

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103521.D
 Acq On : 8 Mar 2018 17:21
 Operator : SJ/JU
 Sample : J1748-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-C

Manual Integrations
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Sohil
 3/9/2018 11:39:25 AM

Quant Time: Mar 09 00:22:20 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	151573	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	628347	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	253839	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	378762	20.00	ng	0.00
75) Chrysene-d12	14.06	240	241380	20.00	ng	0.00
86) Perylene-d12	15.56	264	190273	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	922695	92.07	ng	0.00
7) Phenol-d6	6.50	99	1154401	94.14	ng	0.00
23) Nitrobenzene-d5	7.43	82	767378	69.74	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	159187	74.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	913673	57.22	ng	0.00
78) Terphenyl-d14	12.99	244	584076	58.17	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	91017	4.366	ng	98
73) Di-n-butylphthalate	11.95	149	151748	5.697	ng	98
74) Fluoranthene	12.62	202	118014	5.634	ng	97
77) Pyrene	12.86	202	114055	6.060	ng	99
80) Benzo(a)anthracene	14.05	228	53949m	3.445	ng	
82) Chrysene	14.08	228	57911	3.808	ng	97
87) Benzo(b)fluoranthene	15.12	252	36902m	2.950	ng	

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

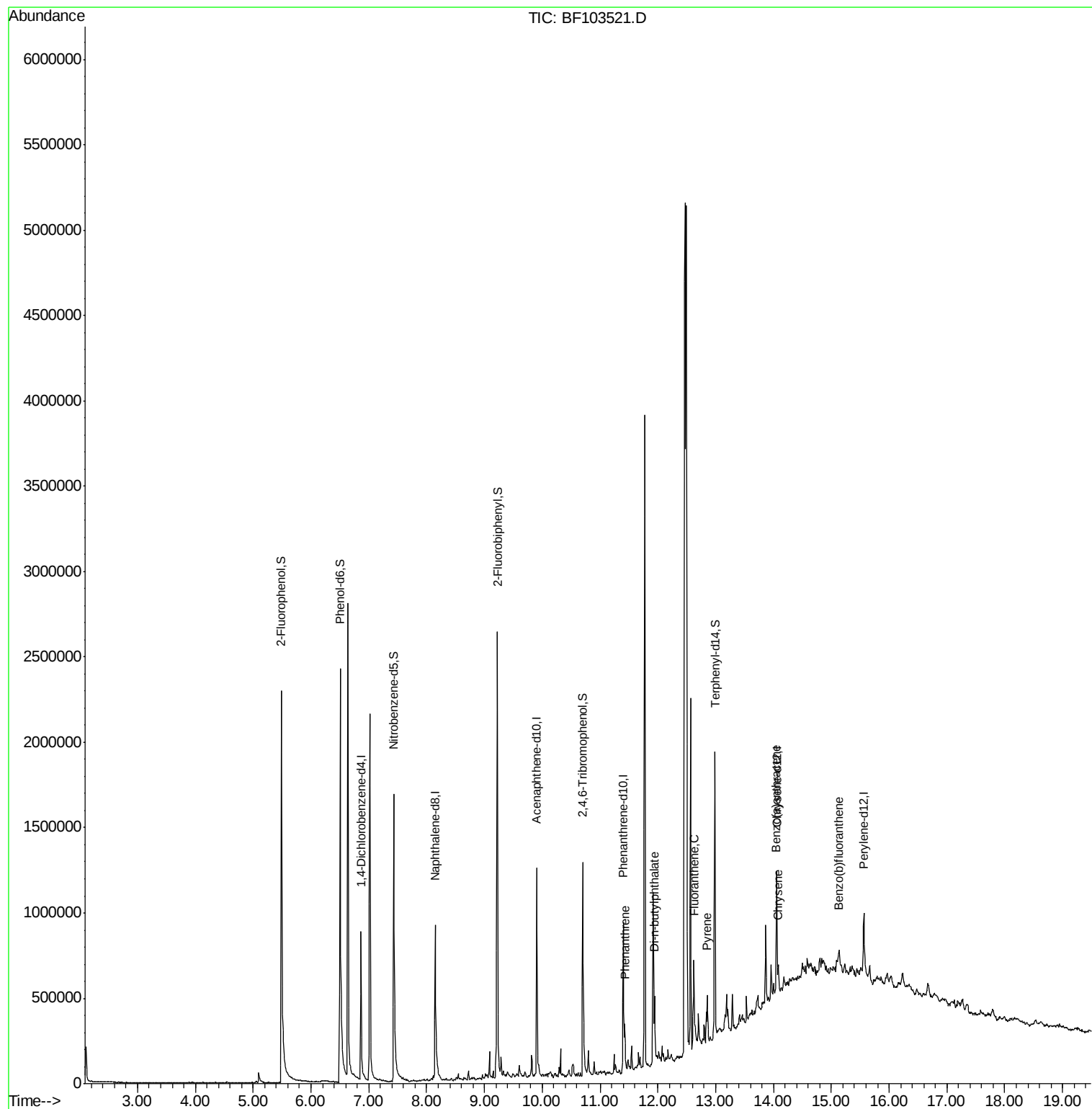
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103521.D
Acq On : 8 Mar 2018 17:21
Operator : SJ/JU
Sample : J1748-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
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3/9/2018 11:39:25 AM

Quant Time: Mar 09 00:22:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration





#1

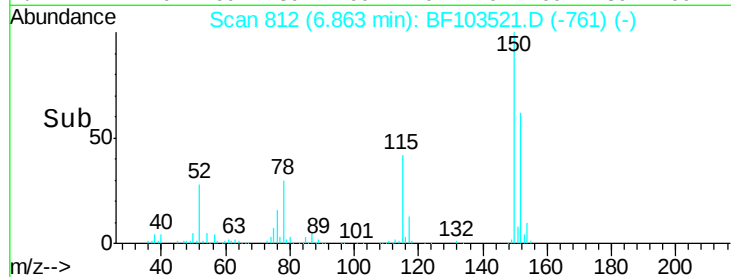
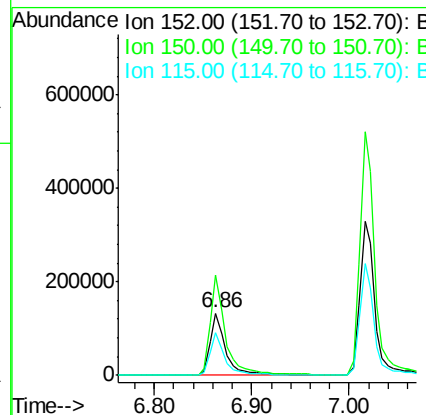
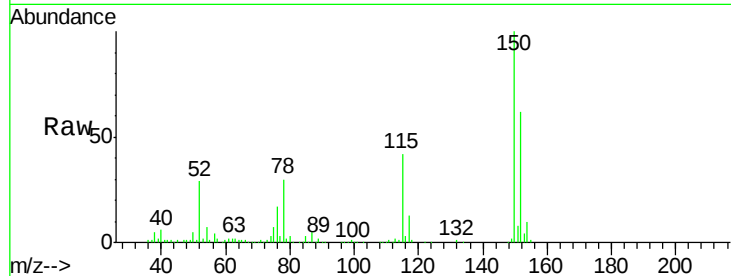
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.7	124.6	186.8
115	67.6	50.1	75.1

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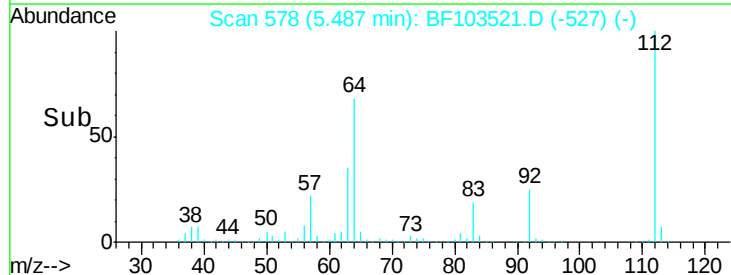
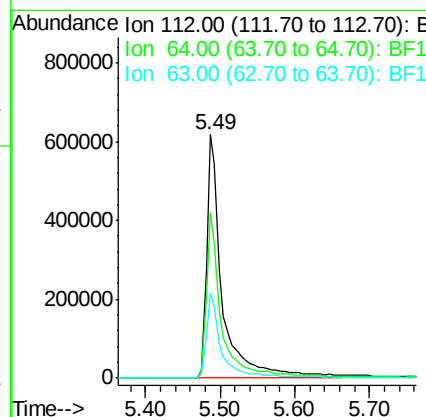
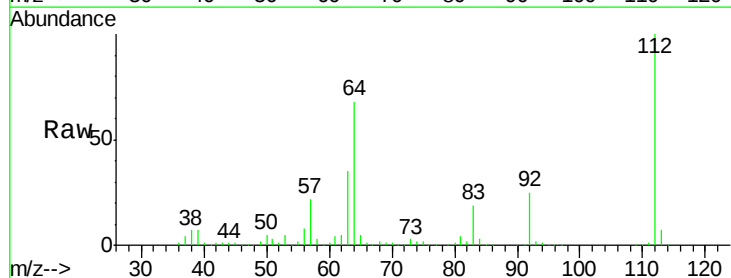
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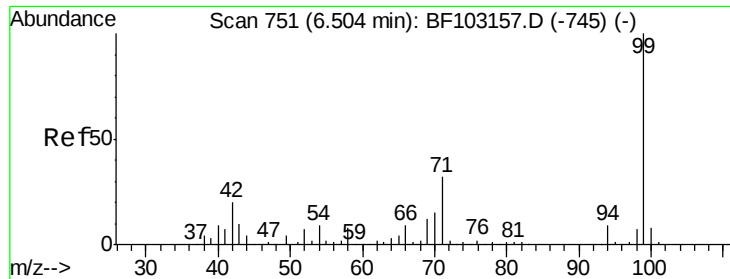


#5

2-Fluorophenol
Concen: 92.069 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	47.9	71.9
63	34.7	23.7	35.5





#7

Phenol-d6

Concen: 94.135 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103521.D

Acq: 8 Mar 2018 17:21

Instrument :

BNA_F

ClientSampleId :

AU-06-030618-C

Tot Ion: 99 Resp: 1154401

Ion Ratio Lower Upper

99 100

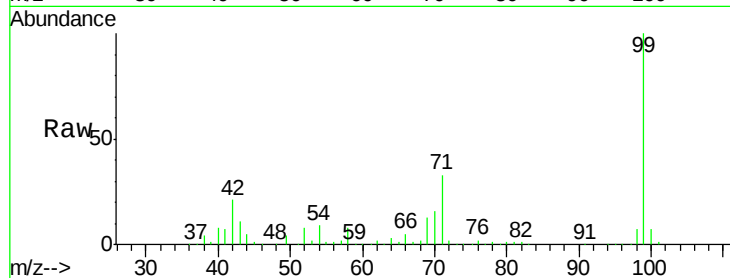
42 20.6 14.5 21.7

71 32.6 25.4 38.0

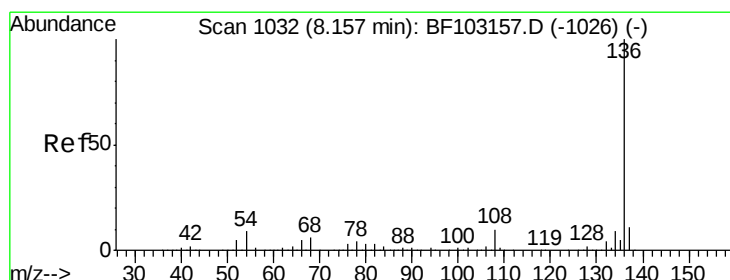
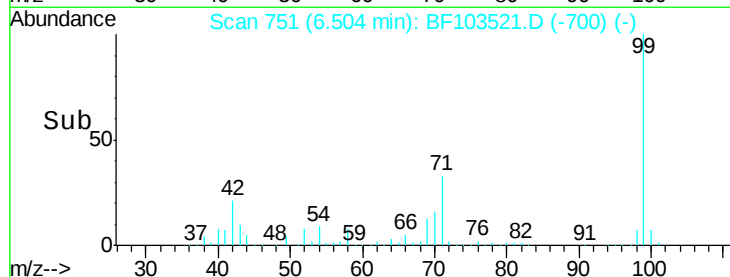
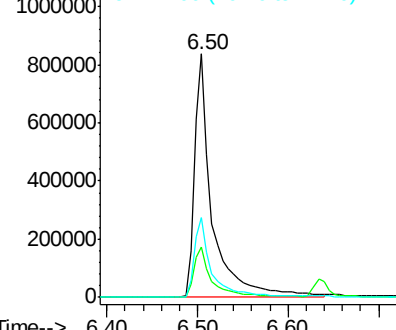
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF103521.D

Acq: 8 Mar 2018 17:21

Tgt Ion: 136 Resp: 628347

Ion Ratio Lower Upper

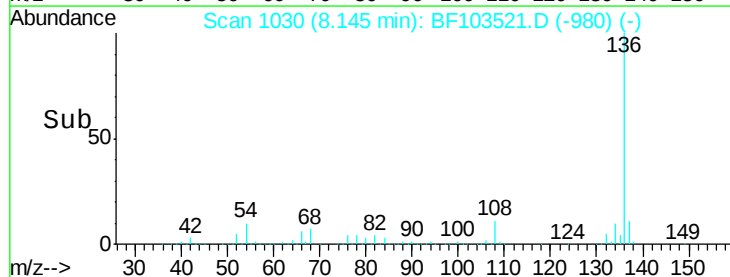
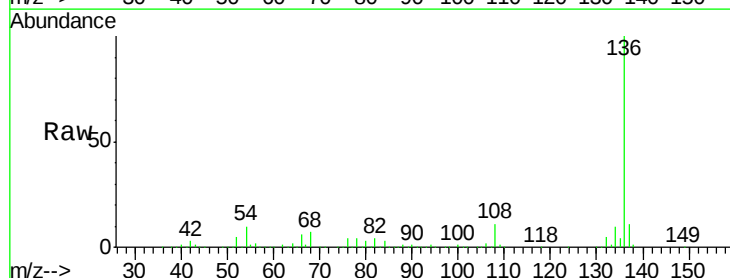
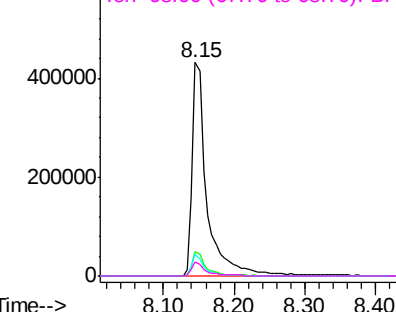
136 100

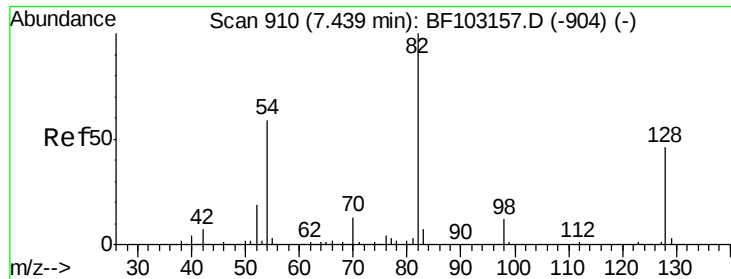
137 11.2 8.9 13.3

54 10.1 6.6 9.8#

68 6.8 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





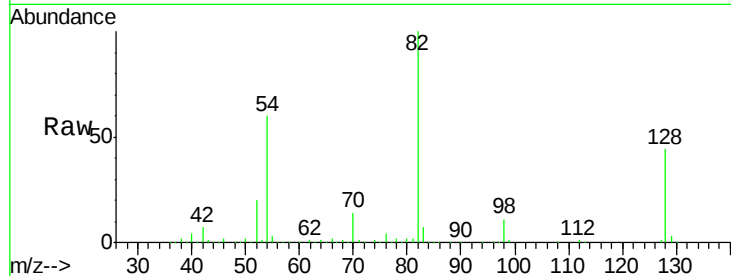
#23
Nitrobenzene-d5
Concen: 69.745 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-C

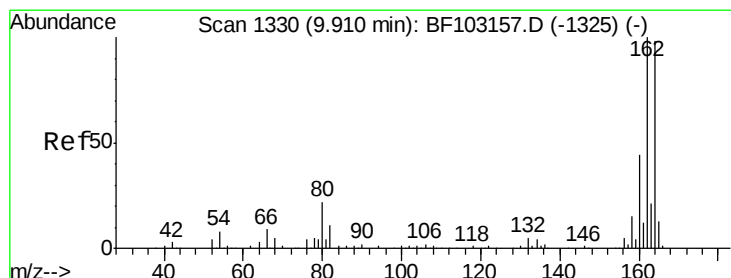
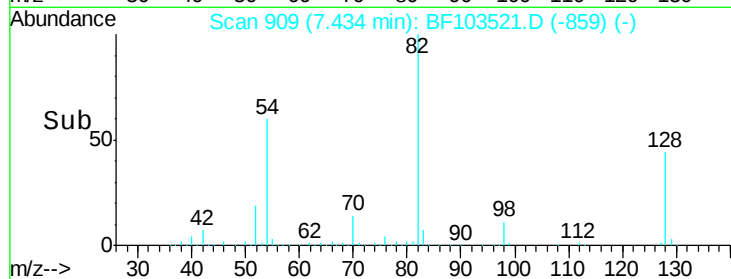
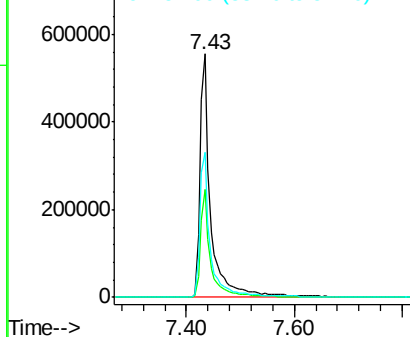
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	59.5	41.4	62.2

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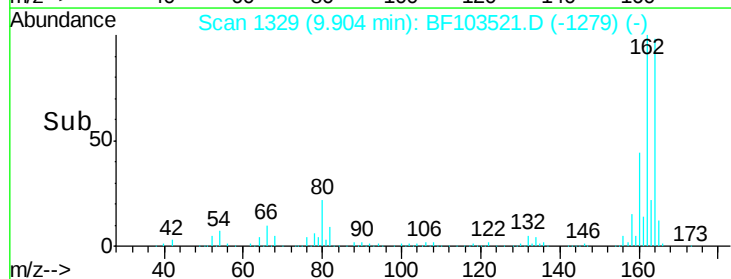
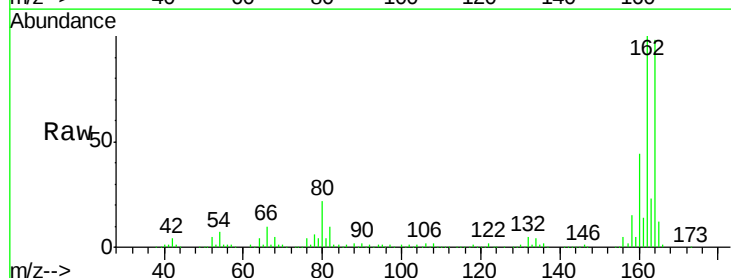
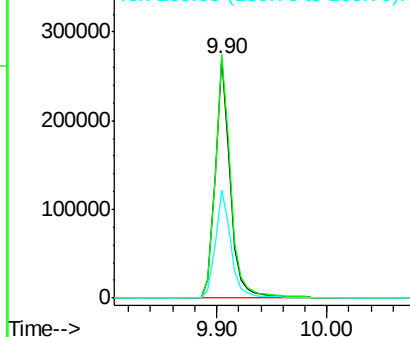
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	44.9	38.3	57.5

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





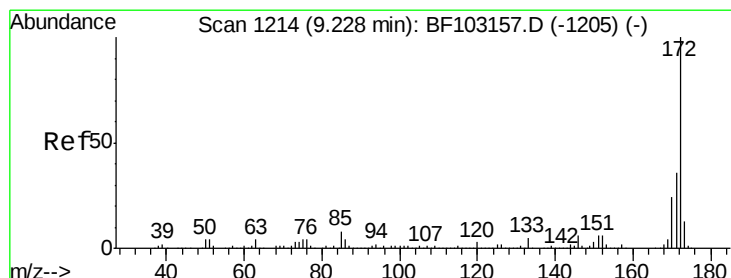
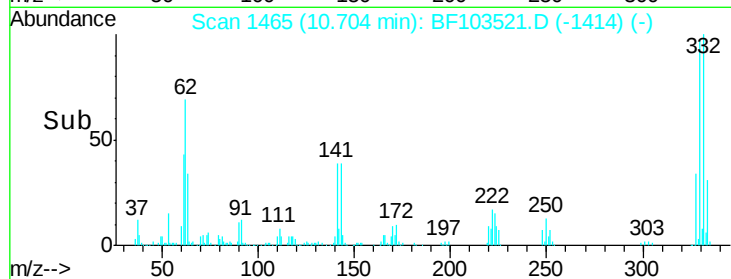
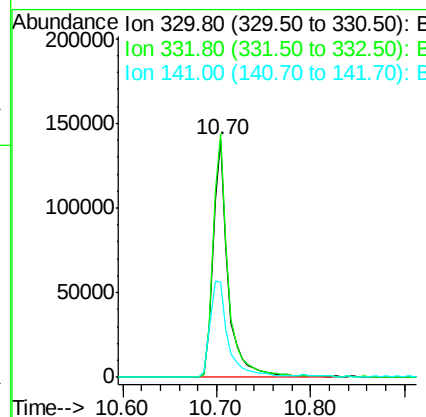
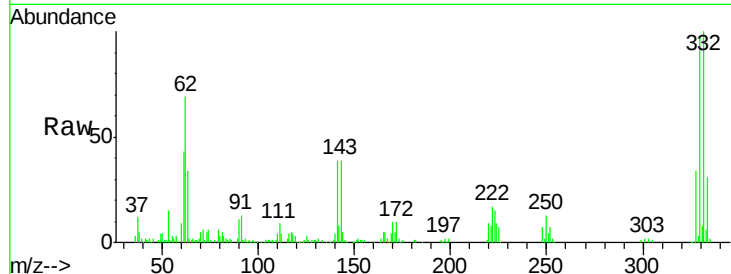
#41
 2,4,6-Tribromophenol
 Concen: 74.088 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103521.D
 Acq: 8 Mar 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.6	77.0	115.6	
141	47.1	29.9	44.9	

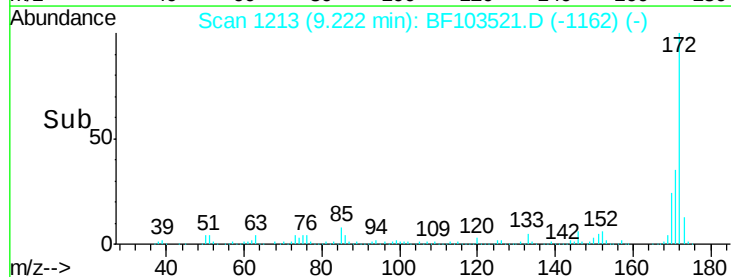
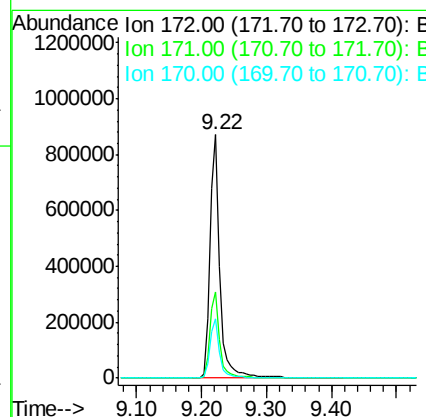
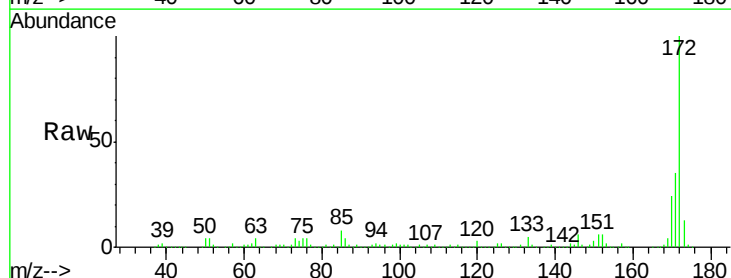
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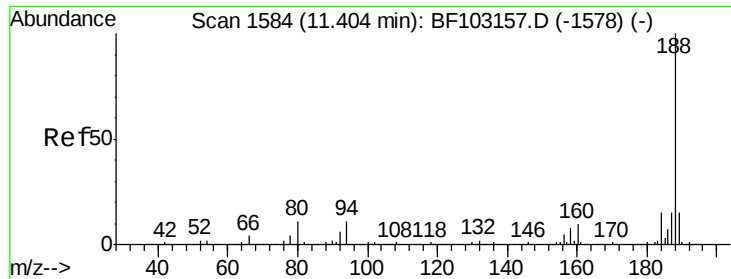
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#44
 2-Fluorobiphenyl
 Concen: 57.223 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103521.D
 Acq: 8 Mar 2018 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.7	44.5	
170	24.4	19.6	29.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF103521.D

Acq: 8 Mar 2018 17:21

Instrument :

BNA_F

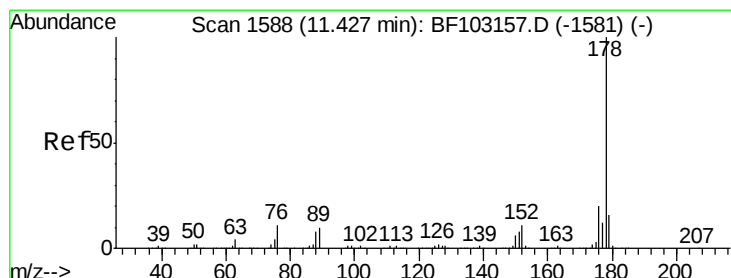
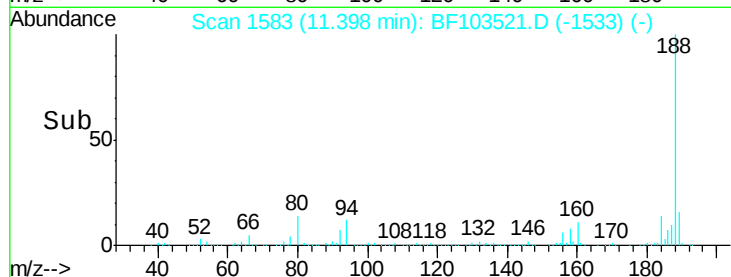
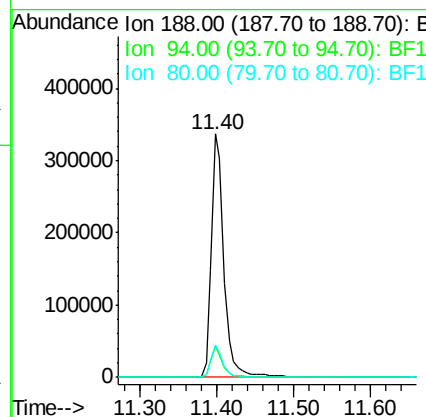
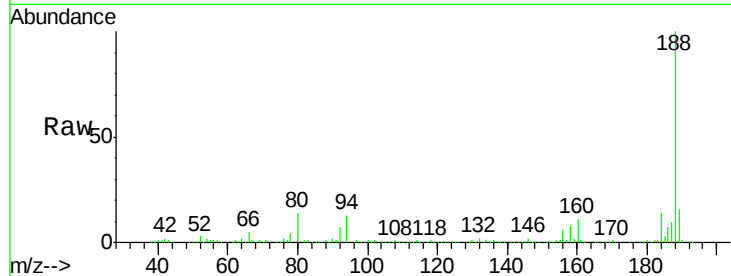
ClientSampleId :

AU-06-030618-C

Tot Ion:	188	Resp:	378762
Ion Ratio	Lower	Upper	
188	100		
94	12.6	8.5	12.7
80	13.6	9.2	13.8

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#70

Phenanthrene

Concen: 4.366 ng

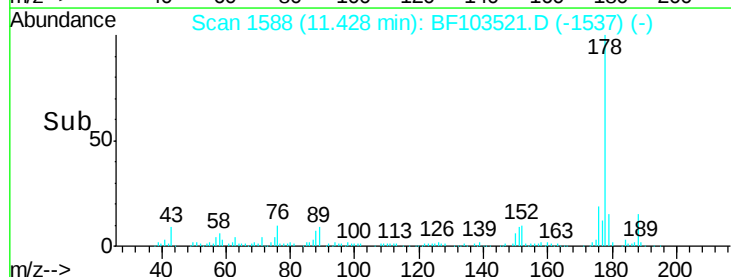
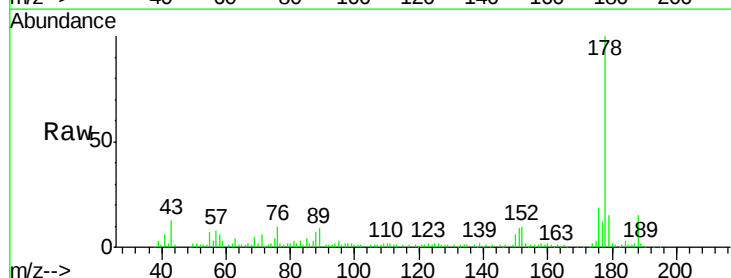
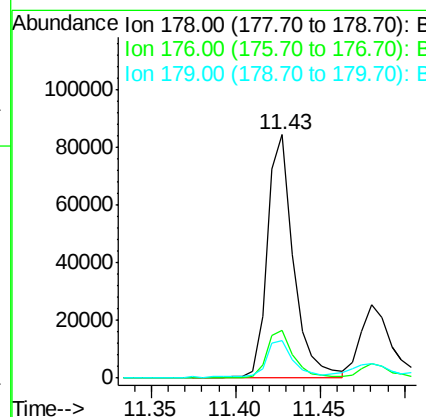
RT: 11.43 min Scan# 1588

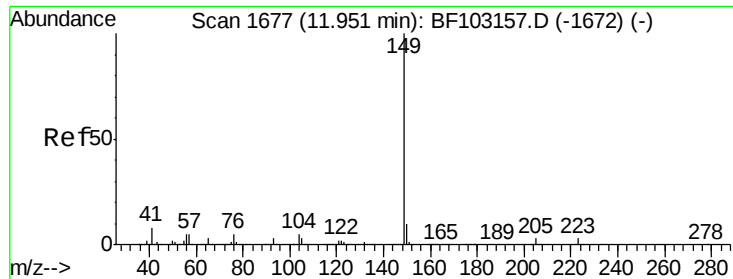
Delta R.T. 0.00 min

Lab File: BF103521.D

Acq: 8 Mar 2018 17:21

Tgt Ion:	178	Resp:	91017
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.8	23.8
179	15.2	13.0	19.6





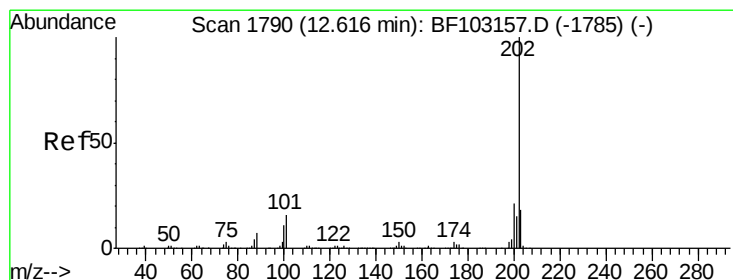
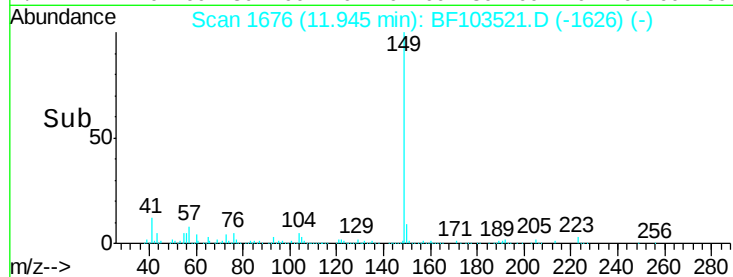
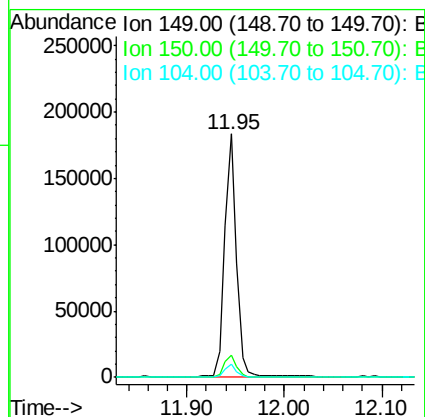
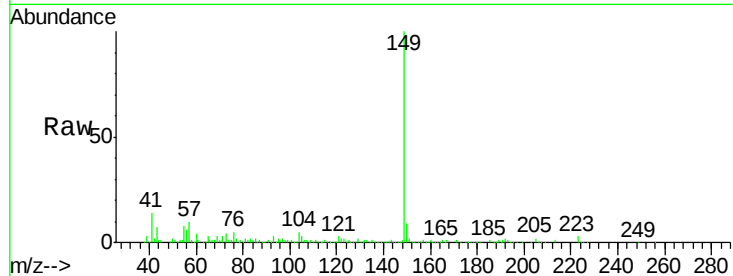
#73
Di-n-butylphthalate
Concen: 5.697 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-C

Tot Ion:	149	Resp:	151748
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	5.4	3.8	5.8

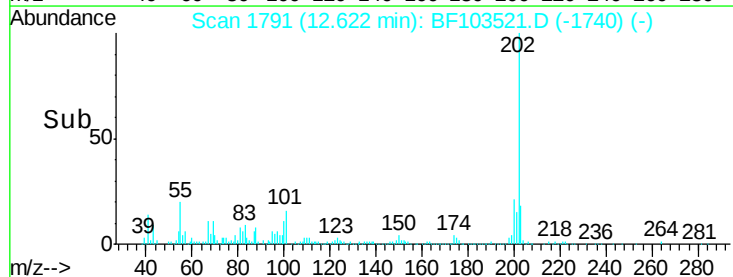
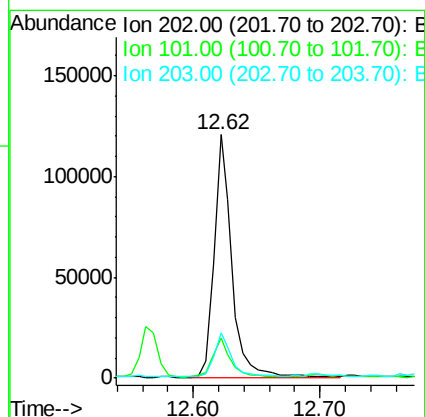
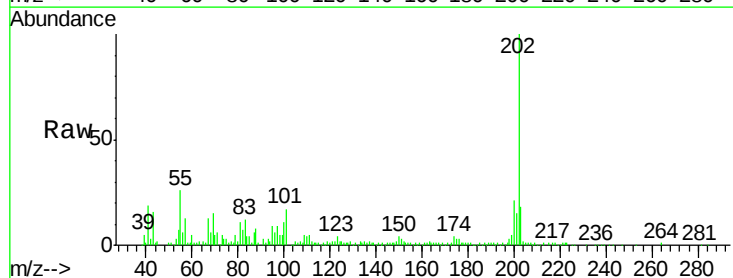
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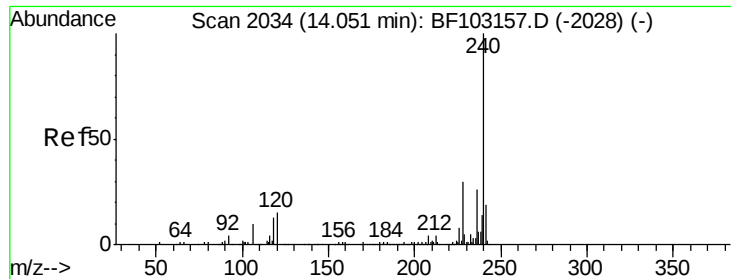
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#74
Fluoranthene
Concen: 5.634 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.00 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:	202	Resp:	118014
Ion Ratio	Lower	Upper	
202	100		
101	16.5	0.0	34.1
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF103521.D

Acq: 8 Mar 2018 17:21

Instrument :

BNA_F

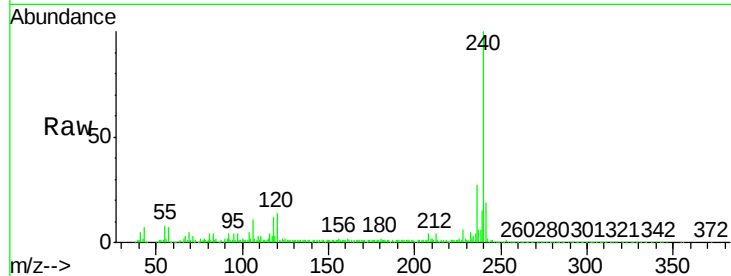
ClientSampleId :

AU-06-030618-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.5	14.3
236	27.0	20.7	31.1

Manual Integrations
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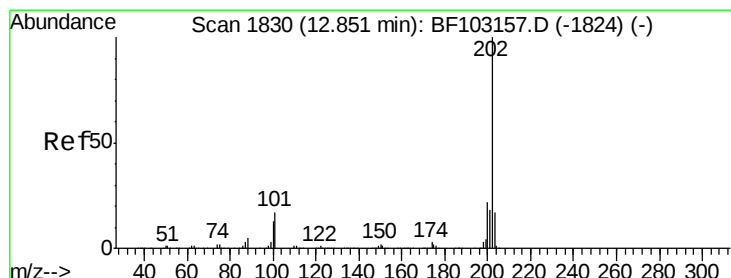
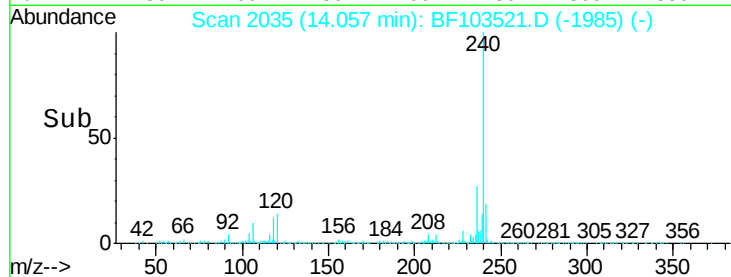
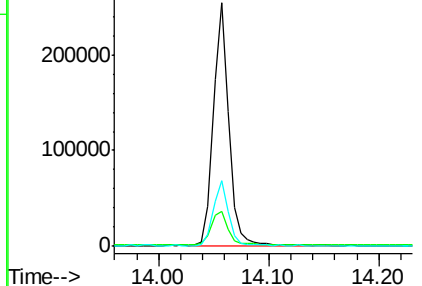
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 6.060 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF103521.D

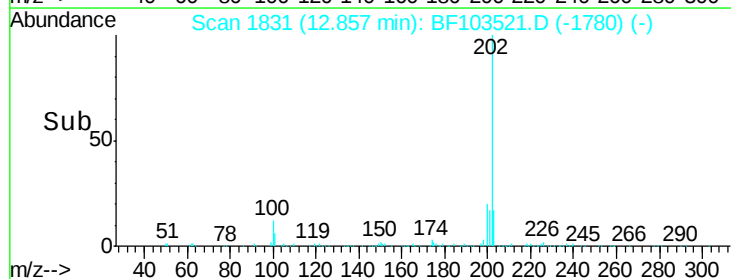
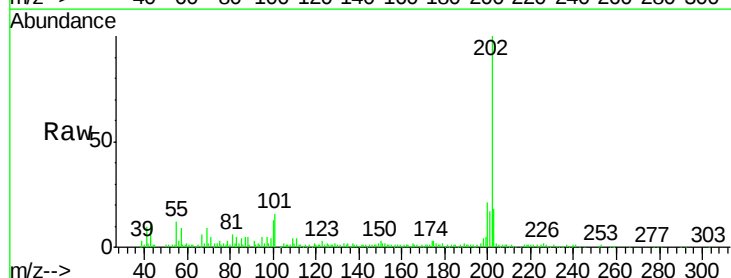
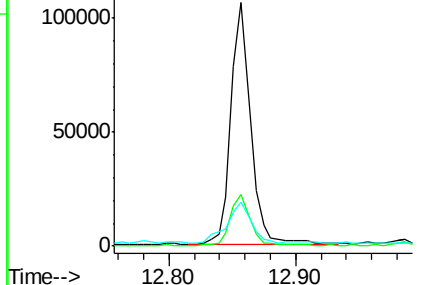
Acq: 8 Mar 2018 17:21

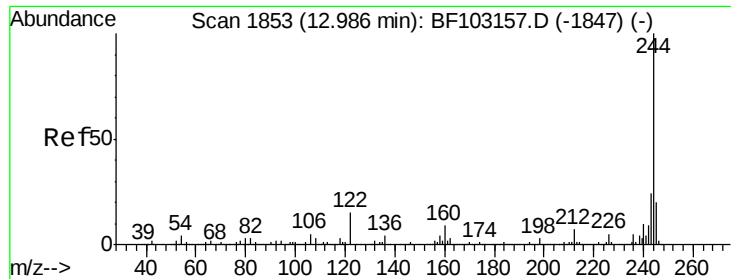
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.8	14.3	21.5

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





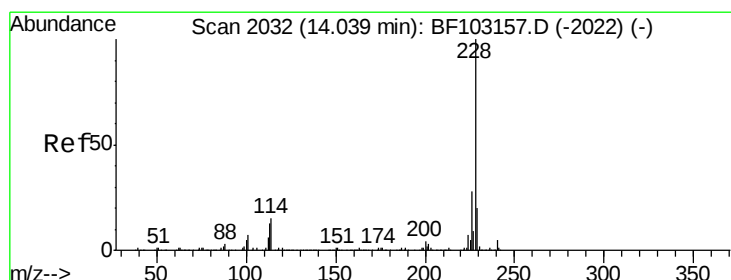
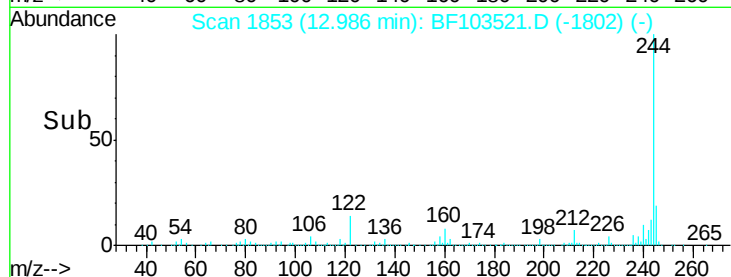
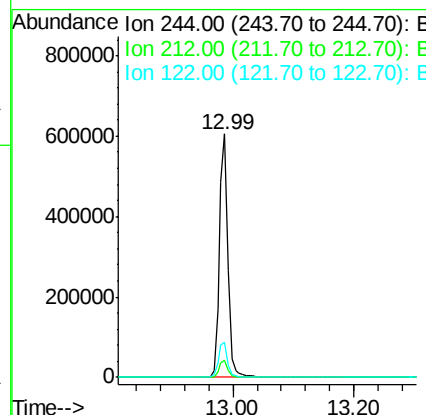
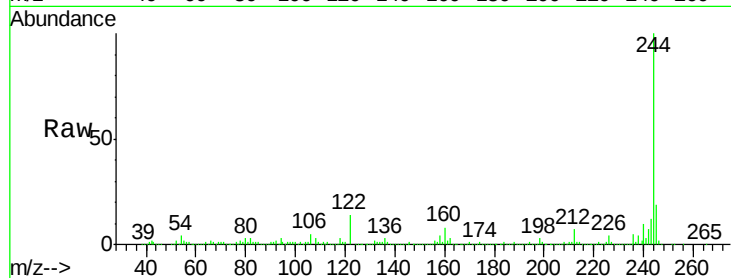
#78
 Terphenyl-d14
 Concen: 58.167 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: BF103521.D
 Acq: 8 Mar 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.1	11.0	16.4

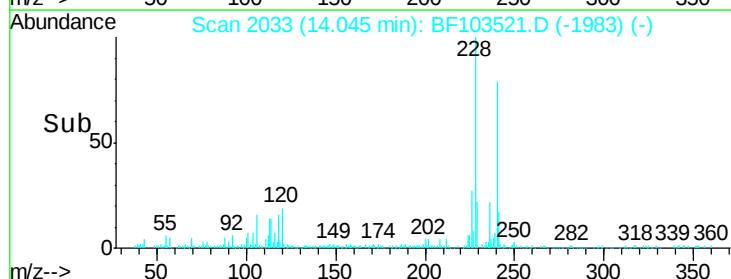
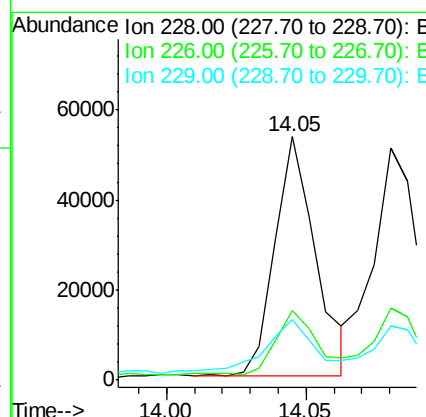
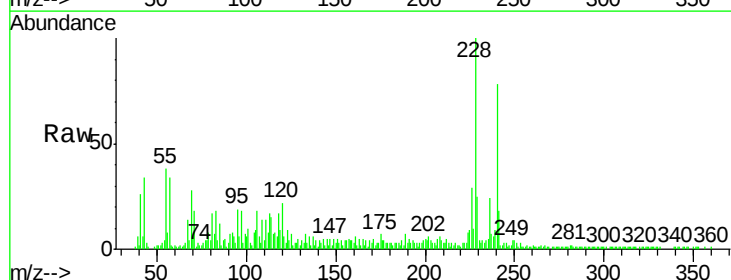
Manual Integrations
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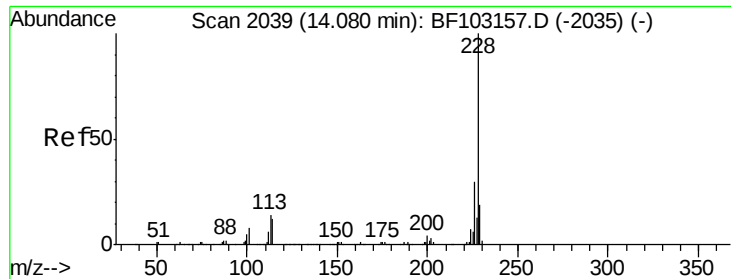
Sohil
 3/9/2018 11:39:25 AM



#80
 Benzo(a)anthracene
 Concen: 3.445 ng m
 RT: 14.05 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF103521.D
 Acq: 8 Mar 2018 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	33.8
229	24.8	15.8	23.6





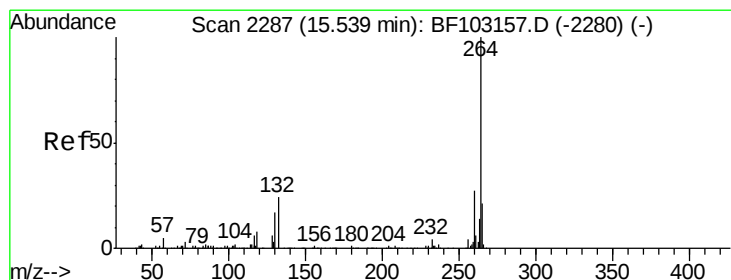
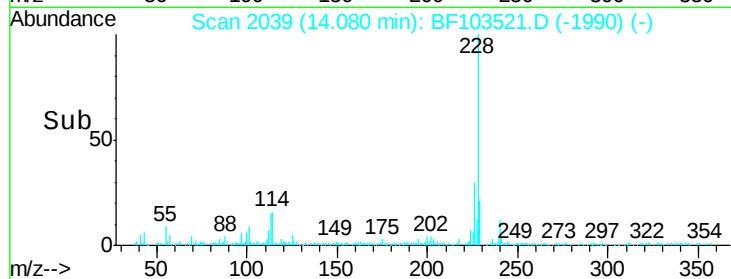
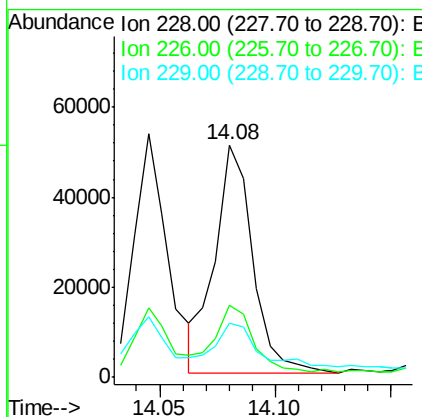
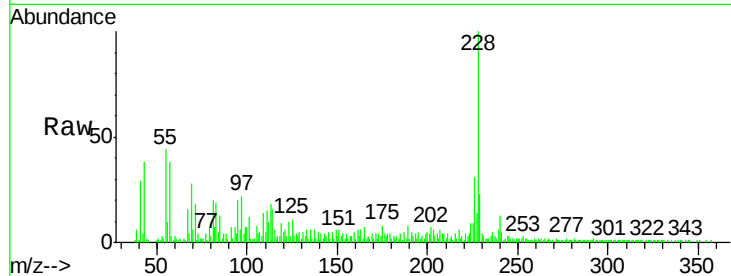
#82
Chrysene
Concen: 3.808 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Instrument :
BNA_F
ClientSampleId :
AU-06-030618-C

Tot Ion:	228	Resp:	57911
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	23.5	16.2	24.4

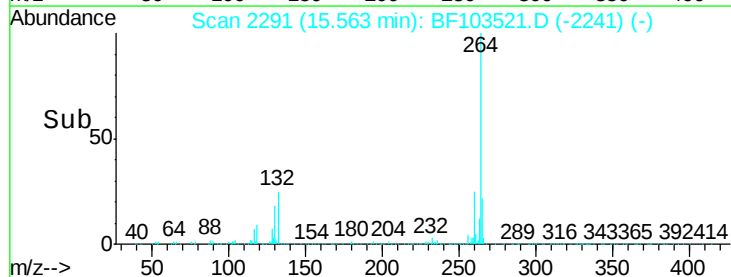
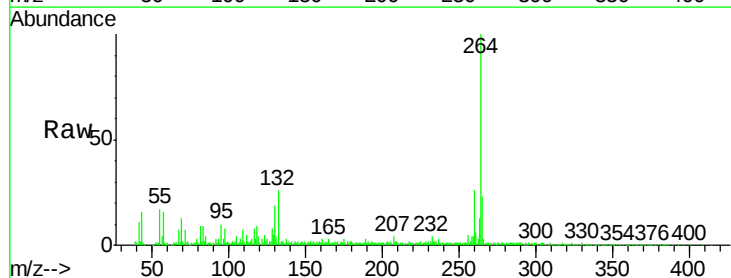
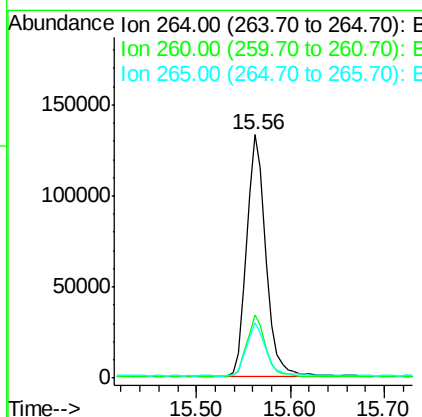
Manual Integrations
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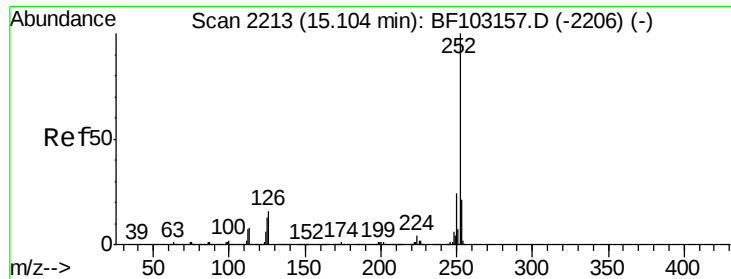
Sohil
3/9/2018 11:39:25 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF103521.D
Acq: 8 Mar 2018 17:21

Tgt Ion:	264	Resp:	190273
Ion Ratio	Lower	Upper	
264	100		
260	26.0	19.2	28.8
265	22.8	17.5	26.3





#87
 Benzo(b)fluoranthene
 Concen: 2.950 ng/ml
 RT: 15.12 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF103521.D
 Acq: 8 Mar 2018 17:21

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-030618-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.9	17.0	25.6#
125	32.9	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 3/9/2018 11:39:25 AM

