

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
 Data File : BF103936.D
 Acq On : 26 Mar 2018 20:22
 Operator : JU/SJ
 Sample : J1758-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-032318-B

Manual Integrations
 APPROVED

Sohil
 3/27/2018 2:15:37 PM

Quant Time: Mar 27 08:14:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144304	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	588803	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	266455	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	442653	20.00	ng	0.00
75) Chrysene-d12	14.16	240	299014	20.00	ng	0.00
86) Perylene-d12	15.70	264	277858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	868926	91.59	ng	0.00
7) Phenol-d6	6.60	99	1054234	90.83	ng	0.00
23) Nitrobenzene-d5	7.53	82	641440	75.97	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	258683	112.91	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1080176	64.67	ng	0.00
78) Terphenyl-d14	13.09	244	850392	66.01	ng	0.00
Target Compounds						
10) Phenol	6.60	94	27728	2.248	ng	Qvalue # 78
49) Dimethylphthalate	9.72	163	70361	3.461	ng	99
70) Phenanthrene	11.53	178	123845	5.115	ng	99
74) Fluoranthene	12.73	202	168218	6.743	ng	95
77) Pyrene	12.96	202	140380	6.393	ng	97
80) Benzo(a)anthracene	14.15	228	58941	3.114	ng	98
82) Chrysene	14.19	228	52643	2.918	ng	97
87) Benzo(b)fluoranthene	15.24	252	58686m	3.343	ng	
89) Benzo(a)pyrene	15.63	252	42912	2.695	ng	# 92

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

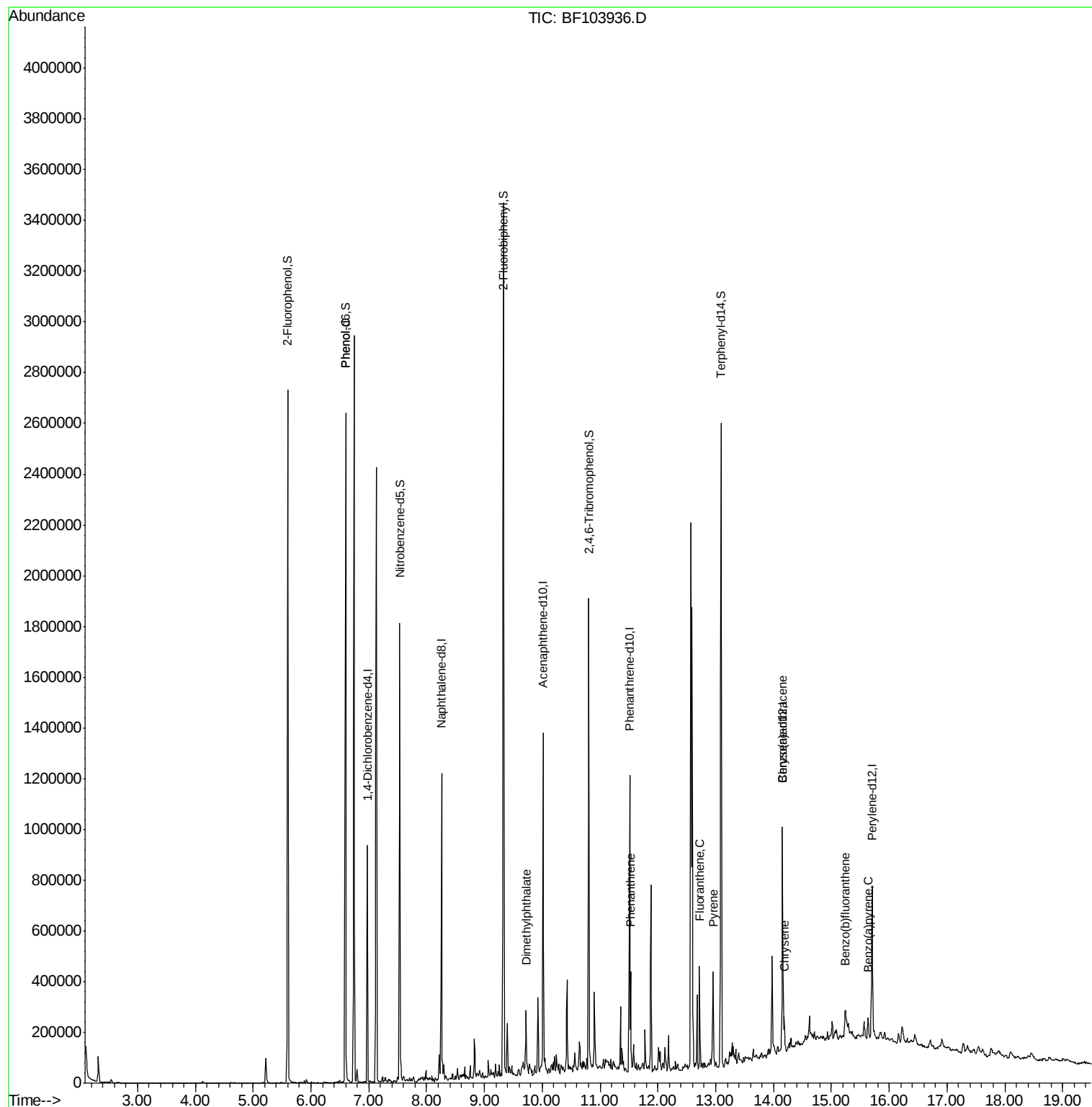
Data Path : Z:\HPCHEM1\BNA F\DATA\BF032618\
Data File : BF103936.D
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Operator : JU/SJ
Sample : J1758-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

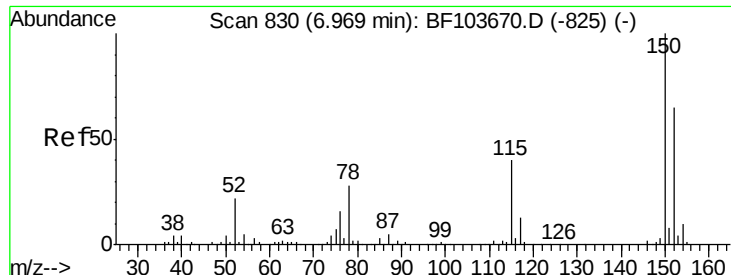
Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Manual Integrations
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Quant Time: Mar 27 08:14:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

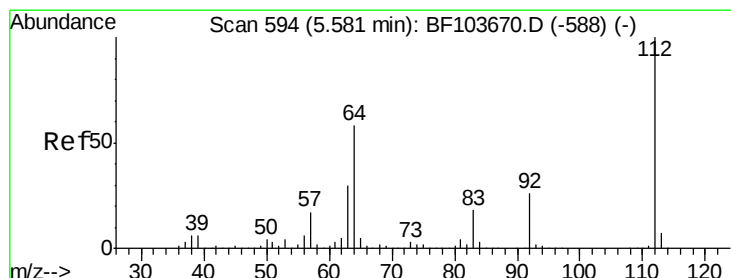
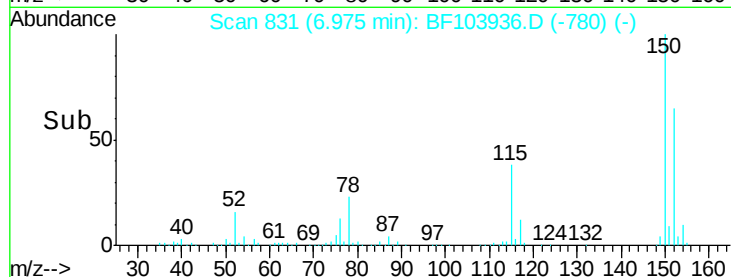
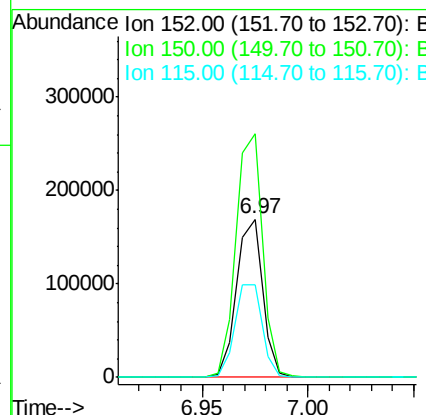
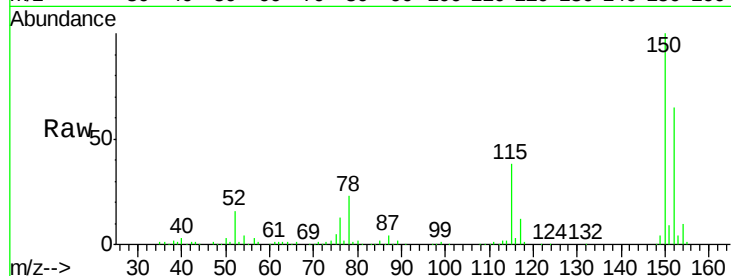
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.6	186.8
115	58.6	50.1	75.1

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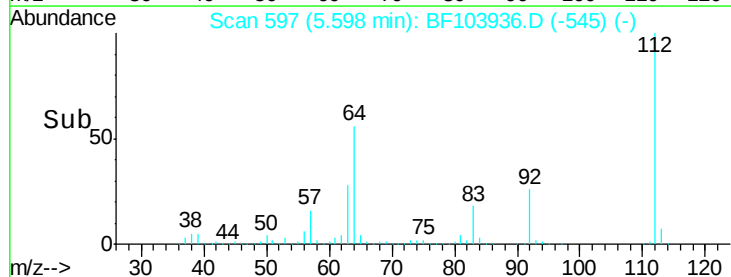
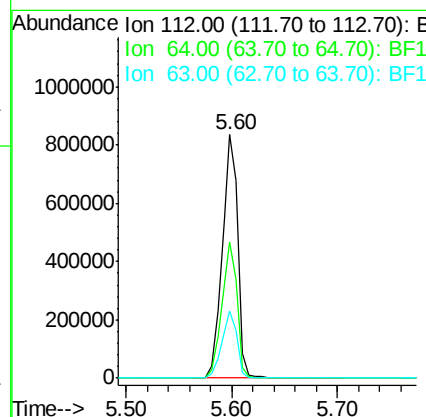
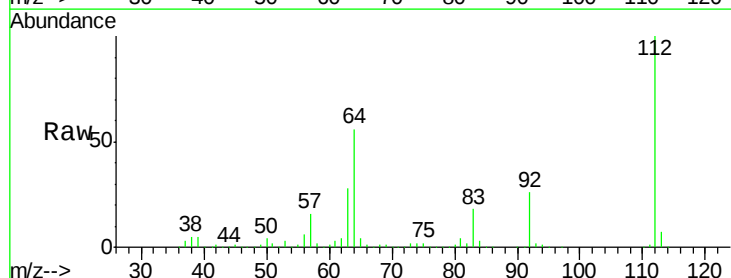
Sohil
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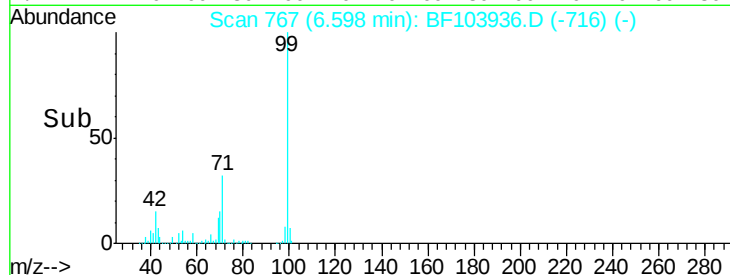
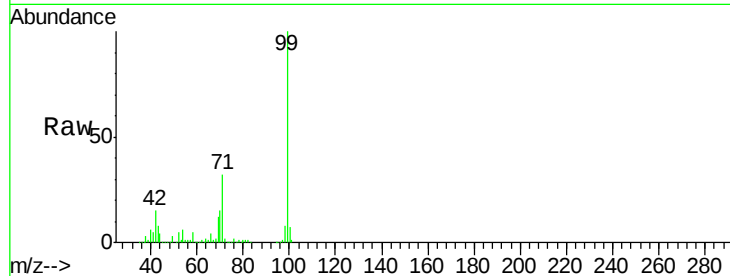


#5

2-Fluorophenol
Concen: 91.587 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	27.7	23.7	35.5





#7

Phenol-d6

Concen: 90.825 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Tot Ion: 99 Resp: 1054234

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

71 32.1 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

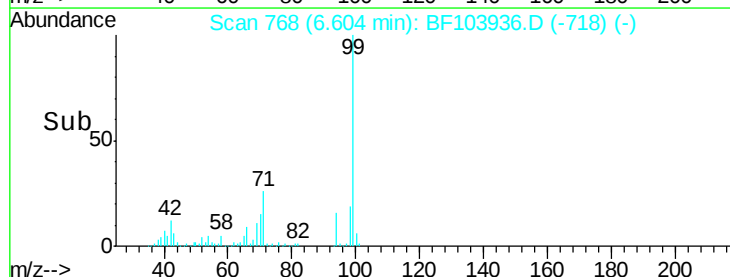
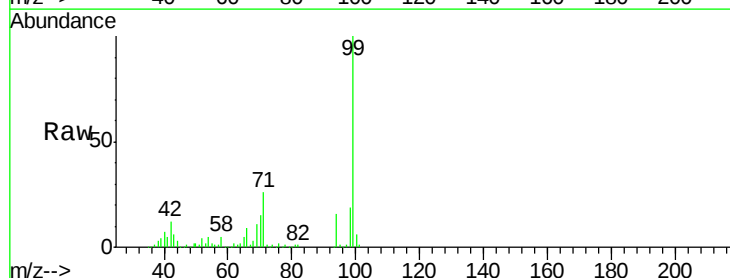
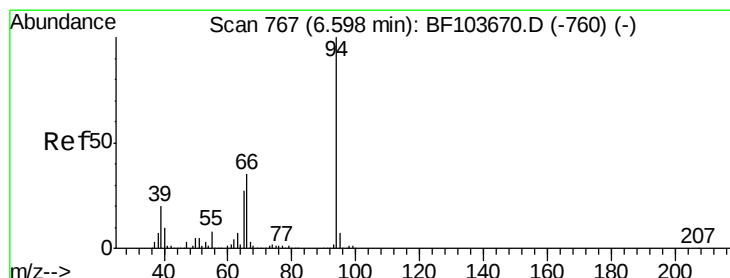
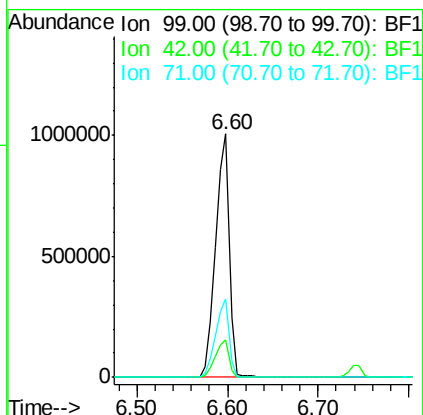
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#10

Phenol

Concen: 2.248 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

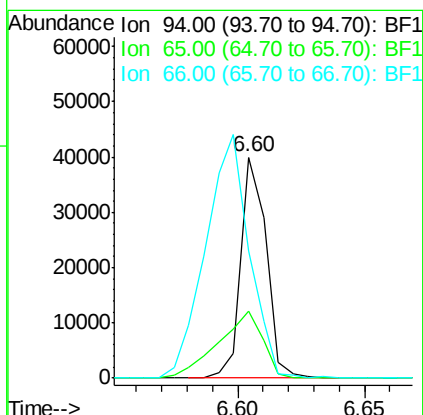
Tgt Ion: 94 Resp: 27728

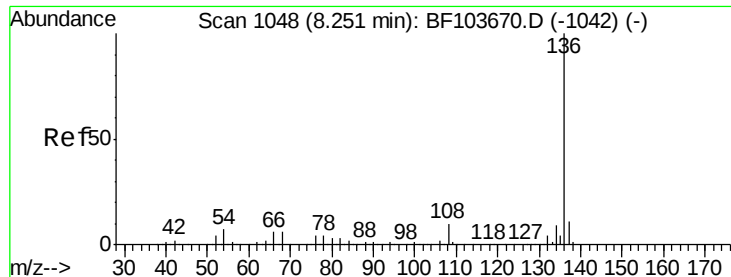
Ion Ratio Lower Upper

94 100

65 30.3 7.9 47.9

66 57.6 16.2 56.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Instrument :

BNA_F

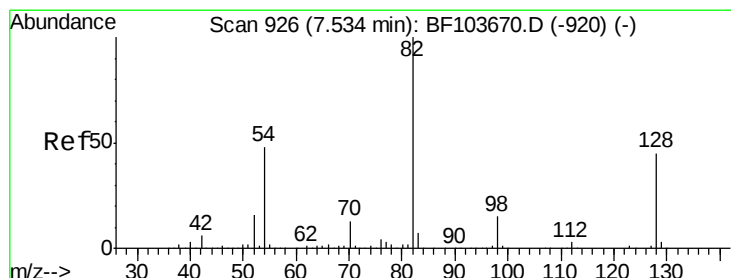
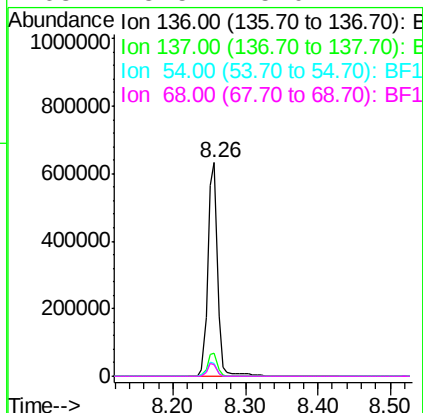
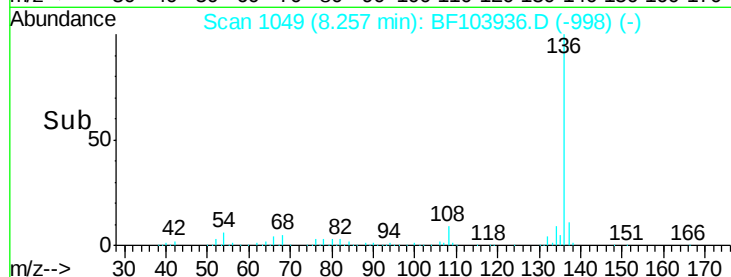
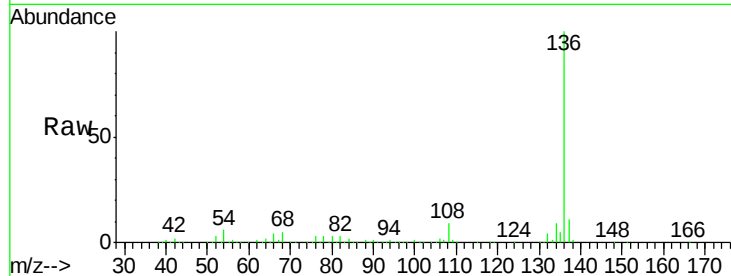
ClientSampleId :

PL-02-032318-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		588803		
137	10.8		8.9	13.3	
54	6.2		6.6	9.8	
68	5.5		5.0	7.4	

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#23

Nitrobenzene-d5

Concen: 75.970 ng

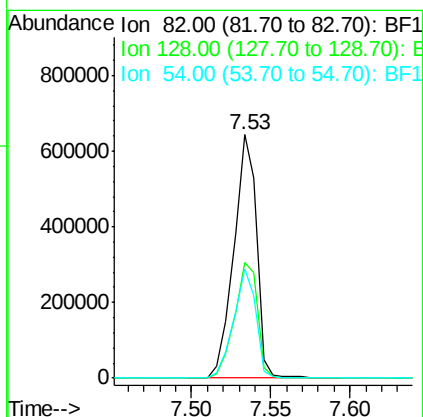
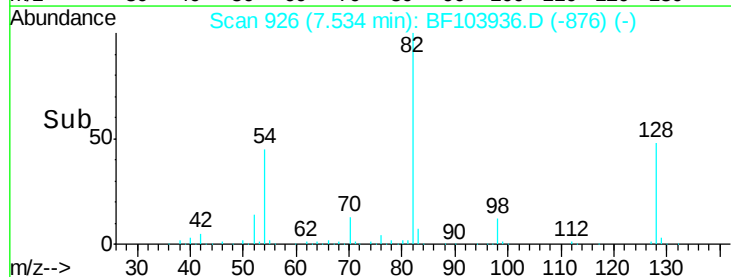
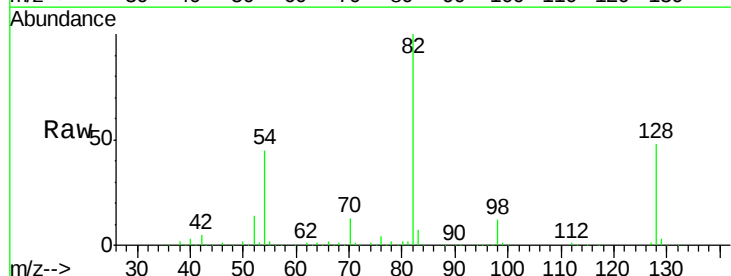
RT: 7.53 min Scan# 926

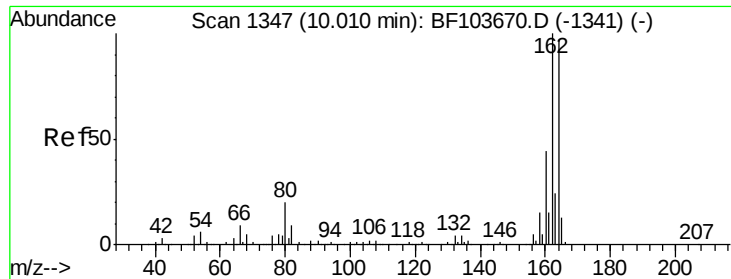
Delta R.T. -0.01 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		641440		
128	47.6		36.1	54.1	
54	44.7		41.4	62.2	





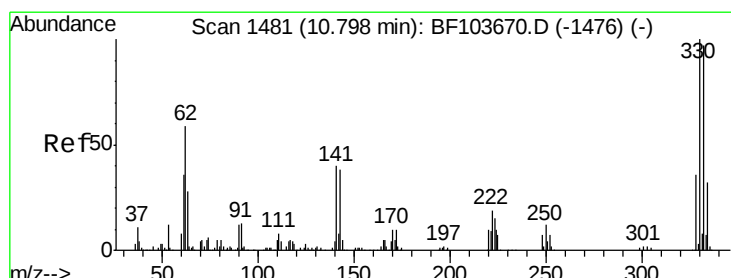
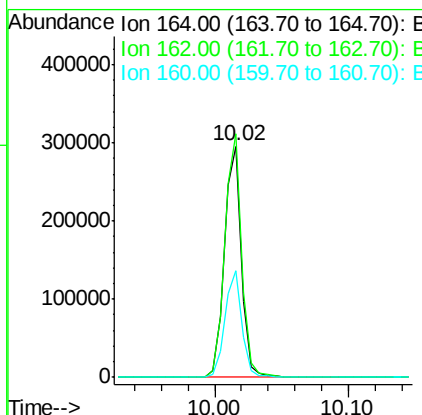
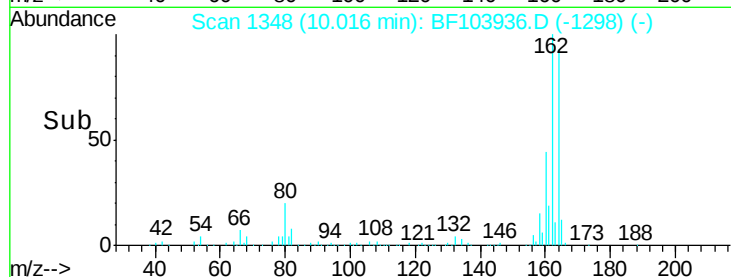
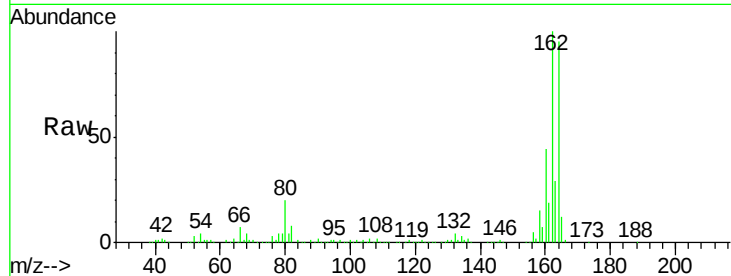
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.4	86.1	129.1	
160	46.0	38.3	57.5	

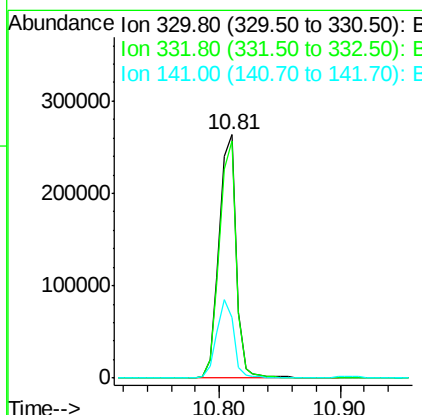
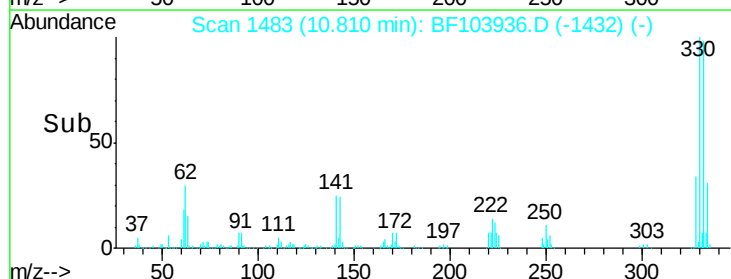
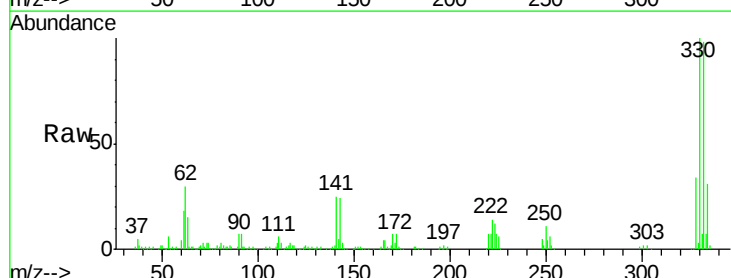
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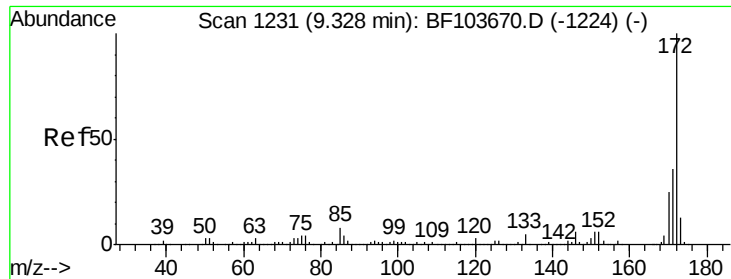
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#41
2,4,6-Tribromophenol
Concen: 112.913 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.0	115.6	
141	32.4	29.9	44.9	





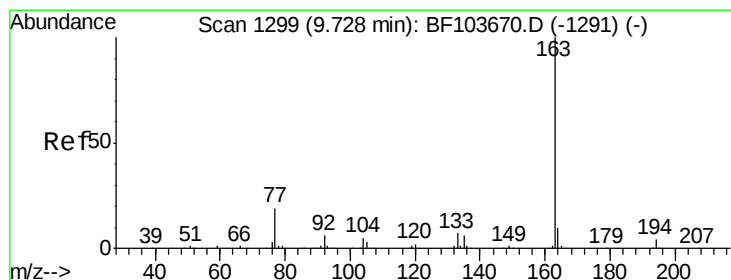
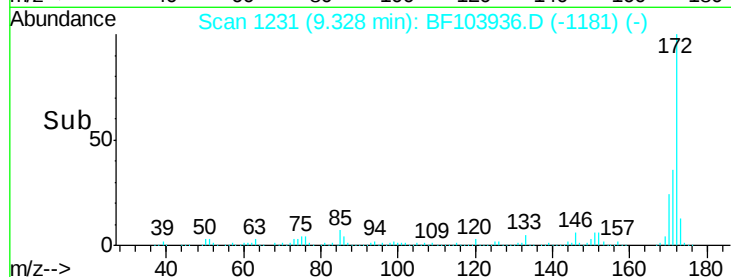
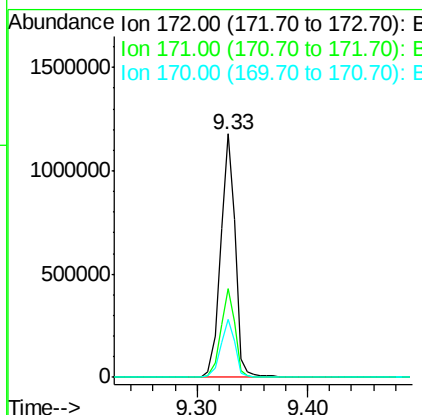
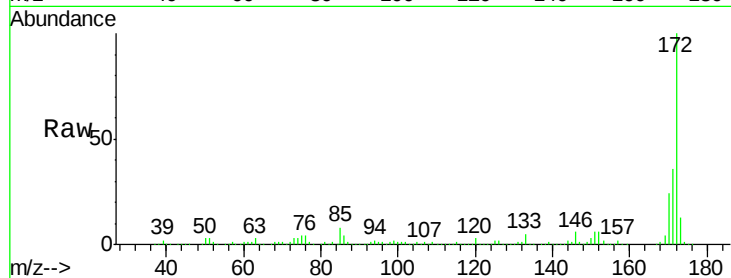
#44
2-Fluorobiphenyl
Concen: 64.665 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.0	19.6	29.4

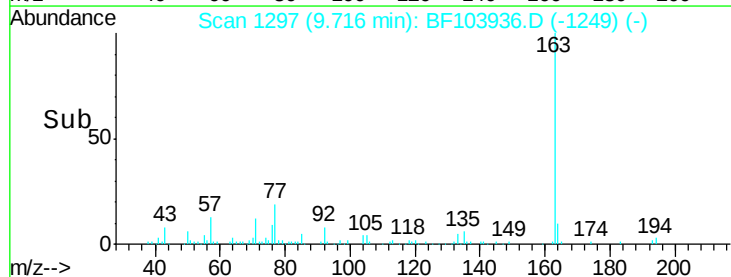
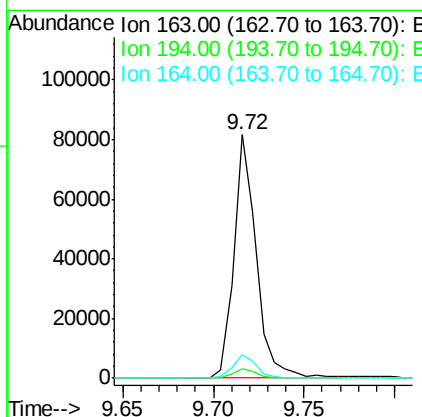
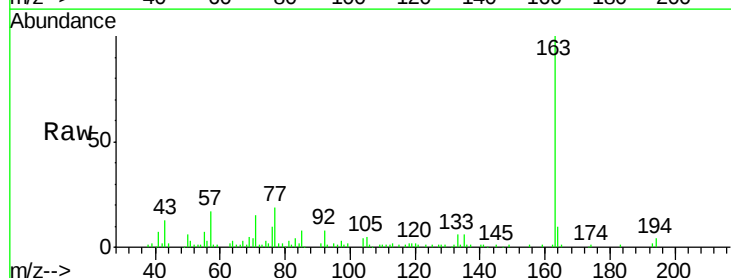
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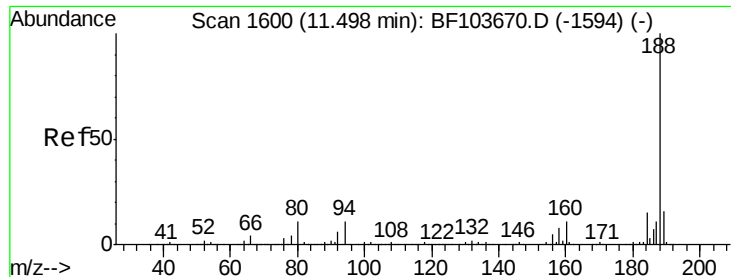
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#49
Dimethylphthalate
Concen: 3.461 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	9.7	8.2	12.2





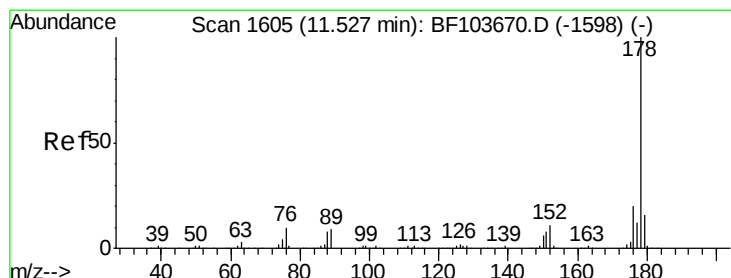
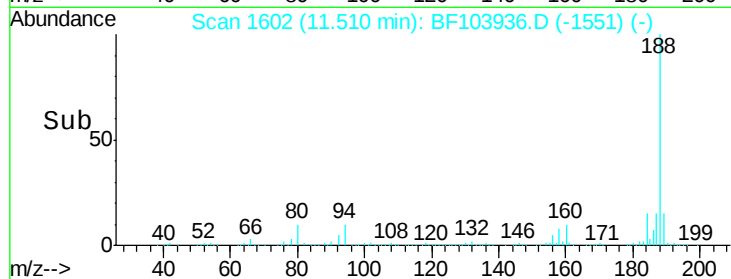
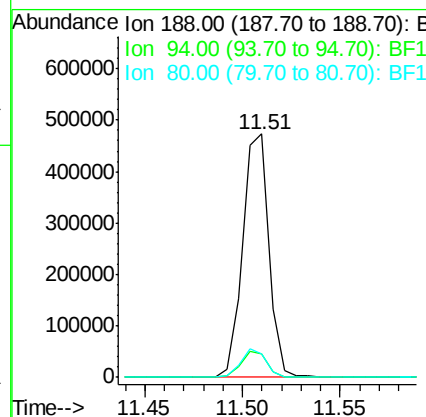
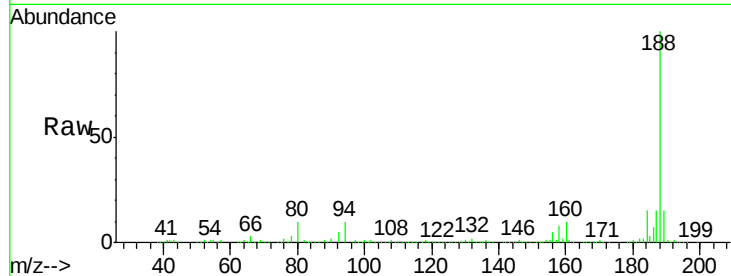
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	442653		
94	9.6		8.5	12.7
80	9.7		9.2	13.8

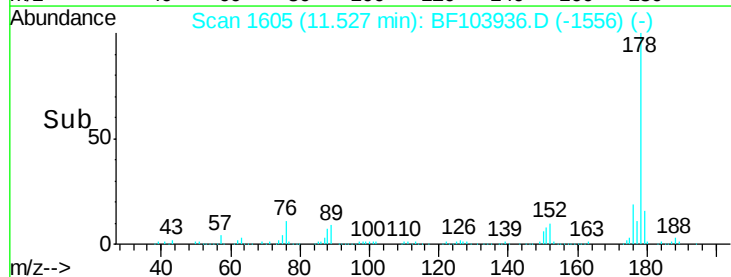
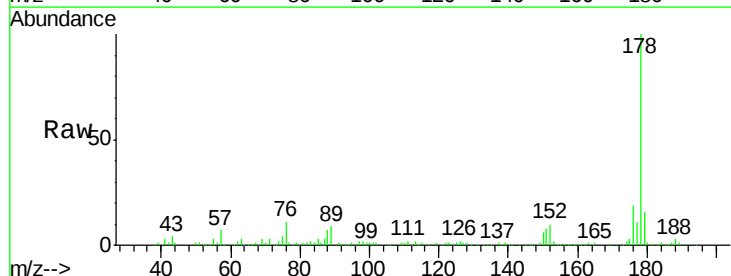
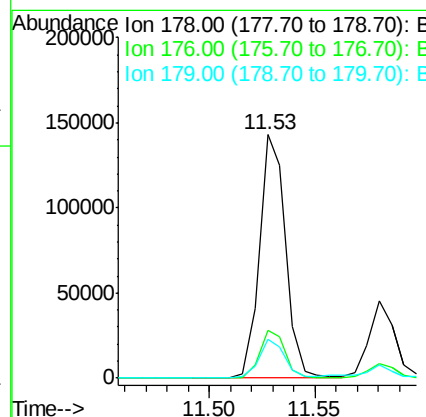
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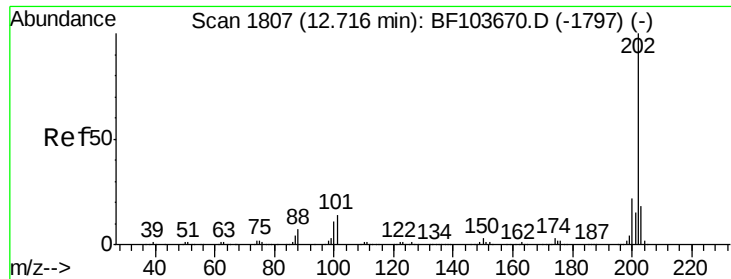
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#70
Phenanthrene
Concen: 5.115 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	123845		
176	19.5		15.8	23.8
179	15.9		13.0	19.6





#74

Fluoranthene

Concen: 6.743 ng

RT: 12.73 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Instrument :

BNA_F

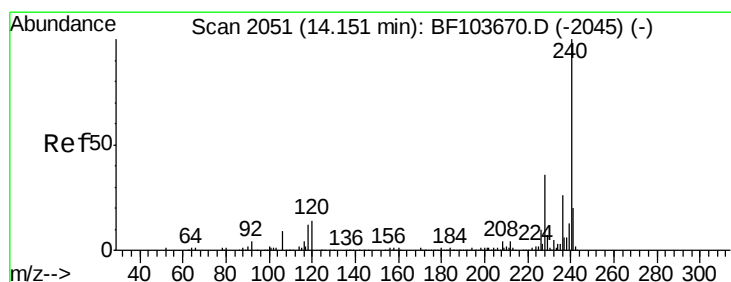
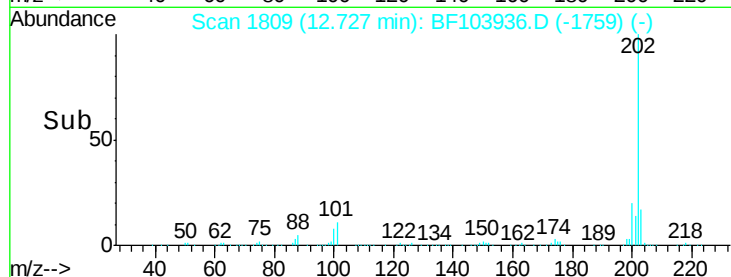
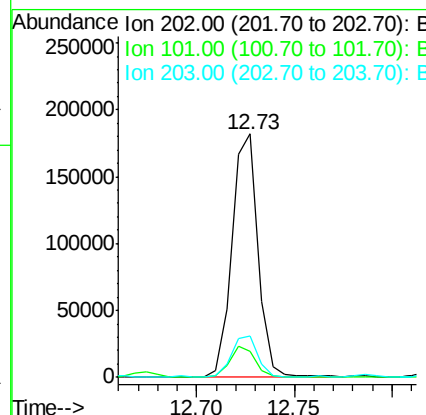
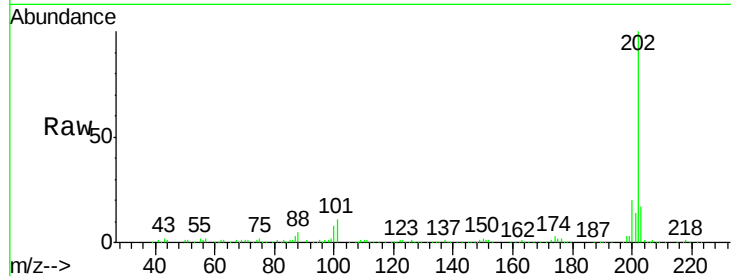
ClientSampleId :

PL-02-032318-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.9	0.0	34.1
203	16.8	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

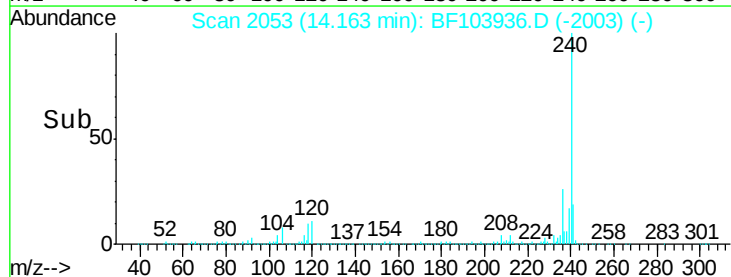
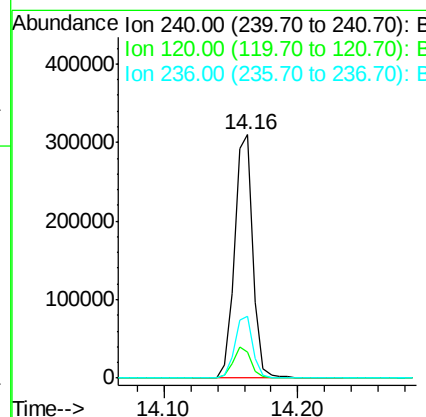
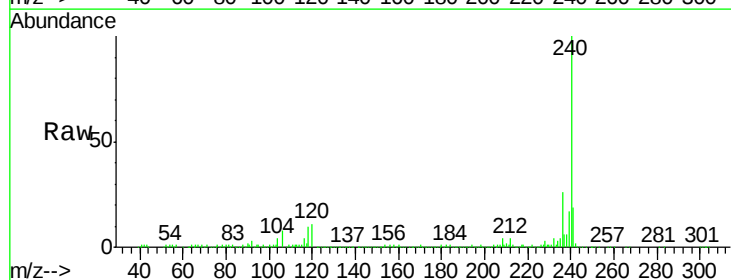
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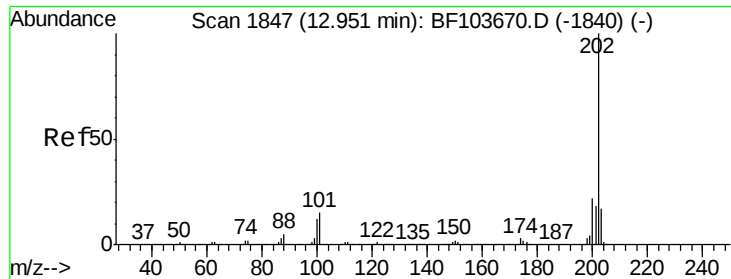
Delta R.T. -0.01 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.8	9.5	14.3
236	25.5	20.7	31.1





#77

Pvrene

Concen: 6.393 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF103936.D

Acq: 26 Mar 2018 20:22

Instrument :

BNA_F

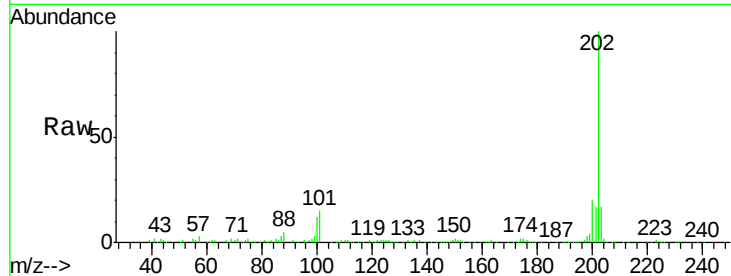
ClientSampleId :

PL-02-032318-B

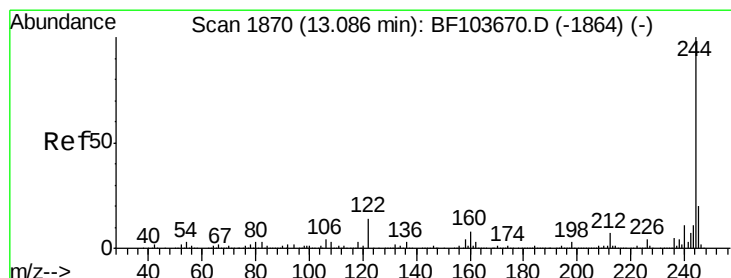
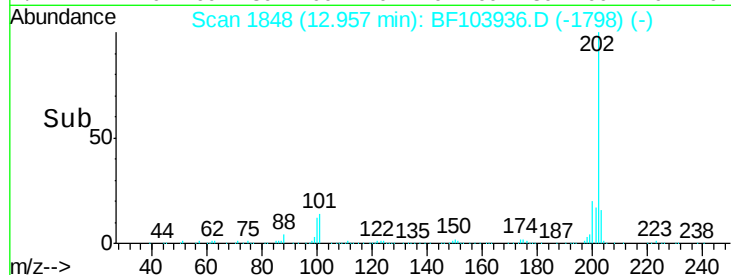
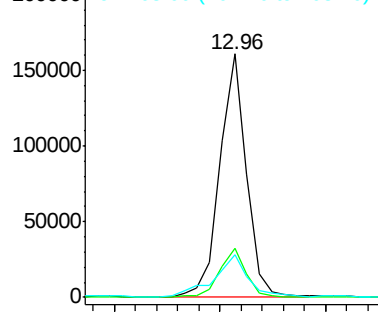
Tot Ion:	202	Resp:	140380
Ion Ratio		Lower	Upper
202	100		
200	20.2	17.4	26.2
203	17.3	14.3	21.5

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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



#78

Terphenyl-d14

Concen: 66.013 ng

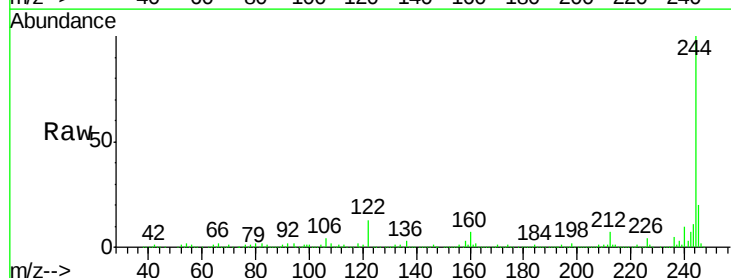
RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

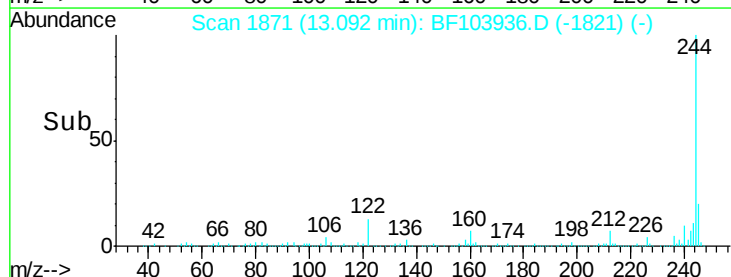
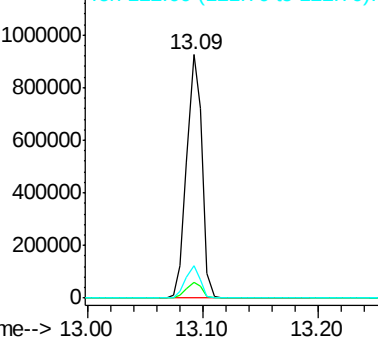
Lab File: BF103936.D

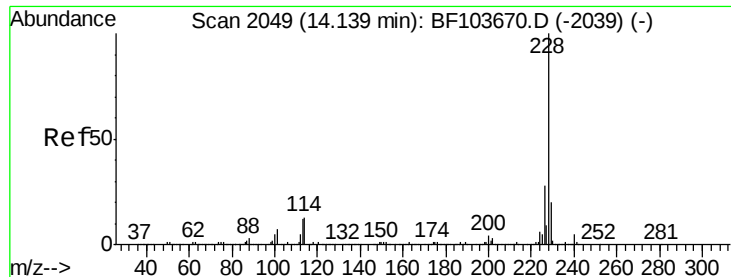
Acq: 26 Mar 2018 20:22

Tgt Ion:	244	Resp:	850392
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.4	8.0
122	13.1	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





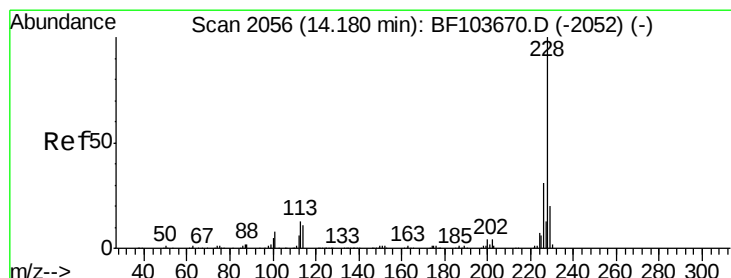
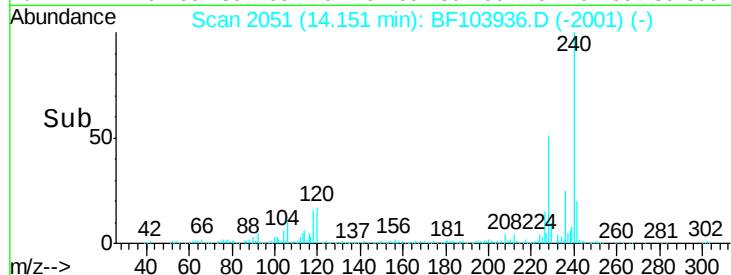
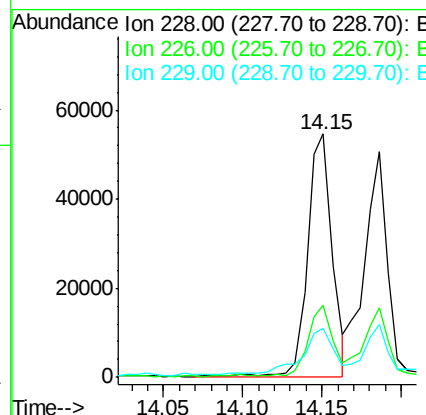
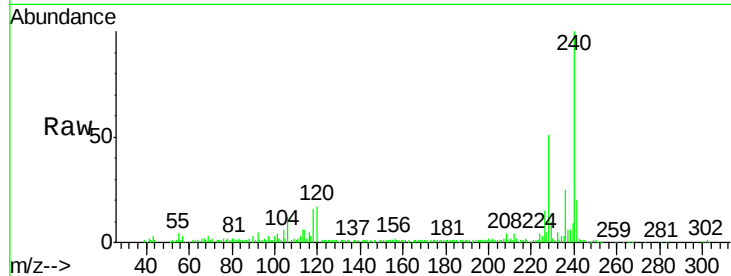
#80
Benzo(a)anthracene
Concen: 3.114 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.6	33.8
229	20.2	15.8	23.6

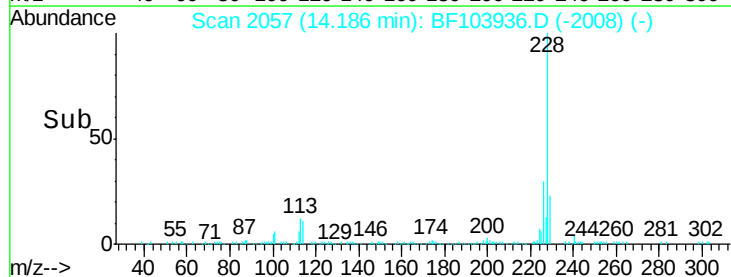
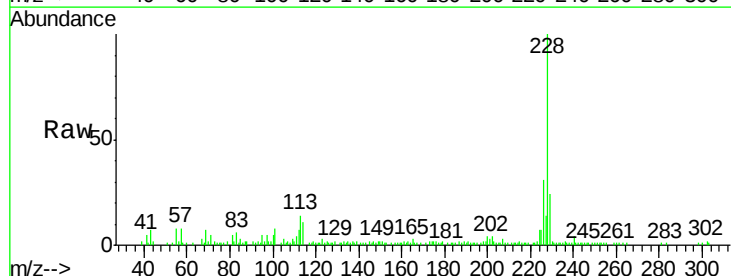
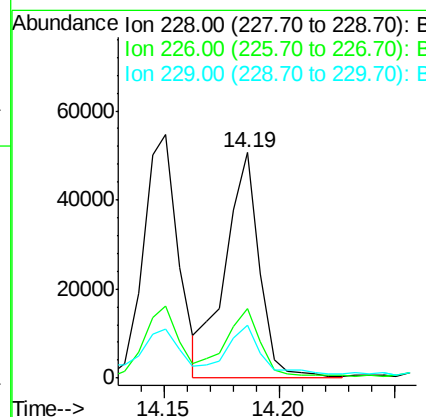
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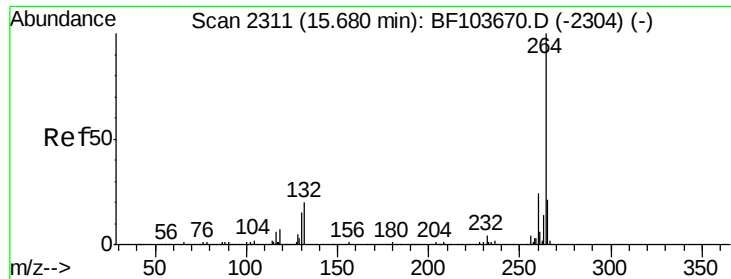
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#82
Chrysene
Concen: 2.918 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	23.6	16.2	24.4





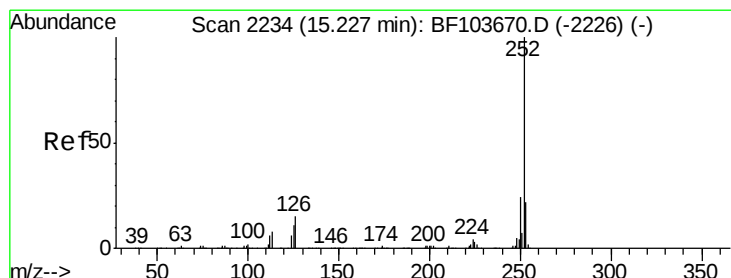
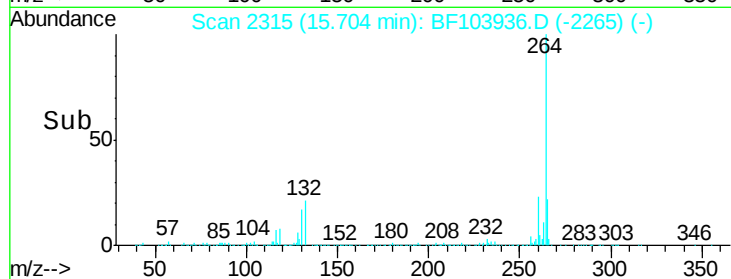
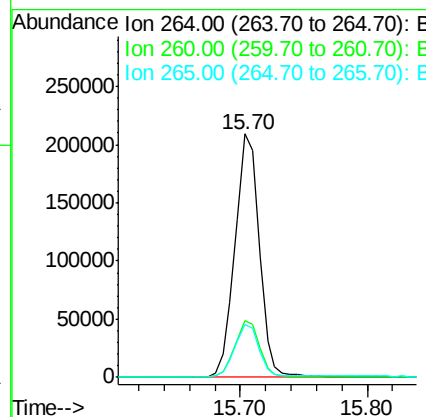
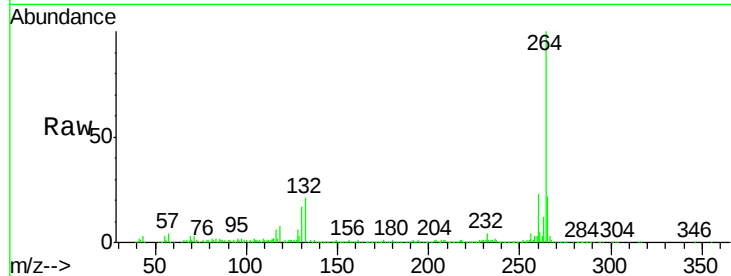
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.70 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Instrument :
BNA_F
ClientSampleId :
PL-02-032318-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	17.5	26.3

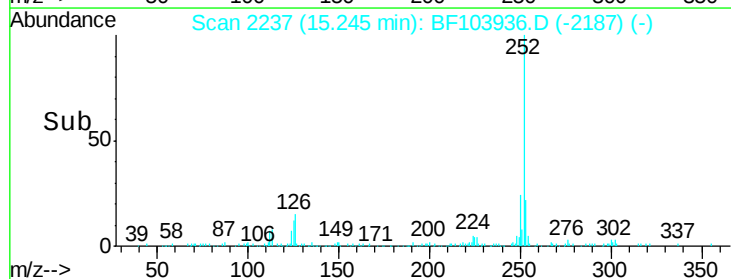
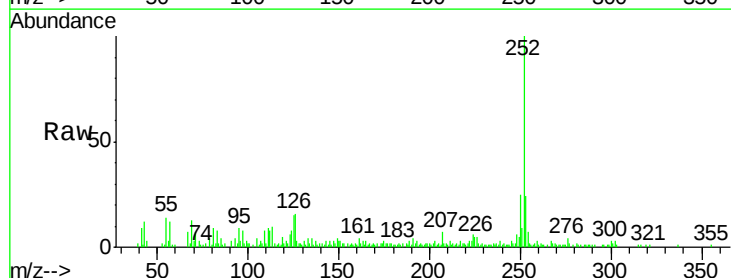
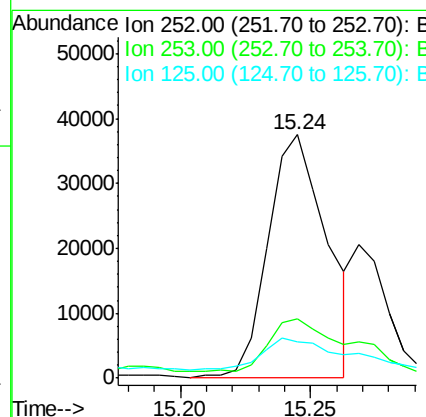
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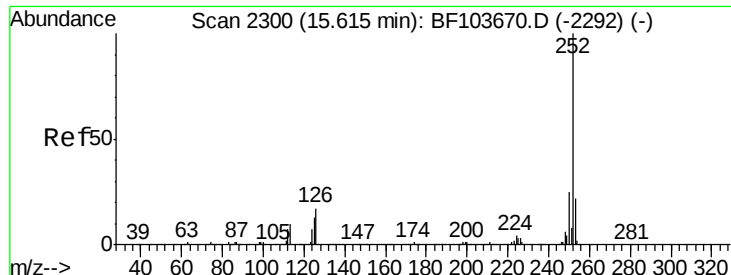
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#87
Benzo(b)fluoranthene
Concen: 3.343 ng m
RT: 15.24 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BF103936.D
Acq: 26 Mar 2018 20:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	15.1	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.695 ng
 RT: 15.63 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BF103936.D
 Acq: 26 Mar 2018 20:22

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-032318-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	17.2	9.8	14.6

Manual Integrations
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