

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107717.D
 Acq On : 26 Jul 2018 23:10
 Operator : JU/SJ
 Sample : J4109-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(10-12)

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:54:13 PM

Quant Time: Jul 27 05:34:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	190028	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	784984	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	348106	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	615645	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	432369	20.00	ng	-0.02
86) Perylene-d12	15.67	264	475537	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1346057	113.89	ng	0.00
7) Phenol-d6	6.60	99	1619530	114.12	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1059961	91.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	487362	123.12	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1879985	95.70	ng	-0.02
78) Terphenyl-d14	13.08	244	1356191	80.30	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.71	163	311082	11.857	ng	99
74) Fluoranthene	12.71	202	113875	3.537	ng	95
77) Pyrene	12.94	202	105203	3.557	ng	98
80) Benzo(a)anthracene	14.14	228	65424	2.582	ng	94
82) Chrysene	14.17	228	57982	2.382	ng	96
87) Benzo(b)fluoranthene	15.22	252	72141m	2.772	ng	
89) Benzo(a)pyrene	15.61	252	61806	2.596	ng	95

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

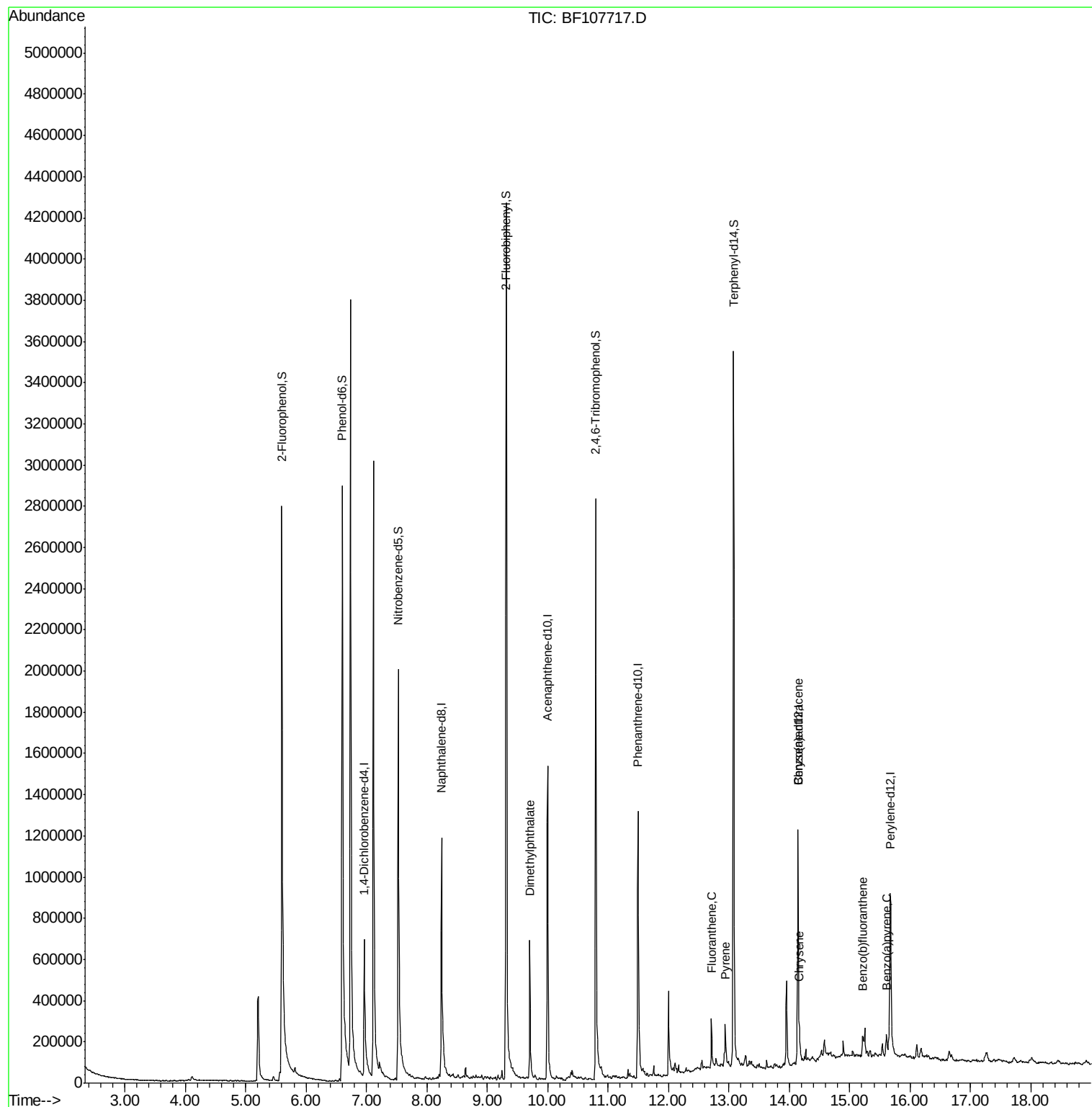
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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ALS Vial : 21 Sample Multiplier: 1

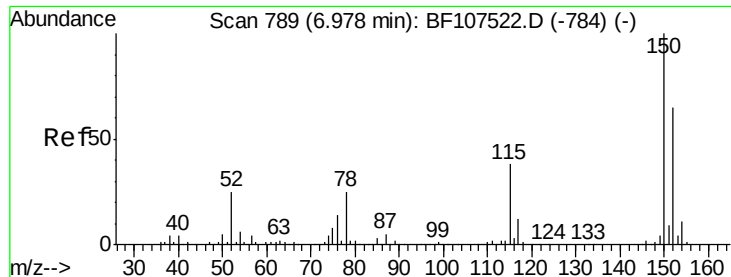
Instrument :
BNA_F
ClientSampleId :
SB-10(10-12)

Manual Integrations
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Quant Time: Jul 27 05:34:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

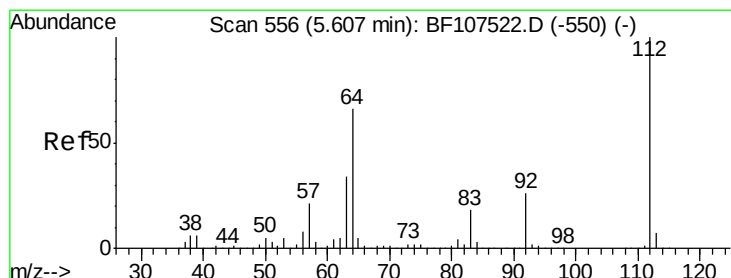
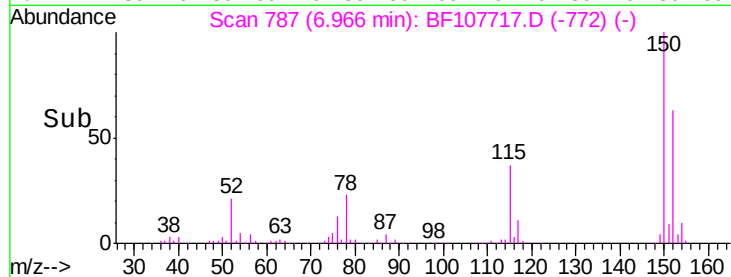
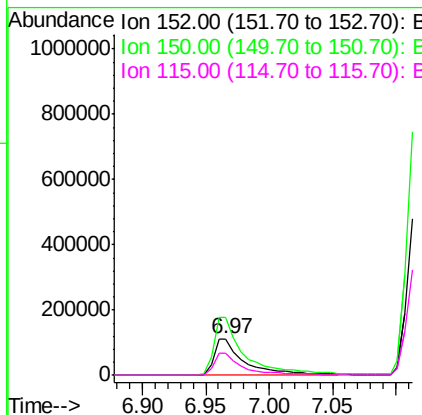
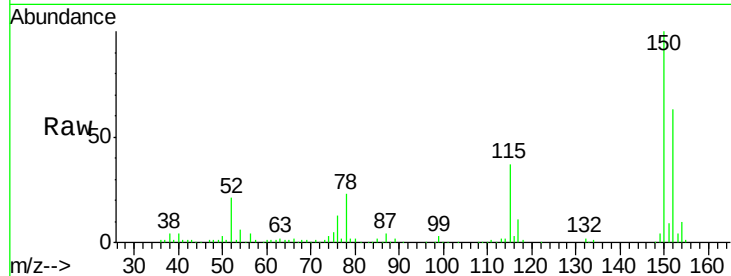
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Instrument :
BNA_F
ClientSampleId :
SB-10(10-12)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	59.5	50.1	75.1

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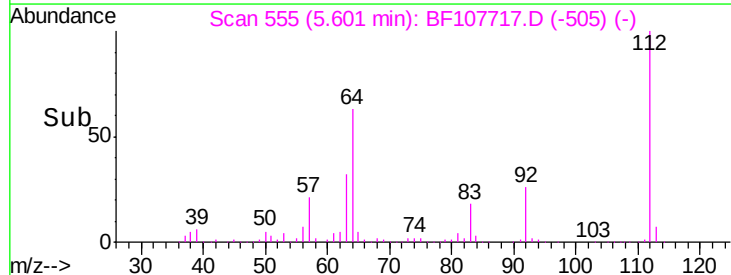
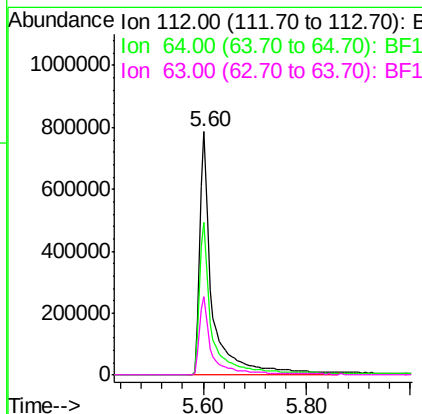
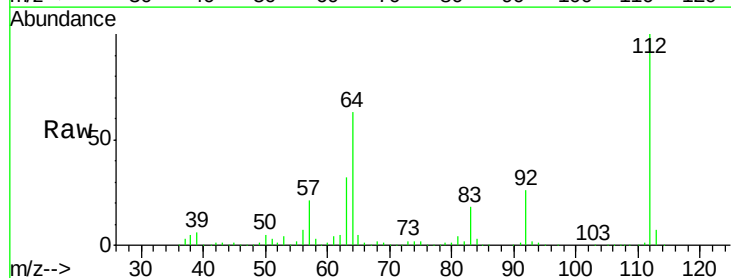
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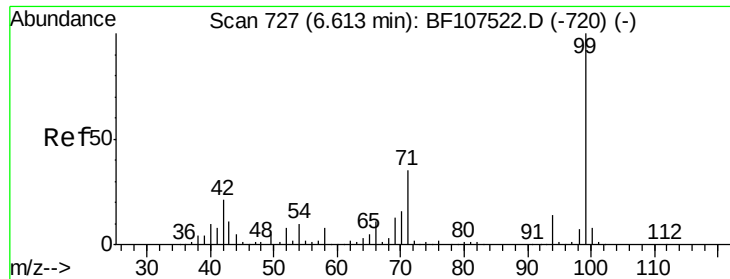


#5

2-Fluorophenol
Concen: 113.889 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	47.9	71.9
63	32.4	23.7	35.5





#7

Phenol-d6

Concen: 114.119 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Instrument :

BNA_F

ClientSampled :

SB-10(10-12)

Tgt Ion: 99 Resp: 1619530

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

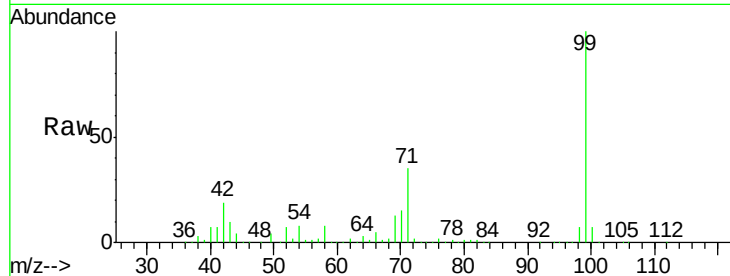
71 34.9 25.4 38.0

Manual Integrations

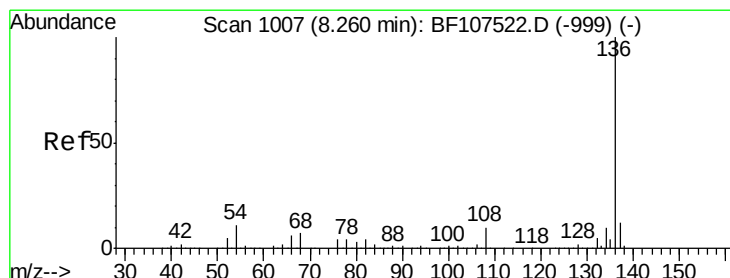
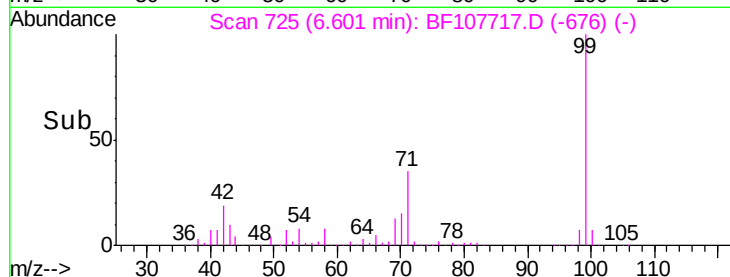
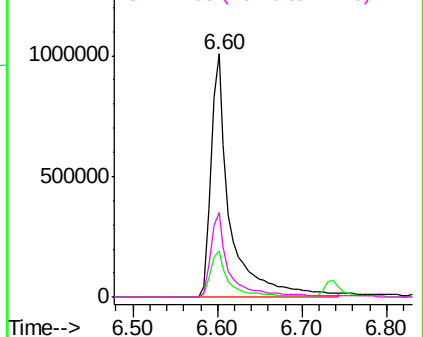
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Tgt Ion: 136 Resp: 784984

Ion Ratio Lower Upper

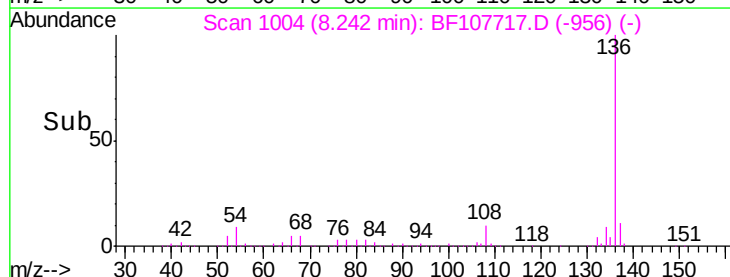
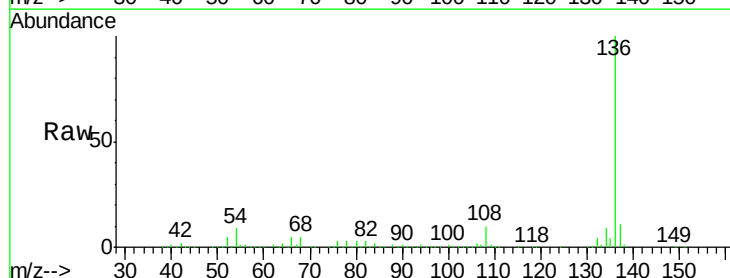
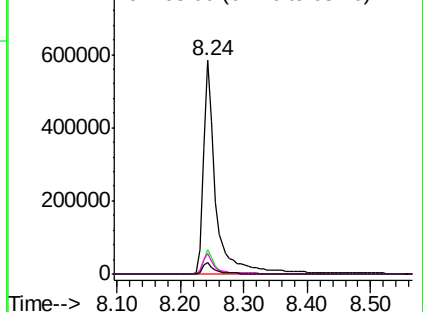
136 100

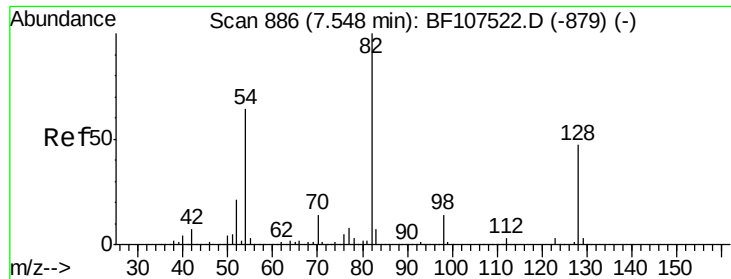
137 11.3 8.9 13.3

54 9.3 6.6 9.8

68 5.5 5.0 7.4

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





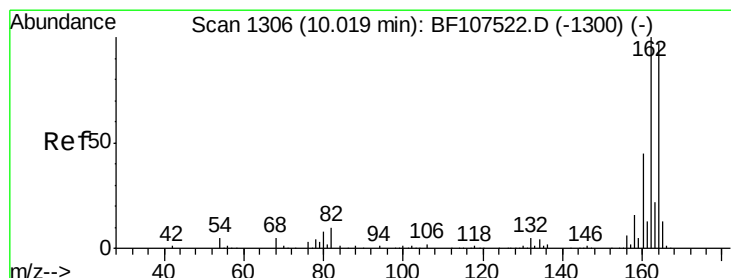
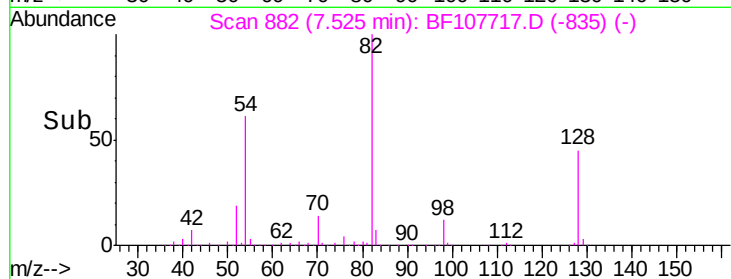
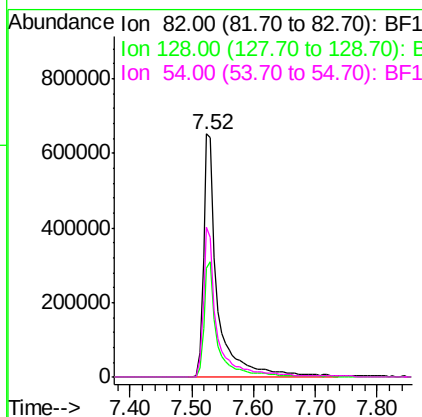
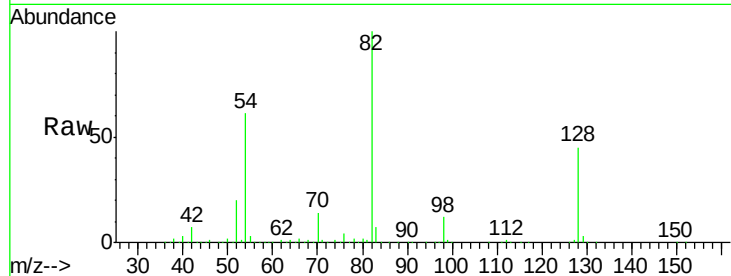
#23
 Nitrobenzene-d5
 Concen: 91.128 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.02 min
 Lab File: BF107717.D
 Acq: 26 Jul 2018 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(10-12)

Tgt Ion: 82 Resp: 1059961
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.1 54.1
 54 61.4 41.4 62.2

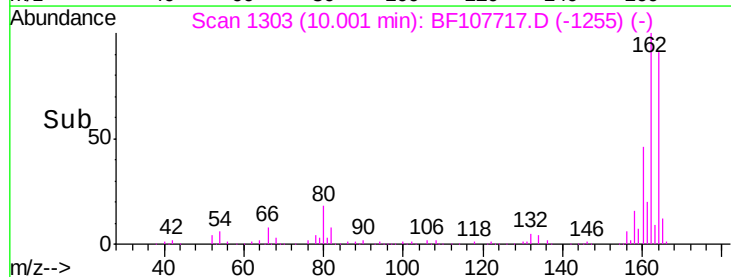
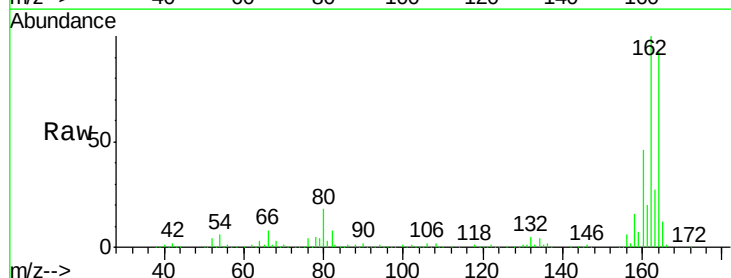
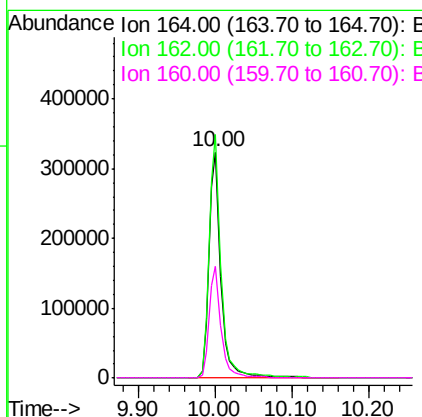
Manual Integrations
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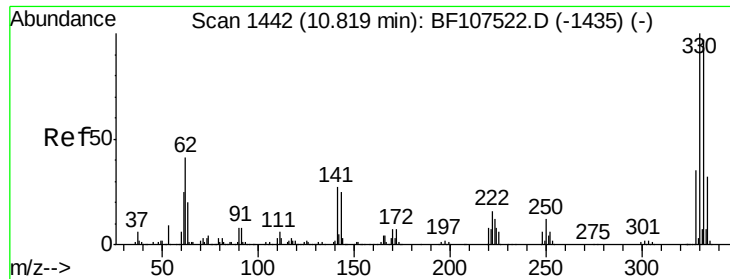
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107717.D
 Acq: 26 Jul 2018 23:10

Tgt Ion: 164 Resp: 348106
 Ion Ratio Lower Upper
 164 100
 162 107.9 86.1 129.1
 160 49.7 38.3 57.5





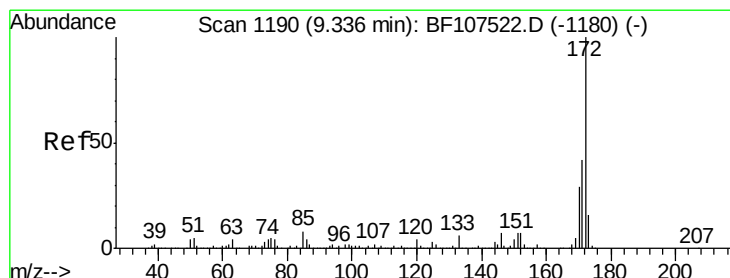
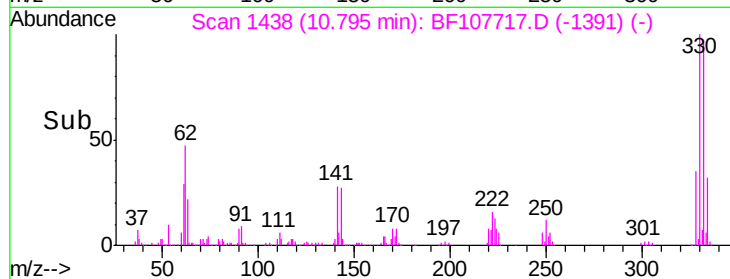
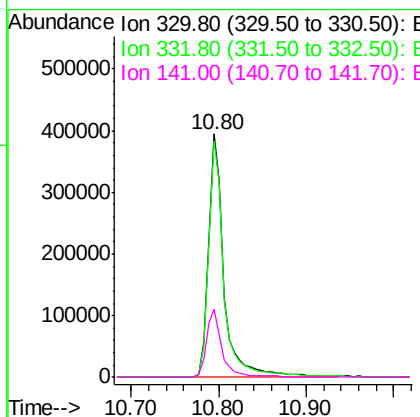
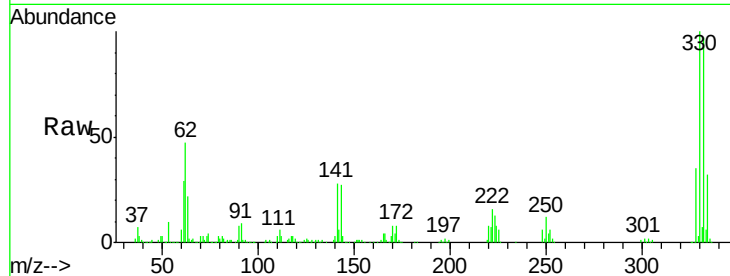
#41
 2,4,6-Tribromophenol
 Concen: 123.118 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107717.D
 Acq: 26 Jul 2018 23:10

Instrument :
 BNA_F
 ClientSampled :
 SB-10(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	487362		
332	97.6	77.0	115.6	
141	28.9	29.9	44.9#	

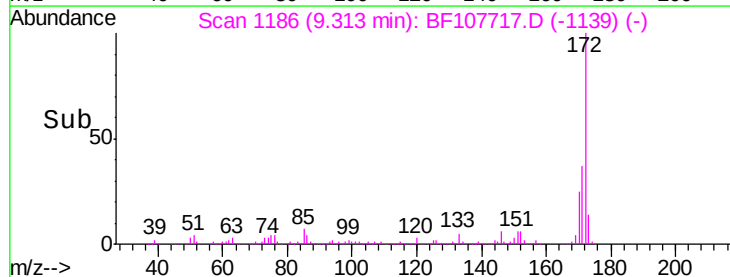
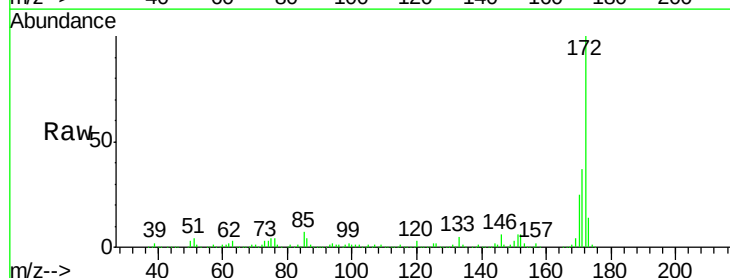
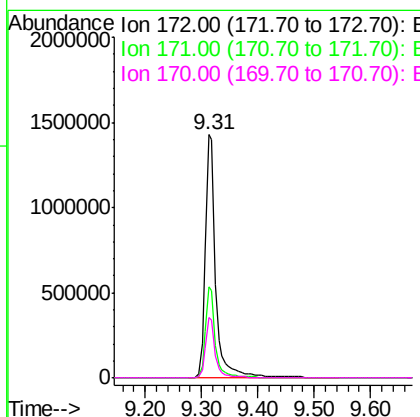
Manual Integrations
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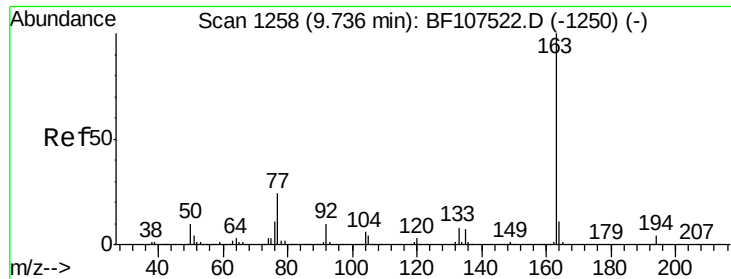
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#44
 2-Fluorobiphenyl
 Concen: 95.699 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107717.D
 Acq: 26 Jul 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1879985		
171	37.4	29.7	44.5	
170	24.8	19.6	29.4	





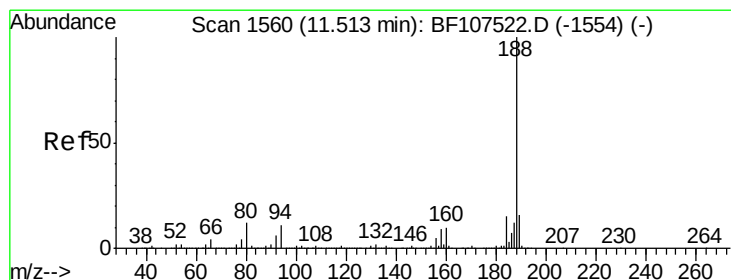
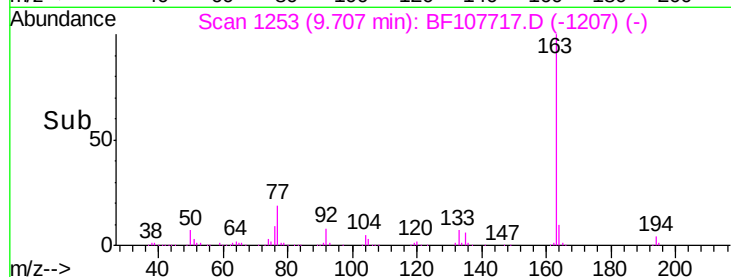
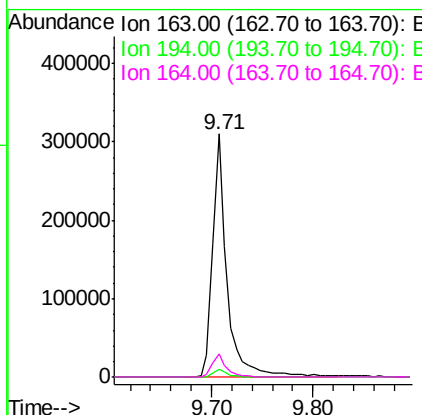
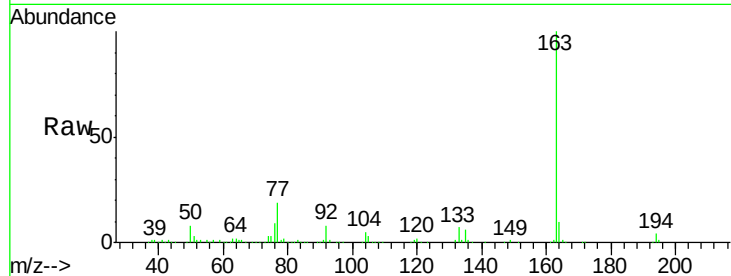
#49
Dimethylphthalate
Concen: 11.857 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Instrument :
BNA_F
ClientSampleId :
SB-10(10-12)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	311082		
194	3.5	2.7	4.1	
164	9.7	8.2	12.2	

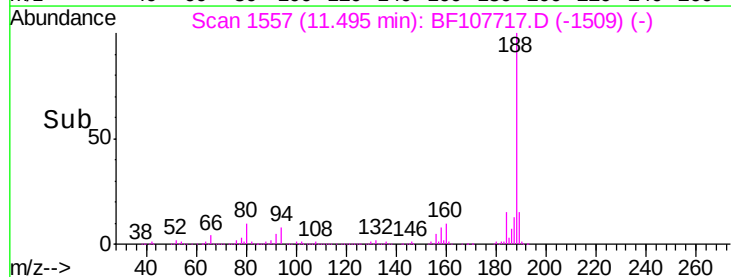
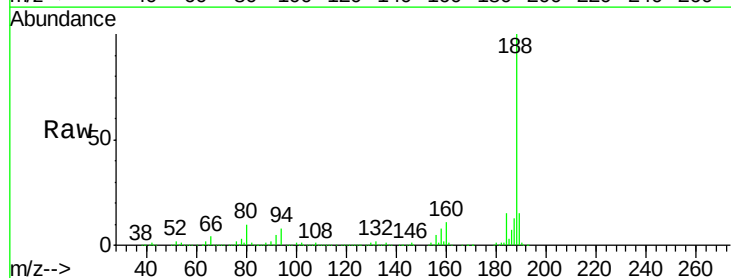
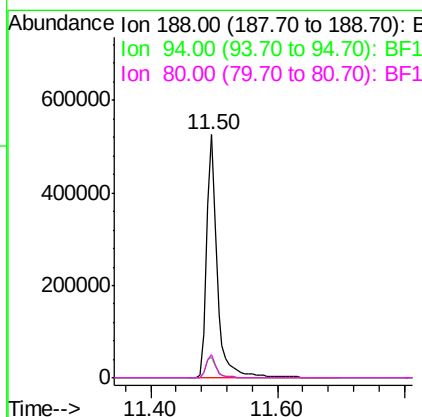
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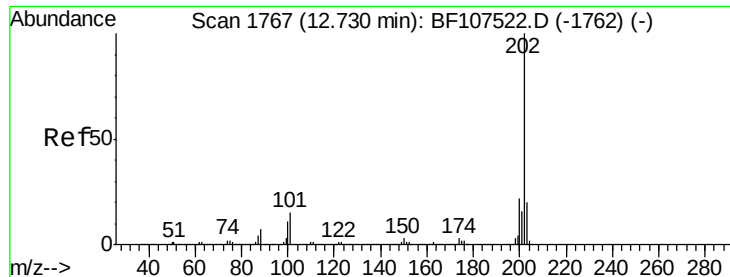
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	615645		
94	8.4	8.5	12.7#	
80	9.7	9.2	13.8	





#74

Fluoranthene

Concen: 3.537 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Instrument :

BNA_F

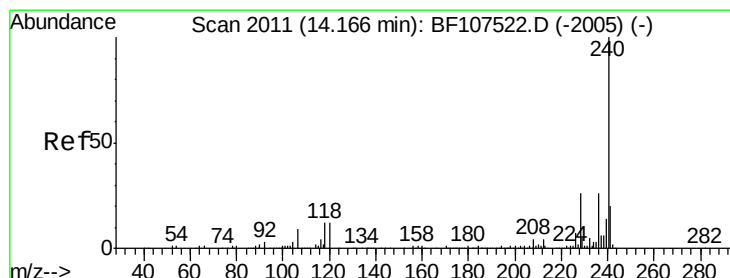
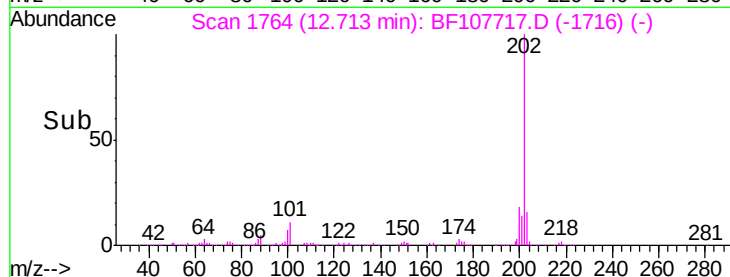
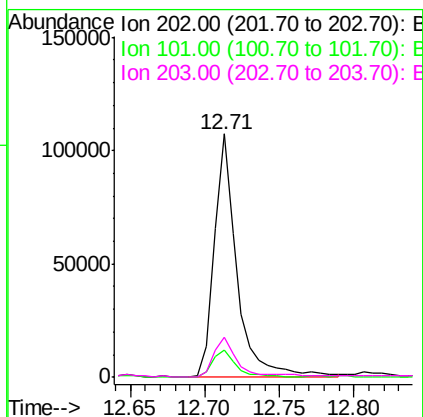
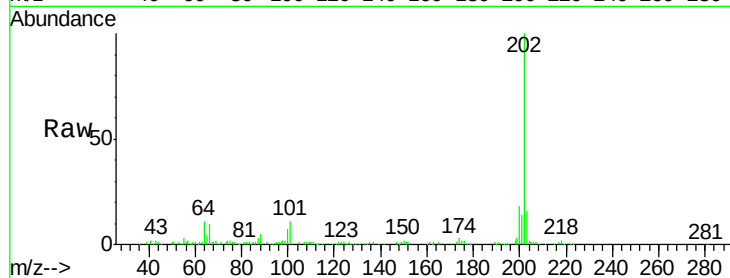
ClientSampleId :

SB-10(10-12)

Tgt Ion:	202	Resp:	113875
Ion Ratio		Lower	Upper
202	100		
101	11.1	0.0	34.1
203	16.3	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

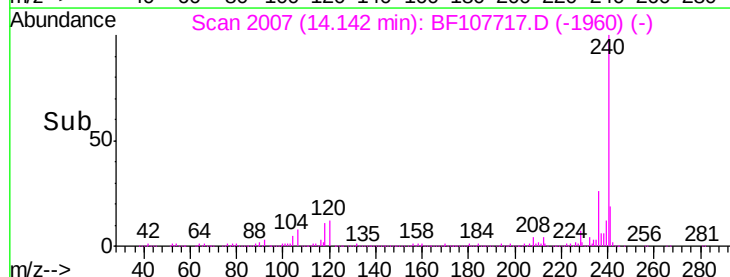
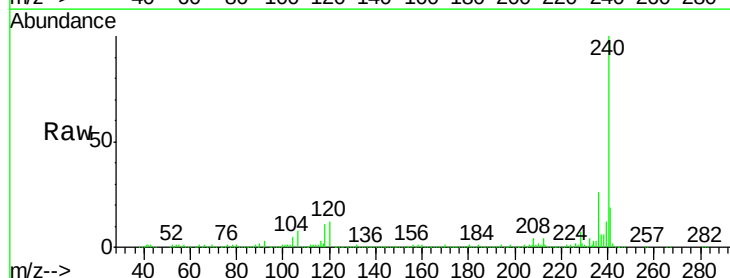
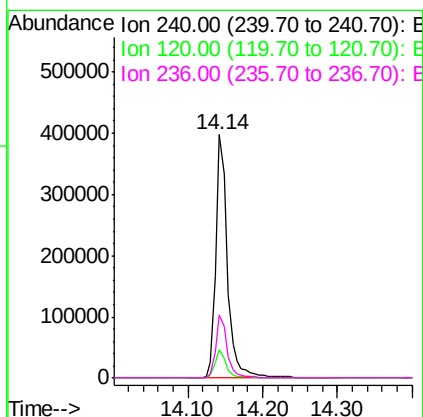
RT: 14.14 min Scan# 2007

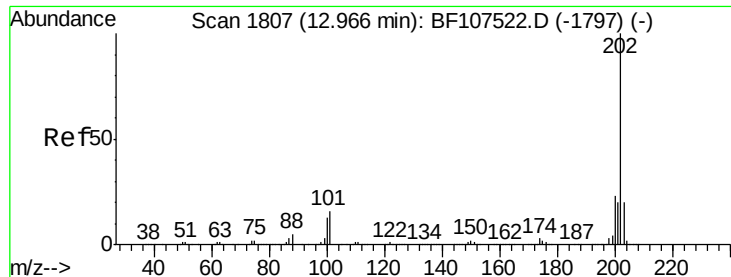
Delta R.T. -0.02 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Tgt Ion:	240	Resp:	432369
Ion Ratio		Lower	Upper
240	100		
120	11.8	9.5	14.3
236	25.9	20.7	31.1





#77

Pyrene

Concen: 3.557 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Instrument :

BNA_F

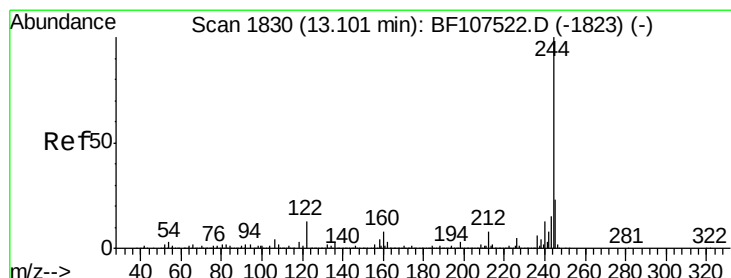
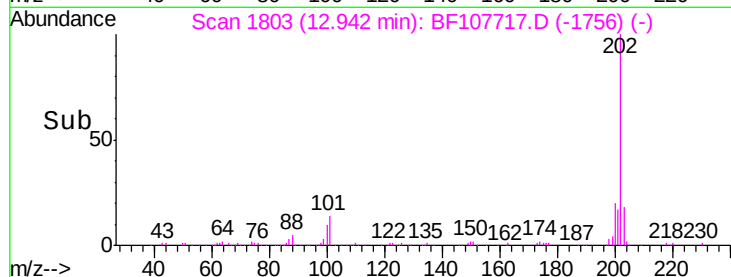
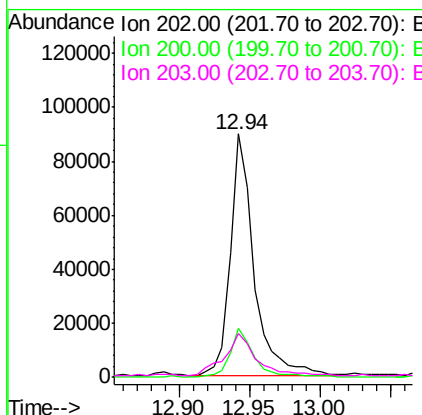
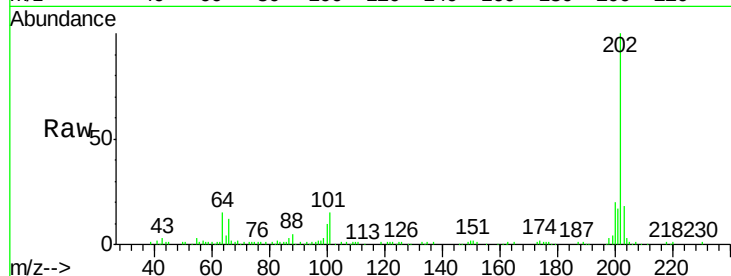
ClientSampleId :

SB-10(10-12)

Tgt	Ion	202	Resp	105203
Ion	Ratio	Lower	Upper	
202	100			
200	20.0	17.4	26.2	
203	18.0	14.3	21.5	

Manual Integrations
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#78

Terphenyl-d14

Concen: 80.301 ng

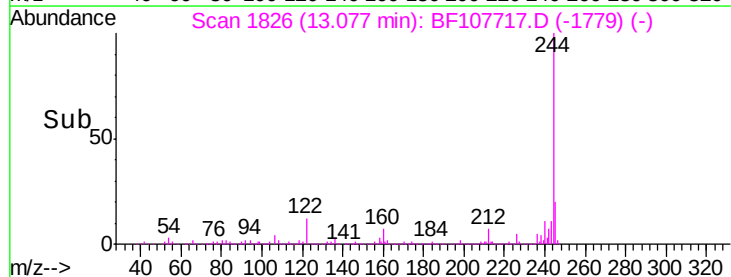
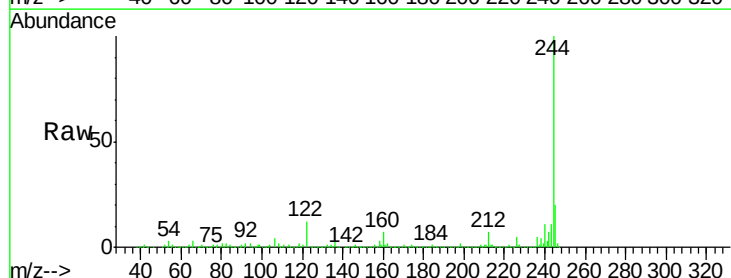
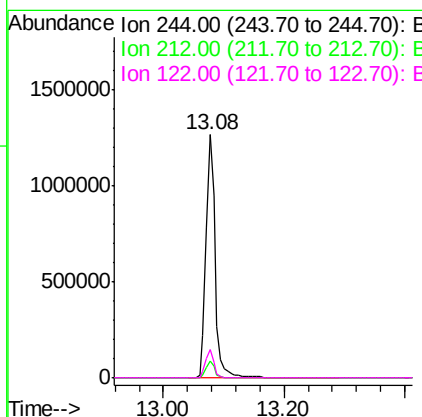
RT: 13.08 min Scan# 1826

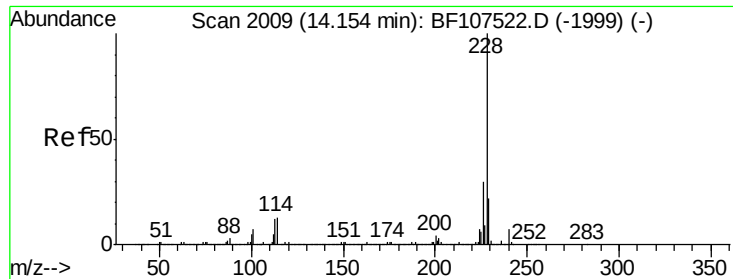
Delta R.T. -0.02 min

Lab File: BF107717.D

Acq: 26 Jul 2018 23:10

Tgt	Ion	244	Resp	1356191
Ion	Ratio	Lower	Upper	
244	100			
212	7.0	5.4	8.0	
122	11.6	11.0	16.4	





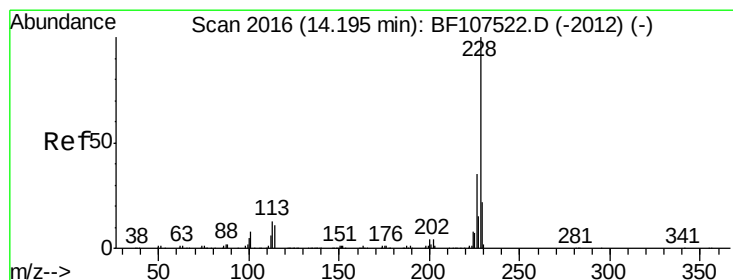
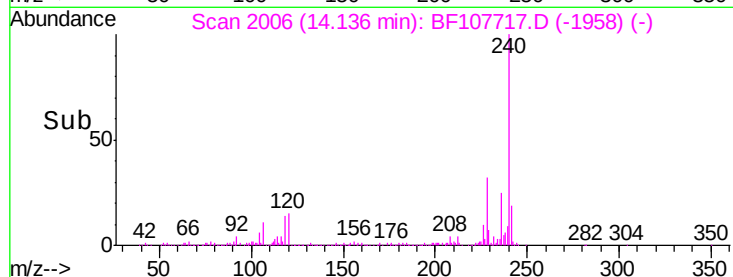
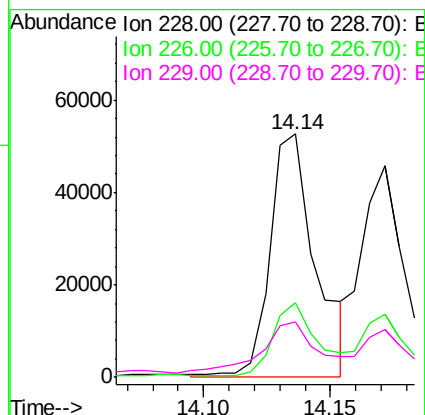
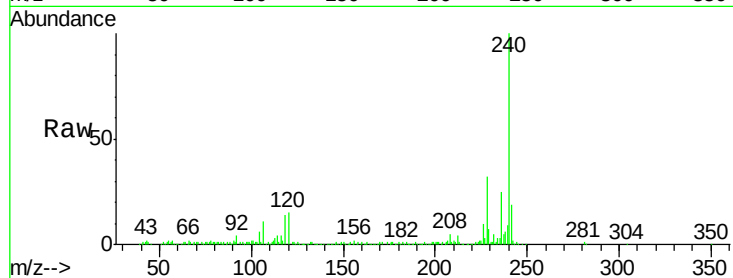
#80
Benzo(a)anthracene
Concen: 2.582 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Instrument :
BNA_F
ClientSampleId :
SB-10(10-12)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	22.8	15.8	23.6

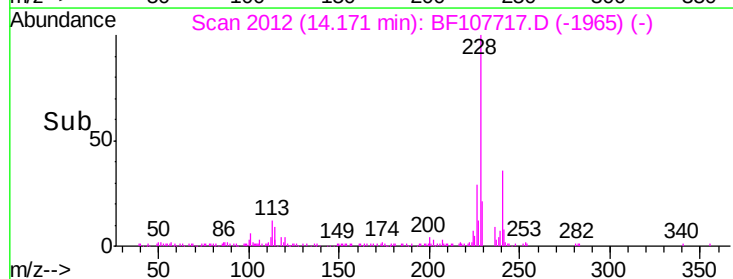
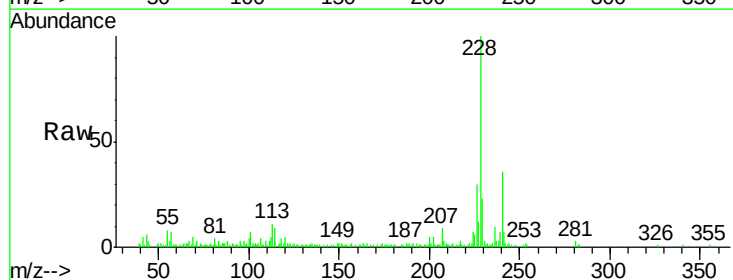
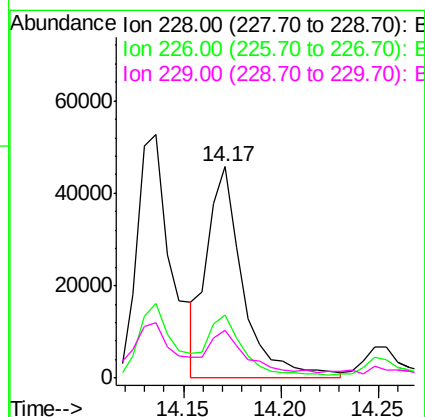
Manual Integrations
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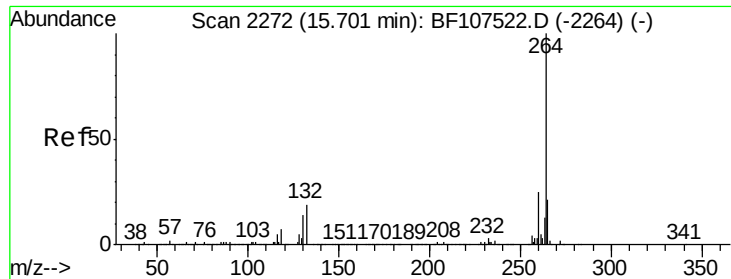
Sohil
7/27/2018 2:54:13 PM



#82
Chrysene
Concen: 2.382 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	22.7	16.2	24.4





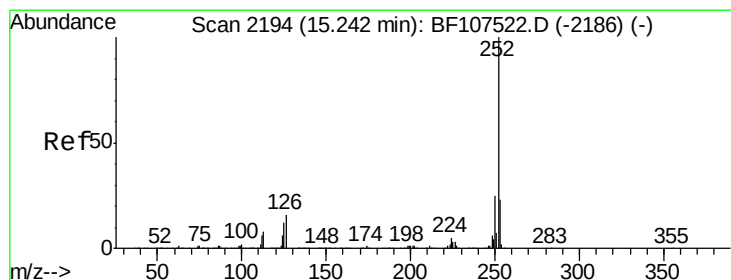
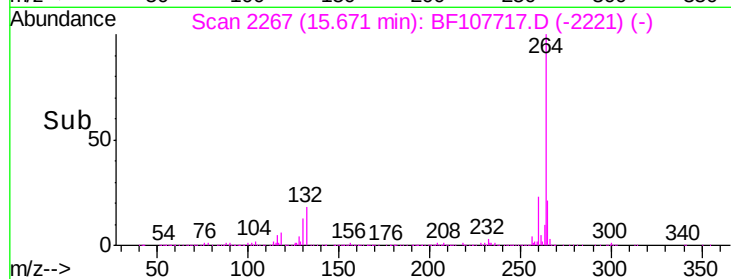
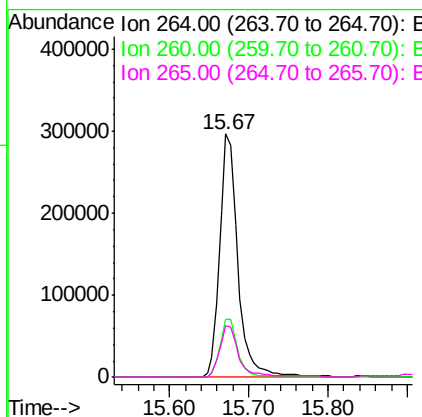
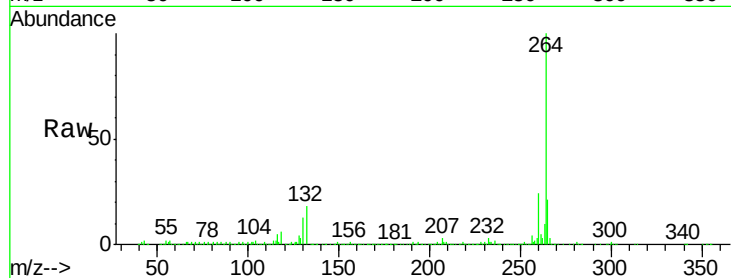
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.03 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Instrument :
BNA_F
ClientSampleId :
SB-10(10-12)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

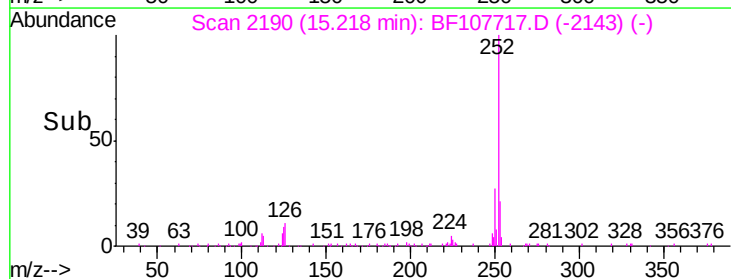
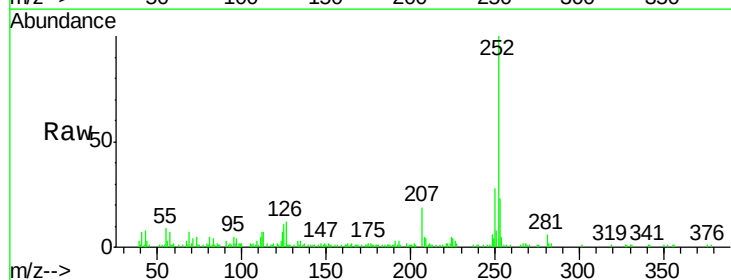
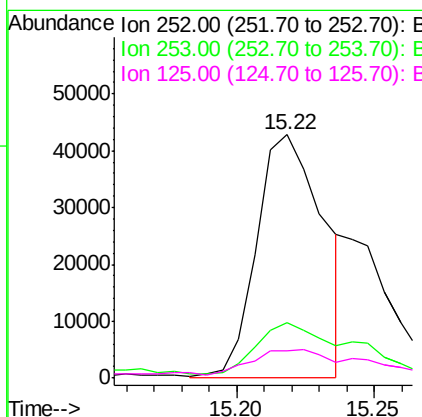
Manual Integrations
APPROVED

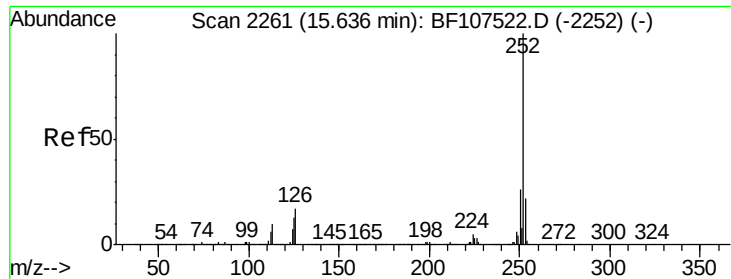
Sohil
7/27/2018 2:54:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.772 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107717.D
Acq: 26 Jul 2018 23:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	11.0	9.0	13.6





#89
 Benzo(a)pyrene
 Concen: 2.596 ng
 RT: 15.61 min Scan# 2256
 Delta R.T. -0.03 min
 Lab File: BF107717.D
 Acq: 26 Jul 2018 23:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(10-12)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.1	25.7
125	12.5	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 7/27/2018 2:54:13 PM

