

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
 Data File : BF104078.D
 Acq On : 30 Mar 2018 4:25
 Operator : JU/SJ
 Sample : J2122-12 2X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB-15-COMP

Manual Integrations
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 3/30/2018 6:03:20 PM

Quant Time: Mar 30 07:21:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109912	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	454238	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	184891	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	269424	20.00	ng	0.00
75) Chrysene-d12	14.16	240	240854	20.00	ng	0.00
86) Perylene-d12	15.70	264	189042	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	269440	39.09	ng	0.00
7) Phenol-d6	6.60	99	374483	44.16	ng	0.00
23) Nitrobenzene-d5	7.53	82	220156	29.64	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	69752	33.88	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	384588	32.80	ng	0.00
78) Terphenyl-d14	13.08	244	270551	25.94	ng	0.00
Target Compounds						
70) Phenanthrene	11.53	178	42881	2.940	ng	98
74) Fluoranthene	12.72	202	102930	6.638	ng	96
77) Pyrene	12.95	202	101273	5.849	ng	99
80) Benzo(a)anthracene	14.14	228	51329	3.406	ng	97
82) Chrysene	14.18	228	41002	2.778	ng	94
87) Benzo(b)fluoranthene	15.24	252	46510m	4.043	ng	
89) Benzo(a)pyrene	15.64	252	31057	2.913	ng	# 86

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

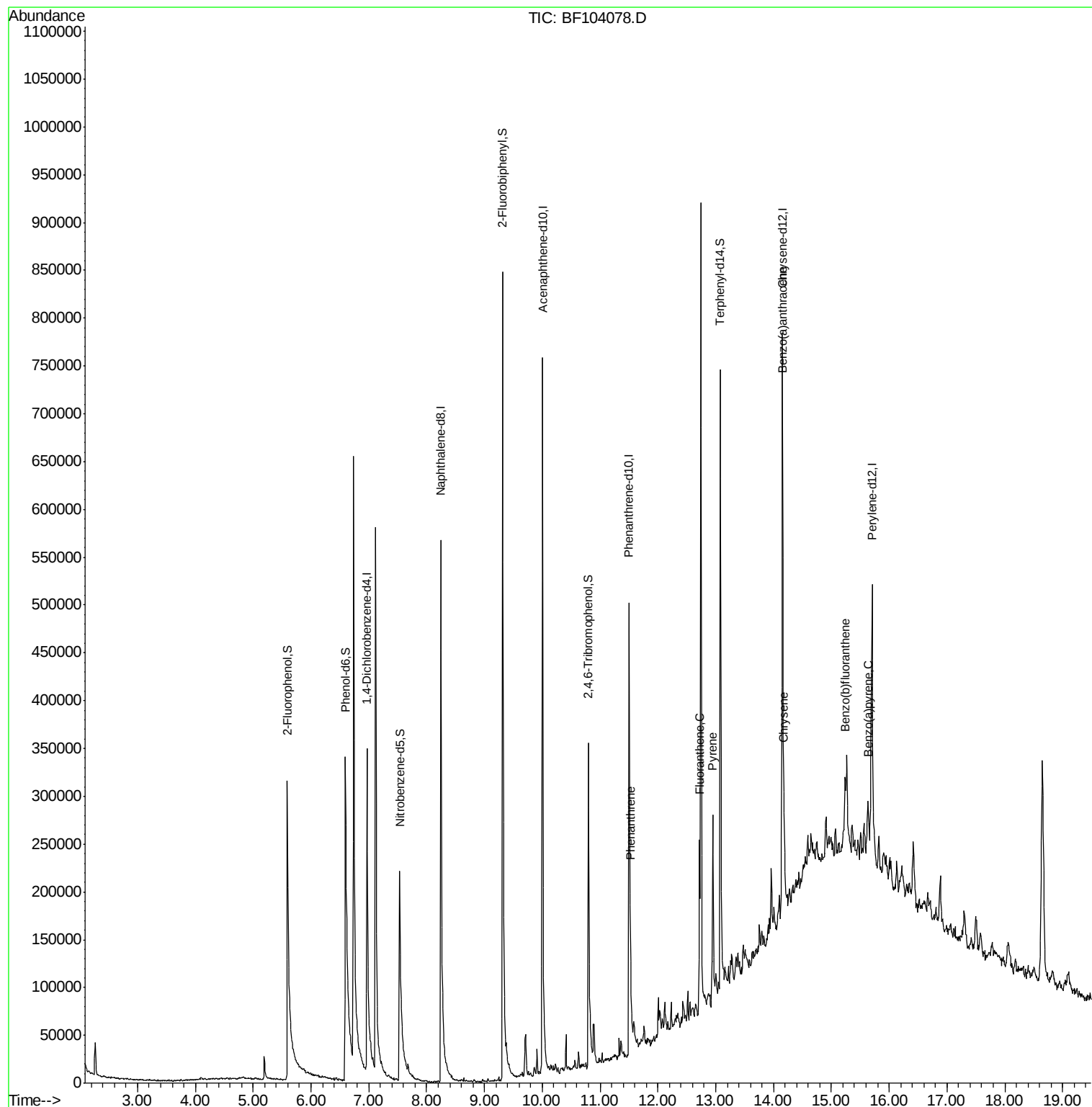
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032918\
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#1

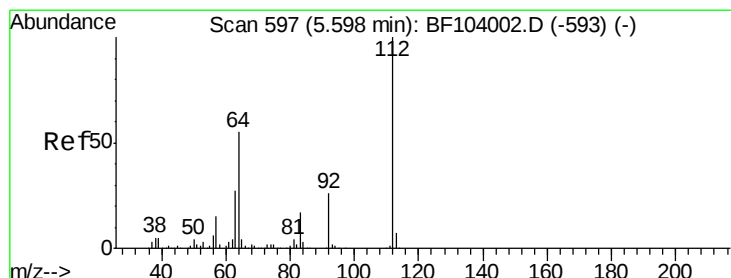
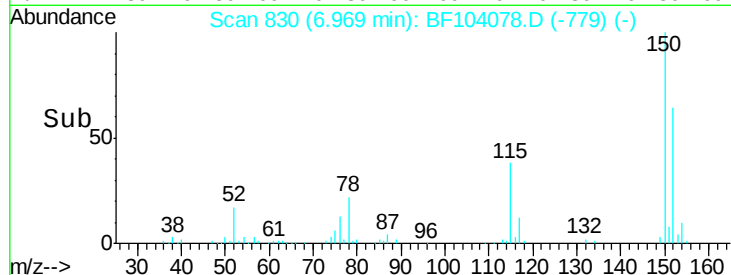
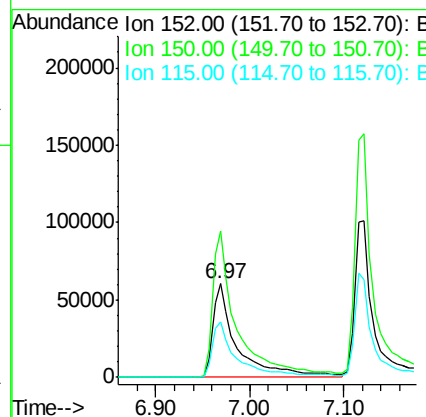
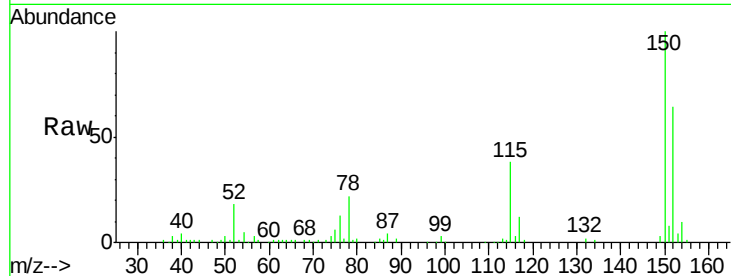
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
PB-15-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	58.9	50.1	75.1

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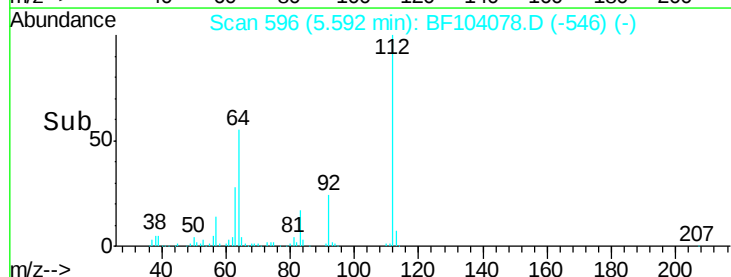
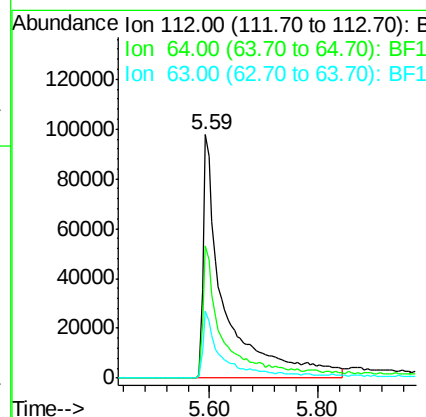
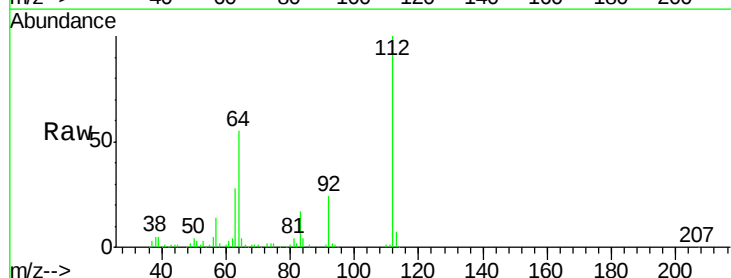
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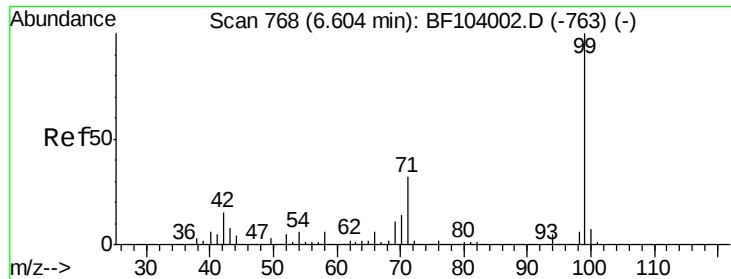


#5

2-Fluorophenol
Concen: 39.094 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 44.164 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Instrument :

BNA_F

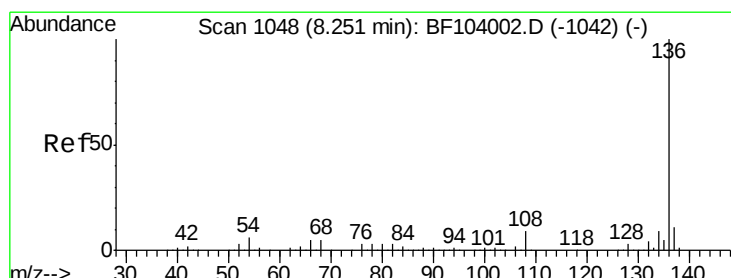
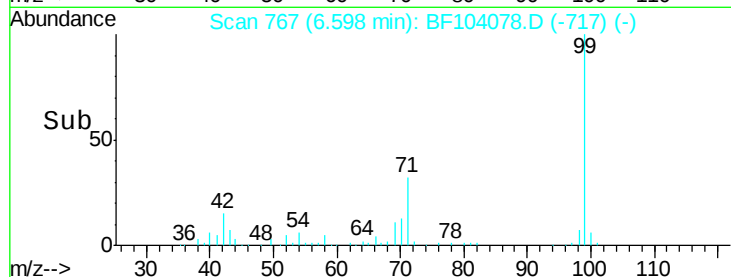
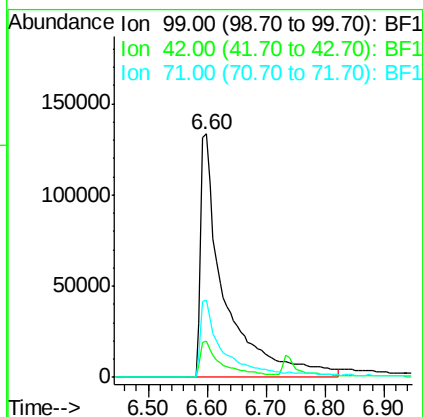
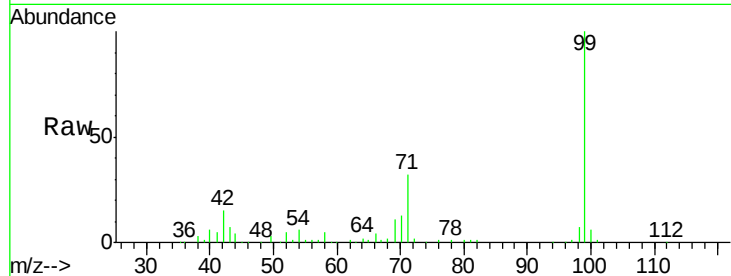
ClientSampleId :

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Tot Ion:	99	Resp:	374483
Ion Ratio	Lower	Upper	
99	100		
42	14.6	14.5	21.7
71	31.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

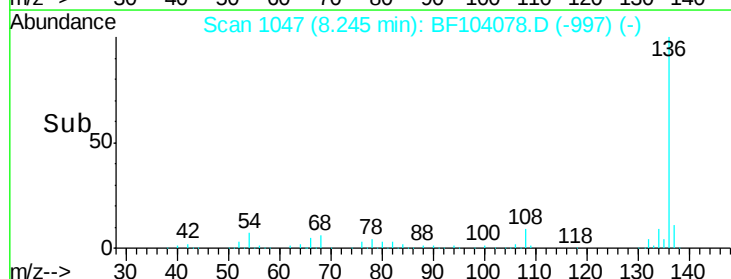
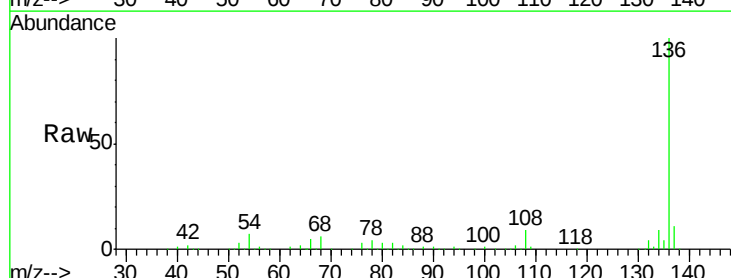
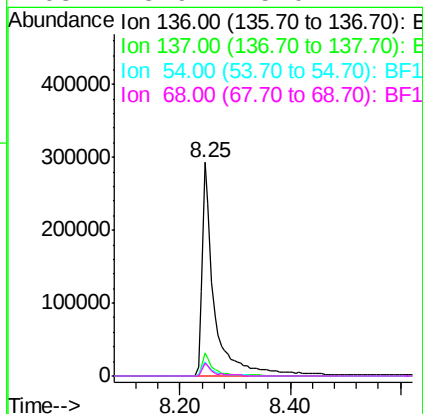
RT: 8.25 min Scan# 1047

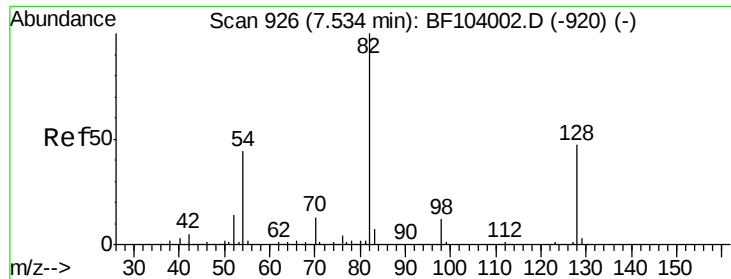
Delta R.T. -0.01 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Tgt Ion:	136	Resp:	454238
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	5.9	5.0	7.4





#23

Nitrobenzene-d5

Concen: 29.640 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Instrument :

BNA_F

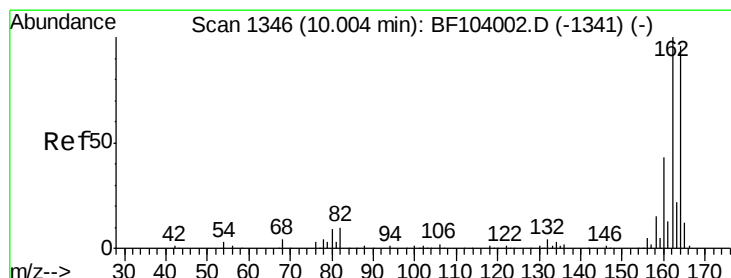
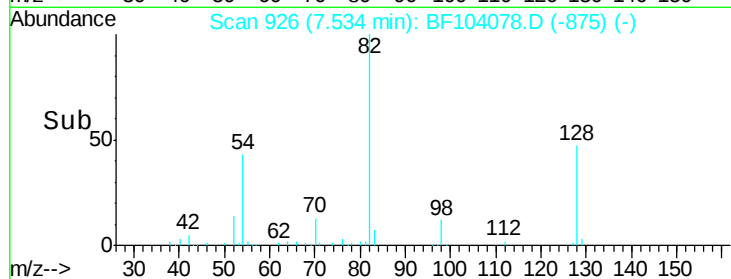
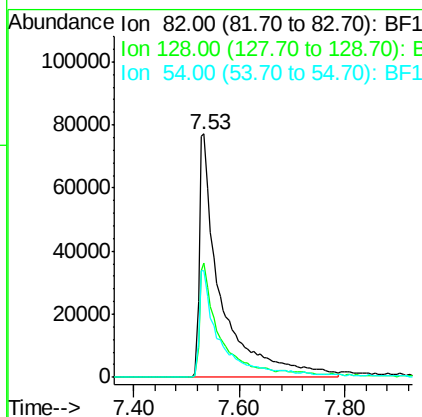
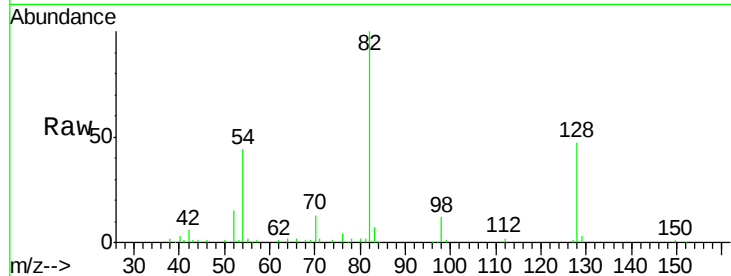
ClientSampled :

PB-15-COMP

Tot Ion:	82	Resp:	220156
Ion Ratio	Lower	Upper	
82	100		
128	47.0	36.1	54.1
54	43.9	41.4	62.2

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#38

Acenaphthene-d10

Concen: 20.000 ng

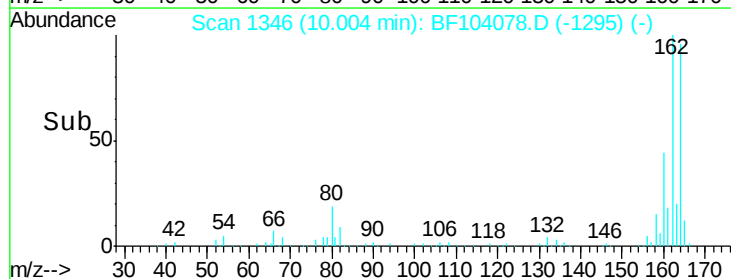
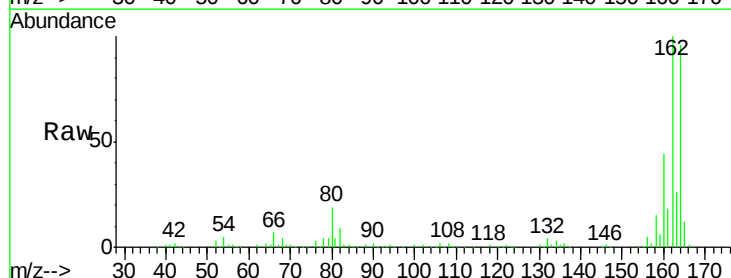
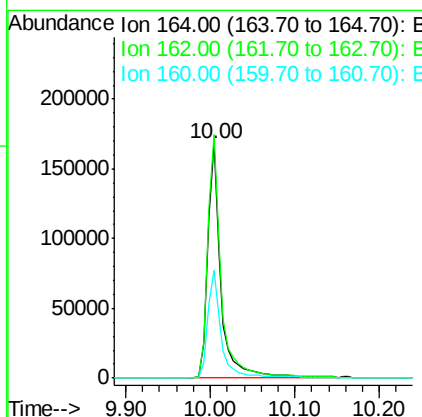
RT: 10.00 min Scan# 1346

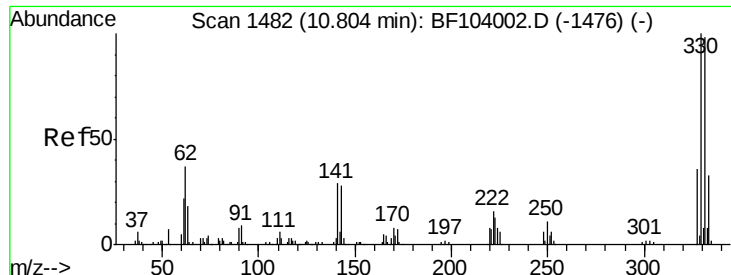
Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Tgt Ion:	164	Resp:	184891
Ion Ratio	Lower	Upper	
164	100		
162	103.9	86.1	129.1
160	45.9	38.3	57.5





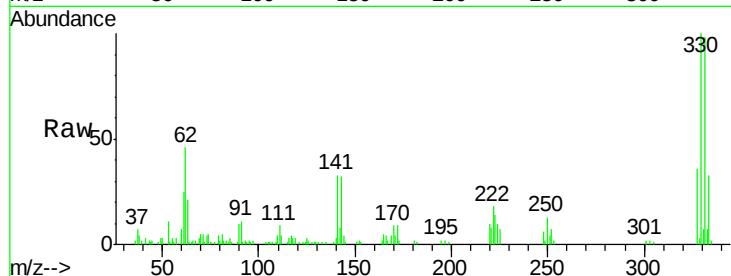
#41
 2,4,6-Tribromophenol
 Concen: 33.881 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BF104078.D
 Acq: 30 Mar 2018 4:25

Instrument :
 BNA_F
 ClientSampleId :
 PB-15-COMP

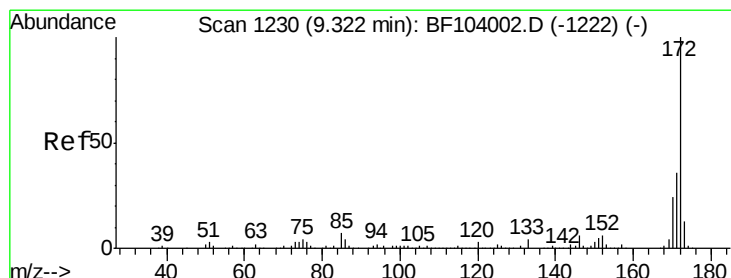
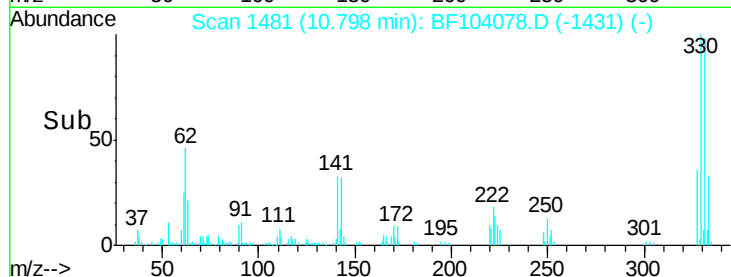
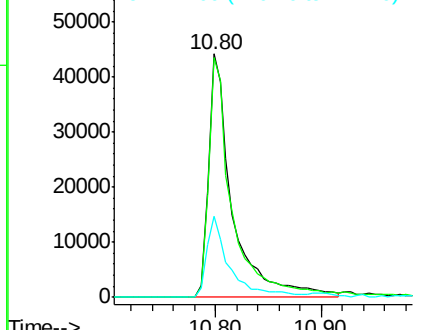
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.0	115.6
141	31.3	29.9	44.9

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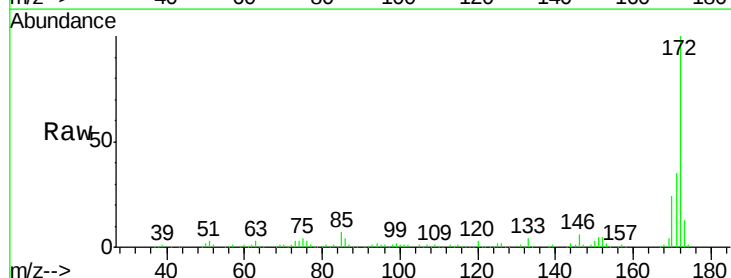


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

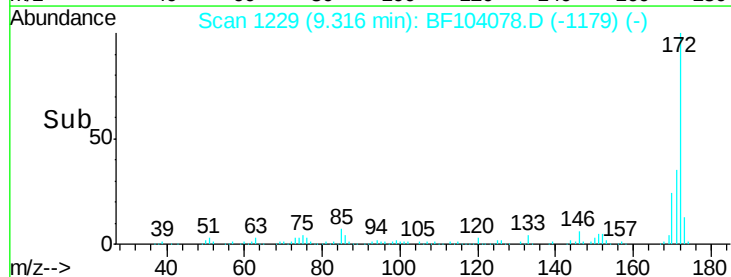
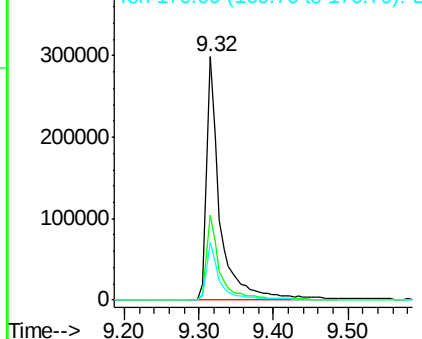


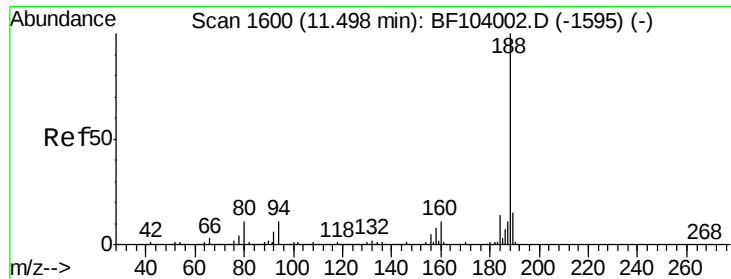
#44
 2-Fluorobiphenyl
 Concen: 32.801 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104078.D
 Acq: 30 Mar 2018 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Instrument :

BNA_F

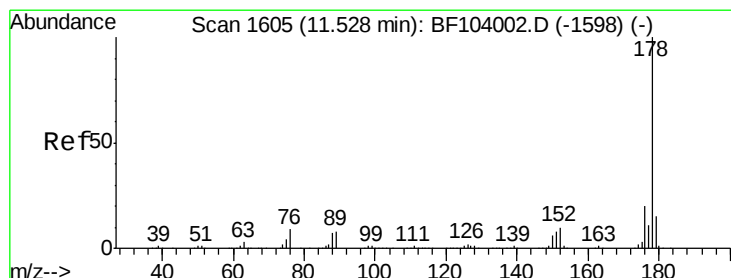
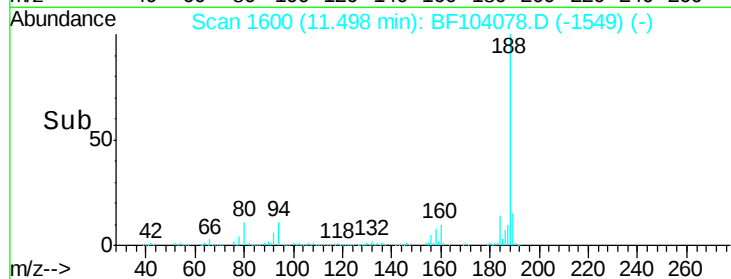
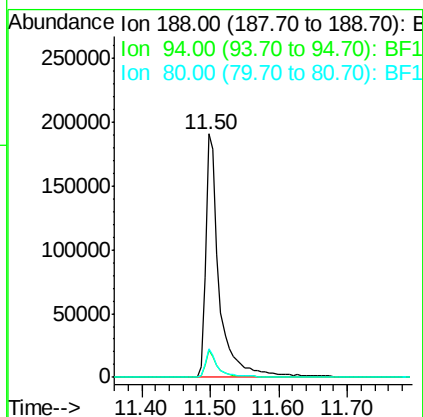
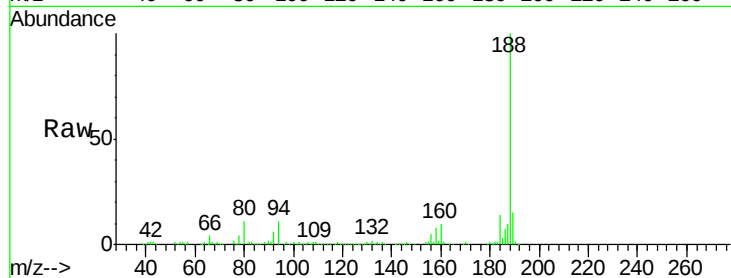
ClientSampleId :

PB-15-COMP

Tot Ion:	188	Resp:	269424
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.5	9.2	13.8

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#70

Phenanthrene

Concen: 2.940 ng

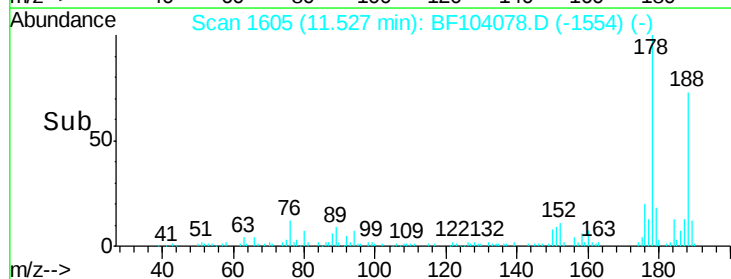
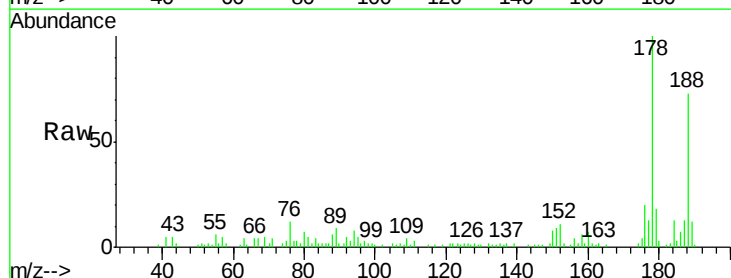
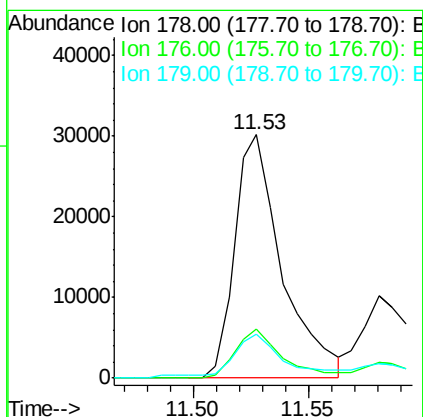
RT: 11.53 min Scan# 1605

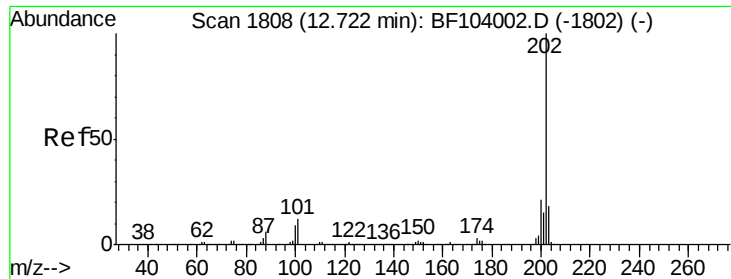
Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Tgt Ion:	178	Resp:	42881
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.8	23.8
179	18.0	13.0	19.6





#74

Fluoranthene

Concen: 6.638 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Instrument :

BNA_F

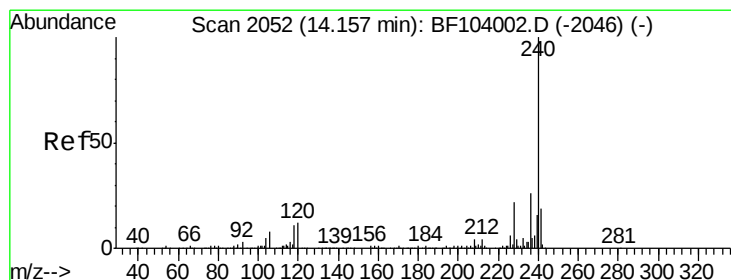
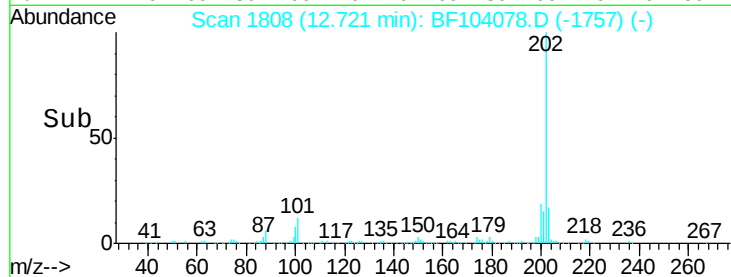
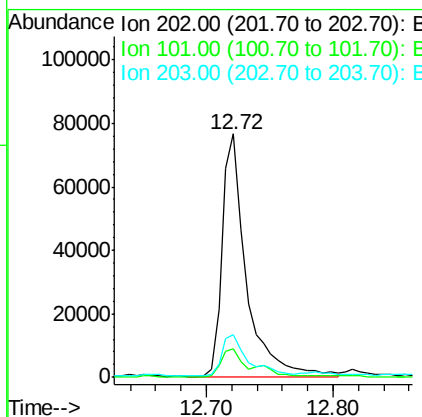
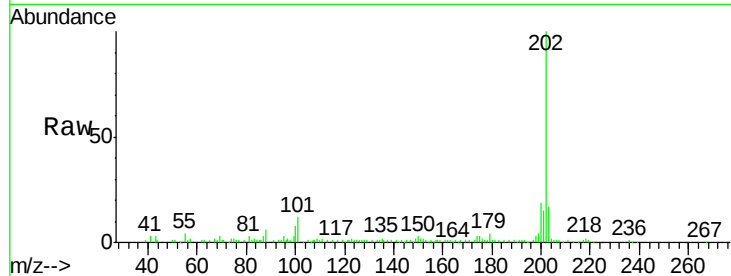
ClientSampleId :

PB-15-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		102930		
101	11.6	0.0	34.1		
203	17.3	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

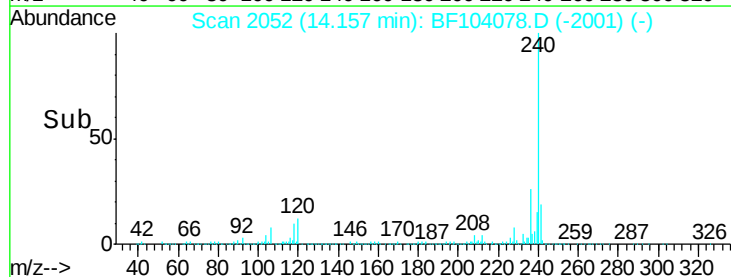
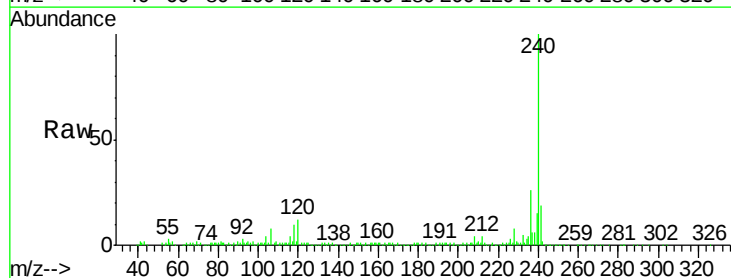
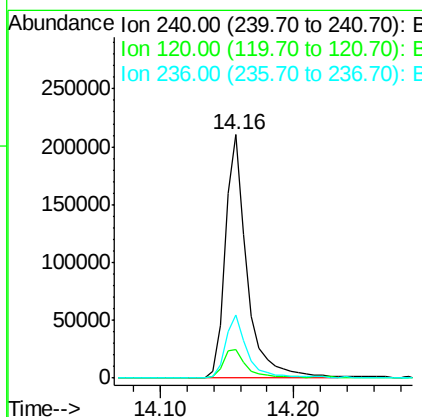
RT: 14.16 min Scan# 2052

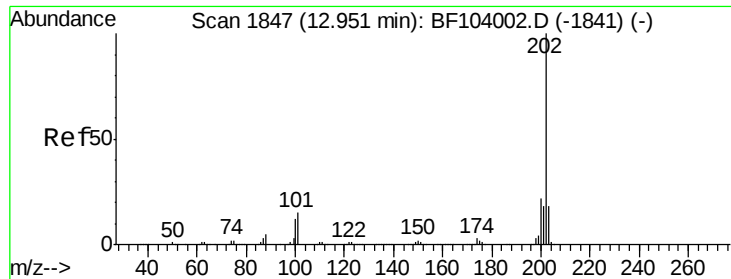
Delta R.T. -0.00 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		240854		
120	11.8	9.5	14.3		
236	25.8	20.7	31.1		





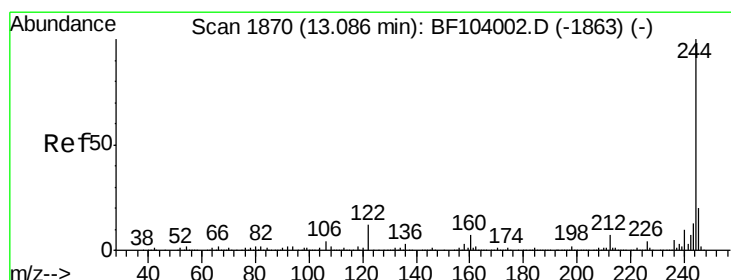
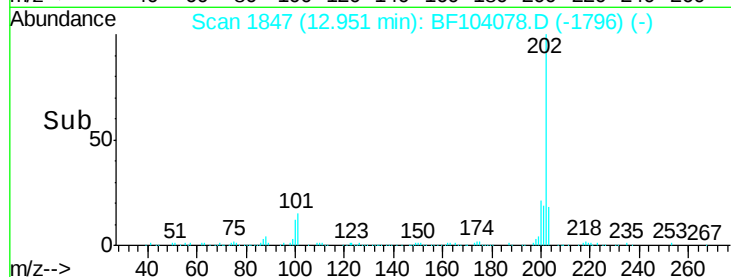
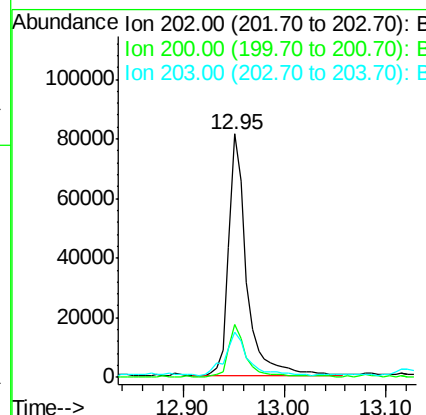
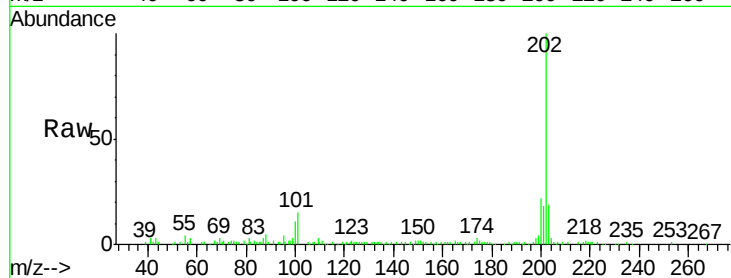
#77
Pvrene
Concen: 5.849 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
PB-15-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	18.6	14.3	21.5

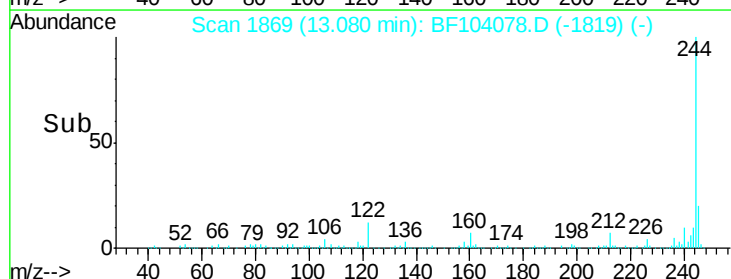
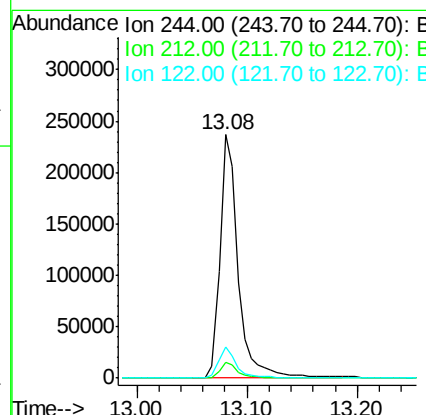
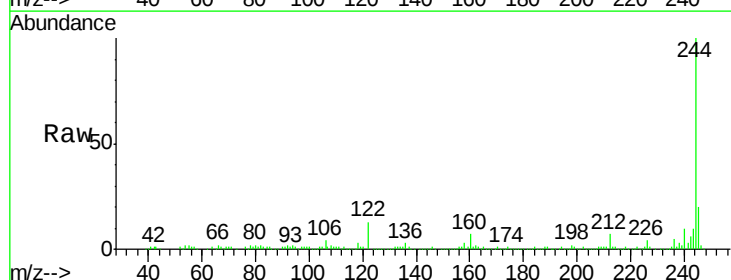
Manual Integrations
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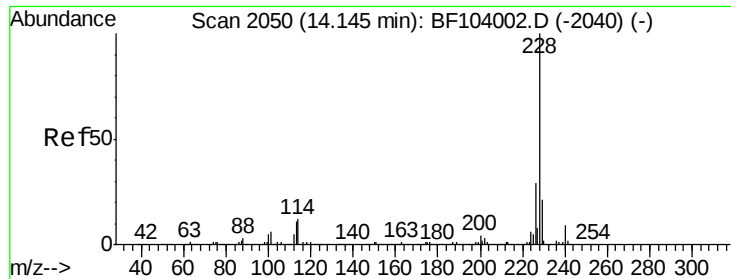
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#78
Terphenyl-d14
Concen: 25.936 ng
RT: 13.08 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	12.5	11.0	16.4





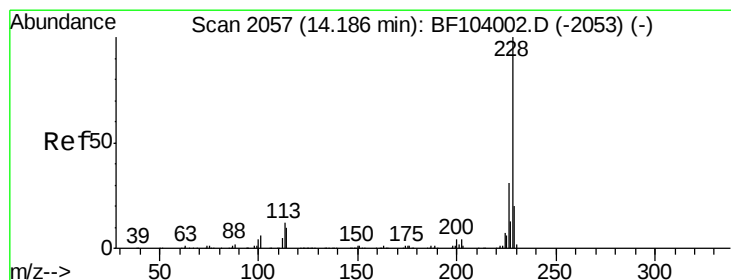
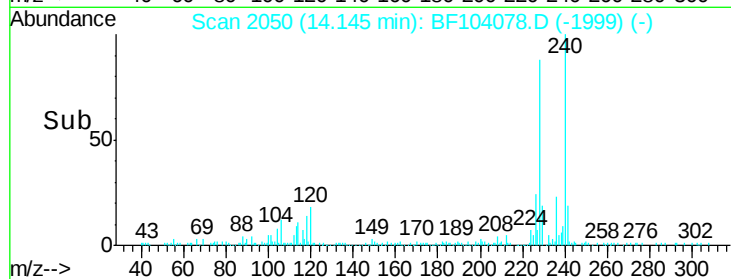
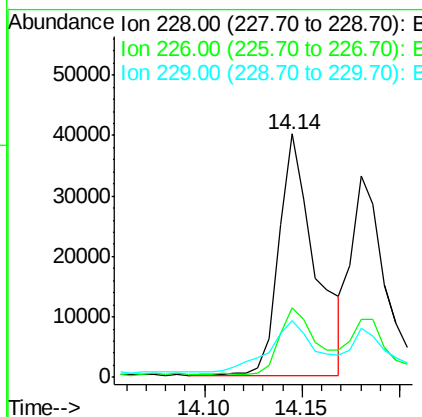
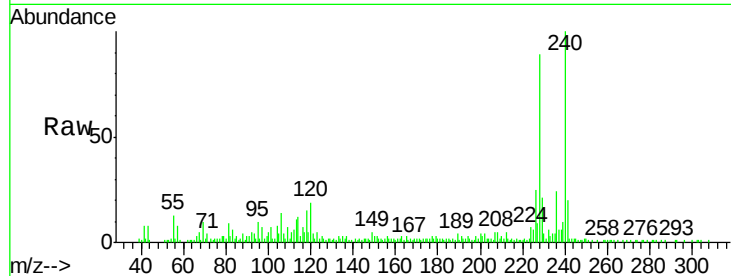
#80
Benzo(a)anthracene
Concen: 3.406 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
PB-15-COMP

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	23.1	15.8	23.6

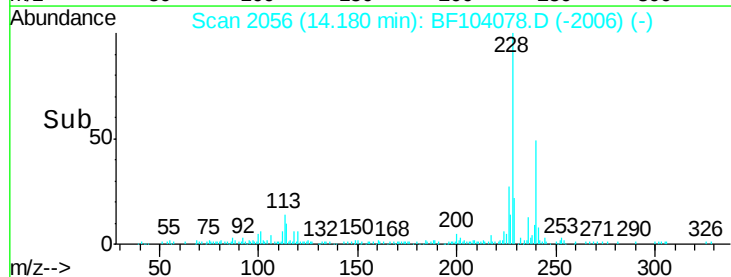
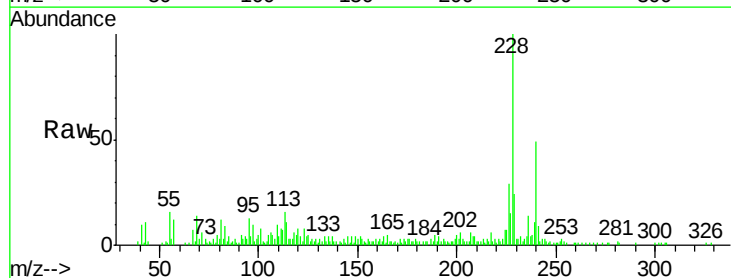
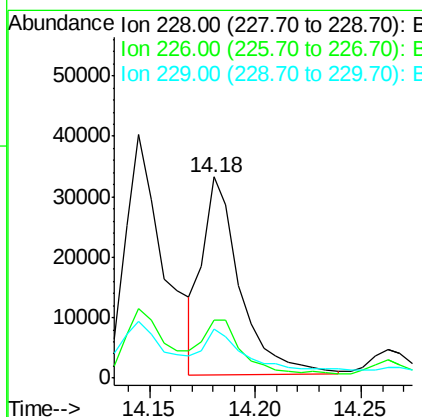
Manual Integrations
APPROVED

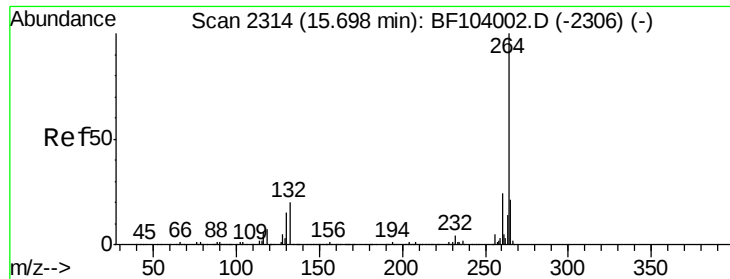
Sohil
3/30/2018 6:03:20 PM



#82
Chrysene
Concen: 2.778 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.0	37.6
229	24.2	16.2	24.4





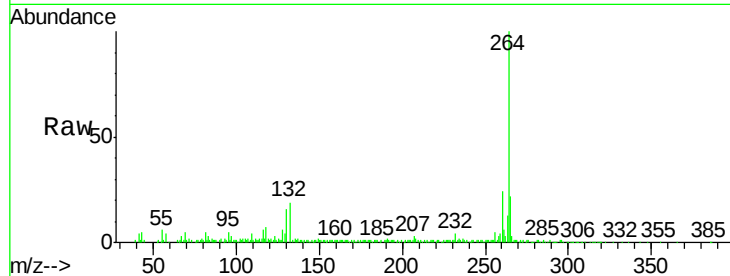
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

Instrument :
BNA_F
ClientSampleId :
PB-15-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.5	26.3

Manual Integrations
APPROVED

Sohil
3/30/2018 6:03:20 PM

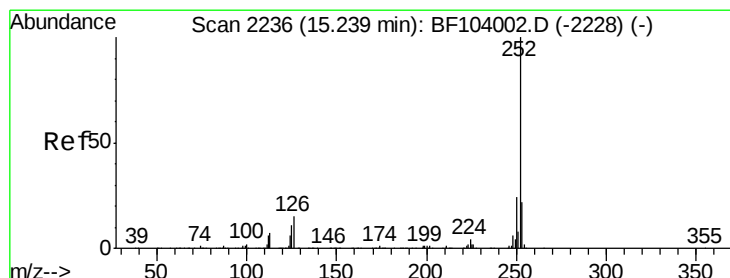
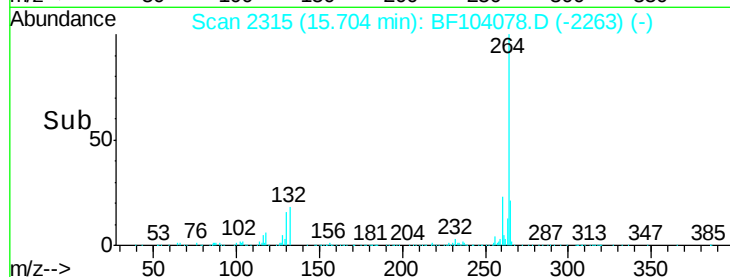
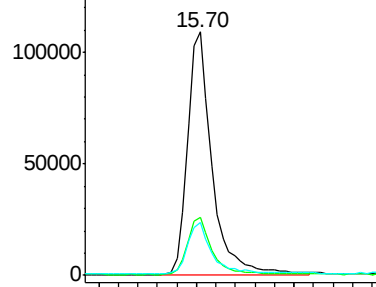


Abundance

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: 4.043 ng m
RT: 15.24 min Scan# 2236
Delta R.T. -0.00 min
Lab File: BF104078.D
Acq: 30 Mar 2018 4:25

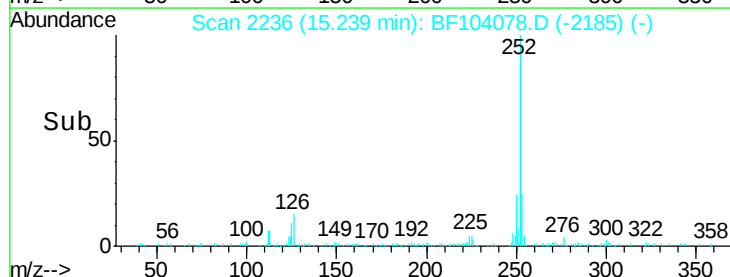
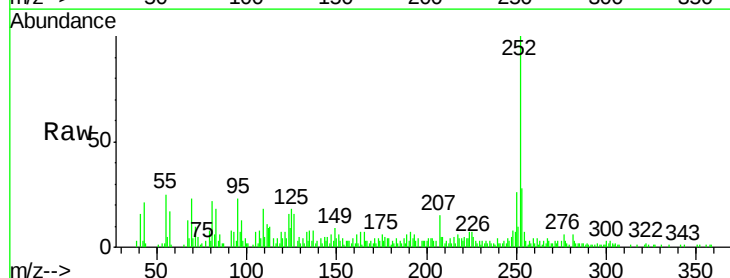
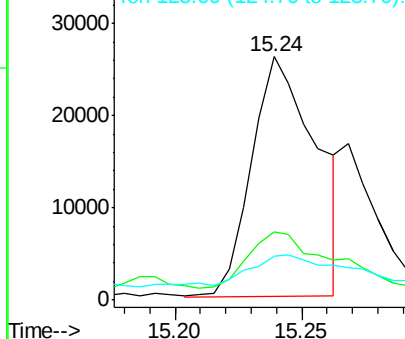
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.0	25.6#
125	17.9	9.0	13.6#

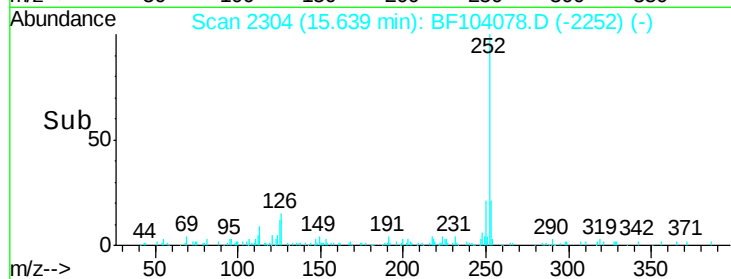
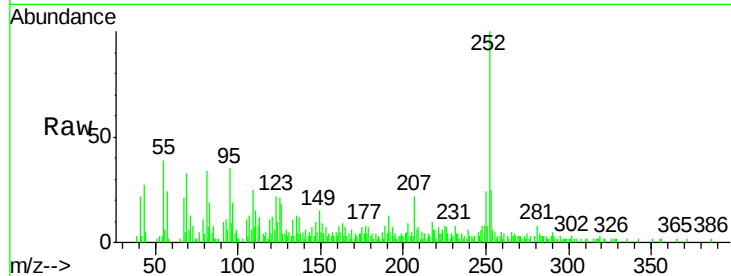
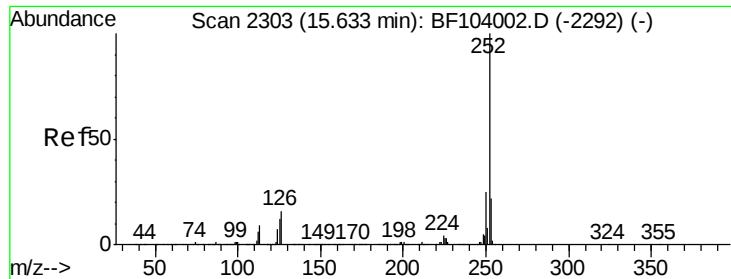
Abundance

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: 2.913 ng

RT: 15.64 min Scan# 2304

Delta R.T. 0.01 min

Lab File: BF104078.D

Acq: 30 Mar 2018 4:25

Instrument :

BNA_F

ClientSampleId :

PB-15-COMP

Tot Ion:	252	Resp:	31057
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.1	25.7
125	21.2	9.8	14.6#

Manual Integrations
APPROVED

Sohil
3/30/2018 6:03:20 PM

