

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097915.D
 Acq On : 21 Aug 2017 19:51
 Operator : SJ/JU
 Sample : I4875-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-A

Manual Integrations
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Sohil
 8/22/2017 5:44:33 PM

Quant Time: Aug 22 05:29:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	121470	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	459715	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	184755	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	297947	20.00	ng	0.00
75) Chrysene-d12	13.90	240	242592	20.00	ng	0.00
86) Perylene-d12	15.32	264	175036	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	789966	98.92	ng	0.00
7) Phenol-d6	6.39	99	1046135	96.41	ng	0.00
23) Nitrobenzene-d5	7.31	82	649089	76.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	145285	90.63	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	895959	71.25	ng	0.00
78) Terphenyl-d14	12.85	244	592417	50.92	ng	0.00
Target Compounds						
10) Phenol	6.39	94	34203	2.695	ng	84
49) Dimethylphthalate	9.50	163	125187	9.270	ng	98
70) Phenanthrene	11.29	178	178993	11.274	ng	99
71) Anthracene	11.34	178	56151	3.487	ng	98
74) Fluoranthene	12.47	202	299373	18.065	ng	98
77) Pyrene	12.70	202	308322	15.539	ng	97
80) Benzo(a)anthracene	13.89	228	140295	9.649	ng	95
82) Chrysene	13.92	228	140528	9.716	ng	97
85) Indeno(1,2,3-cd)pyrene	16.69	276	47284	4.444	ng	# 91
87) Benzo(b)fluoranthene	14.91	252	134524m	12.193	ng	
88) Benzo(k)fluoranthene	14.93	252	45839m	4.422	ng	
89) Benzo(a)pyrene	15.26	252	96433	9.873	ng	96
91) Benzo(a,h,i)perylene	17.11	276	46649	5.622	ng	92

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

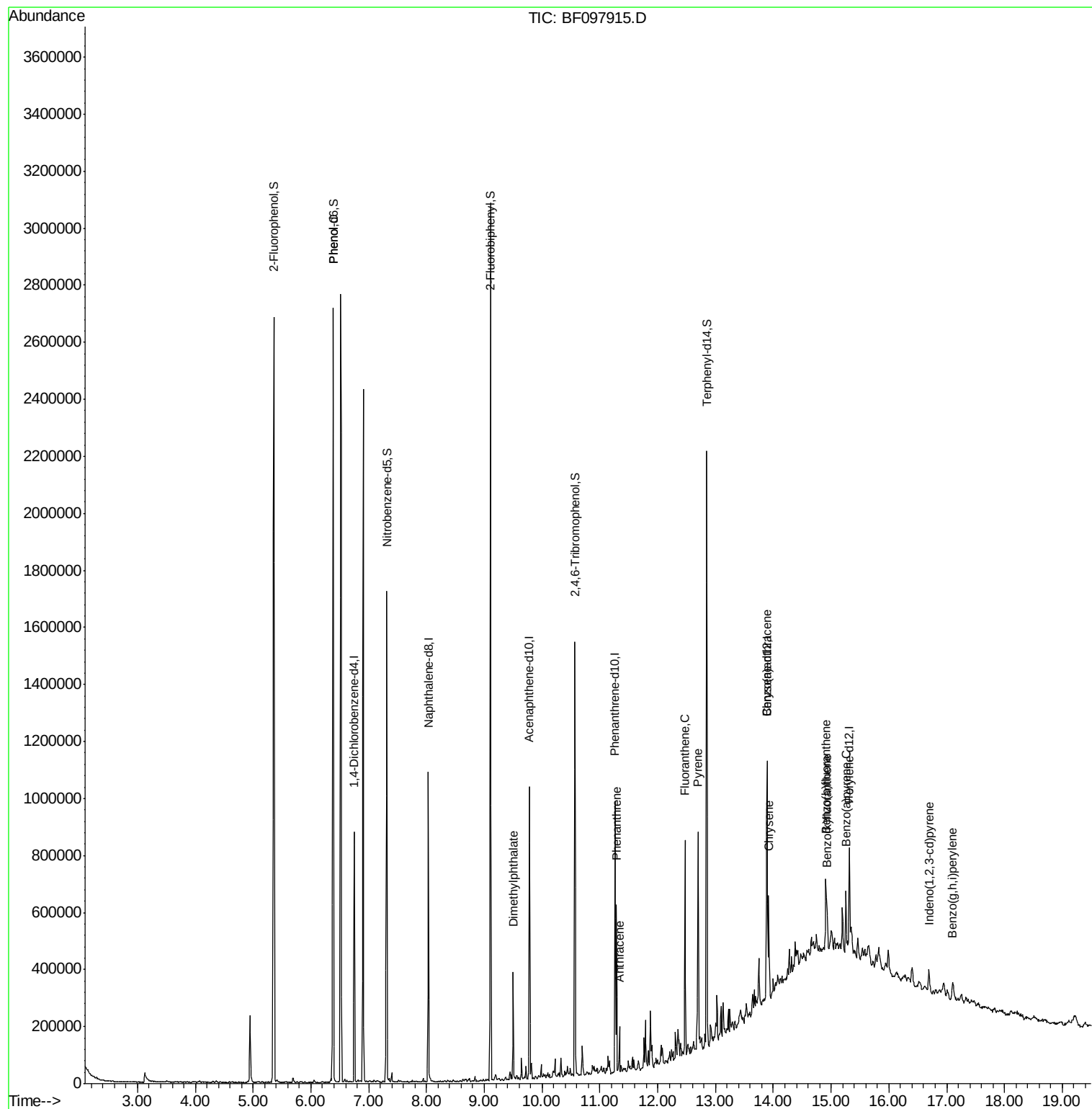
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097915.D
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Sample : I4875-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

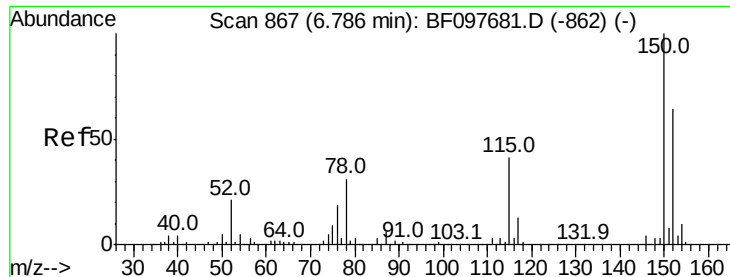
Instrument :
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CL-02-081717-A

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

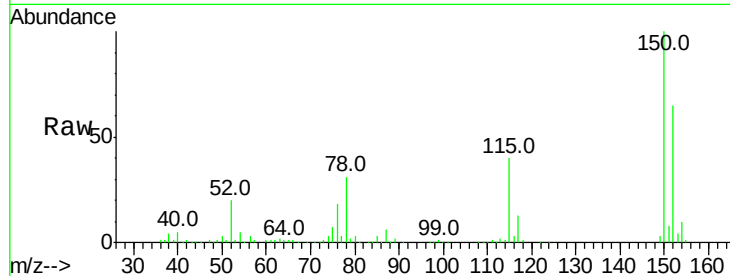
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

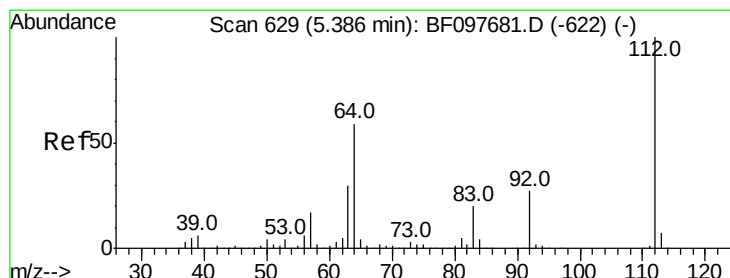
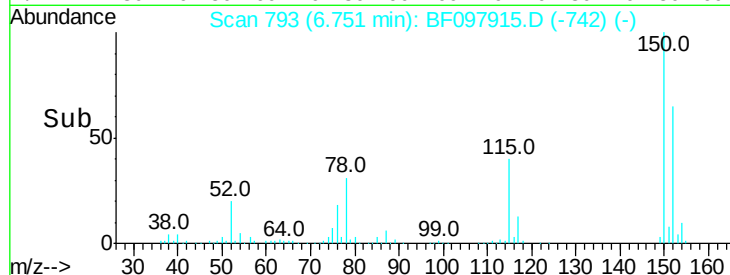
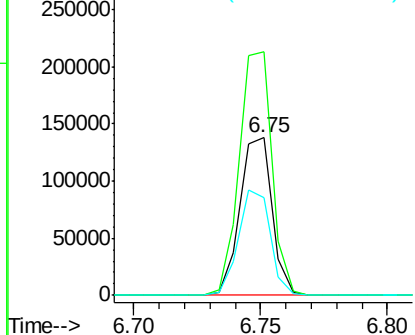
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	62.4	52.2	78.2

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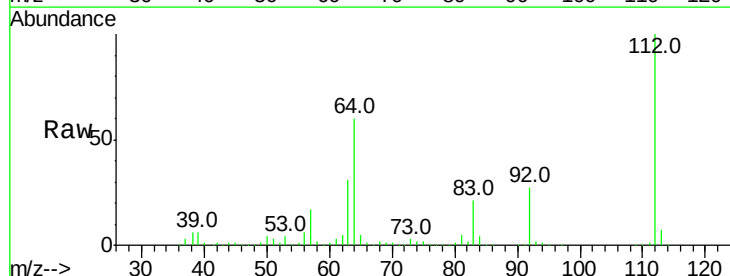
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



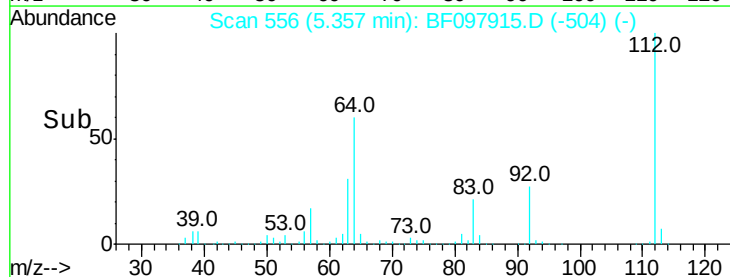
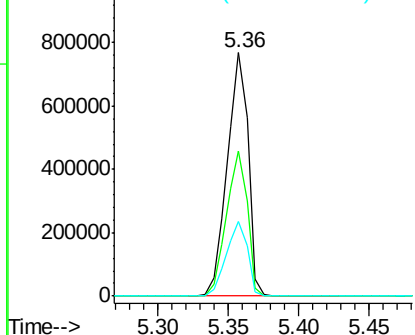
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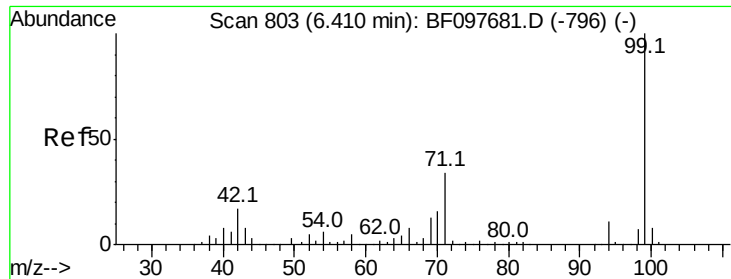
2-Fluorophenol
Concen: 98.921 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.0	69.0
63	30.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.414 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

Instrument :

BNA_F

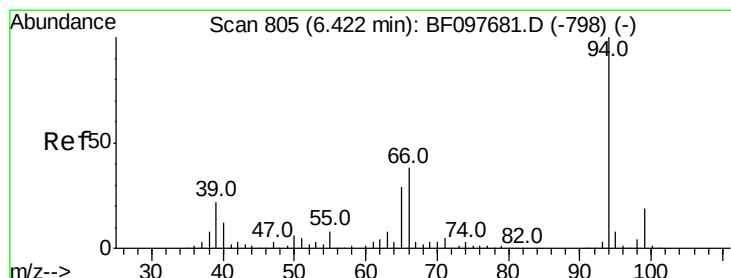
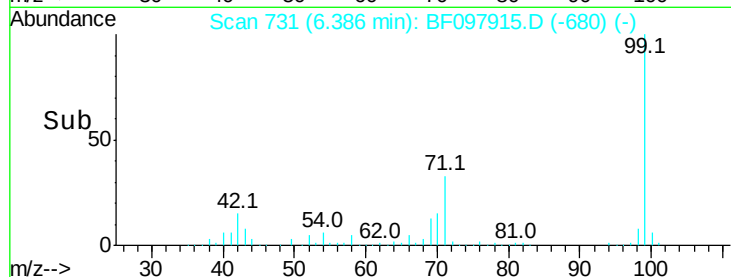
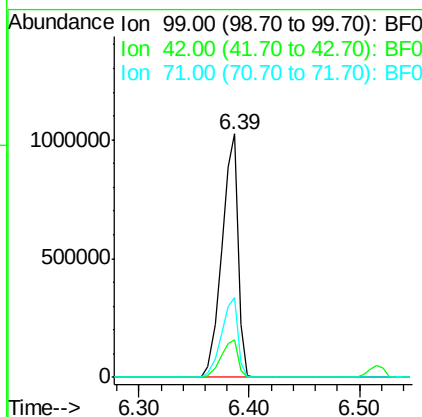
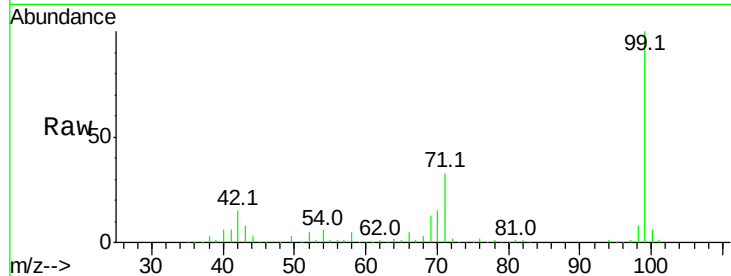
ClientSampled :

CL-02-081717-A

Tot Ion:	99	Resp:	1046135
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	32.9	24.5	36.7

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#10

Phenol

Concen: 2.695 ng

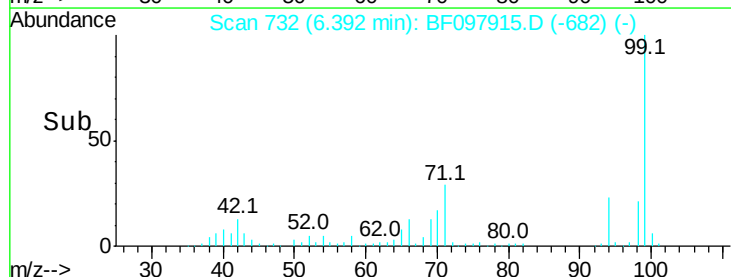
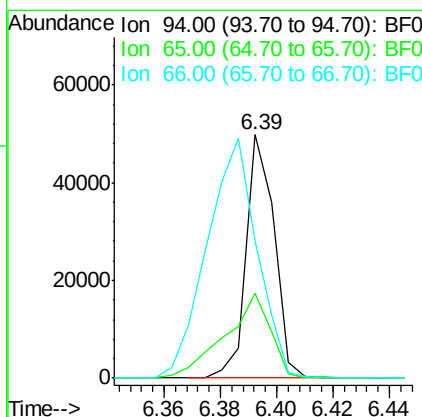
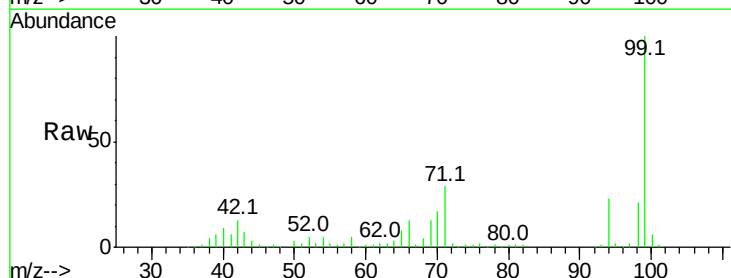
RT: 6.39 min Scan# 732

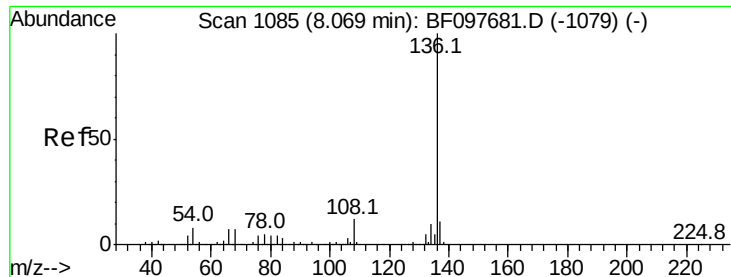
Delta R.T. -0.01 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

Tgt Ion:	94	Resp:	34203
Ion	Ratio	Lower	Upper
94	100		
65	34.7	9.9	49.9
66	56.4	23.1	63.1





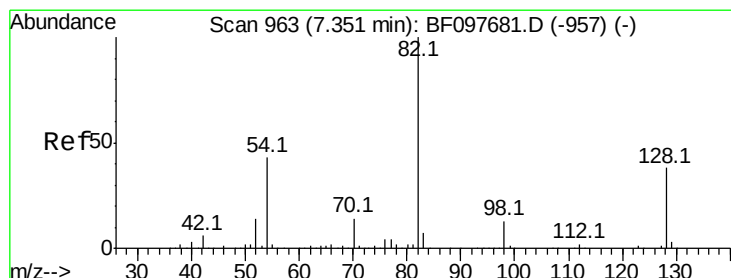
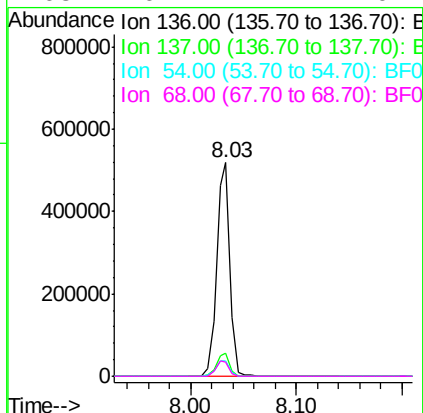
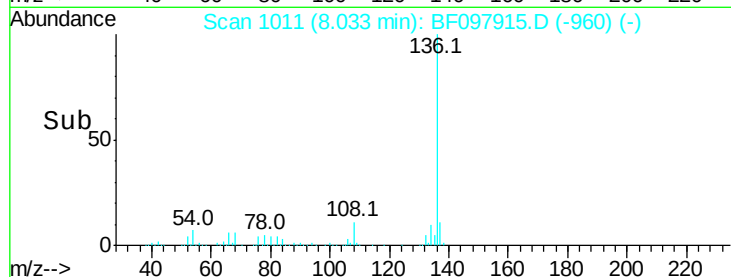
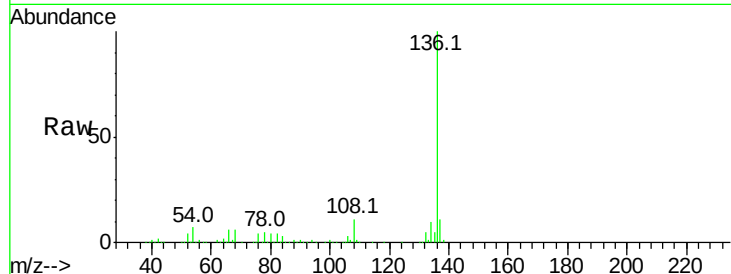
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.5	12.7	
54	7.2	4.9	7.3	
68	6.4	4.1	6.1	

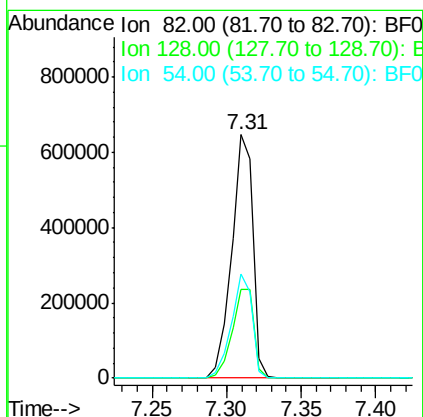
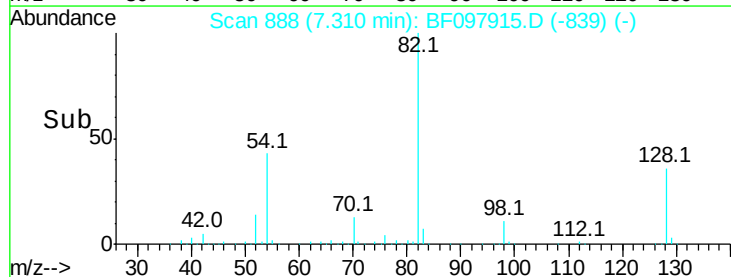
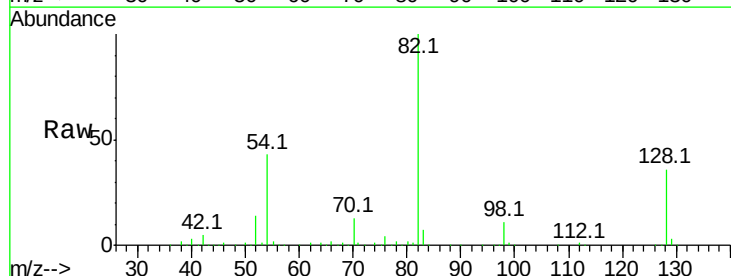
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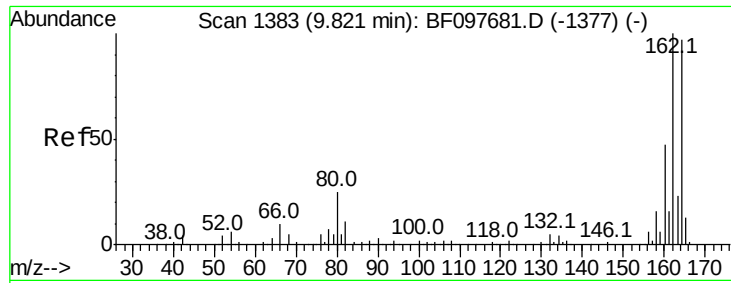
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#23
Nitrobenzene-d5
Concen: 76.703 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.4	34.0	51.0	
54	42.9	42.2	63.2	





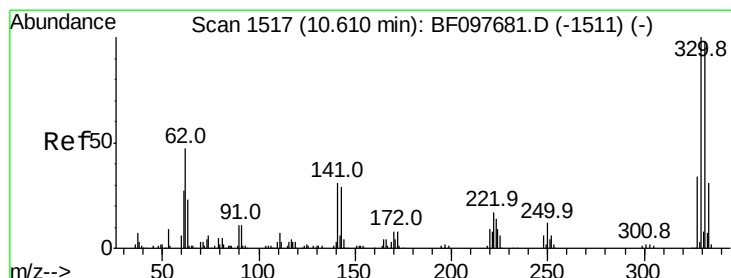
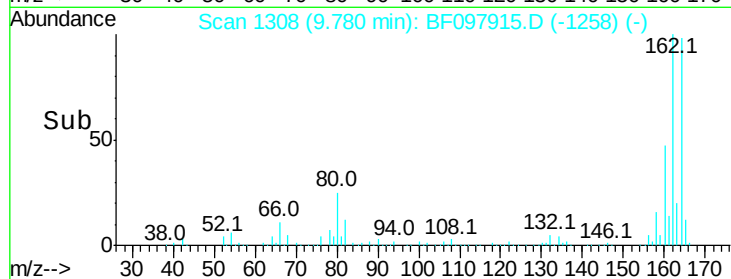
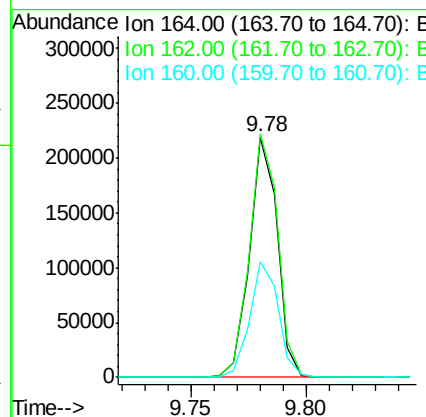
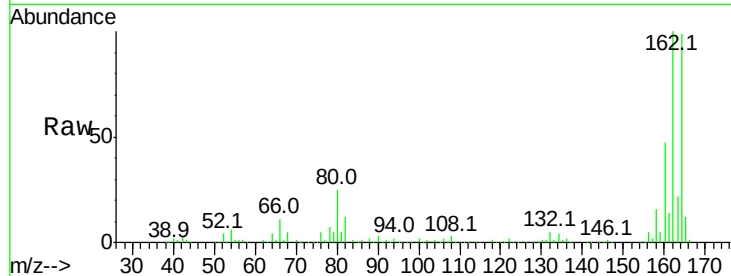
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097915.D
 Acq: 21 Aug 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.6	123.8	
160	48.1	36.2	54.2	

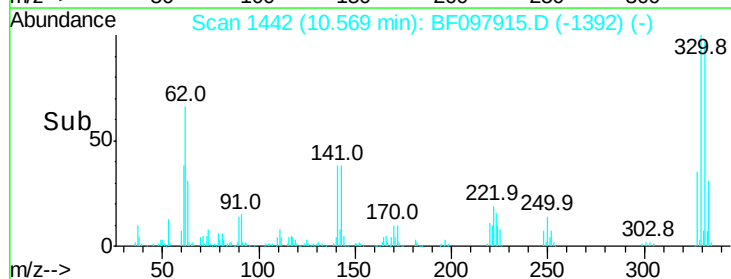
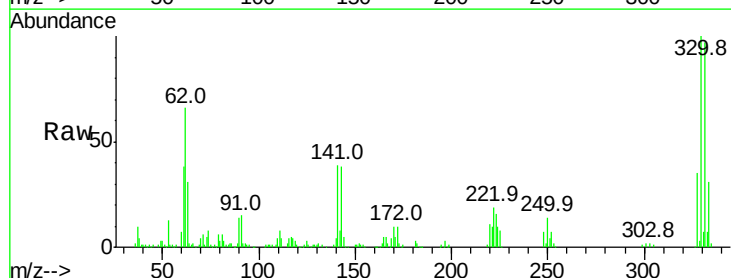
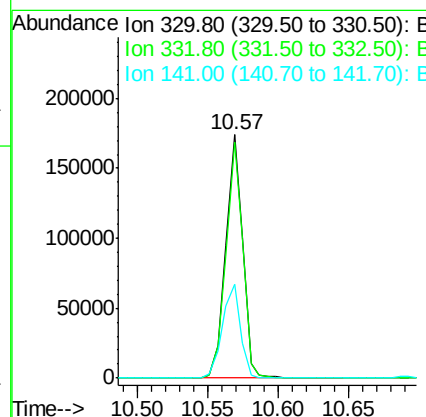
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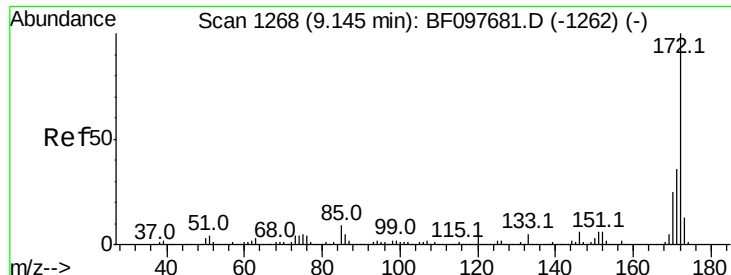
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#41
 2,4,6-Tribromophenol
 Concen: 90.630 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097915.D
 Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	76.6	115.0	
141	41.9	31.4	47.2	





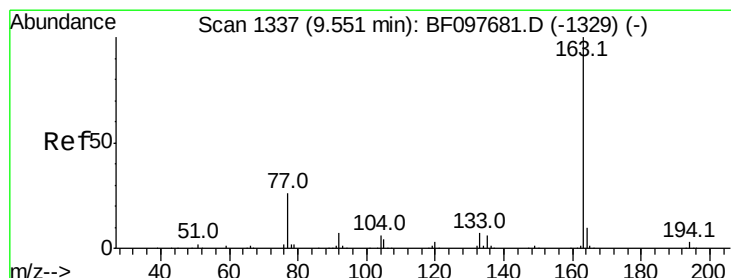
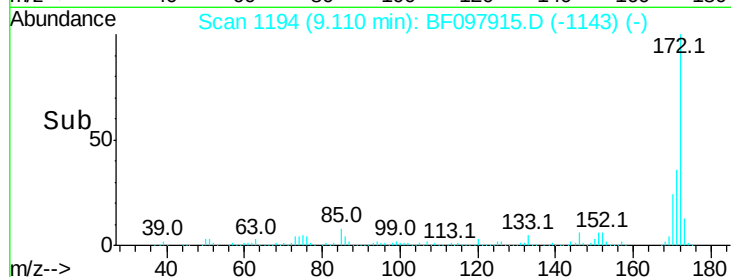
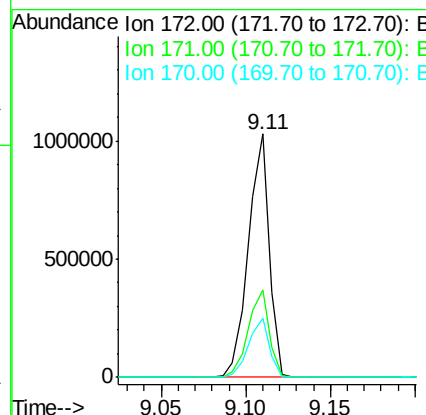
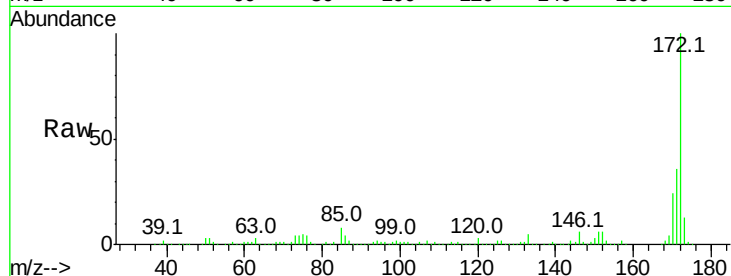
#44
2-Fluorobiphenyl
Concen: 71.248 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Resp	Lower	Upper
172	100	895959		
171	36.1		29.6	44.4
170	24.4		19.8	29.8

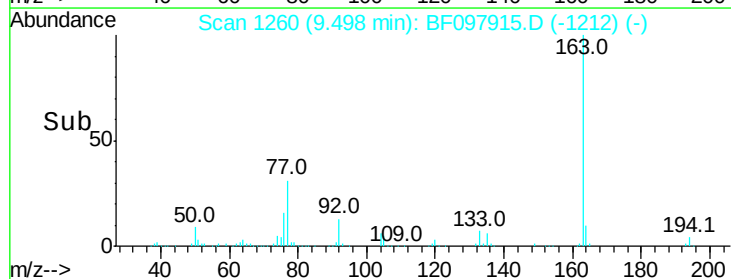
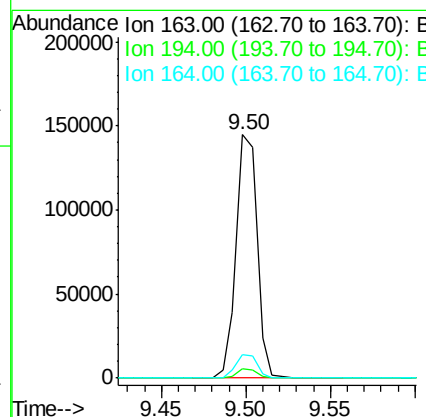
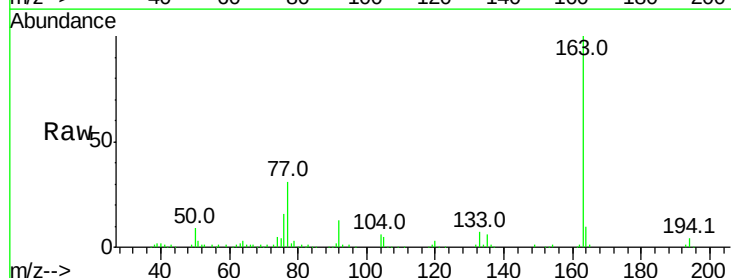
Manual Integrations
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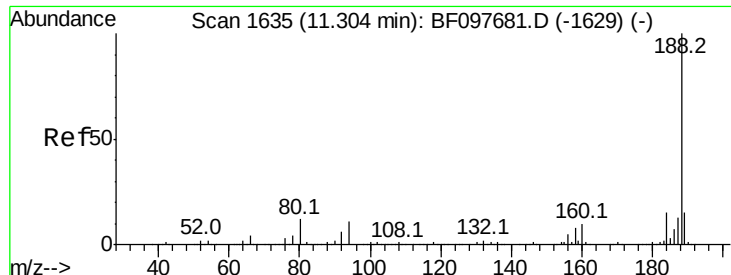
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#49
Dimethylphthalate
Concen: 9.270 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	125187		
194	3.7		2.6	4.0
164	9.8		8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

Instrument :

BNA_F

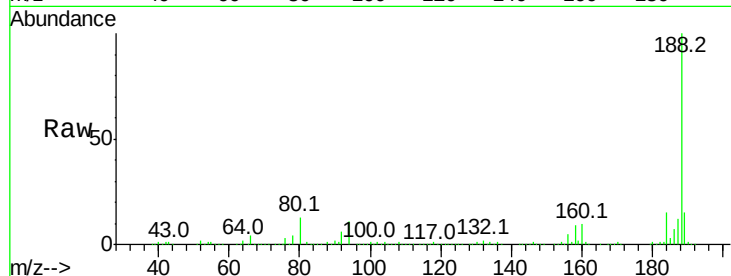
ClientSampleId :

CL-02-081717-A

Tot Ion:	188	Resp:	297947
Ion Ratio	Lower	Upper	
188	100		
94	11.3	9.4	14.2
80	12.6	10.2	15.2

Manual Integrations
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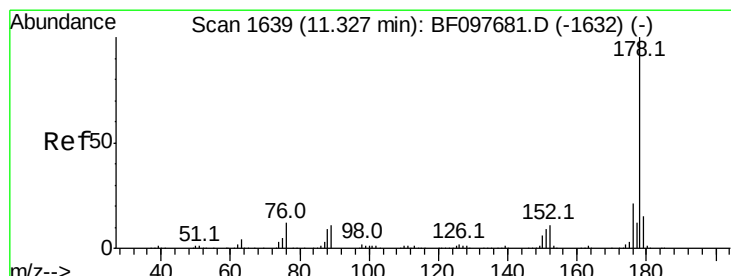
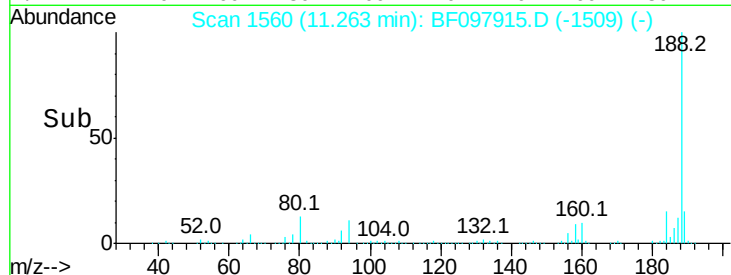
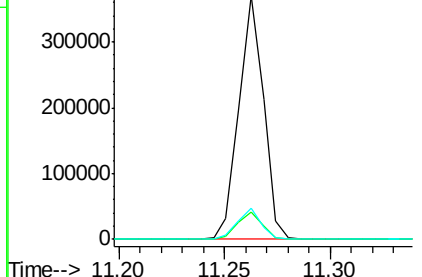
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#70

Phenanthrene

Concen: 11.274 ng

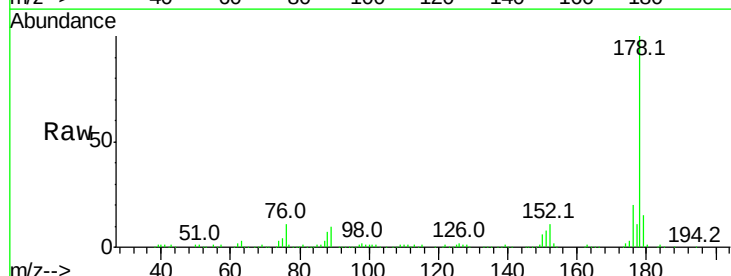
RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

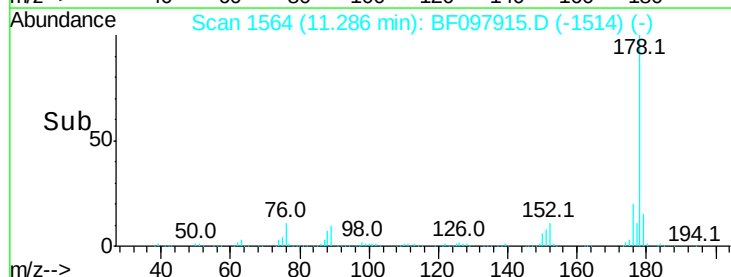
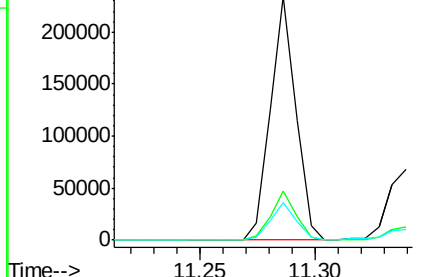
Tgt Ion:	178	Resp:	178993
Ion Ratio	Lower	Upper	
178	100		
176	20.1	16.2	24.4
179	15.4	12.6	19.0

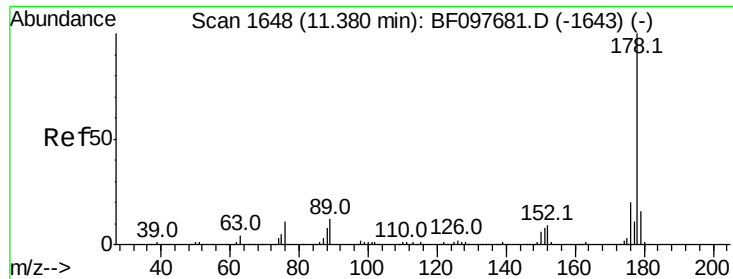


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





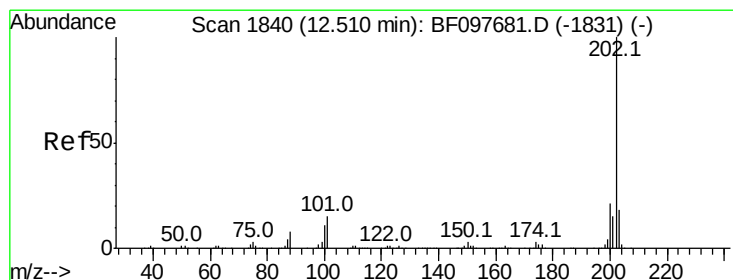
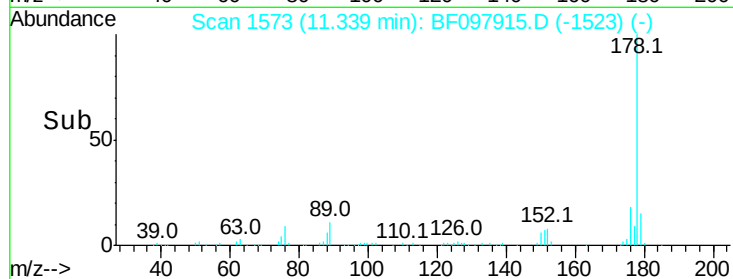
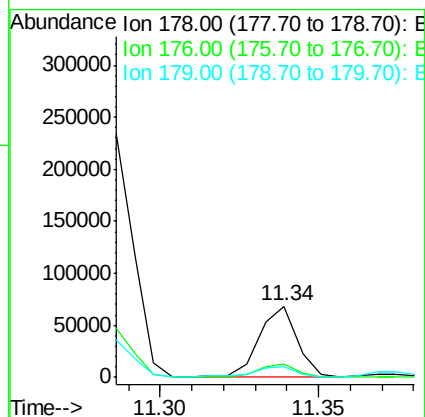
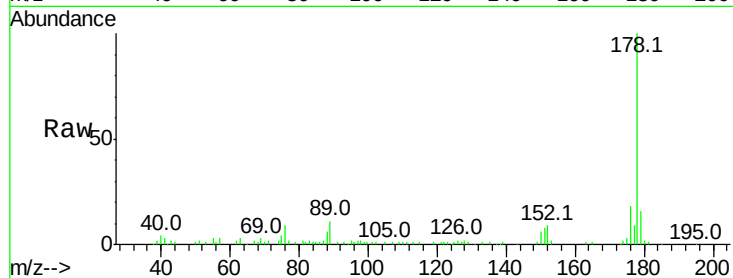
#71
 Anthracene
 Concen: 3.487 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF097915.D
 Acq: 21 Aug 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.8	12.7	19.1

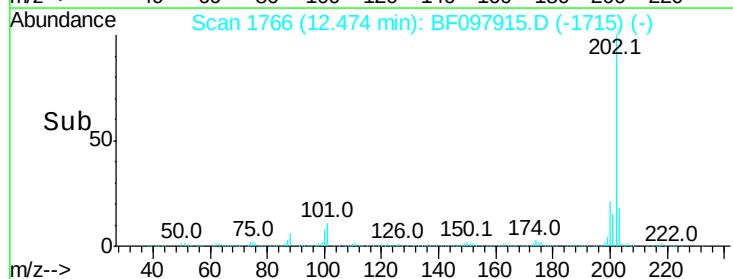
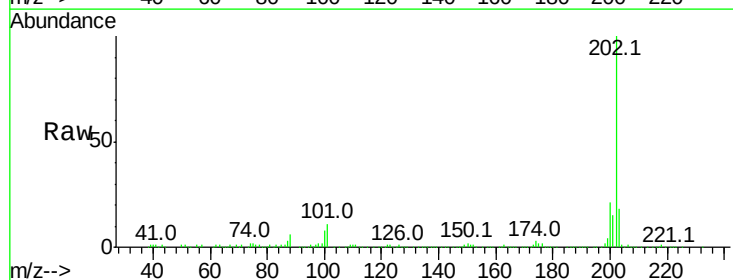
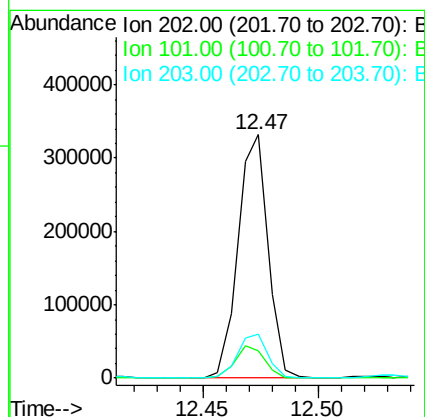
Manual Integrations
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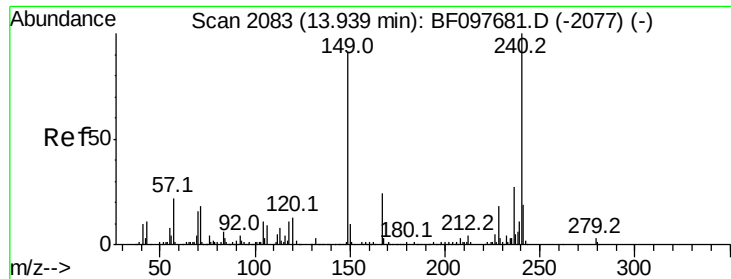
Sohil
 8/22/2017 5:44:33 PM



#74
 Fluoranthene
 Concen: 18.065 ng
 RT: 12.47 min Scan# 1766
 Delta R.T. -0.00 min
 Lab File: BF097915.D
 Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	33.2
203	17.8	0.0	38.1





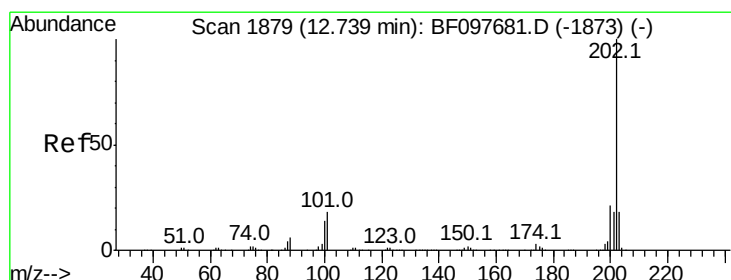
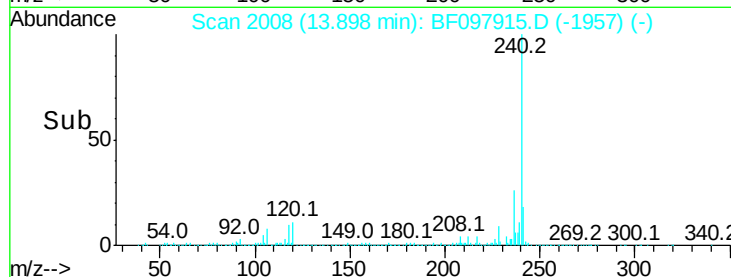
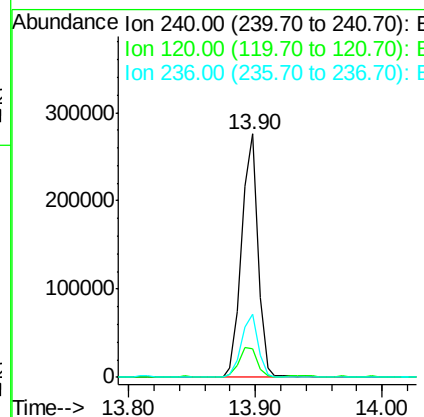
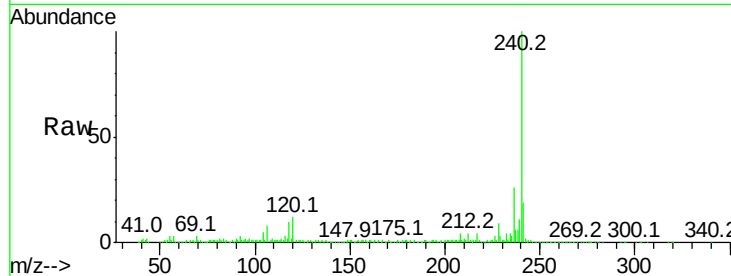
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Resp	Lower	Upper
240	100	242592		
120	11.8	5.8	8.8#	
236	25.7	20.5	30.7	

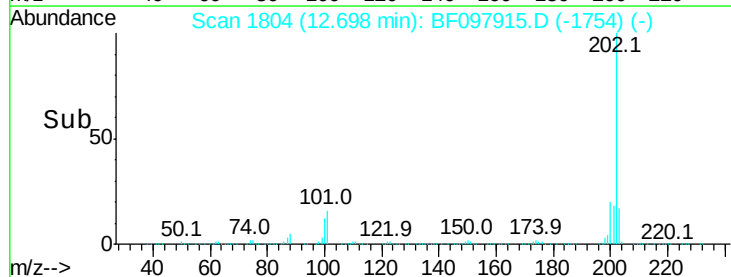
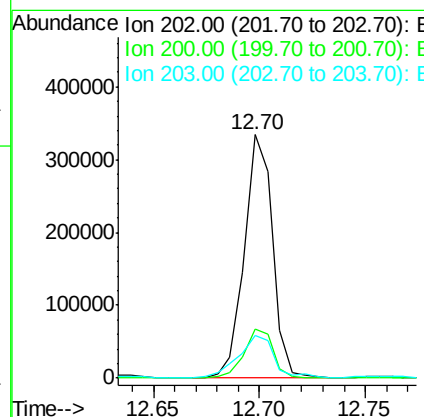
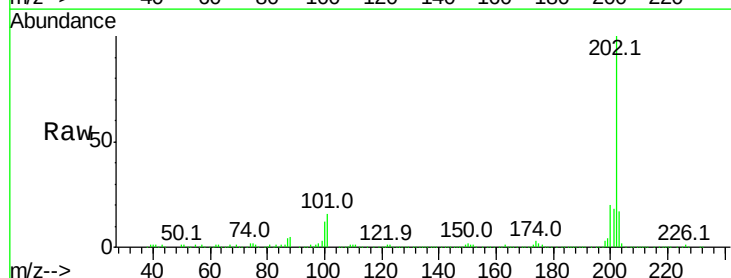
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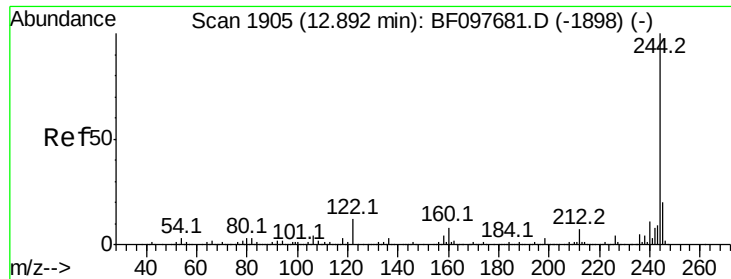
Sohil
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#77
Pyrene
Concen: 15.539 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	308322		
200	20.4	17.6	26.4	
203	17.3	14.4	21.6	





#78

Terphenyl-d14

Concen: 50.925 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

Instrument :

BNA_F

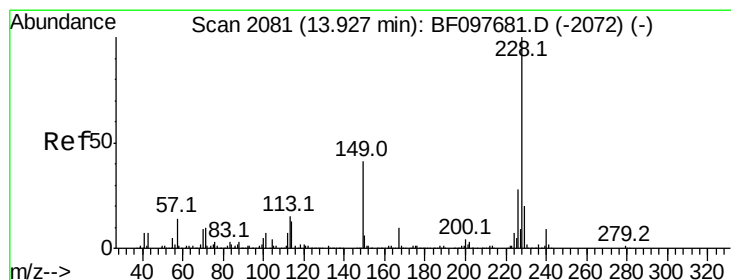
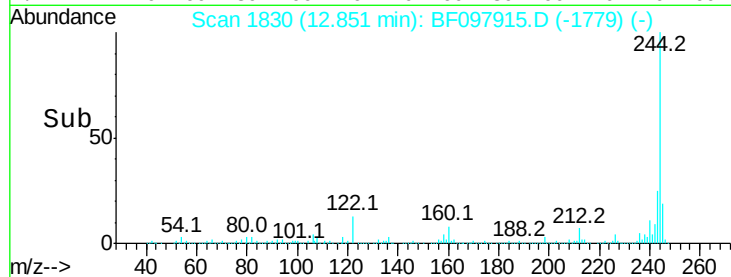
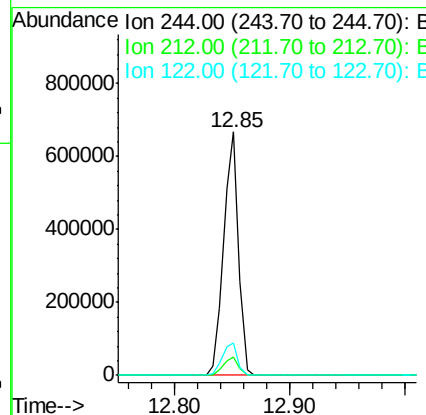
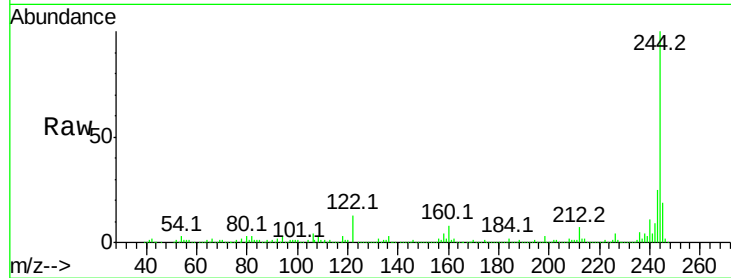
ClientSampleId :

CL-02-081717-A

Tot Ion:	244	Resp:	592417
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	13.1	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 9.649 ng

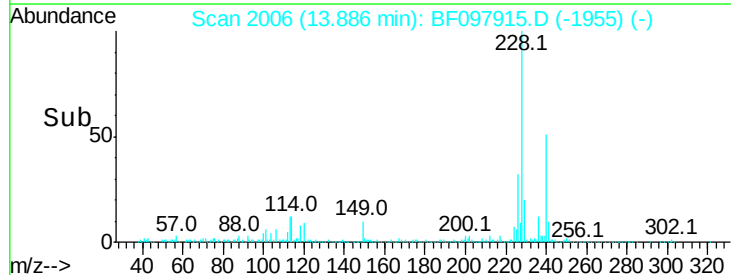
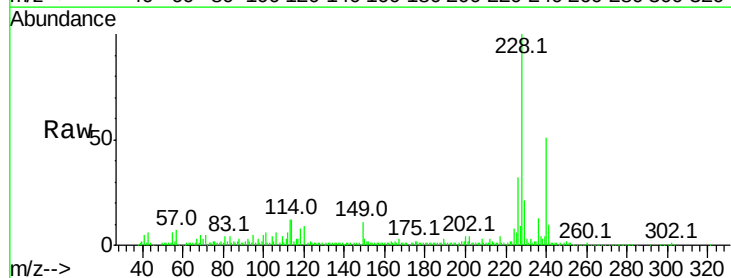
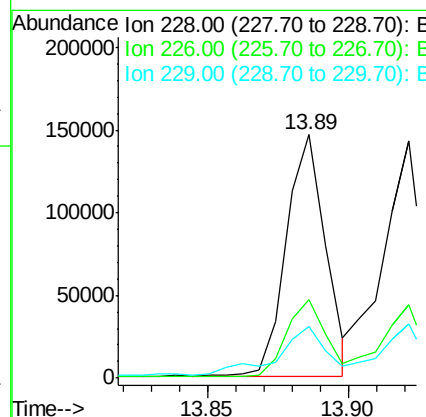
RT: 13.89 min Scan# 2006

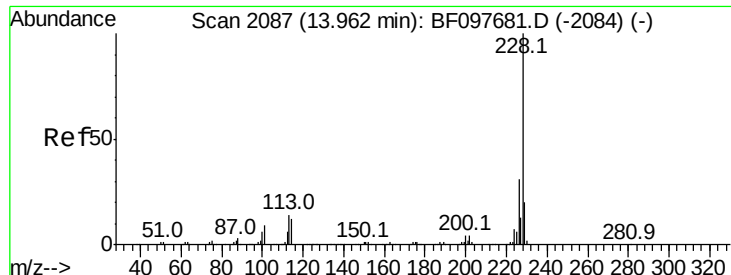
Delta R.T. -0.00 min

Lab File: BF097915.D

Acq: 21 Aug 2017 19:51

Tgt Ion:	228	Resp:	140295
Ion Ratio	Lower	Upper	
228	100		
226	32.4	22.6	33.8
229	20.9	16.3	24.5





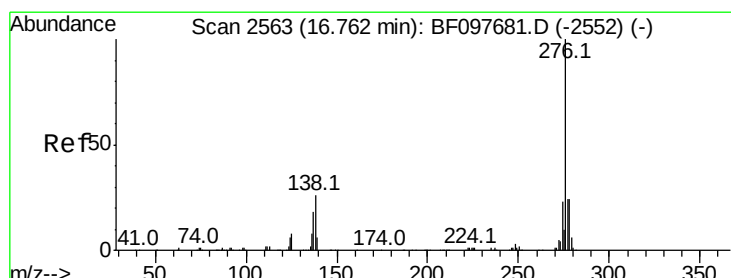
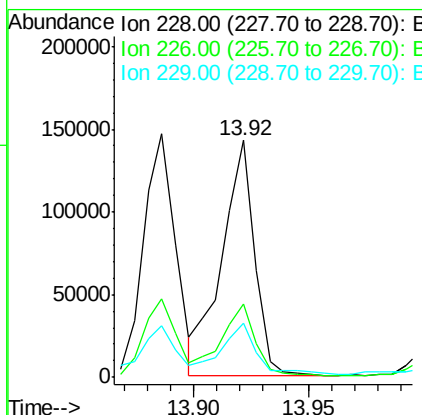
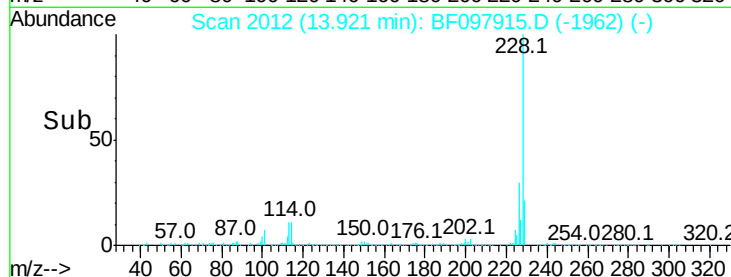
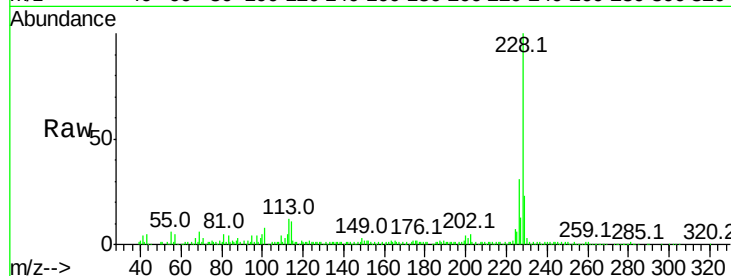
#82
Chrysene
Concen: 9.716 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.6	15.8	23.6

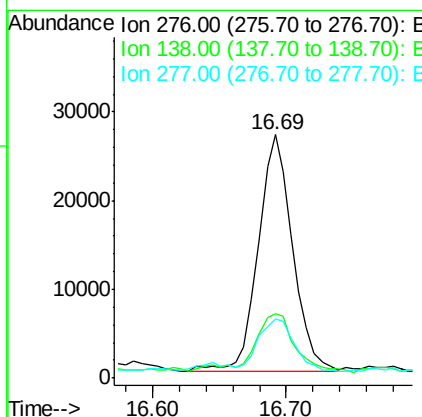
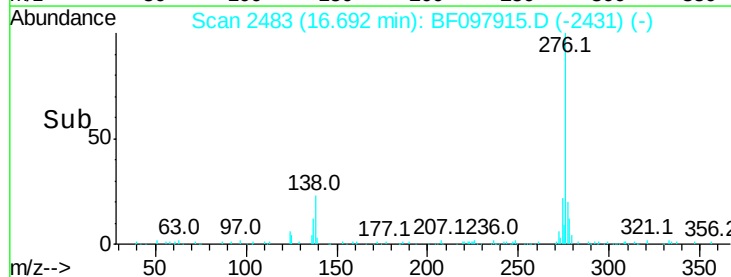
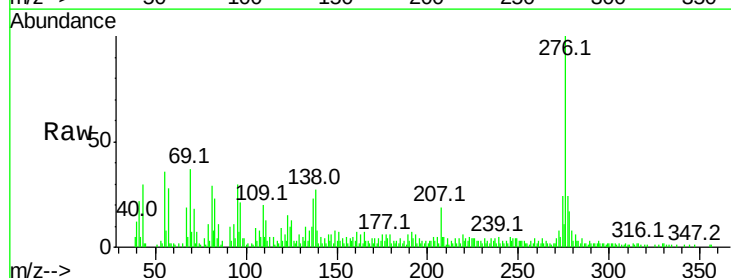
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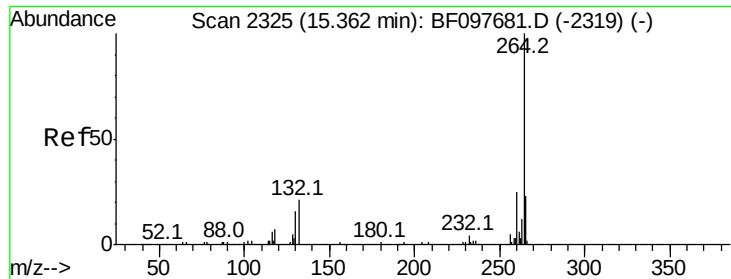
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#85
Indeno(1,2,3-cd)pyrene
Concen: 4.444 ng
RT: 16.69 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	27.8	41.6#
277	23.9	20.2	30.4





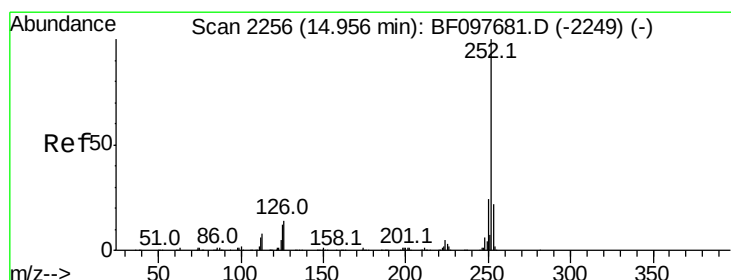
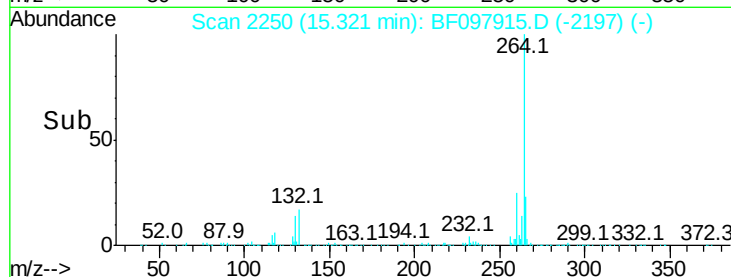
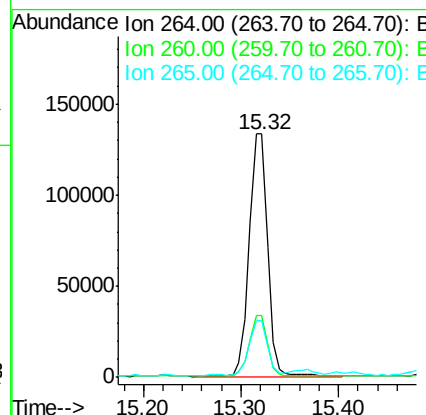
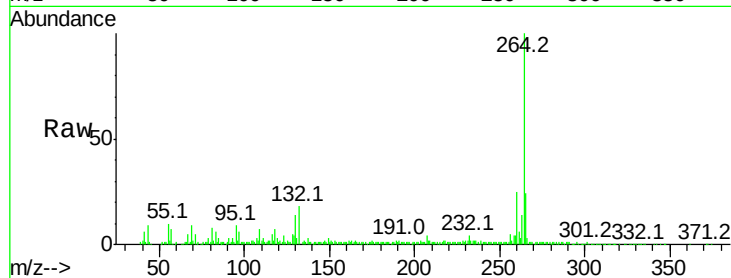
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	23.6	17.2	25.8

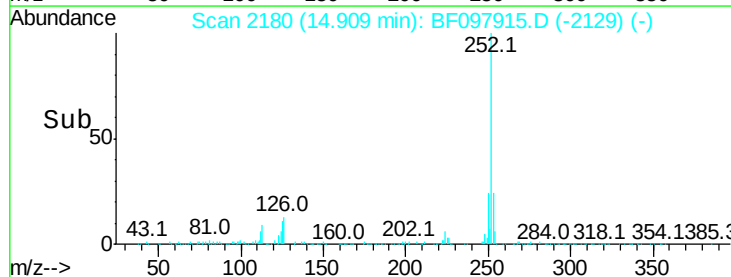
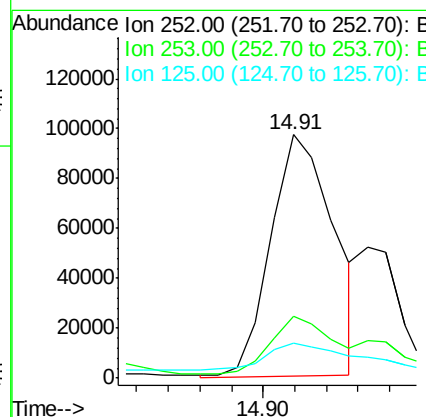
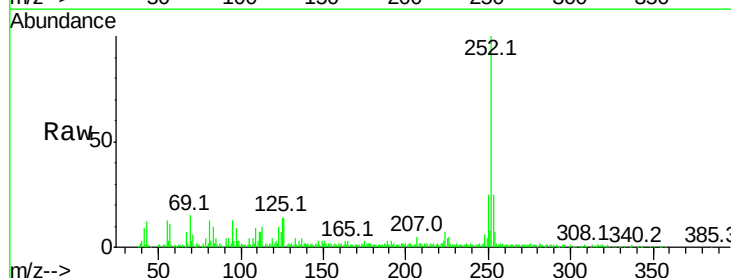
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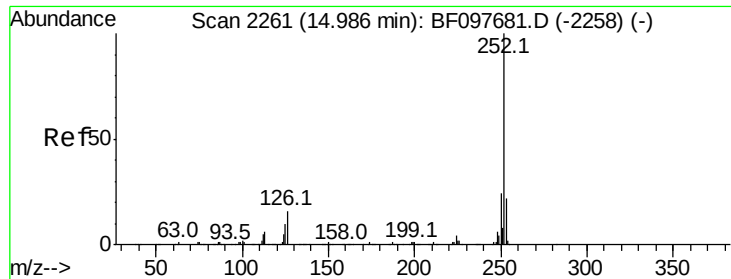
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#87
Benzo(b)fluoranthene
Concen: 12.193 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.1	27.1
125	14.3	9.8	14.8





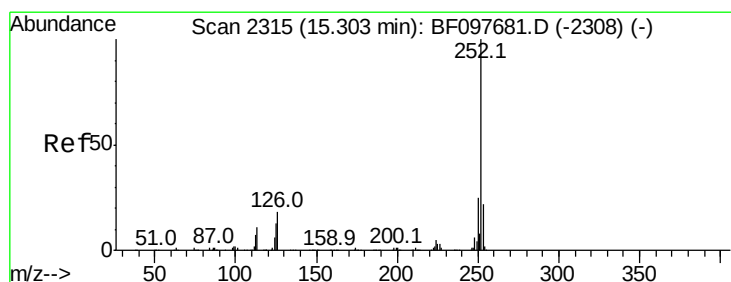
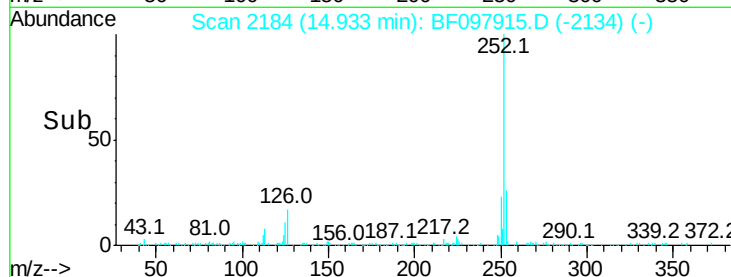
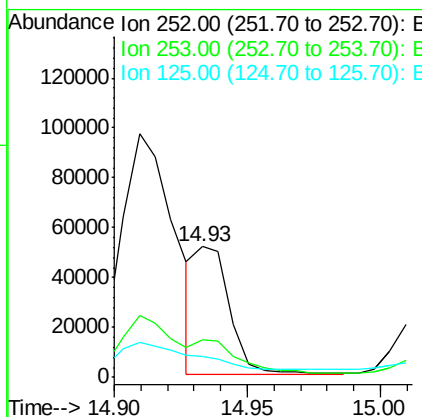
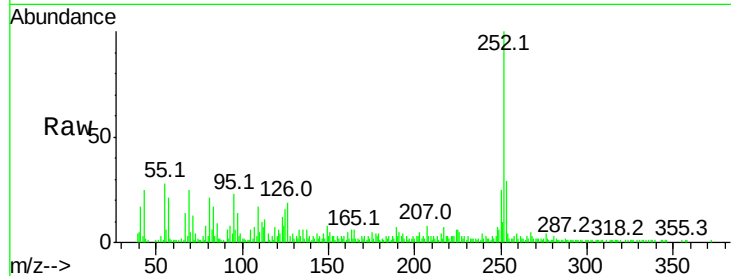
#88
Benzo(k)fluoranthene
Concen: 4.422 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Instrument :
BNA_F
ClientSampleId :
CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.1	18.4	27.6#
125	16.5	13.1	19.7

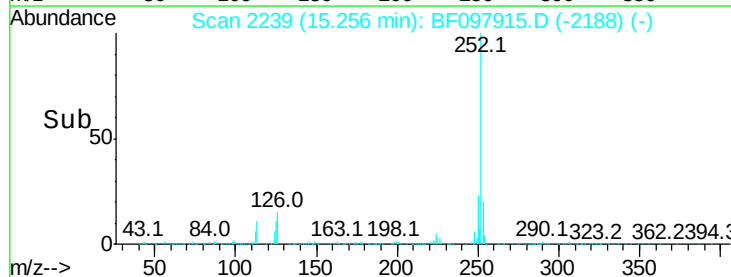
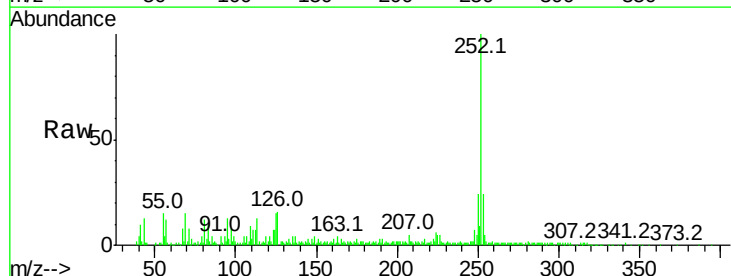
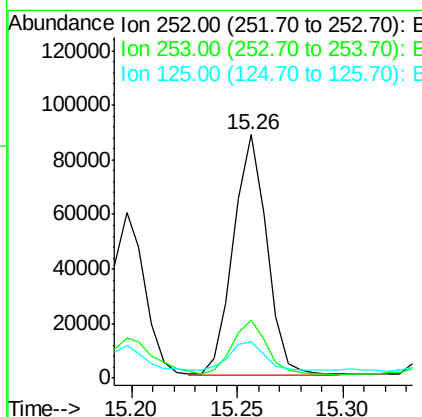
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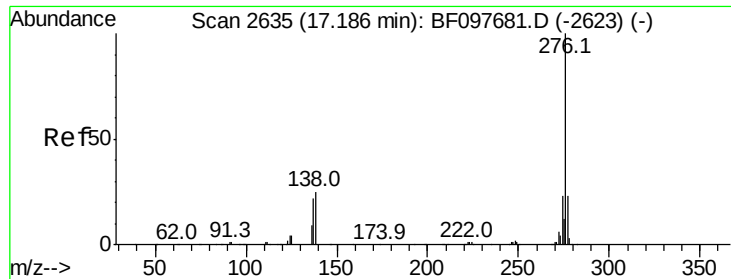
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#89
Benzo(a)pyrene
Concen: 9.873 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097915.D
Acq: 21 Aug 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.9	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 5.622 ng
 RT: 17.11 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: BF097915.D
 Acq: 21 Aug 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-081717-A

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.6	18.6	28.0
138	27.9	25.4	38.0

Manual Integrations
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