

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101213.D
 Acq On : 7 Dec 2017 18:52
 Operator : SJ/JU
 Sample : I6656-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(0-1)

Manual Integrations
 APPROVED

Sohil
 12/8/2017 11:12:18 AM

Quant Time: Dec 07 19:39:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41318	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	148851	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59638	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	106764	20.00	ng	0.00
75) Chrysene-d12	14.02	240	84967	20.00	ng	0.00
86) Perylene-d12	15.51	264	67038	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	250932	100.36	ng	0.00
7) Phenol-d6	6.47	99	296001	97.51	ng	0.00
23) Nitrobenzene-d5	7.40	82	169500	67.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	64044	89.39	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	339573	77.90	ng	-0.01
78) Terphenyl-d14	12.96	244	297835	76.67	ng	0.00
Target Compounds						
10) Phenol	6.49	94	9394	2.783	ng	Qvalue # 63
49) Dimethylphthalate	9.59	163	37575	7.812	ng	100
74) Fluoranthene	12.59	202	23695	3.636	ng	93
77) Pyrene	12.82	202	23841	4.066	ng	99
80) Benzo(a)anthracene	14.01	228	11799	2.199	ng	# 86
82) Chrysene	14.05	228	13250	2.659	ng	# 91
87) Benzo(b)fluoranthene	15.07	252	13837m	3.446	ng	
89) Benzo(a)pyrene	15.44	252	8372	2.293	ng	# 49

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

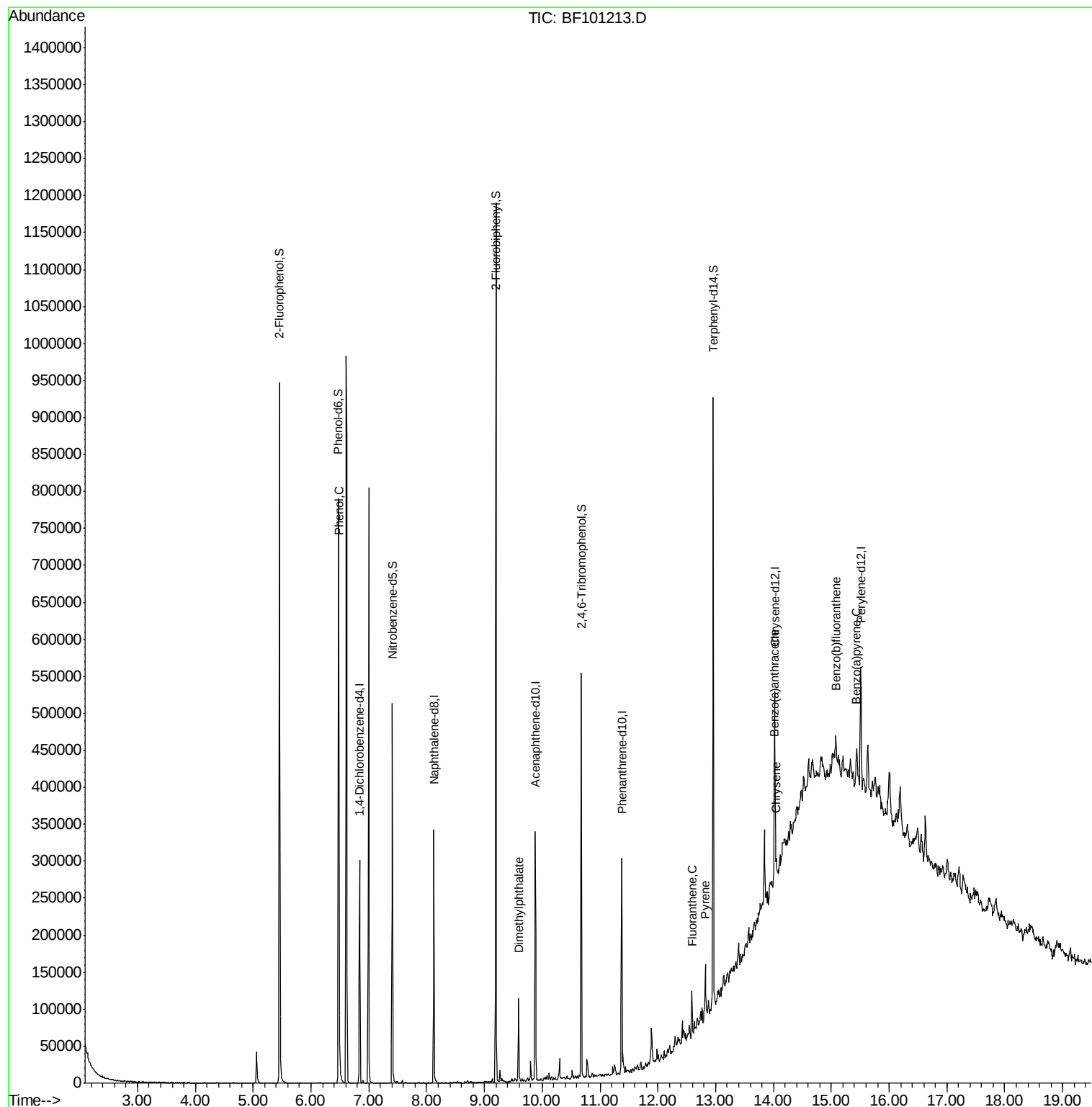
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101213.D
Acq On : 7 Dec 2017 18:52
Operator : SJ/JU
Sample : I6656-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

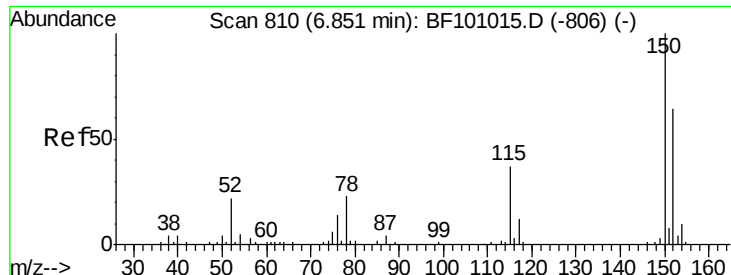
Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

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

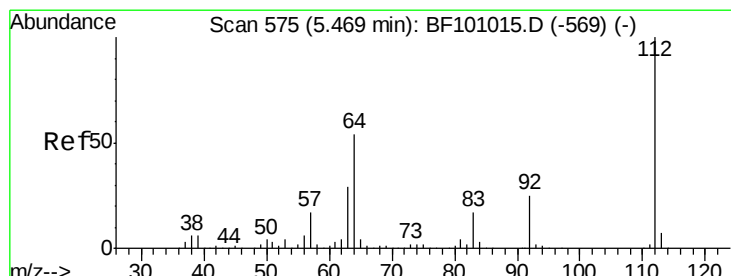
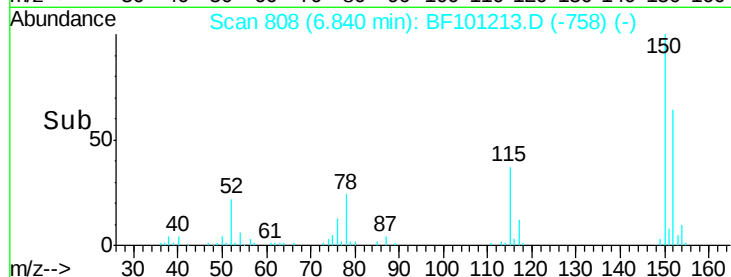
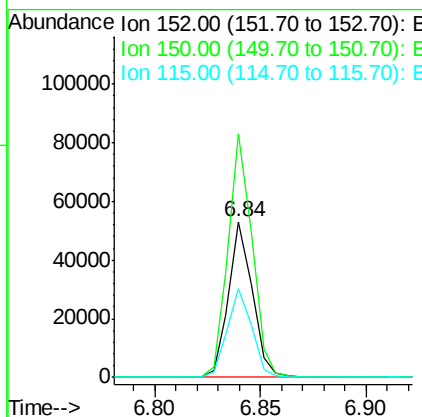
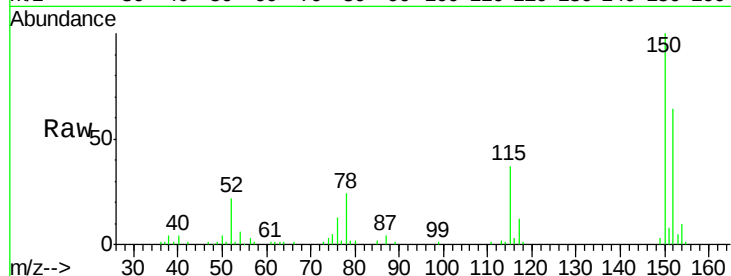
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	57.3	50.1	75.1

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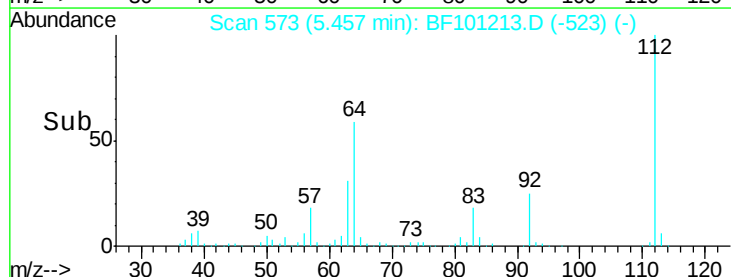
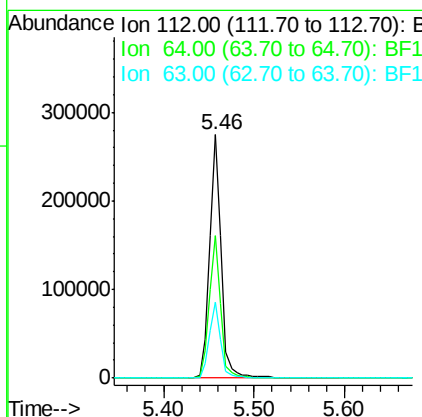
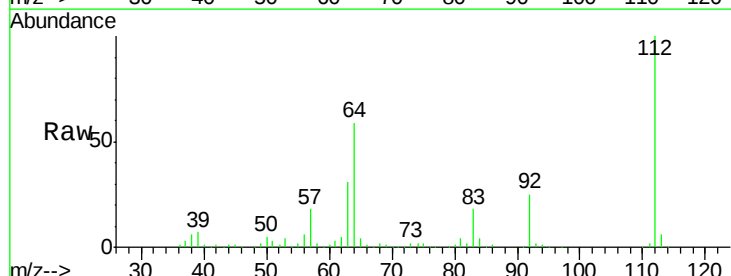
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#5

2-Fluorophenol
Concen: 100.356 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 97.505 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Instrument :

BNA_F

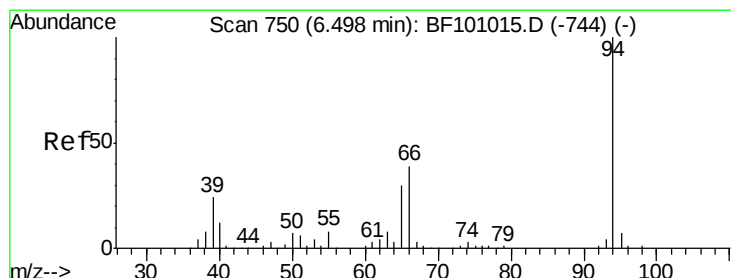
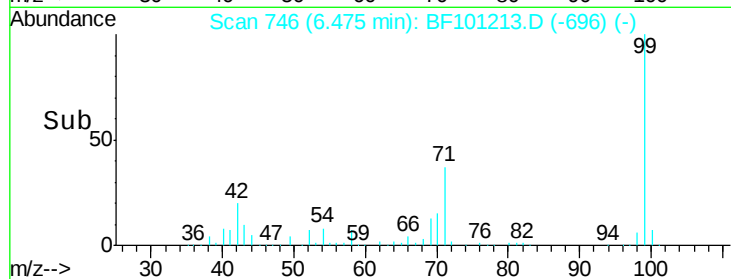
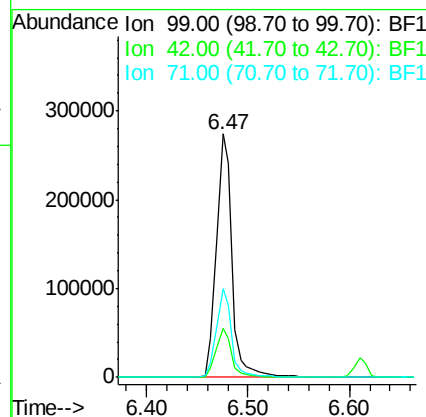
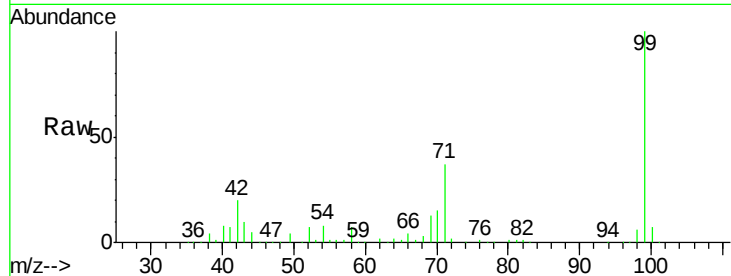
ClientSampleId :

BART-2-E(0-1)

Tot Ion:	99	Resp:	296001
Ion Ratio	Lower	Upper	
99	100		
42	20.4	14.5	21.7
71	36.6	25.4	38.0

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#10

Phenol

Concen: 2.783 ng

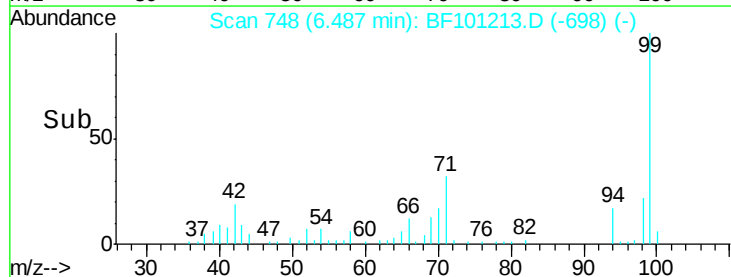
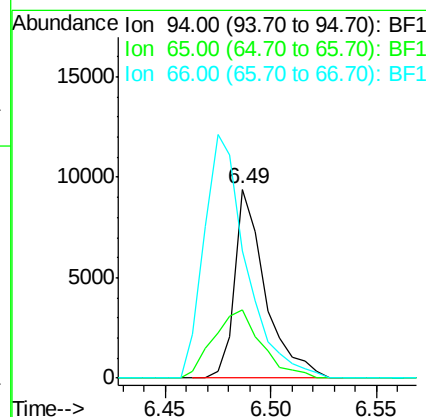
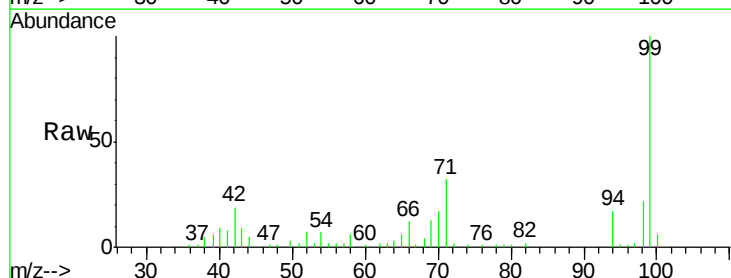
RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Tgt Ion:	94	Resp:	9394
Ion Ratio	Lower	Upper	
94	100		
65	36.3	7.9	47.9
66	67.4	16.2	56.2#





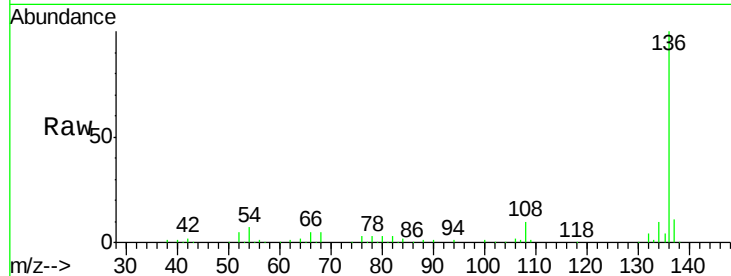
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

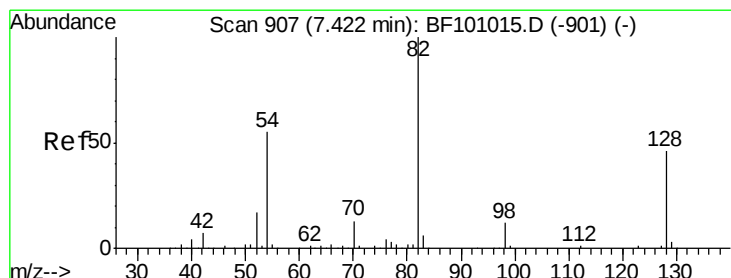
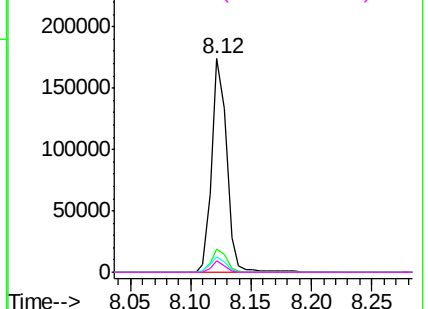
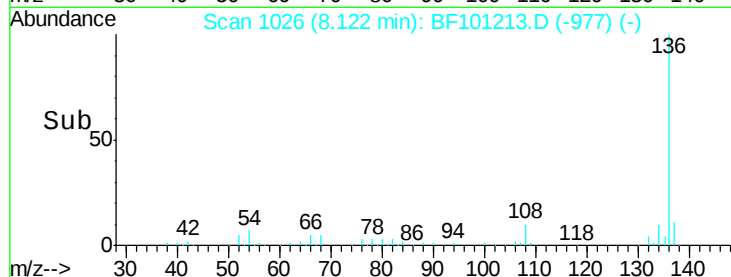
Tot Ion	Ratio	Resp	Lower	Upper
136	100	148851		
137	11.1	8.9	13.3	
54	7.3	6.6	9.8	
68	5.4	5.0	7.4	

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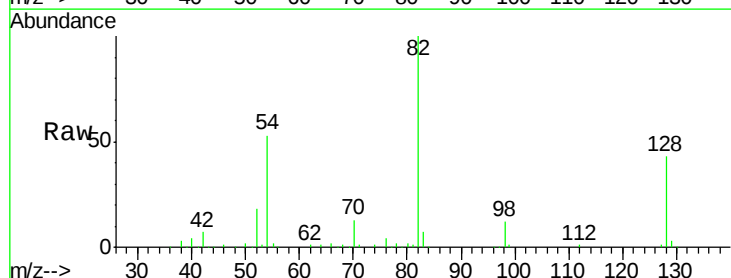


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

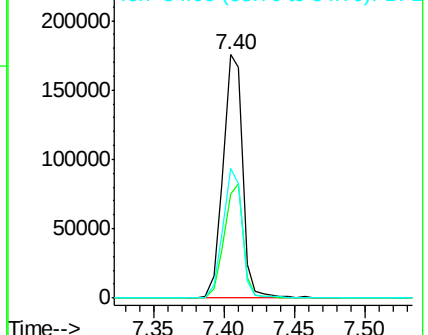
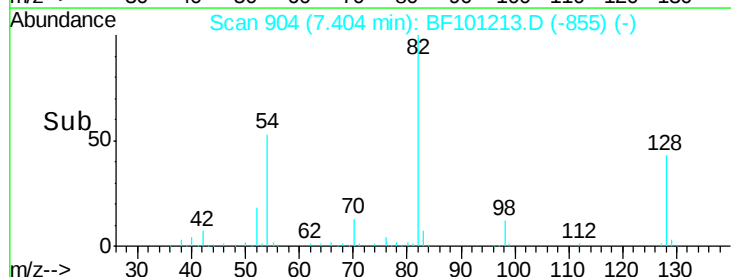


#23
Nitrobenzene-d5
Concen: 67.928 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	169500		
128	42.9	36.1	54.1	
54	53.4	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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Instrument :

BNA_F

ClientSampleId :

BART-2-E(0-1)

Tot Ion:164 Resp: 59638

Ion Ratio Lower Upper

164 100

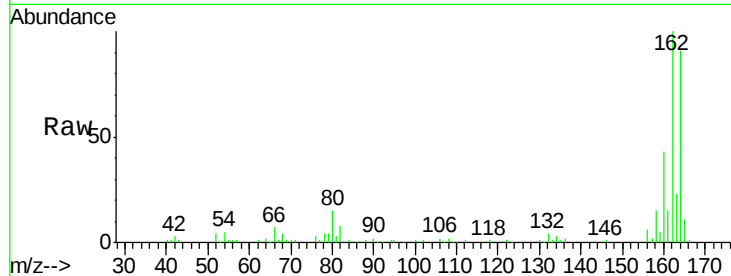
162 109.8 86.1 129.1

160 47.1 38.3 57.5

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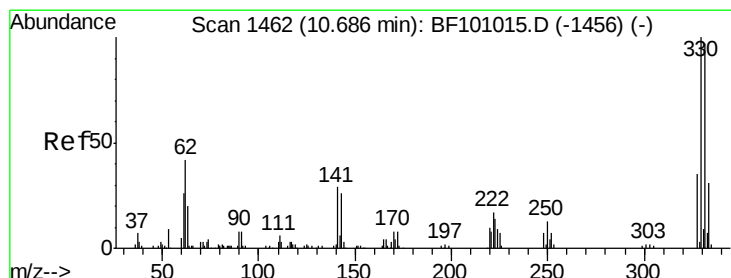
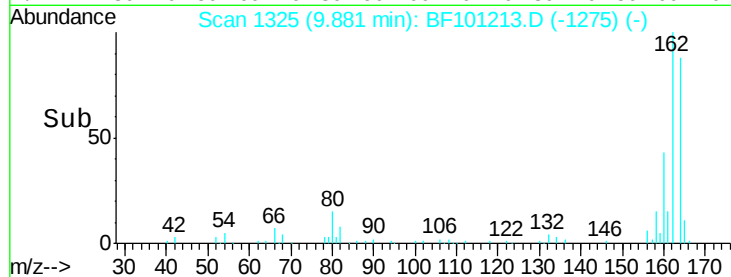
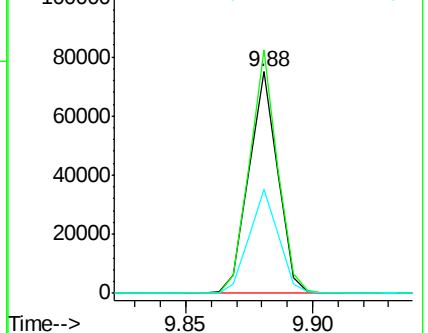
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 89.394 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

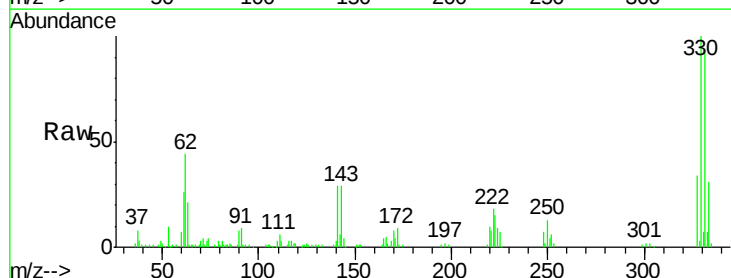
Tgt Ion:330 Resp: 64044

Ion Ratio Lower Upper

330 100

332 94.6 77.0 115.6

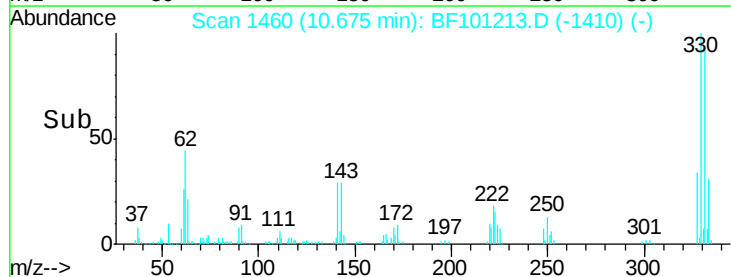
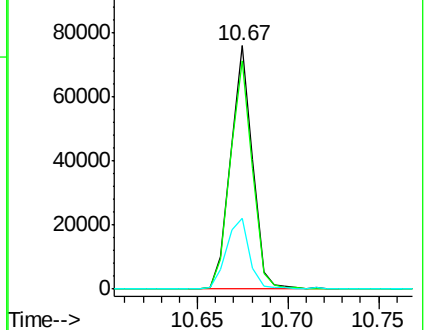
141 30.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





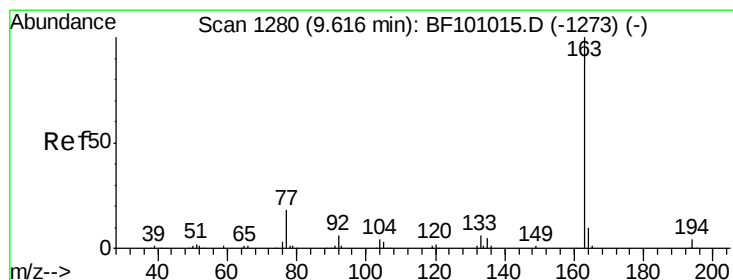
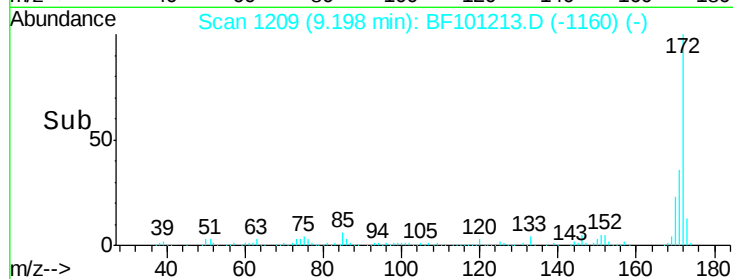
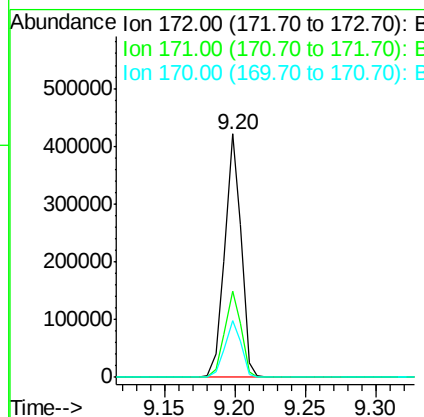
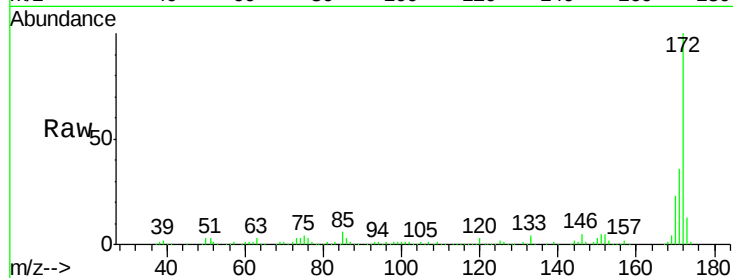
#44
2-Fluorobiphenyl
Concen: 77.904 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.6	29.7	44.5	
170	23.2	19.6	29.4	

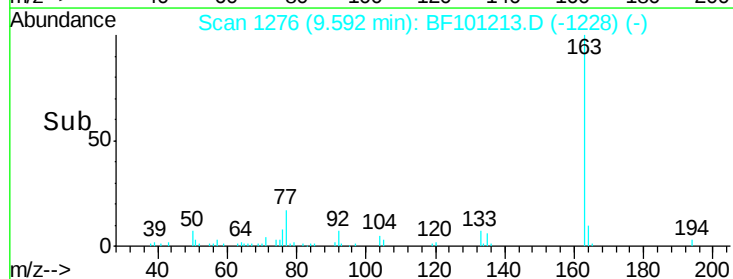
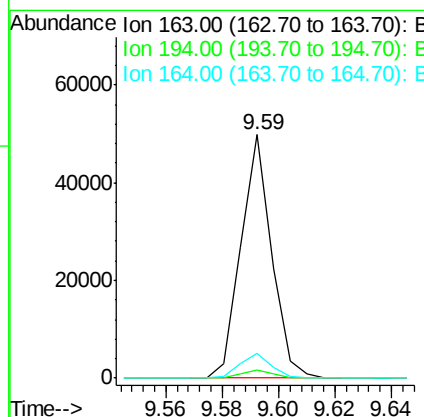
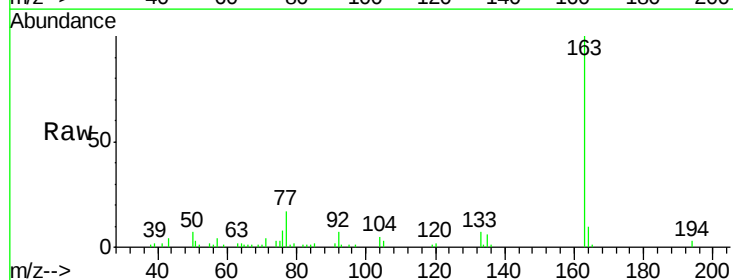
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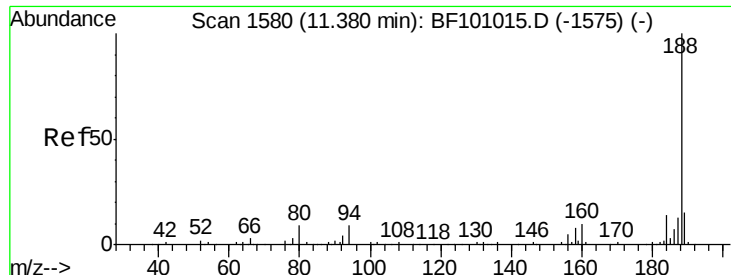
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#49
Dimethylphthalate
Concen: 7.812 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.7	4.1	
164	10.0	8.2	12.2	





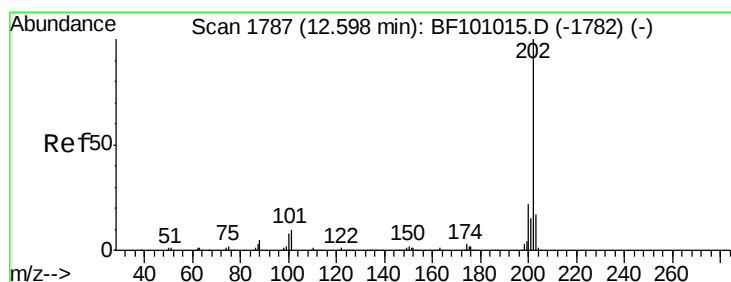
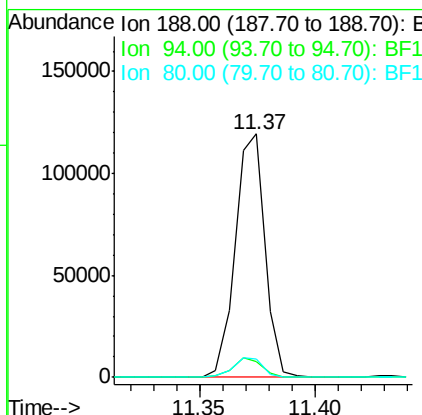
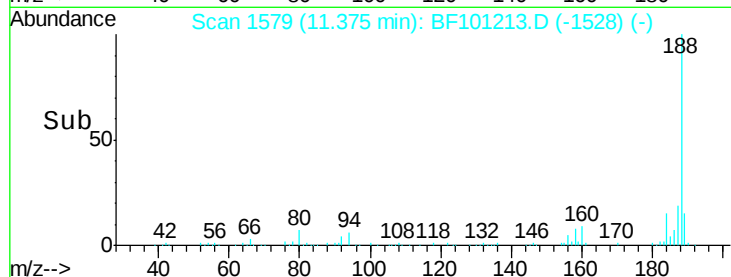
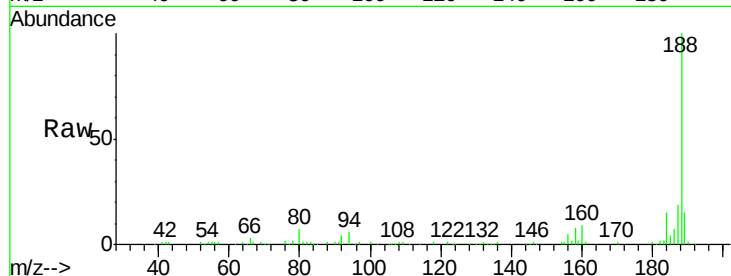
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Instrument :
BNA_F
ClientSampleId :
BART-2-E(0-1)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.3	8.5	12.7#
80	7.3	9.2	13.8#

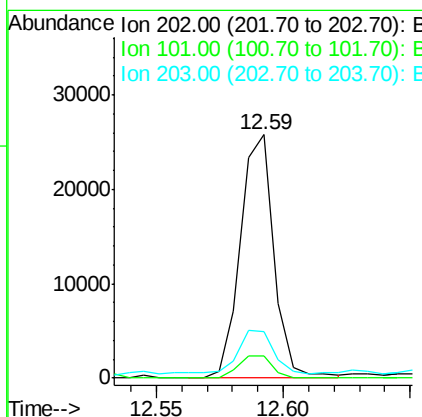
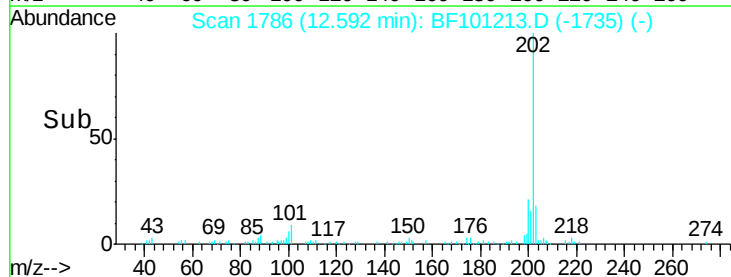
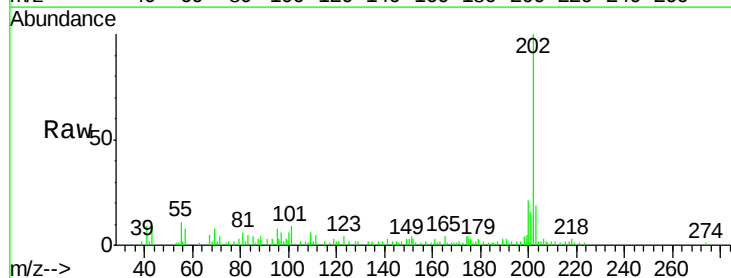
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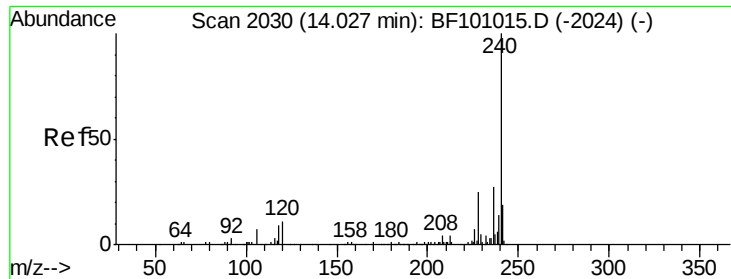
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#74
Fluoranthene
Concen: 3.636 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.00 min
Lab File: BF101213.D
Acq: 7 Dec 2017 18:52

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.9	0.0	34.1
203	19.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Instrument :

BNA_F

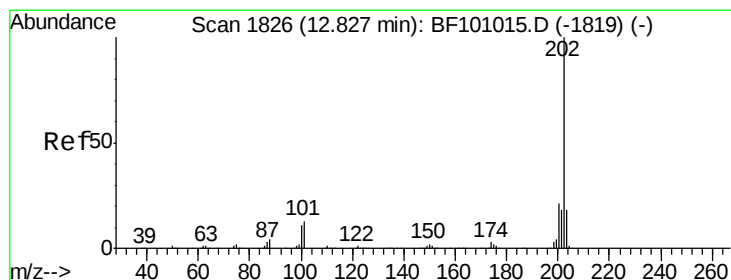
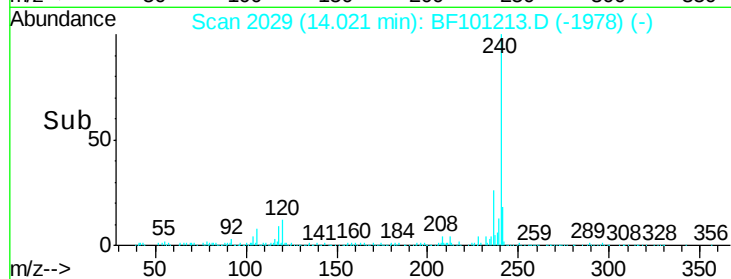
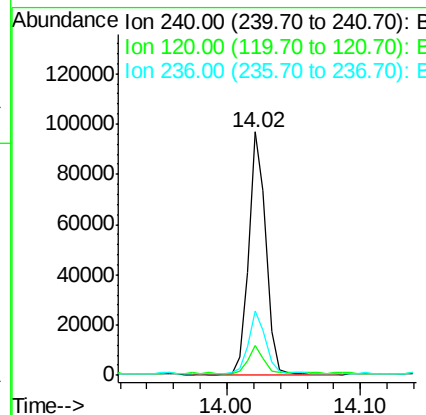
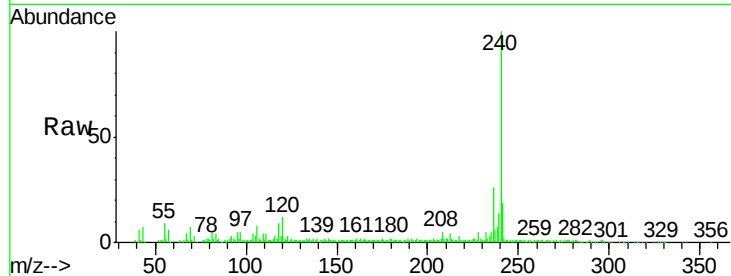
ClientSampleId :

BART-2-E(0-1)

Tot Ion:	240	Resp:	84967
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.5	14.3
236	26.3	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 4.066 ng

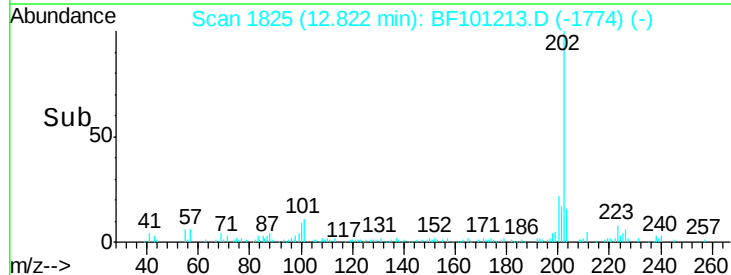
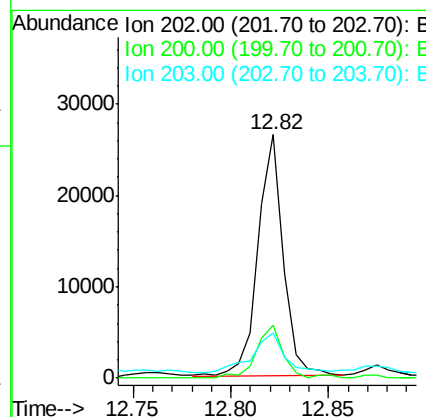
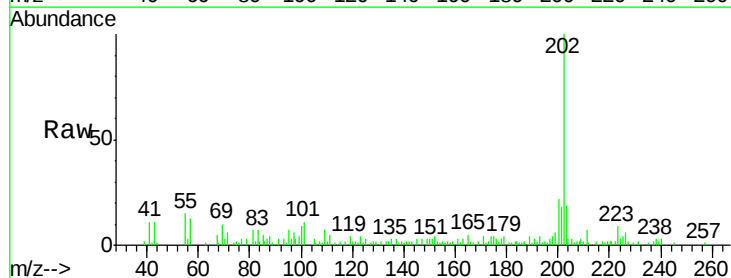
RT: 12.82 min Scan# 1825

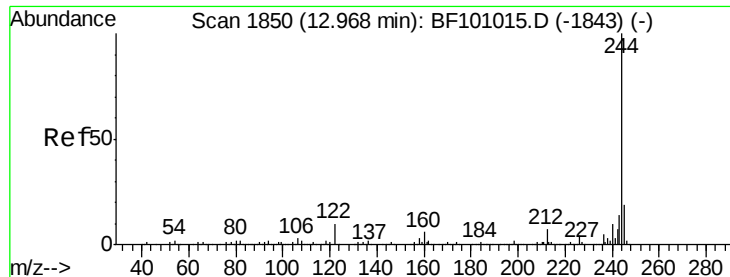
Delta R.T. 0.00 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Tgt Ion:	202	Resp:	23841
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.4	26.2
203	18.7	14.3	21.5





#78

Terphenyl-d14

Concen: 76.670 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Instrument :

BNA_F

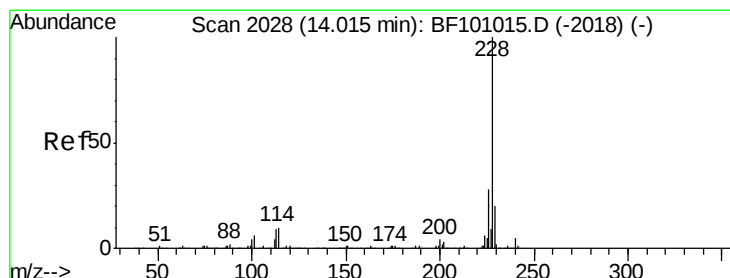
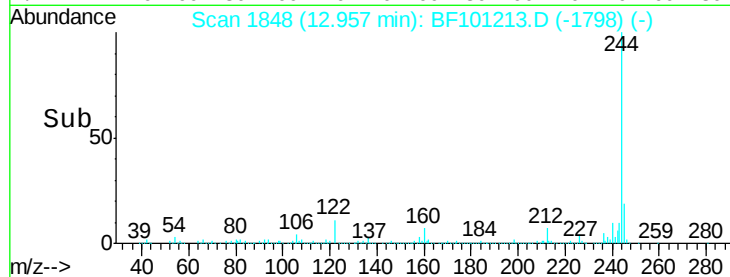
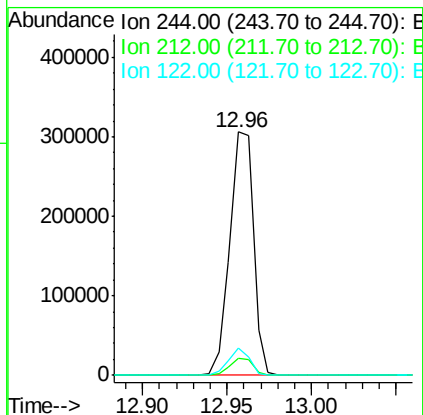
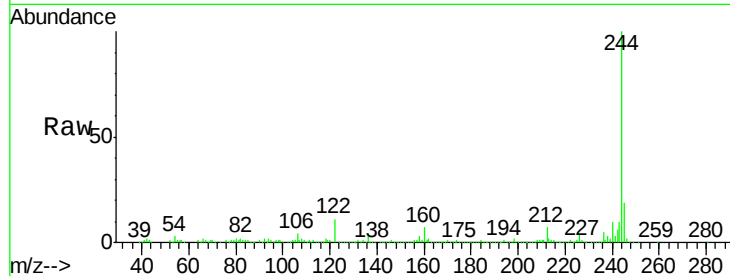
ClientSampleId :

BART-2-E(0-1)

Tot Ion:	244	Resp:	297835
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.199 ng

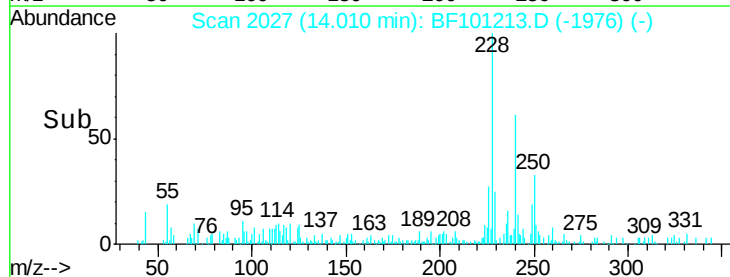
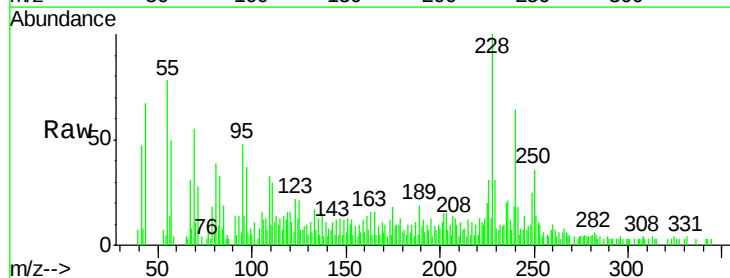
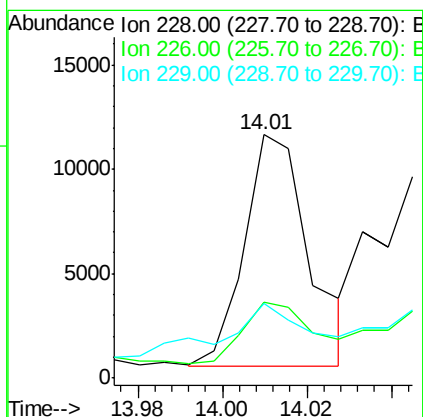
RT: 14.01 min Scan# 2027

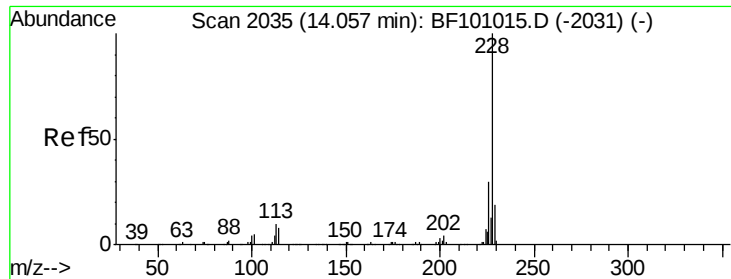
Delta R.T. 0.00 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Tgt Ion:	228	Resp:	11799
Ion Ratio	Lower	Upper	
228	100		
226	31.4	22.6	33.8
229	30.9	15.8	23.6#





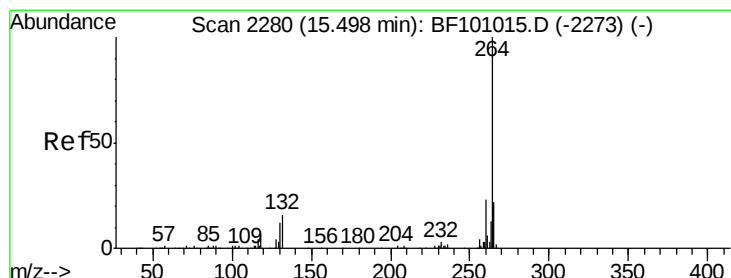
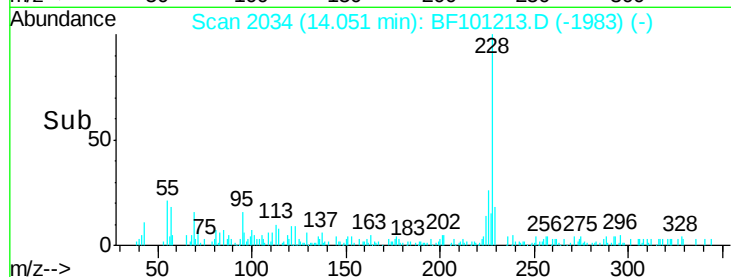
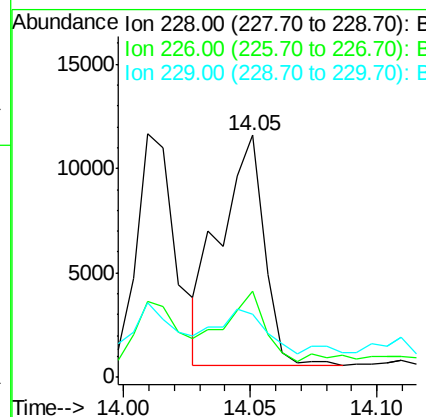
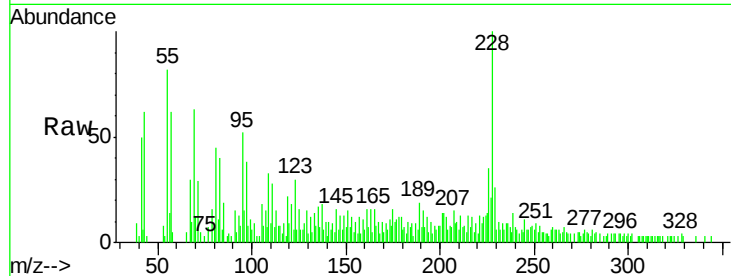
#82
 Chrysene
 Concen: 2.659 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101213.D
 Acq: 7 Dec 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :
 BART-2-E(0-1)

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.4	25.0	37.6
229	25.9	16.2	24.4

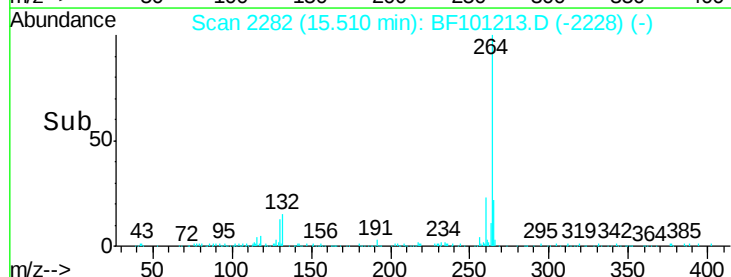
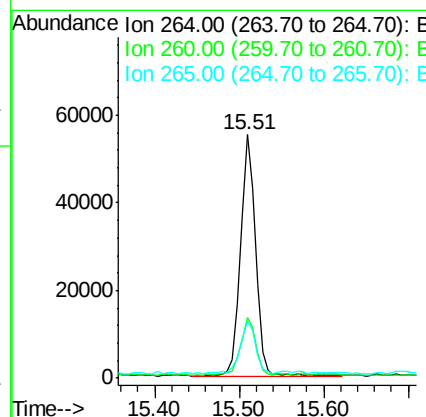
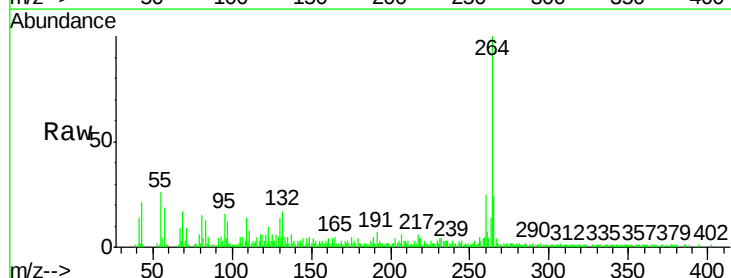
Manual Integrations
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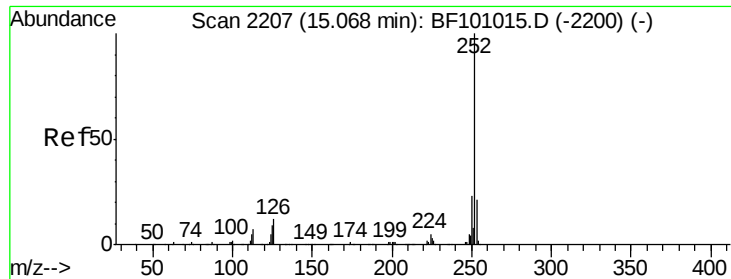
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 12/8/2017 11:12:18 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. 0.02 min
 Lab File: BF101213.D
 Acq: 7 Dec 2017 18:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	23.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.446 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Instrument :

BNA_F

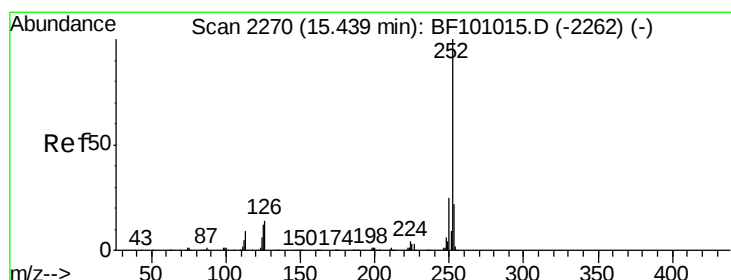
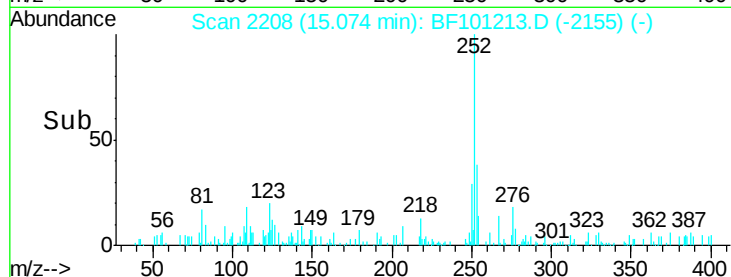
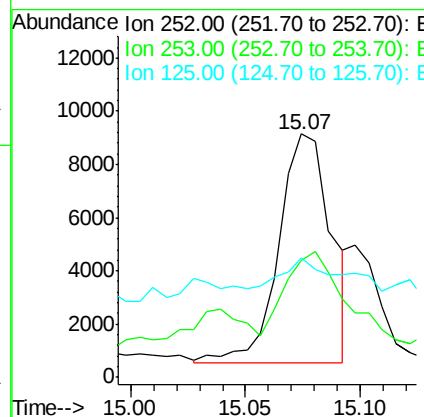
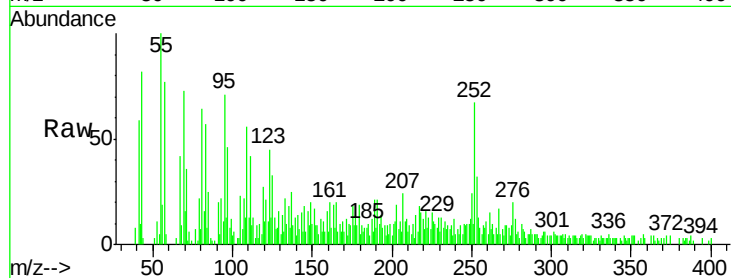
ClientSampleId :

BART-2-E(0-1)

Tot Ion:	252	Resp:	13837
Ion Ratio	Lower	Upper	
252	100		
253	47.9	17.0	25.6#
125	48.8	9.0	13.6#

Manual Integrations
APPROVED

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#89

Benzo(a)pyrene

Concen: 2.293 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF101213.D

Acq: 7 Dec 2017 18:52

Tgt Ion:	252	Resp:	8372
Ion Ratio	Lower	Upper	
252	100		
253	33.3	17.1	25.7#
125	49.4	9.8	14.6#

