

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107949.D
 Acq On : 3 Aug 2018 20:27
 Operator : JU/SJ
 Sample : J4318-03 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

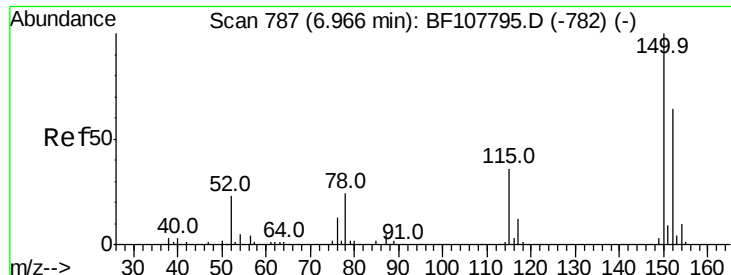
Manual Integrations
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 8/6/2018 5:05:43 PM

Quant Time: Aug 04 00:49:08 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	98147	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	489302	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	199410	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	345762	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	344438	20.00	ng	-0.01
86) Perylene-d12	15.67	264	355482	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	45049m	7.80	ng	0.13
7) Phenol-d6	6.66	99	115153	15.13	ng	0.05
23) Nitrobenzene-d5	7.57	82	29518	3.48	ng	0.04
41) 2,4,6-Tribromophenol	10.80	330	32068	11.84	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	173976	12.16	ng	-0.01
78) Terphenyl-d14	13.07	244	171660	10.81	ng	-0.01
Target Compounds						
70) Phenanthrene	11.51	178	34798	2.120	ng	98
74) Fluoranthene	12.71	202	125314	6.497	ng	97
77) Pyrene	12.94	202	96907	3.907	ng	96
80) Benzo(a)anthracene	14.13	228	44064	2.258	ng	96
82) Chrysene	14.17	228	57992	2.756	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	50169	3.674	ng	100
87) Benzo(b)fluoranthene	15.22	252	66968m	3.820	ng	
88) Benzo(k)fluoranthene	15.24	252	48560m	2.256	ng	
89) Benzo(a)pyrene	15.62	252	47634	2.632	ng	# 93
91) Benzo(g,h,i)perylene	17.74	276	30562	2.001	ng	94

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



#1

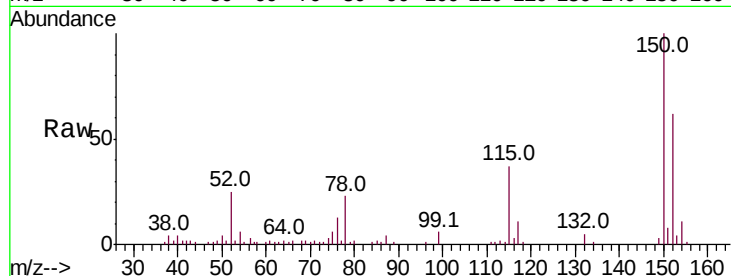
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.6	186.8
115	59.3	50.1	75.1

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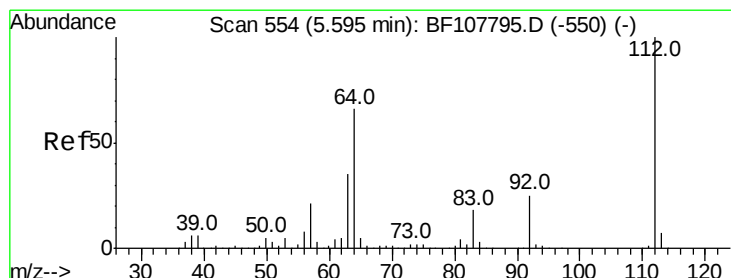
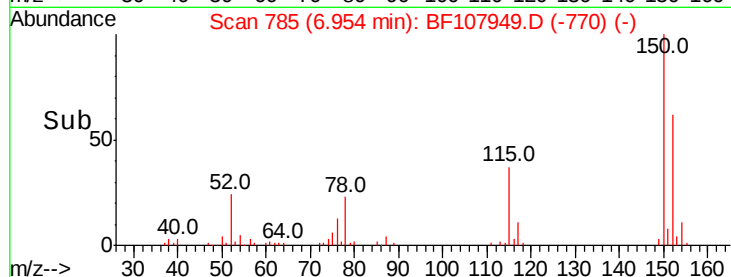
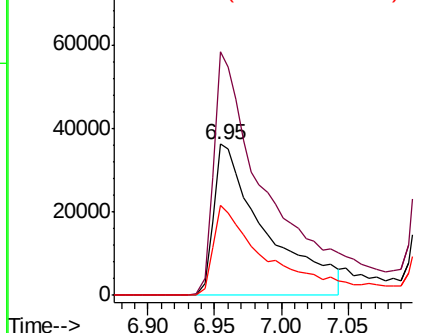


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

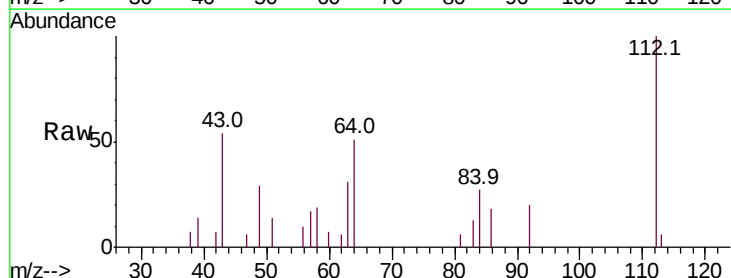
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.801 ng m
RT: 5.72 min Scan# 576
Delta R.T. 0.13 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	47.9	71.9
63	31.3	23.7	35.5

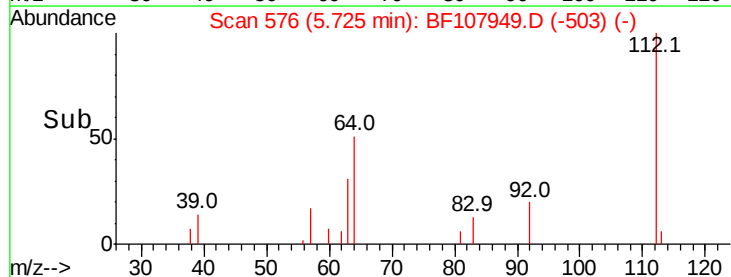
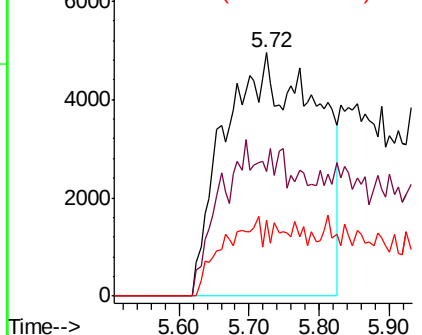


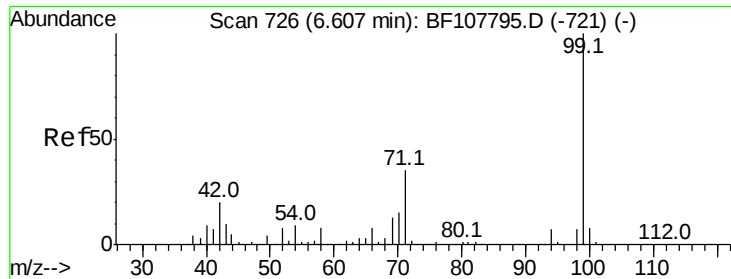
Abundance

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: 15.130 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.05 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Instrument :

BNA_F

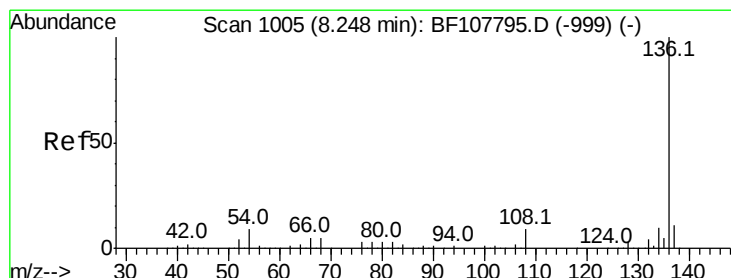
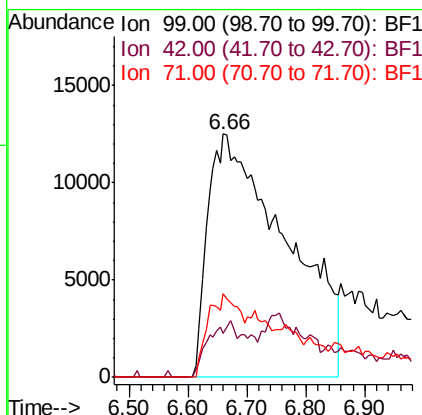
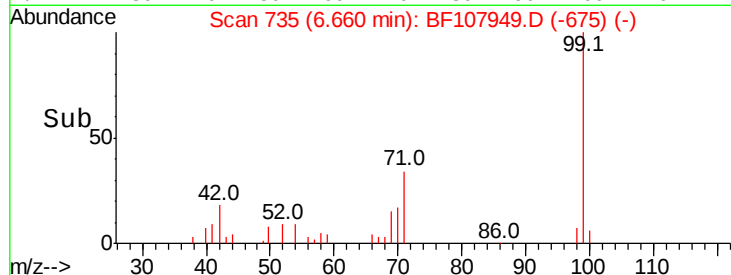
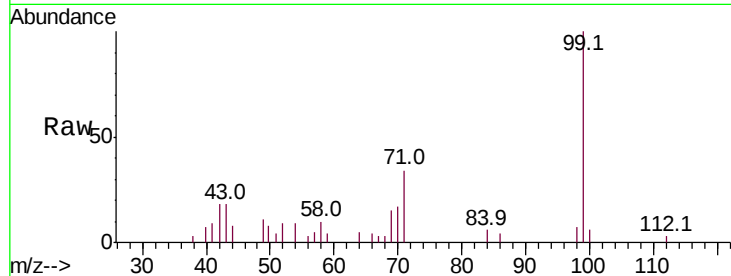
ClientSampleId :

BEEBEE-SITE-DEMO-2

Tot Ion:	99	Resp:	115153
Ion Ratio	Lower	Upper	
99	100		
42	18.1	14.5	21.7
71	34.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

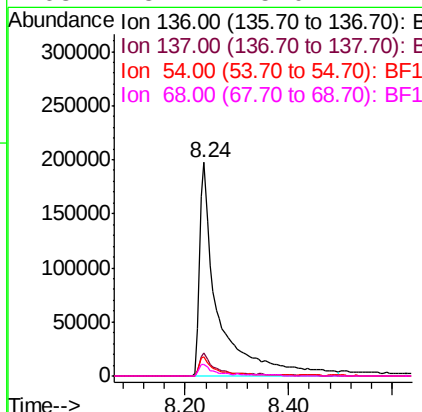
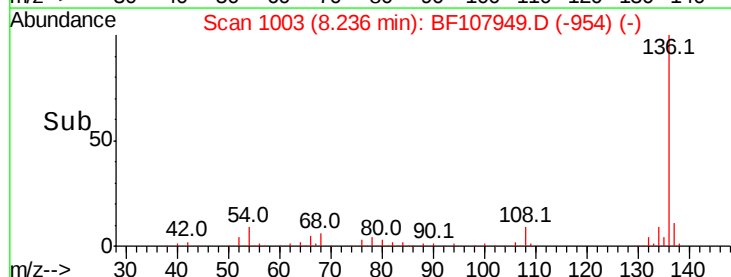
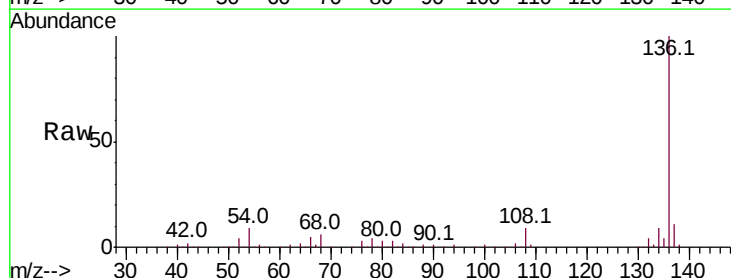
RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Tgt Ion:	136	Resp:	489302
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.9	6.6	9.8
68	5.7	5.0	7.4





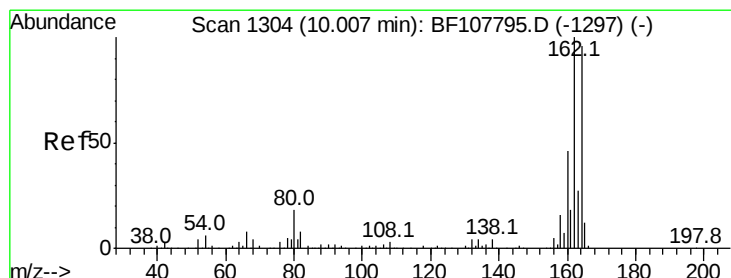
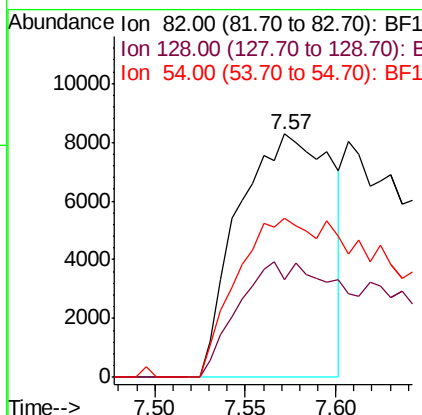
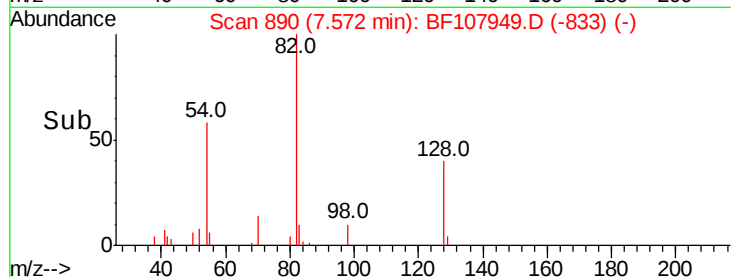
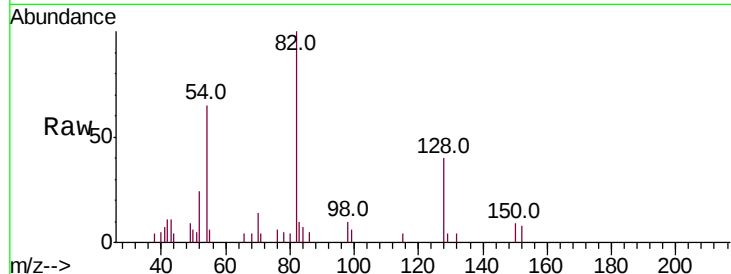
#23
 Nitrobenzene-d5
 Concen: 3.475 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.04 min
 Lab File: BF107949.D
 Acq: 3 Aug 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	36.1	54.1
54	65.3	41.4	62.2

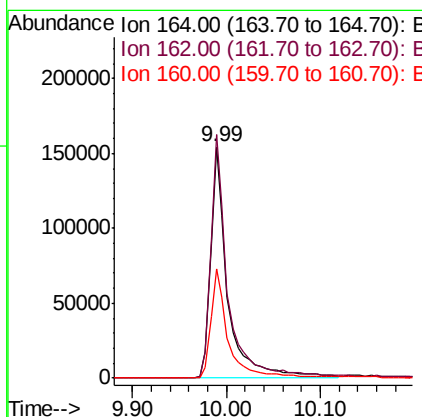
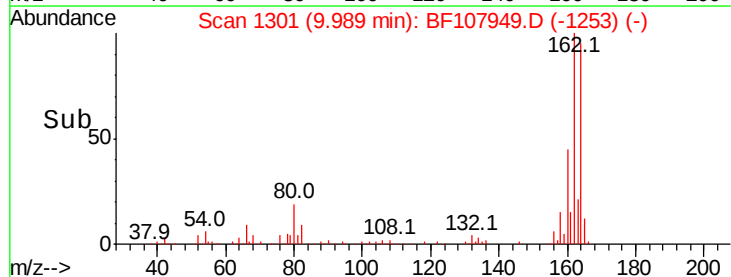
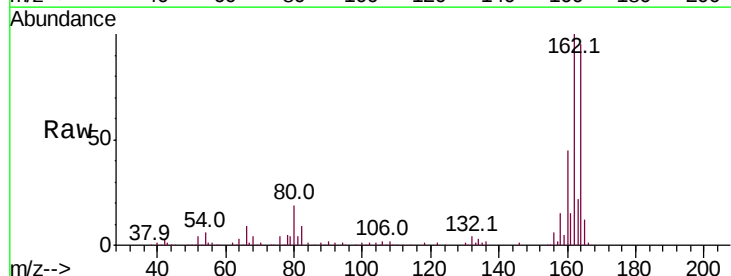
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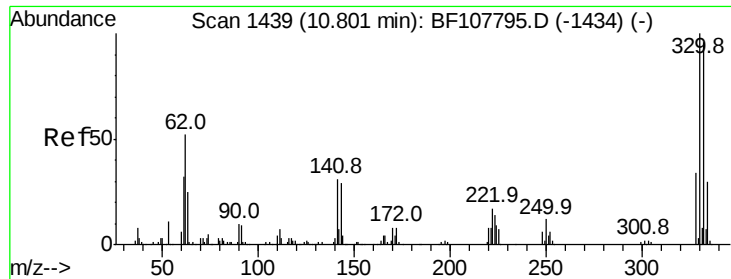
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107949.D
 Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	86.1	129.1
160	47.1	38.3	57.5





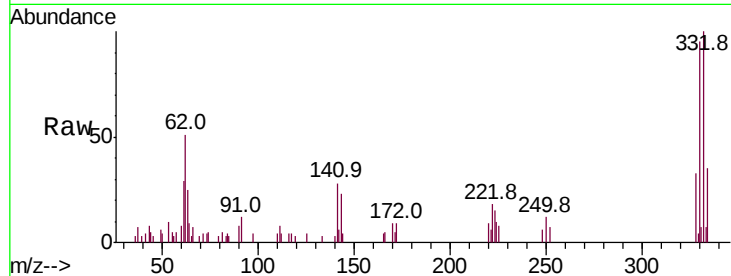
#41
 2,4,6-Tribromophenol
 Concen: 11.835 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107949.D
 Acq: 3 Aug 2018 20:27

Instrument :
 BNA_F
 ClientSampleId :
 BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	91.0	77.0	115.6	
141	29.2	29.9	44.9	

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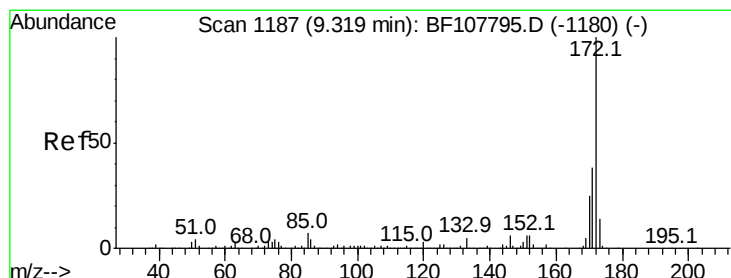
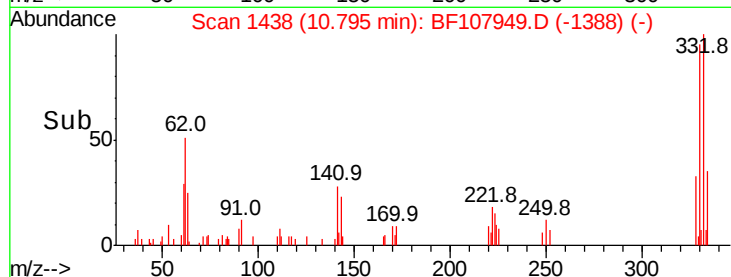
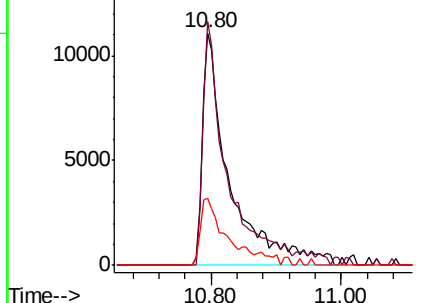


Abundance

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: 12.158 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF107949.D
 Acq: 3 Aug 2018 20:27

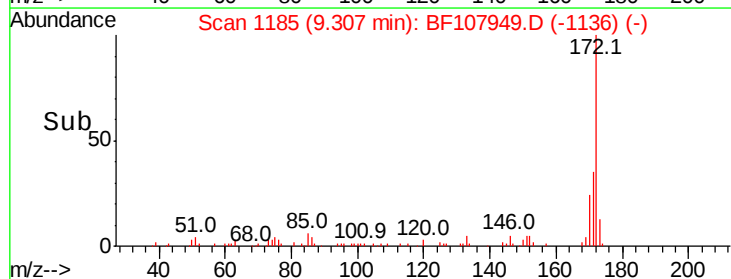
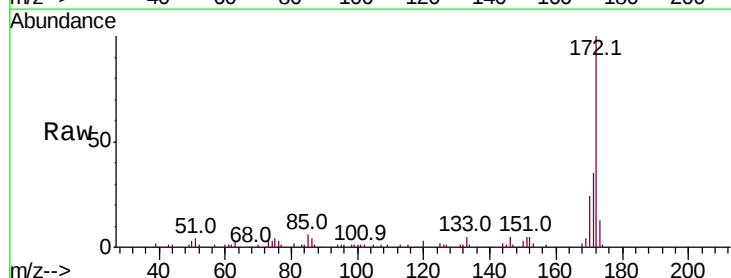
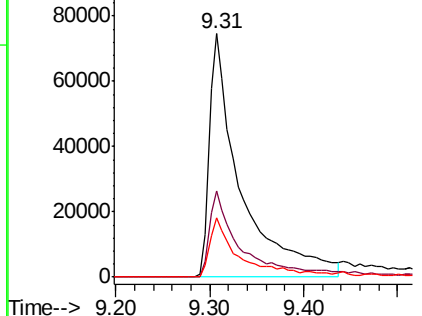
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	29.7	44.5	
170	24.1	19.6	29.4	

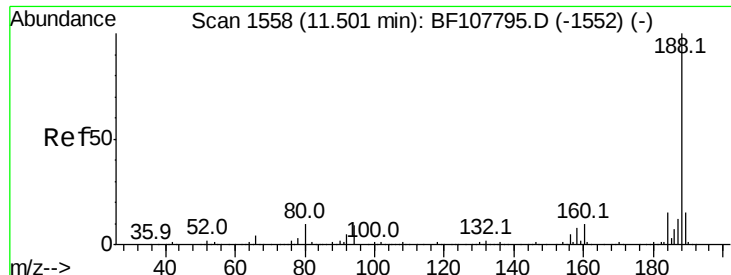
Abundance

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





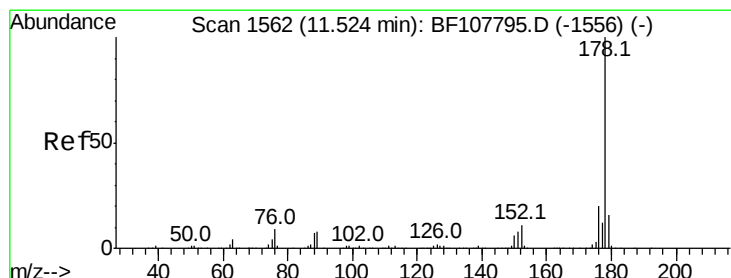
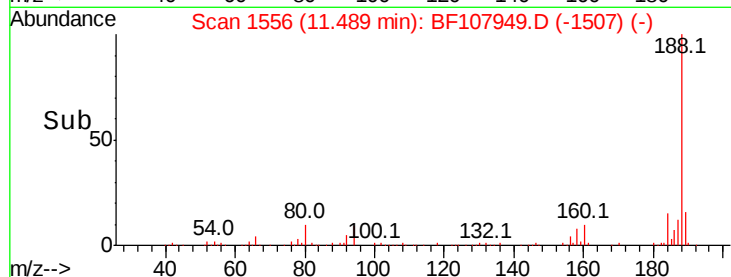
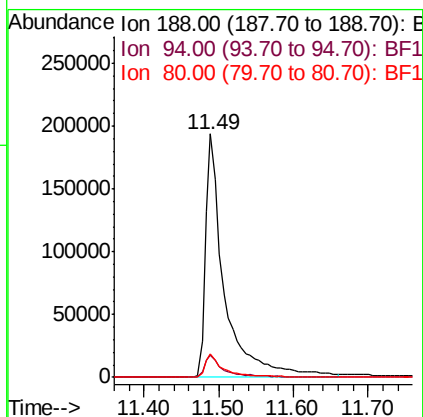
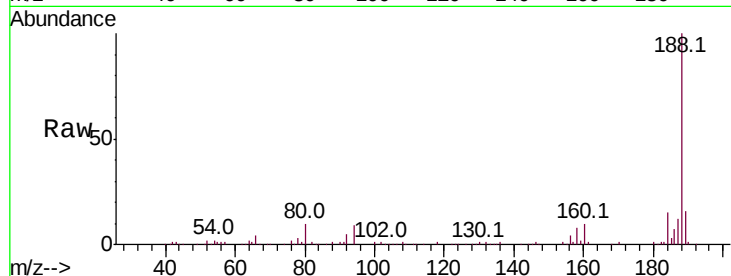
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.2	8.5	12.7	
80	9.7	9.2	13.8	

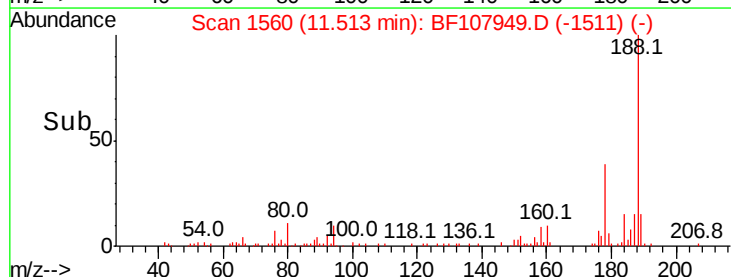
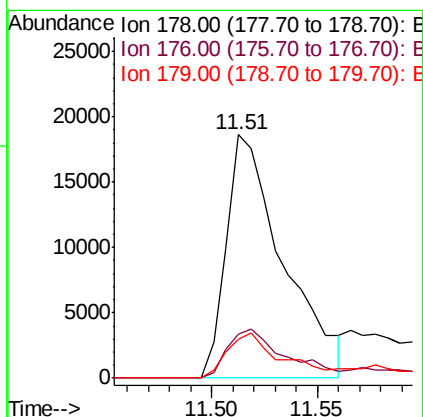
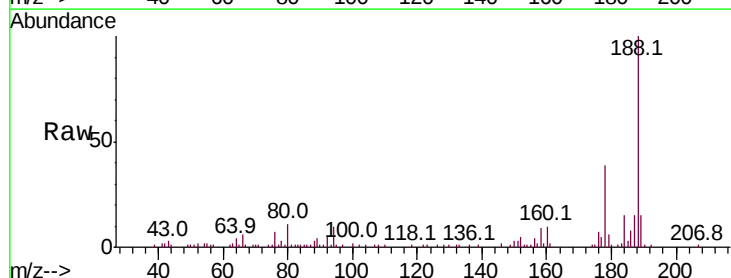
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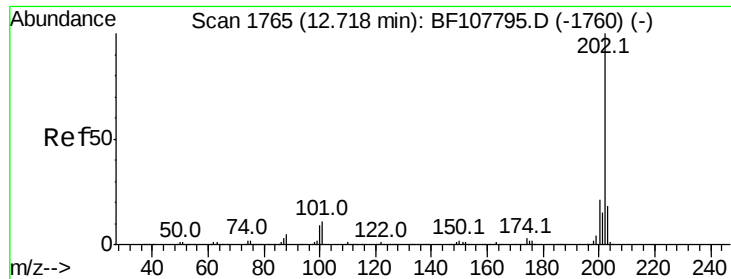
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#70
Phenanthrene
Concen: 2.120 ng
RT: 11.51 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	18.1	15.8	23.8	
179	15.9	13.0	19.6	





#74

Fluoranthene

Concen: 6.497 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Instrument :

BNA_F

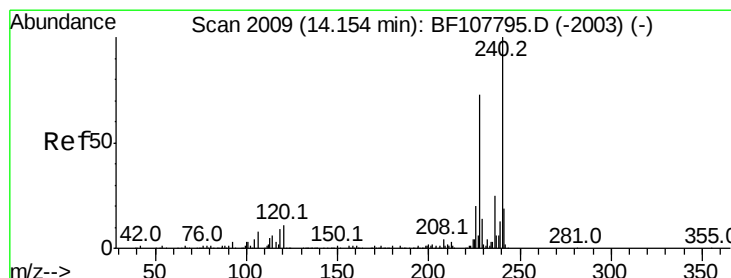
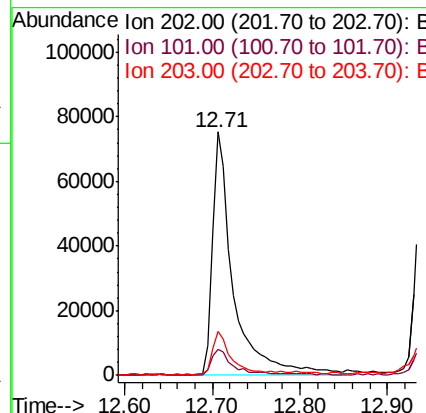
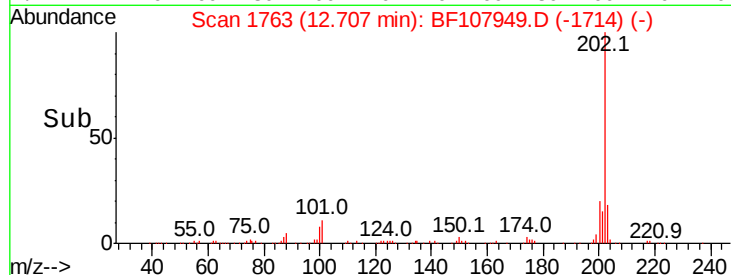
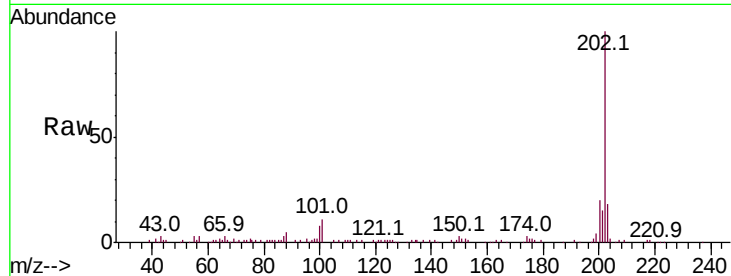
ClientSampleId :

BEEBEE-SITE-DEMO-2

Tot Ion:	202	Resp:	125314
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	34.1
203	18.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

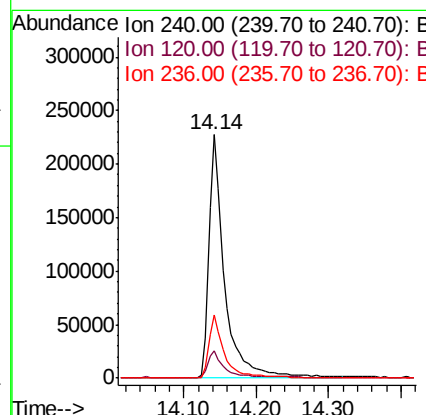
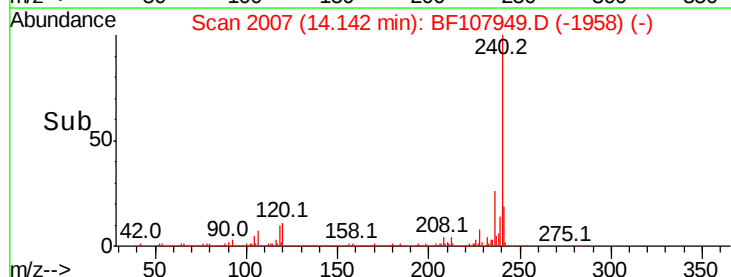
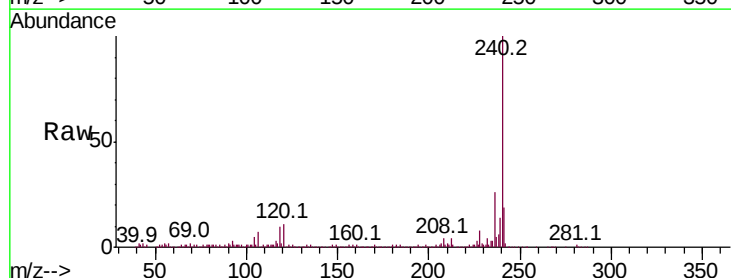
RT: 14.14 min Scan# 2007

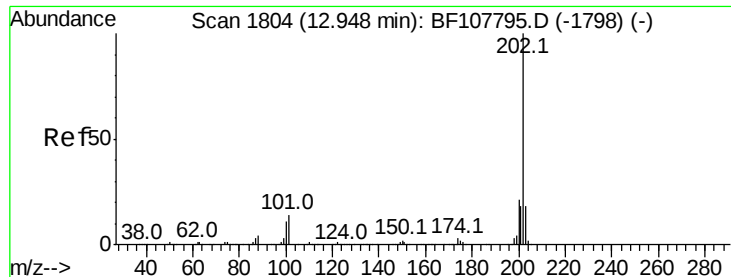
Delta R.T. -0.01 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Tgt Ion:	240	Resp:	344438
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.5	14.3
236	26.0	20.7	31.1





#77

Pvrene

Concen: 3.907 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Instrument :

BNA_F

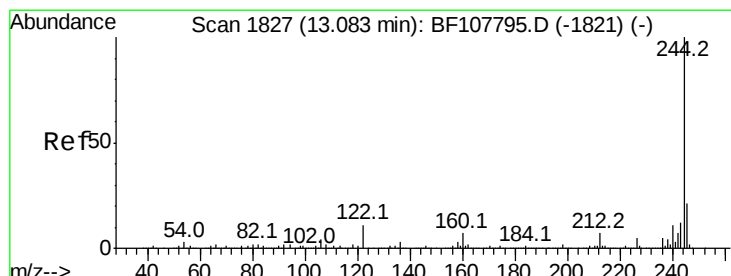
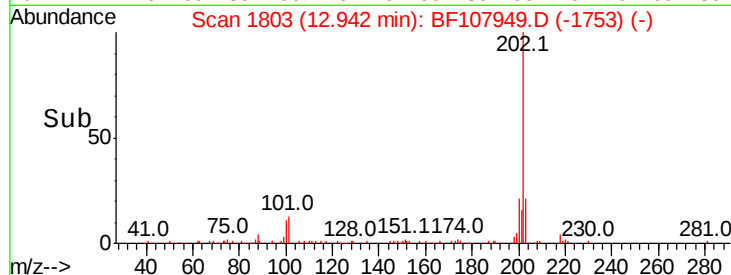
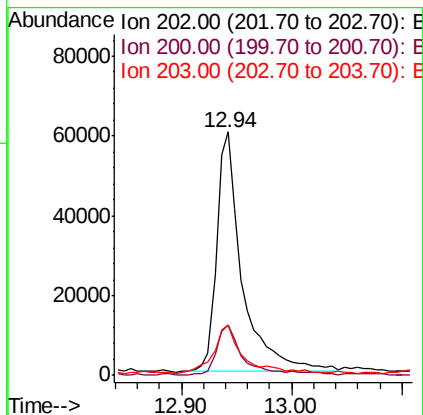
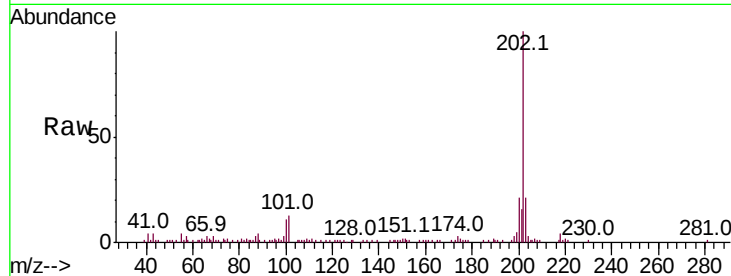
ClientSampleId :

BEEBEE-SITE-DEMO-2

Tot Ion:	202	Resp:	96907
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	20.7	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 10.807 ng

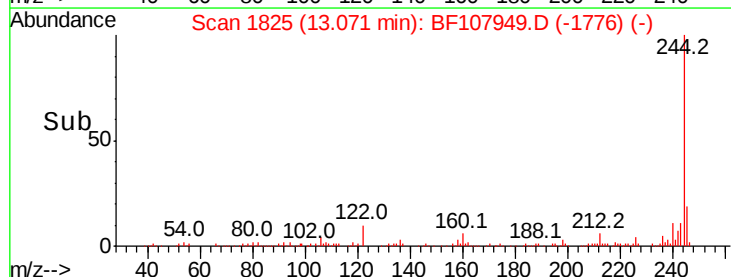
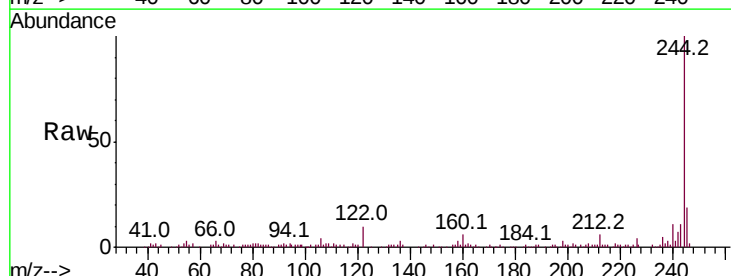
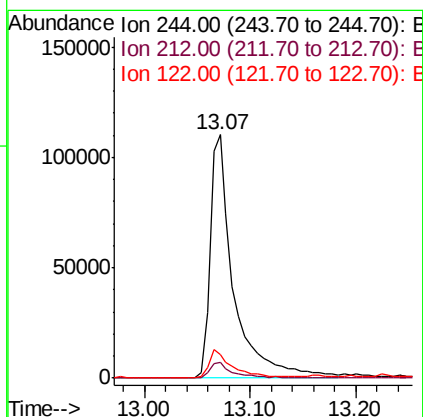
RT: 13.07 min Scan# 1825

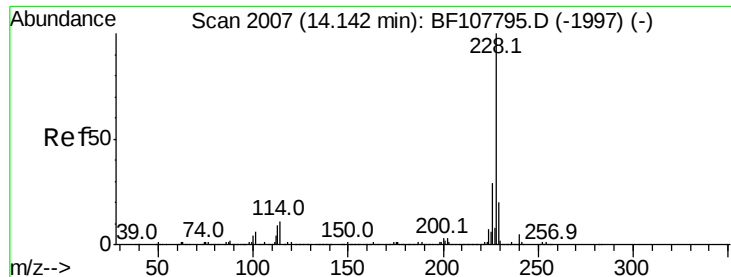
Delta R.T. -0.01 min

Lab File: BF107949.D

Acq: 3 Aug 2018 20:27

Tgt Ion:	244	Resp:	171660
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	9.6	11.0	16.4#





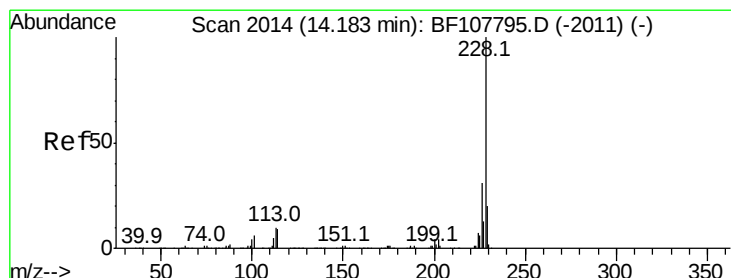
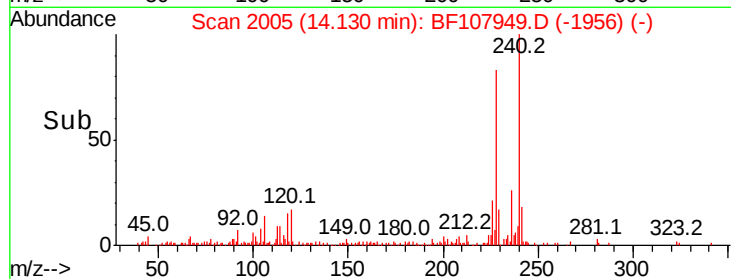
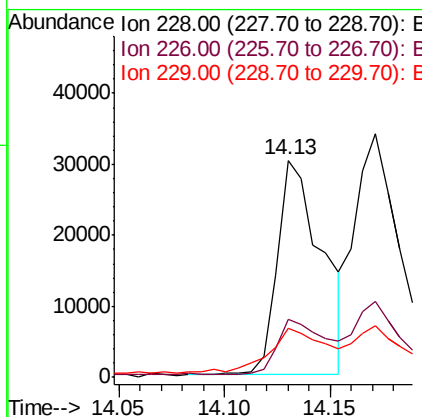
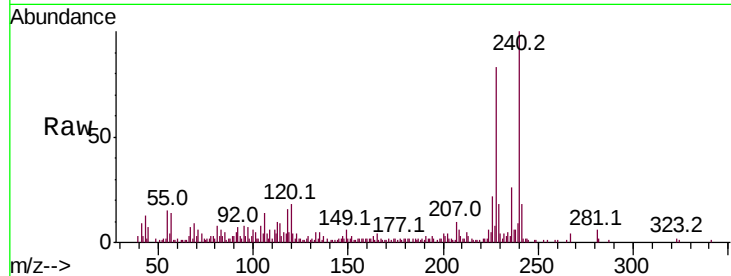
#80
Benzo(a)anthracene
Concen: 2.258 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	22.4	15.8	23.6

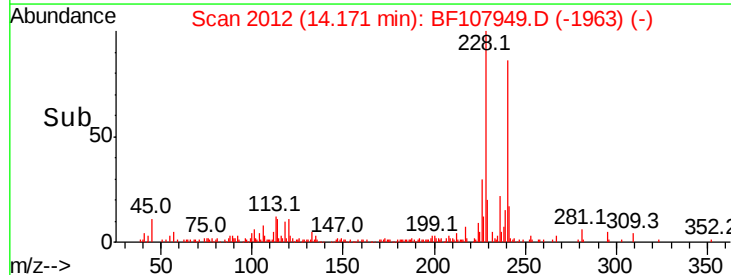
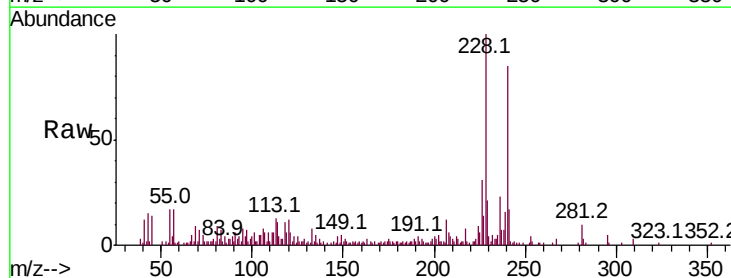
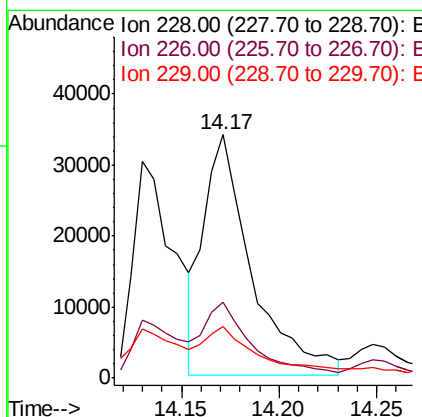
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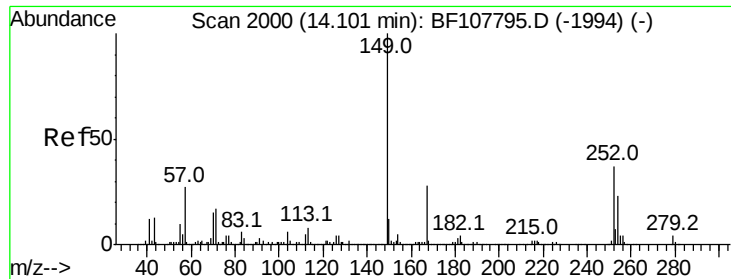
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#82
Chrysene
Concen: 2.756 ng
RT: 14.17 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	21.3	16.2	24.4





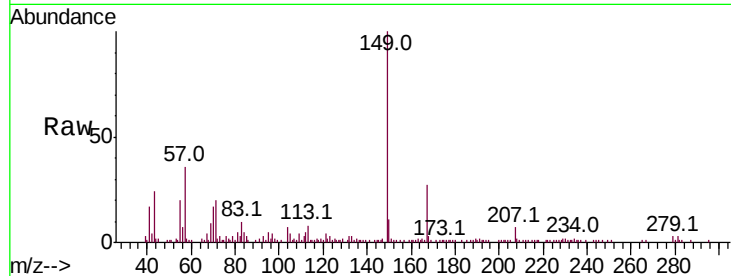
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.674 ng
RT: 14.08 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

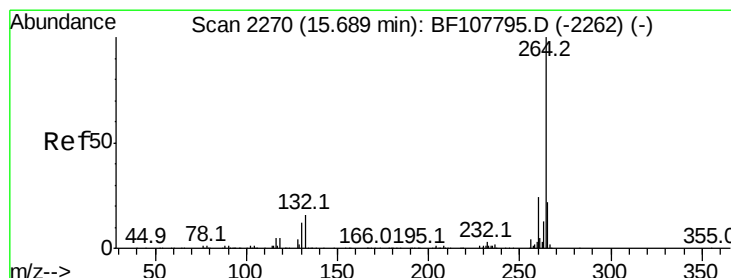
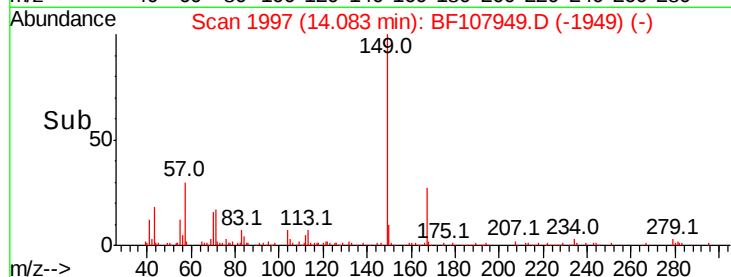
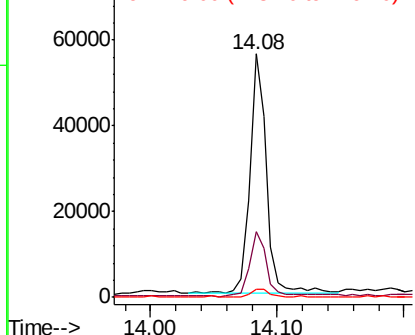
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.3	31.9
279	3.4	3.0	4.4

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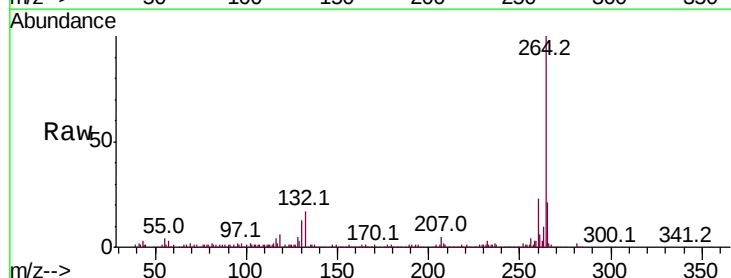


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

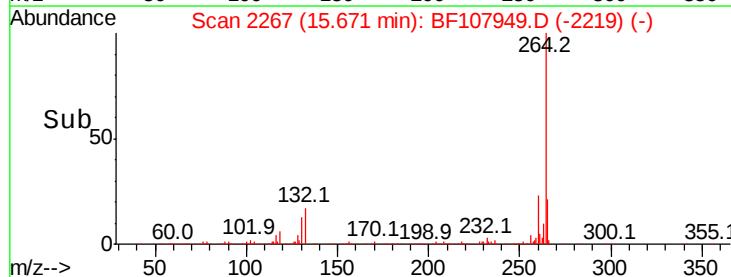
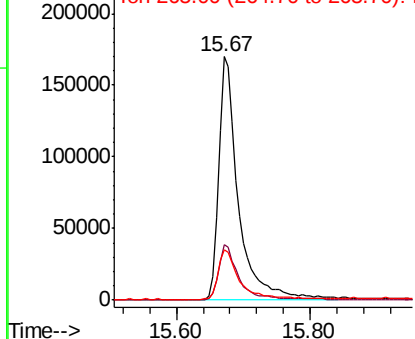


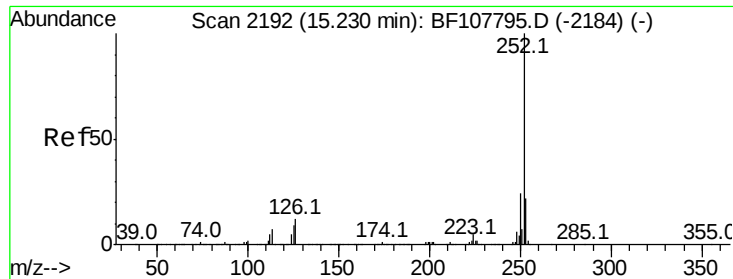
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	20.9	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





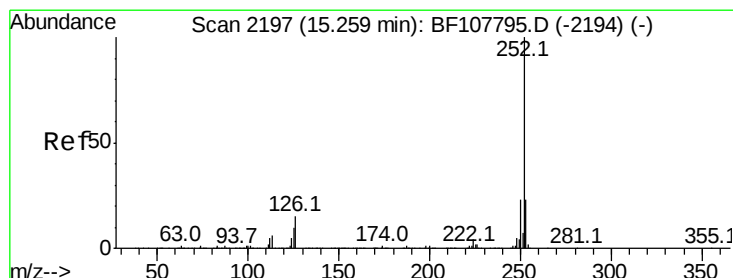
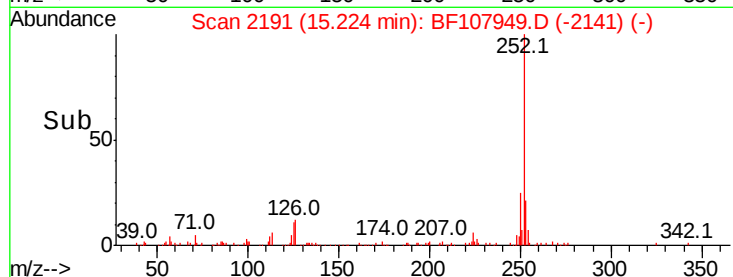
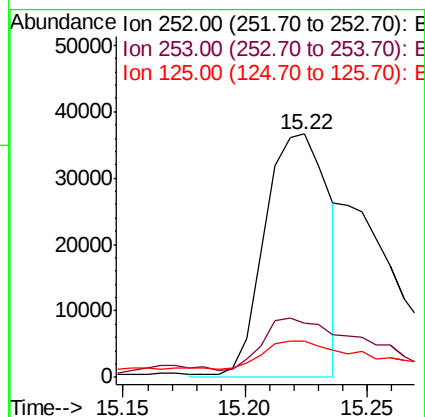
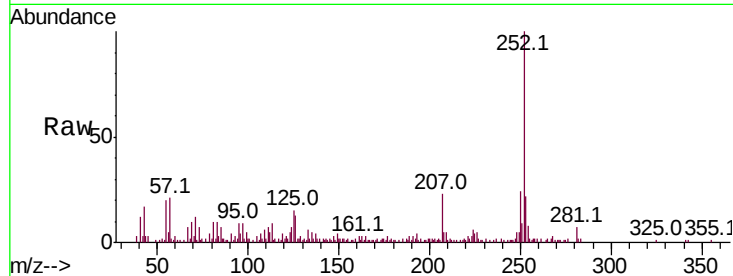
#87
Benzo(b)fluoranthene
Concen: 3.820 ng m
RT: 15.22 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	15.1	9.0	13.6

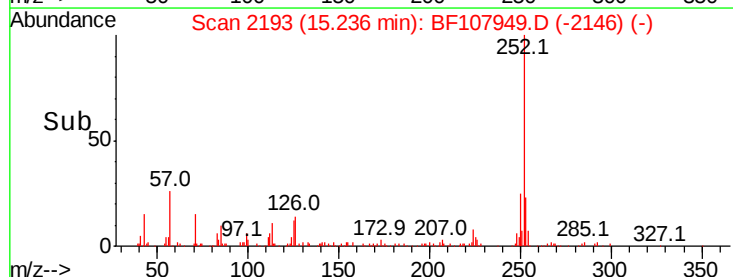
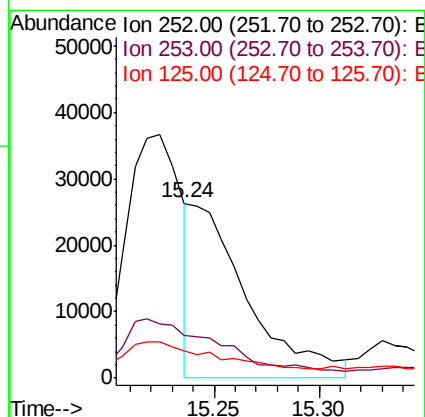
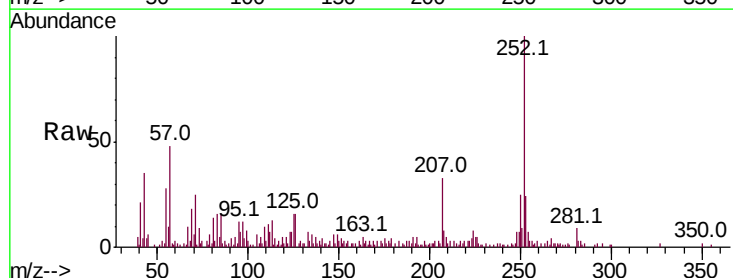
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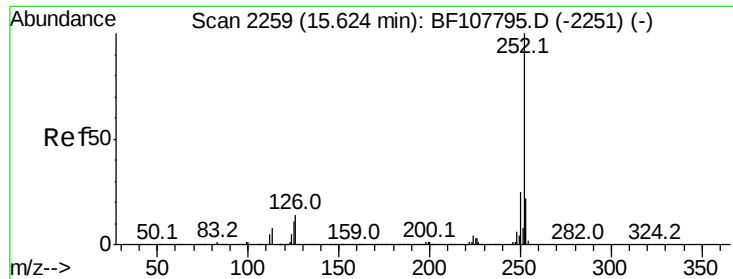
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#88
Benzo(k)fluoranthene
Concen: 2.256 ng m
RT: 15.24 min Scan# 2193
Delta R.T. -0.02 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	15.7	10.2	15.2





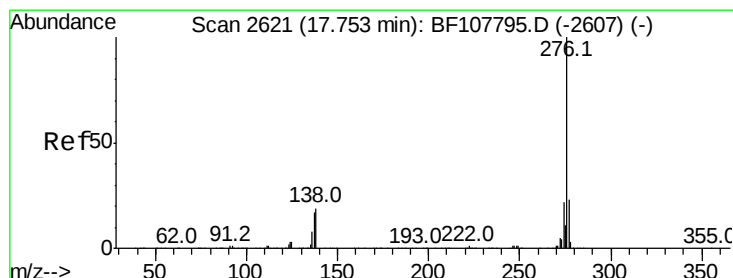
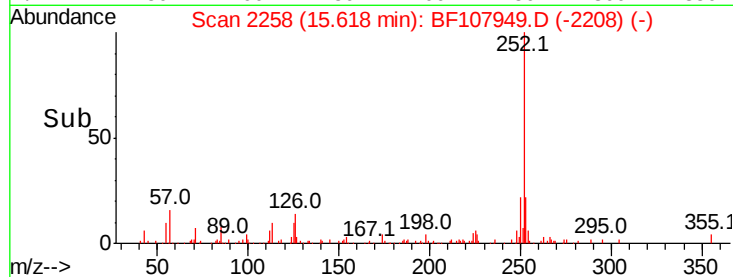
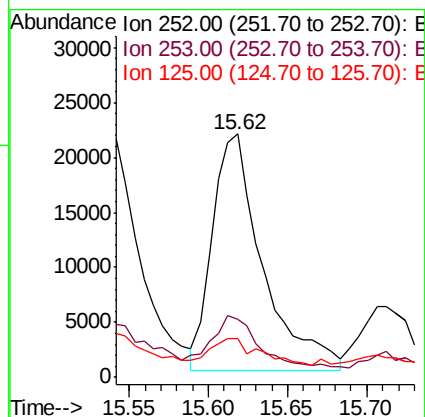
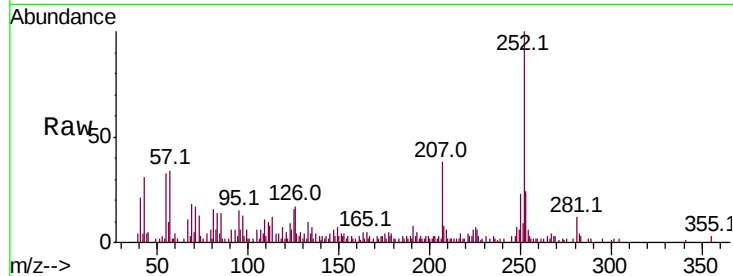
#89
Benzo(a)pyrene
Concen: 2.632 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Instrument :
BNA_F
ClientSampleId :
BEEBEE-SITE-DEMO-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	15.8	9.8	14.6

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#91
Benzo(g,h,i)perylene
Concen: 2.001 ng
RT: 17.74 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BF107949.D
Acq: 3 Aug 2018 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	25.0	21.8	32.8

