

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103727.D
 Acq On : 17 Mar 2018 7:41
 Operator : JU/SJ
 Sample : J1885-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-4008

Manual Integrations
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Sohil
 3/19/2018 2:03:06 PM

Quant Time: Mar 19 08:10:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161134	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	629169	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	253717	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	357775	20.00	ng	0.00
75) Chrysene-d12	14.16	240	315487	20.00	ng	0.00
86) Perylene-d12	15.69	264	252577	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1029872	97.21	ng	0.02
7) Phenol-d6	6.59	99	1262565	97.41	ng	0.00
23) Nitrobenzene-d5	7.53	82	753067	83.47	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	200897	92.09	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1085611	68.25	ng	0.00
78) Terphenyl-d14	13.09	244	697903	51.35	ng	0.00
Target Compounds						
10) Phenol	6.60	94	34179	2.482	ng	98
49) Dimethylphthalate	9.72	163	100867	5.211	ng	99
74) Fluoranthene	12.72	202	69443	3.444	ng	97
77) Pyrene	12.95	202	67600	2.918	ng	98
80) Benzo(a)anthracene	14.14	228	42527	2.130	ng	96
82) Chrysene	14.18	228	47143	2.476	ng	97
87) Benzo(b)fluoranthene	15.23	252	54739m	3.430	ng	
89) Benzo(a)pyrene	15.62	252	32891	2.273	ng	# 92

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

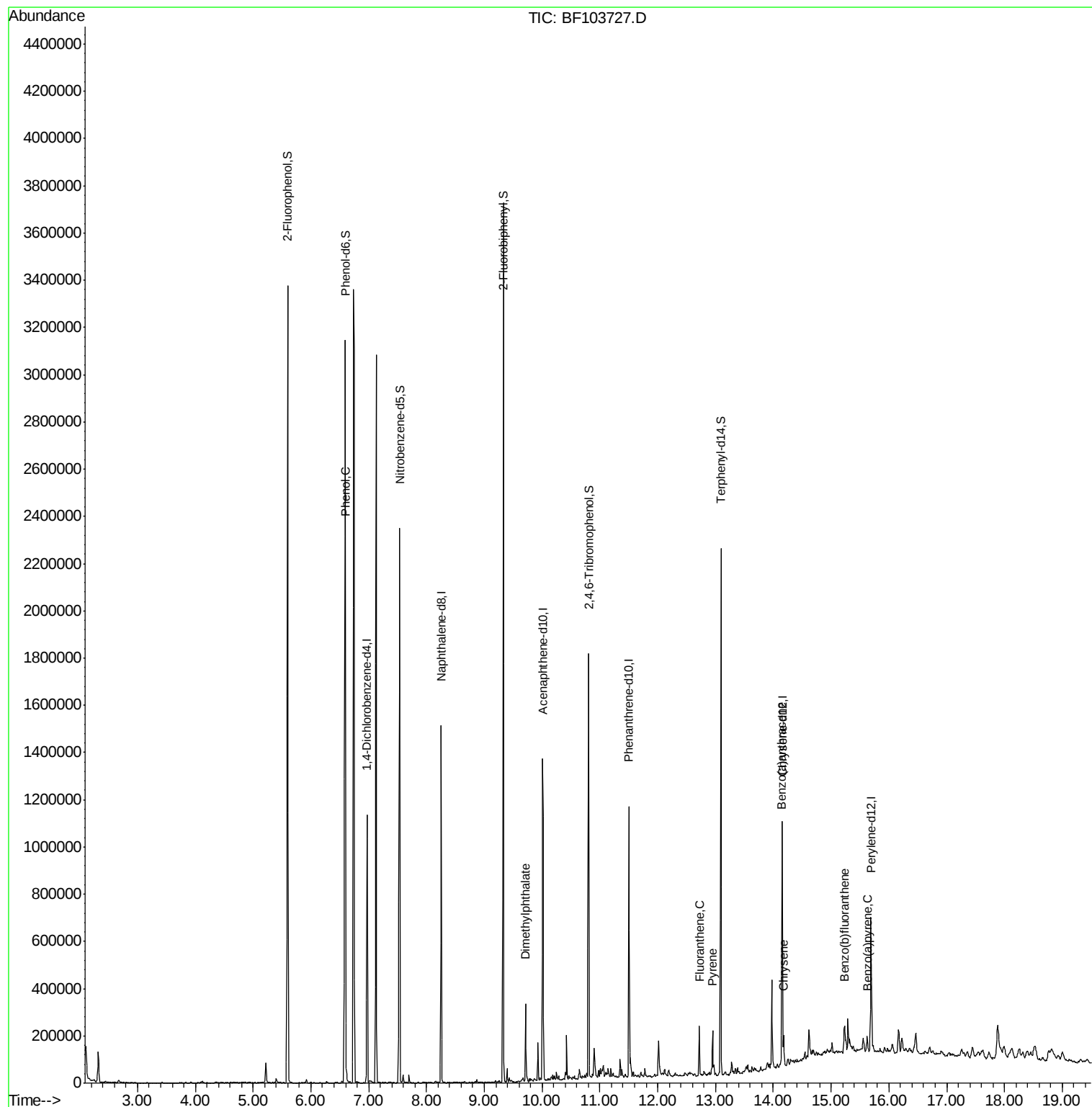
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103727.D
Acq On : 17 Mar 2018 7:41
Operator : JU/SJ
Sample : J1885-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

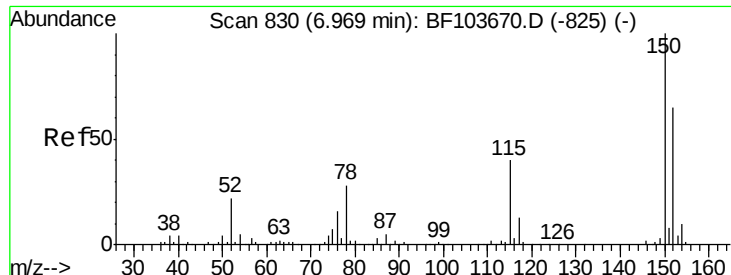
Instrument :
BNA_F
ClientSampleId :
RT-4008

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Quant Time: Mar 19 08:10:40 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration





#1

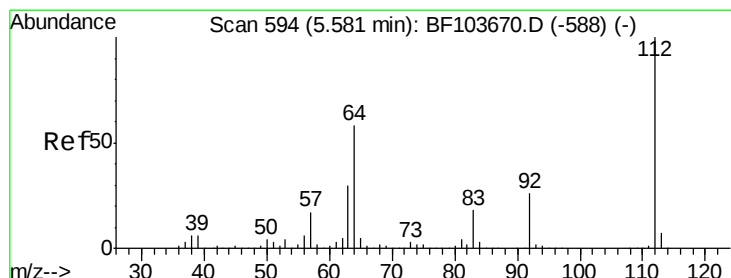
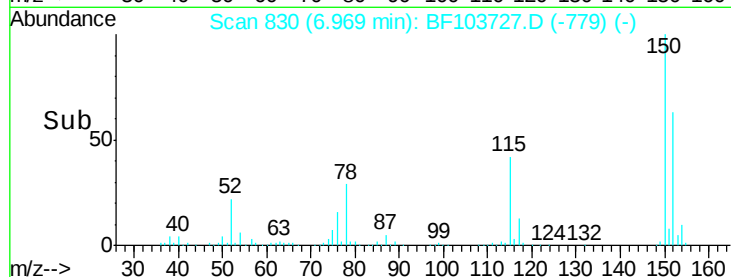
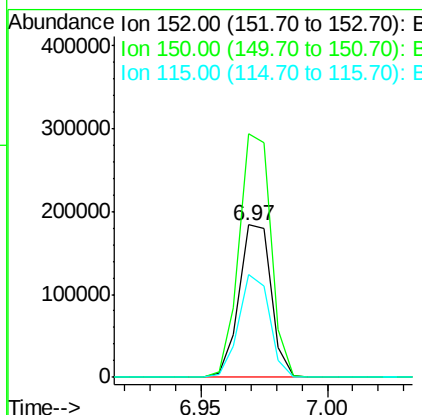
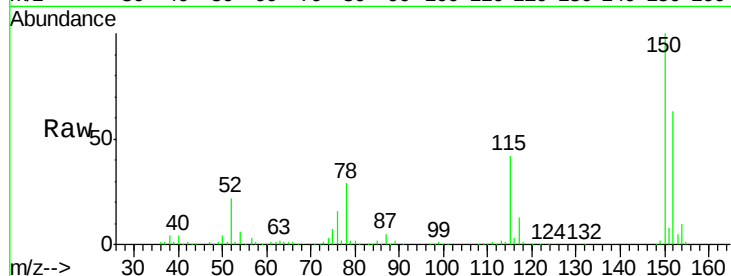
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :
RT-4008

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.6	186.8
115	67.6	50.1	75.1

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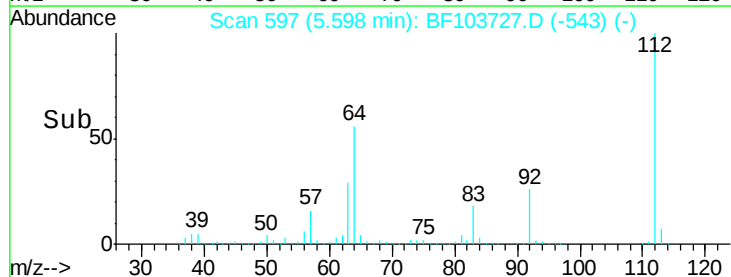
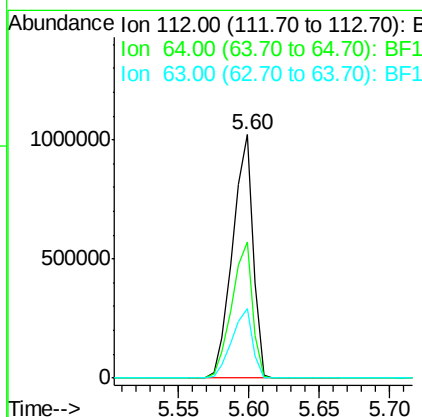
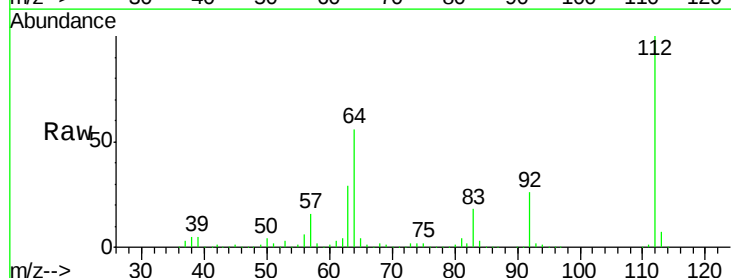
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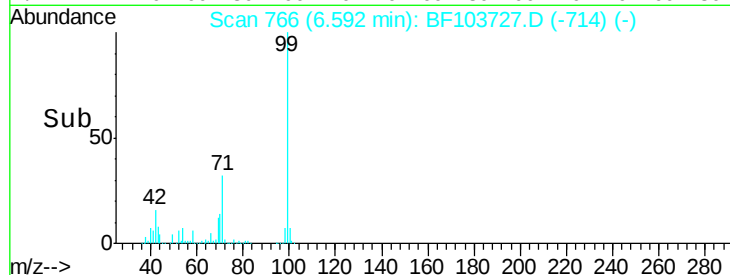
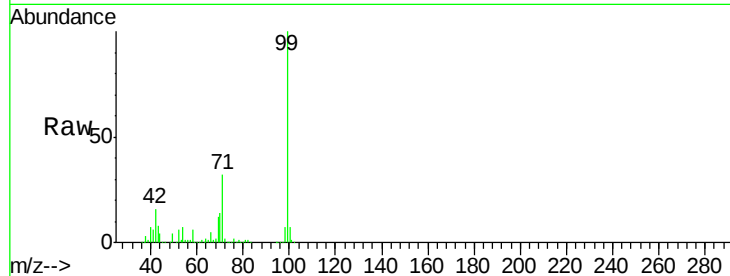


#5

2-Fluorophenol
Concen: 97.213 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.02 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	28.6	23.7	35.5





#7

Phenol-d6

Concen: 97.413 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF103727.D

Acq: 17 Mar 2018 7:41

Tot Ion: 99 Resp: 1262565

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 31.9 25.4 38.0

Instrument :

BNA_F

ClientSampleId :

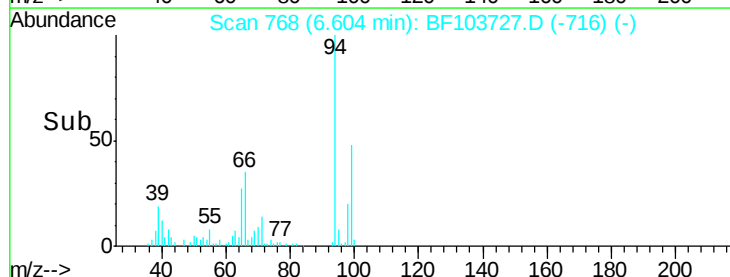
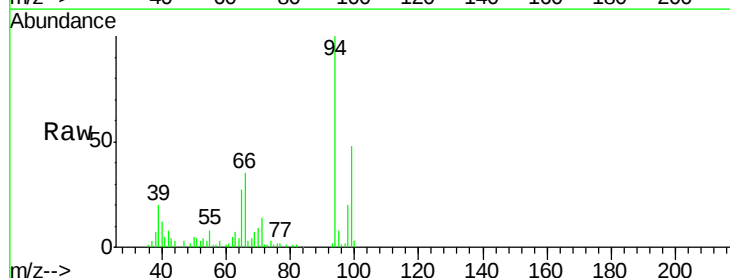
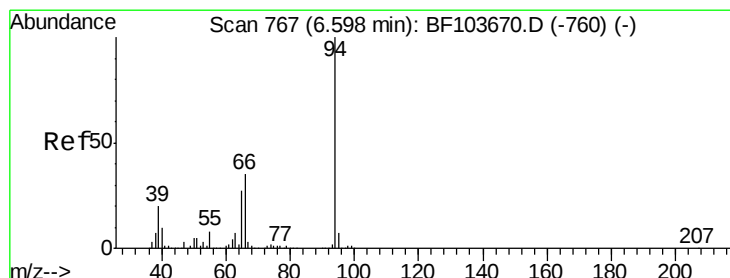
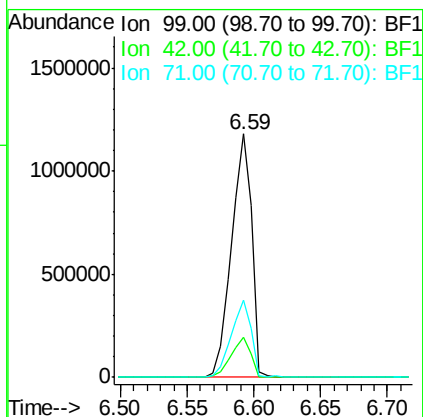
RT-4008

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#10

Phenol

Concen: 2.482 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103727.D

Acq: 17 Mar 2018 7:41

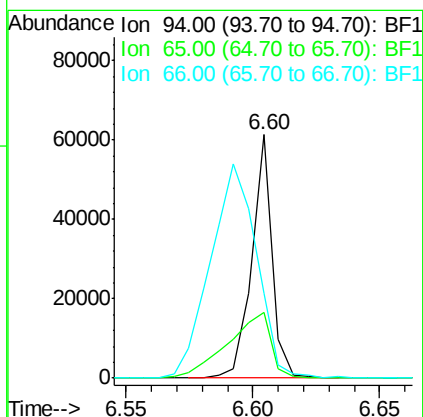
Tgt Ion: 94 Resp: 34179

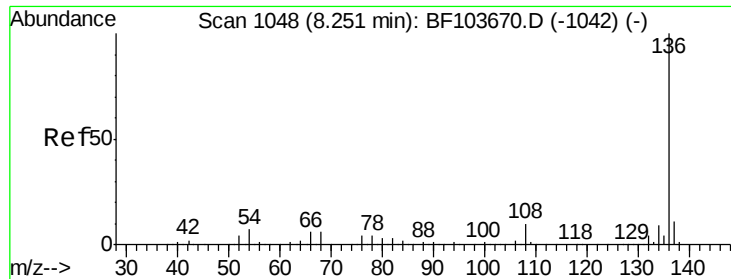
Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

66 34.8 16.2 56.2





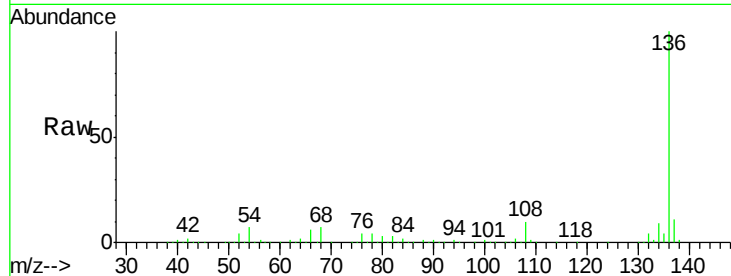
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleID :
RT-4008

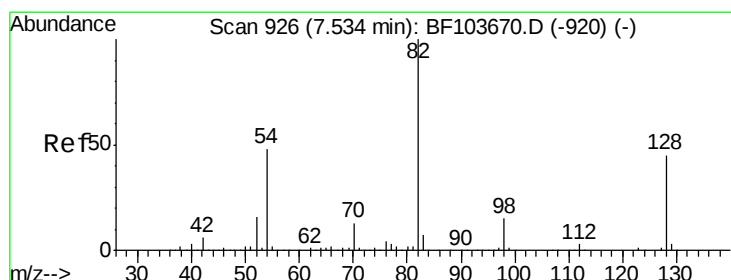
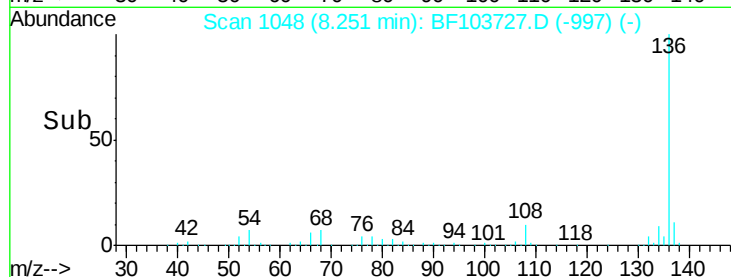
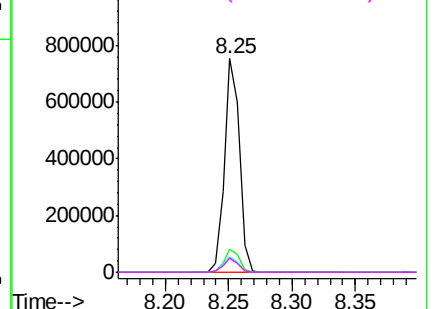
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	7.5	6.6	9.8	
68	6.8	5.0	7.4	

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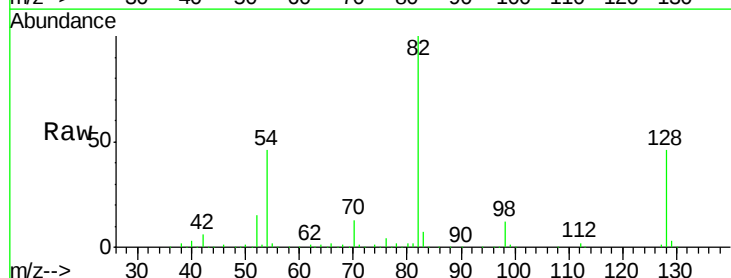


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

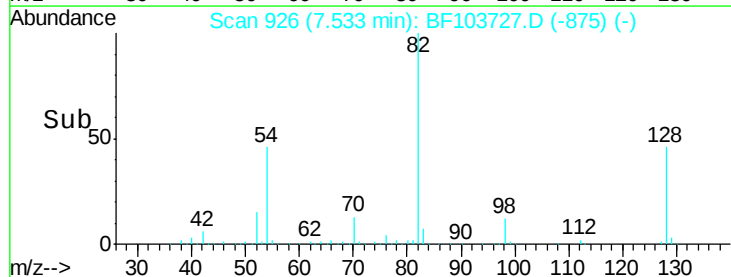
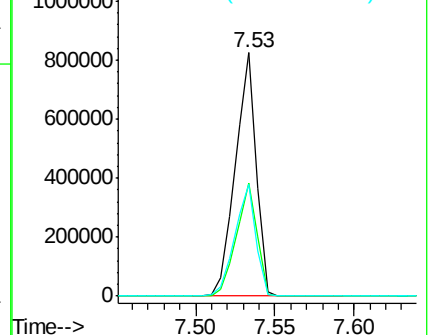


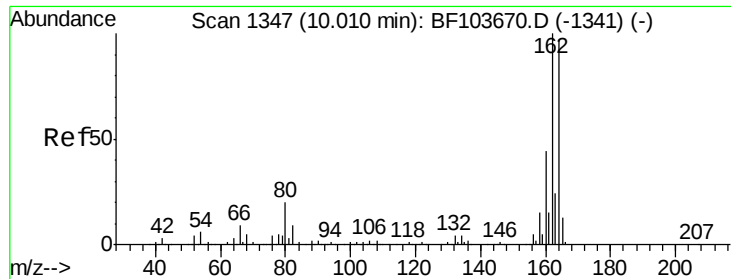
#23
Nitrobenzene-d5
Concen: 83.469 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	36.1	54.1	
54	46.0	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





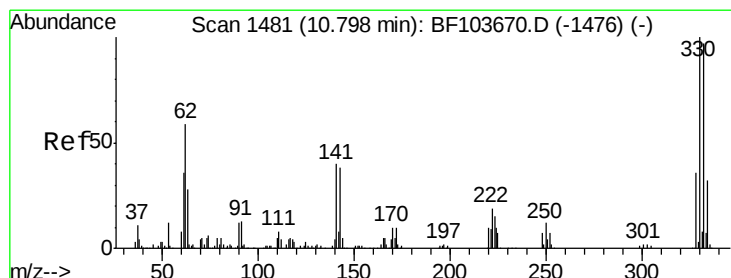
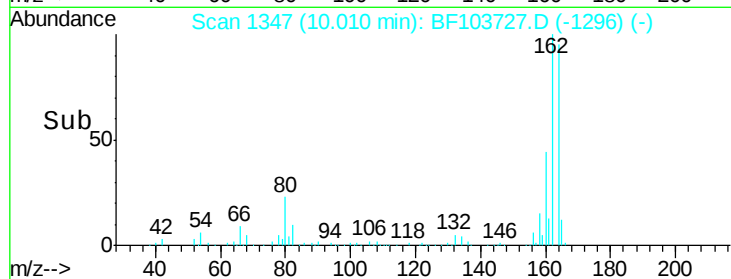
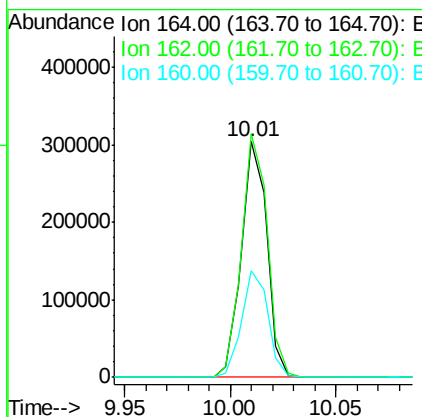
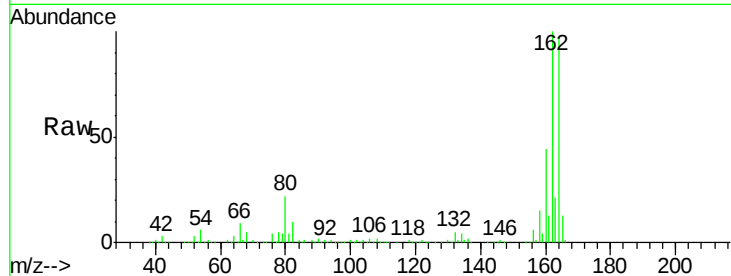
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :
RT-4008

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	86.1	129.1	
160	45.1	38.3	57.5	

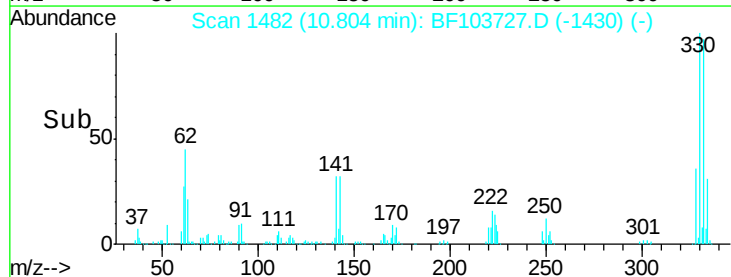
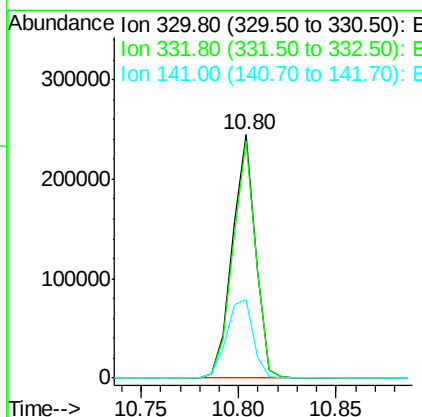
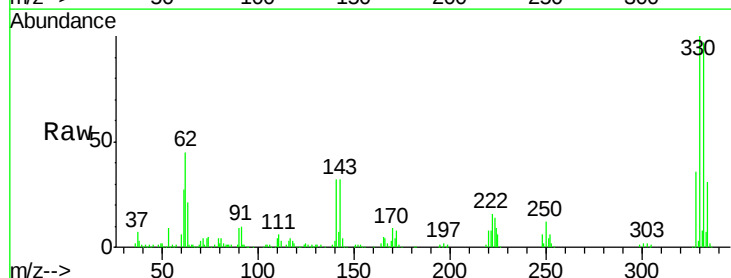
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#41
2,4,6-Tribromophenol
Concen: 92.092 ng
RT: 10.80 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	37.1	29.9	44.9	





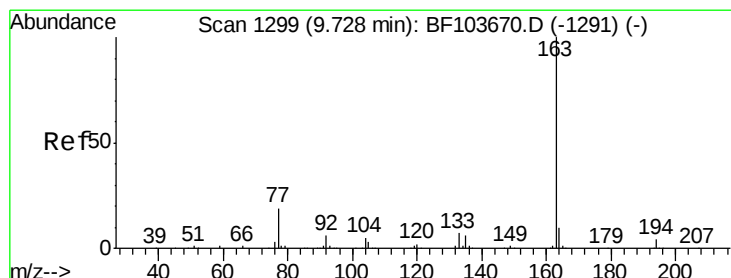
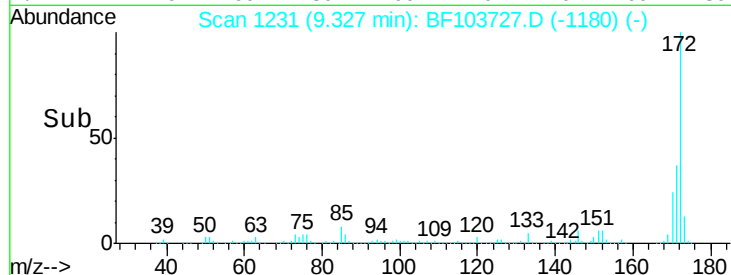
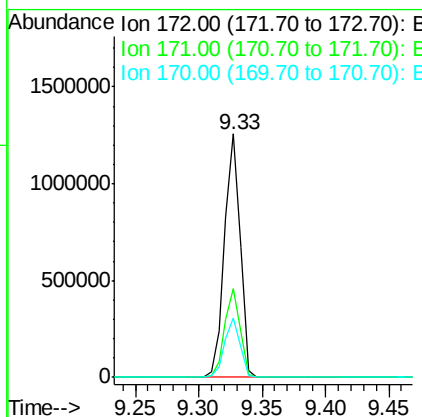
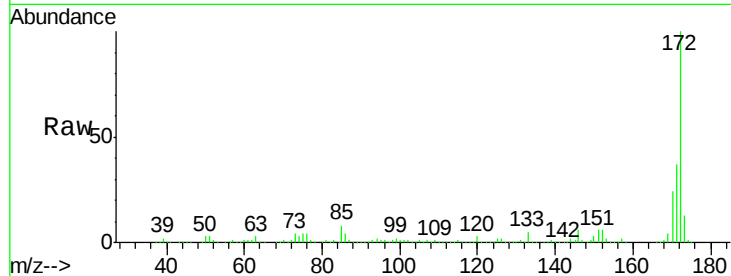
#44
2-Fluorobiphenyl
Concen: 68.254 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :
RT-4008

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	29.7	44.5	
170	24.4	19.6	29.4	

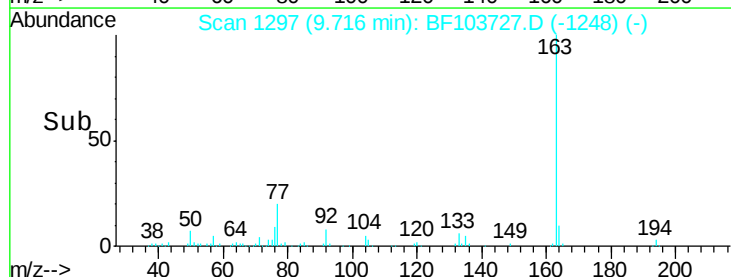
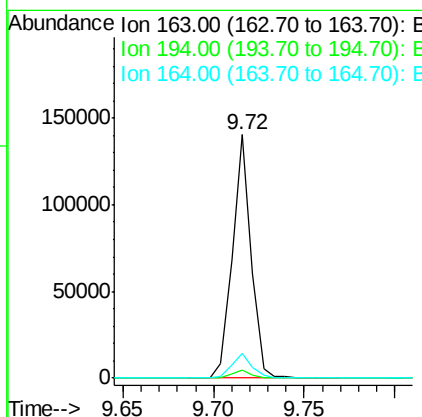
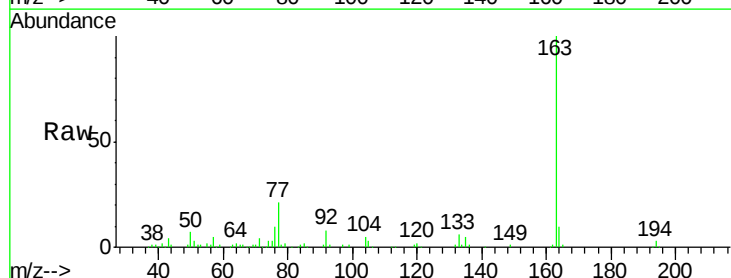
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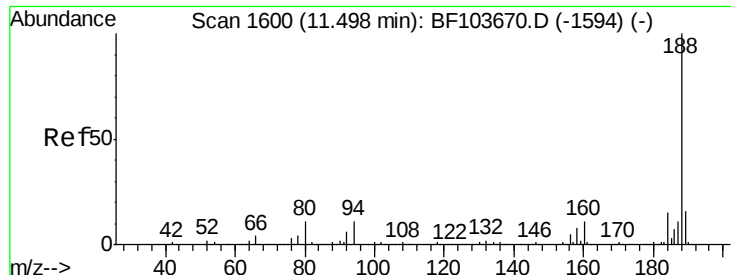
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#49
Dimethylphthalate
Concen: 5.211 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.2	2.7	4.1	
164	10.0	8.2	12.2	





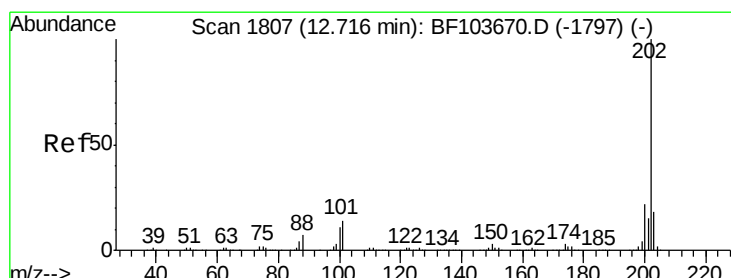
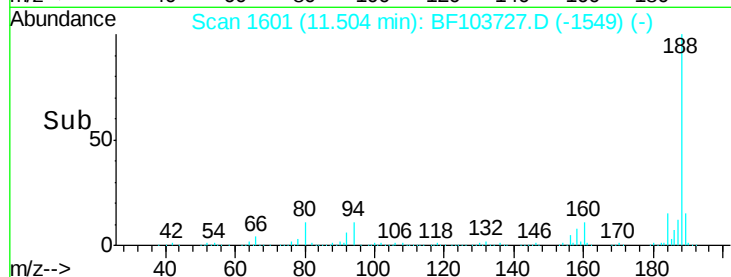
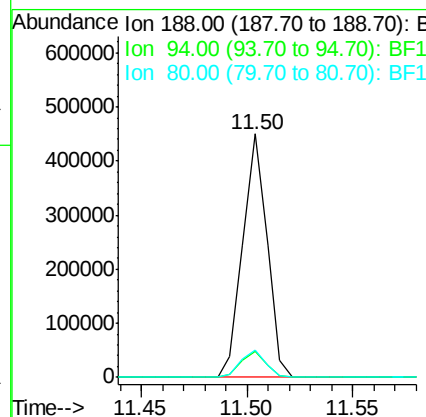
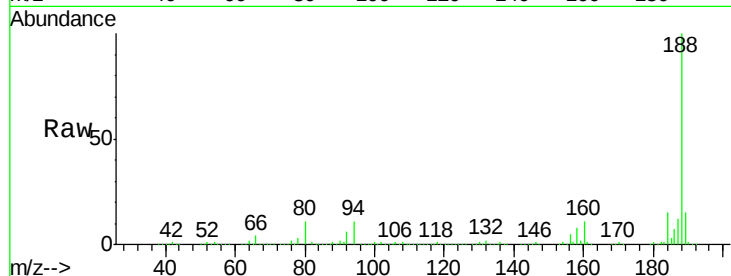
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :
RT-4008

Tot Ion	Ratio	Resp	Lower	Upper
188	100	357775		
94	10.9		8.5	12.7
80	11.4		9.2	13.8

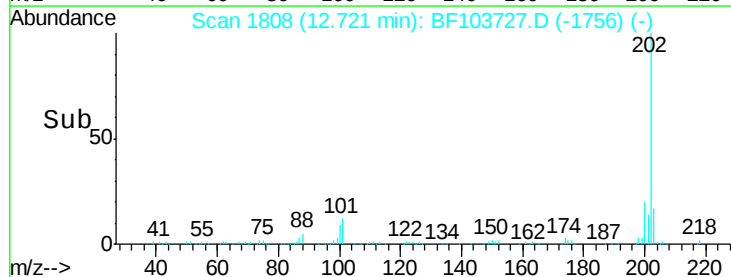
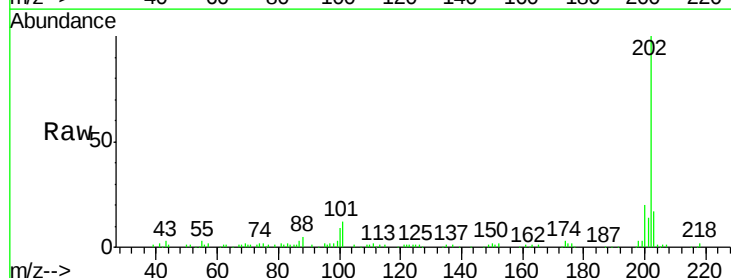
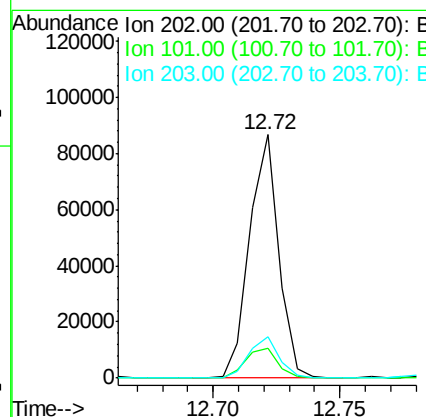
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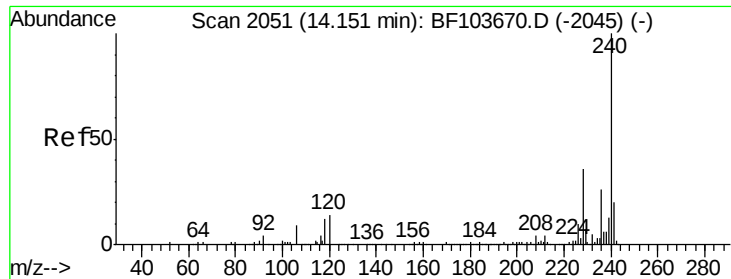
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#74
Fluoranthene
Concen: 3.444 ng
RT: 12.72 min Scan# 1808
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69443		
101	12.3		0.0	34.1
203	16.8		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103727.D

Acq: 17 Mar 2018 7:41

Instrument :

BNA_F

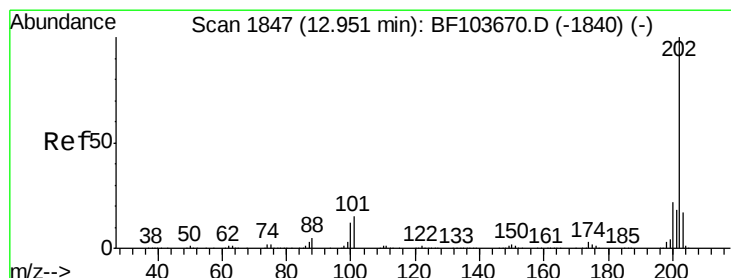
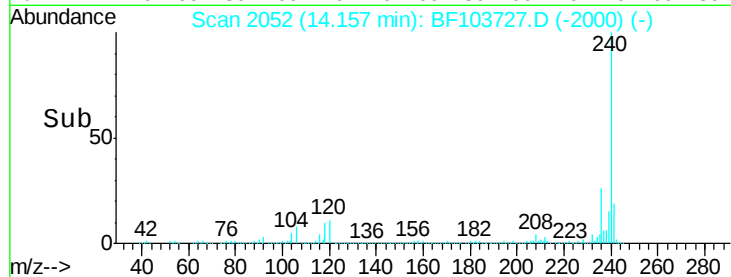
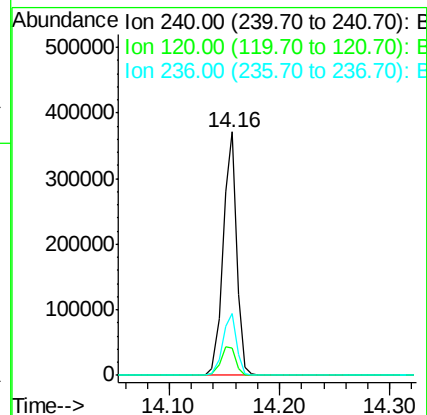
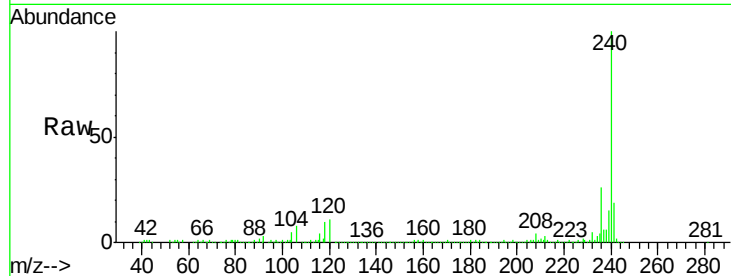
ClientSampleID :

RT-4008

Tot Ion:	240	Resp:	315487
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	25.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 2.918 ng

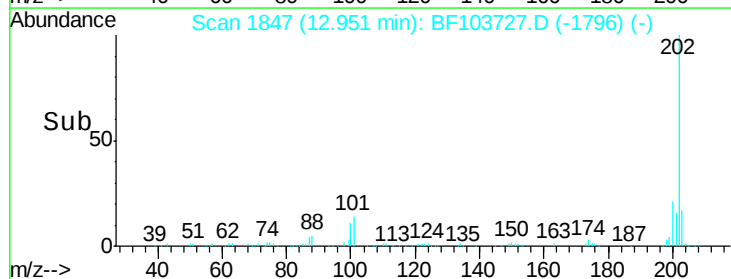
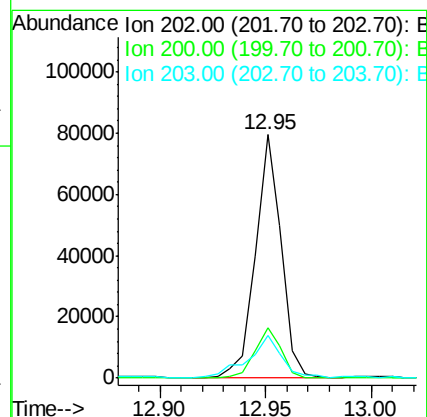
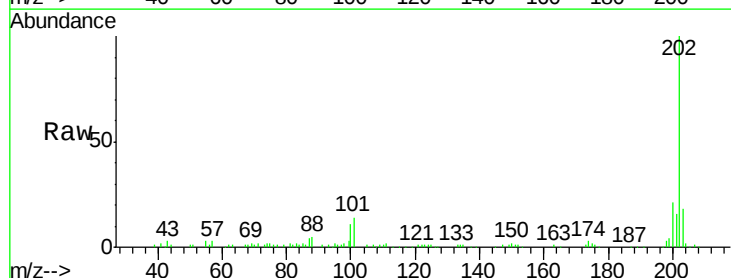
RT: 12.95 min Scan# 1847

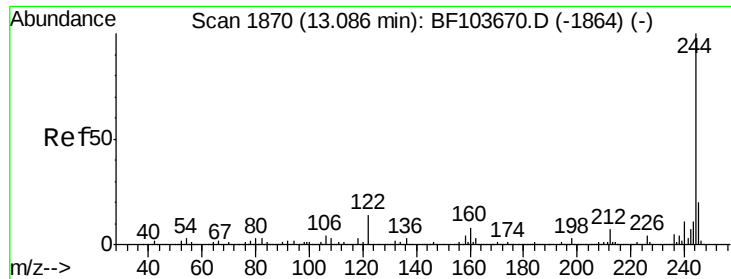
Delta R.T. -0.00 min

Lab File: BF103727.D

Acq: 17 Mar 2018 7:41

Tgt Ion:	202	Resp:	67600
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.4	26.2
203	17.5	14.3	21.5





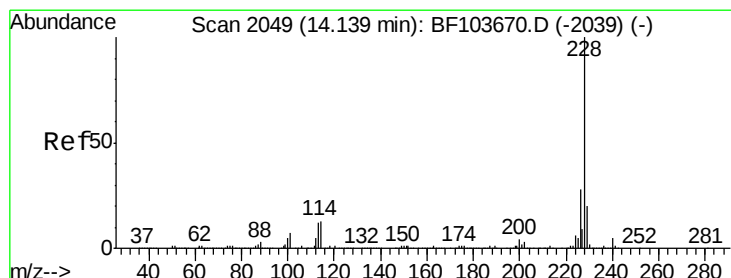
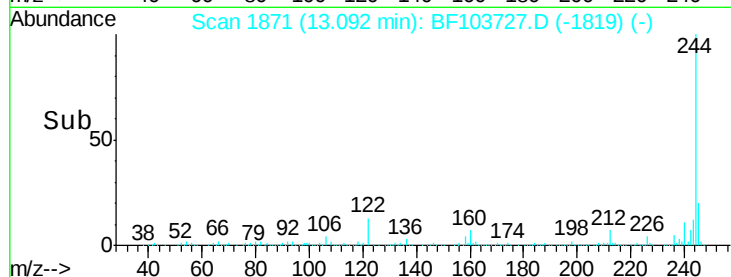
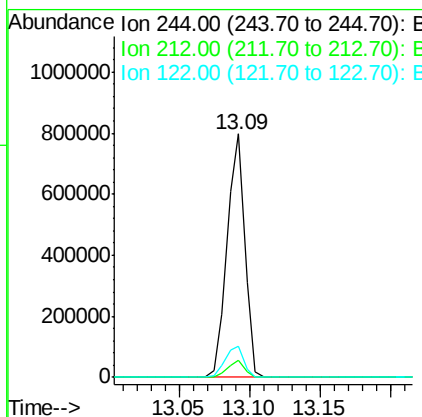
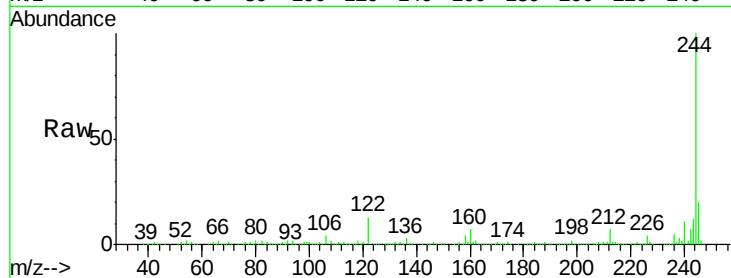
#78
 Terphenyl-d14
 Concen: 51.347 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103727.D
 Acq: 17 Mar 2018 7:41

Instrument :
 BNA_F
 ClientSampled :
 RT-4008

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	13.0	11.0	16.4

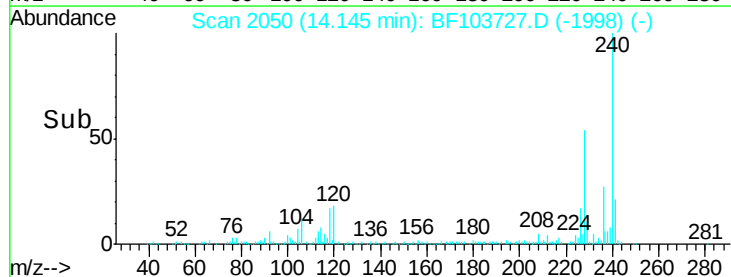
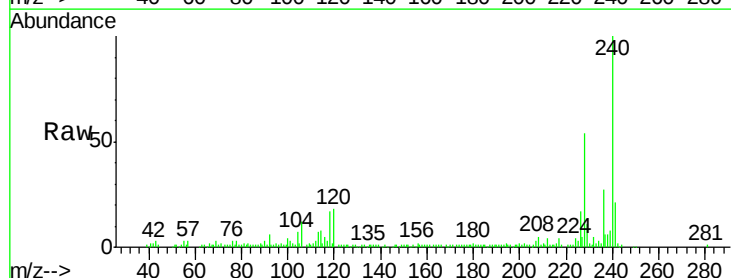
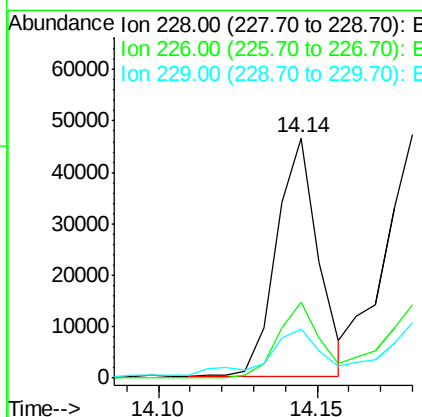
Manual Integrations
 APPROVED

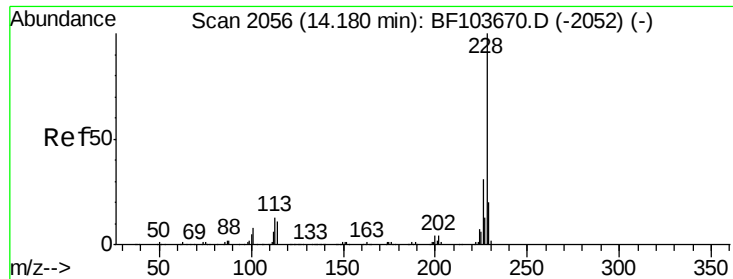
Sohil
 3/19/2018 2:03:06 PM



#80
 Benzo(a)anthracene
 Concen: 2.130 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: BF103727.D
 Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	22.6	33.8
229	20.2	15.8	23.6





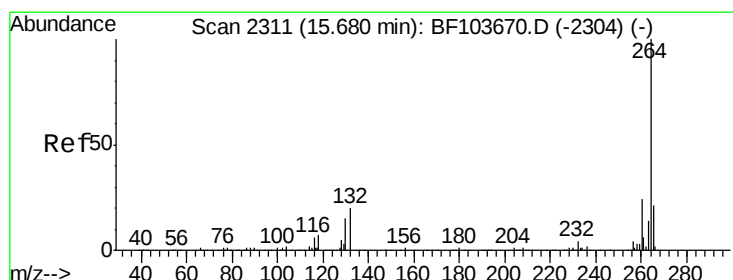
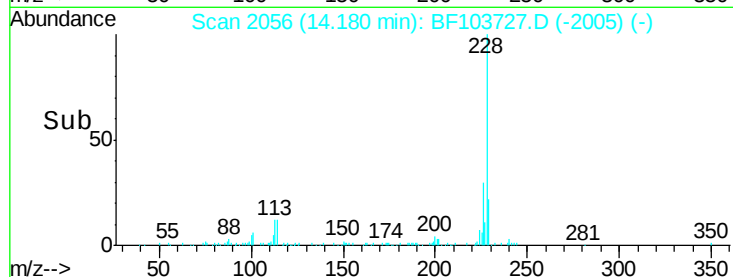
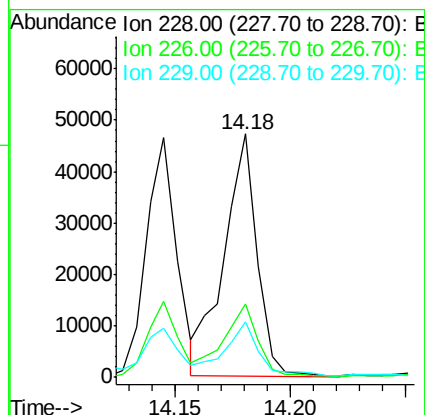
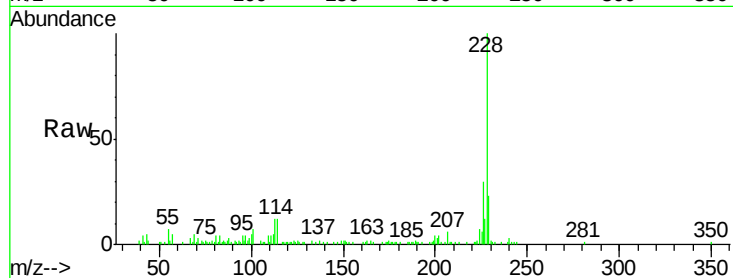
#82
Chrysene
Concen: 2.476 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.00 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampleId :
RT-4008

Tot Ion:	228	Resp:	47143
Ion Ratio	Lower	Upper	
228	100		
226	30.2	25.0	37.6
229	22.7	16.2	24.4

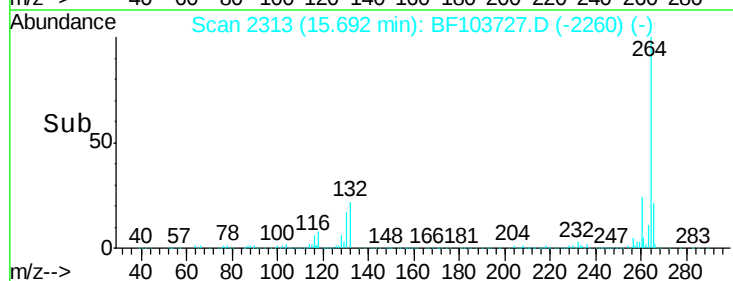
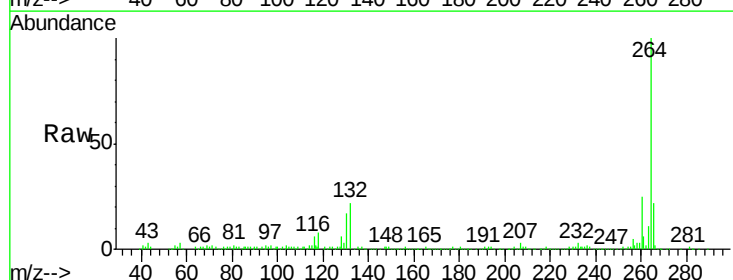
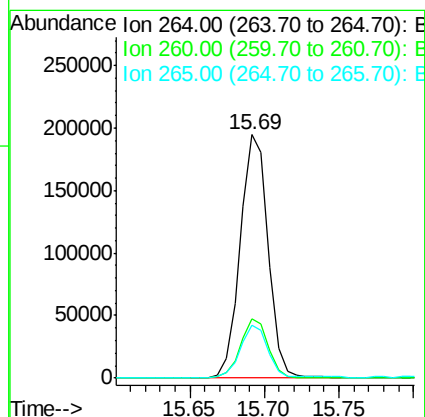
Manual Integrations
APPROVED

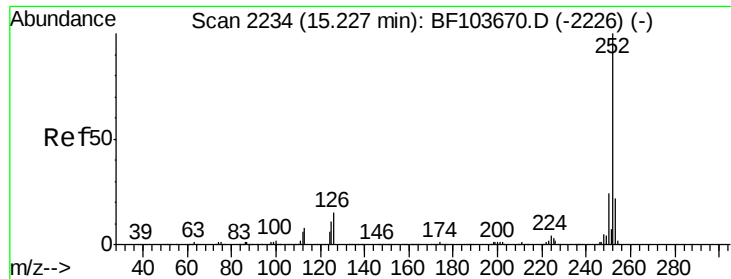
Sohil
3/19/2018 2:03:06 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion:	264	Resp:	252577
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.5	17.5	26.3





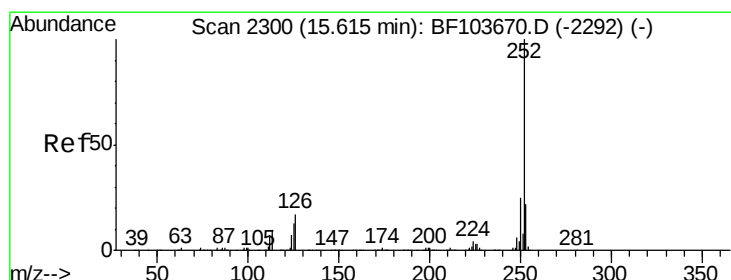
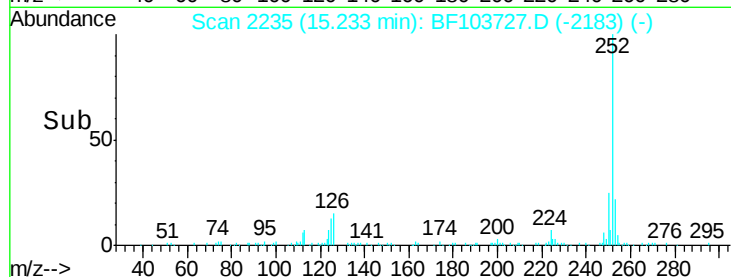
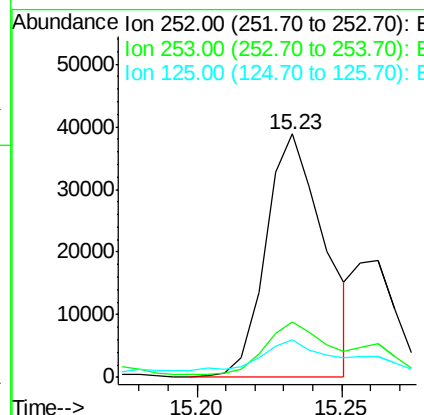
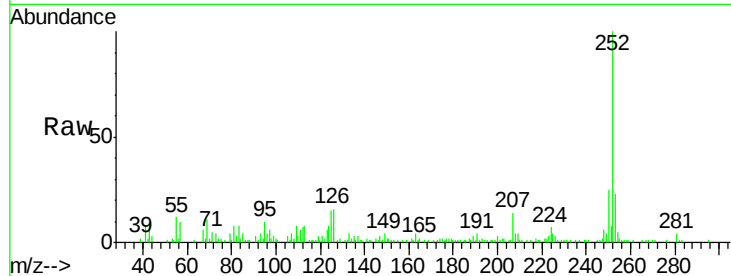
#87
Benzo(b)fluoranthene
Concen: 3.430 ng m
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Instrument :
BNA_F
ClientSampled :
RT-4008

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	15.3	9.0	13.6

Manual Integrations
APPROVED

Sohil
3/19/2018 2:03:06 PM



#89
Benzo(a)pyrene
Concen: 2.273 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BF103727.D
Acq: 17 Mar 2018 7:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	17.5	9.8	14.6

