

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103363.D
 Acq On : 2 Mar 2018 13:44
 Operator : SJ/JU
 Sample : J1402-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-022818-C

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:13:05 PM

Quant Time: Mar 02 17:14:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 02 13:28:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	624308	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	261968	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	415480	20.00	ng	0.00
75) Chrysene-d12	14.06	240	249272	20.00	ng	0.00
86) Perylene-d12	15.57	264	251169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1025435	105.97	ng	0.00
7) Phenol-d6	6.51	99	1210125	102.19	ng	0.00
23) Nitrobenzene-d5	7.44	82	816270	74.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	196523	88.63	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	906997	54.60	ng	0.00
78) Terphenyl-d14	12.99	244	544387	52.50	ng	0.00
Target Compounds						
10) Phenol	6.52	94	87502	6.365	ng	89
49) Dimethylphthalate	9.63	163	99052	4.713	ng	99
74) Fluoranthene	12.63	202	71097	3.094	ng	97
77) Pyrene	12.86	202	64791	3.334	ng	98
82) Chrysene	14.09	228	43373	2.762	ng	98
87) Benzo(b)fluoranthene	15.13	252	53194m	3.221	ng	
89) Benzo(a)pyrene	15.50	252	34075	2.311	ng	# 85

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

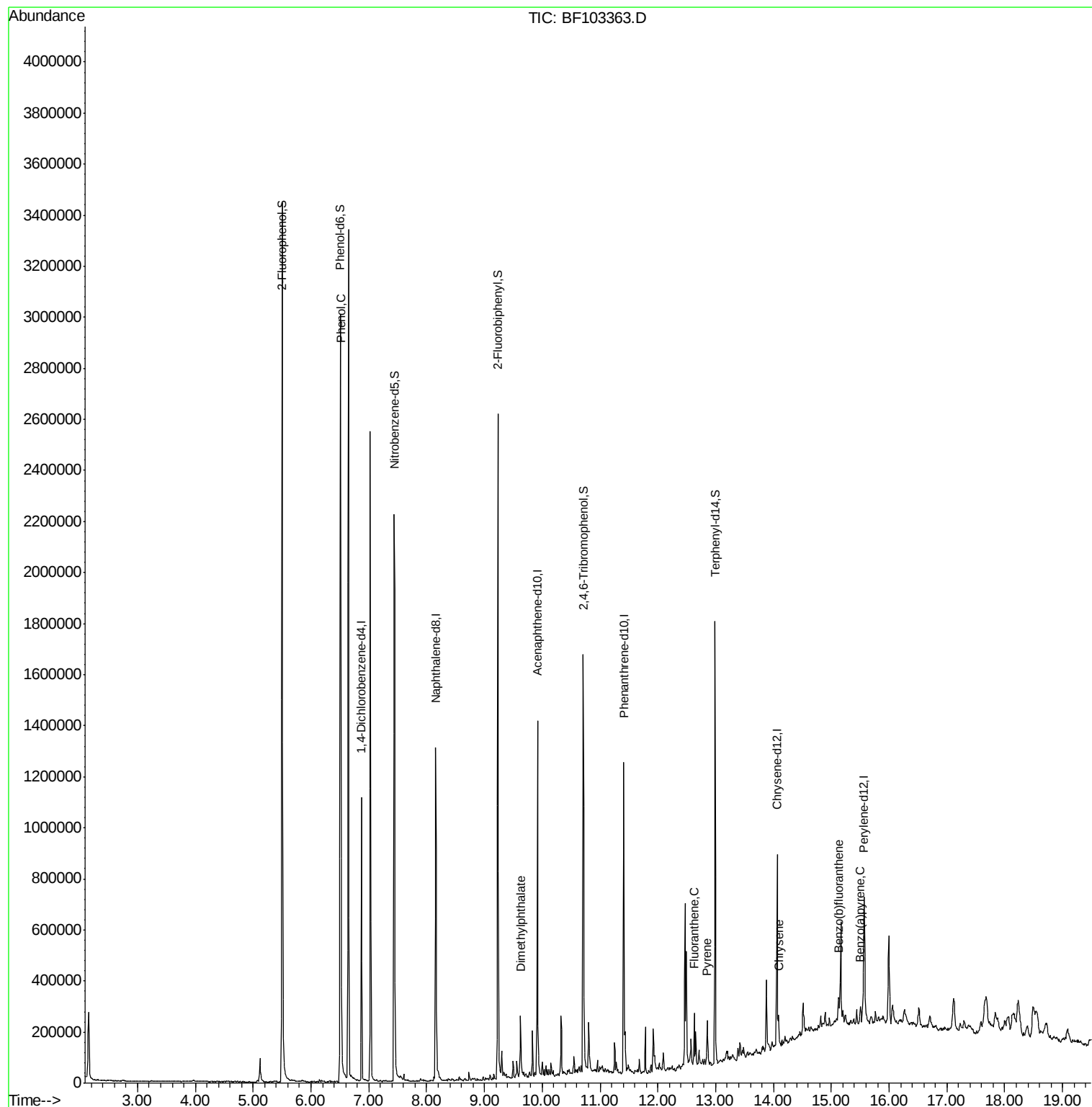
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
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Instrument :
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PL-01-022818-C

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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#1

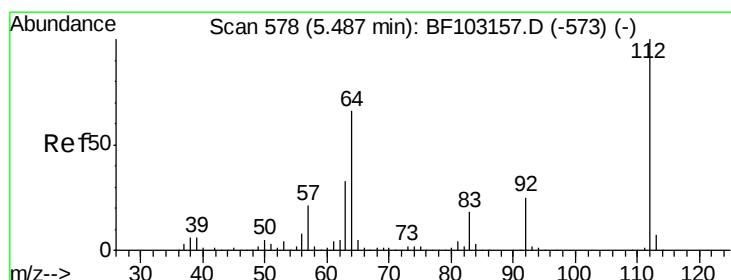
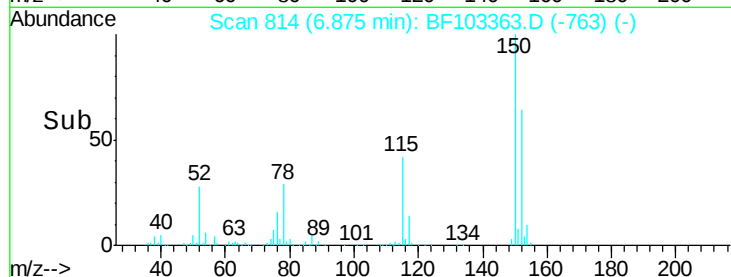
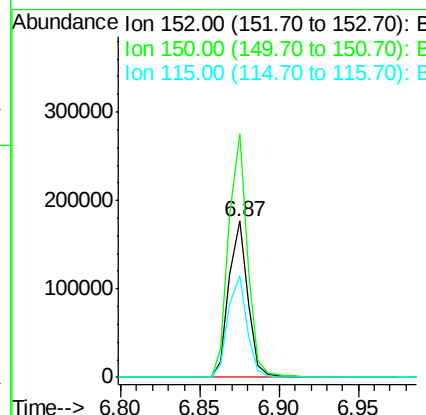
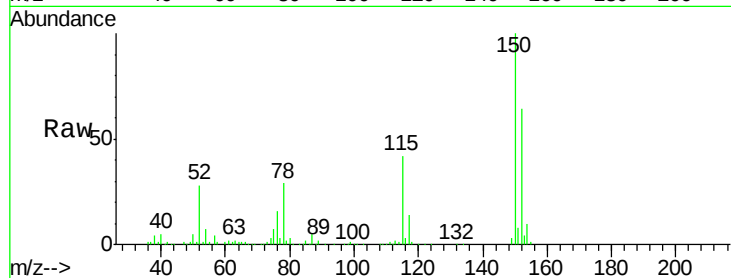
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.6	186.8
115	65.3	50.1	75.1

Manual Integrations
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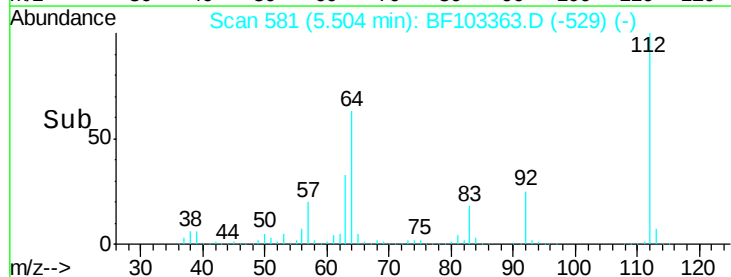
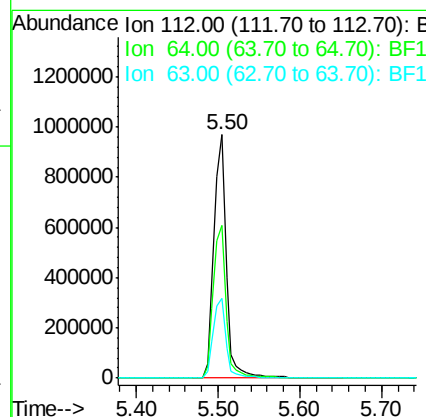
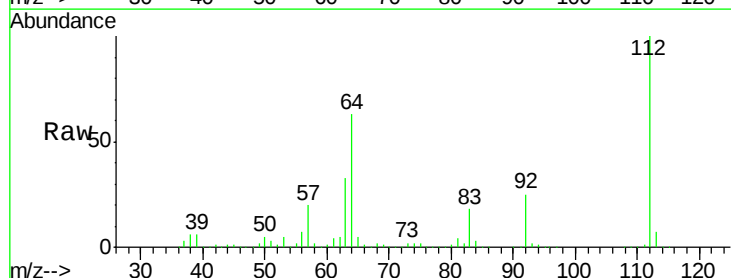
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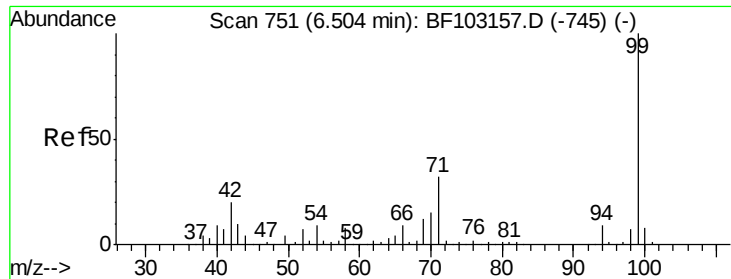


#5

2-Fluorophenol
Concen: 105.965 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	47.9	71.9
63	32.9	23.7	35.5





#7

Phenol-d6

Concen: 102.195 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Instrument :

BNA_F

ClientSampleId :

PL-01-022818-C

Tot Ion: 99 Resp: 1210125

Ion Ratio Lower Upper

99 100

42 20.5 14.5 21.7

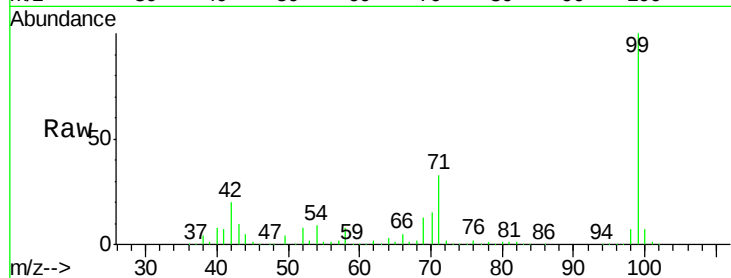
71 33.0 25.4 38.0

Manual Integrations

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Sohil

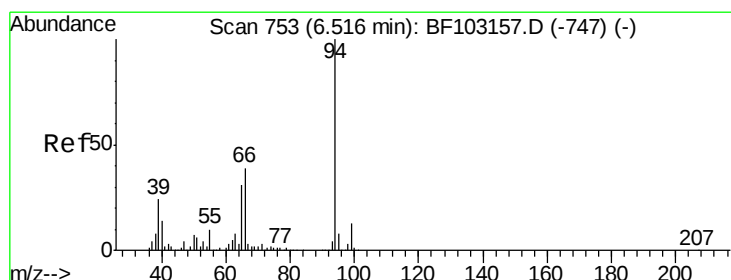
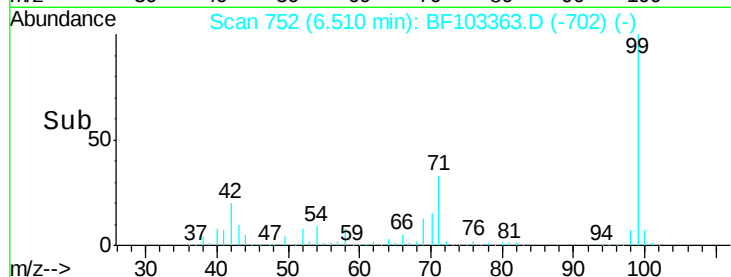
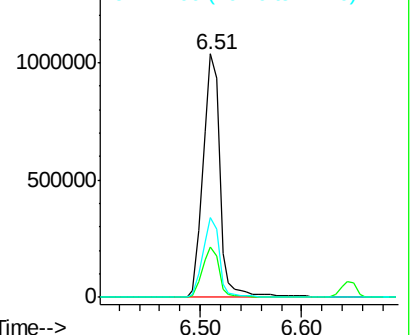
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 6.365 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

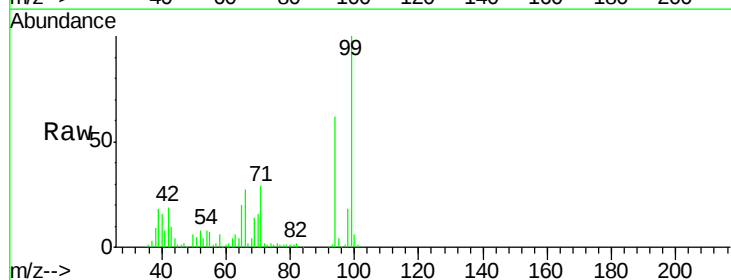
Tgt Ion: 94 Resp: 87502

Ion Ratio Lower Upper

94 100

65 32.2 7.9 47.9

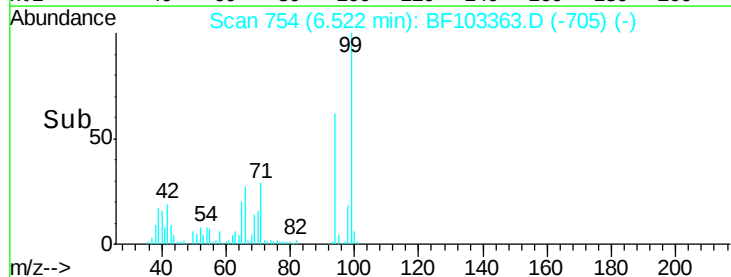
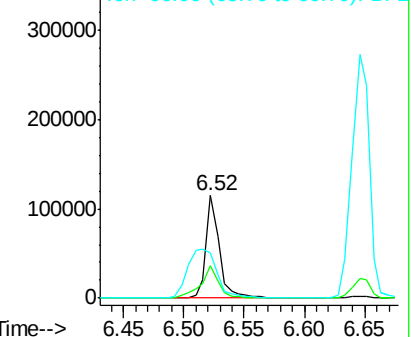
66 44.2 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





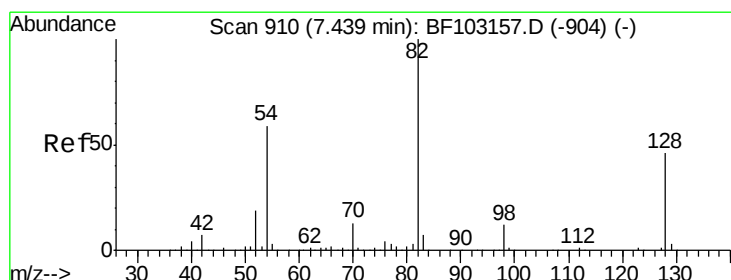
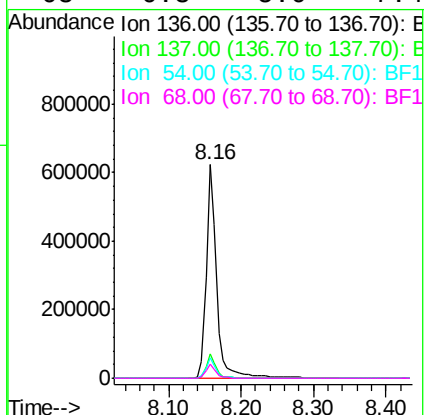
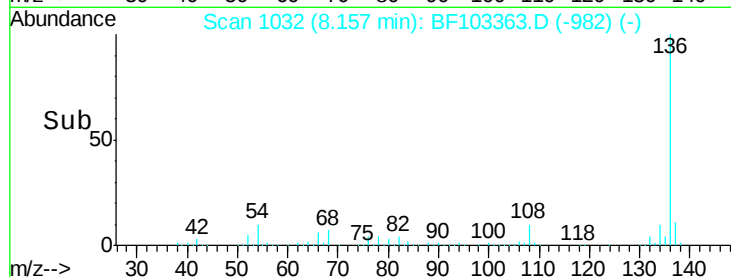
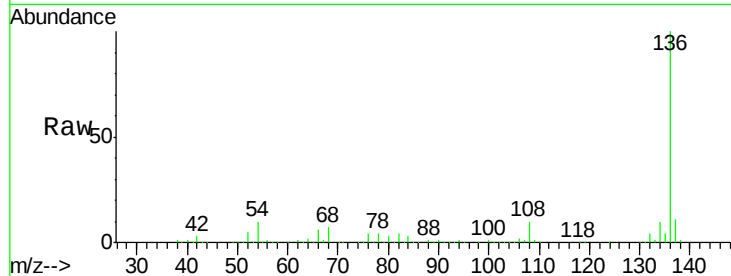
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-C

Tot Ion	Ratio	Resp	Lower	Upper
136	100	624308		
137	11.3		8.9	13.3
54	9.9		6.6	9.8#
68	6.8		5.0	7.4

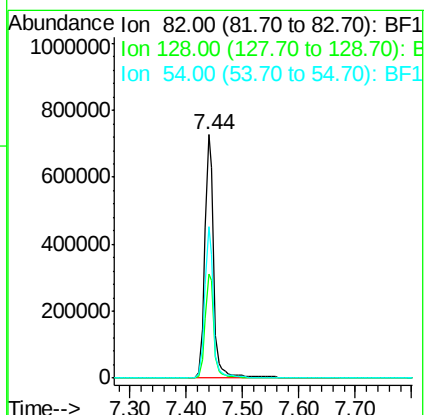
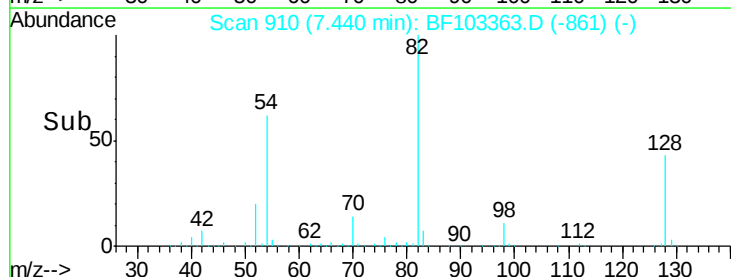
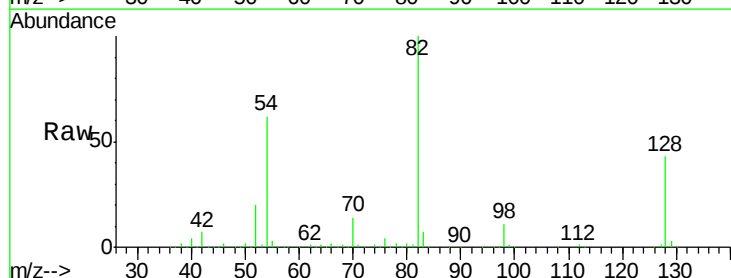
Manual Integrations
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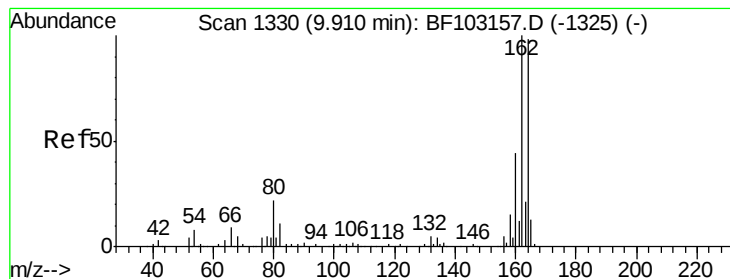
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#23
Nitrobenzene-d5
Concen: 74.668 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	816270		
128	42.8		36.1	54.1
54	62.2		41.4	62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Instrument :

BNA_F

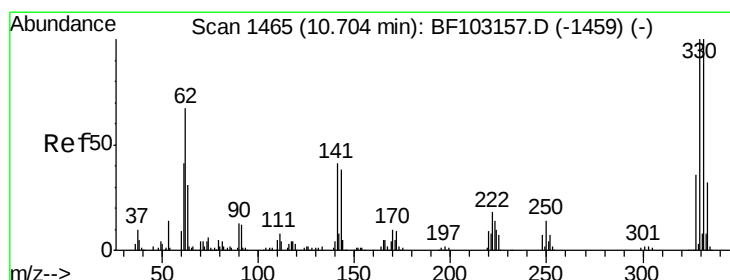
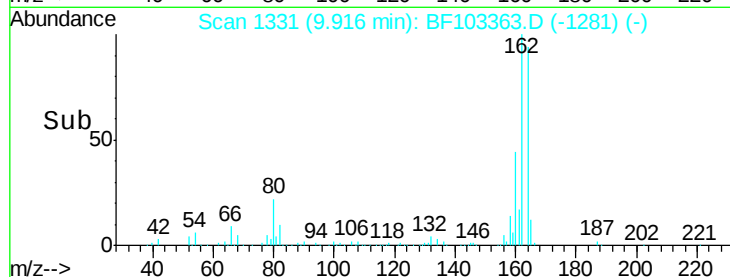
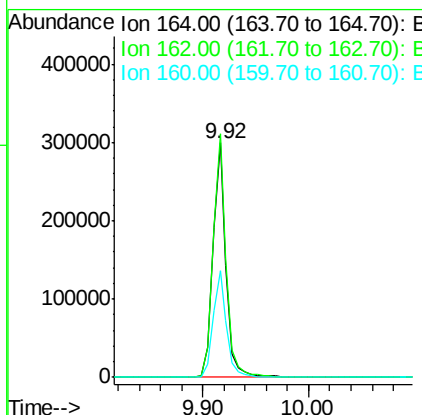
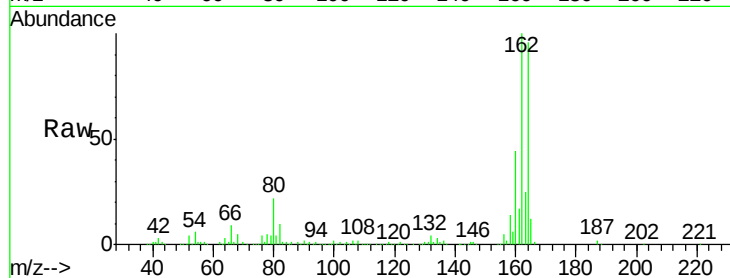
ClientSampleId :

PL-01-022818-C

Tot Ion:	164	Resp:	261968
Ion Ratio	Lower	Upper	
164	100		
162	103.8	86.1	129.1
160	45.7	38.3	57.5

Manual Integrations
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3/5/2018 3:13:05 PM



#41

2,4,6-Tribromophenol

Concen: 88.627 ng

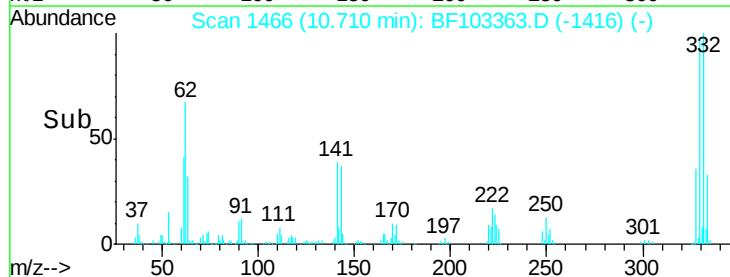
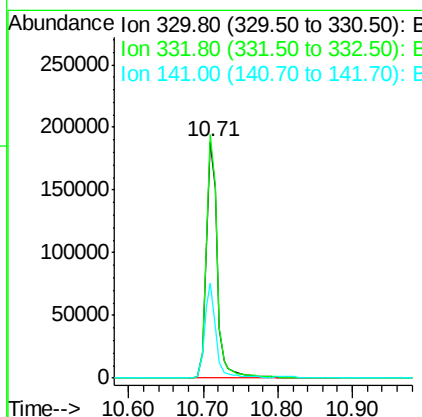
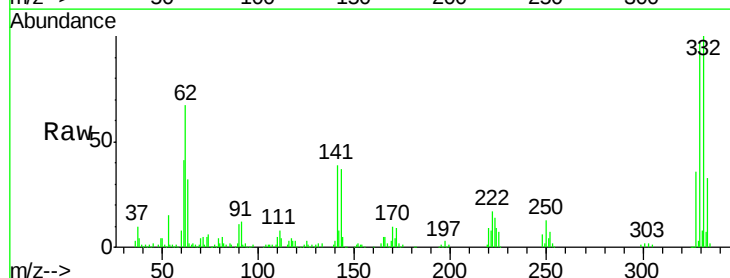
RT: 10.71 min Scan# 1466

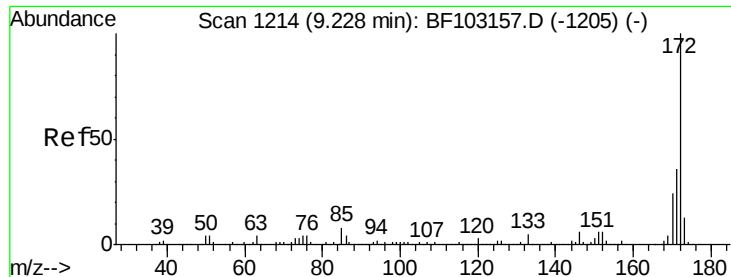
Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Tgt Ion:	330	Resp:	196523
Ion Ratio	Lower	Upper	
330	100		
332	101.5	77.0	115.6
141	40.6	29.9	44.9





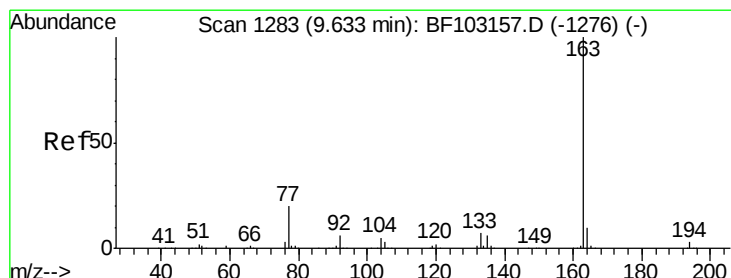
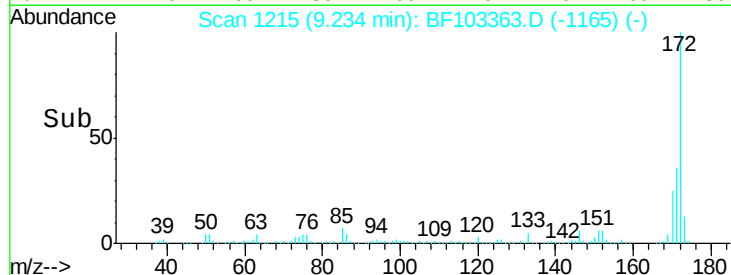
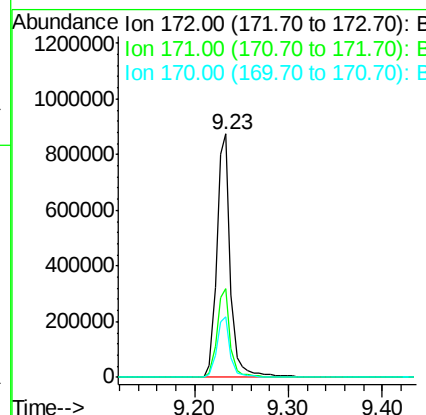
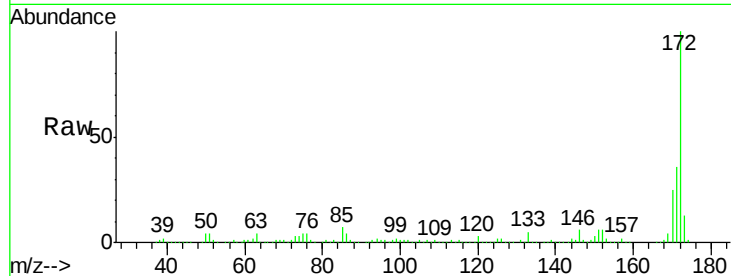
#44
2-Fluorobiphenyl
Concen: 54.596 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.9	19.6	29.4

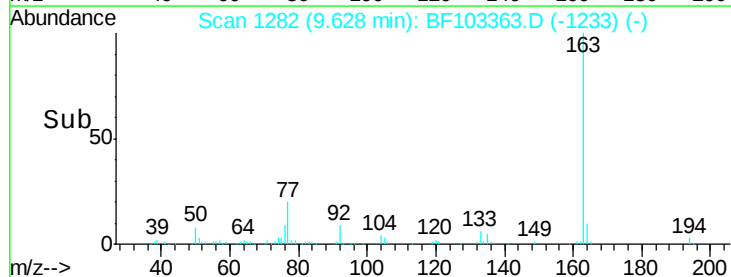
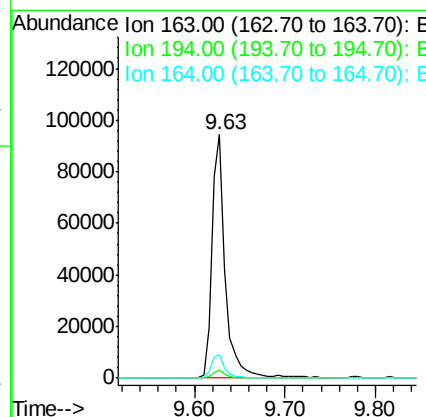
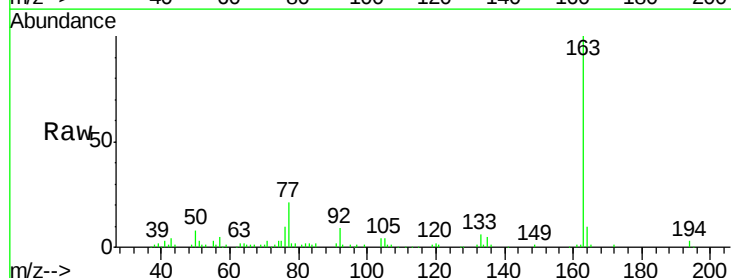
Manual Integrations
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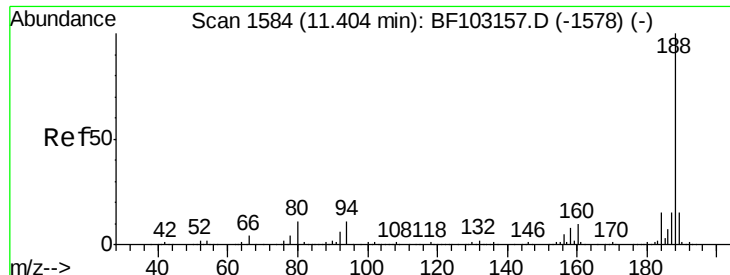
Sohil
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#49
Dimethylphthalate
Concen: 4.713 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.6	8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Instrument :

BNA_F

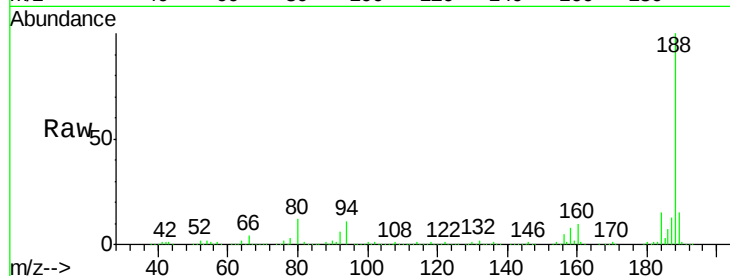
ClientSampleId :

PL-01-022818-C

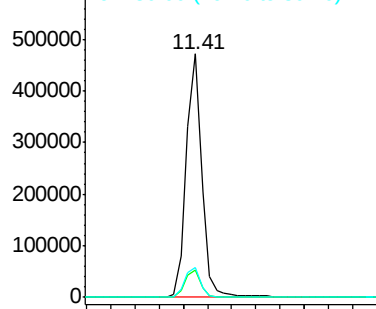
Tot Ion:	188	Resp:	415480
Ion Ratio	Lower	Upper	
188	100		
94	11.3	8.5	12.7
80	12.4	9.2	13.8

Manual Integrations
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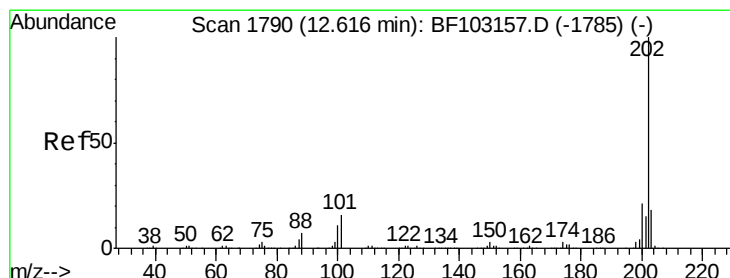
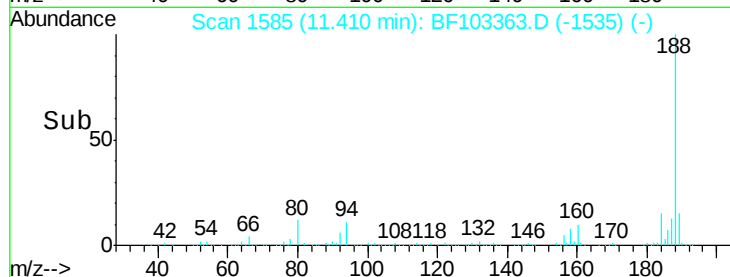
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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



Time-->



#74

Fluoranthene

Concen: 3.094 ng

RT: 12.63 min Scan# 1792

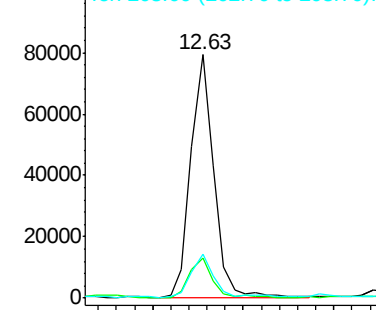
Delta R.T. -0.01 min

Lab File: BF103363.D

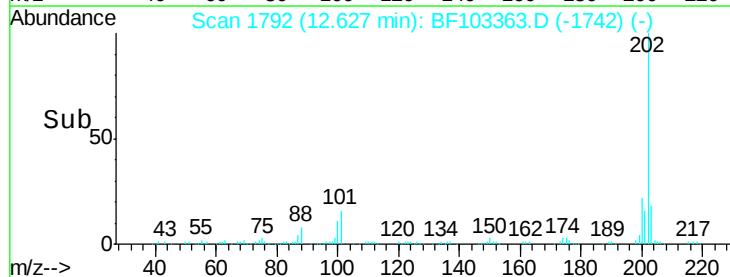
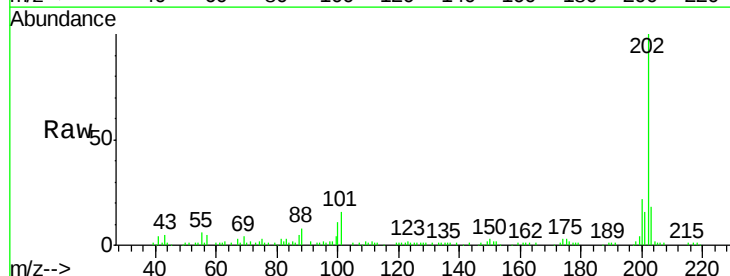
Acq: 2 Mar 2018 13:44

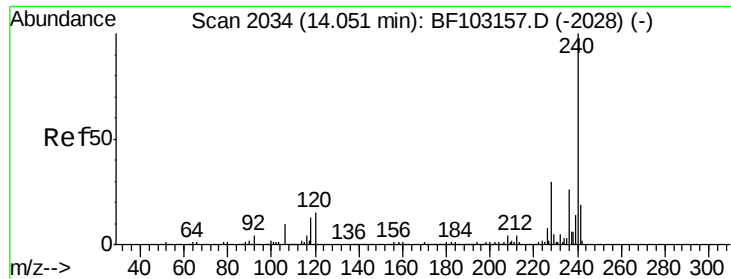
Tgt Ion:	202	Resp:	71097
Ion Ratio	Lower	Upper	
202	100		
101	16.4	0.0	34.1
203	18.0	0.0	38.1

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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Instrument :

BNA_F

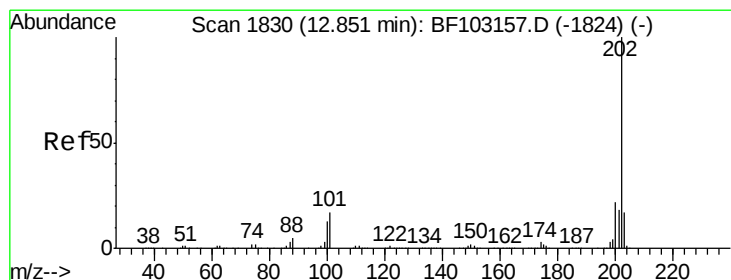
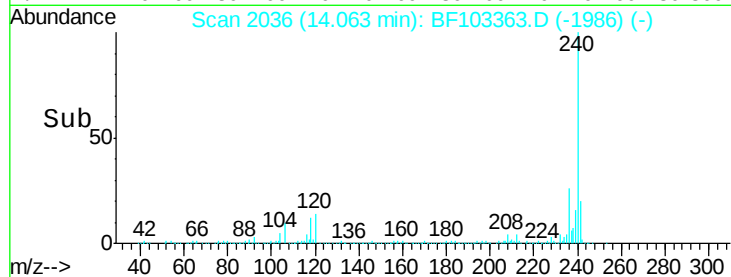
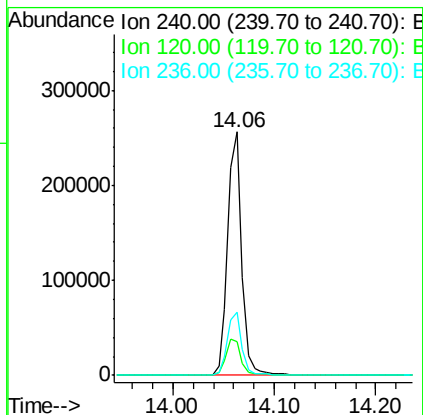
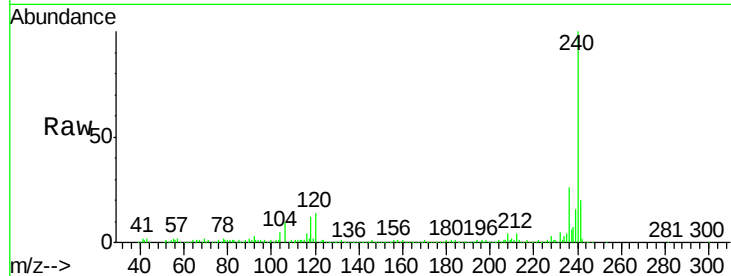
ClientSampleId :

PL-01-022818-C

Tot Ion:	240	Resp:	249272
Ion Ratio	Lower	Upper	
240	100		
120	13.9	9.5	14.3
236	26.2	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 3.334 ng

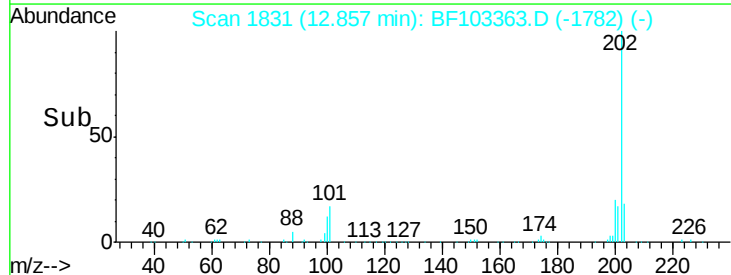
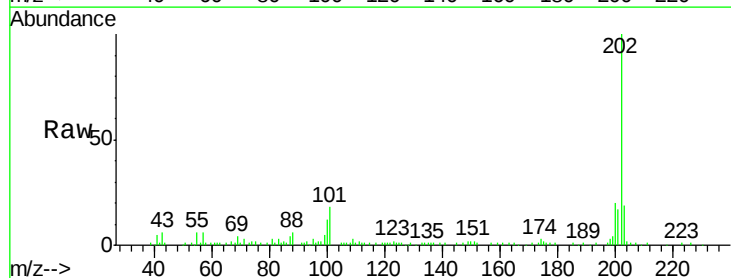
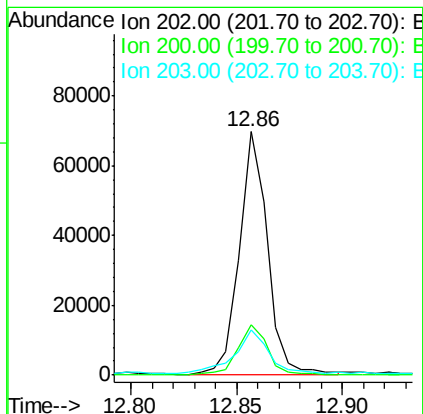
RT: 12.86 min Scan# 1831

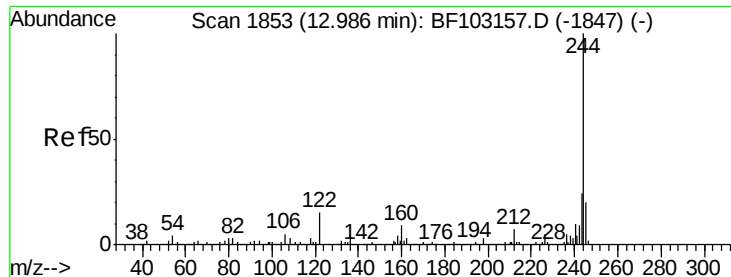
Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Tgt Ion:	202	Resp:	64791
Ion Ratio	Lower	Upper	
202	100		
200	20.4	17.4	26.2
203	18.6	14.3	21.5





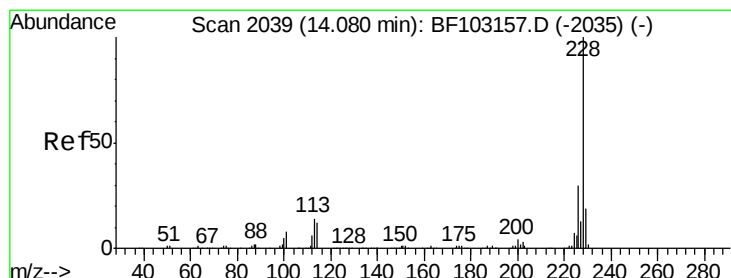
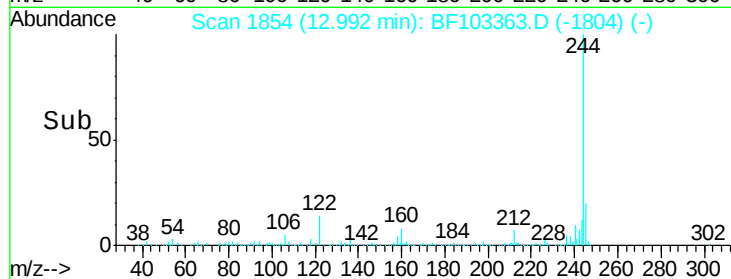
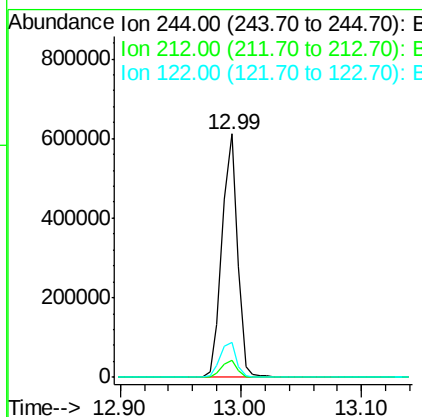
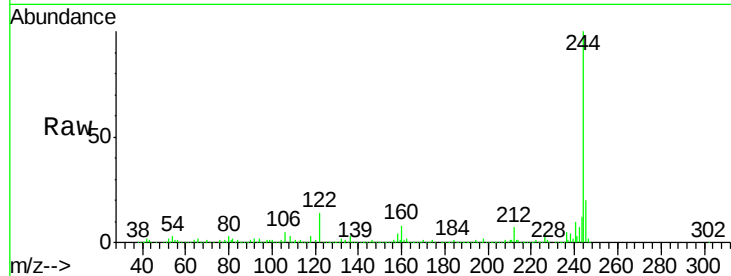
#78
 Terphenyl-d14
 Concen: 52.498 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF103363.D
 Acq: 2 Mar 2018 13:44

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-022818-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4

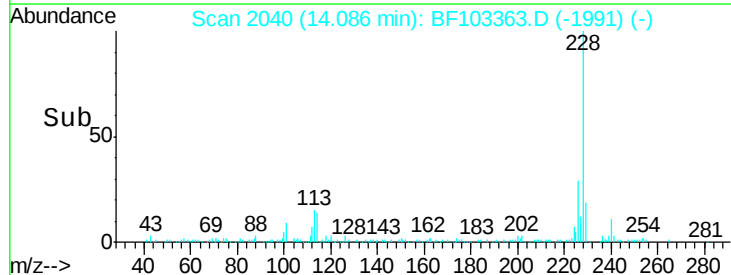
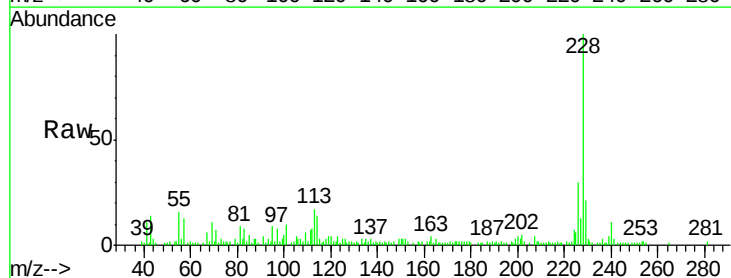
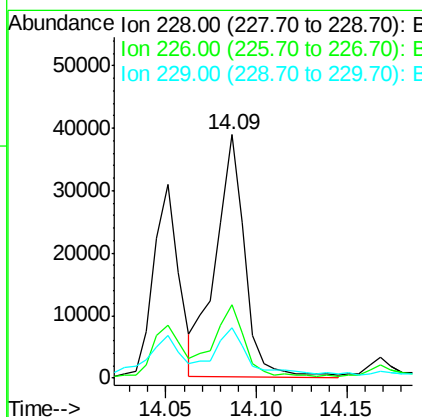
Manual Integrations
 APPROVED

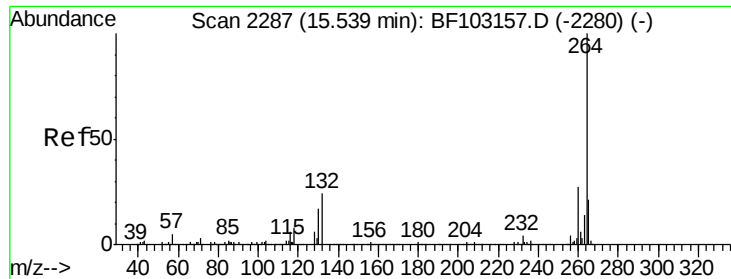
Sohil
 3/5/2018 3:13:05 PM



#82
 Chrysene
 Concen: 2.762 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF103363.D
 Acq: 2 Mar 2018 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	20.8	16.2	24.4





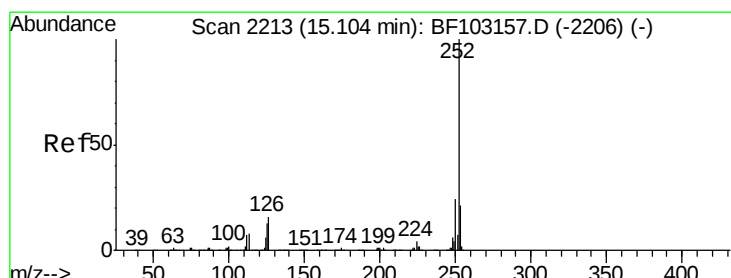
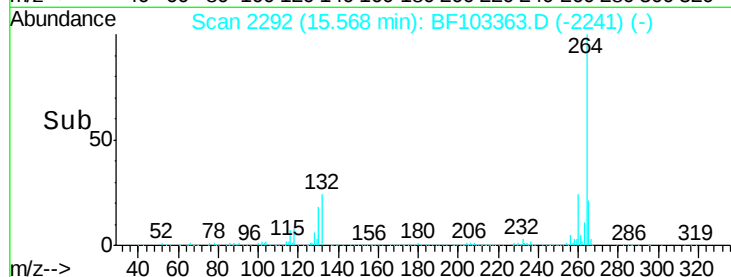
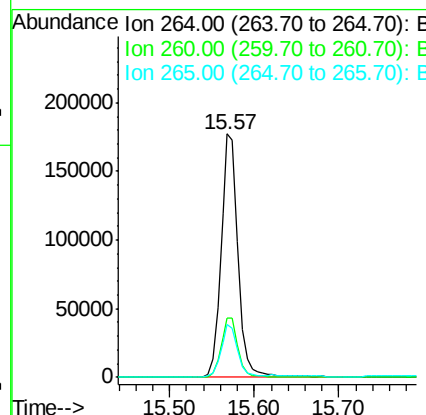
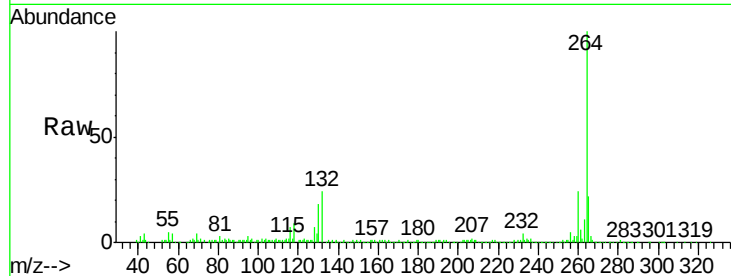
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Instrument :
BNA_F
ClientSampleId :
PL-01-022818-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.5	26.3

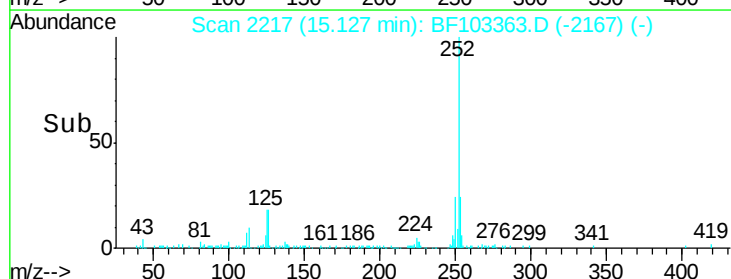
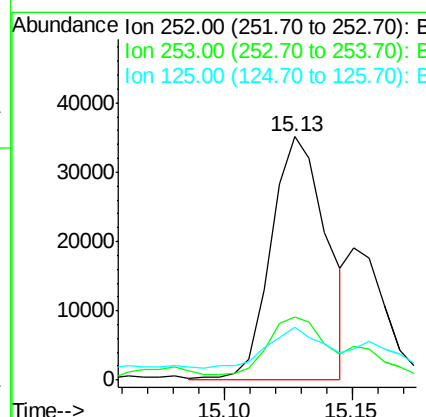
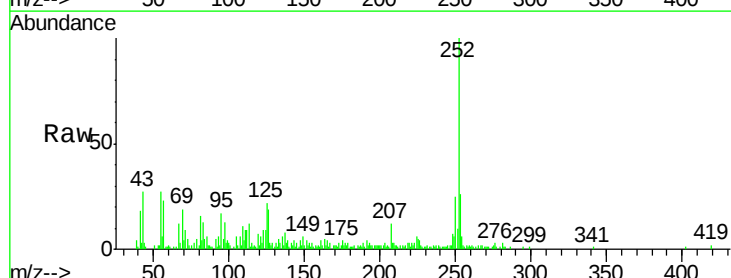
Manual Integrations
APPROVED

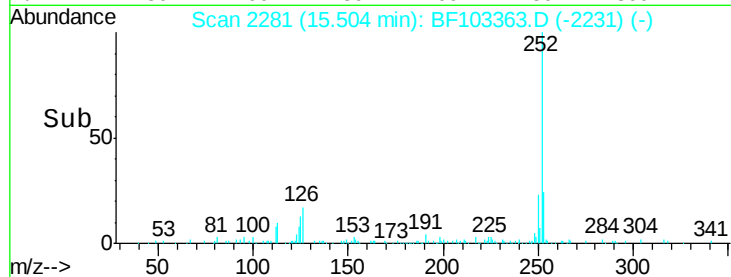
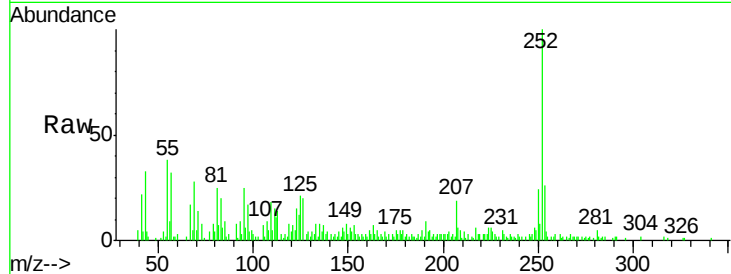
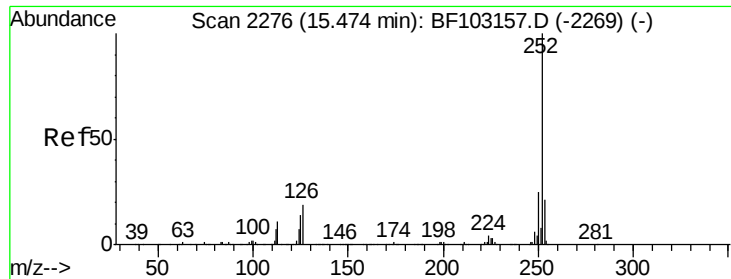
Sohil
3/5/2018 3:13:05 PM



#87
Benzo(b)fluoranthene
Concen: 3.221 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103363.D
Acq: 2 Mar 2018 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.0	25.6#
125	21.6	9.0	13.6#





#89

Benzo(a)pyrene

Concen: 2.311 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF103363.D

Acq: 2 Mar 2018 13:44

Instrument :

BNA_F

ClientSampleId :

PL-01-022818-C

Tot Ion:	252	Resp:	34075
Ion Ratio	Lower	Upper	
252	100		
253	26.4	17.1	25.7#
125	21.1	9.8	14.6#

Manual Integrations
APPROVED

Sohil
3/5/2018 3:13:05 PM

