

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
 Data File : BF101358.D
 Acq On : 13 Dec 2017 5:04
 Operator : SJ/JU
 Sample : I6764-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:08:34 PM

Quant Time: Dec 13 06:34:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44213	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	166202	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	68092	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	116371	20.00	ng	0.00
75) Chrysene-d12	14.01	240	90739	20.00	ng	0.00
86) Perylene-d12	15.49	264	68677	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	257163	96.11	ng	0.00
7) Phenol-d6	6.46	99	318677	98.10	ng	0.00
23) Nitrobenzene-d5	7.39	82	175622	63.03	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	61481	75.16	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	389988	78.36	ng	0.00
78) Terphenyl-d14	12.94	244	306338	73.84	ng	0.00
Target Compounds						
10) Phenol	6.47	94	7918	2.192	ng	Qvalue # 72
49) Dimethylphthalate	9.57	163	36700	6.683	ng	# 99
74) Fluoranthene	12.57	202	15602	2.196	ng	96
77) Pyrene	12.80	202	13583	2.169	ng	97
87) Benzo(b)fluoranthene	15.05	252	9456m	2.299	ng	

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

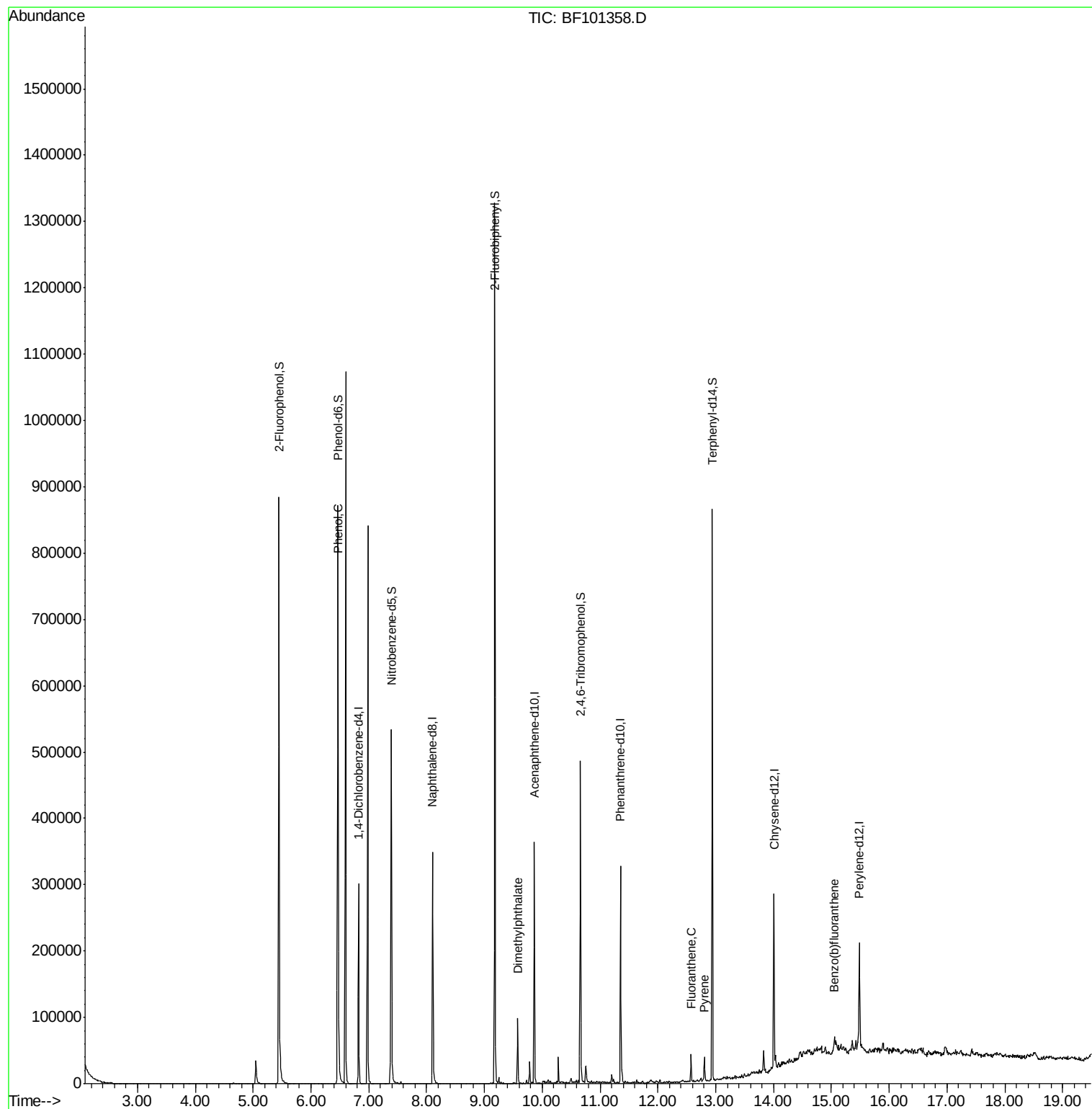
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101358.D
Acq On : 13 Dec 2017 5:04
Operator : SJ/JU
Sample : I6764-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

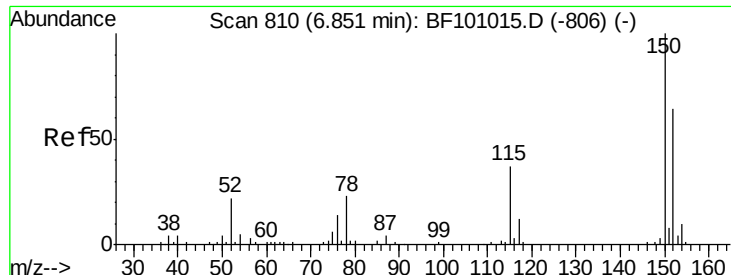
Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Manual Integrations
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12/13/2017 12:08:34 PM

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
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#1

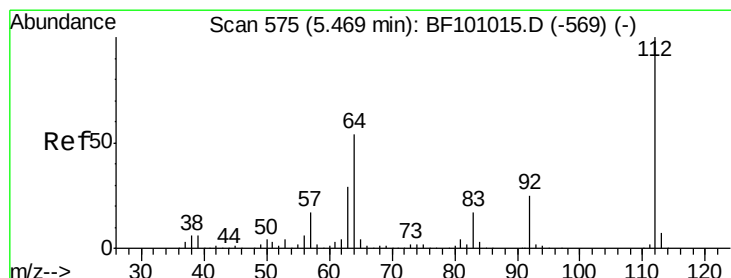
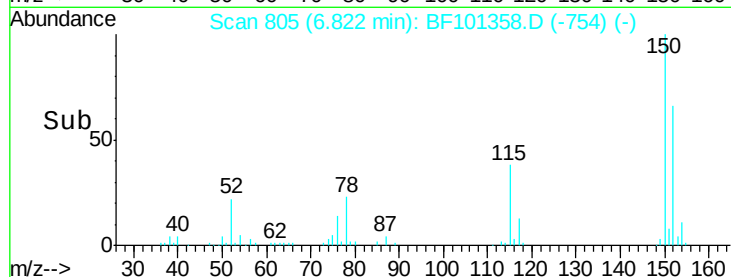
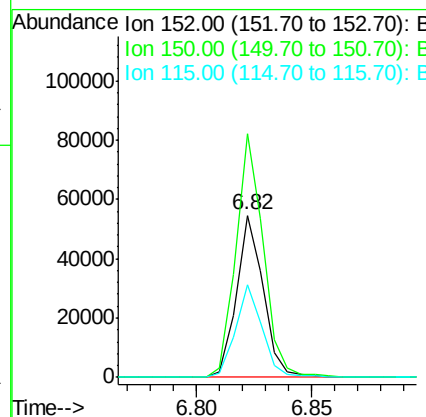
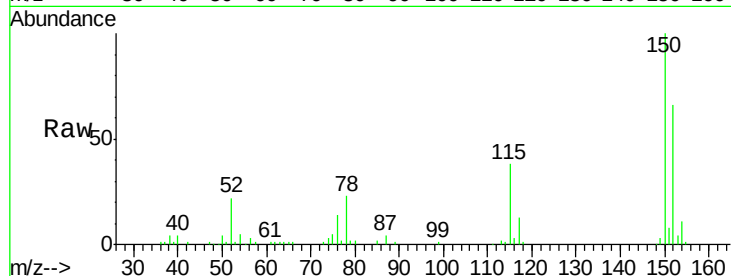
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	124.6	186.8
115	57.3	50.1	75.1

Manual Integrations
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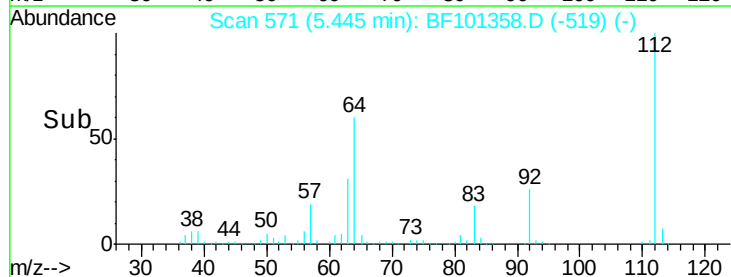
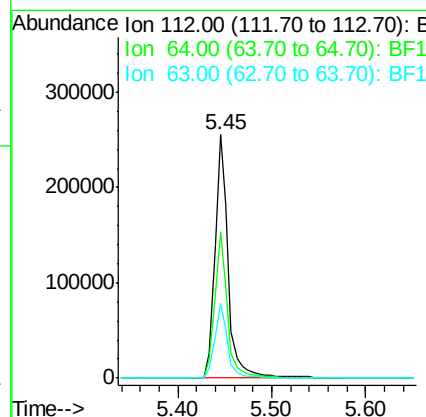
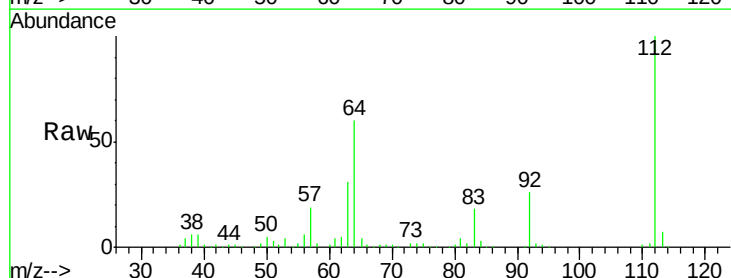
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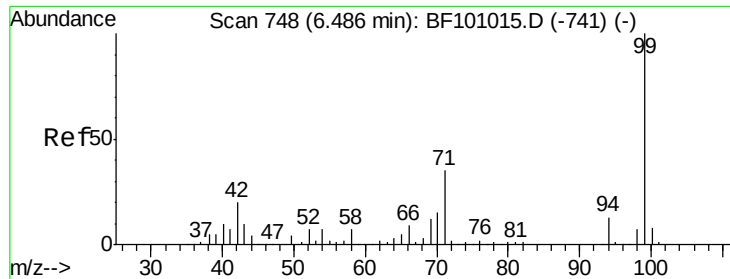


#5

2-Fluorophenol
Concen: 96.114 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	30.7	23.7	35.5





#7

Phenol-d6

Concen: 98.101 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

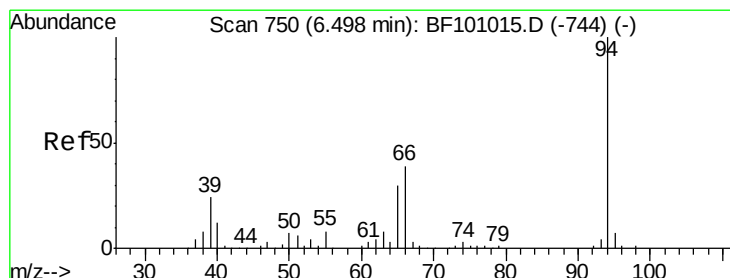
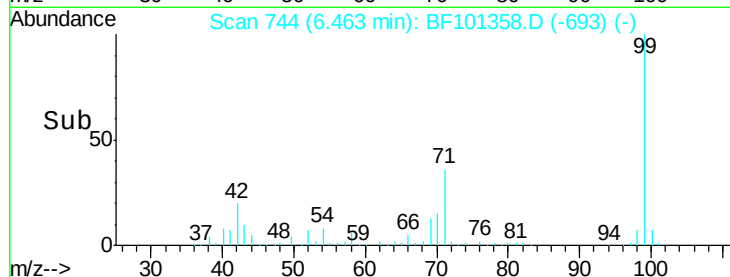
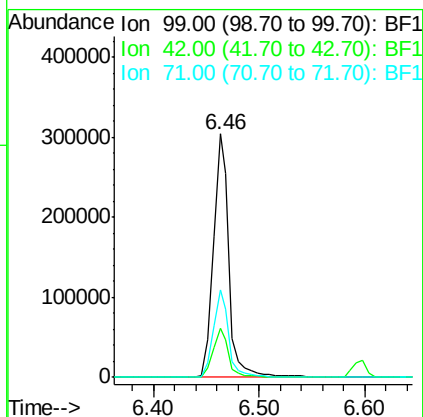
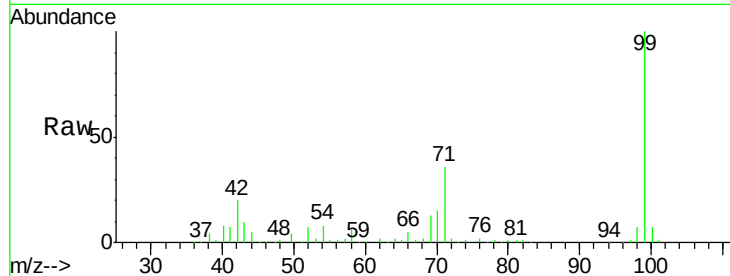
ClientSampleId :

MAP-1-E(0-1)

Tot Ion:	99	Resp:	318677
Ion Ratio	Lower	Upper	
99	100		
42	20.1	14.5	21.7
71	36.0	25.4	38.0

Manual Integrations
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#10

Phenol

Concen: 2.192 ng

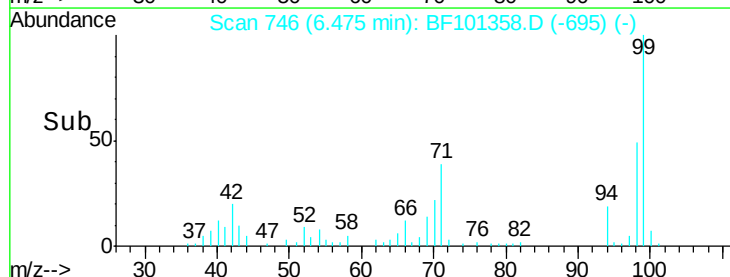
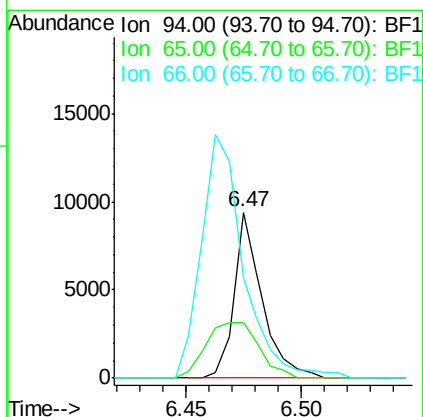
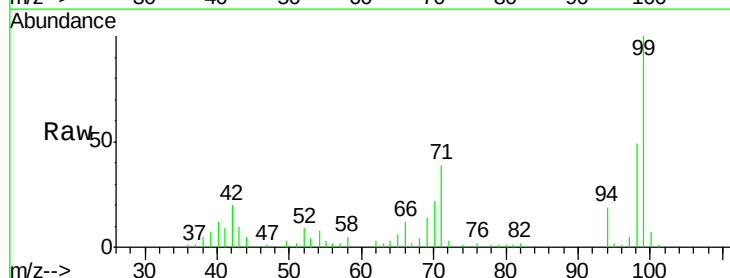
RT: 6.47 min Scan# 746

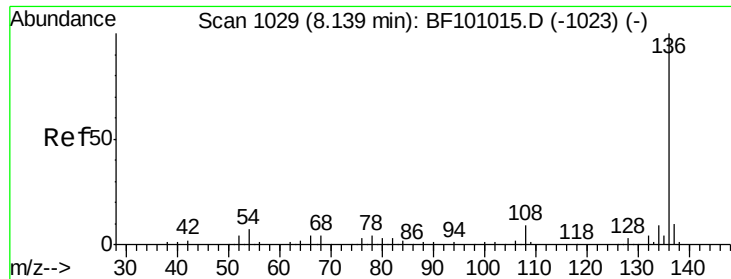
Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Tgt Ion:	94	Resp:	7918
Ion Ratio	Lower	Upper	
94	100		
65	33.3	7.9	47.9
66	60.7	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

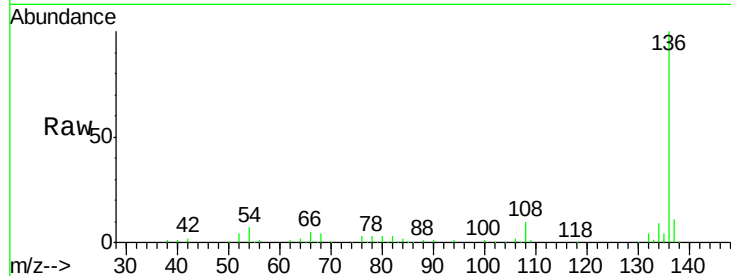
ClientSampleId :

MAP-1-E(0-1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		166202		
137	10.9		8.9	13.3	
54	7.4		6.6	9.8	
68	4.4		5.0	7.4#	

Manual Integrations
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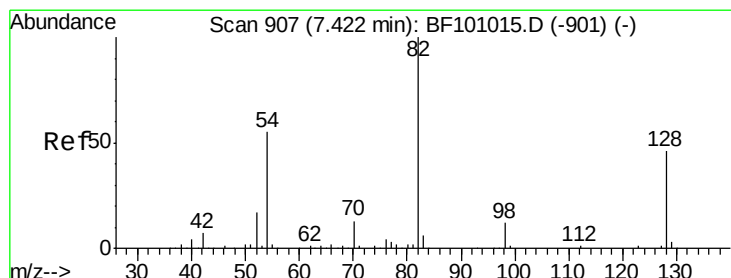
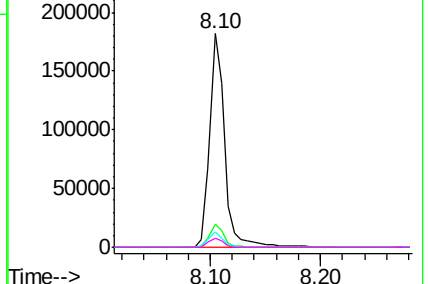
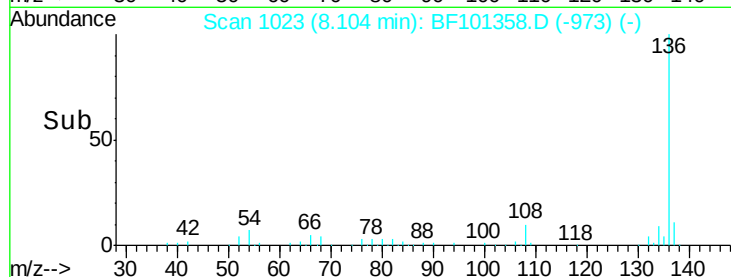


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.034 ng

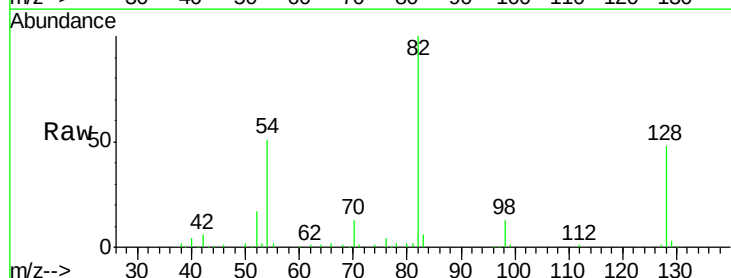
RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

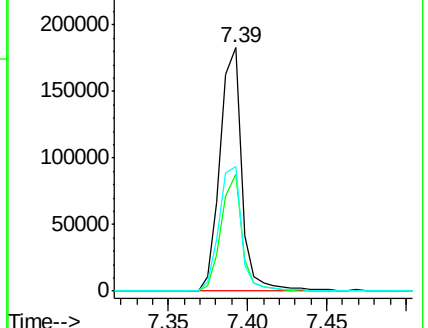
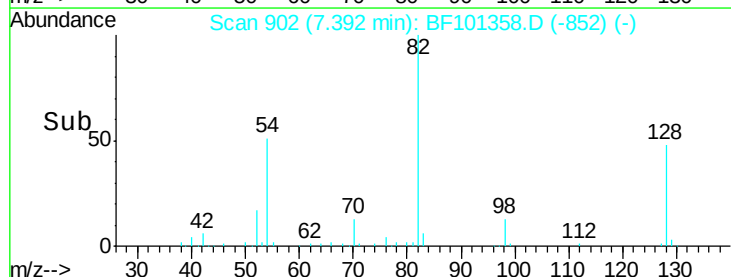
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		175622		
128	48.2		36.1	54.1	
54	51.2		41.4	62.2	

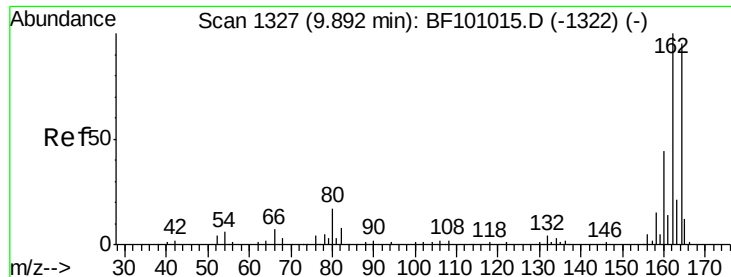


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





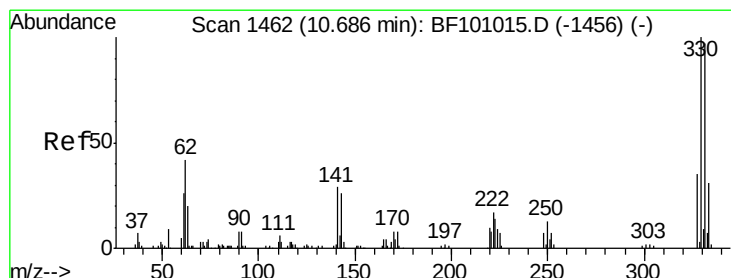
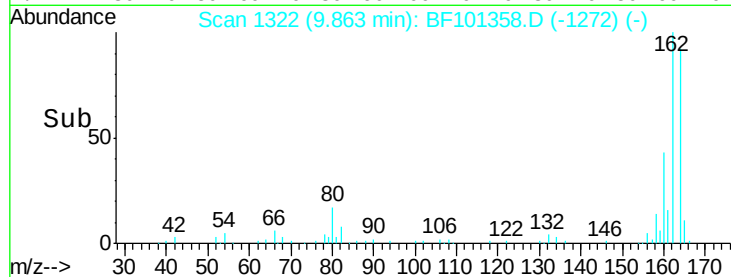
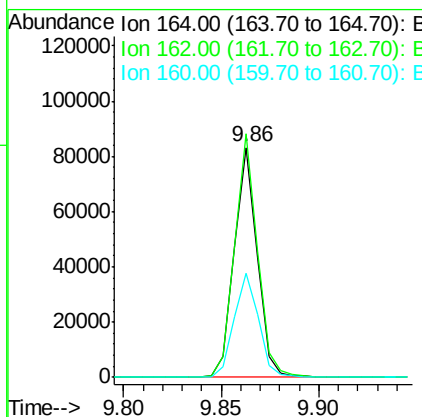
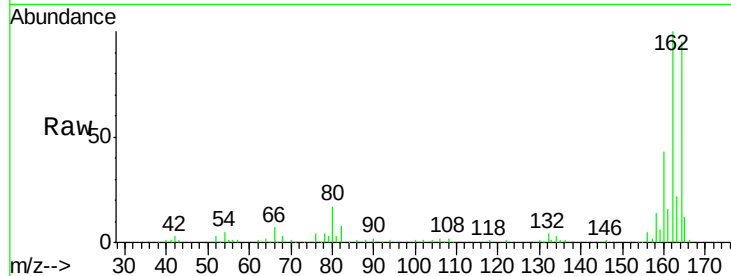
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.8	86.1	129.1
160	45.3	38.3	57.5

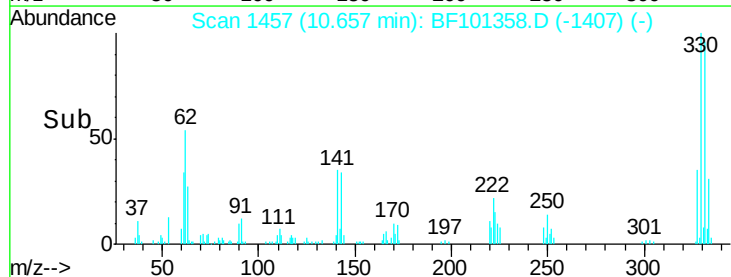
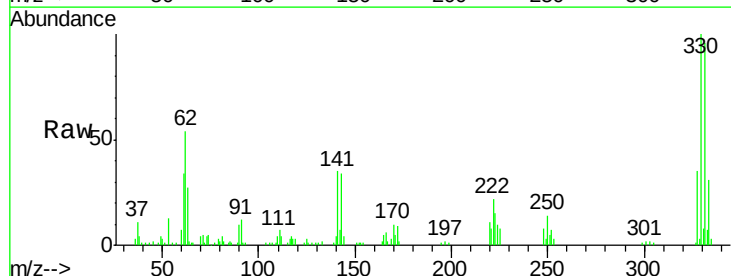
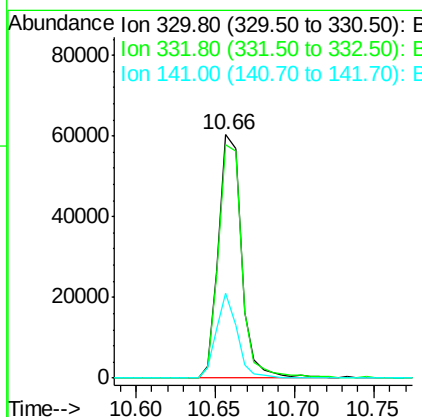
Manual Integrations
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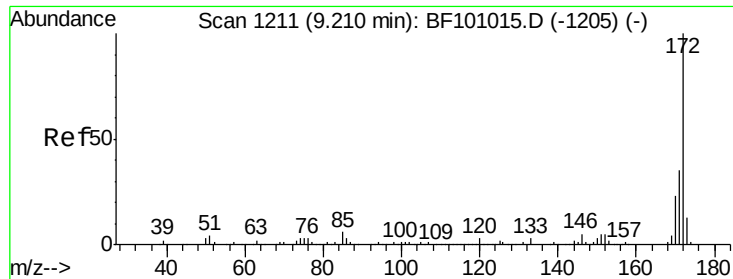
Sohil
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#41
2,4,6-Tribromophenol
Concen: 75.162 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	31.1	29.9	44.9





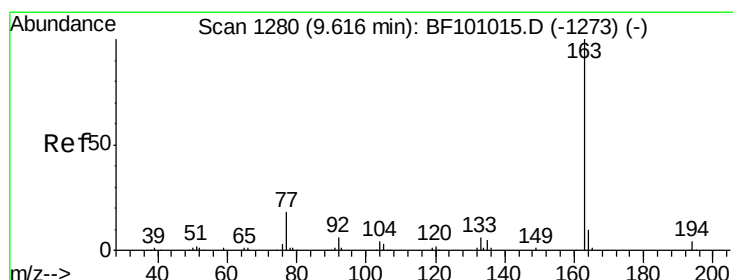
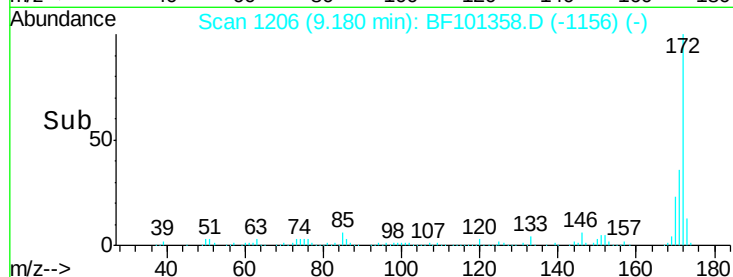
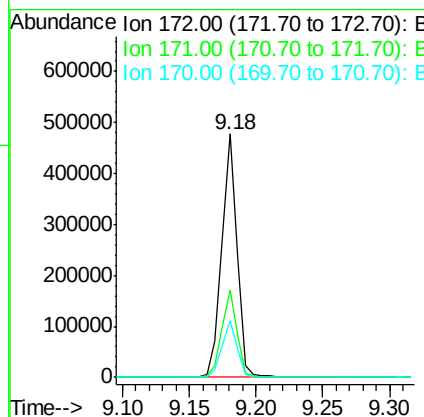
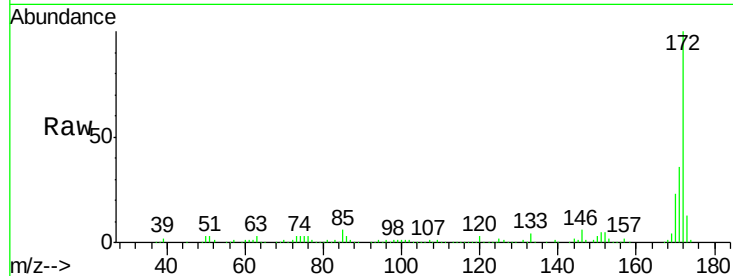
#44
2-Fluorobiphenyl
Concen: 78.362 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Instrument :
BNA_F
ClientSampleId :
MAP-1-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	389988		
171	36.2		29.7	44.5
170	23.1		19.6	29.4

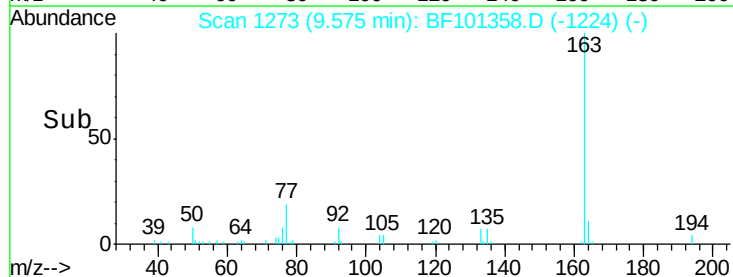
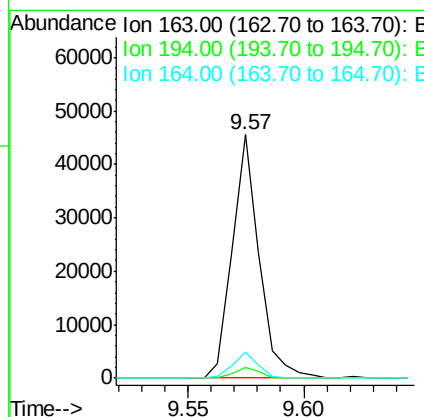
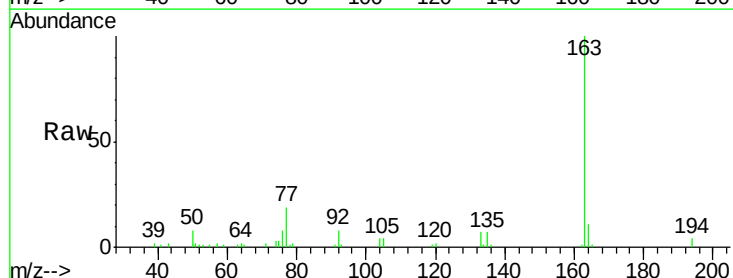
Manual Integrations
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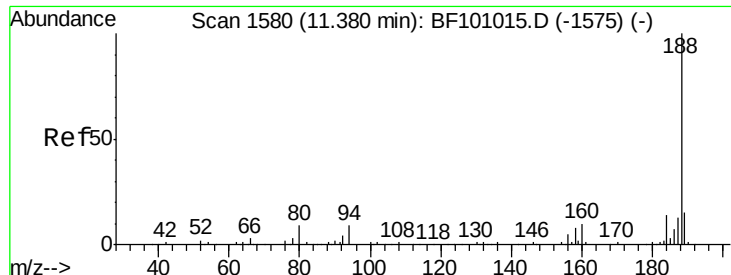
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#49
Dimethylphthalate
Concen: 6.683 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BF101358.D
Acq: 13 Dec 2017 5:04

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	36700		
194	4.1		2.7	4.1#
164	10.5		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

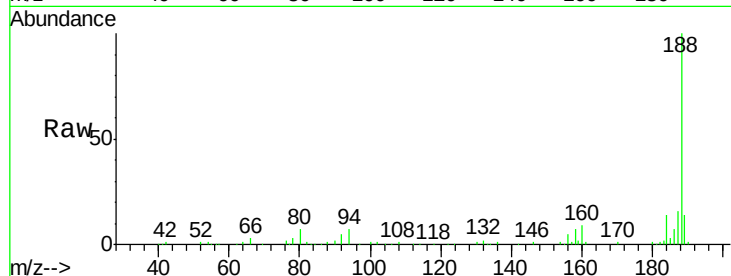
ClientSampleId :

MAP-1-E(0-1)

Tot Ion:	188	Resp:	116371
Ion Ratio	Lower	Upper	
188	100		
94	7.4	8.5	12.7#
80	7.3	9.2	13.8#

Manual Integrations
APPROVED

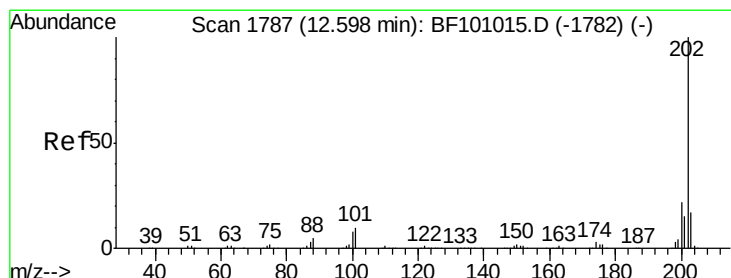
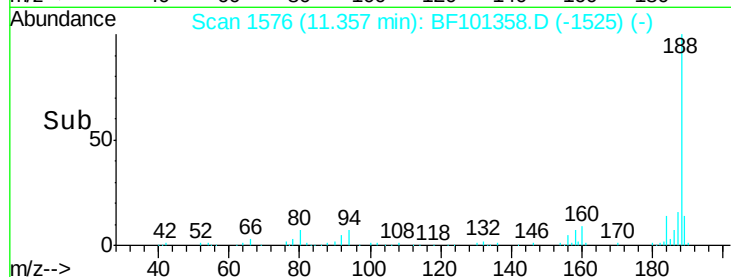
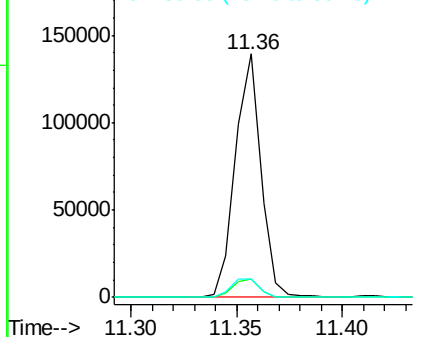
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#74

Fluoranthene

Concen: 2.196 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.01 min

Lab File: BF101358.D

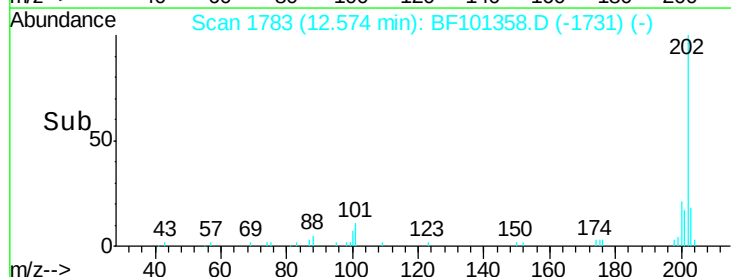
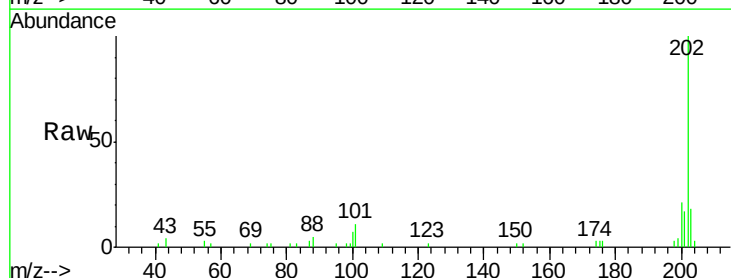
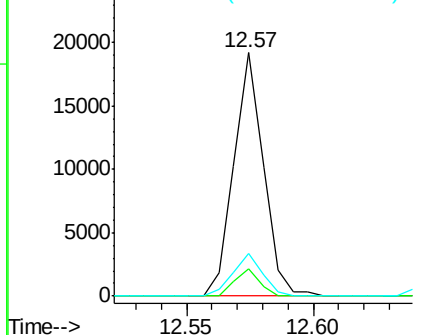
Acq: 13 Dec 2017 5:04

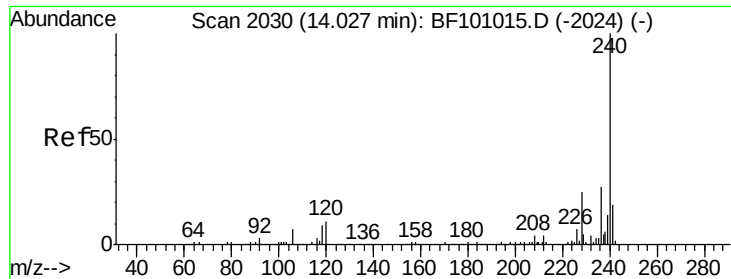
Tgt Ion:	202	Resp:	15602
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	17.6	0.0	38.1

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Instrument :

BNA_F

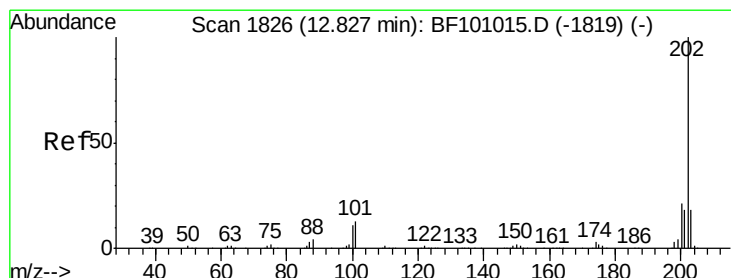
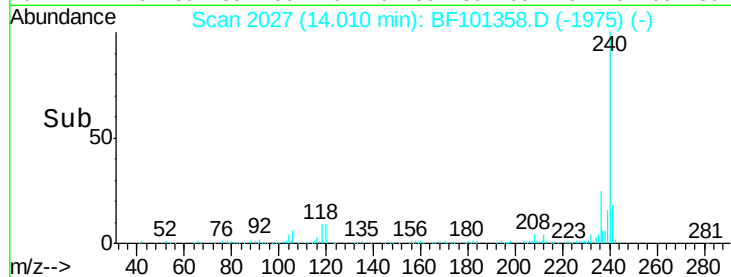
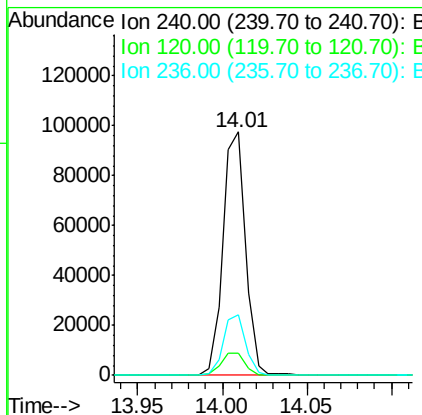
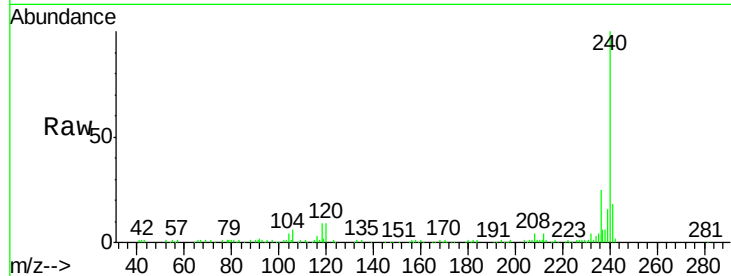
ClientSampleId :

MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.5	14.3#
236	24.9	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.169 ng

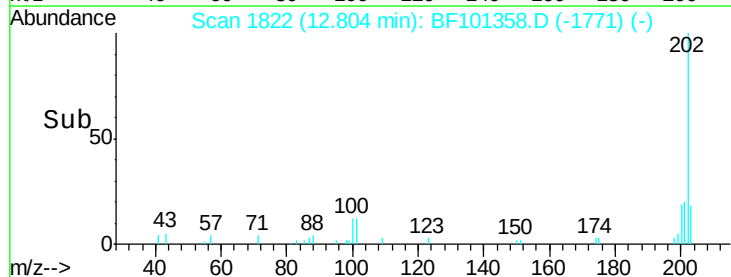
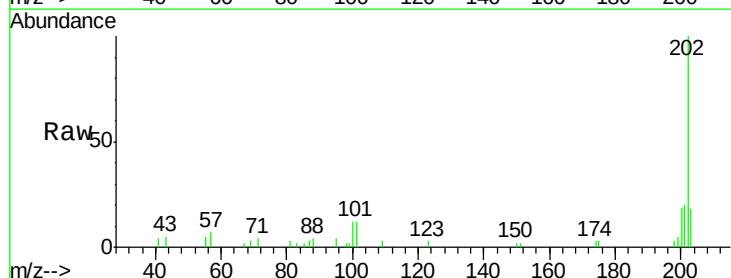
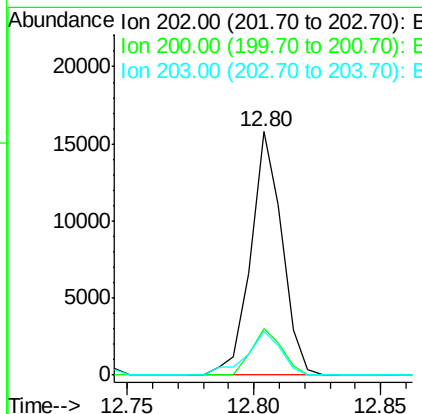
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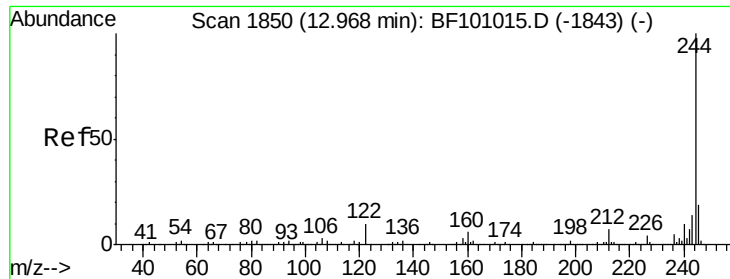
Delta R.T. -0.00 min

Lab File: BF101358.D

Acq: 13 Dec 2017 5:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.0	17.4	26.2
203	17.9	14.3	21.5





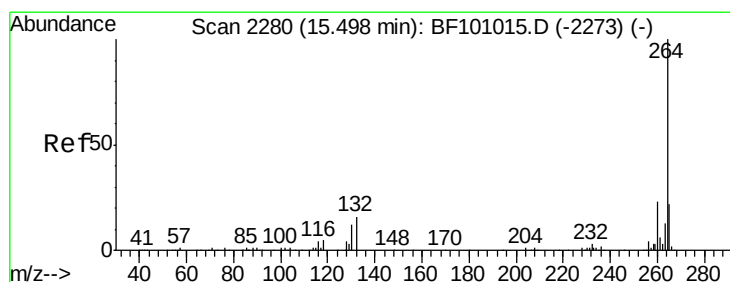
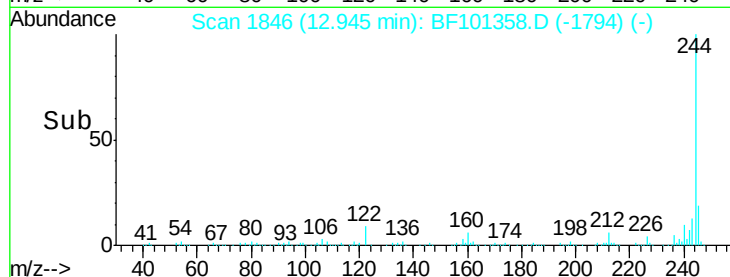
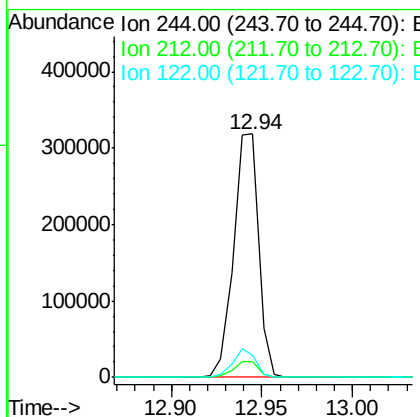
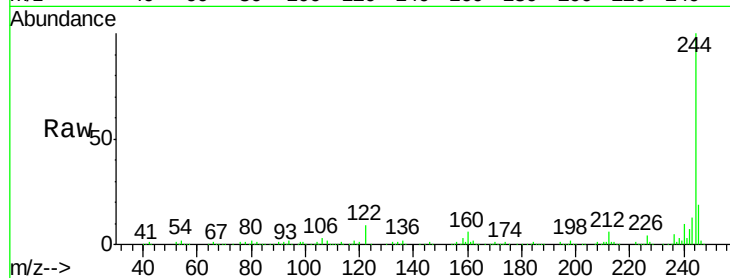
#78
 Terphenyl-d14
 Concen: 73.843 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	8.9	11.0	16.4

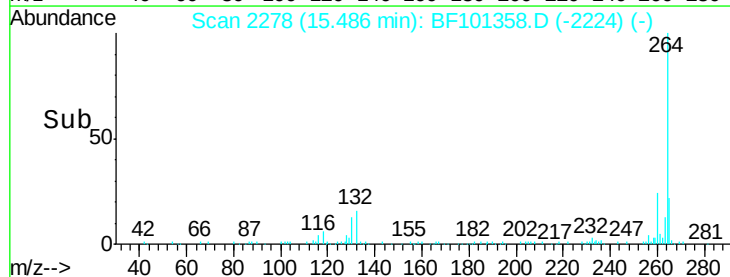
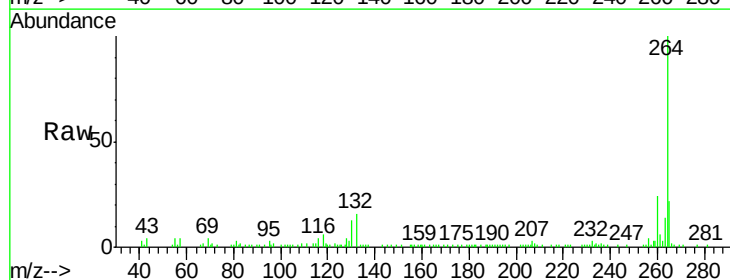
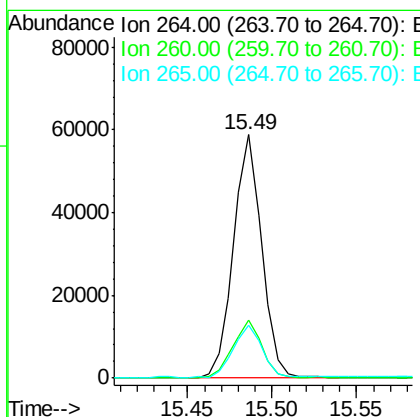
Manual Integrations
 APPROVED

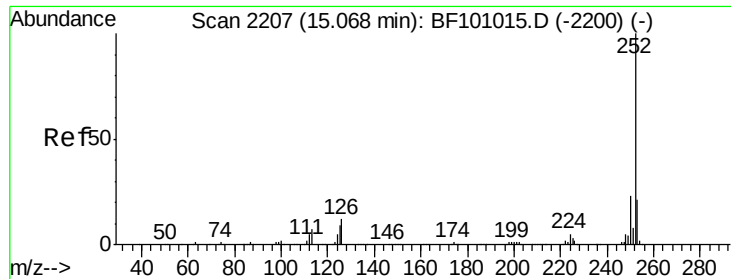
Sohil
 12/13/2017 12:08:34 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





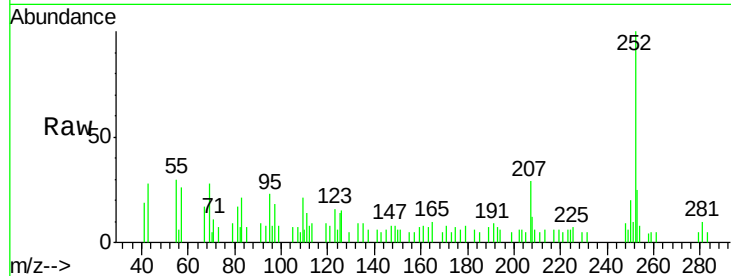
#87
 Benzo(b)fluoranthene
 Concen: 2.299 ng/ml
 RT: 15.05 min Scan# 2204
 Delta R.T. 0.01 min
 Lab File: BF101358.D
 Acq: 13 Dec 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 MAP-1-E(0-1)

Tot Ion:	252	Resp:	9456
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.0	25.6
125	13.6	9.0	13.6

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:08:34 PM



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

