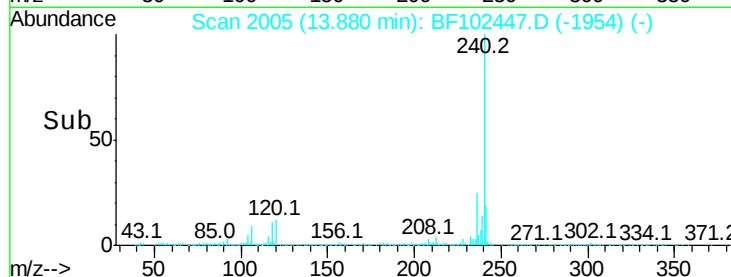
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 13.80 13.90



#77

Pyrene

Concen: 4.706 ng

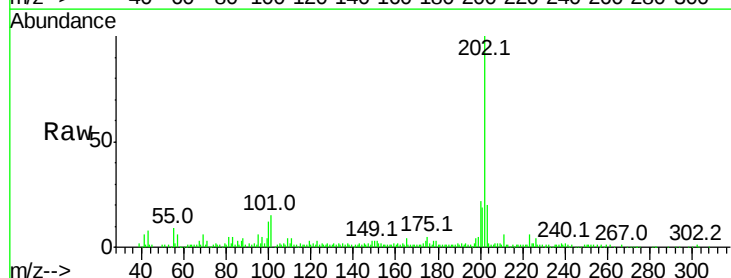
RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

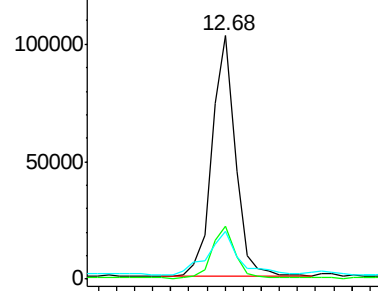
Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

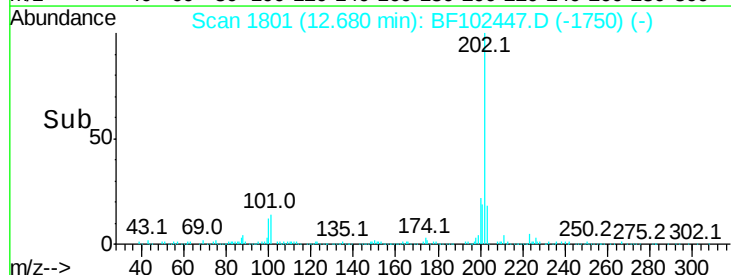
Tgt Ion:	202	Resp:	92184
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	19.8	14.3	21.5

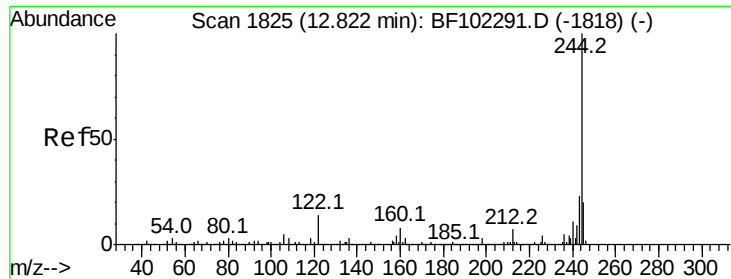


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.65 12.70 12.75





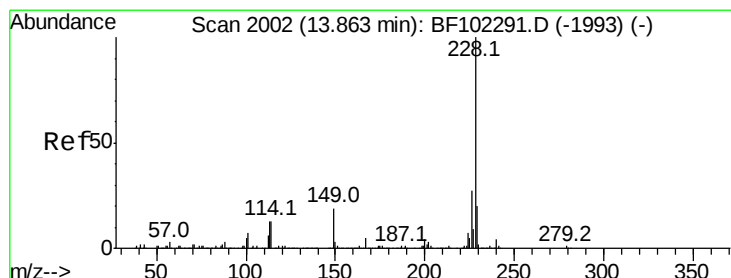
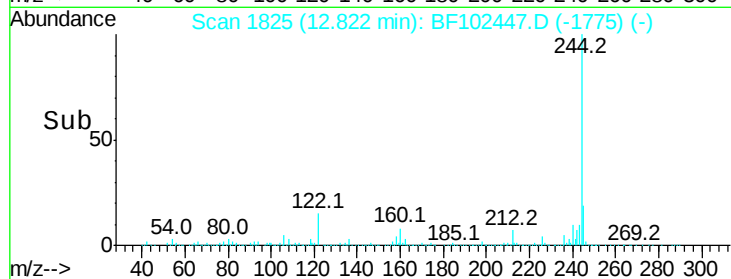
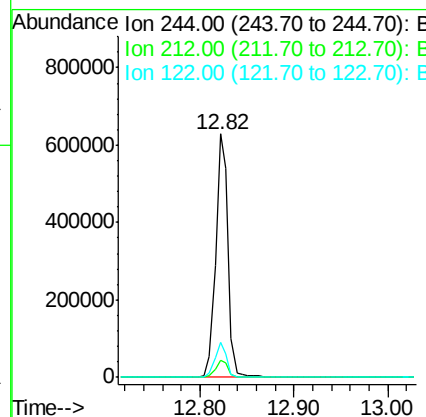
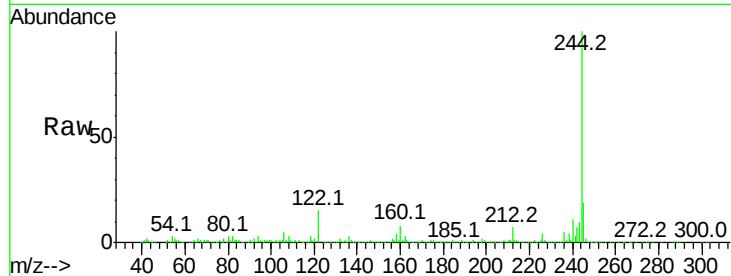
#78
 Terphenyl-d14
 Concen: 51.873 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102447.D
 Acq: 26 Jan 2018 1:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-55-8.5-9.0

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.6	11.0	16.4

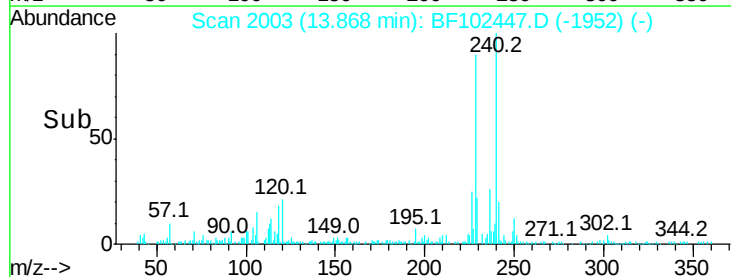
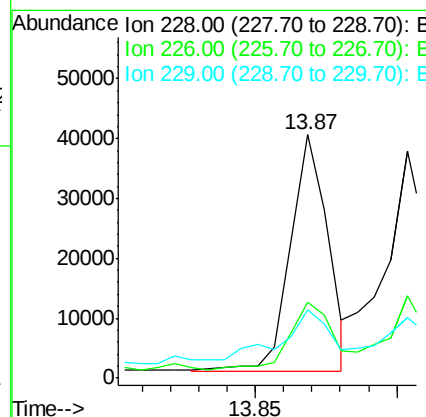
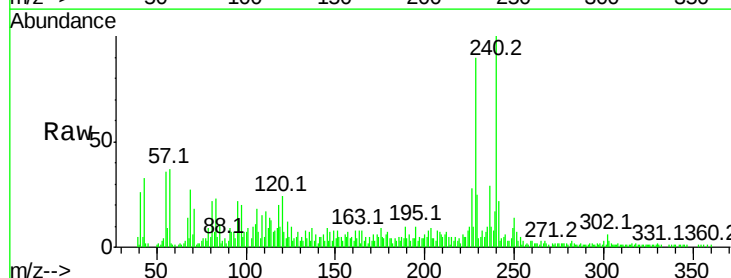
Manual Integrations
 APPROVED

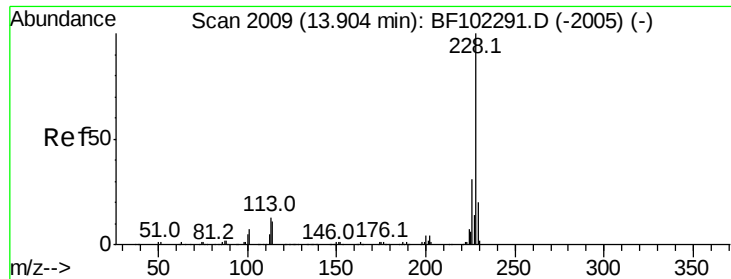
Sohil
 1/26/2018 11:24:54 AM



#80
 Benzo(a)anthracene
 Concen: 2.333 ng m
 RT: 13.87 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF102447.D
 Acq: 26 Jan 2018 1:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	28.2	15.8	23.6





#82

Chrysene

Concen: 2.591 ng/mL

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Instrument :

BNA_F

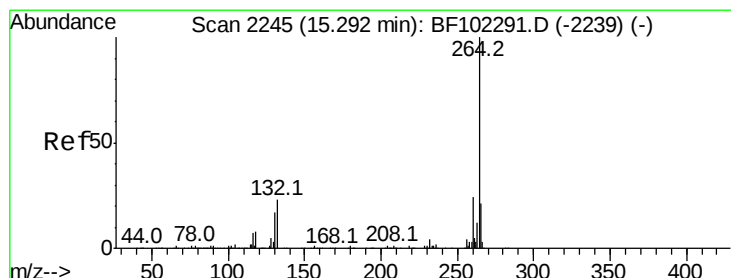
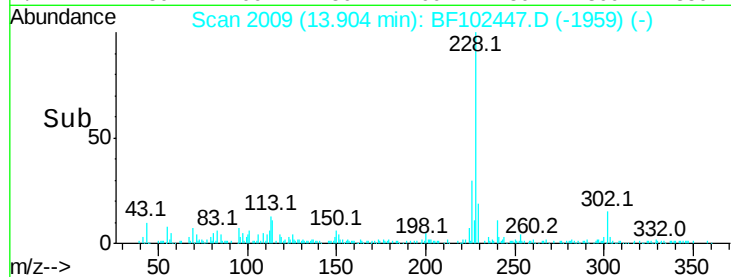
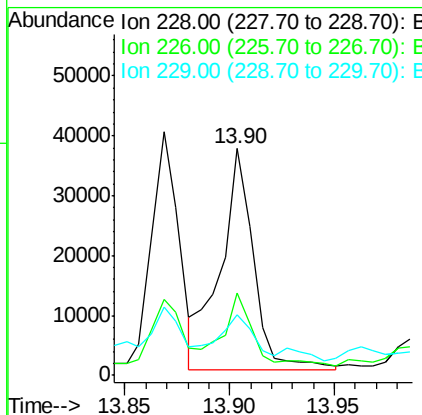
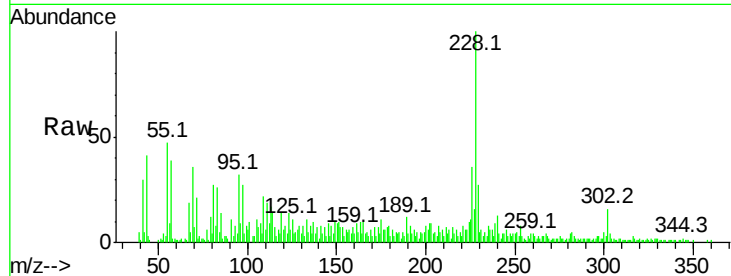
ClientSampled :

SB-55-8.5-9.0

Tot Ion:	228	Resp:	41045
Ion Ratio	Lower	Upper	
228	100		
226	36.2	25.0	37.6
229	26.6	16.2	24.4

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng/mL

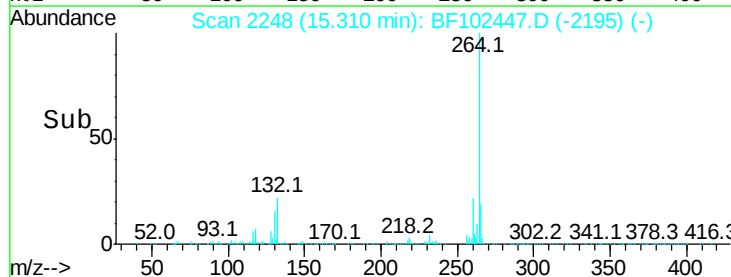
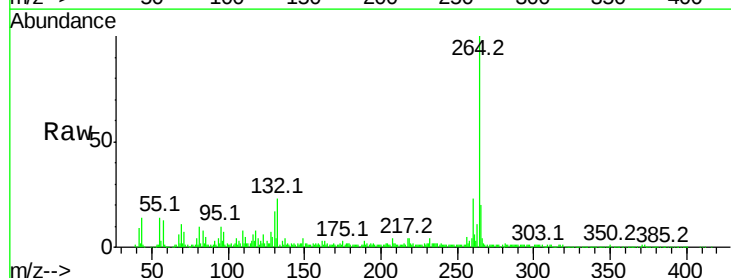
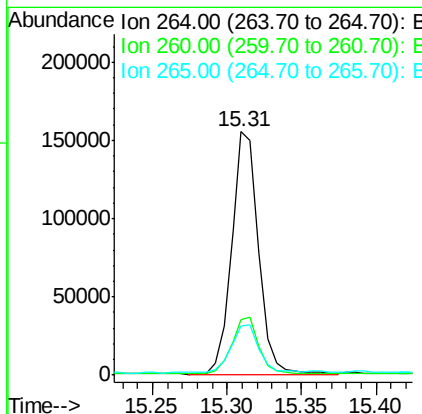
RT: 15.31 min Scan# 2248

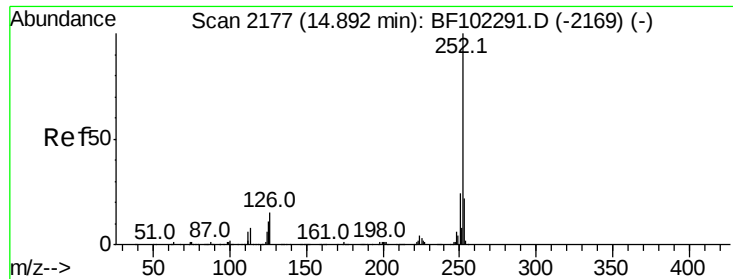
Delta R.T. 0.01 min

Lab File: BF102447.D

Acq: 26 Jan 2018 1:59

Tgt Ion:	264	Resp:	195191
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	20.2	17.5	26.3





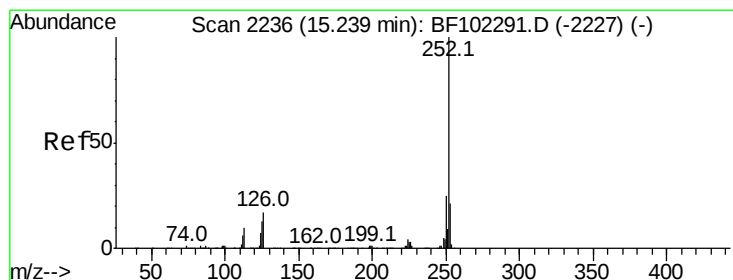
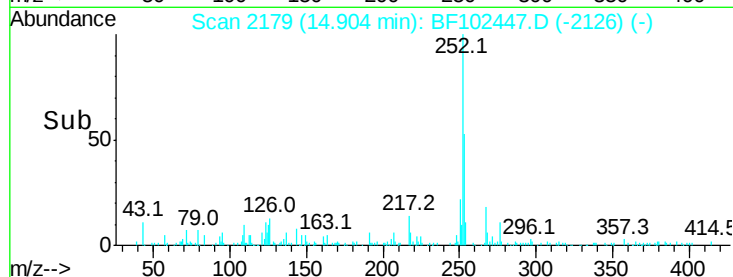
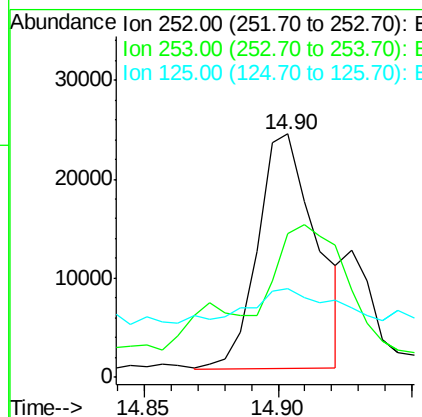
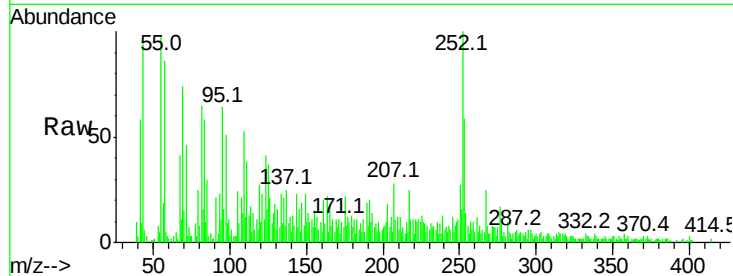
#87
Benzo(b)fluoranthene
Concen: 2.858 ng m
RT: 14.90 min Scan# 2179
Delta R.T. 0.01 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Instrument :
BNA_F
ClientSampleId :
SB-55-8.5-9.0

Tot Ion	Ratio	Lower	Upper
252	100		
253	59.3	17.0	25.6#
125	36.6	9.0	13.6#

Manual Integrations
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Sohil
1/26/2018 11:24:54 AM



#89
Benzo(a)pyrene
Concen: 2.184 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF102447.D
Acq: 26 Jan 2018 1:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.1	25.7#
125	37.5	9.8	14.6#

