

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
 Data File : BF103362.D
 Acq On : 2 Mar 2018 13:17
 Operator : SJ/JU
 Sample : J1402-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:13:02 PM

Quant Time: Mar 05 01:22:47 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	156956	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	639924	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	272198	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	431281	20.00	ng	0.00
75) Chrysene-d12	14.06	240	255067	20.00	ng	0.00
86) Perylene-d12	15.57	264	248522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	879088	84.71	ng	0.00
7) Phenol-d6	6.51	99	1107044	87.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	730452	65.19	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	185380	80.46	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1025741	60.51	ng	0.00
78) Terphenyl-d14	12.99	244	741181	69.85	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.63	163	73949	3.387	ng	99
74) Fluoranthene	12.63	202	117497	4.926	ng	100
77) Pyrene	12.86	202	101342	5.096	ng	98
80) Benzo(a)anthracene	14.05	228	45575	2.754	ng	99
82) Chrysene	14.09	228	53625m	3.337	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	47634	3.360	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.10	276	27514	2.163	ng	95
87) Benzo(b)fluoranthene	15.13	252	72037m	4.409	ng	
89) Benzo(a)pyrene	15.50	252	47214	3.236	ng	# 94
91) Benzo(g,h,i)perylene	17.57	276	30626	2.779	ng	95

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

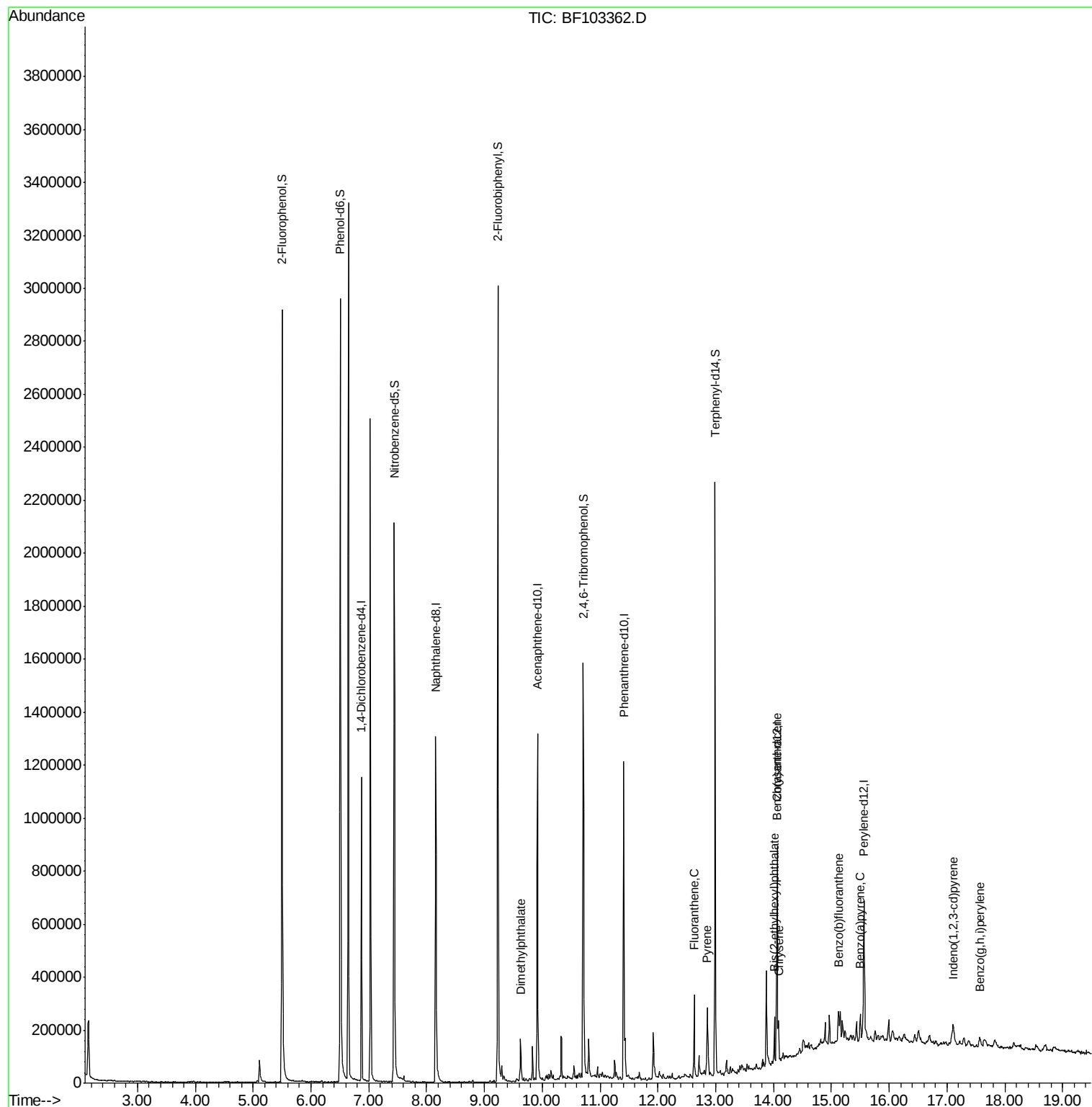
Data Path : Z:\HPCHEM1\BNA F\DATA\BF030218\
Data File : BF103362.D
Acq On : 2 Mar 2018 13:17
Operator : SJ/JU
Sample : J1402-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

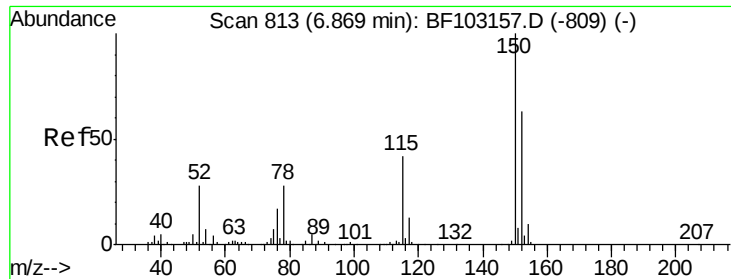
Instrument :
BNA_F
ClientSampleId :
PL-01-022818-B

Manual Integrations
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#1

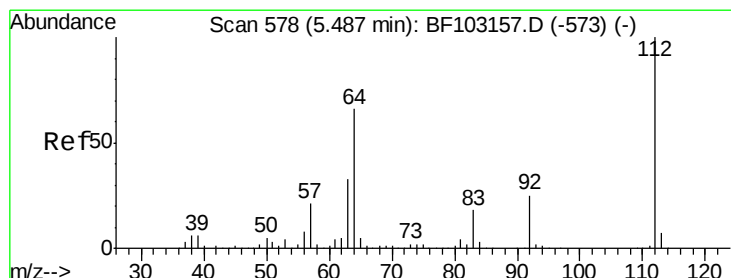
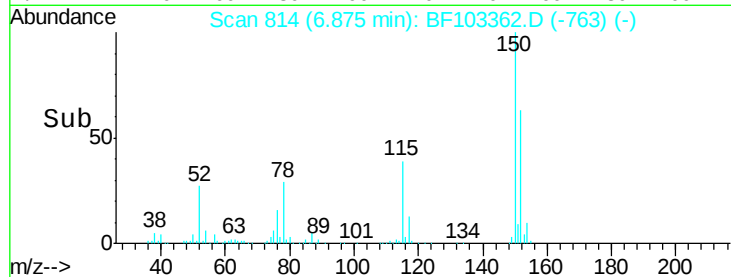
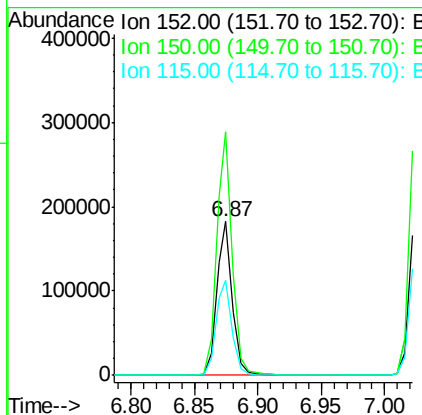
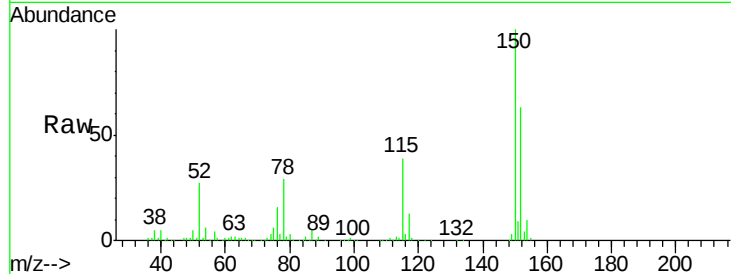
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	62.1	50.1	75.1

Manual Integrations
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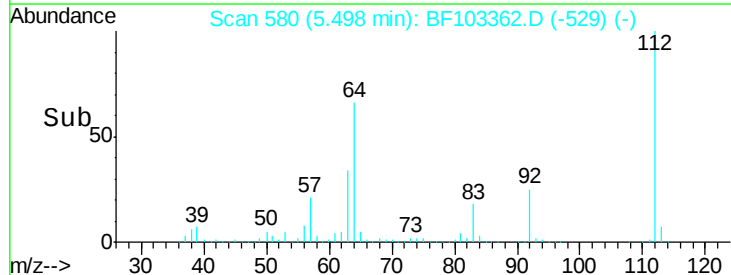
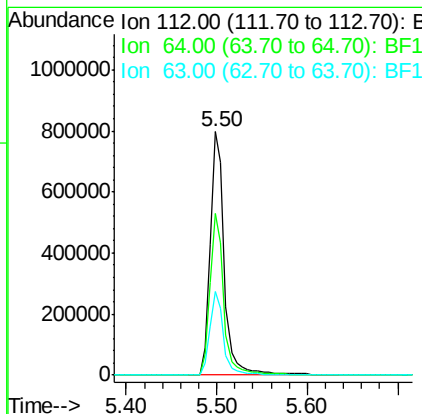
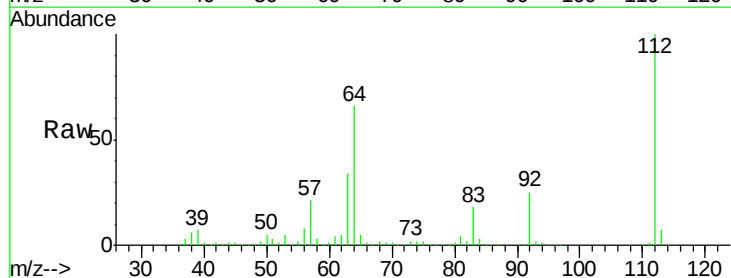
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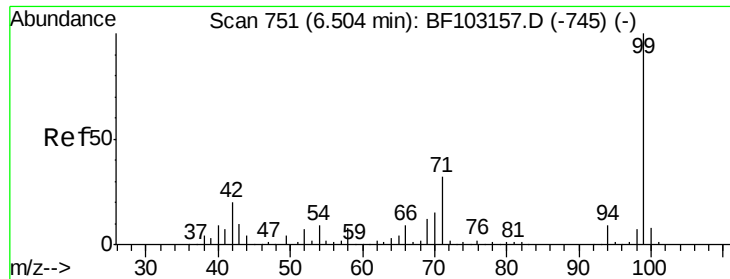


#5

2-Fluorophenol
Concen: 84.709 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	47.9	71.9
63	34.3	23.7	35.5





#7

Phenol-d6

Concen: 87.178 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF103362.D

Acq: 2 Mar 2018 13:17

Instrument :

BNA_F

ClientSampled :

PL-01-022818-B

Tot Ion: 99 Resp: 1107044

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

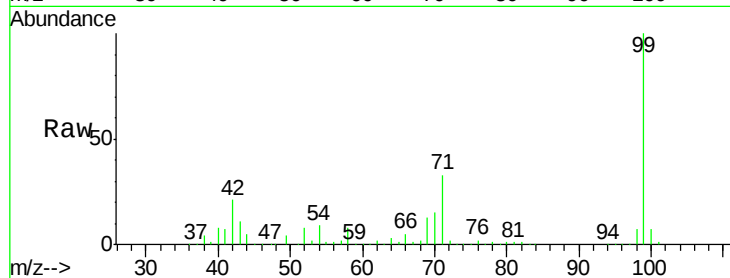
71 33.5 25.4 38.0

Manual Integrations

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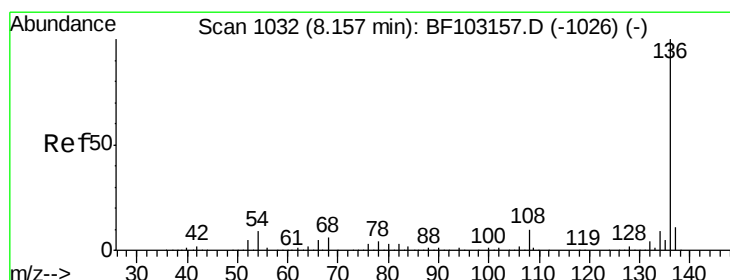
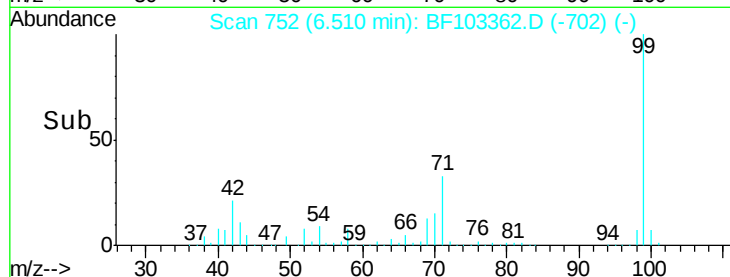
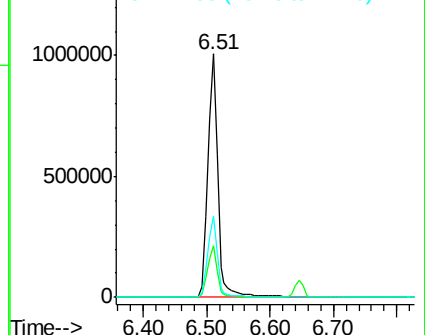
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103362.D

Acq: 2 Mar 2018 13:17

Tgt Ion: 136 Resp: 639924

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

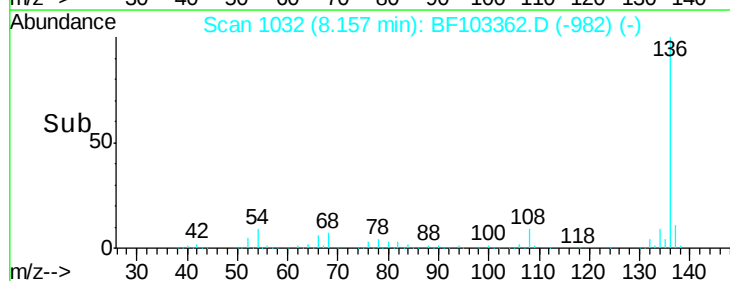
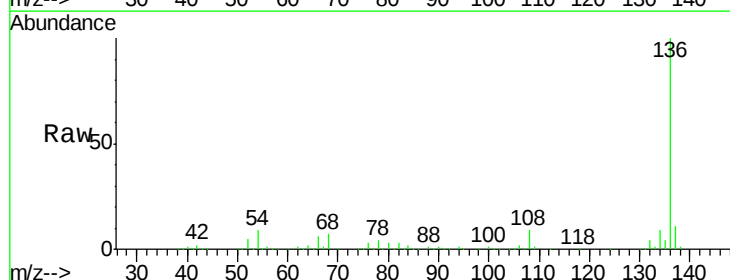
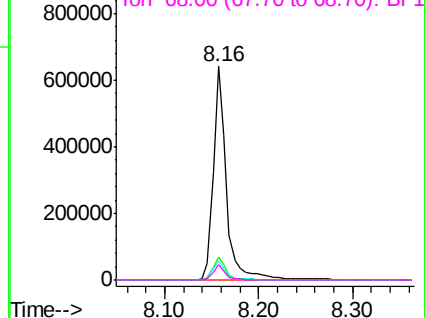
68 6.9 5.0 7.4

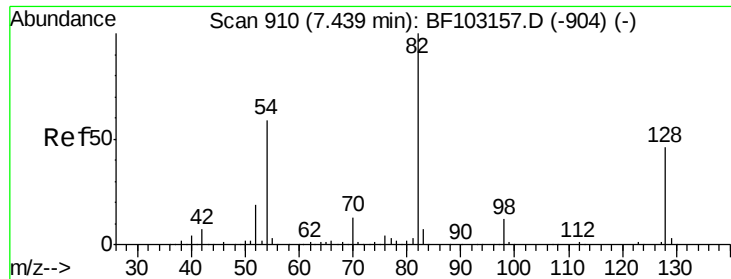
Abundance Ion 136.00 (135.70 to 136.70): E

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





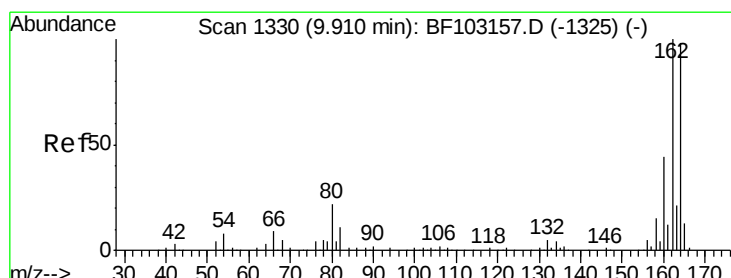
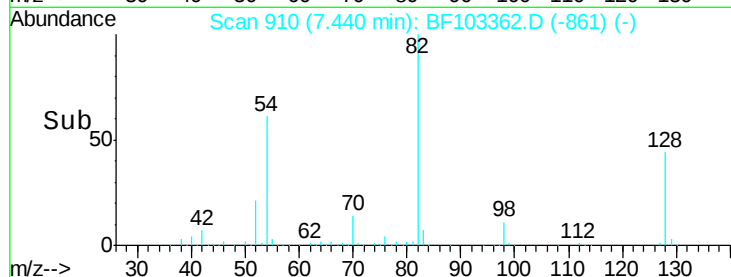
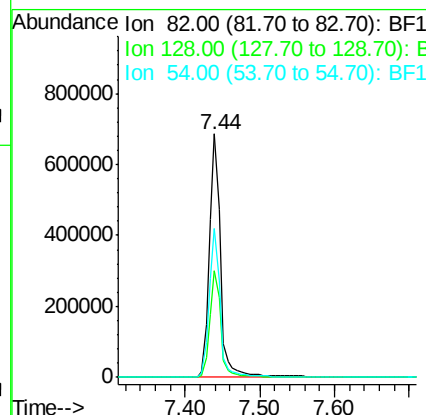
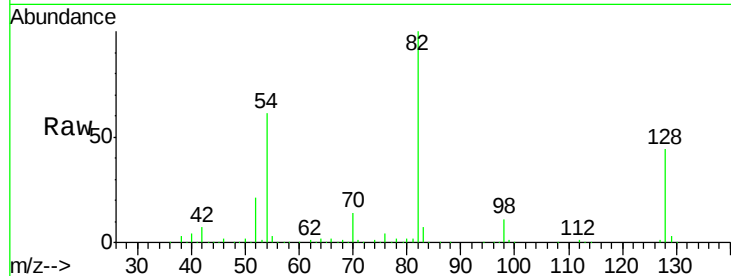
#23
 Nitrobenzene-d5
 Concen: 65.187 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	61.0	41.4	62.2

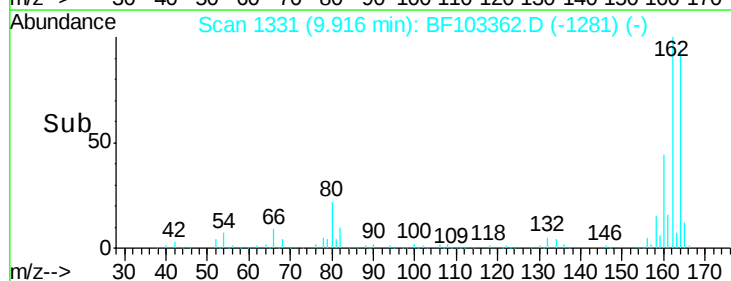
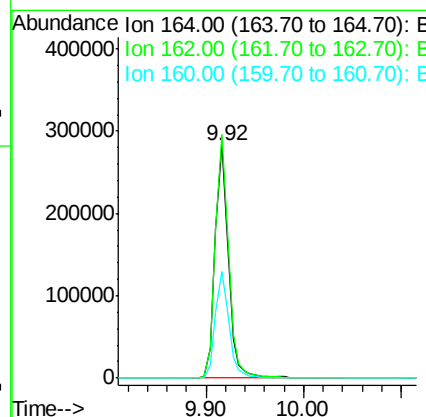
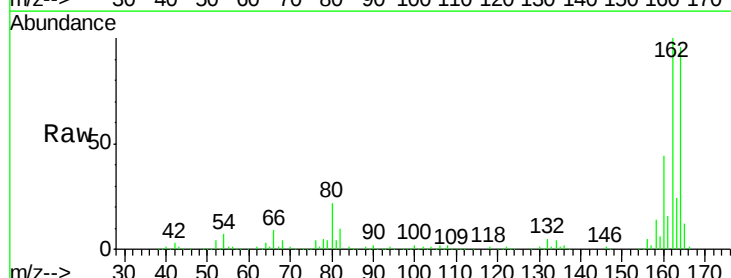
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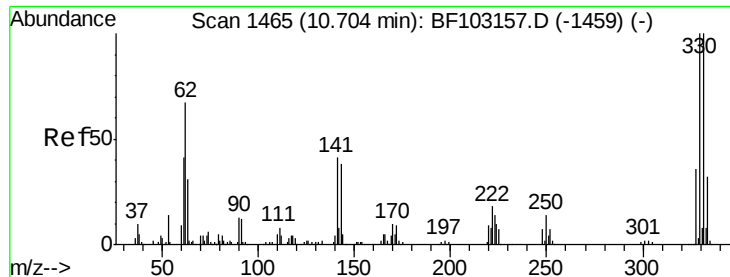
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	86.1	129.1
160	45.7	38.3	57.5





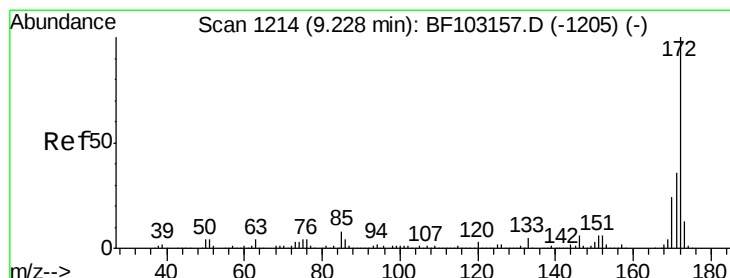
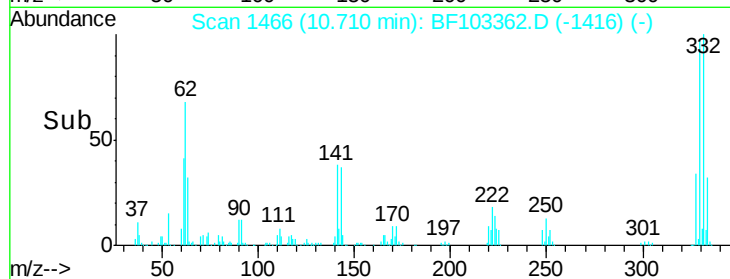
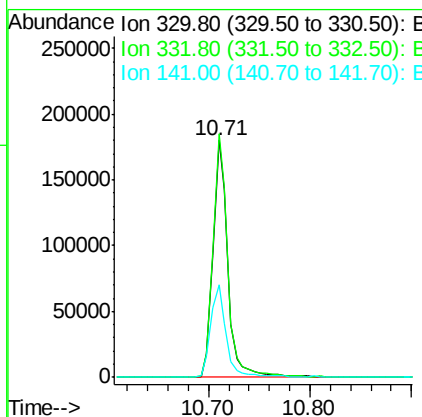
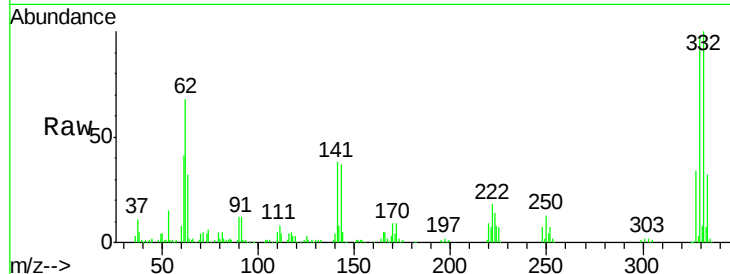
#41
 2,4,6-Tribromophenol
 Concen: 80.460 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.4	77.0	115.6
141	40.7	29.9	44.9

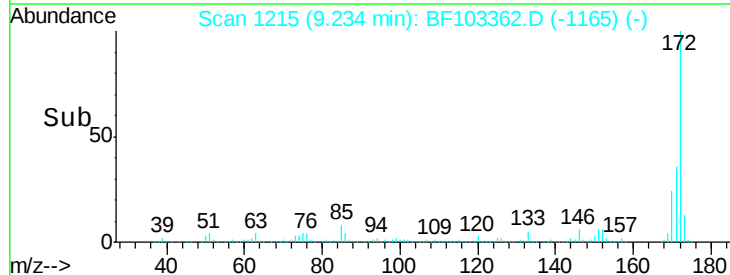
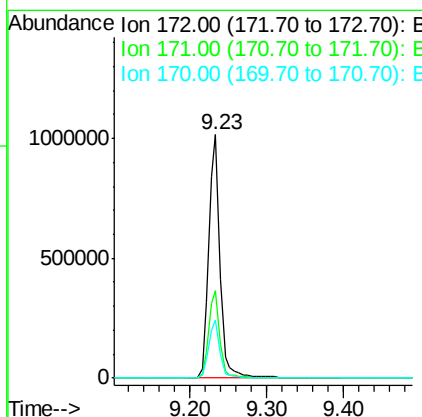
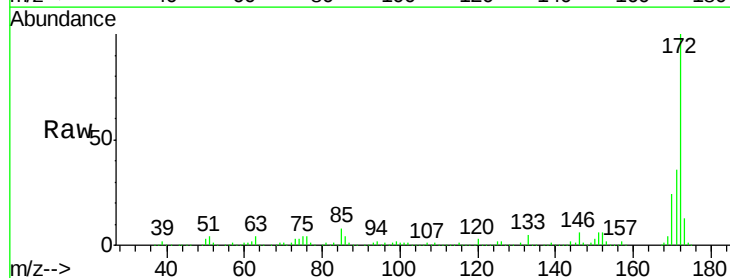
Manual Integrations
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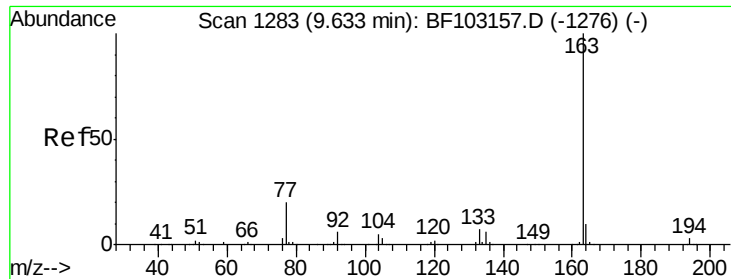
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#44
 2-Fluorobiphenyl
 Concen: 60.508 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	19.6	29.4





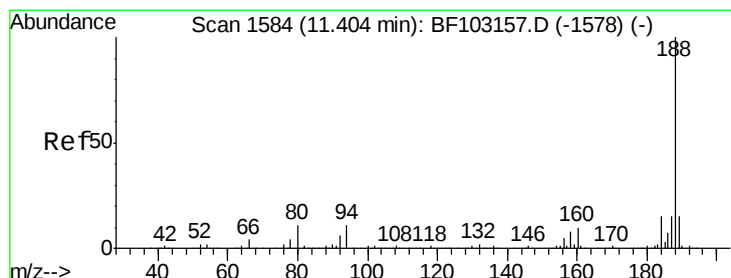
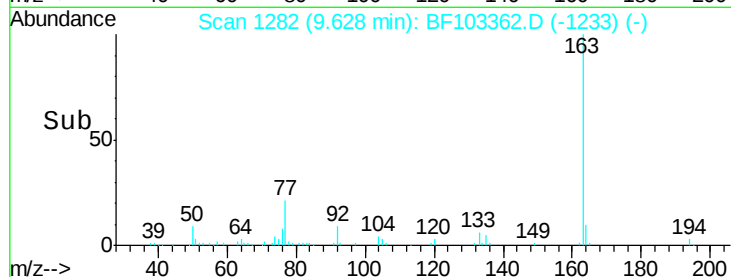
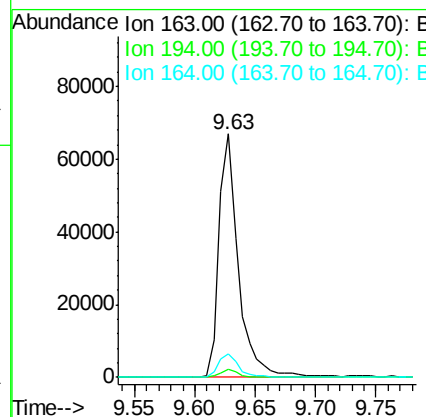
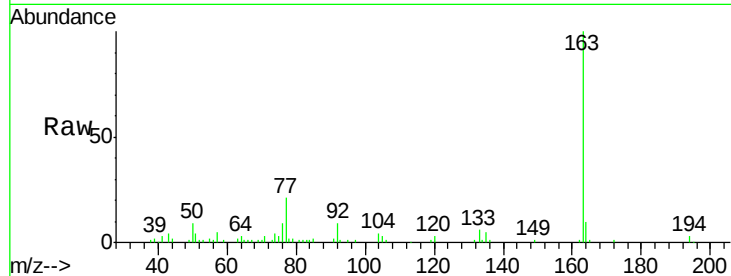
#49
Dimethylphthalate
Concen: 3.387 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

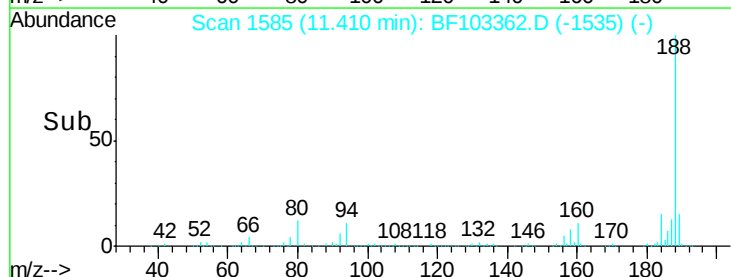
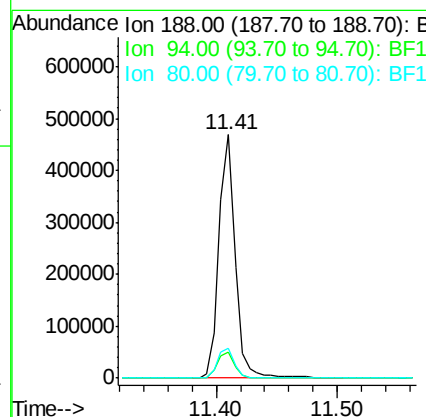
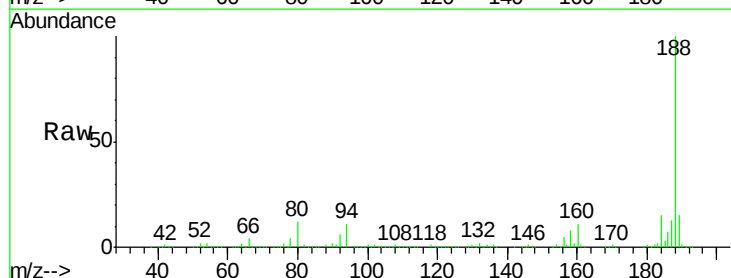
Manual Integrations
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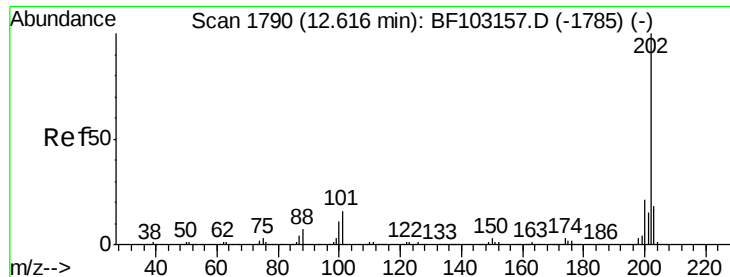
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	12.1	9.2	13.8





#74

Fluoranthene

Concen: 4.926 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF103362.D

Acq: 2 Mar 2018 13:17

Instrument :

BNA_F

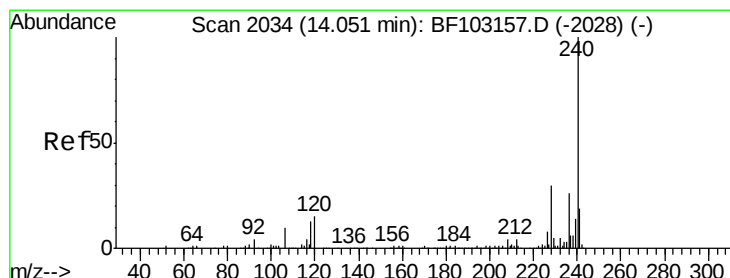
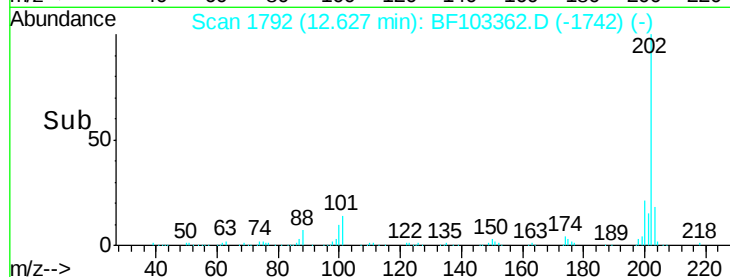
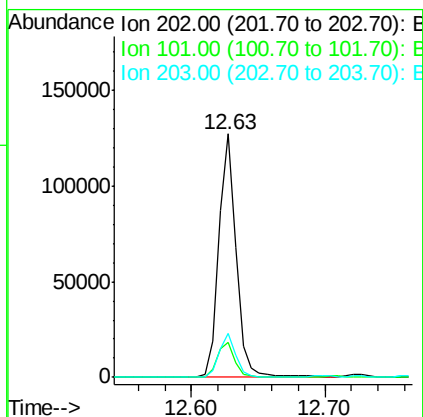
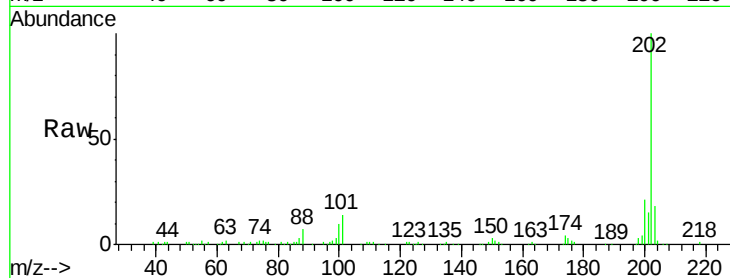
ClientSampleId :

PL-01-022818-B

Tot Ion:	202	Resp:	117497
Ion Ratio	Lower	Upper	
202	100		
101	14.5	0.0	34.1
203	18.1	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

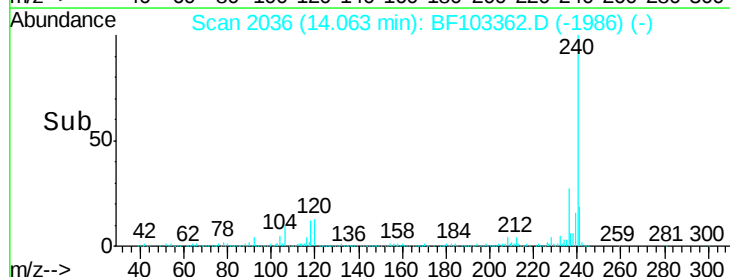
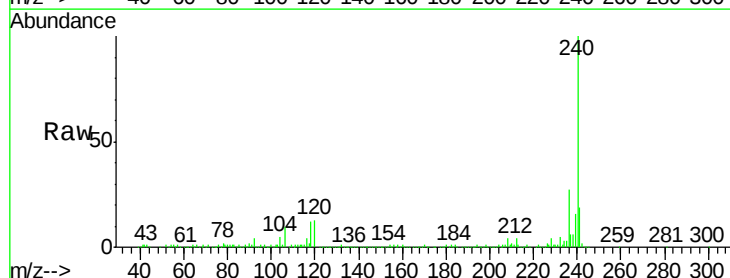
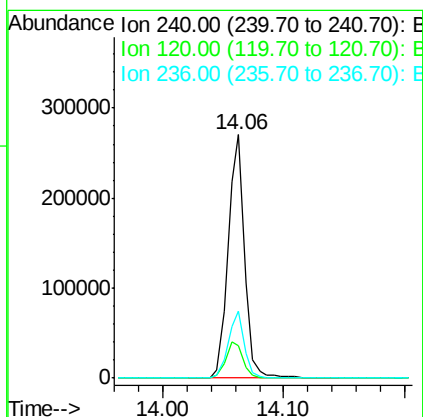
RT: 14.06 min Scan# 2036

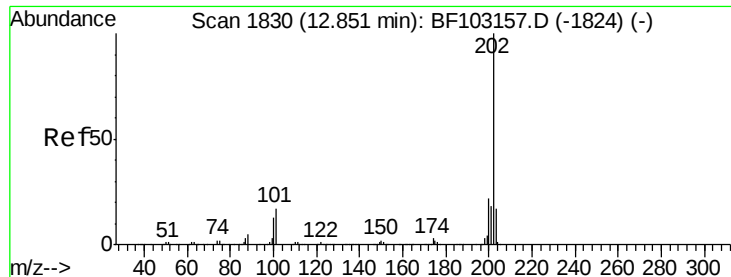
Delta R.T. -0.01 min

Lab File: BF103362.D

Acq: 2 Mar 2018 13:17

Tgt Ion:	240	Resp:	255067
Ion Ratio	Lower	Upper	
240	100		
120	13.2	9.5	14.3
236	27.3	20.7	31.1





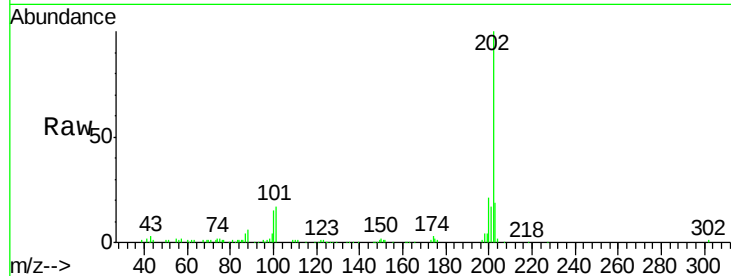
#77
Pvrene
Concen: 5.096 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	18.8	14.3	21.5

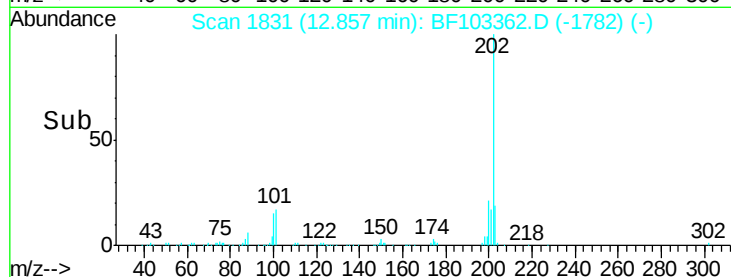
Manual Integrations
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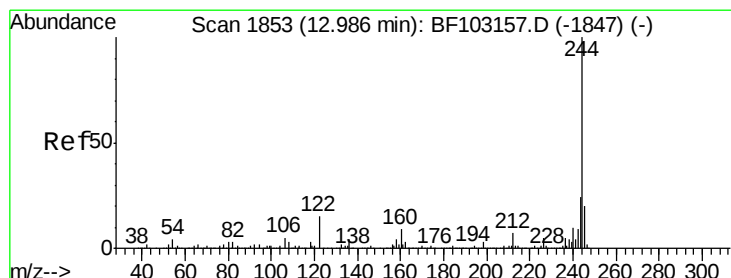


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

12.86

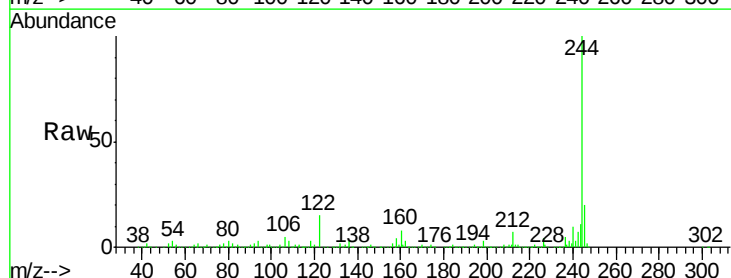


Time-->



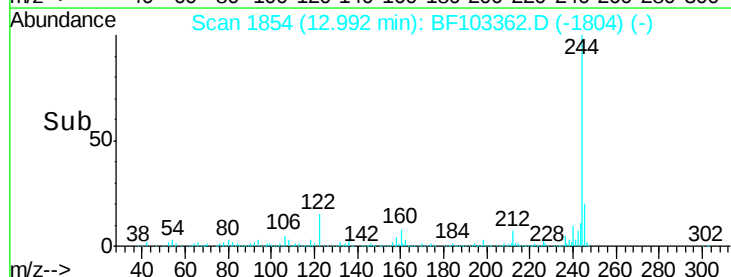
#78
Terphenyl-d14
Concen: 69.852 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	15.1	11.0	16.4

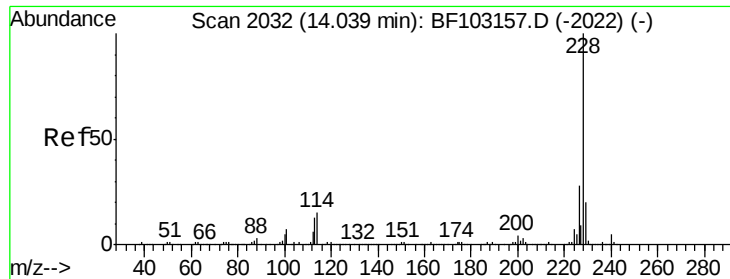


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

12.99



Time-->



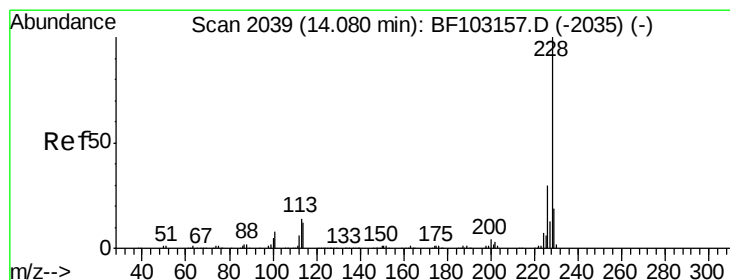
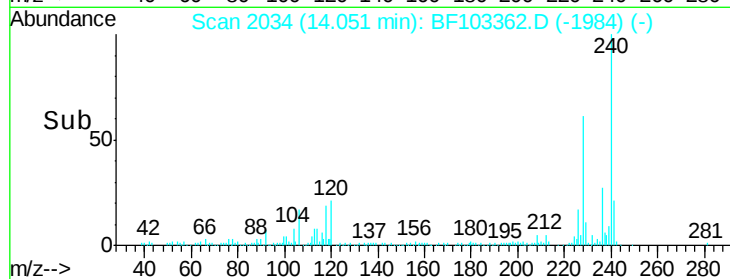
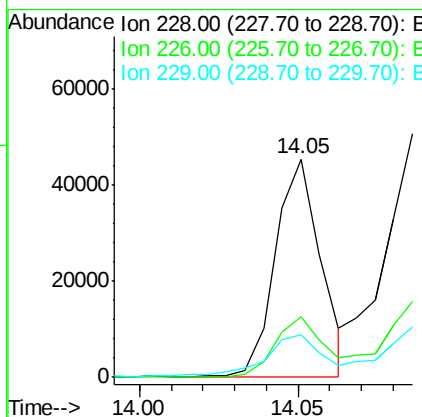
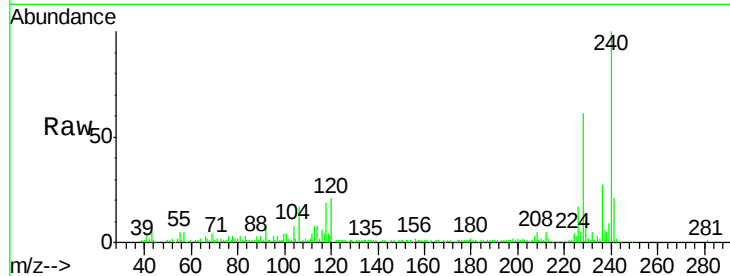
#80
Benzo(a)anthracene
Concen: 2.754 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.6	15.8	23.6

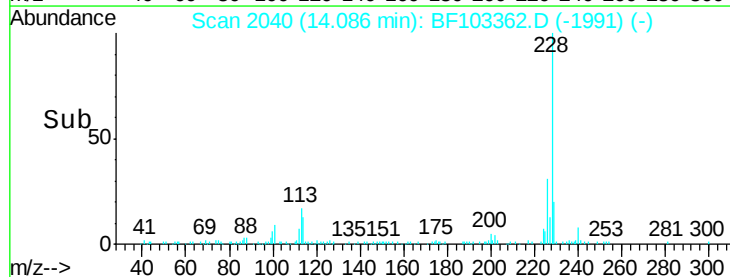
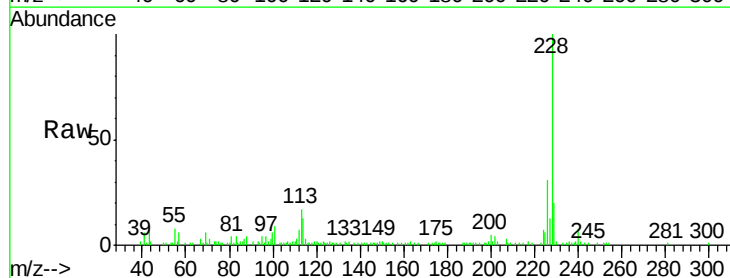
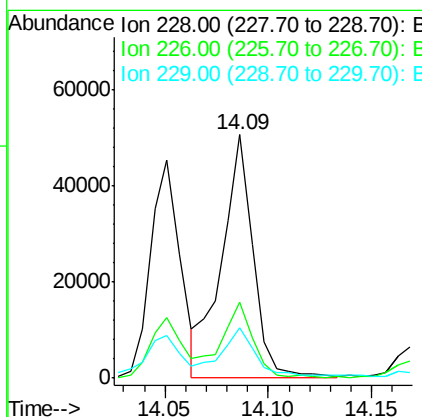
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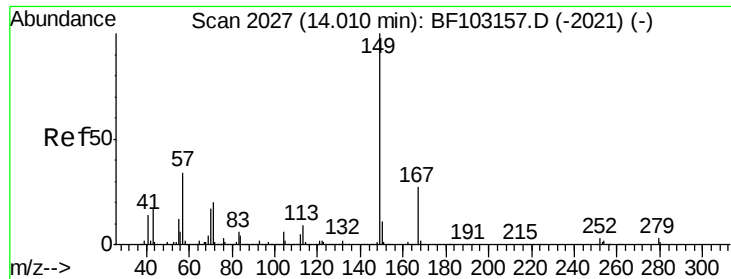
Sohil
3/5/2018 3:13:02 PM



#82
Chrysene
Concen: 3.337 ng m
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.5	16.2	24.4





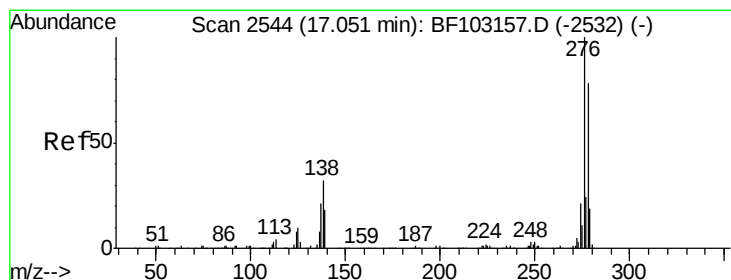
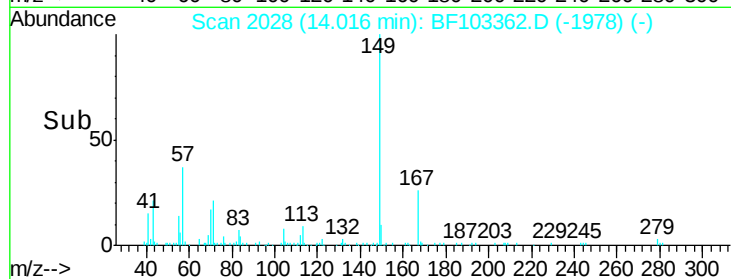
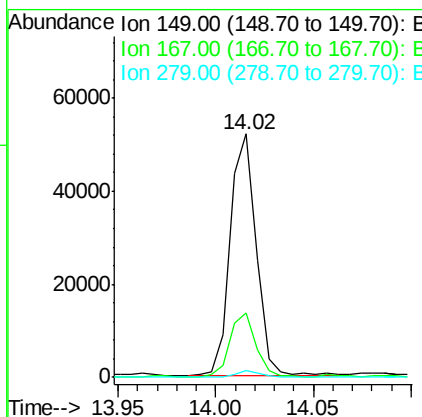
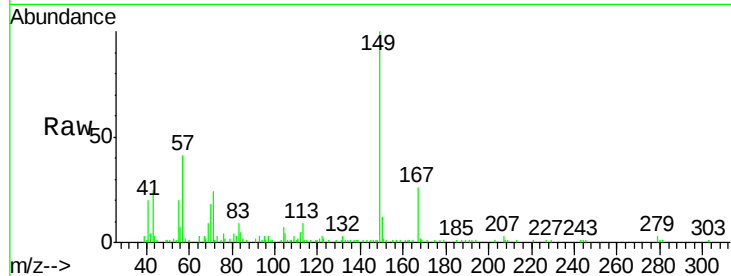
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.360 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

Instrument :
 BNA_F
 ClientSampleID :
 PL-01-022818-B

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	2.9	3.0	4.4

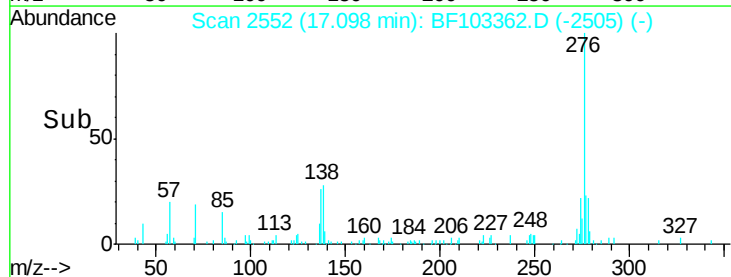
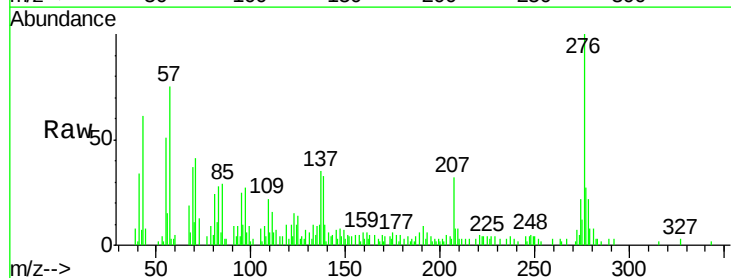
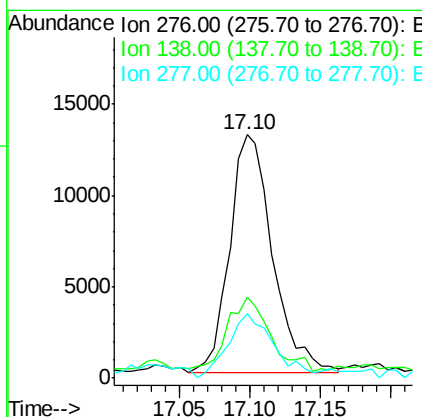
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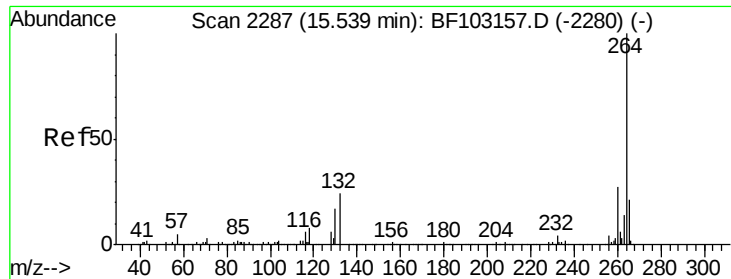
Sohil
 3/5/2018 3:13:02 PM



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.163 ng
 RT: 17.10 min Scan# 2552
 Delta R.T. -0.02 min
 Lab File: BF103362.D
 Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	29.2	20.1	30.1





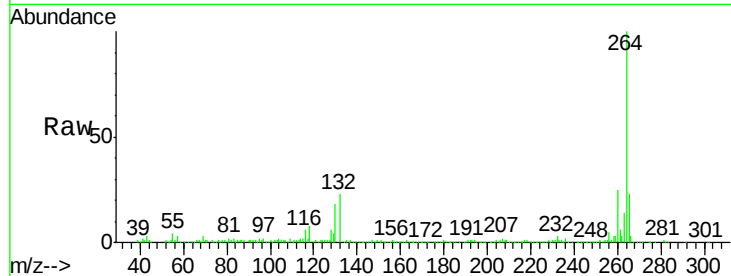
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

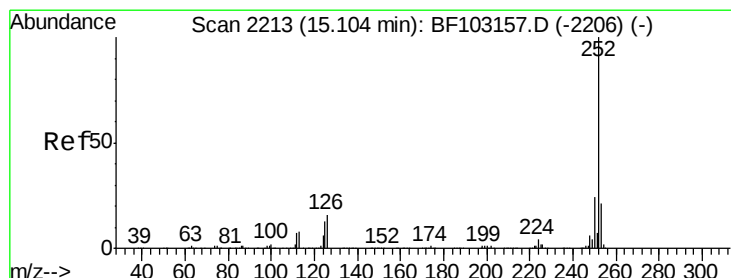
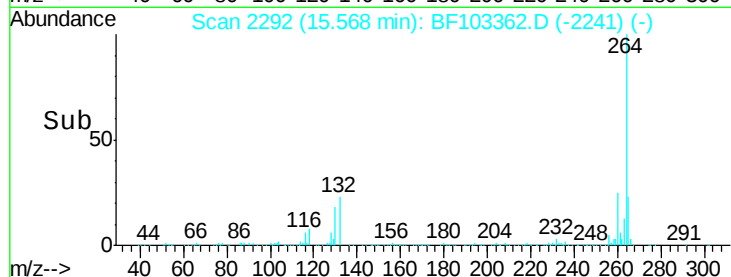
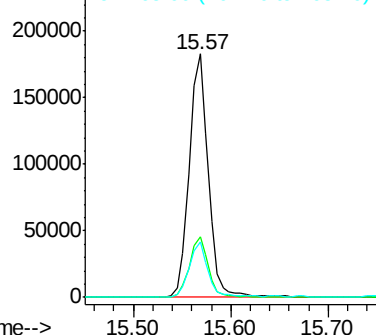
Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	23.0	17.5	26.3

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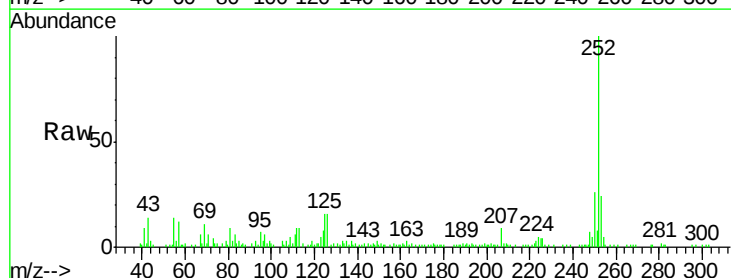


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

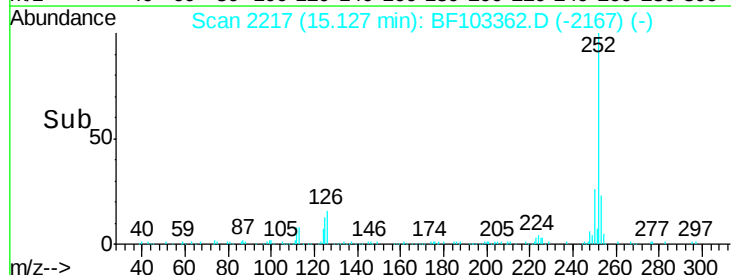
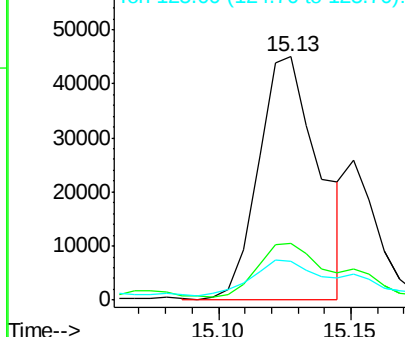


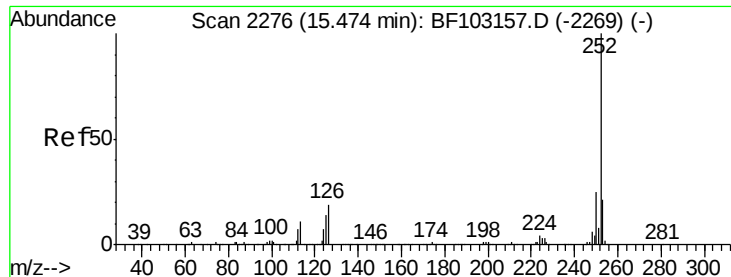
#87
Benzo(b)fluoranthene
Concen: 4.409 ng m
RT: 15.13 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.0	25.6
125	15.7	9.0	13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





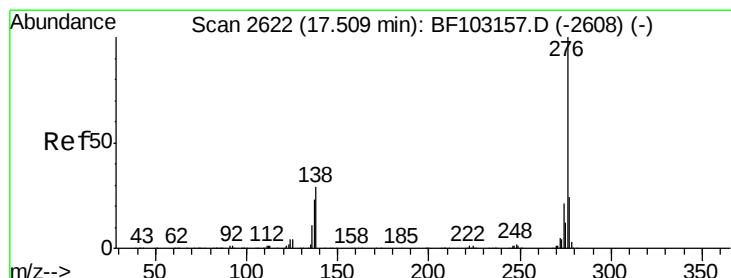
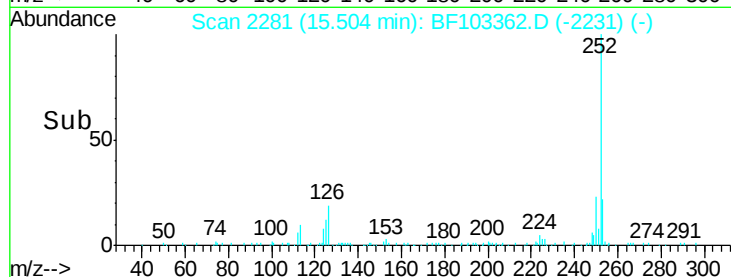
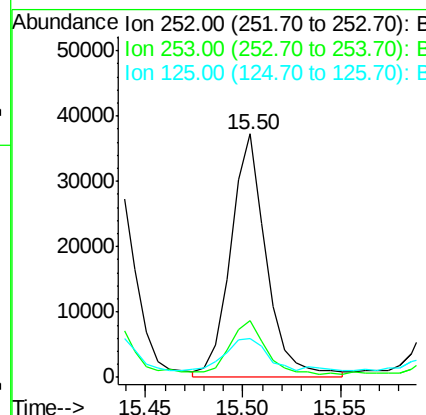
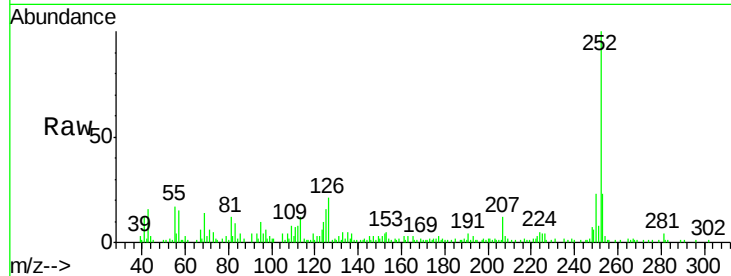
#89
Benzo(a)pyrene
Concen: 3.236 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	16.0	9.8	14.6

Manual Integrations
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3/5/2018 3:13:02 PM



#91
Benzo(g,h,i)perylene
Concen: 2.779 ng
RT: 17.57 min Scan# 2632
Delta R.T. -0.01 min
Lab File: BF103362.D
Acq: 2 Mar 2018 13:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.9	26.9
138	31.8	21.8	32.8

