

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
 Data File : BF107714.D
 Acq On : 26 Jul 2018 21:48
 Operator : JU/SJ
 Sample : J4109-05 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(3-5)

Manual Integrations
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 7/27/2018 2:54:05 PM

Quant Time: Jul 27 05:17:15 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	6.96	152	169006	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	731403	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	316083	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	531610	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	404395	20.00	ng	-0.02
86) Perylene-d12	15.68	264	476782	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	455034	43.29	ng	-0.01
7) Phenol-d6	6.60	99	627576	49.72	ng	-0.02
23) Nitrobenzene-d5	7.52	82	378552	34.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	164966	45.90	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	617856	25.97	ng	-0.02
78) Terphenyl-d14	13.08	244	457898	28.99	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	8.27	128	190580	5.925	ng	98
48) Acenaphthylene	9.87	152	142244	4.499	ng	99
49) Dimethylphthalate	9.71	163	97047	4.074	ng	100
51) Acenaphthene	10.03	154	41947	2.118	ng	97
57) Fluorene	10.55	166	92383	4.440	ng	# 93
70) Phenanthrene	11.52	178	549733	21.221	ng	99
71) Anthracene	11.57	178	191268	7.333	ng	97
74) Fluoranthene	12.71	202	558316	20.084	ng	97
77) Pyrene	12.94	202	664275	24.015	ng	98
80) Benzo(a)anthracene	14.14	228	386067m	16.291	ng	
82) Chrysene	14.17	228	361018	15.859	ng	98
85) Indeno(1,2,3-cd)pyrene	17.24	276	153356	7.949	ng	# 90
87) Benzo(b)fluoranthene	15.22	252	421765m	16.163	ng	
88) Benzo(k)fluoranthene	15.25	252	138883m	5.433	ng	
89) Benzo(a)pyrene	15.61	252	364178	15.257	ng	96
91) Benzo(g,h,i)perylene	17.72	276	146109	7.179	ng	94

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

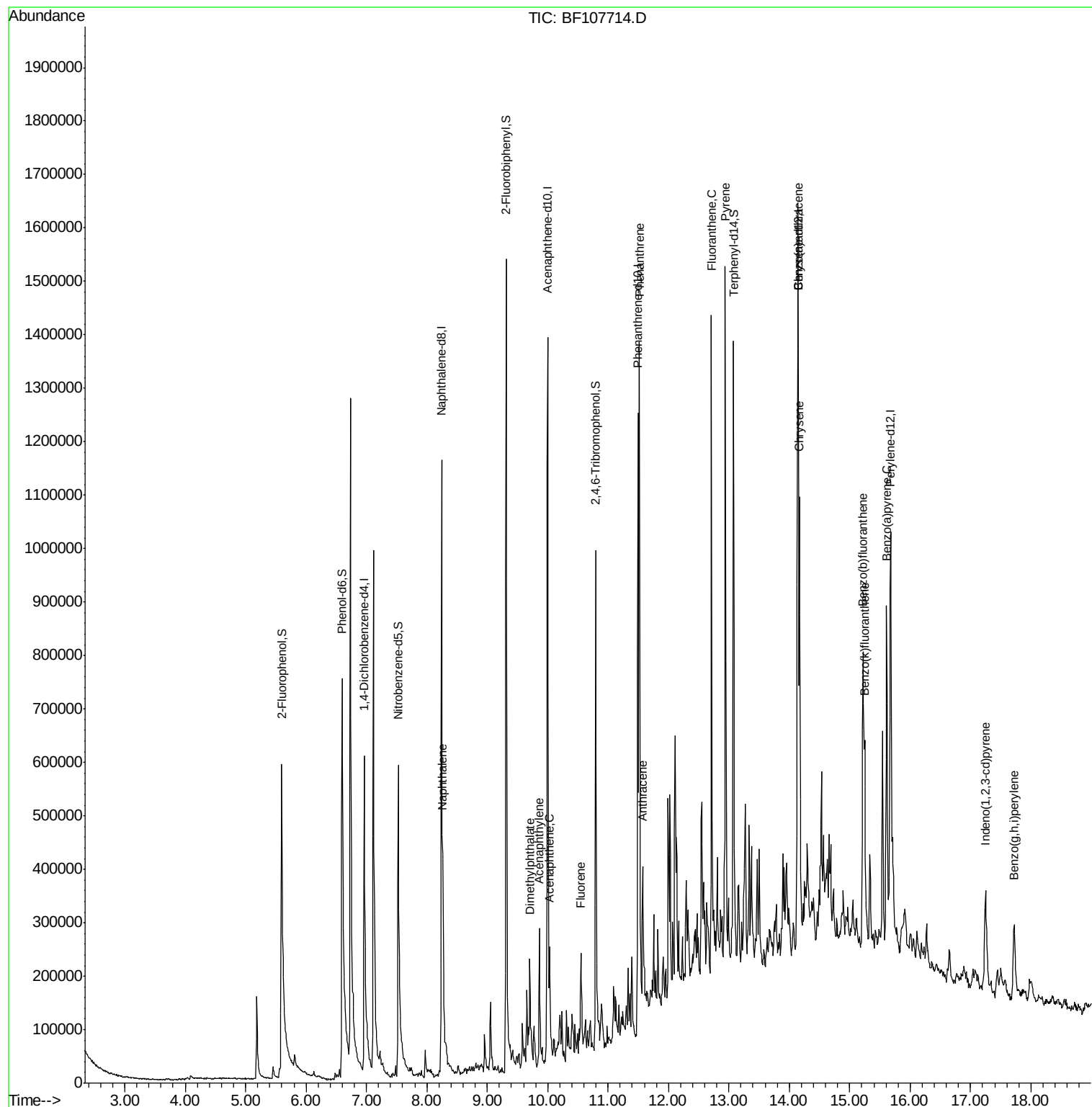
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
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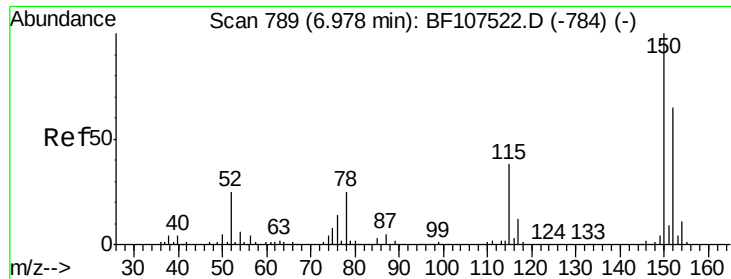
Instrument :
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SB-11(3-5)

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#1

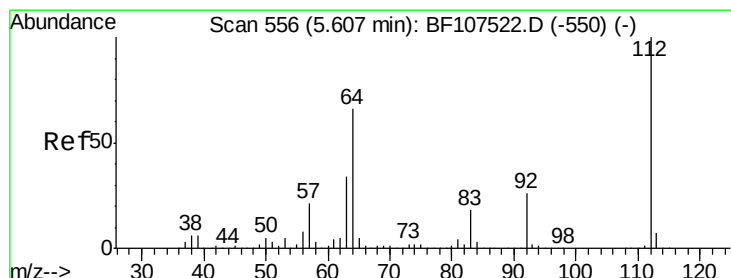
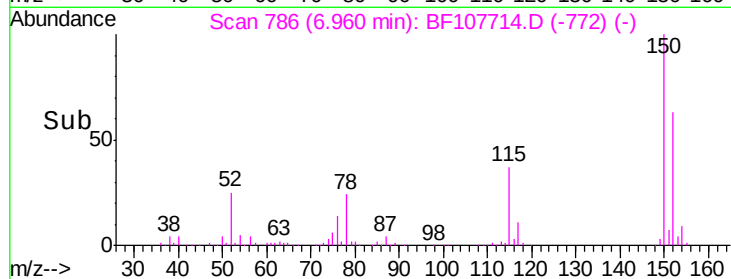
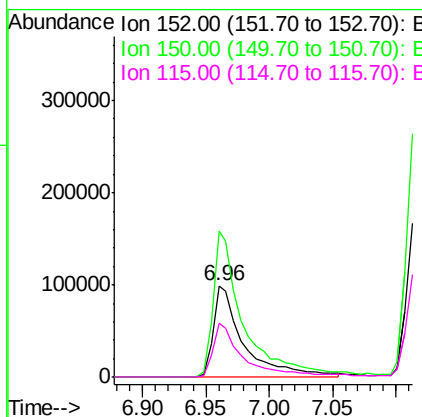
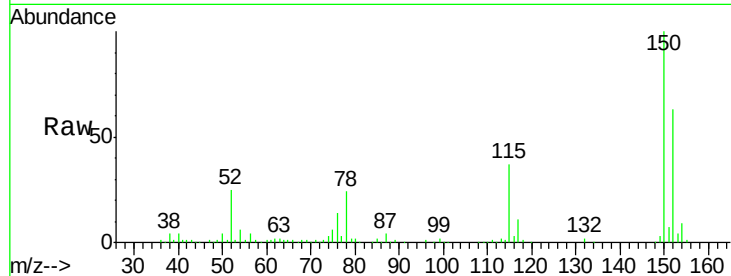
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	59.7	50.1	75.1

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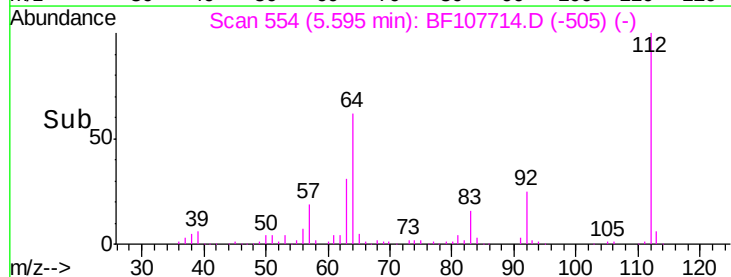
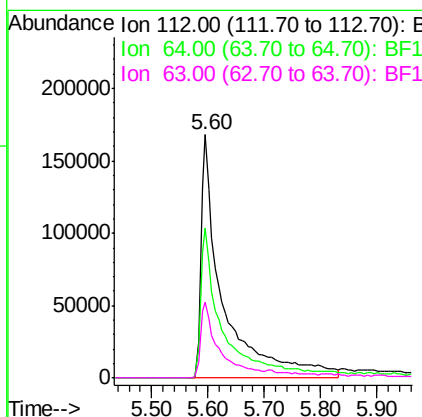
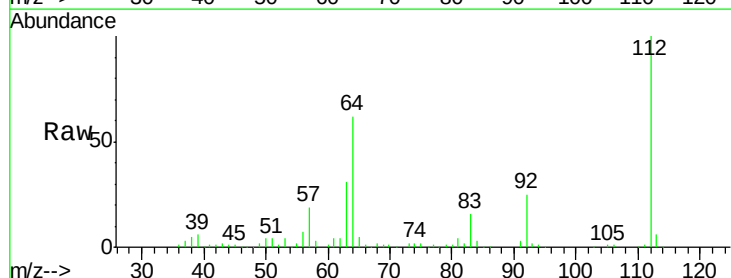
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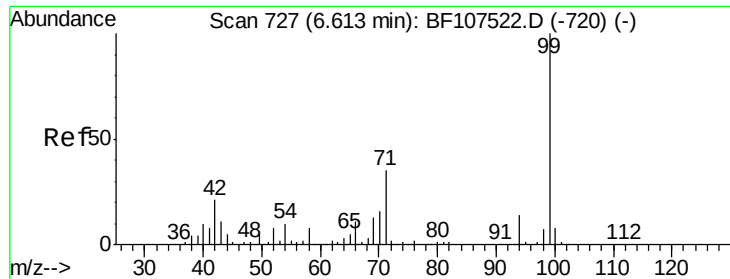


#5

2-Fluorophenol
Concen: 43.289 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	31.4	23.7	35.5





#7

Phenol-d6

Concen: 49.722 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_F

ClientSampleId :

SB-11(3-5)

Tgt Ion: 99 Resp: 627576

Ion Ratio Lower Upper

99 100

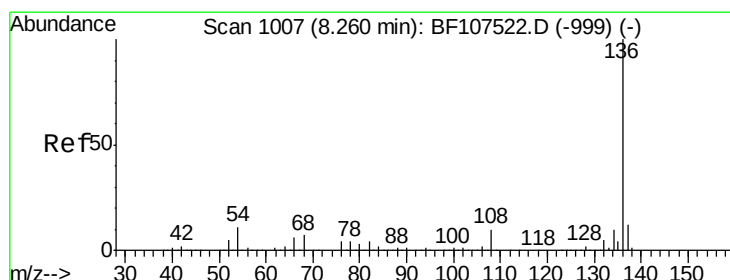
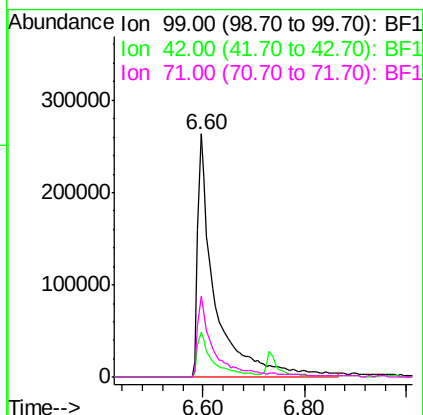
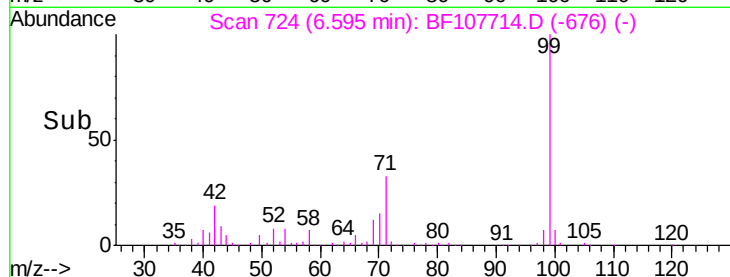
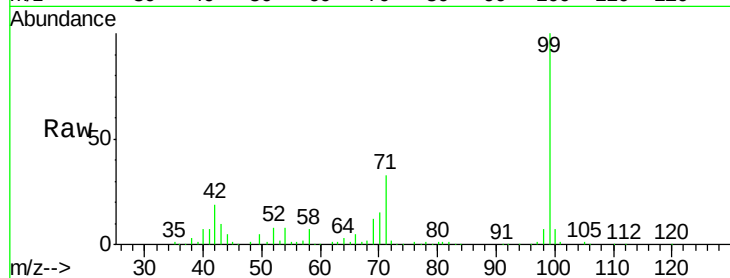
42 18.8 14.5 21.7

71 33.4 25.4 38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Tgt Ion: 136 Resp: 731403

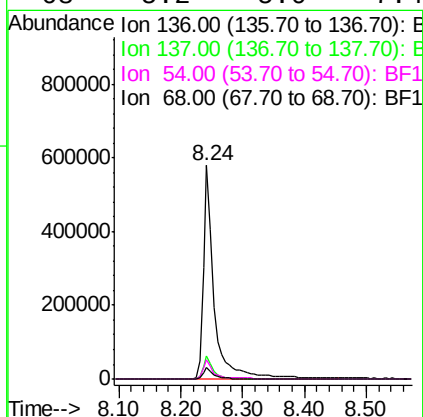
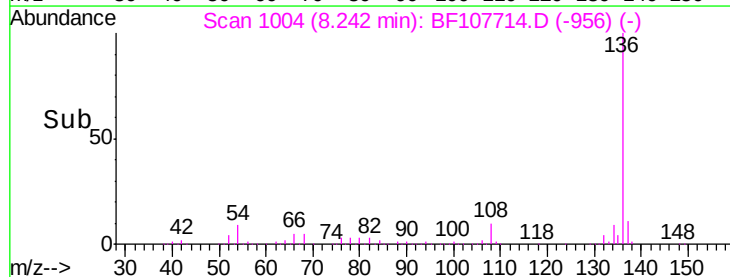
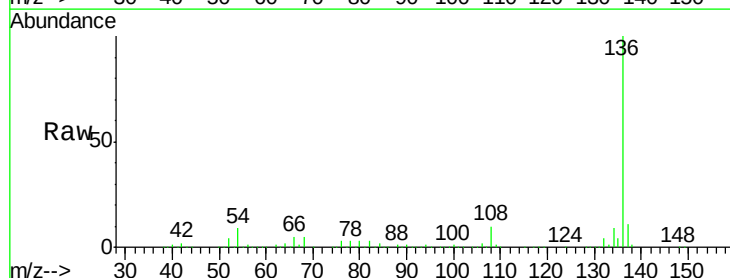
Ion Ratio Lower Upper

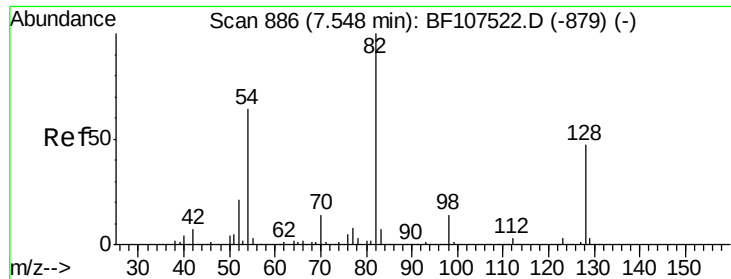
136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 5.2 5.0 7.4





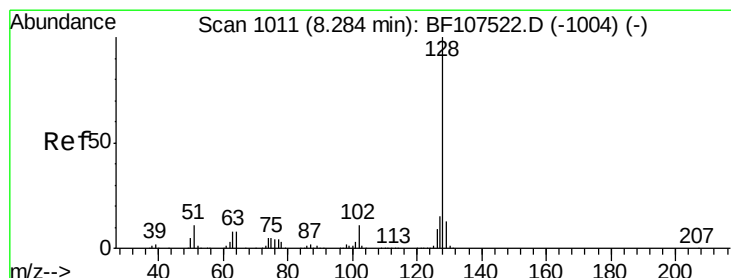
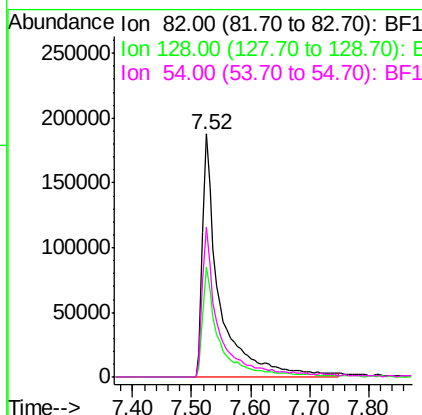
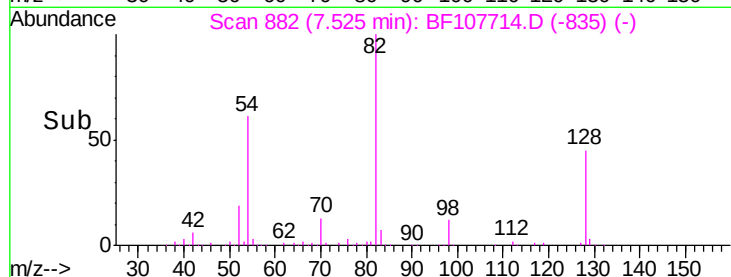
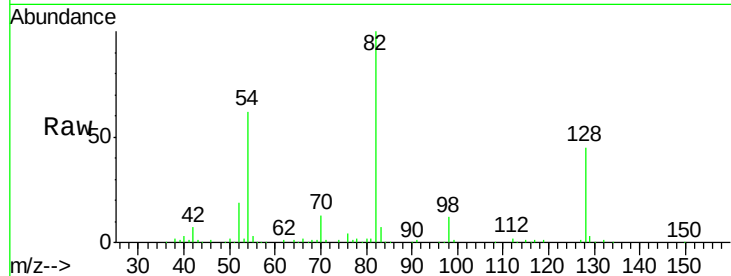
#23
Nitrobenzene-d5
Concen: 34.930 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampled :
SB-11(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	378552		
128	45.4	36.1	54.1	
54	61.8	41.4	62.2	

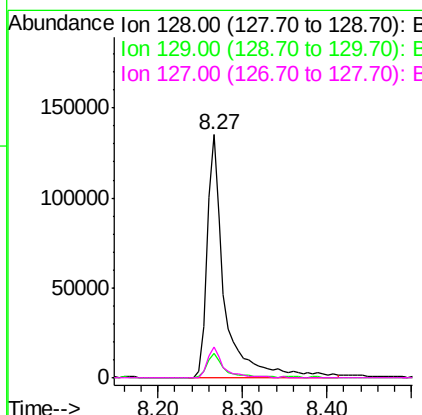
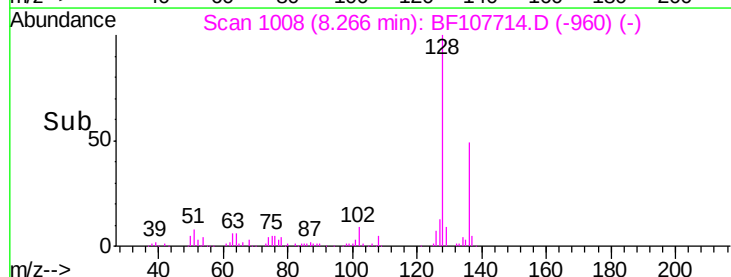
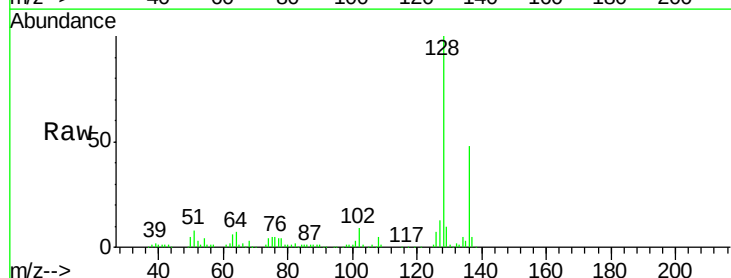
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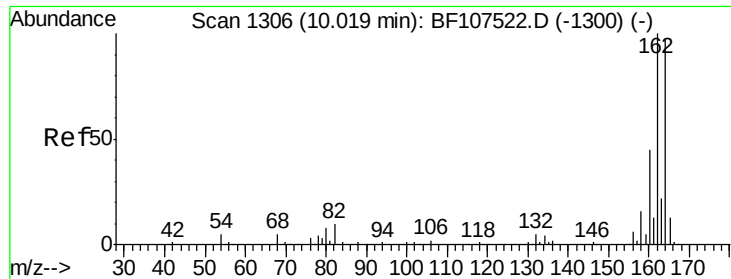
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#31
Naphthalene
Concen: 5.925 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	190580		
129	10.4	8.8	13.2	
127	13.0	10.9	16.3	





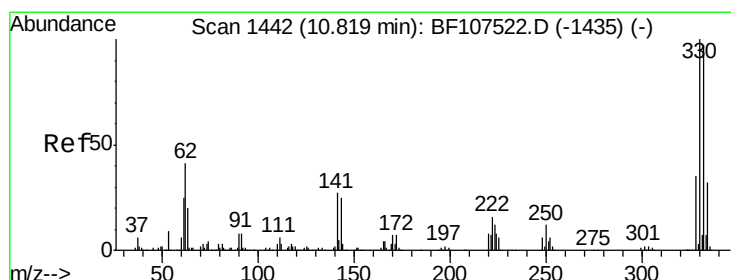
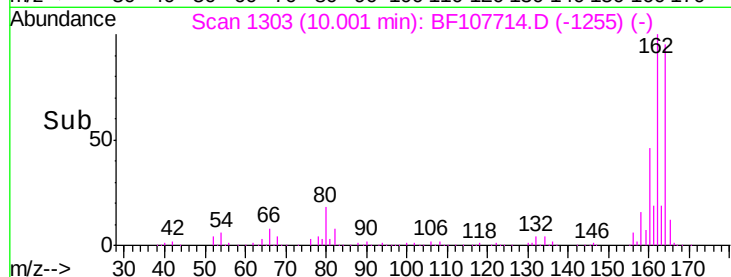
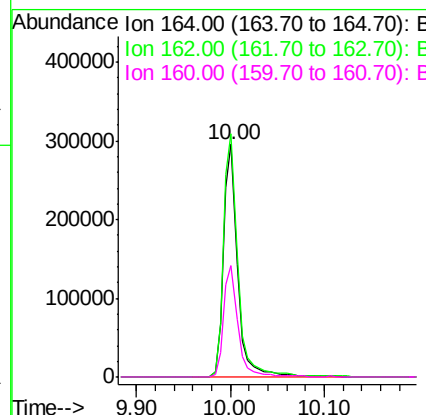
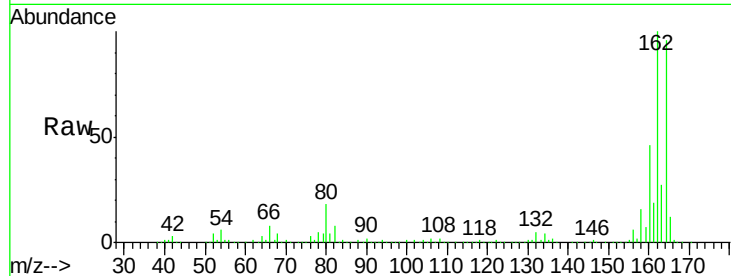
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF107714.D
 Acq: 26 Jul 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.4	316083	86.1	129.1
160	48.2		38.3	57.5

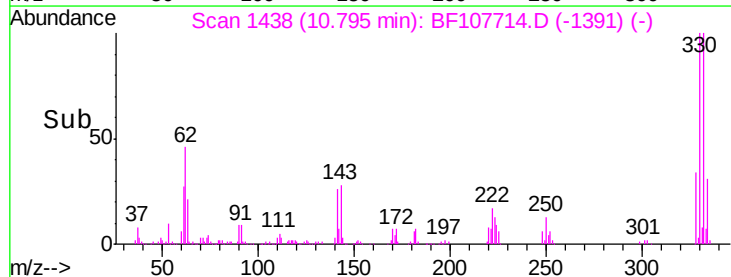
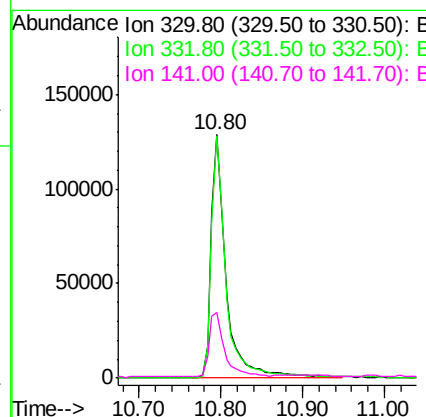
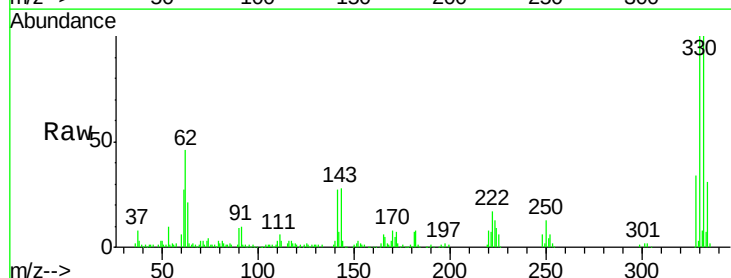
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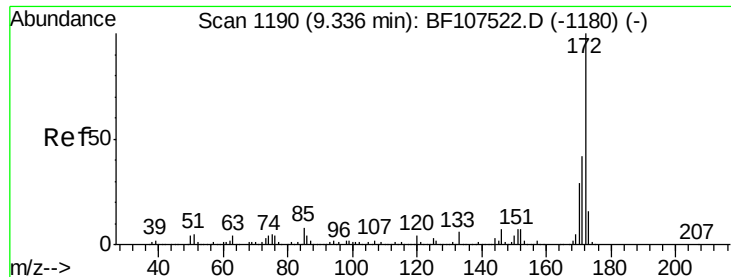
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#41
 2,4,6-Tribromophenol
 Concen: 45.896 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107714.D
 Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	164966		
332	97.2		77.0	115.6
141	27.2		29.9	44.9#





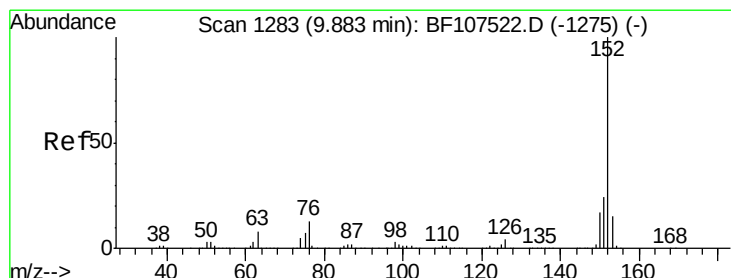
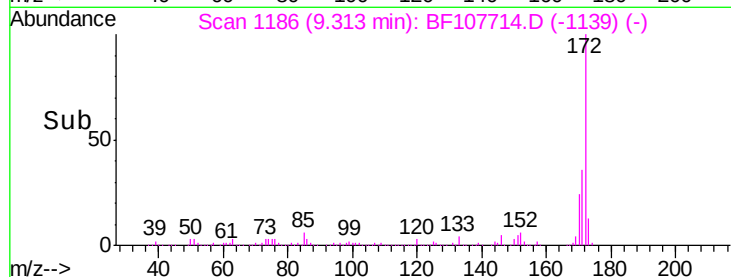
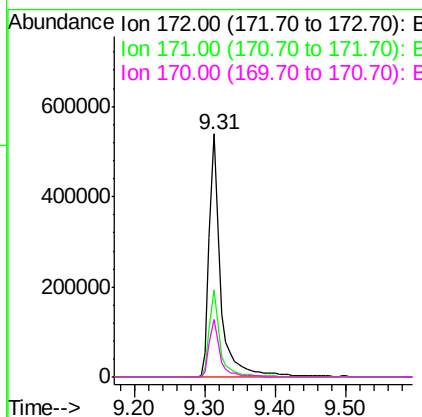
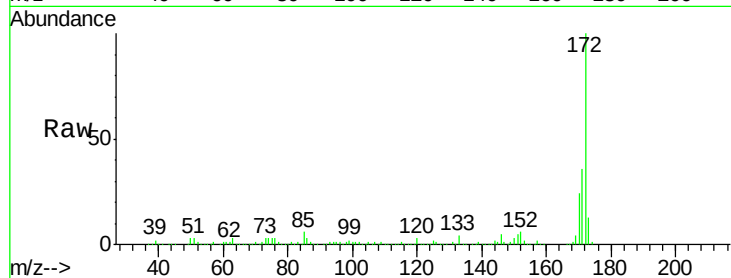
#44
2-Fluorobiphenyl
Concen: 25.972 ng
RT: 9.31 min Scan# 1186
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	617856		
171	35.7	29.7	44.5	
170	23.7	19.6	29.4	

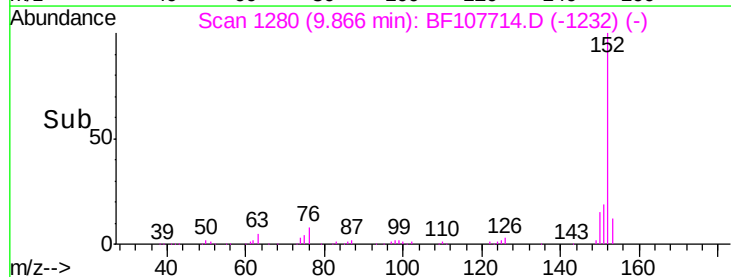
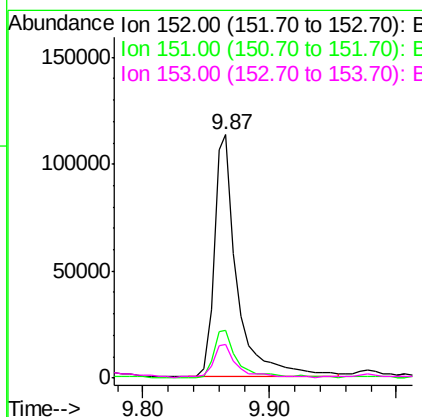
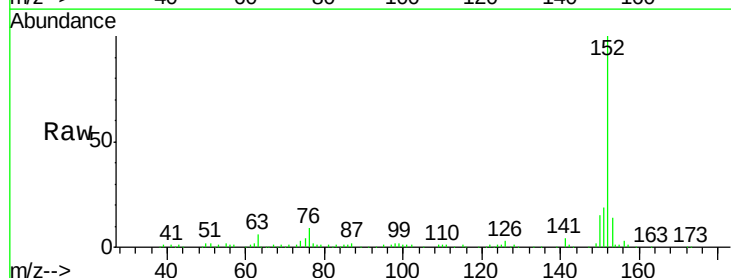
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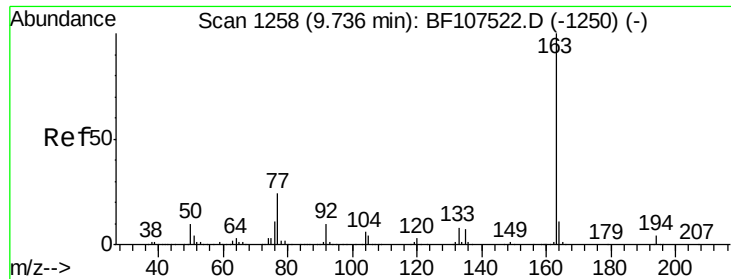
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#48
Acenaphthylene
Concen: 4.499 ng
RT: 9.87 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	142244		
151	19.5	16.3	24.5	
153	13.7	10.7	16.1	





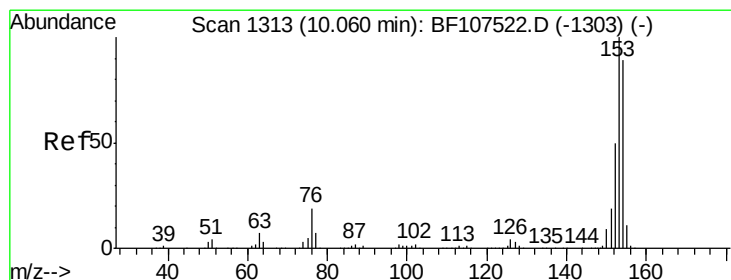
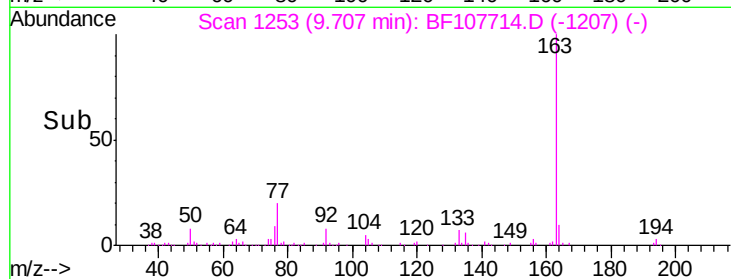
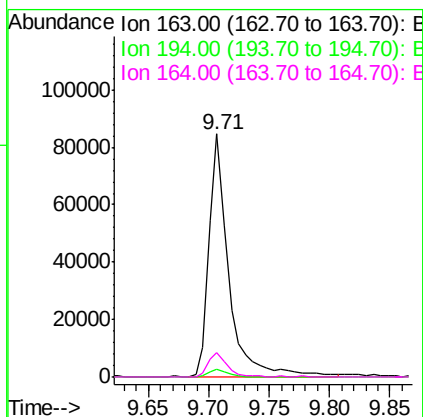
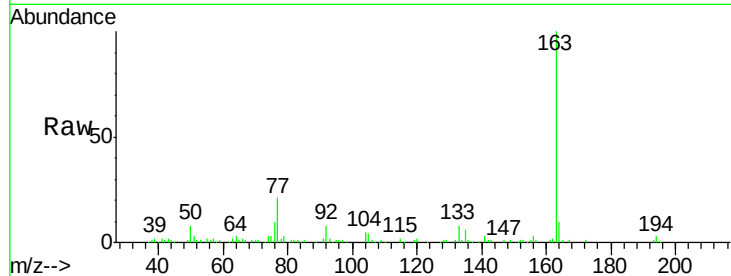
#49
Dimethylphthalate
Concen: 4.074 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.03 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

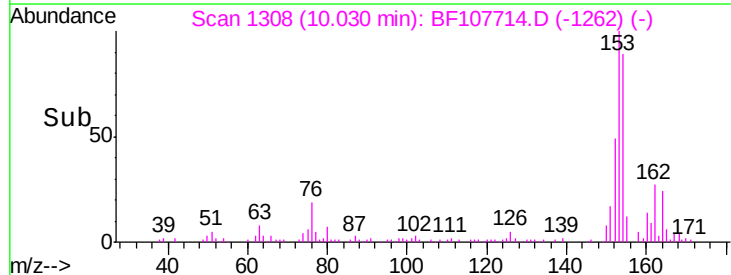
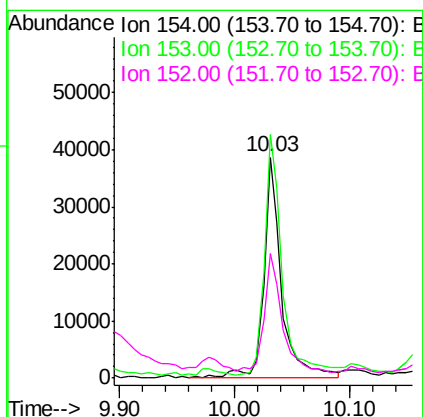
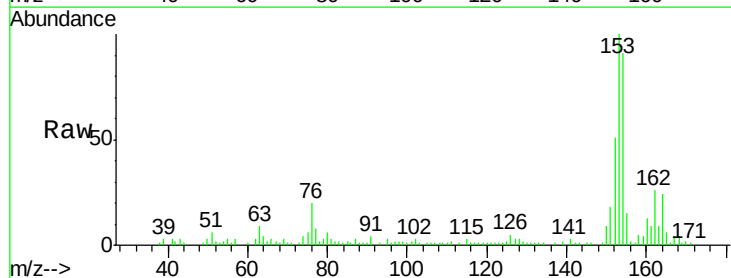
Manual Integrations
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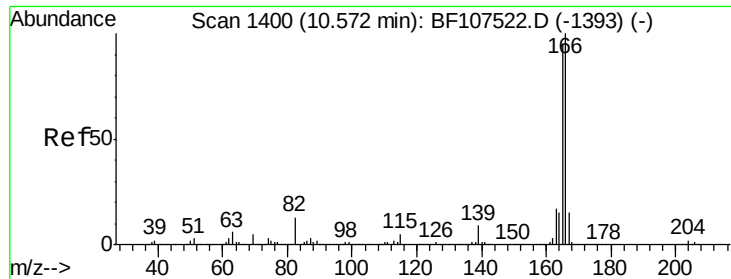
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#51
Acenaphthene
Concen: 2.118 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.03 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	91.2	136.8
152	56.1	43.8	65.8





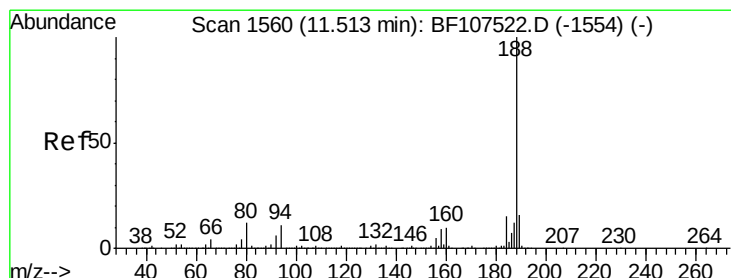
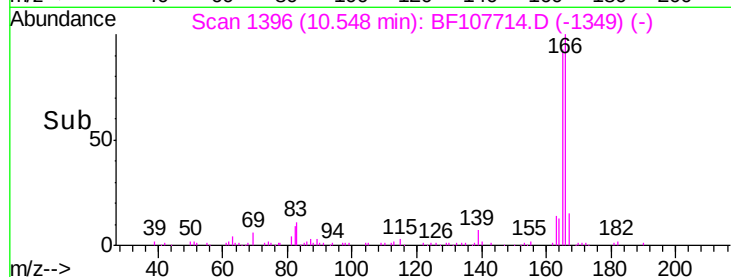
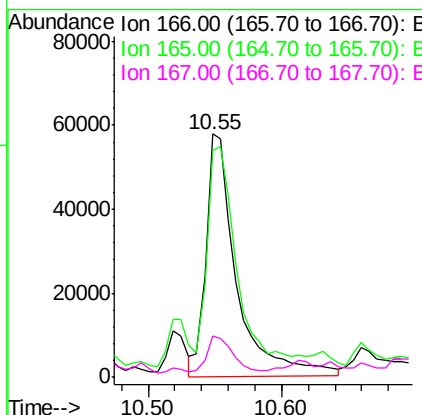
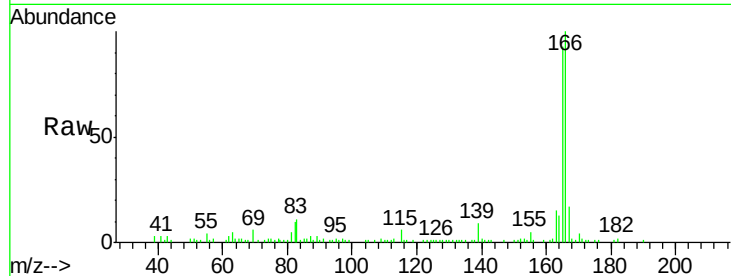
#57
 Fluorene
 Concen: 4.440 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF107714.D
 Acq: 26 Jul 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-11(3-5)

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	92383		
165	93.3	79.8	119.8	
167	16.8	10.6	16.0#	

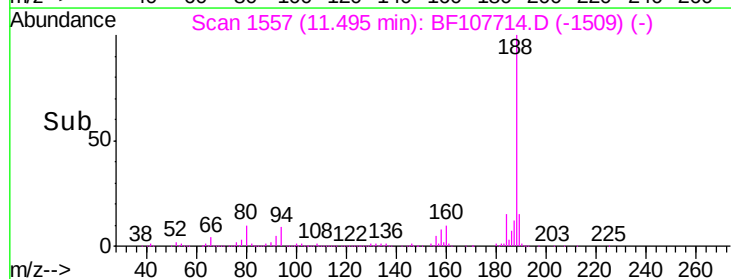
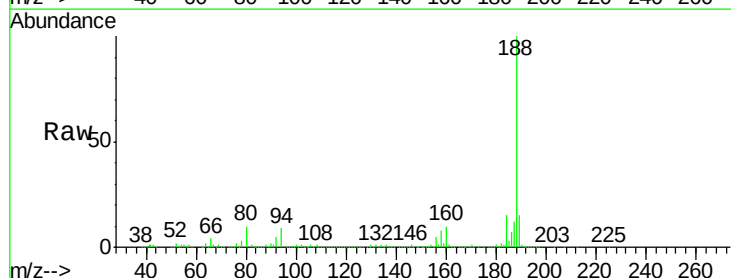
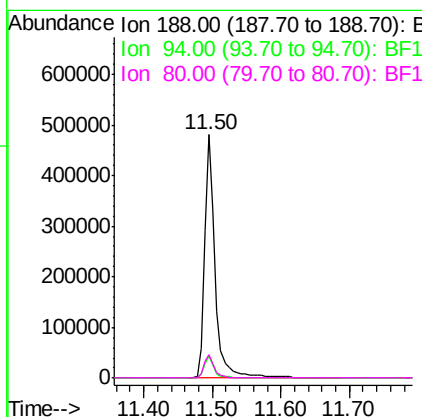
Manual Integrations
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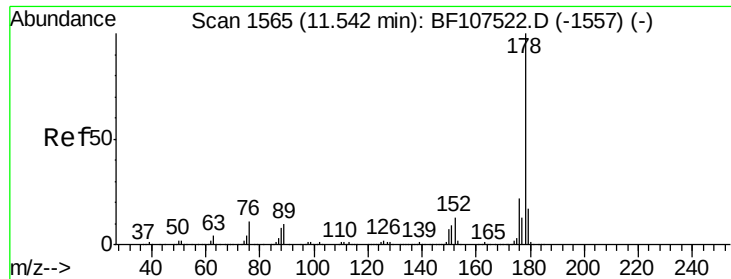
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF107714.D
 Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	531610		
94	9.1	8.5	12.7	
80	9.7	9.2	13.8	





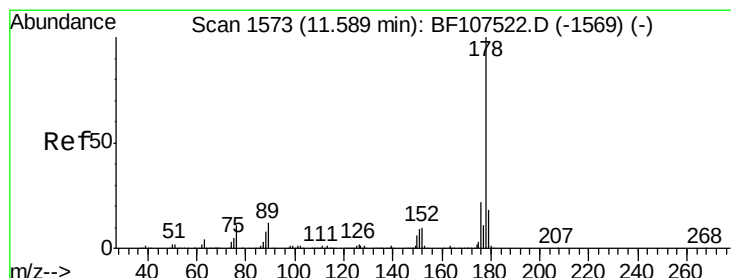
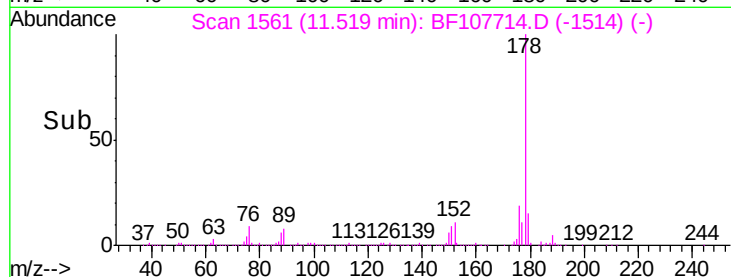
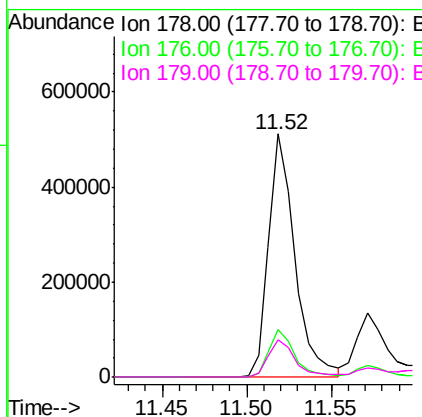
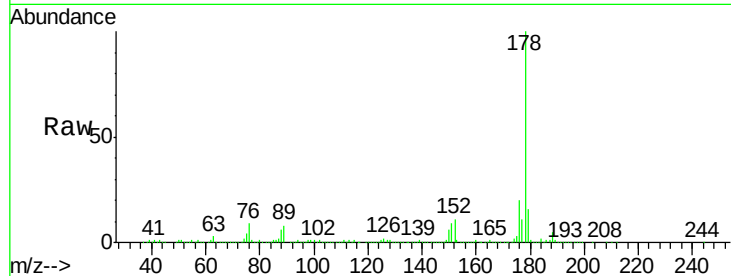
#70
Phenanthrene
Concen: 21.221 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.6	13.0	19.6

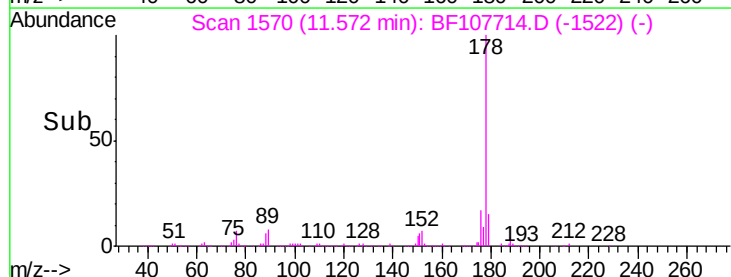
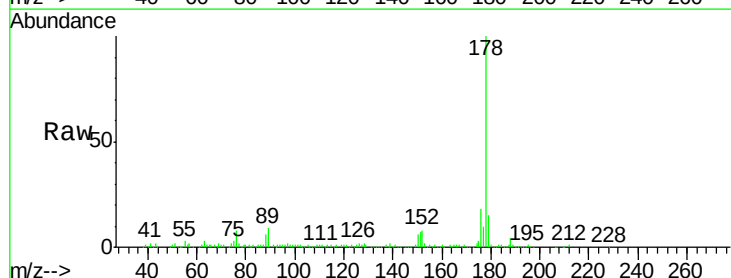
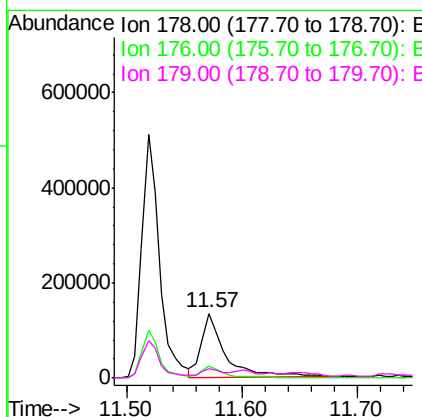
Manual Integrations
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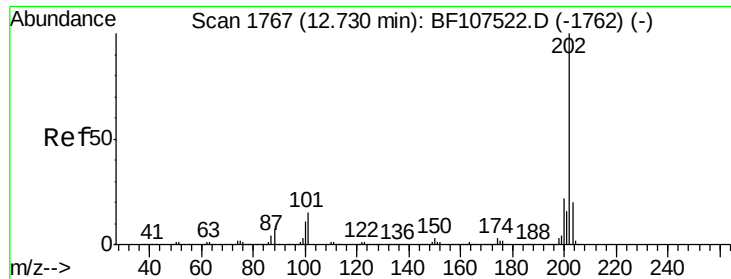
Sohil
7/27/2018 2:54:05 PM



#71
Anthracene
Concen: 7.333 ng
RT: 11.57 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.2
179	15.4	12.6	19.0





#74

Fluoranthene

Concen: 20.084 ng

RT: 12.71 min Scan# 1764

Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_F

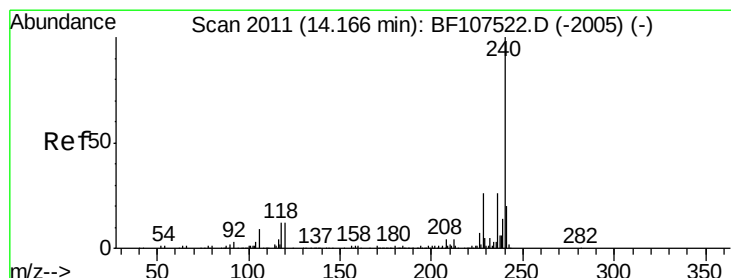
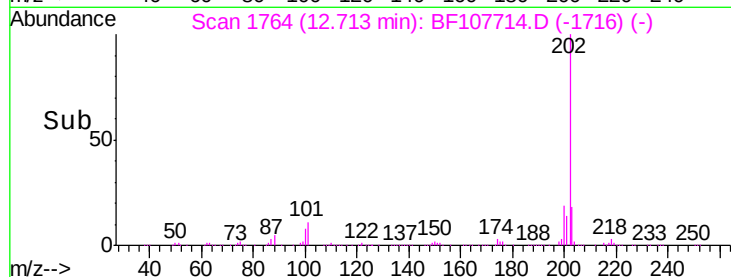
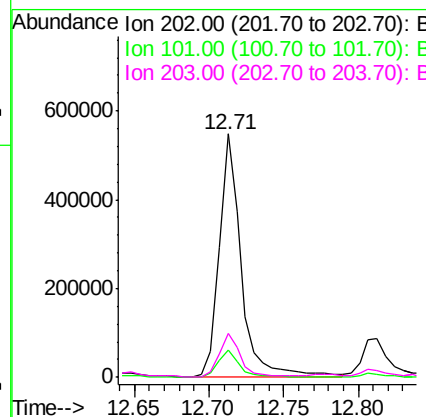
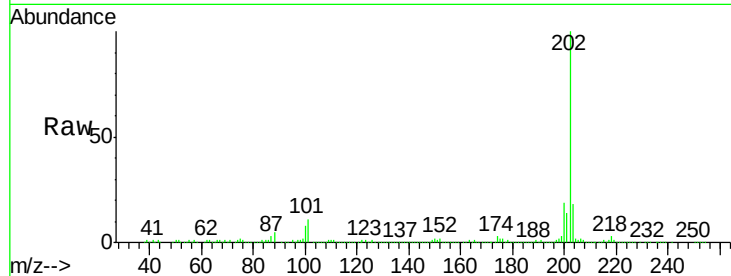
ClientSampleId :

SB-11(3-5)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		558316		
101	11.3	0.0	34.1		
203	18.0	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

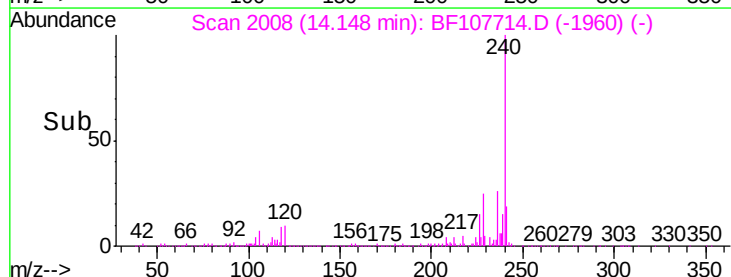
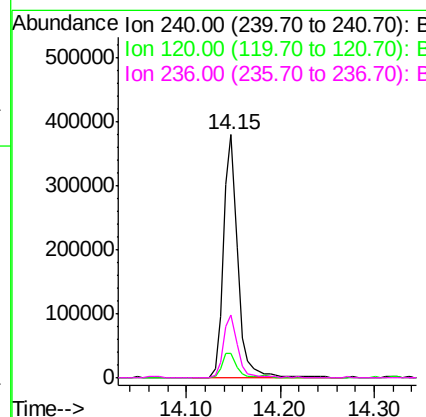
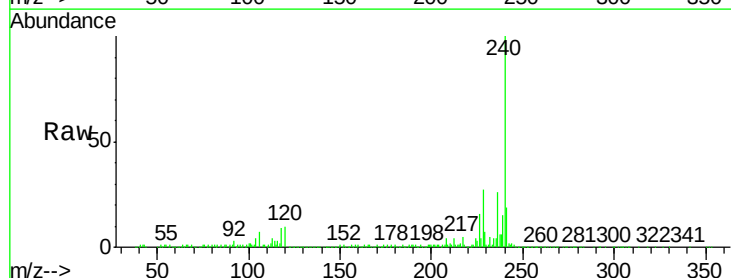
RT: 14.15 min Scan# 2008

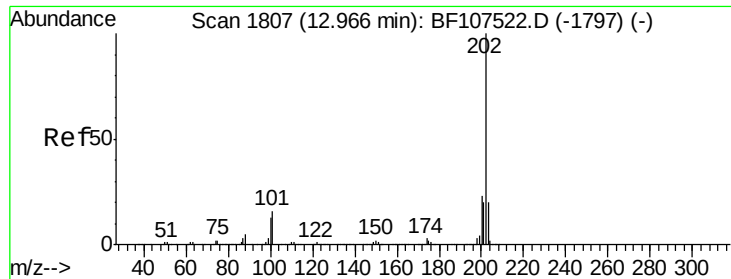
Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		404395		
120	10.2	9.5	14.3		
236	25.9	20.7	31.1		





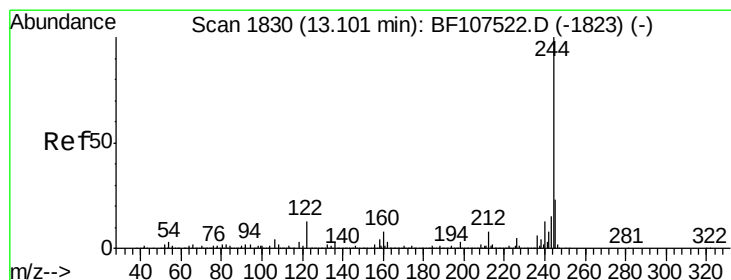
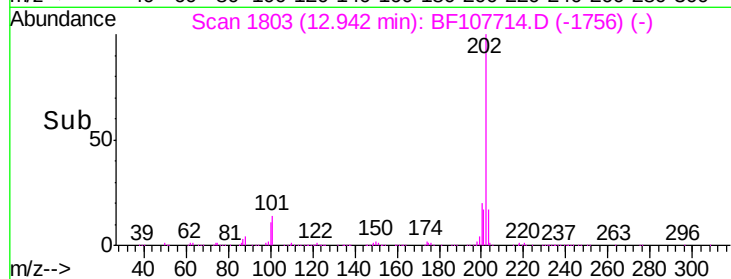
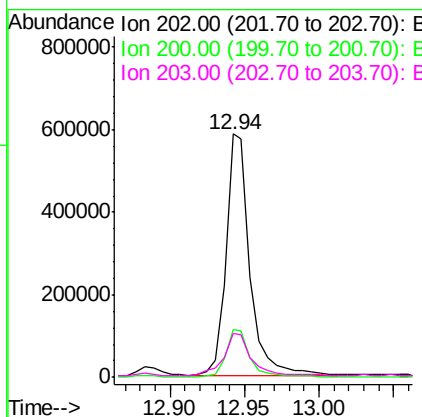
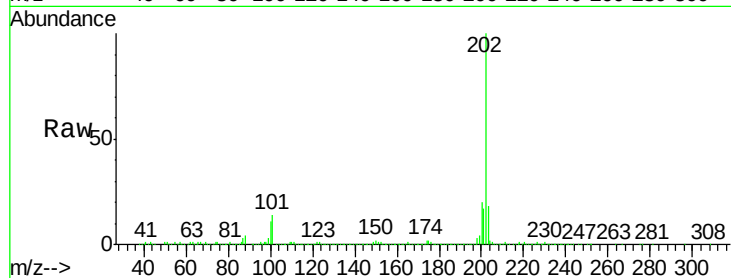
#77
Pyrene
Concen: 24.015 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.9	17.4	26.2
203	17.9	14.3	21.5

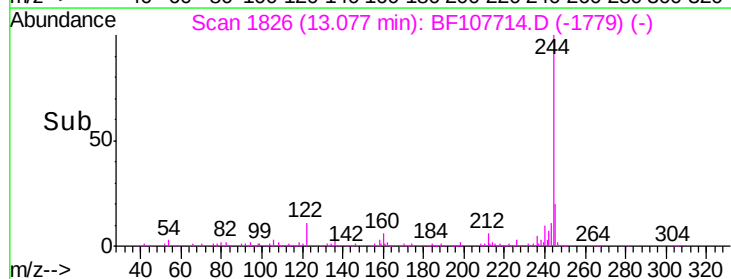
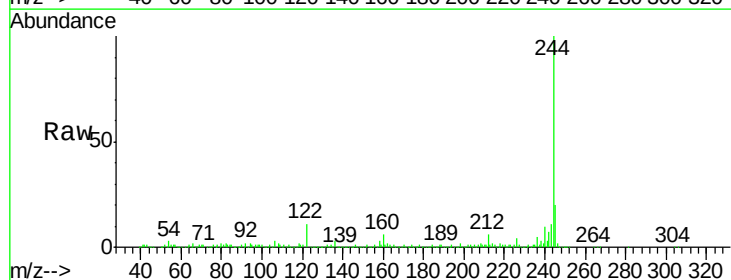
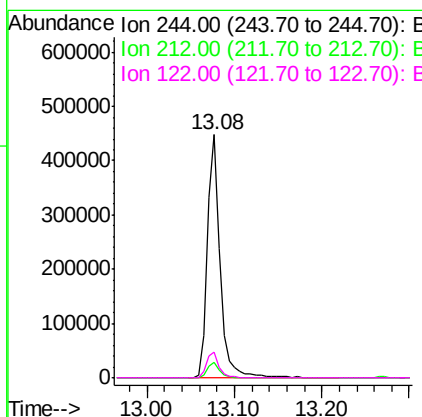
Manual Integrations
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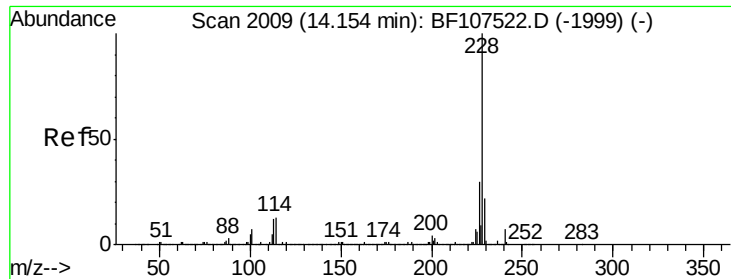
Sohil
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#78
Terphenyl-d14
Concen: 28.988 ng
RT: 13.08 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.5	5.4	8.0
122	10.9	11.0	16.4





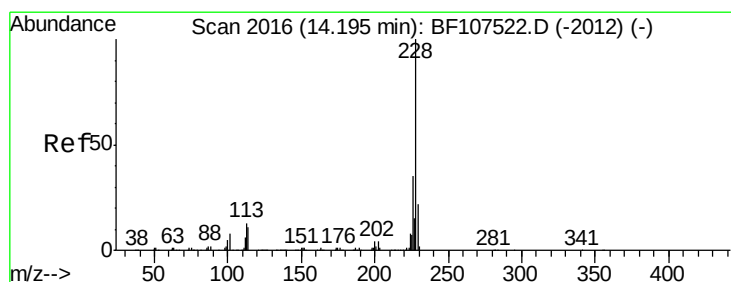
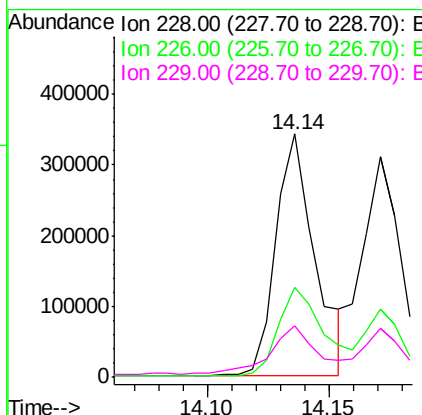
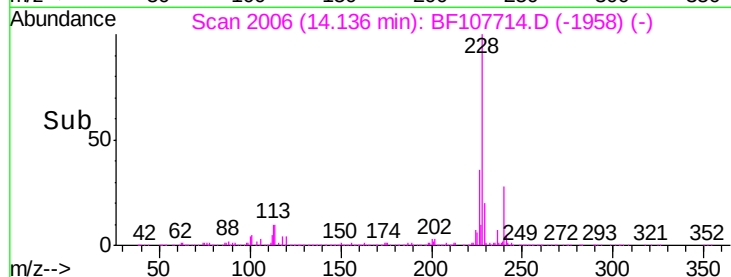
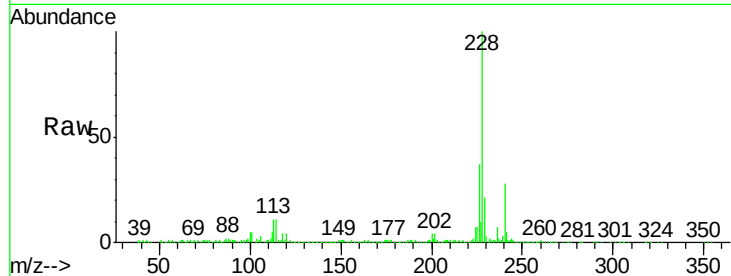
#80
Benzo(a)anthracene
Concen: 16.291 ng m
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.8	22.6	33.8#
229	21.4	15.8	23.6

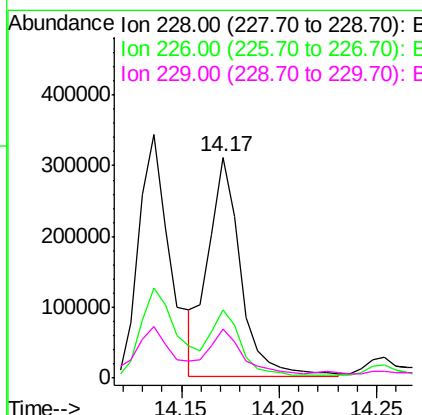
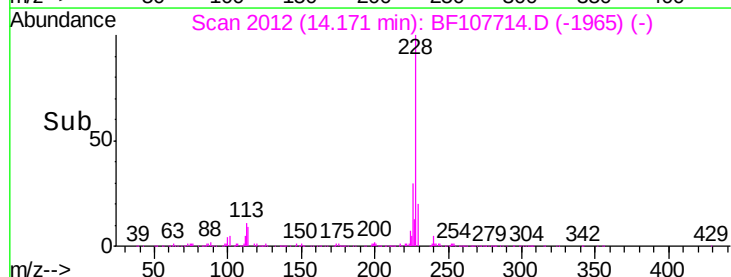
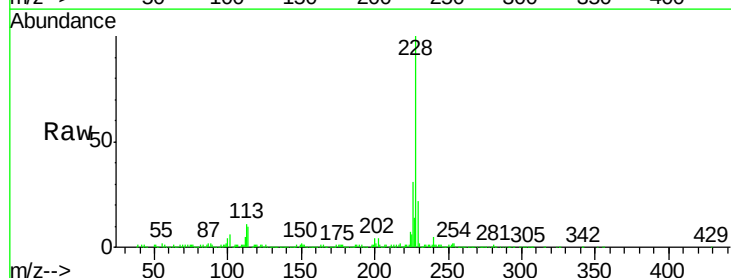
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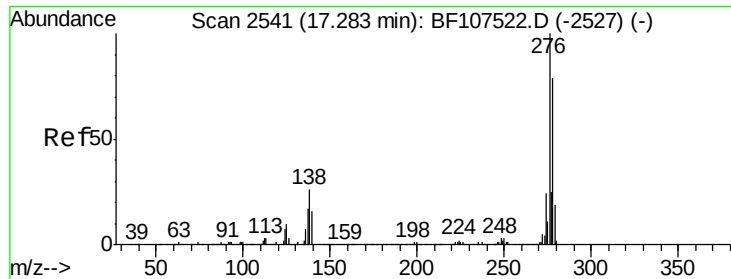
Sohil
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#82
Chrysene
Concen: 15.859 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	22.3	16.2	24.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 7.949 ng

RT: 17.24 min Scan# 2534

Delta R.T. -0.04 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_F

ClientSampleId :

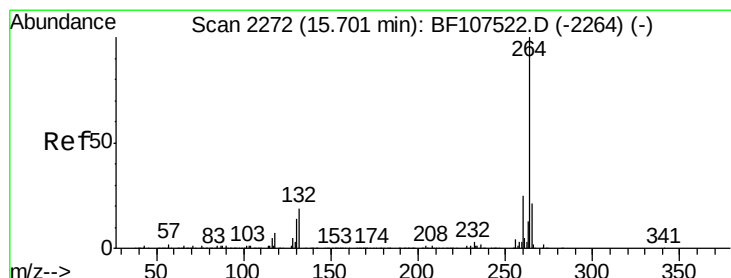
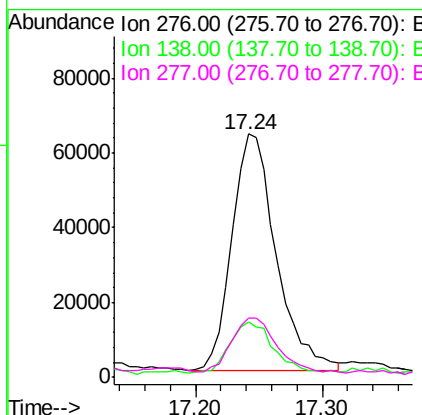
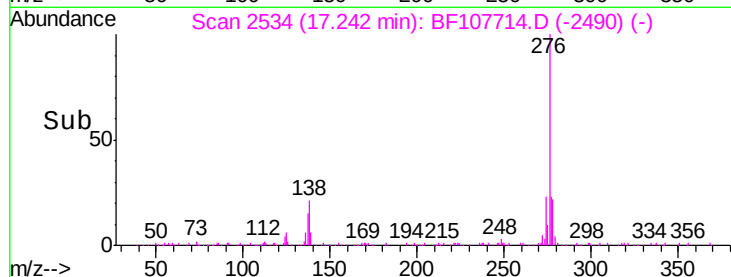
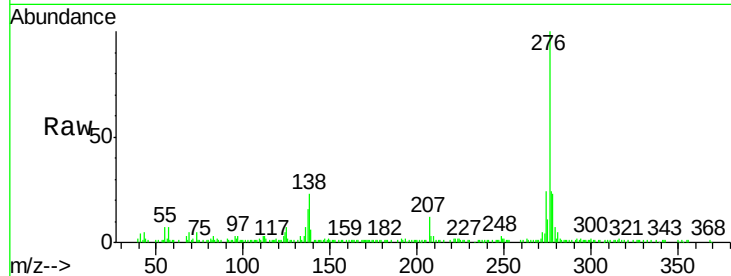
SB-11(3-5)

Tgt Ion:	276	Resp:	153356
Ion Ratio	Lower	Upper	
276	100		
138	21.0	25.0	37.6#
277	24.9	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

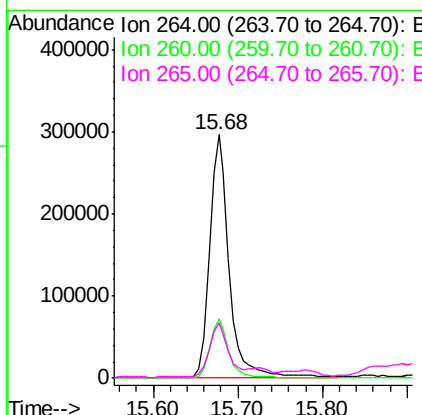
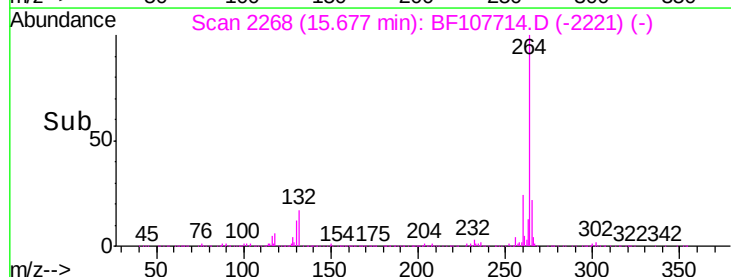
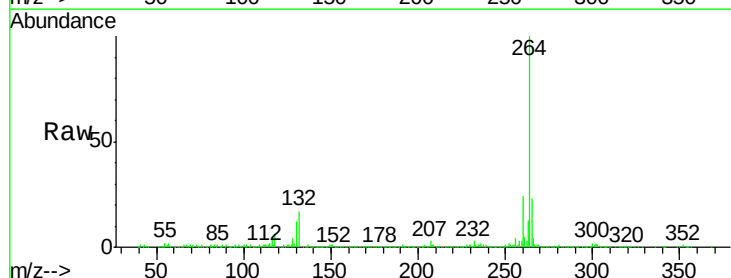
RT: 15.68 min Scan# 2268

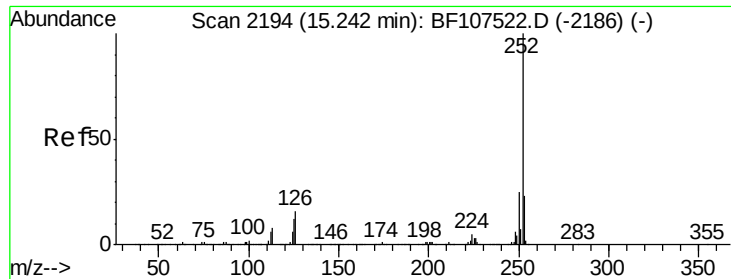
Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Tgt Ion:	264	Resp:	476782
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.6	17.5	26.3





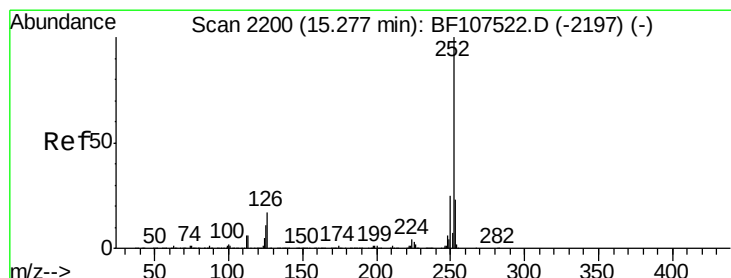
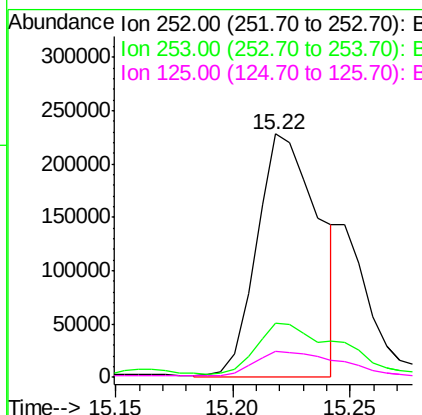
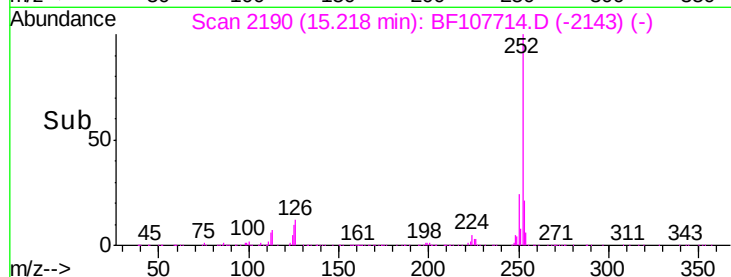
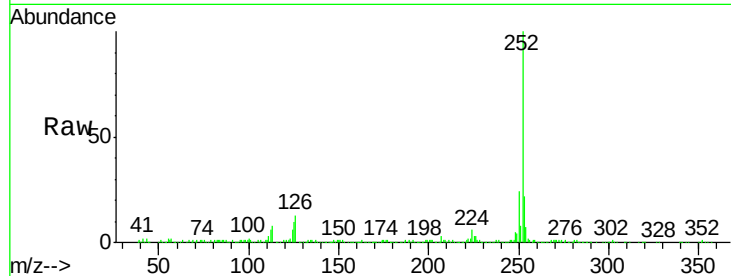
#87
Benzo(b)fluoranthene
Concen: 16.163 ng m
RT: 15.22 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Instrument :
BNA_F
ClientSampleId :
SB-11(3-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.4	9.0	13.6

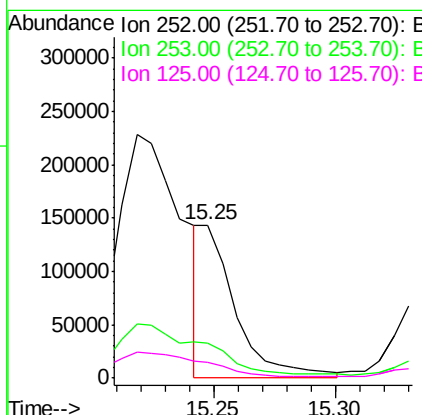
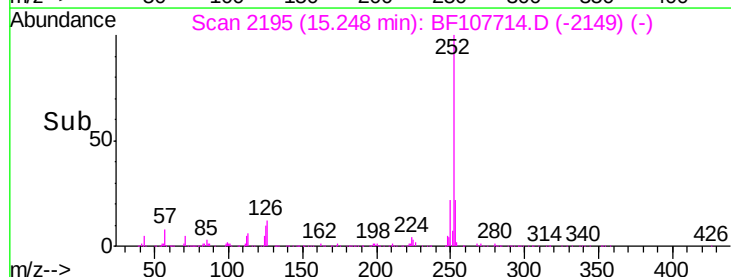
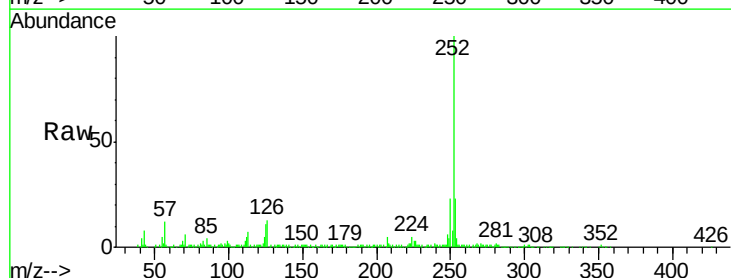
Manual Integrations
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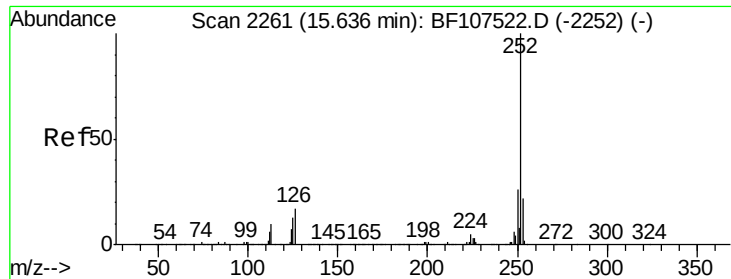
Sohil
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#88
Benzo(k)fluoranthene
Concen: 5.433 ng m
RT: 15.25 min Scan# 2195
Delta R.T. -0.03 min
Lab File: BF107714.D
Acq: 26 Jul 2018 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	10.6	10.2	15.2





#89

Benzo(a)pyrene

Concen: 15.257 ng

RT: 15.61 min Scan# 2257

Delta R.T. -0.02 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Instrument :

BNA_F

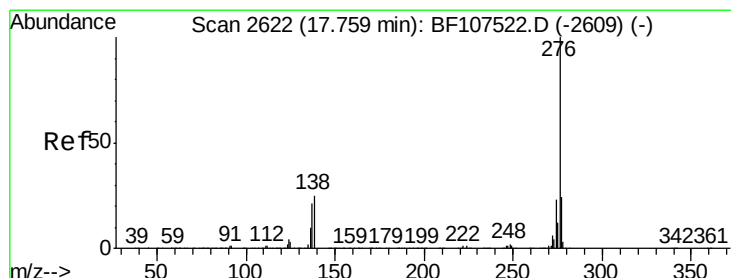
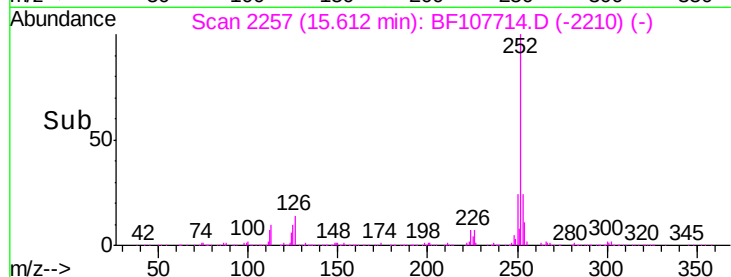
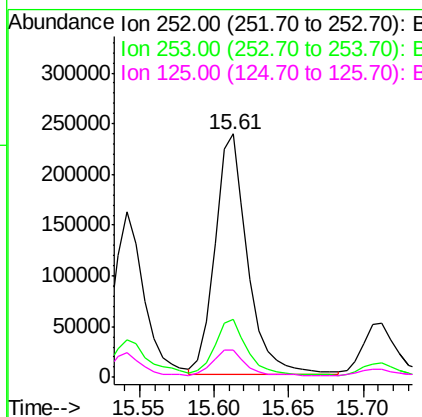
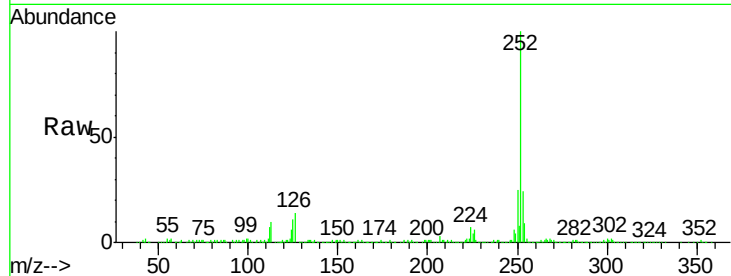
ClientSampleId :

SB-11(3-5)

Tgt Ion:	252	Resp:	364178
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.1	25.7
125	11.2	9.8	14.6

Manual Integrations
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Sohil
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#91

Benzo(g,h,i)perylene

Concen: 7.179 ng

RT: 17.72 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF107714.D

Acq: 26 Jul 2018 21:48

Tgt Ion:	276	Resp:	146109
Ion Ratio	Lower	Upper	
276	100		
277	25.4	17.9	26.9
138	24.0	21.8	32.8

