

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107951.D
 Acq On : 3 Aug 2018 21:22
 Operator : JU/SJ
 Sample : J4318-09 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-4

Manual Integrations
 APPROVED

Sohil
 8/6/2018 5:05:48 PM

Quant Time: Aug 04 01:35:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90462	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	496712	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	210273	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	355978	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	324642	20.00	ng	-0.01
86) Perylene-d12	15.67	264	333173	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	13655m	2.57	ng	0.26
7) Phenol-d6	6.74	99	45917m	6.55	ng	0.14
23) Nitrobenzene-d5	7.64	82	34039m	3.95	ng	0.10
41) 2,4,6-Tribromophenol	10.80	330	15655	5.48	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	86889	5.76	ng	-0.01
78) Terphenyl-d14	13.07	244	80621	5.39	ng	-0.01
Target Compounds						
70) Phenanthrene	11.51	178	39652	2.346	ng	96
74) Fluoranthene	12.71	202	153516	7.731	ng	96
77) Pyrene	12.94	202	119510	5.112	ng	98
80) Benzo(a)anthracene	14.13	228	83765m	4.555	ng	
82) Chrysene	14.17	228	74888	3.776	ng	97
83) Bis(2-ethylhexyl)phthalate	14.08	149	104628	8.130	ng	97
87) Benzo(b)fluoranthene	15.22	252	79864m	4.860	ng	
88) Benzo(k)fluoranthene	15.24	252	55459m	2.749	ng	
89) Benzo(a)pyrene	15.61	252	59723	3.521	ng	96

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

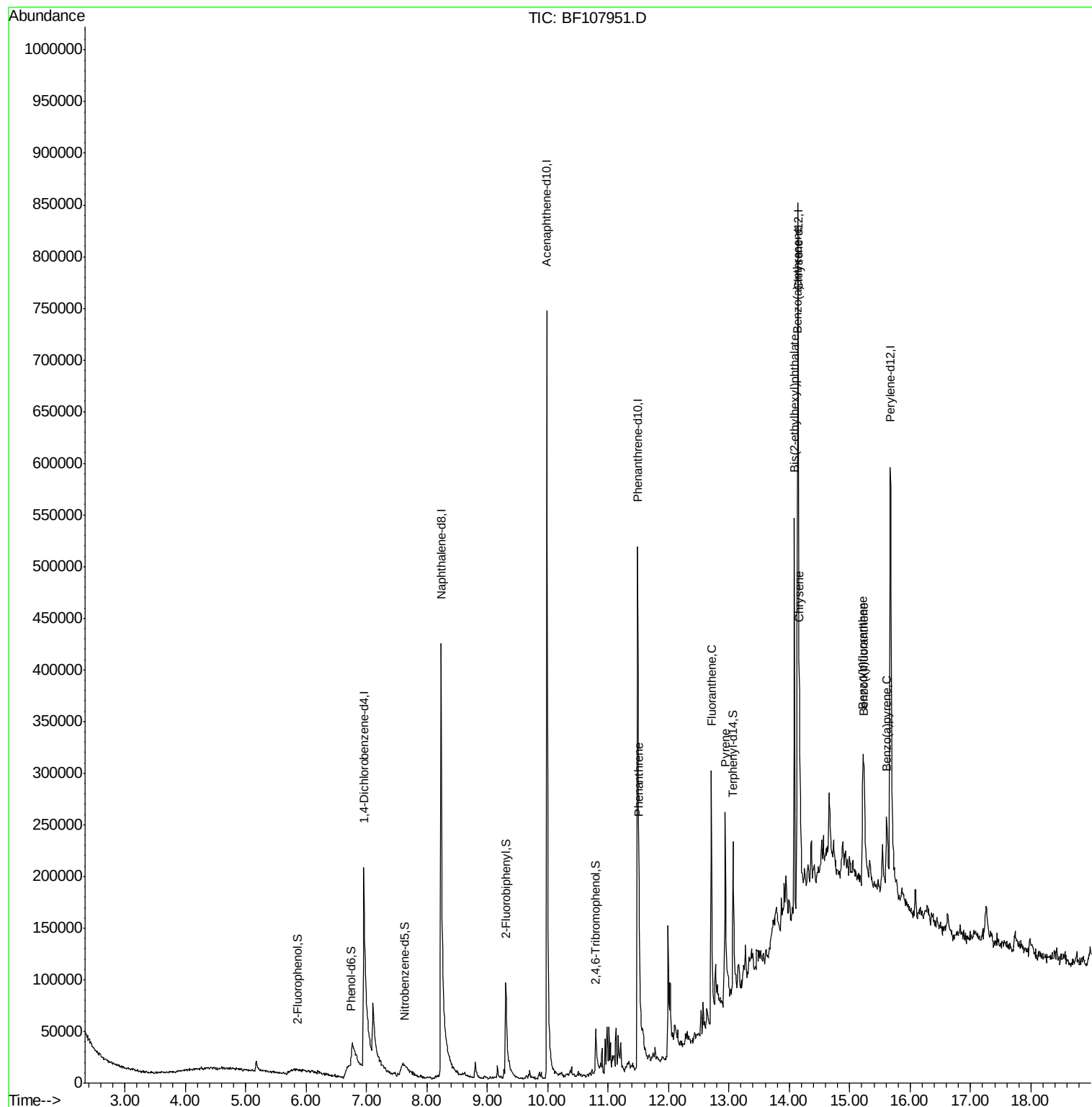
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107951.D
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Operator : JU/SJ
Sample : J4318-09 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

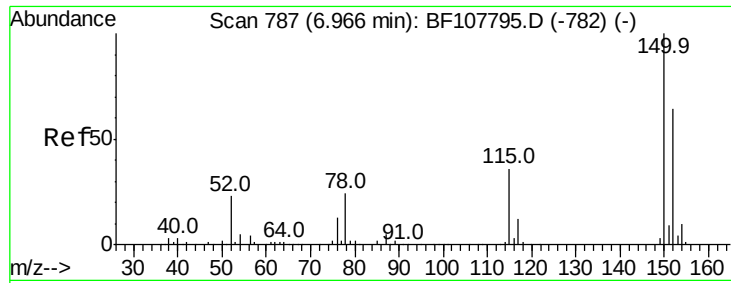
Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-4

Manual Integrations
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8/6/2018 5:05:48 PM

Quant Time: Aug 04 01:35:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

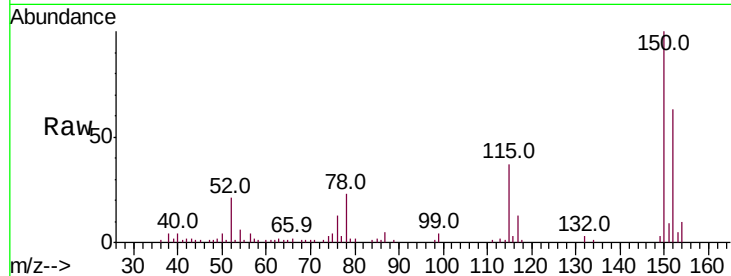
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.2	50.1	75.1

Manual Integrations
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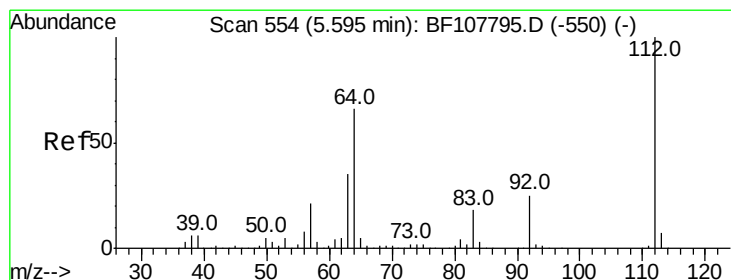
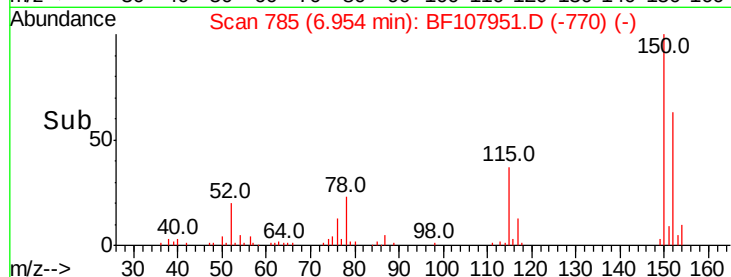
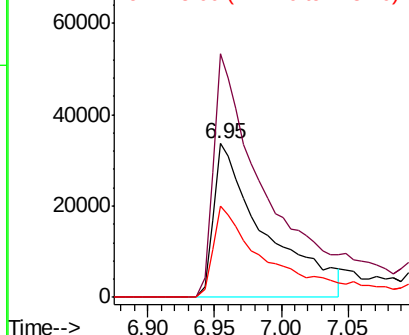


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

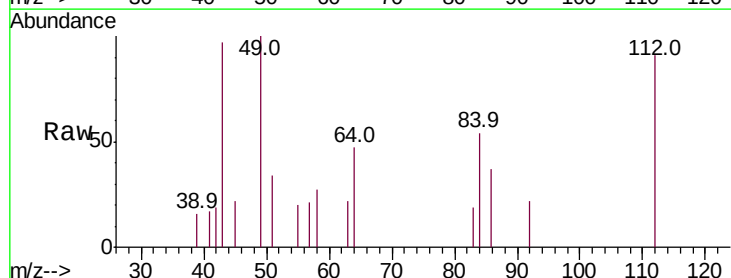
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.565 ng m
RT: 5.85 min Scan# 598
Delta R.T. 0.26 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.4	47.9	71.9
63	24.5	23.7	35.5

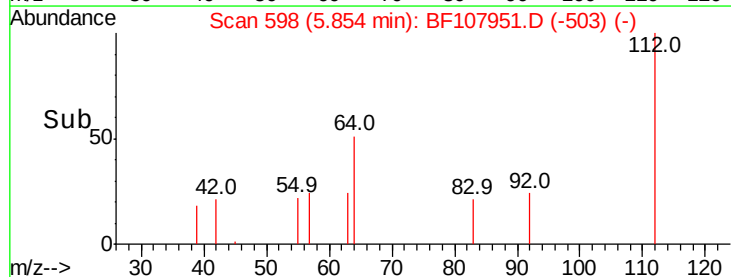
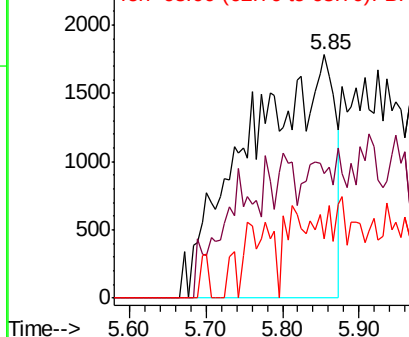


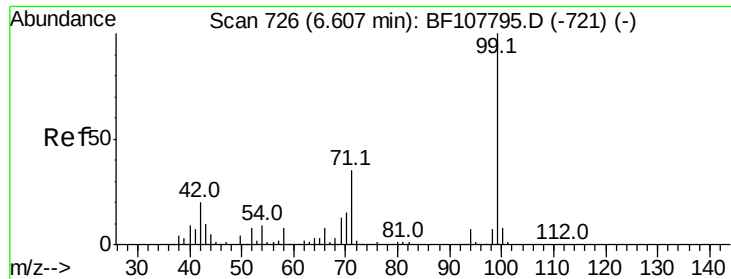
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

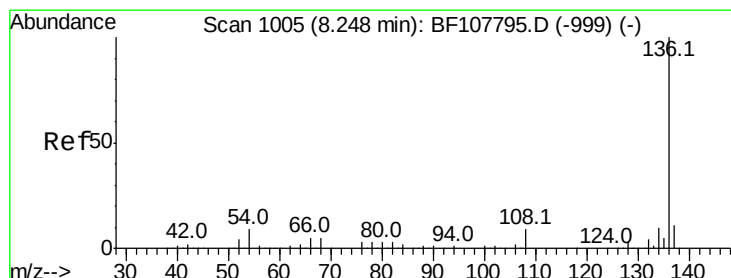
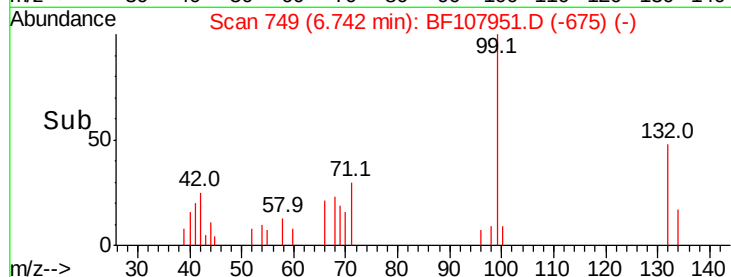
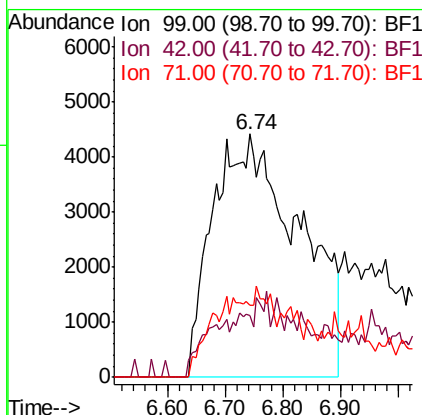
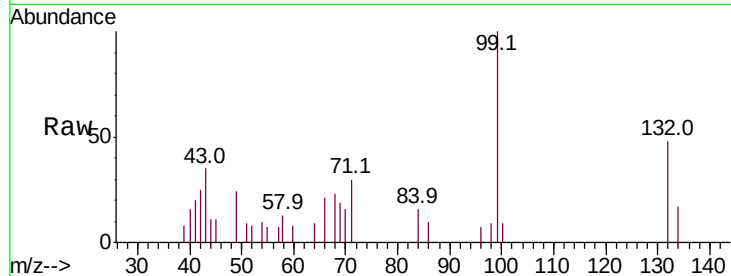
Concen: 6.546 ng/ml
 RT: 6.74 min Scan# 749
 Delta R.T. 0.14 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Lower	Upper
99	100		
42	25.3	14.5	21.7#
71	29.5	25.4	38.0

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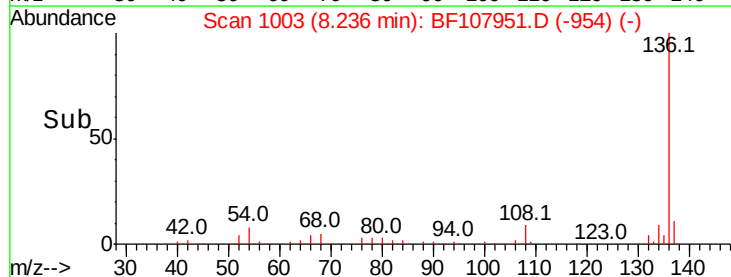
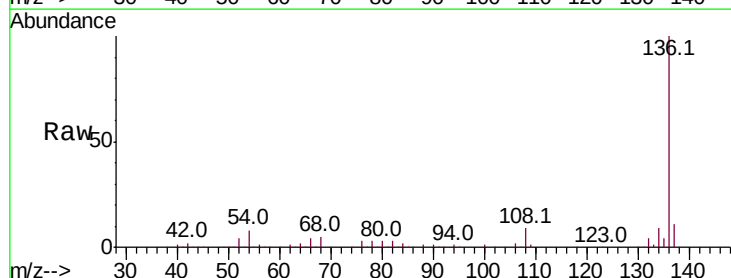
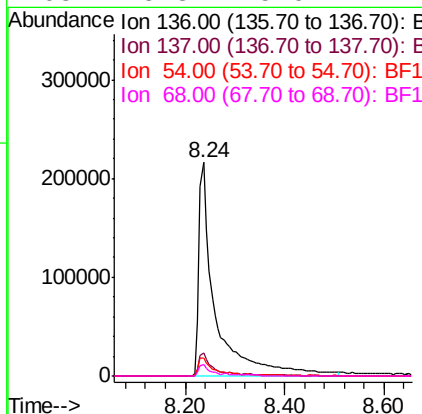


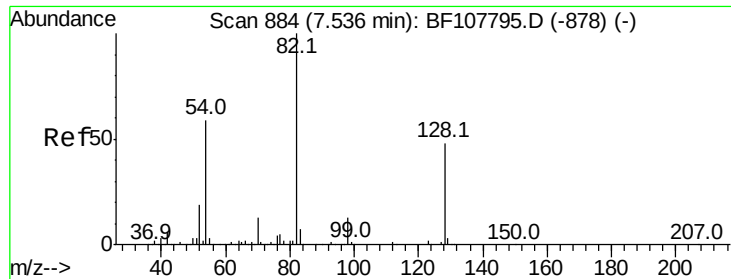
#21

Naphthalene-d8

Concen: 20.000 ng
 RT: 8.24 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.4	6.6	9.8
68	5.3	5.0	7.4





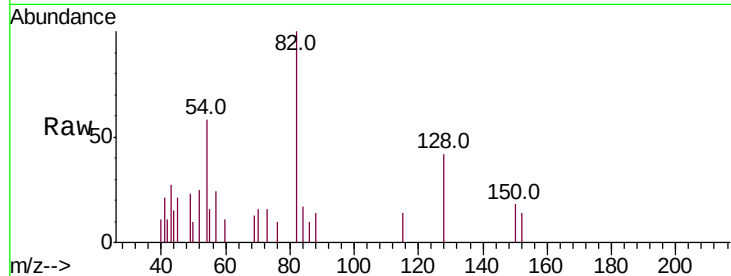
#23
 Nitrobenzene-d5
 Concen: 3.948 ng/ml
 RT: 7.64 min Scan# 901
 Delta R.T. 0.10 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-4

Tot Ion	82	Resp	34039
Ion Ratio	100	Lower	Upper
128	42.5	36.1	54.1
54	57.6	41.4	62.2

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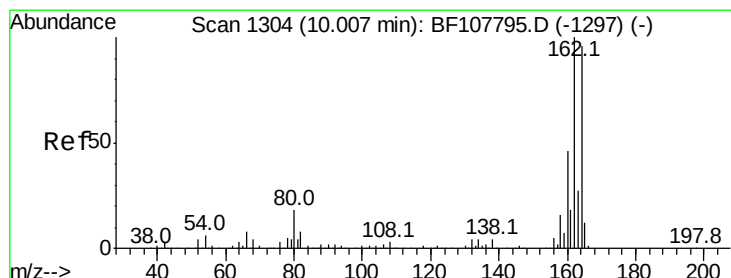
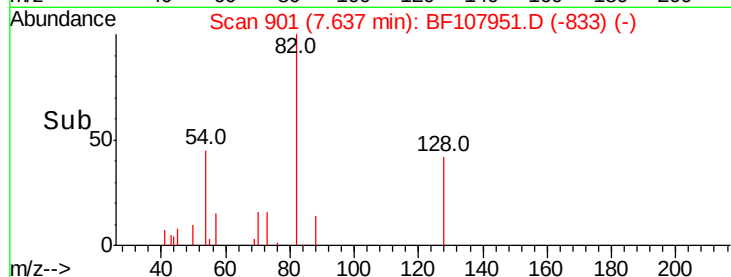
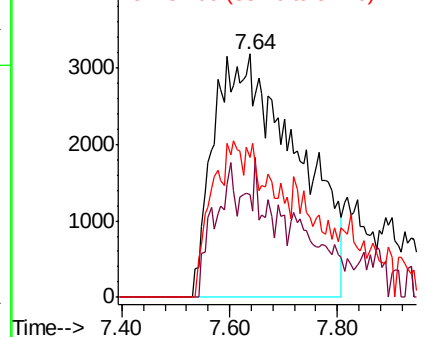


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

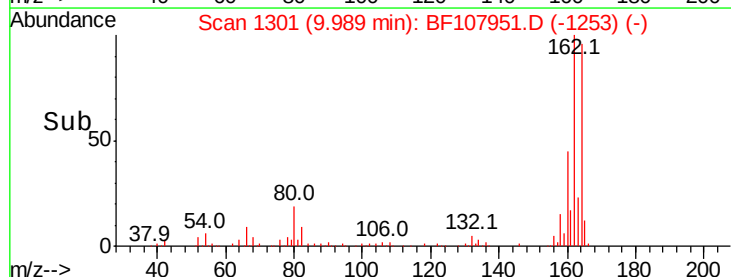
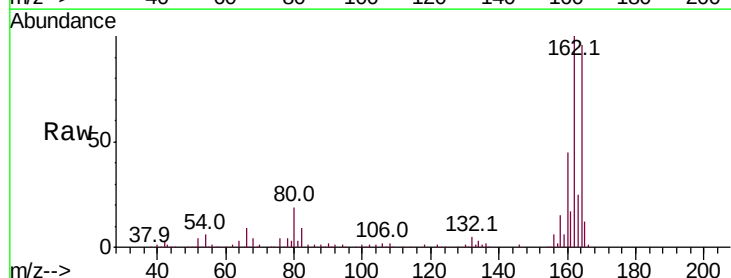
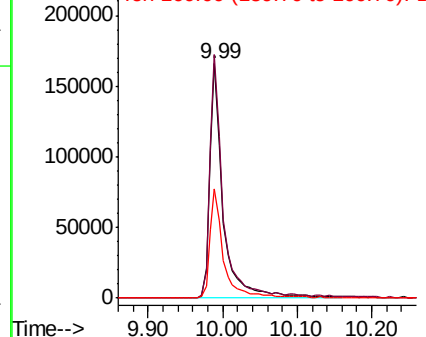
Tgt Ion	164	Resp	210273
Ion Ratio	100	Lower	Upper
162	104.0	86.1	129.1
160	46.5	38.3	57.5

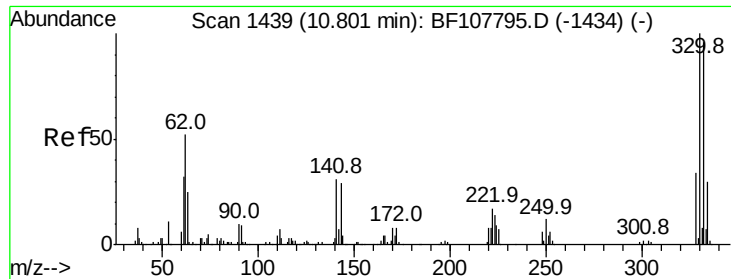
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 5.479 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Instrument :

BNA_F

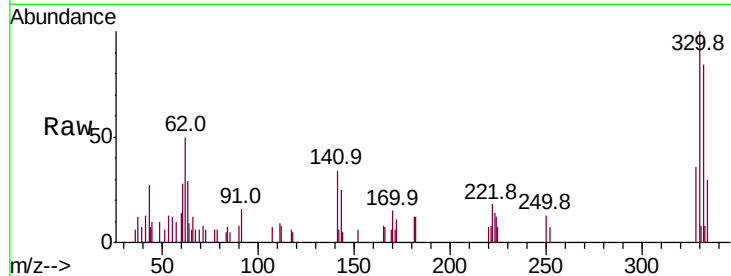
ClientSampleId :

BEEBEE-SITE-DEMO-4

Tot Ion:	330	Resp:	15655
Ion Ratio	Lower	Upper	
330	100		
332	81.2	77.0	115.6
141	28.2	29.9	44.9#

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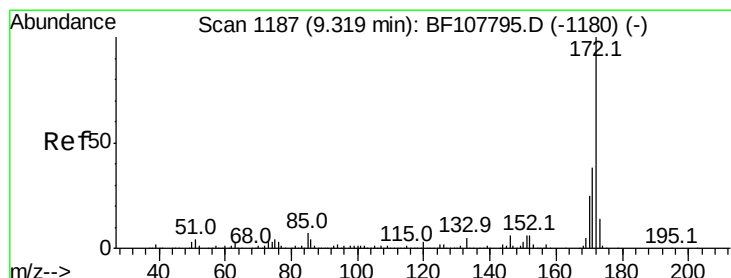
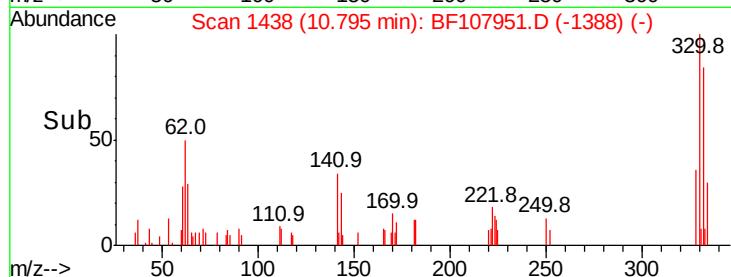
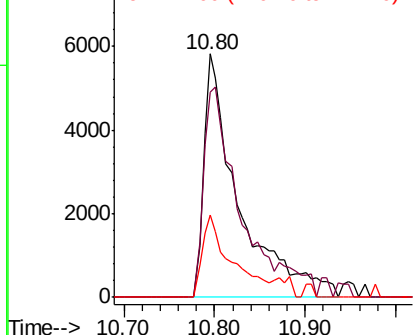


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 5.758 ng

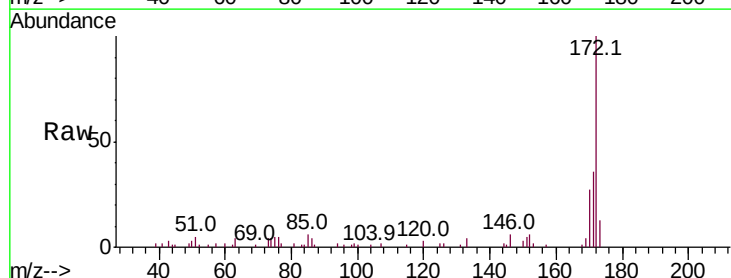
RT: 9.31 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Tgt Ion:	172	Resp:	86889
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	27.2	19.6	29.4

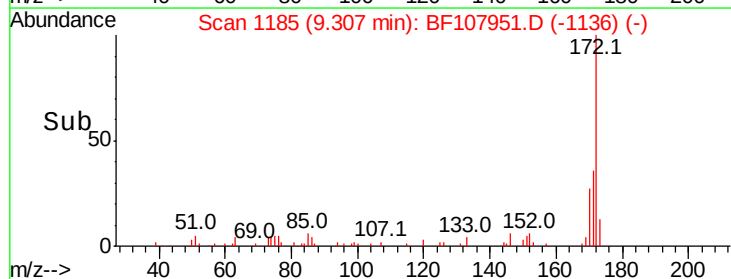
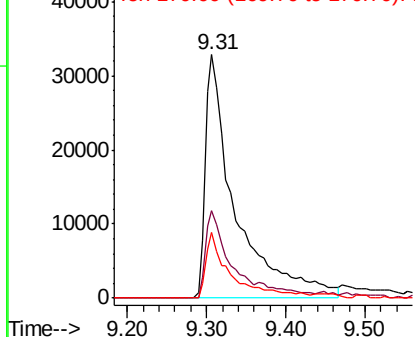


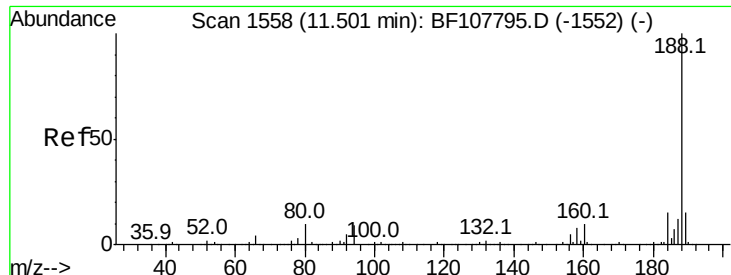
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





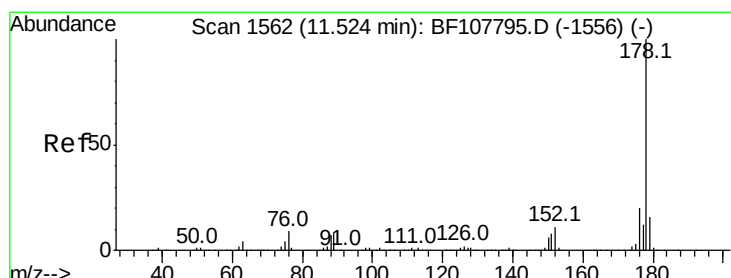
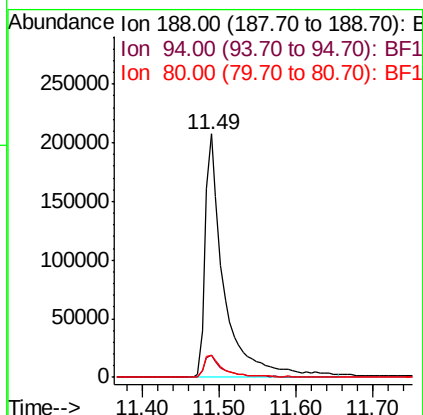
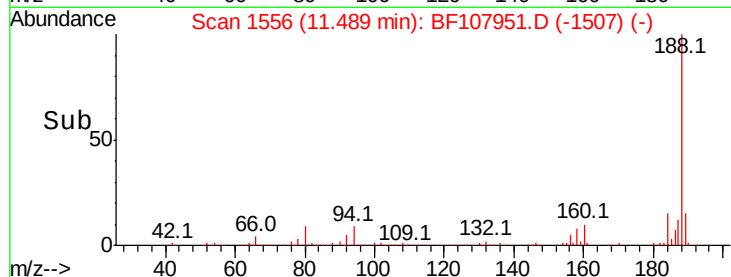
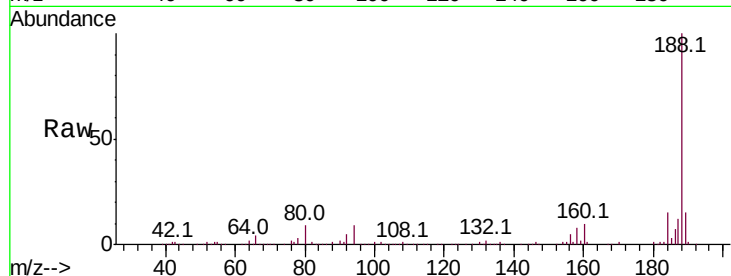
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-4

Tot Ion:	188	Resp:	355978
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.5	12.7
80	9.3	9.2	13.8

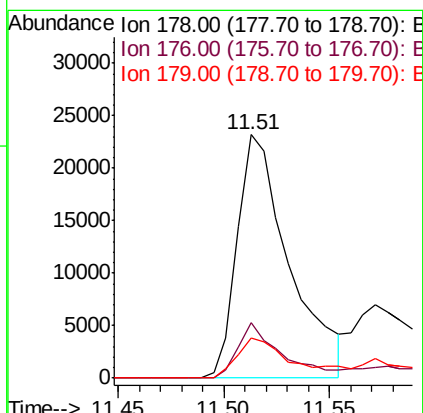
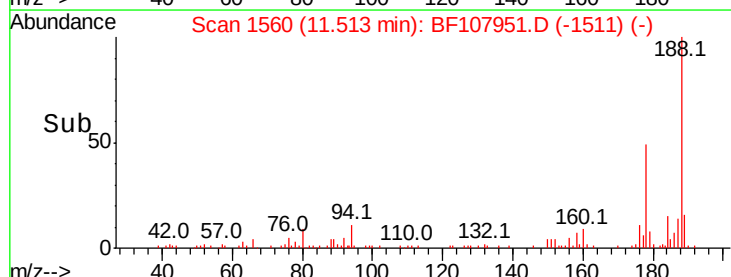
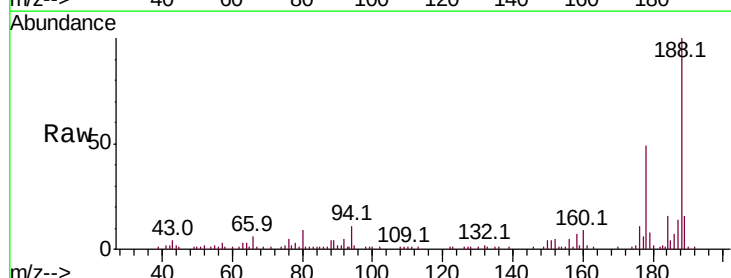
Manual Integrations
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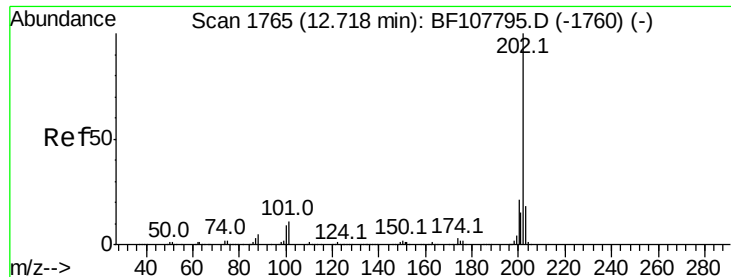
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 8/6/2018 5:05:48 PM



#70
 Phenanthrene
 Concen: 2.346 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Tgt Ion:	178	Resp:	39652
Ion Ratio	Lower	Upper	
178	100		
176	22.8	15.8	23.8
179	16.4	13.0	19.6





#74

Fluoranthene

Concen: 7.731 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Instrument :

BNA_F

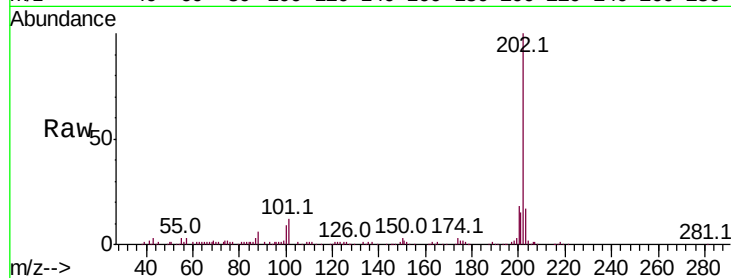
ClientSampleId :

BEEBEE-SITE-DEMO-4

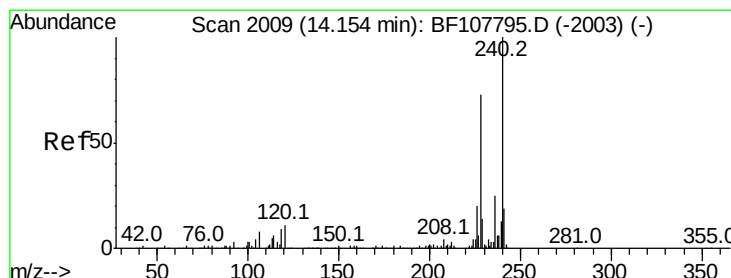
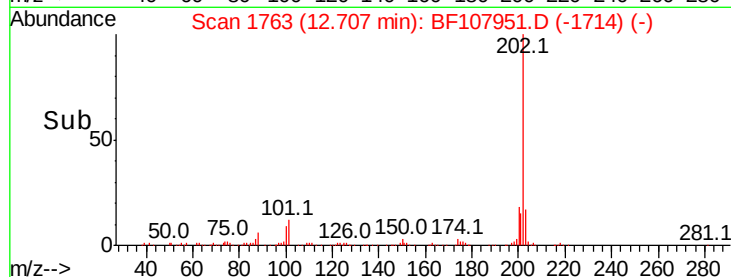
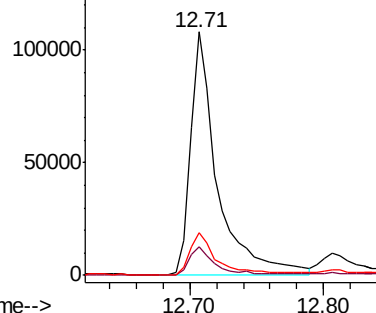
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		153516		
101	11.5	0.0	34.1		
203	17.3	0.0	38.1		

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

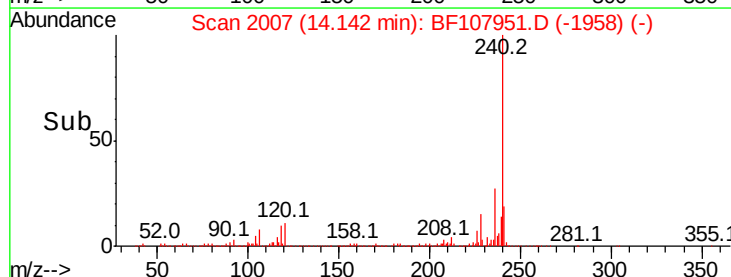
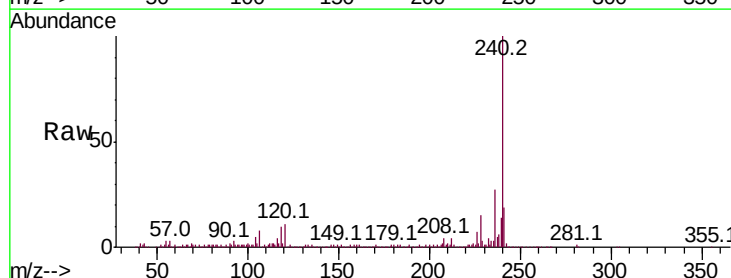
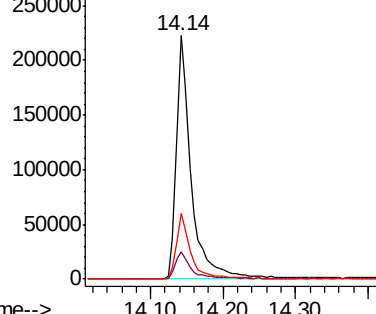
Delta R.T. -0.01 min

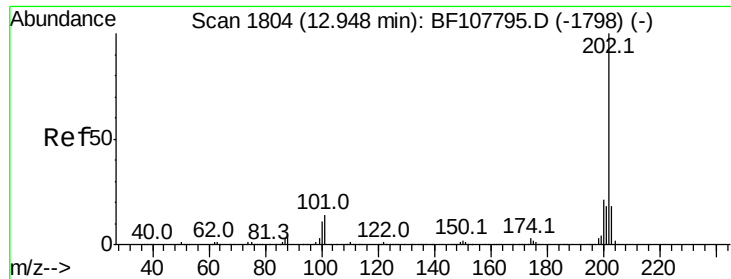
Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		324642		
120	11.1	9.5	14.3		
236	27.0	20.7	31.1		

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





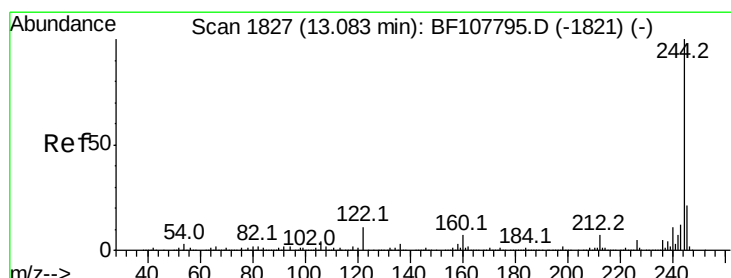
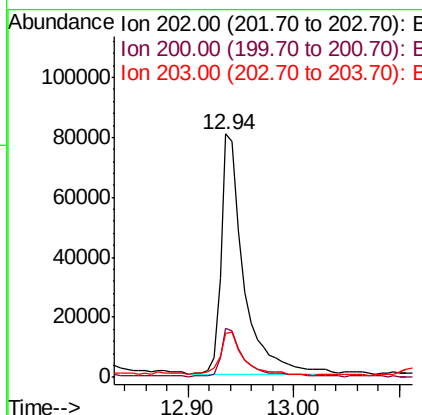
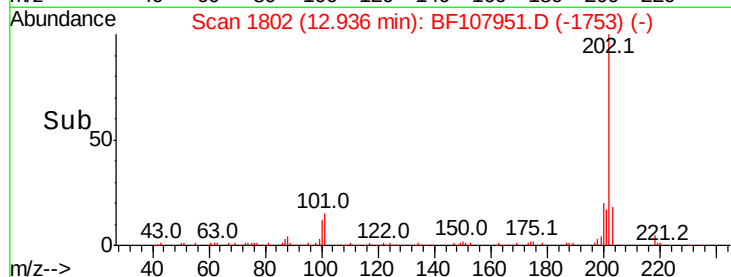
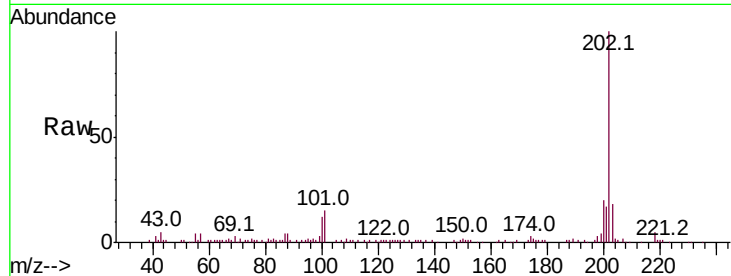
#77
Pvrene
Concen: 5.112 ng
RT: 12.94 min Scan# 1802
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.1	17.4	26.2	
203	18.1	14.3	21.5	

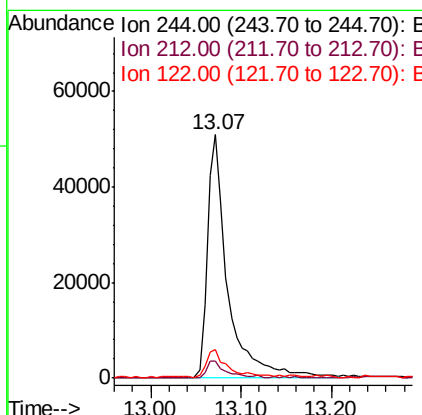
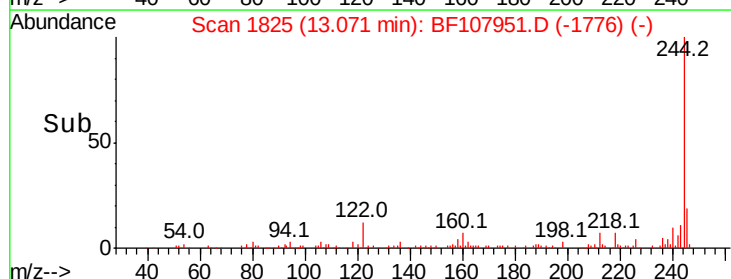
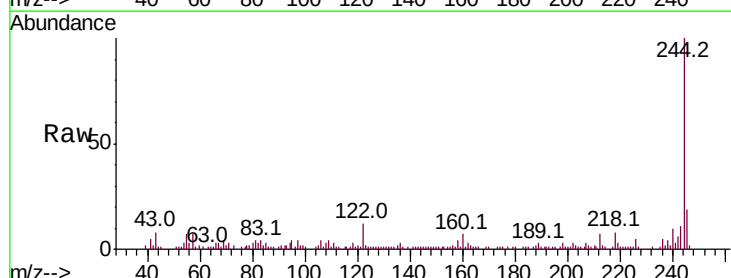
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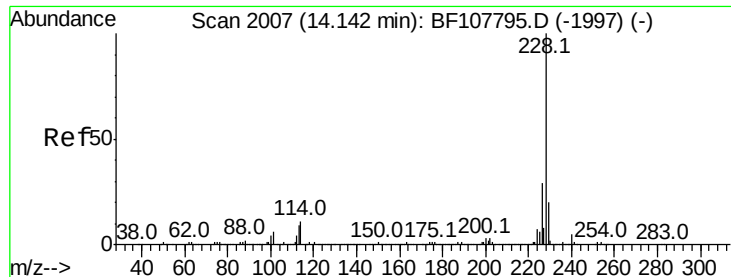
Sohil
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#78
Terphenyl-d14
Concen: 5.385 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	5.4	8.0	
122	11.7	11.0	16.4	





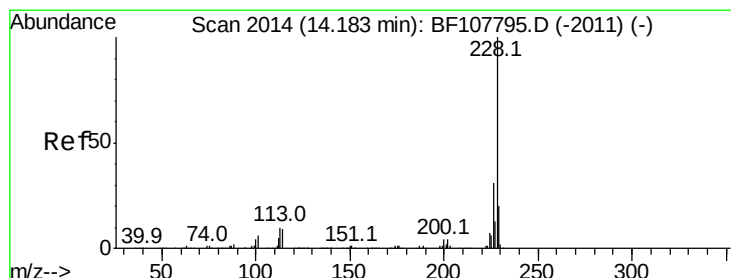
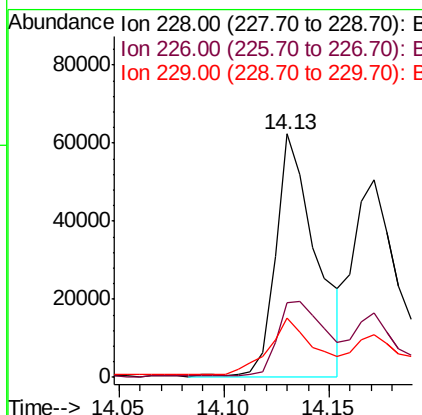
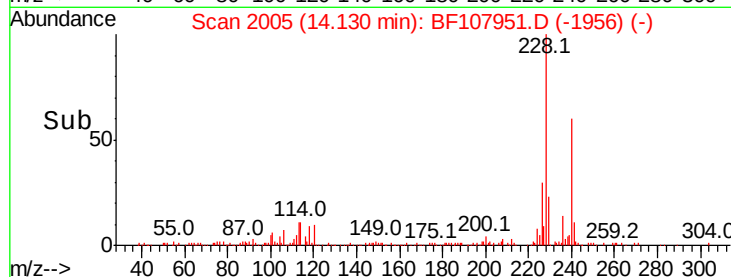
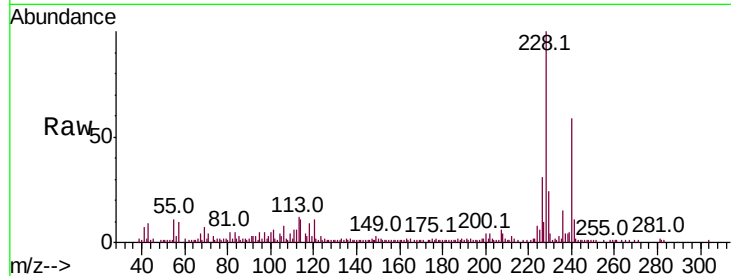
#80
Benzo(a)anthracene
Concen: 4.555 ng m
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.6	33.8
229	24.2	15.8	23.6

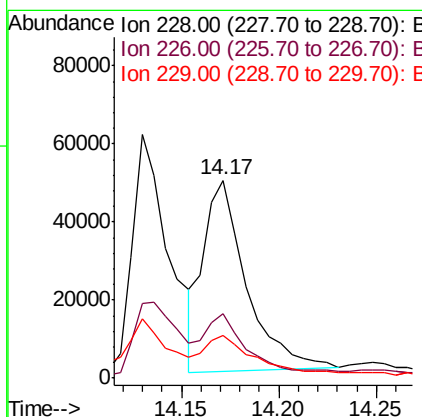
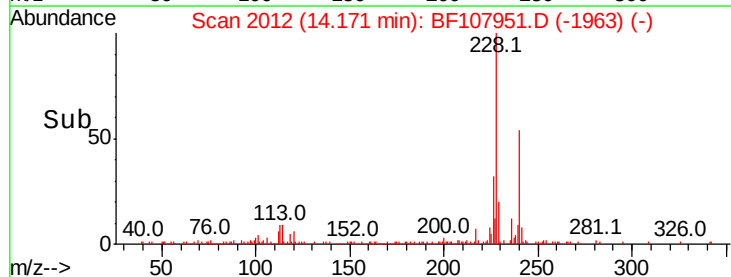
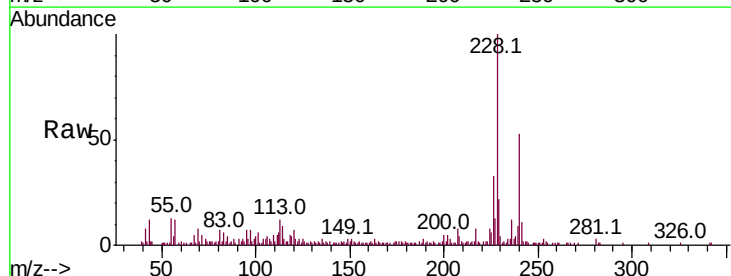
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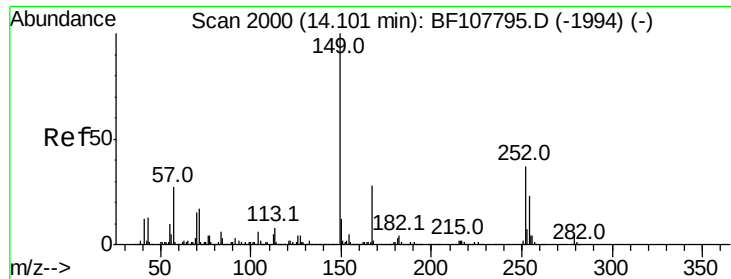
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#82
Chrysene
Concen: 3.776 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.0	37.6
229	21.7	16.2	24.4





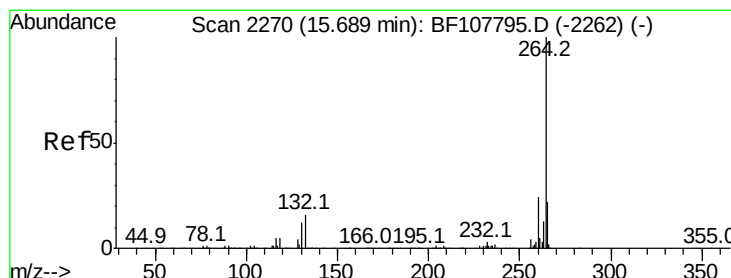
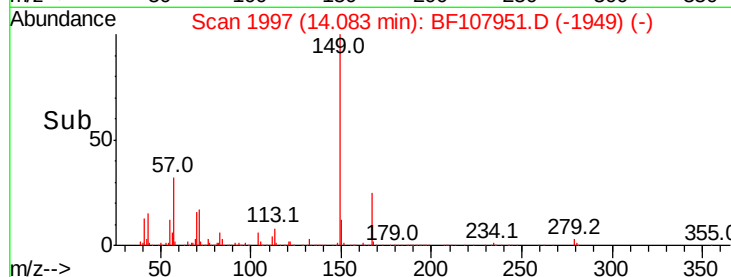
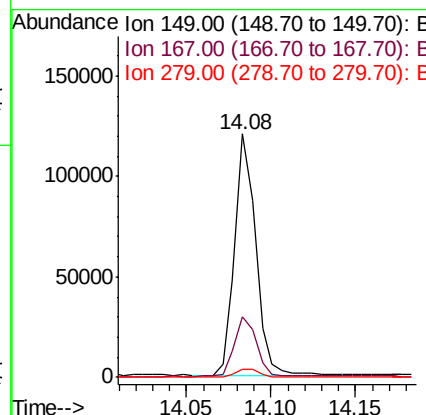
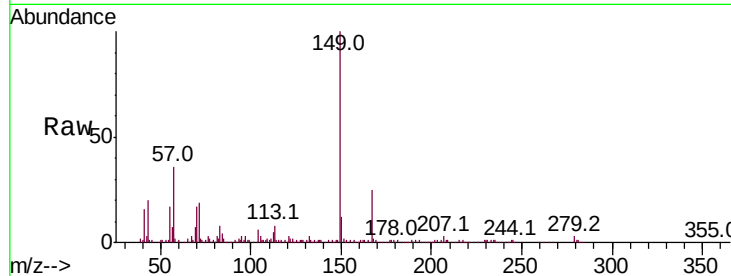
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.130 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.02 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.9	21.3	31.9	
279	3.3	3.0	4.4	

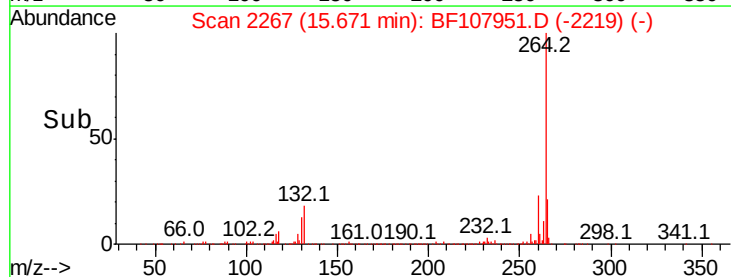
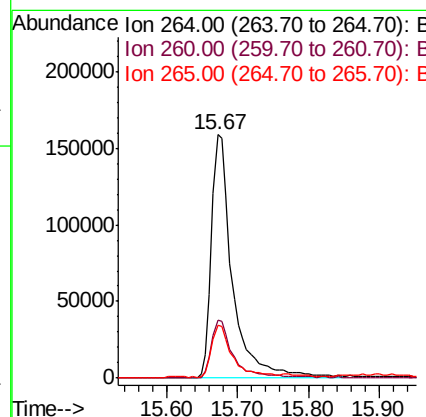
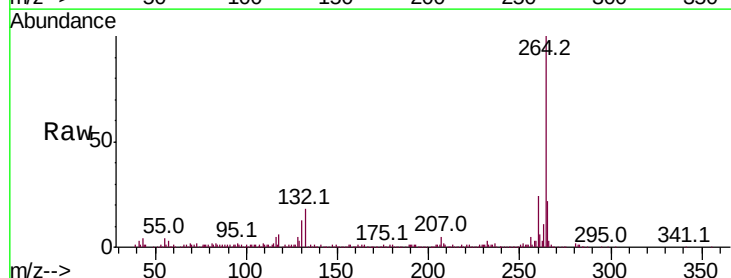
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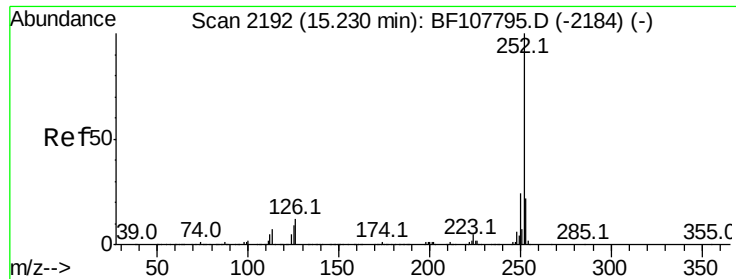
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF107951.D
 Acq: 3 Aug 2018 21:22

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.6	19.2	28.8	
265	21.9	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 4.860 ng m

RT: 15.22 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Instrument :

BNA_F

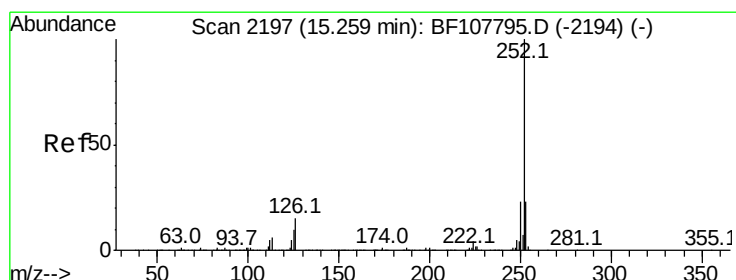
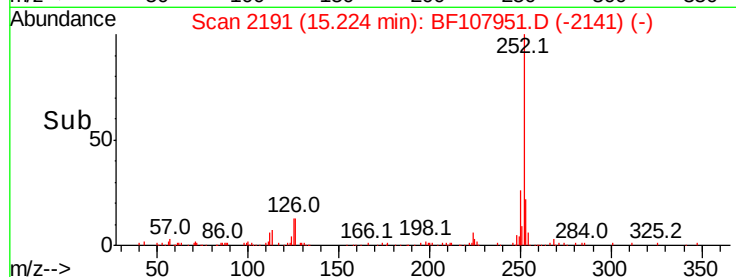
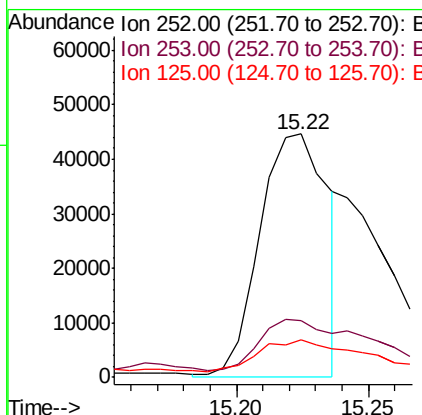
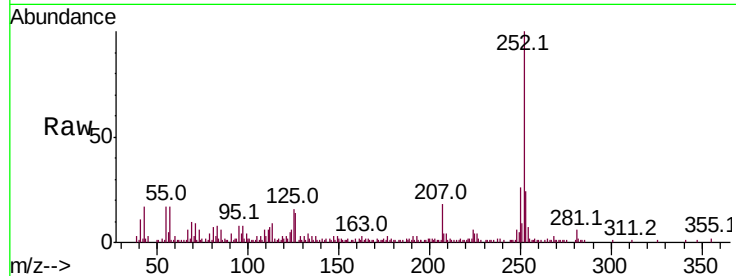
ClientSampleId :

BEEBEE-SITE-DEMO-4

Tot Ion:	252	Resp:	79864
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	15.6	9.0	13.6#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.749 ng m

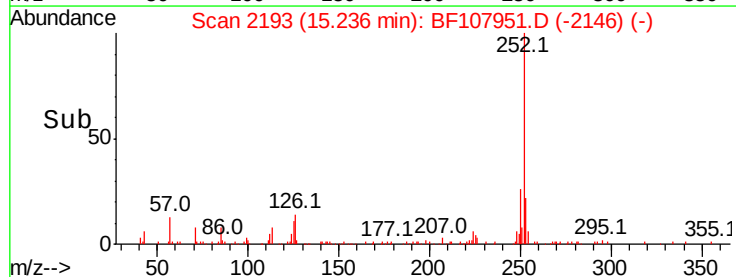
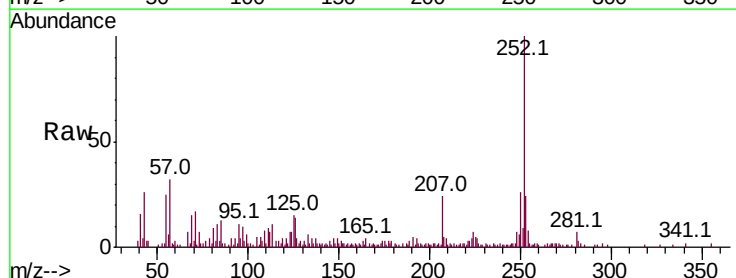
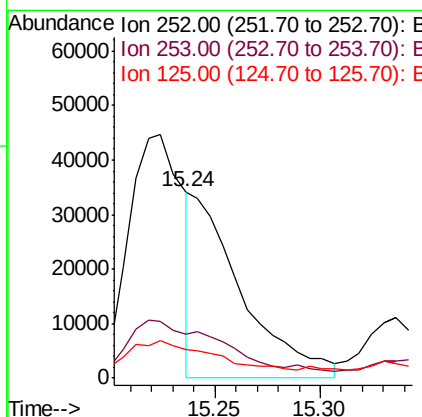
RT: 15.24 min Scan# 2193

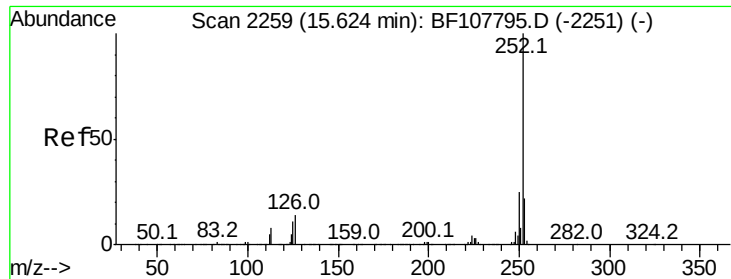
Delta R.T. -0.02 min

Lab File: BF107951.D

Acq: 3 Aug 2018 21:22

Tgt Ion:	252	Resp:	55459
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	15.3	10.2	15.2#





#89
Benzo(a)pyrene
Concen: 3.521 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BF107951.D
Acq: 3 Aug 2018 21:22

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	14.0	9.8	14.6

Manual Integrations
APPROVED

Sohil
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