

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107451.D
 Acq On : 17 Jul 2018 16:04
 Operator : JU/SJ
 Sample : J3832-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071618

Manual Integrations
 APPROVED

Sohil
 7/18/2018 10:44:06 AM

Quant Time: Jul 17 18:59:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	138716	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	566787	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	282438	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	524980	20.00	ng	0.00
75) Chrysene-d12	14.18	240	413274	20.00	ng	0.00
86) Perylene-d12	15.72	264	290659	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	324062	35.48	ng	0.00
7) Phenol-d6	6.61	99	420291	35.59	ng	0.00
23) Nitrobenzene-d5	7.54	82	282974	26.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	88281	35.57	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	496822	21.19	ng	0.00
78) Terphenyl-d14	13.11	244	450426	27.08	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.74	163	110553	4.926	ng	Qvalue # 96
70) Phenanthrene	11.55	178	93244	3.564	ng	97
74) Fluoranthene	12.74	202	132774	4.465	ng	95
77) Pyrene	12.98	202	152019	5.409	ng	98
80) Benzo(a)anthracene	14.17	228	77102m	3.049	ng	
82) Chrysene	14.20	228	80660	3.339	ng	97
87) Benzo(b)fluoranthene	15.25	252	76451m	4.494	ng	
89) Benzo(a)pyrene	15.65	252	46556	2.981	ng	# 68

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

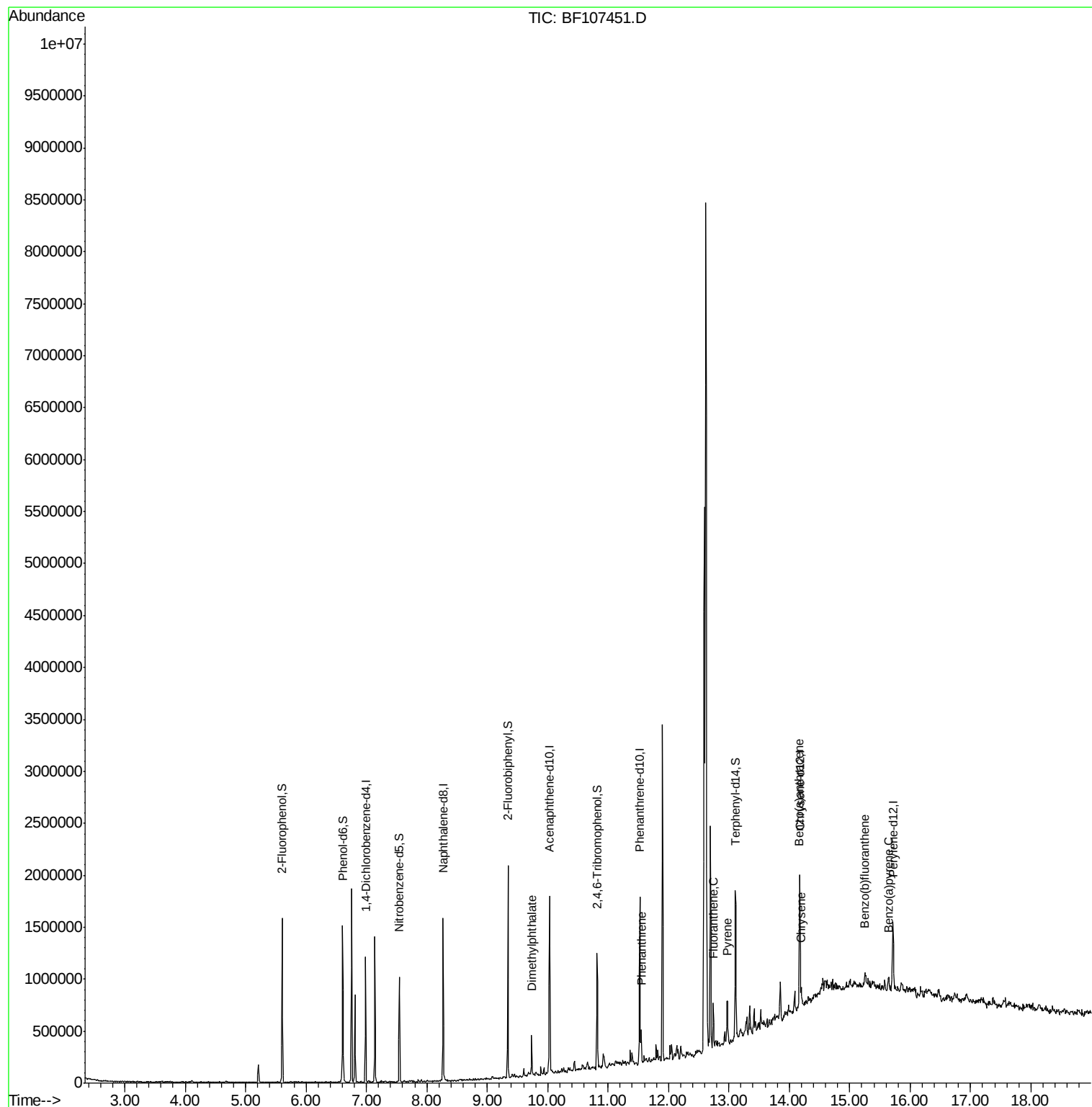
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
Data File : BF107451.D
Acq On : 17 Jul 2018 16:04
Operator : JU/SJ
Sample : J3832-03 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

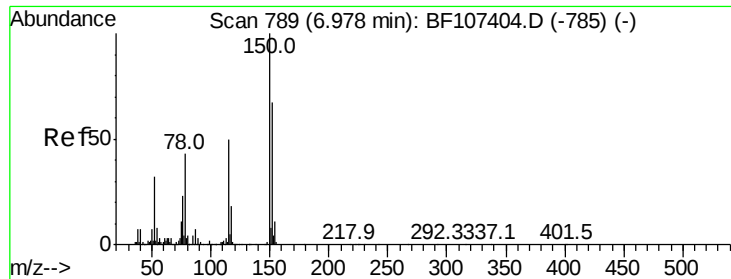
Instrument :
BNA_F
ClientSampleId :
TR-04-071618

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7/18/2018 10:44:06 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

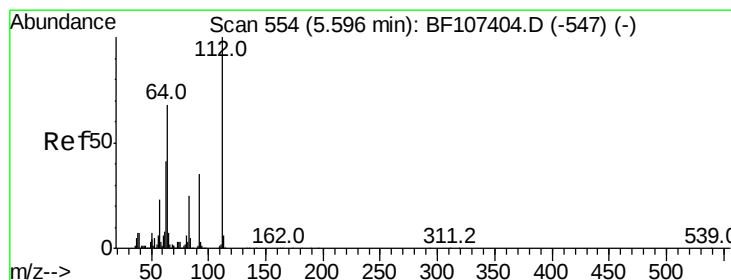
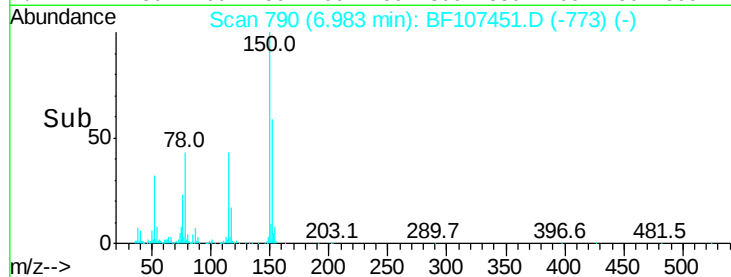
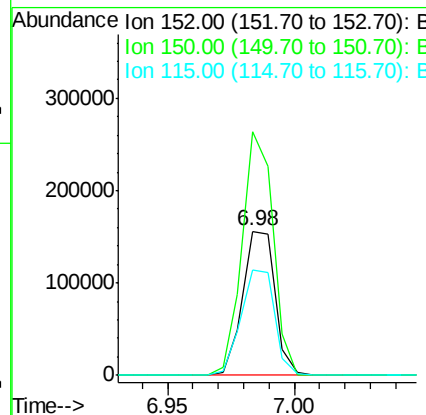
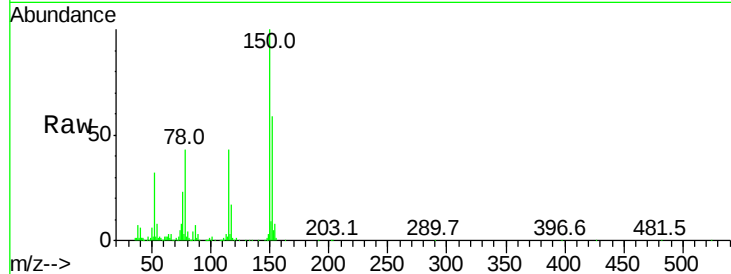
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
TR-04-071618

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.9	124.6	186.8
115	73.3	50.1	75.1

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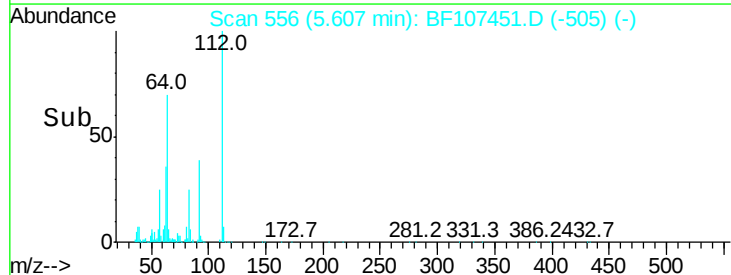
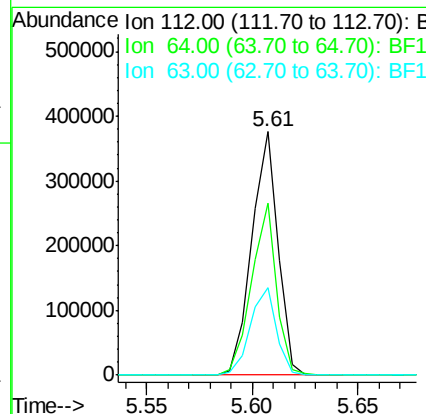
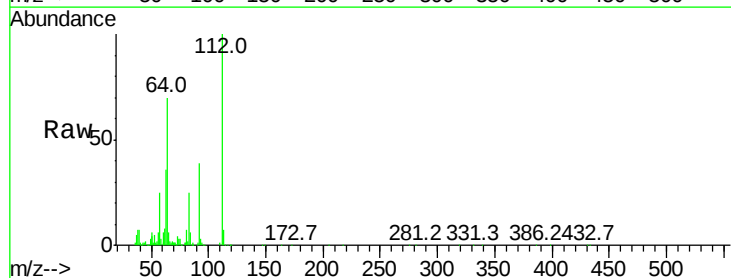
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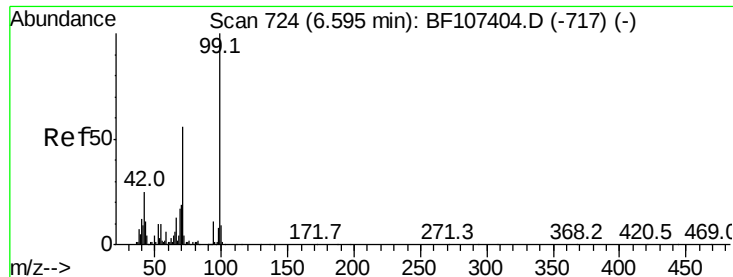


#5

2-Fluorophenol
Concen: 35.480 ng
RT: 5.61 min Scan# 556
Delta R.T. -0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.4	47.9	71.9
63	35.7	23.7	35.5





#7

Phenol-d6

Concen: 35.592 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Instrument :

BNA_F

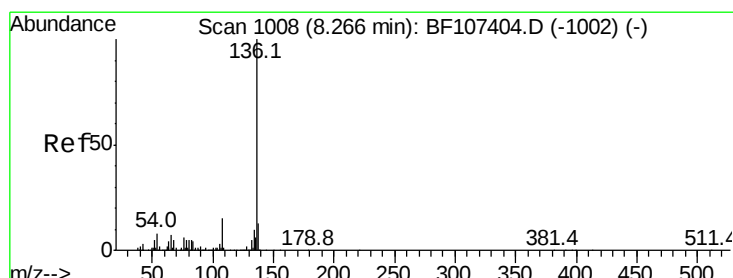
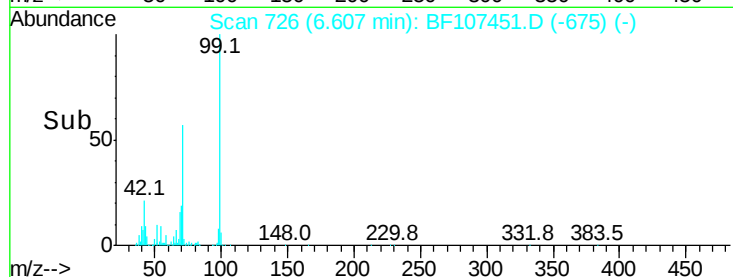
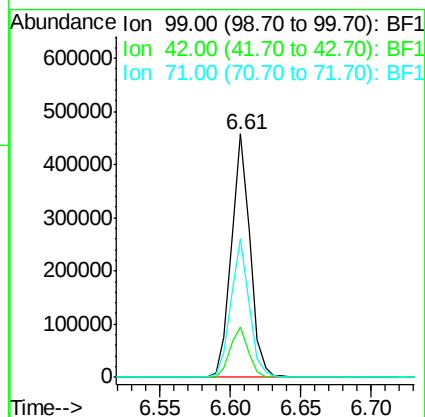
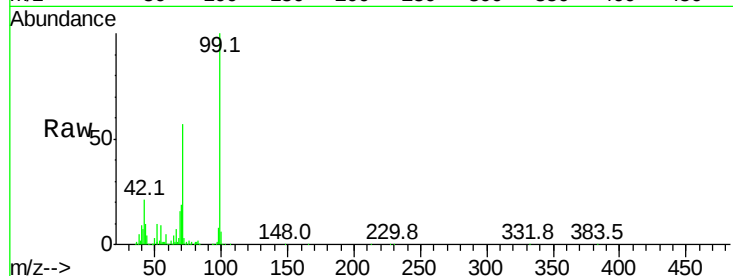
ClientSampleId :

TR-04-071618

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		420291		
42	20.5	14.5	21.7		
71	56.8	25.4	38.0		

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#21

Naphthalene-d8

Concen: 20.000 ng

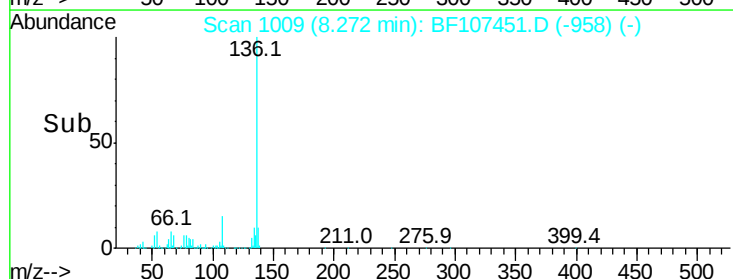
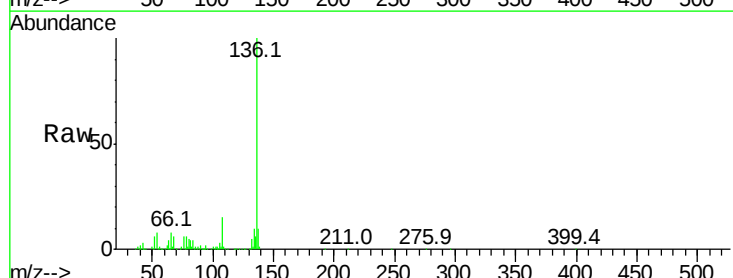
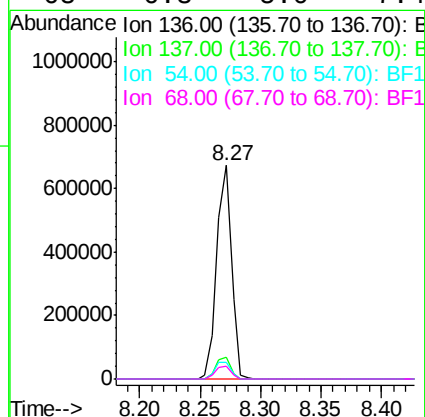
RT: 8.27 min Scan# 1009

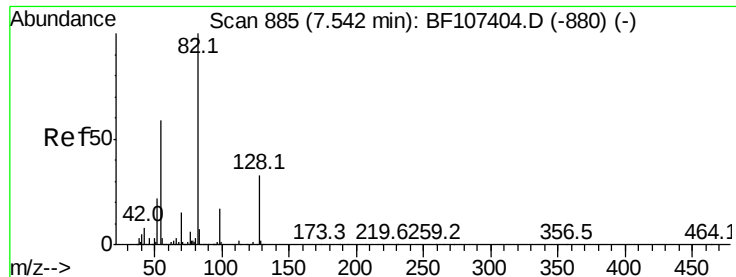
Delta R.T. -0.00 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		566787		
137	9.9	8.9	13.3		
54	7.9	6.6	9.8		
68	6.3	5.0	7.4		





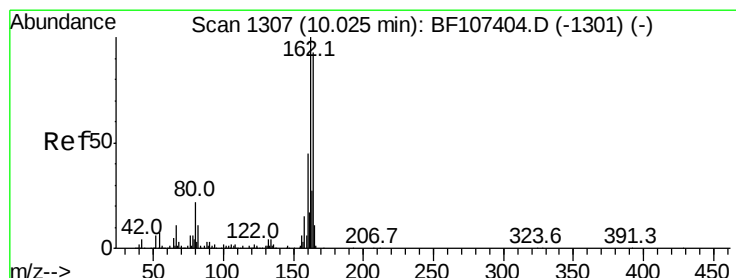
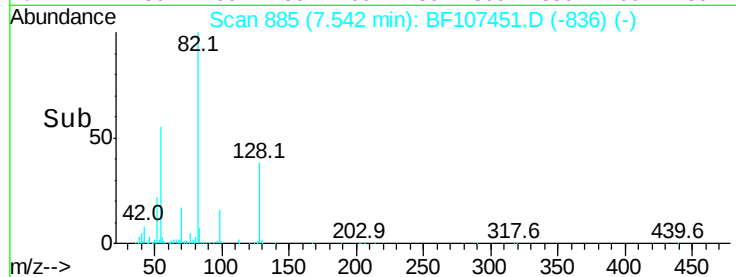
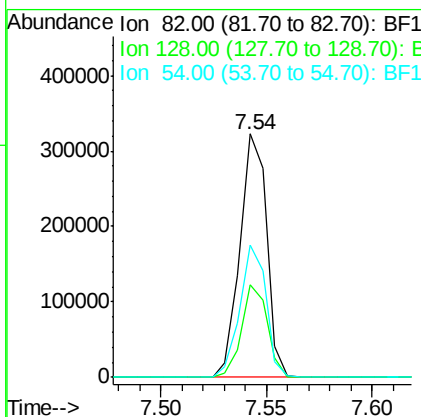
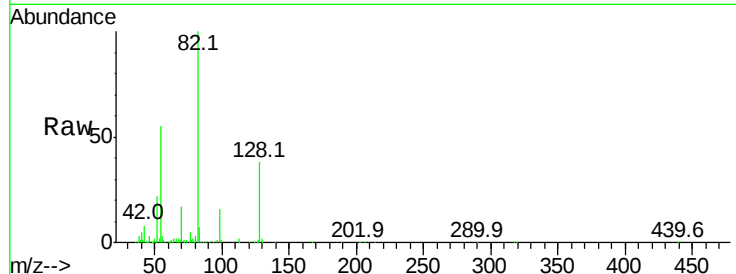
#23
 Nitrobenzene-d5
 Concen: 26.623 ng
 RT: 7.54 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF107451.D
 Acq: 17 Jul 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071618

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	36.1	54.1
54	54.5	41.4	62.2

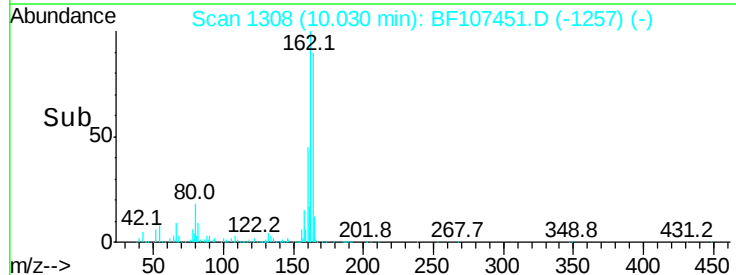
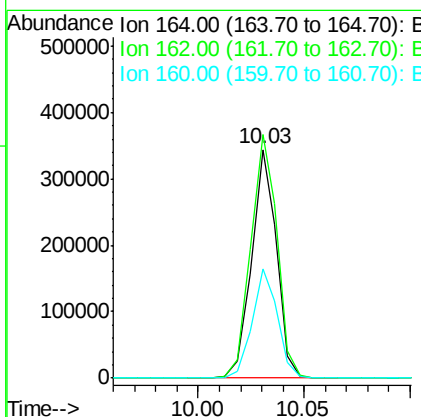
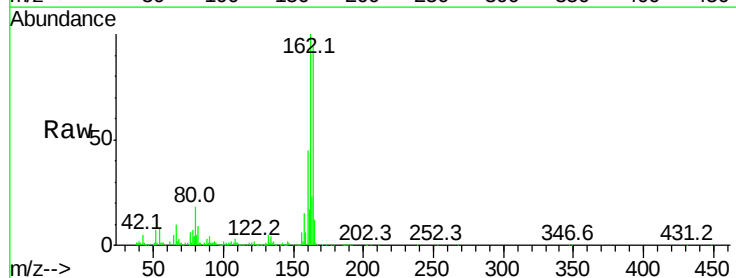
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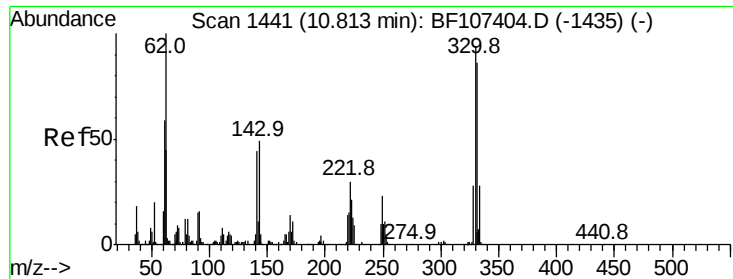
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF107451.D
 Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	48.0	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 35.575 ng

RT: 10.82 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Instrument :

BNA_F

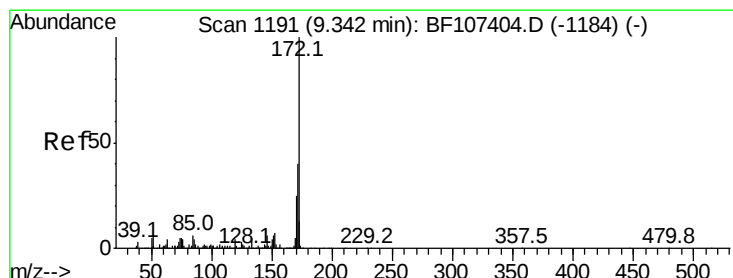
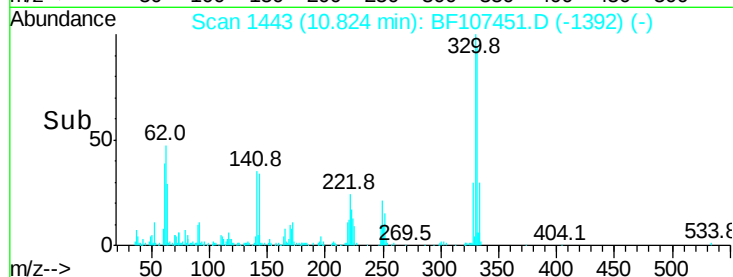
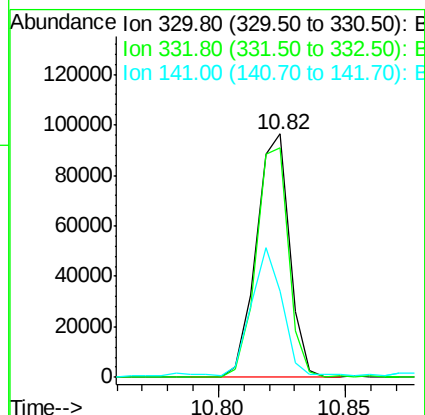
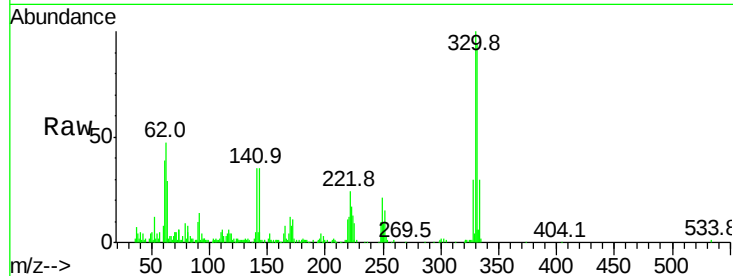
ClientSampleId :

TR-04-071618

Tot Ion:	330	Resp:	88281
Ion Ratio	Lower	Upper	
330	100		
332	93.1	77.0	115.6
141	48.2	29.9	44.9#

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#44

2-Fluorobiphenyl

Concen: 21.192 ng

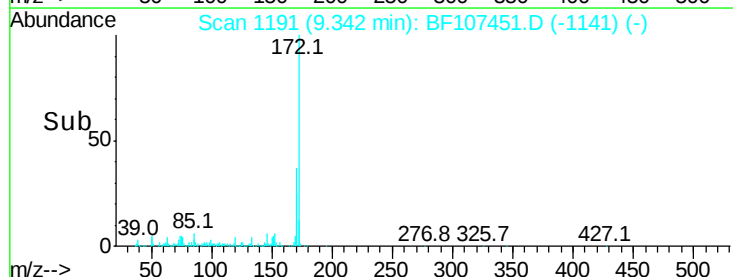
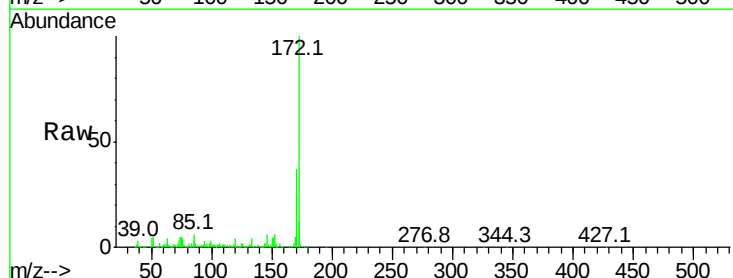
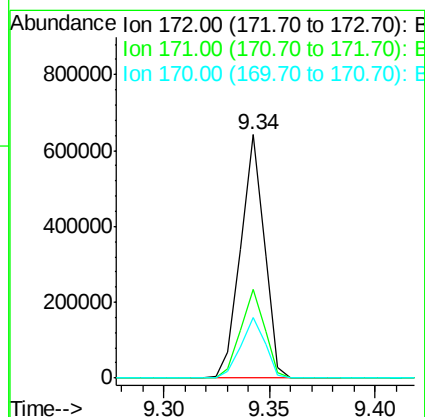
RT: 9.34 min Scan# 1191

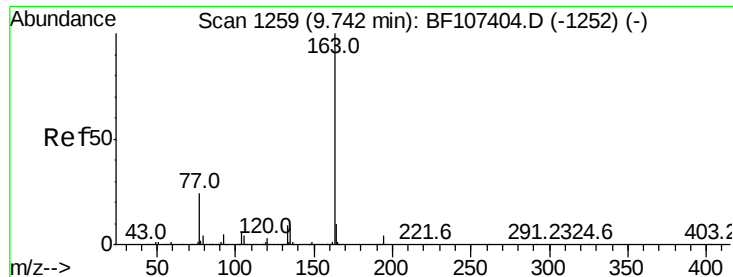
Delta R.T. -0.01 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Tgt Ion:	172	Resp:	496822
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.7	44.5
170	24.9	19.6	29.4





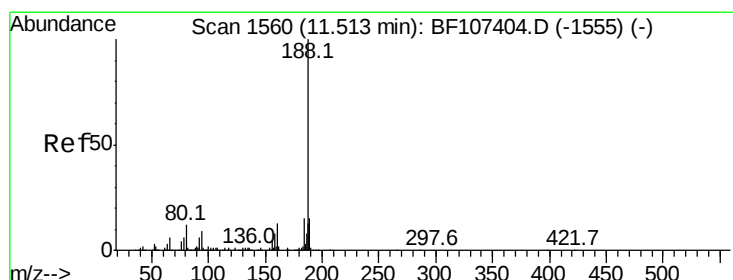
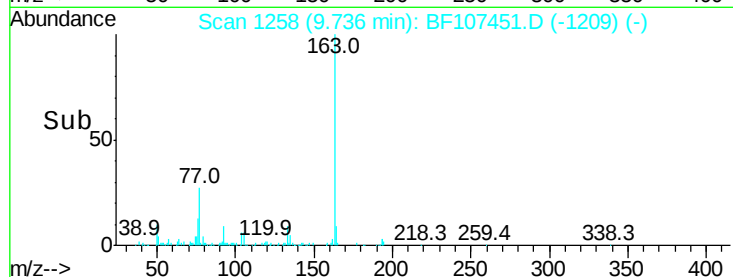
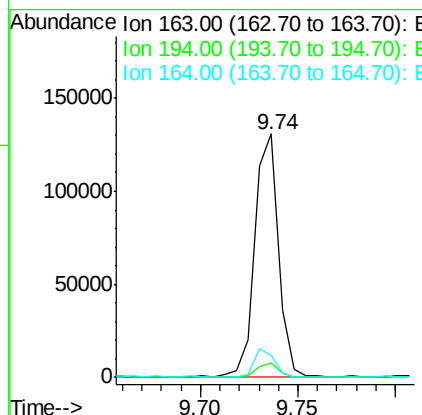
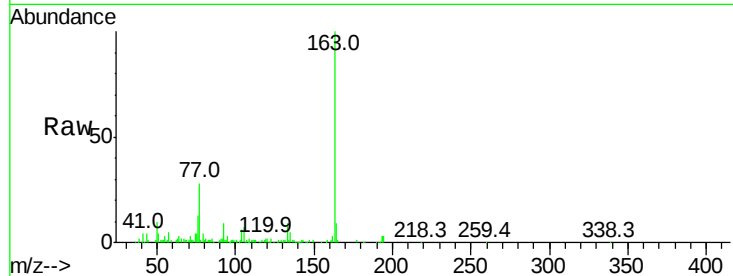
#49
Dimethylphthalate
Concen: 4.926 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
TR-04-071618

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	5.8	2.7	4.1#	
164	9.0	8.2	12.2	

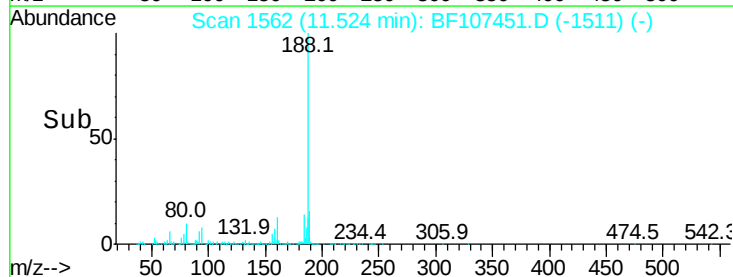
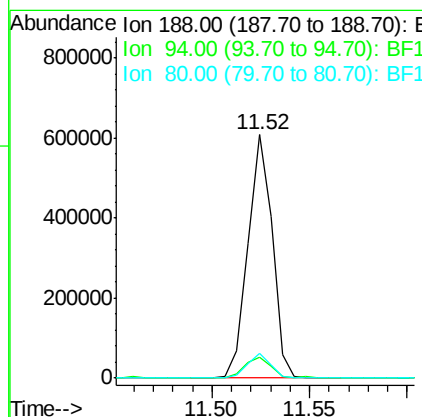
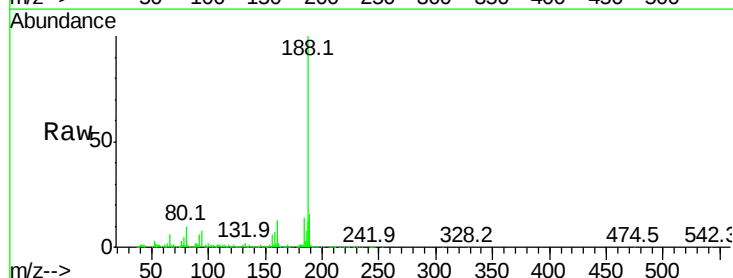
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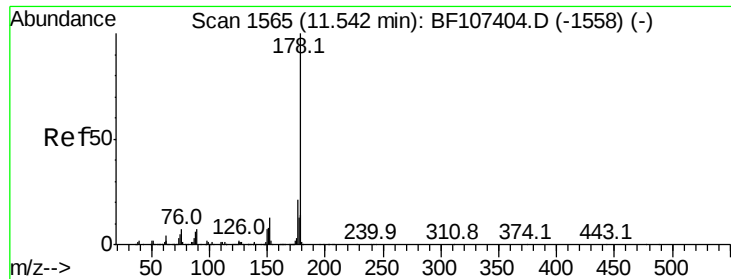
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.4	8.5	12.7#	
80	10.1	9.2	13.8	





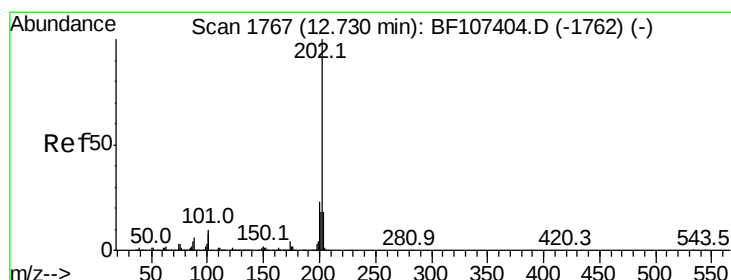
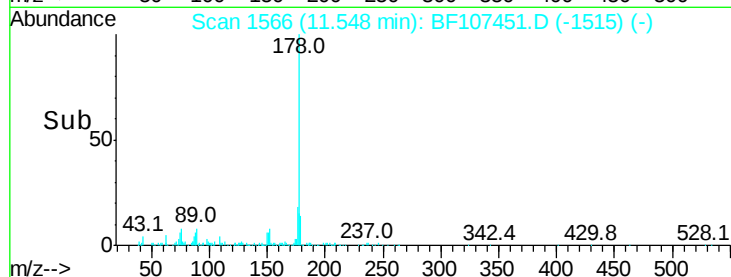
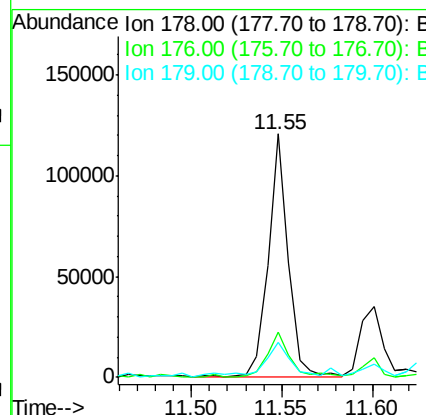
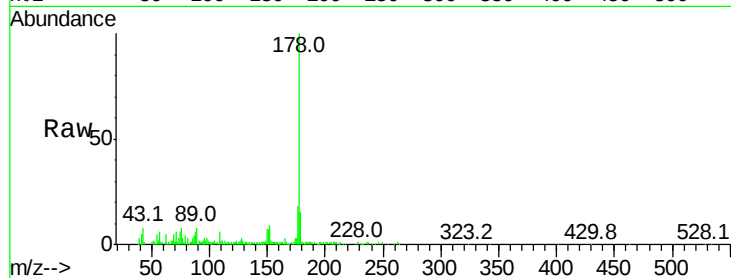
#70
Phenanthrene
Concen: 3.564 ng
RT: 11.55 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
TR-04-071618

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.6	13.0	19.6

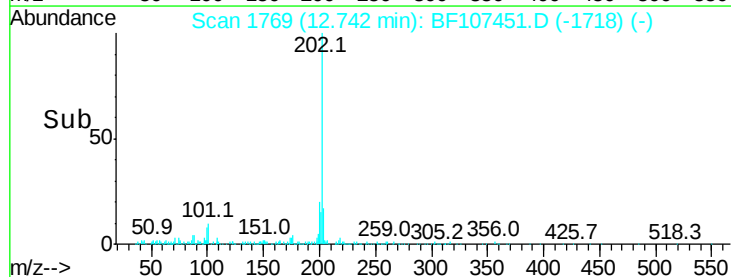
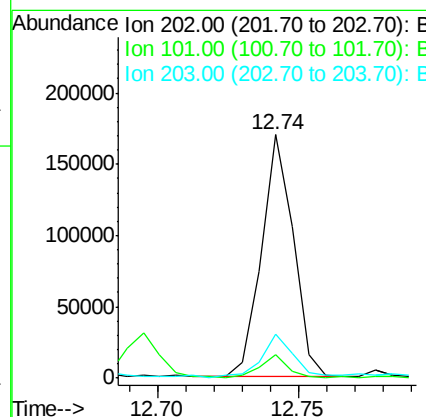
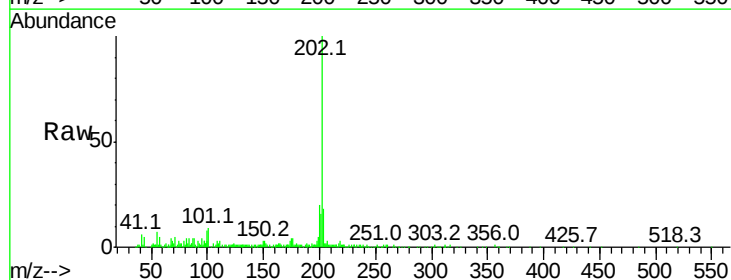
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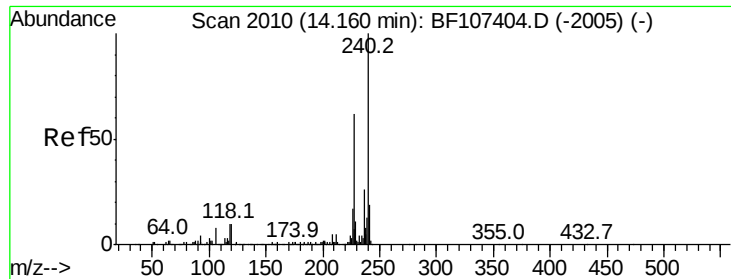
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#74
Fluoranthene
Concen: 4.465 ng
RT: 12.74 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Instrument :

BNA_F

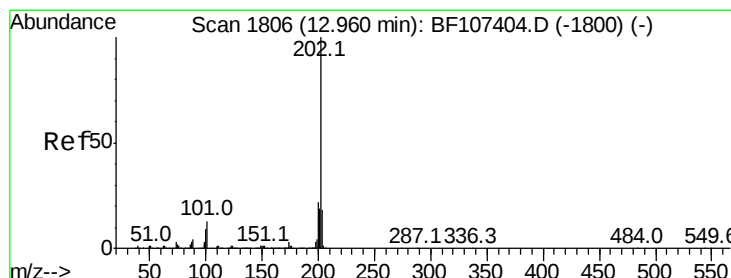
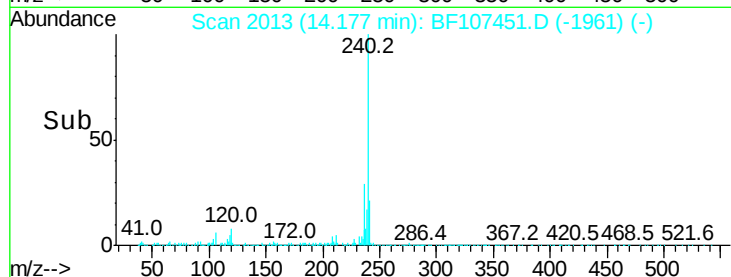
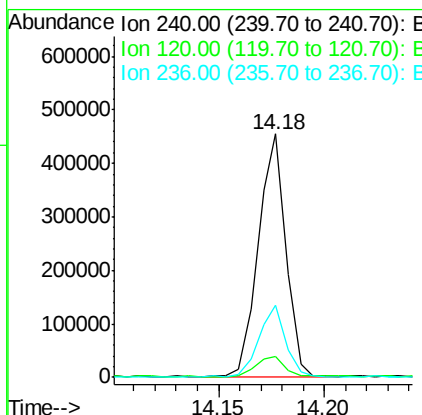
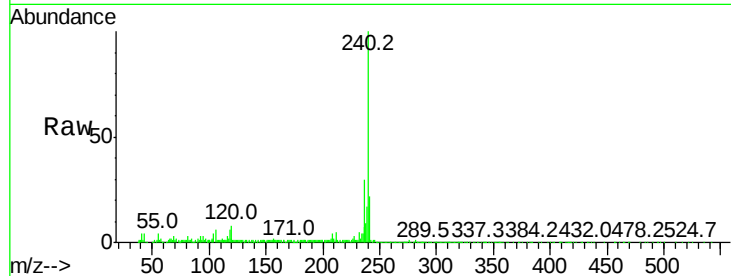
ClientSampleId :

TR-04-071618

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	29.6	20.7	31.1

Manual Integrations
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#77

Pyrene

Concen: 5.409 ng

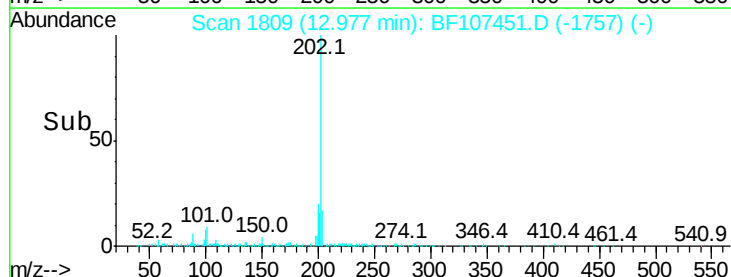
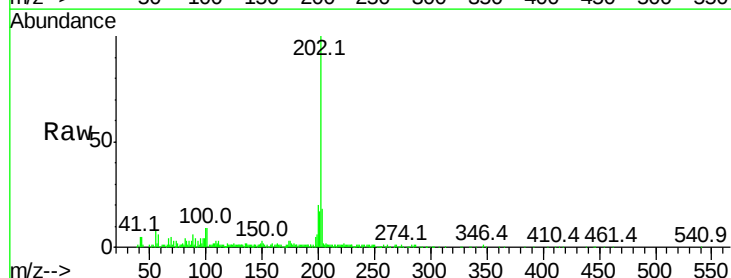
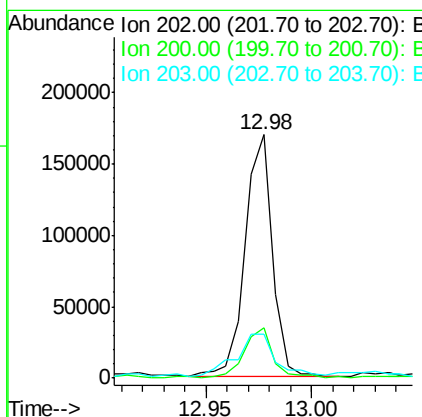
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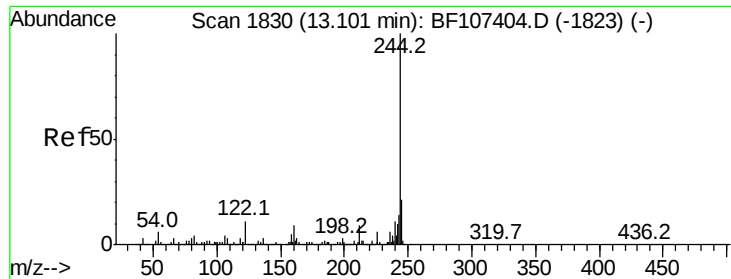
Delta R.T. 0.01 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.4	26.2
203	18.0	14.3	21.5





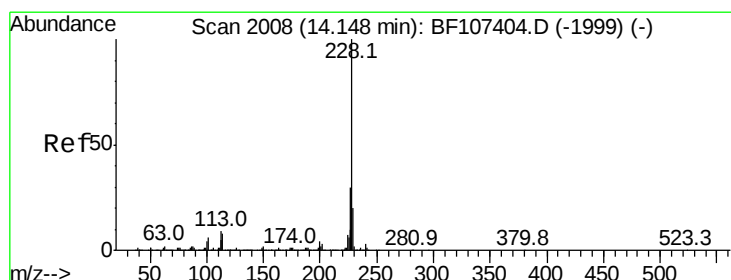
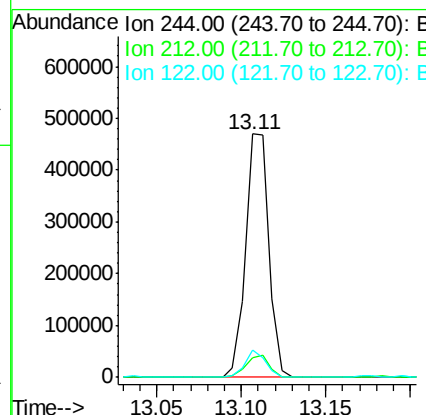
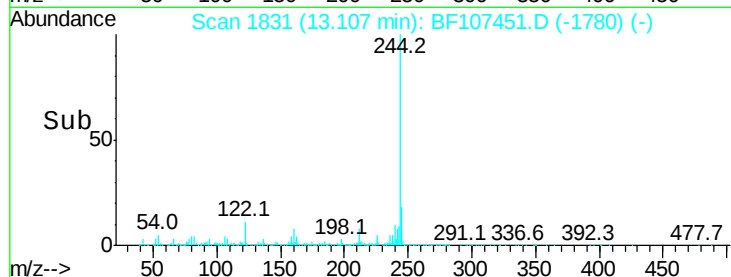
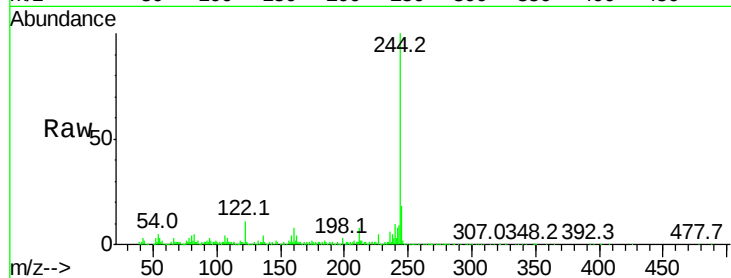
#78
 Terphenyl-d14
 Concen: 27.079 ng
 RT: 13.11 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BF107451.D
 Acq: 17 Jul 2018 16:04

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071618

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.4	8.0#
122	11.0	11.0	16.4

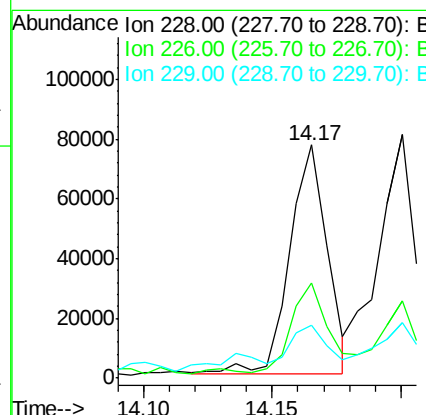
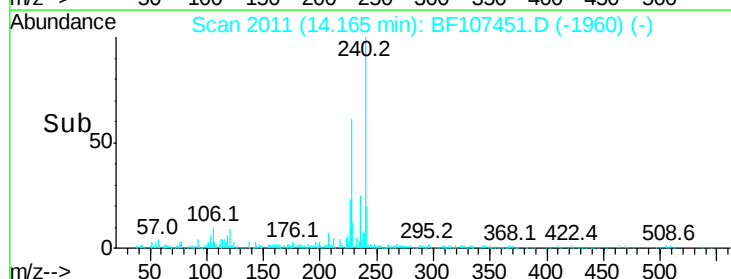
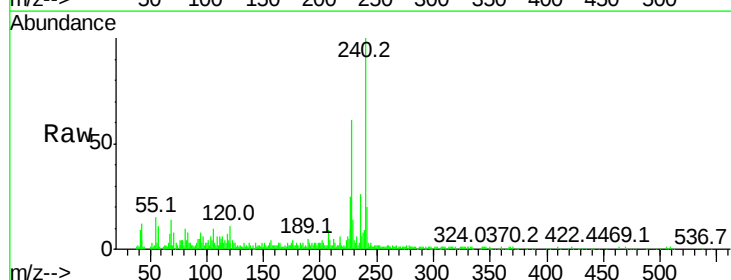
Manual Integrations
 APPROVED

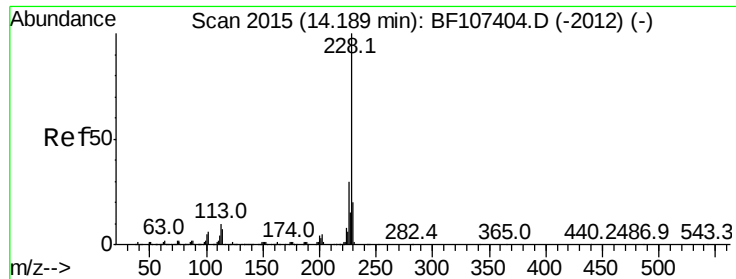
Sohil
 7/18/2018 10:44:06 AM



#80
 Benzo(a)anthracene
 Concen: 3.049 ng m
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF107451.D
 Acq: 17 Jul 2018 16:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.0	22.6	33.8#
229	22.8	15.8	23.6





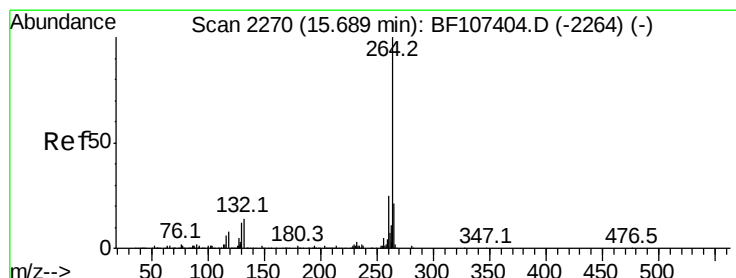
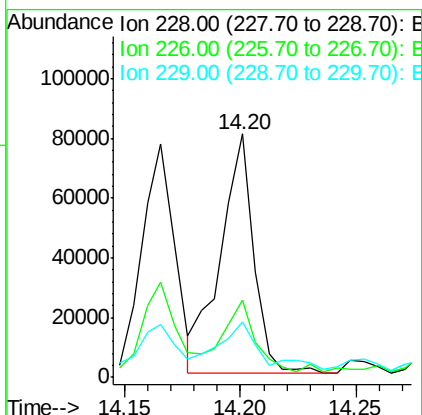
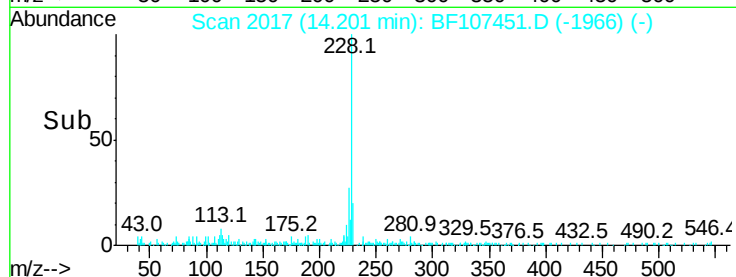
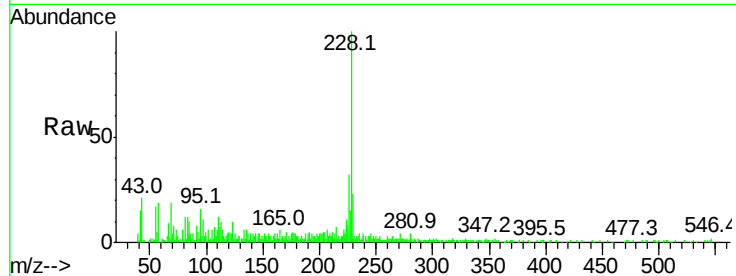
#82
Chrysene
Concen: 3.339 ng
RT: 14.20 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Instrument :
BNA_F
ClientSampleId :
TR-04-071618

Tot Ion:	228	Resp:	80660
Ion Ratio	Lower	Upper	
228	100		
226	31.8	25.0	37.6
229	23.0	16.2	24.4

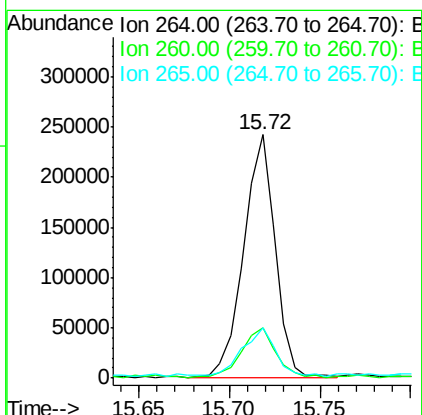
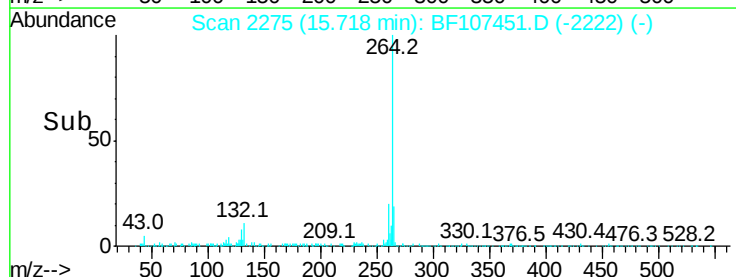
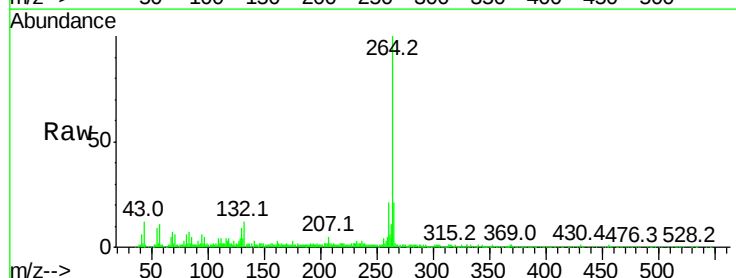
Manual Integrations
APPROVED

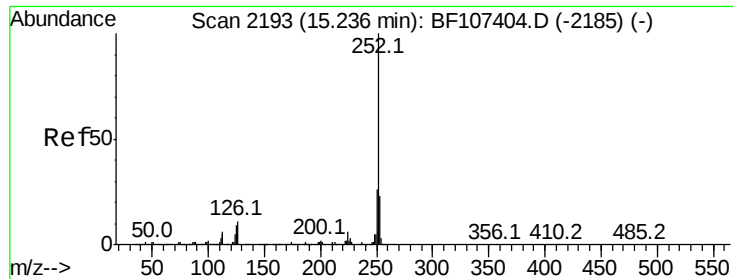
Sohil
7/18/2018 10:44:06 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF107451.D
Acq: 17 Jul 2018 16:04

Tgt Ion:	264	Resp:	290659
Ion Ratio	Lower	Upper	
264	100		
260	20.8	19.2	28.8
265	20.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 4.494 ng m

RT: 15.25 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Instrument :

BNA_F

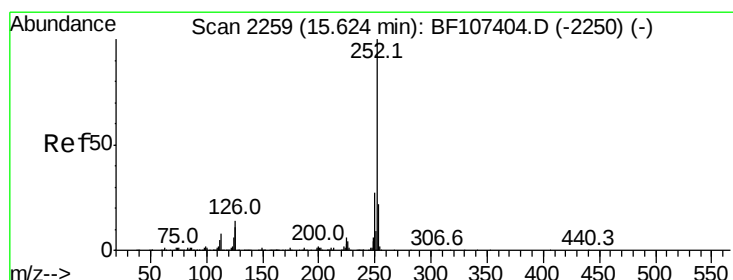
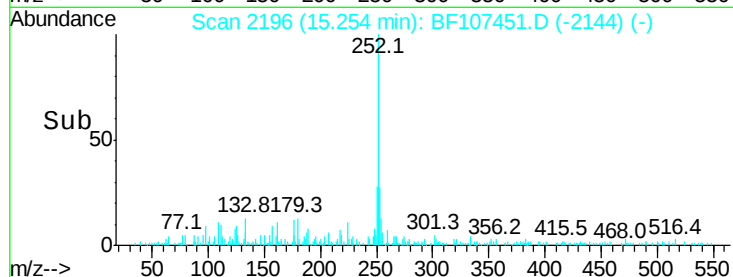
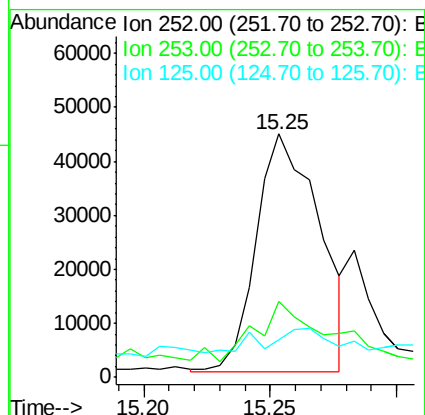
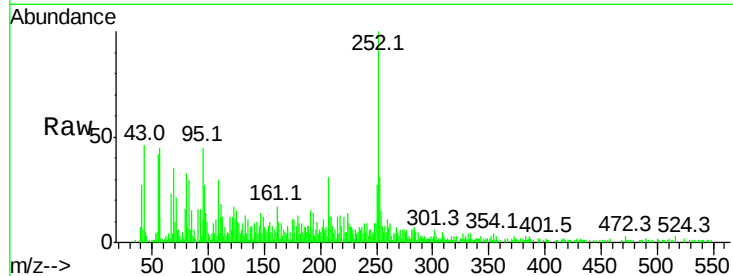
ClientSampleId :

TR-04-071618

Tot Ion:	252	Resp:	76451
Ion Ratio	Lower	Upper	
252	100		
253	31.0	17.0	25.6#
125	15.4	9.0	13.6#

Manual Integrations
APPROVED

Sohil
7/18/2018 10:44:06 AM



#89

Benzo(a)pyrene

Concen: 2.981 ng

RT: 15.65 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF107451.D

Acq: 17 Jul 2018 16:04

Tgt Ion:	252	Resp:	46556
Ion Ratio	Lower	Upper	
252	100		
253	35.8	17.1	25.7#
125	25.3	9.8	14.6#

