

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097981.D
 Acq On : 23 Aug 2017 4:10
 Operator : SJ/JU
 Sample : I4908-04 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-082117-B

Manual Integrations
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 8/23/2017 3:04:06 PM

Quant Time: Aug 23 05:19:18 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	135752	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	509551	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	203005	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	321440	20.00	ng	0.00
75) Chrysene-d12	13.90	240	288963	20.00	ng	0.00
86) Perylene-d12	15.32	264	219147	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	236603	26.51	ng	0.00
7) Phenol-d6	6.37	99	309327	25.51	ng	-0.01
23) Nitrobenzene-d5	7.31	82	181154	19.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	35424	20.11	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	312208	22.60	ng	0.00
78) Terphenyl-d14	12.85	244	208708	15.06	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	35030	2.361	ng	99
74) Fluoranthene	12.47	202	59379	3.321	ng	99
77) Pyrene	12.70	202	58382	2.470	ng	98
80) Benzo(a)anthracene	13.89	228	37923m	2.190	ng	
82) Chrysene	13.92	228	35910	2.084	ng	96
87) Benzo(b)fluoranthene	14.92	252	54243m	3.927	ng	
89) Benzo(a)pyrene	15.26	252	32342	2.645	ng	96
91) Benzo(g,h,i)perylene	17.11	276	20779	2.000	ng	96

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

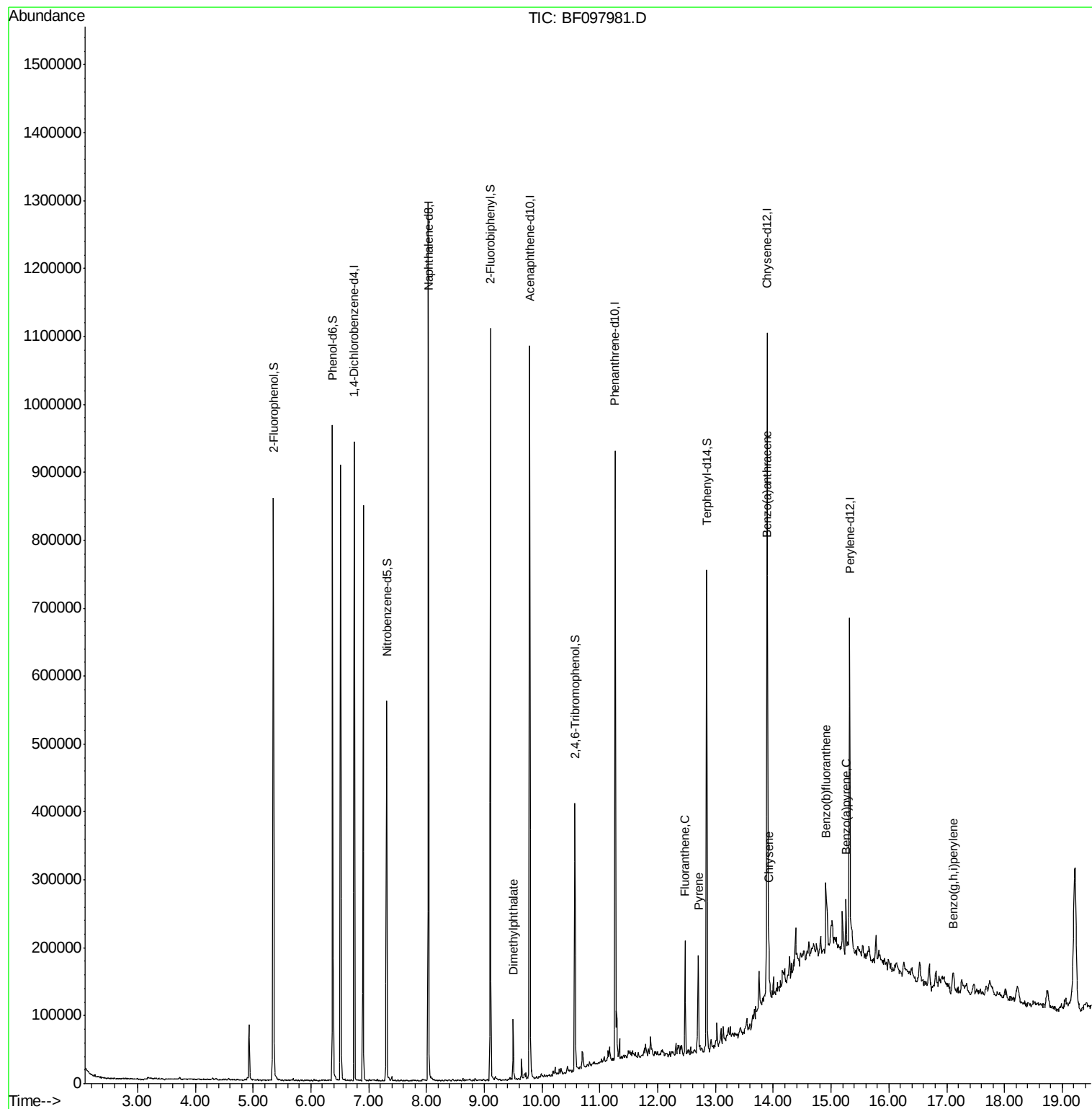
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
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Misc :
ALS Vial : 25 Sample Multiplier: 1

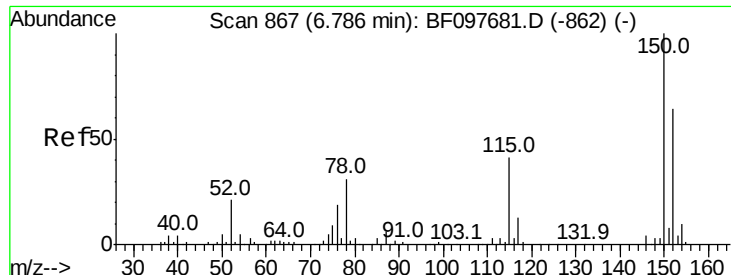
Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

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Quant Time: Aug 23 05:19:18 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





#1

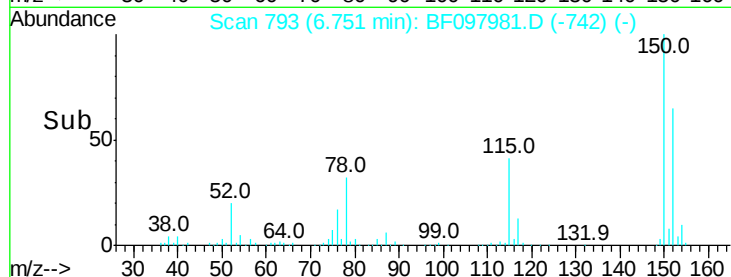
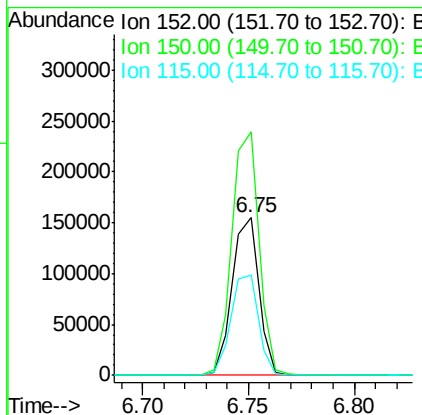
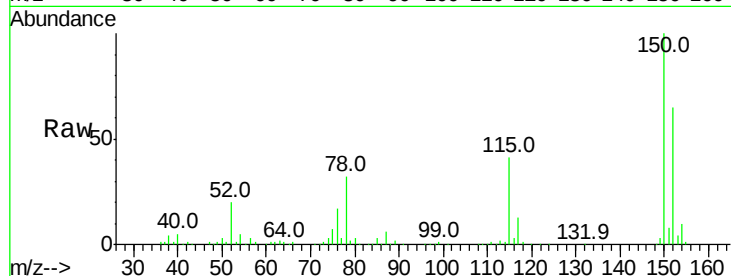
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.2	189.2
115	63.4	52.2	78.2

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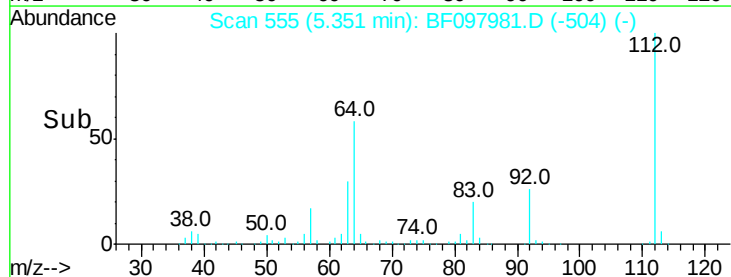
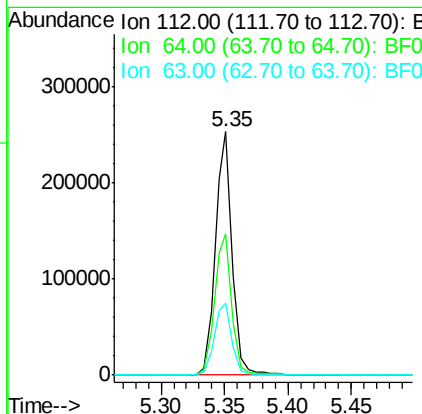
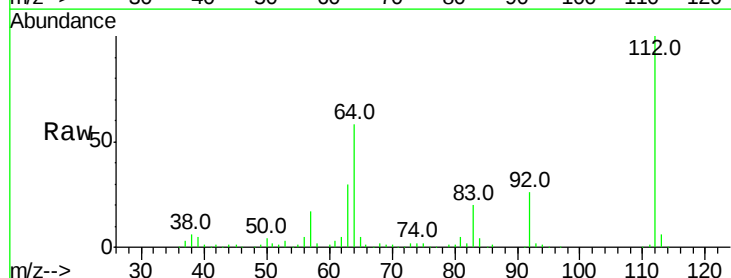
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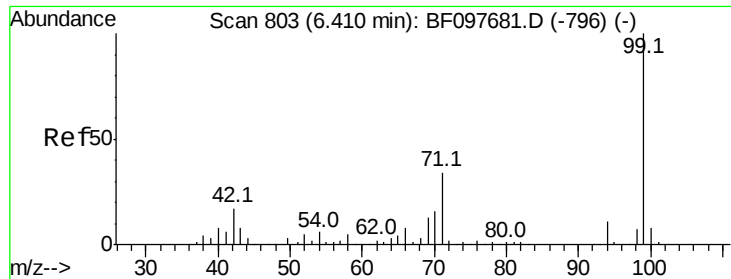


#5

2-Fluorophenol
Concen: 26.511 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.1	46.0	69.0
63	29.8	23.4	35.0





#7

Phenol-d6

Concen: 25.509 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Instrument :

BNA_F

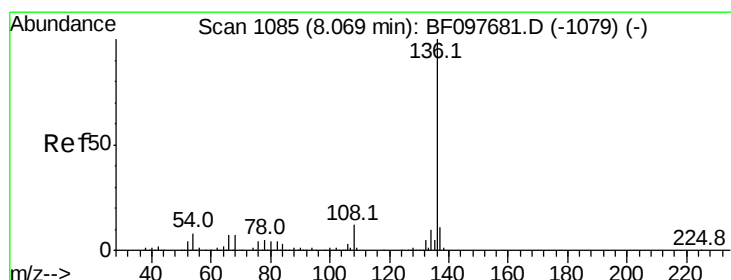
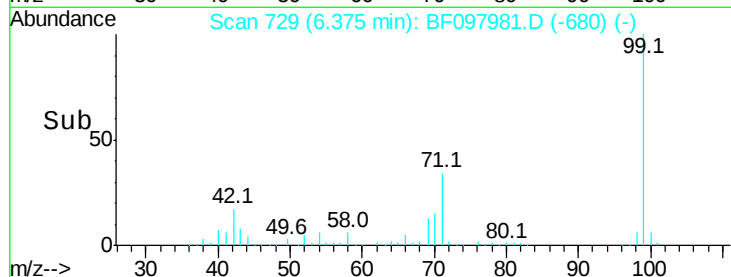
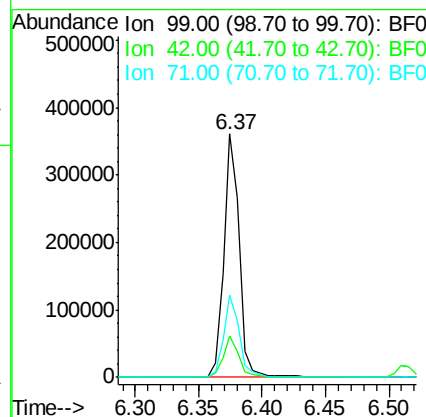
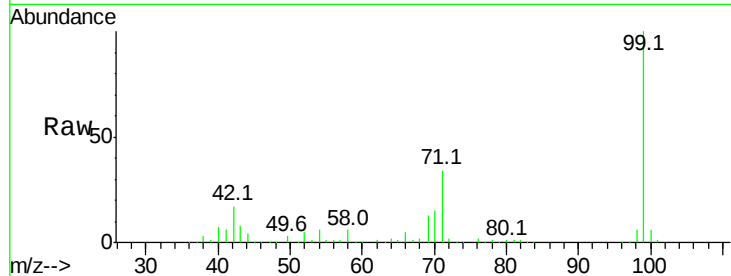
ClientSampleId :

TR-04-082117-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		309327		
42	17.0	13.5	20.3		
71	33.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

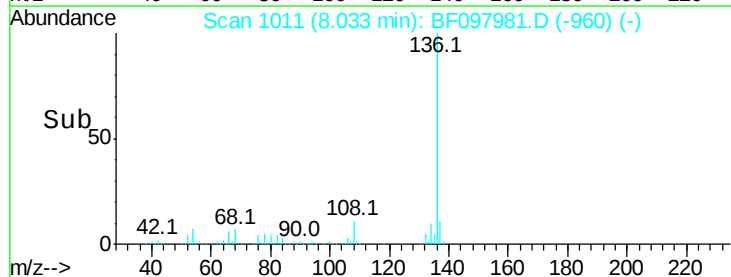
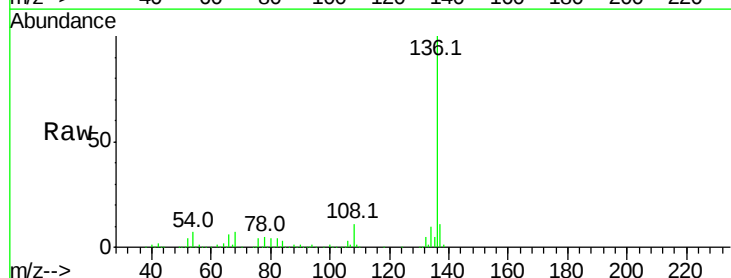
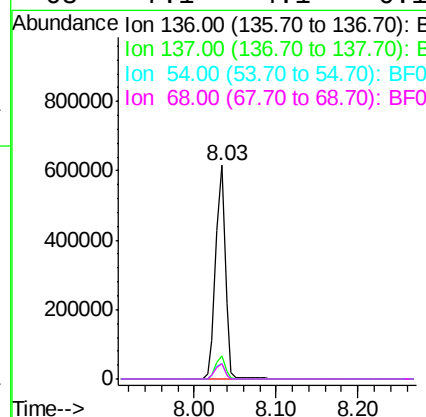
RT: 8.03 min Scan# 1011

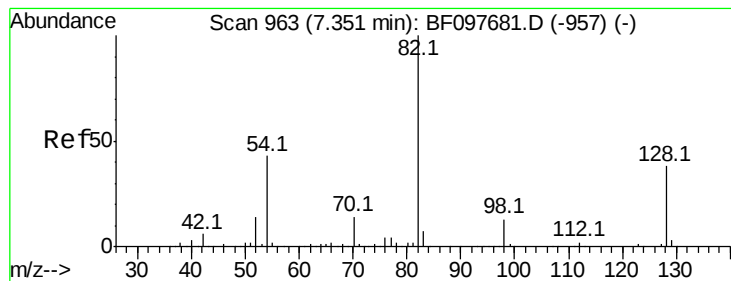
Delta R.T. -0.00 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		509551		
137	11.0	8.5	12.7		
54	7.3	4.9	7.3		
68	7.1	4.1	6.1#		





#23

Nitrobenzene-d5

Concen: 19.313 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Instrument :

BNA_F

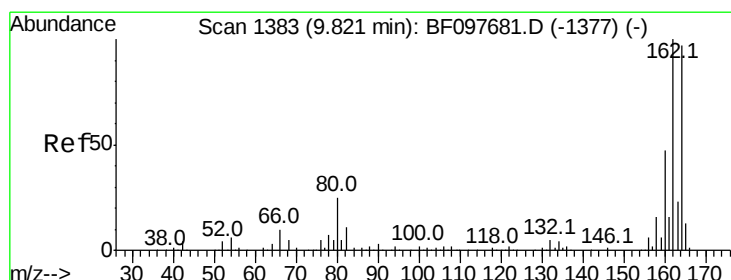
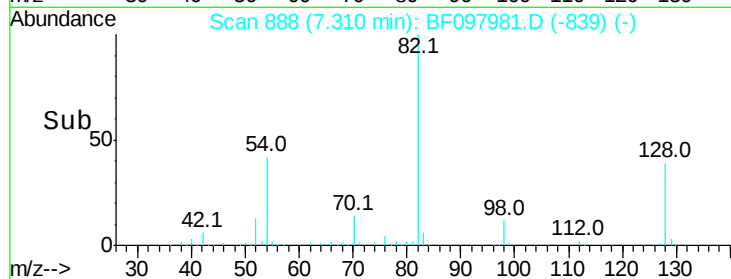
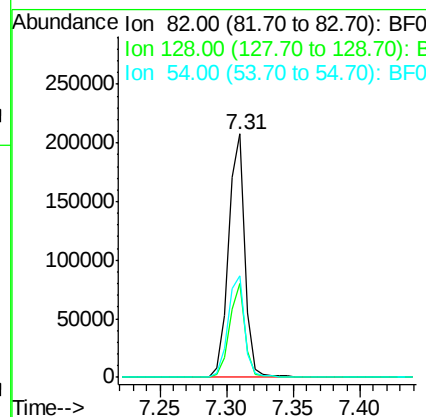
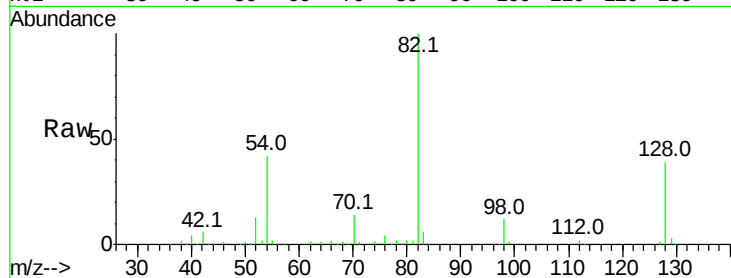
ClientSampleId :

TR-04-082117-B

Tot Ion:	82	Resp:	181154
Ion Ratio	Lower	Upper	
82	100		
128	38.5	34.0	51.0
54	41.6	42.2	63.2#

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#38

Acenaphthene-d10

Concen: 20.000 ng

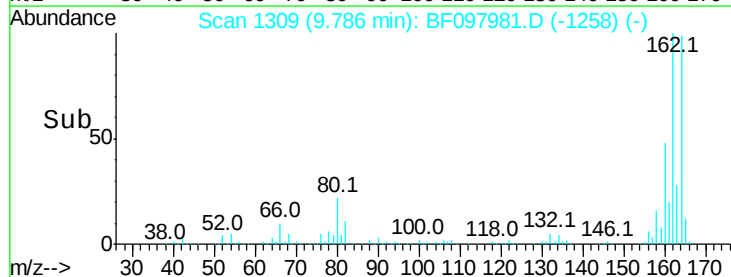
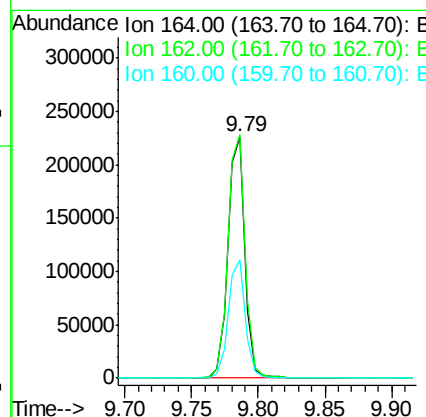
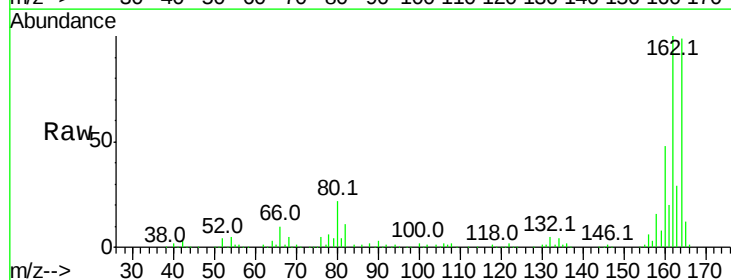
RT: 9.79 min Scan# 1309

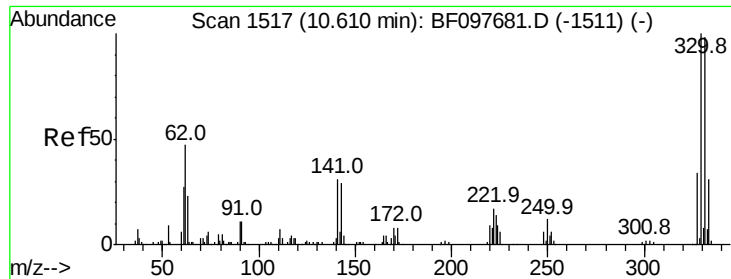
Delta R.T. -0.00 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Tgt Ion:	164	Resp:	203005
Ion Ratio	Lower	Upper	
164	100		
162	100.9	82.6	123.8
160	48.9	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 20.111 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Instrument :

BNA_F

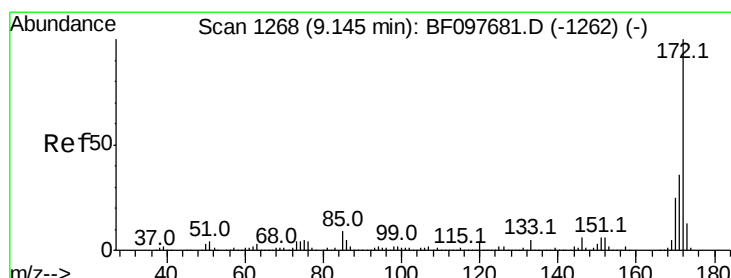
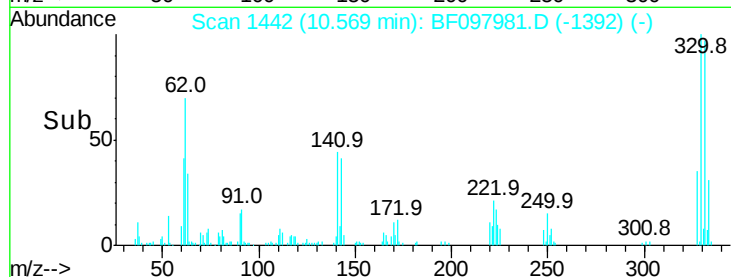
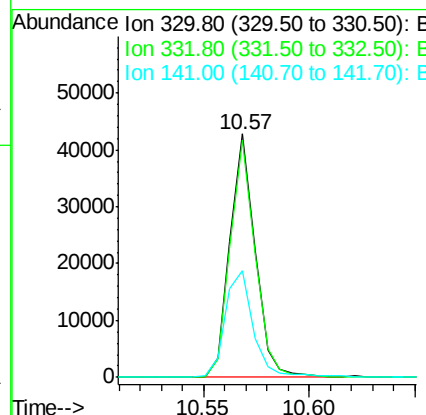
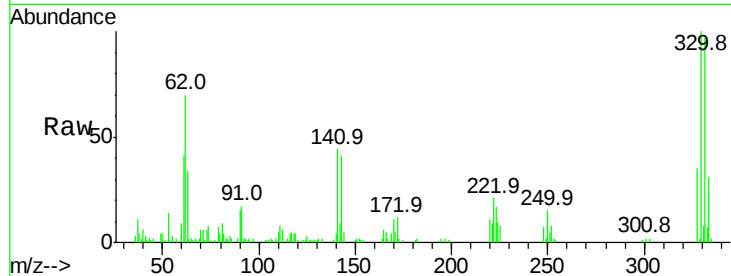
ClientSampleId :

TR-04-082117-B

Tot Ion:	330	Resp:	35424
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.6	115.0
141	49.4	31.4	47.2#

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#44

2-Fluorobiphenyl

Concen: 22.595 ng

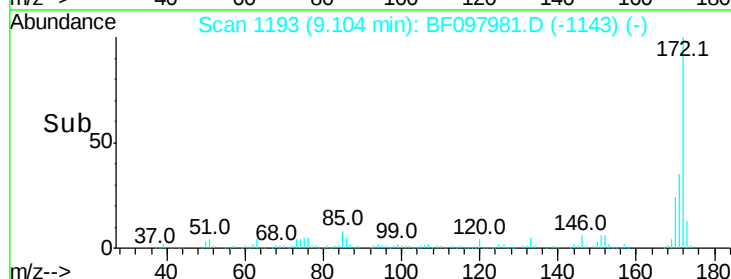
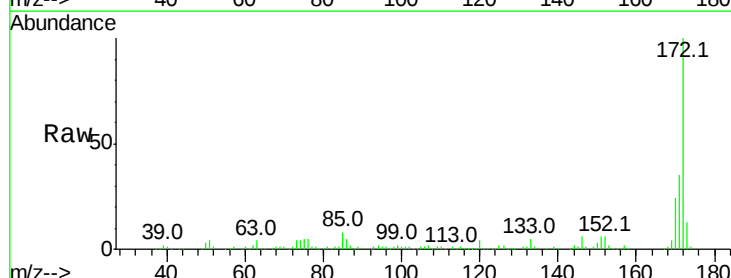
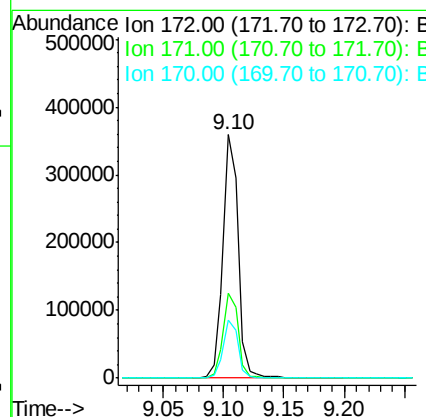
RT: 9.10 min Scan# 1193

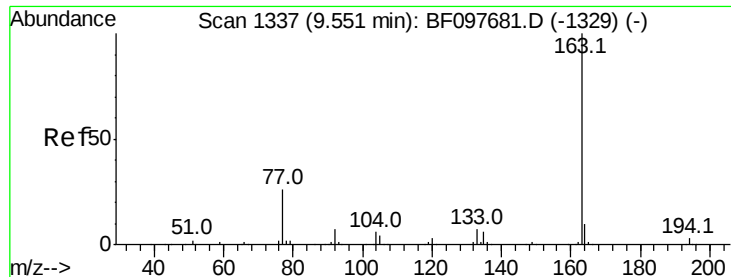
Delta R.T. -0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Tgt Ion:	172	Resp:	312208
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.6	44.4
170	24.0	19.8	29.8





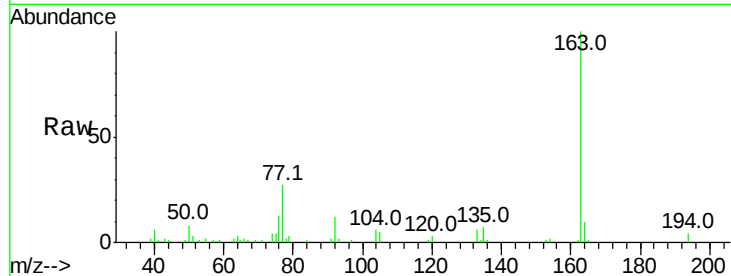
#49
Dimethylphthalate
Concen: 2.361 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

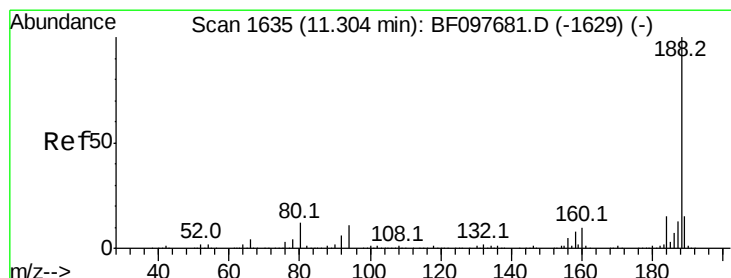
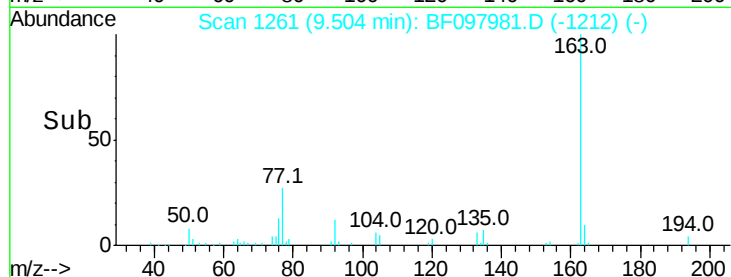
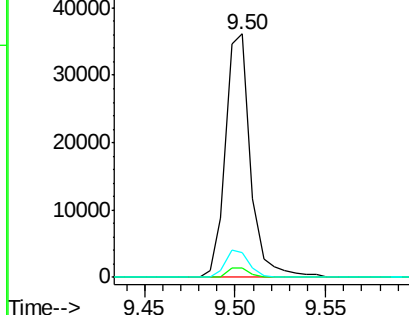
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.3	8.4	12.6

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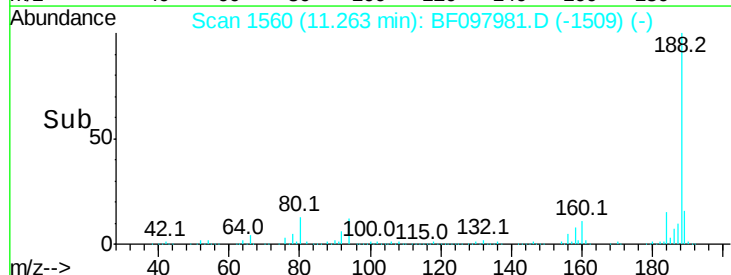
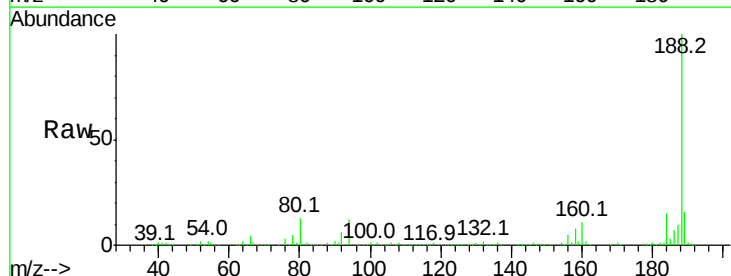
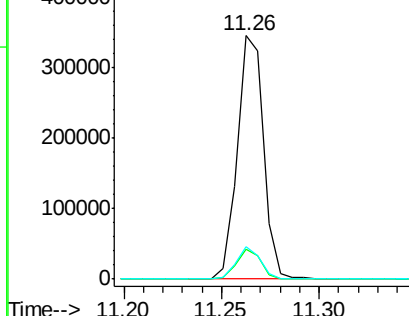
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

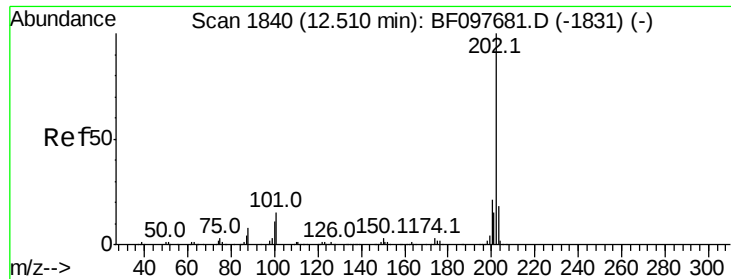


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.4	14.2
80	13.4	10.2	15.2

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





#74

Fluoranthene

Concen: 3.321 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.00 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Instrument :

BNA_F

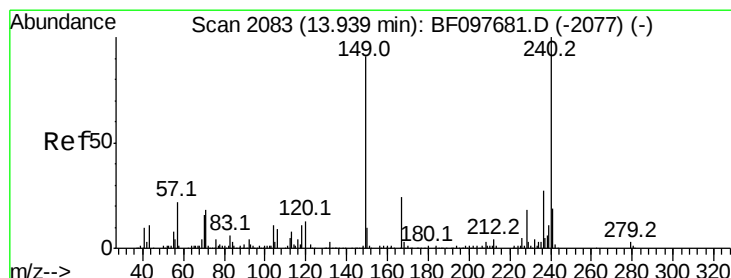
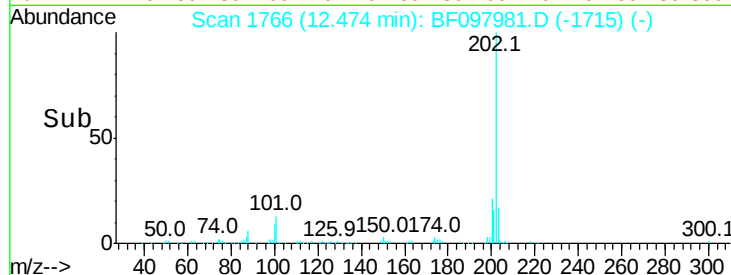
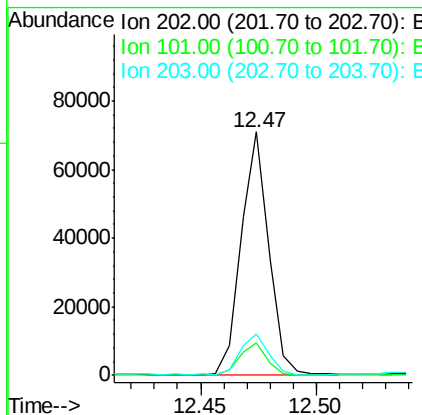
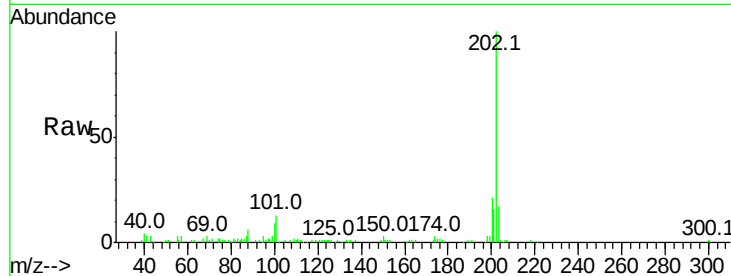
ClientSampleId :

TR-04-082117-B

Tot Ion:	202	Resp:	59379
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.1	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

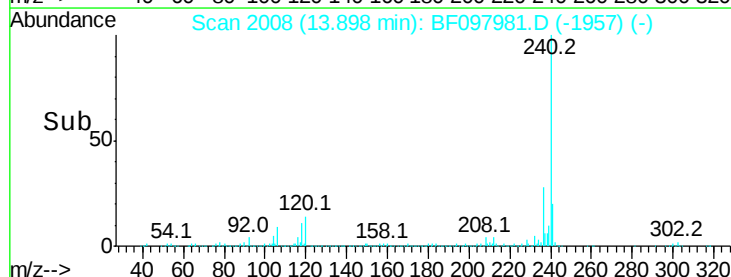
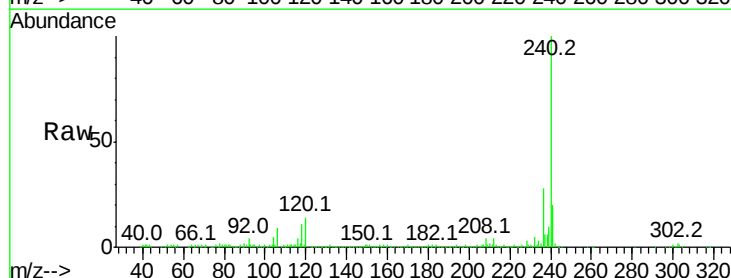
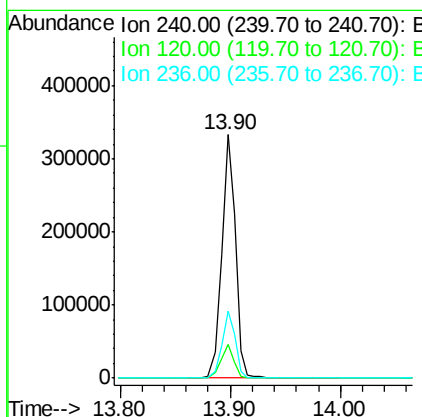
RT: 13.90 min Scan# 2008

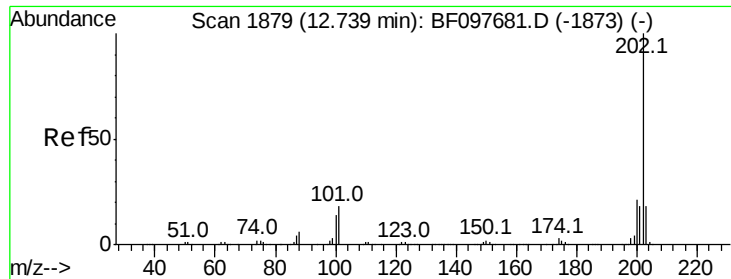
Delta R.T. -0.00 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Tgt Ion:	240	Resp:	288963
Ion Ratio	Lower	Upper	
240	100		
120	13.9	5.8	8.8#
236	27.7	20.5	30.7





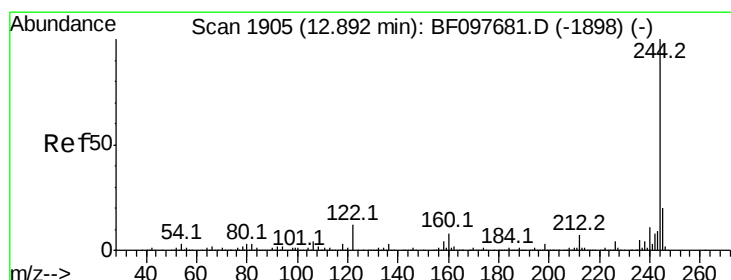
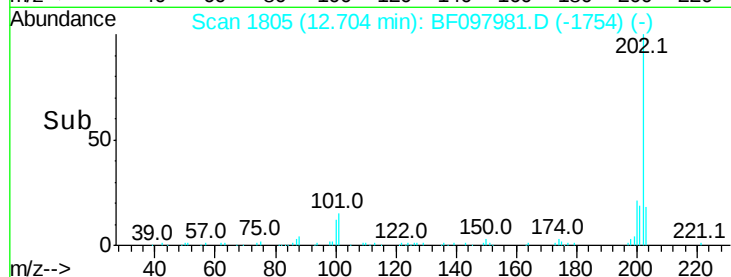
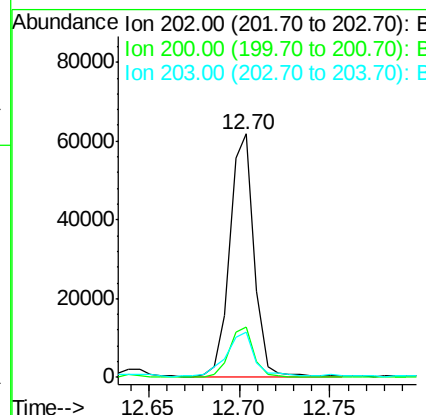
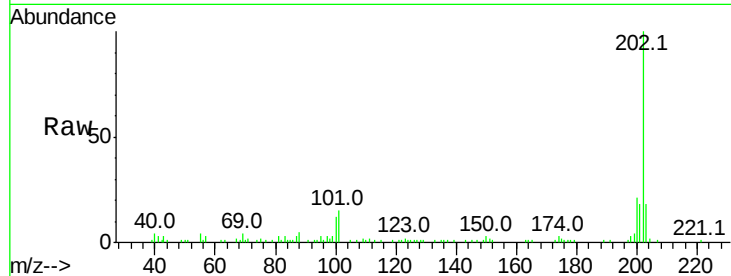
#77
Pvrene
Concen: 2.470 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.7	17.6	26.4
203	18.4	14.4	21.6

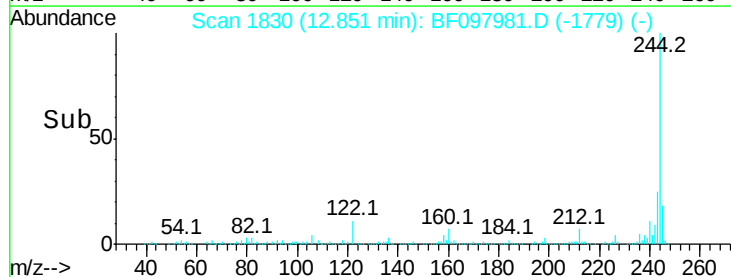
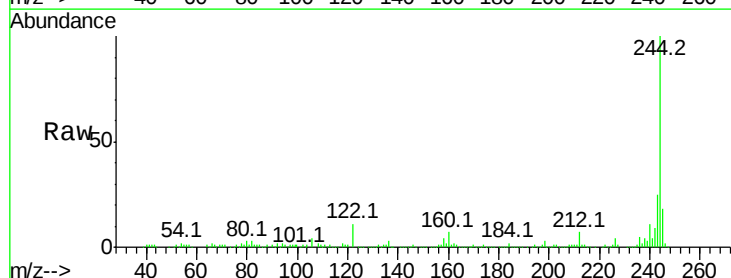
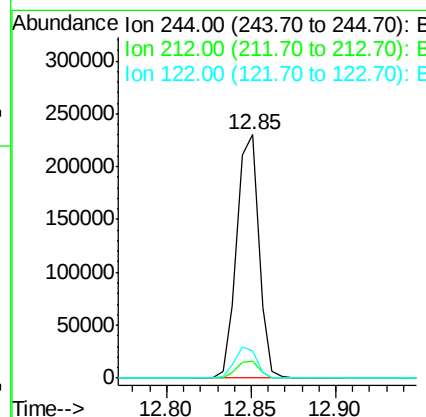
Manual Integrations
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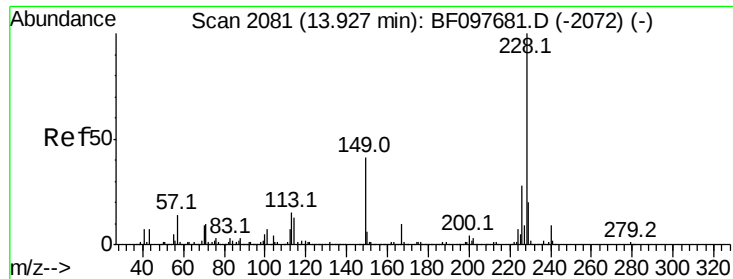
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#78
Terphenyl-d14
Concen: 15.062 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	10.3	15.5





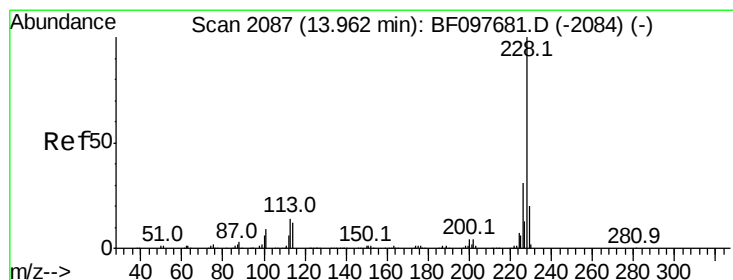
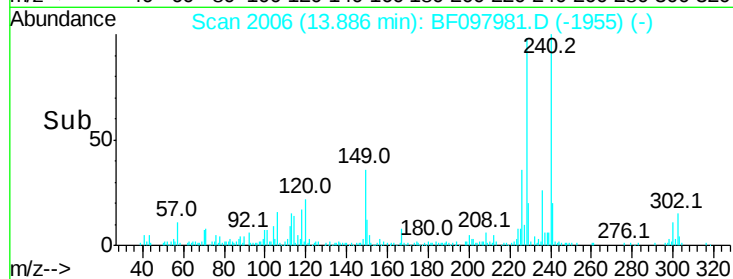
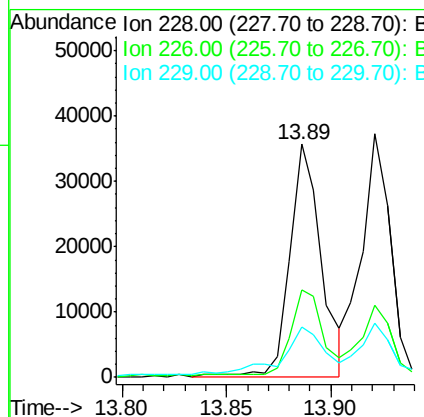
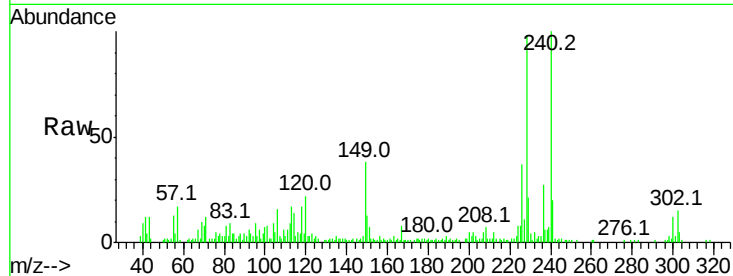
#80
Benzo(a)anthracene
Concen: 2.190 ng m
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.5	22.6	33.8#
229	21.5	16.3	24.5

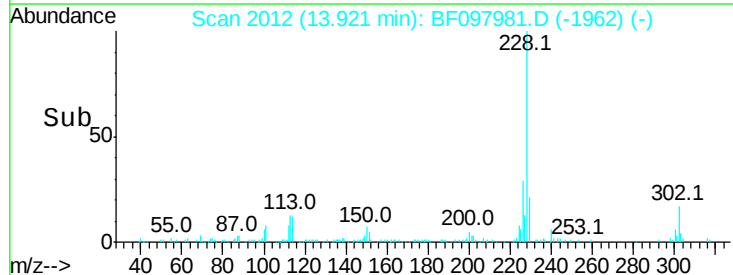
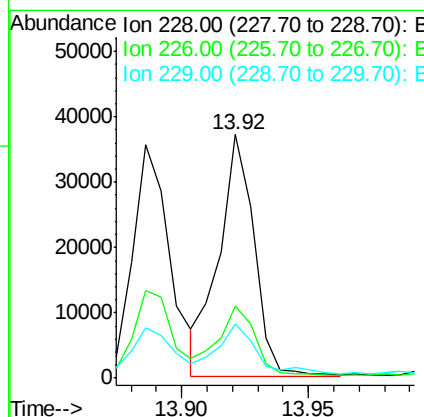
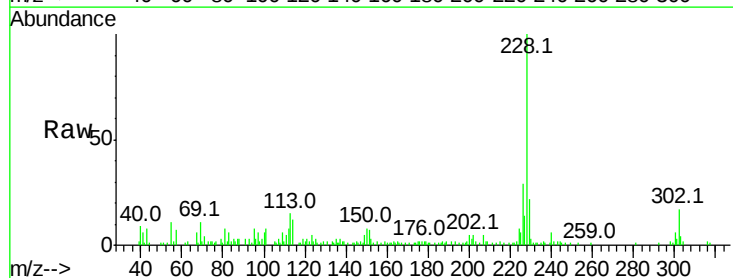
Manual Integrations
APPROVED

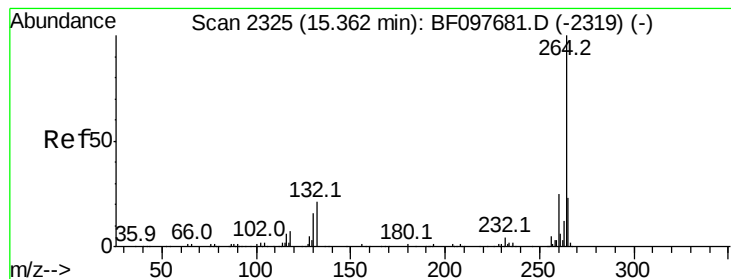
Sohil
8/23/2017 3:04:06 PM



#82
Chrysene
Concen: 2.084 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	22.0	15.8	23.6





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Instrument :

BNA_F

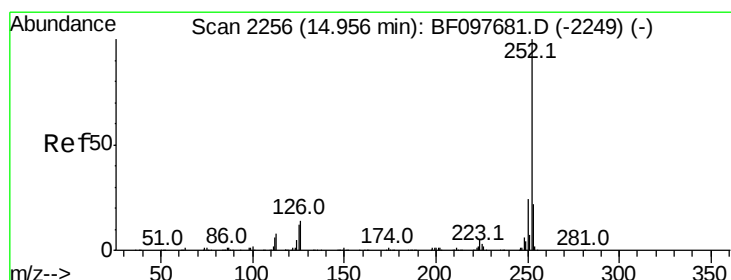
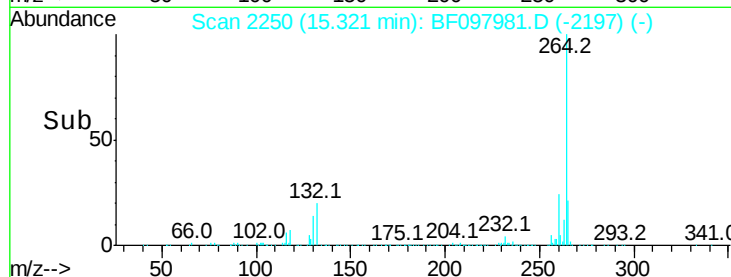
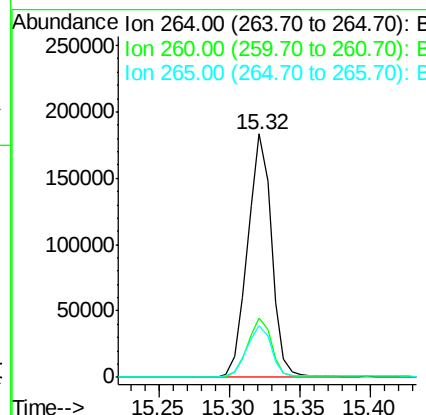
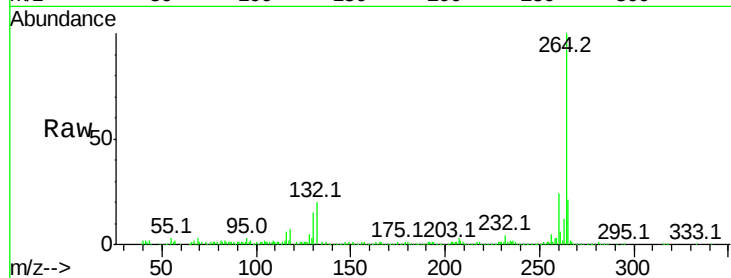
ClientSampleId :

TR-04-082117-B

Tot Ion:	264	Resp:	219147
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.5	29.3
265	21.2	17.2	25.8

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 3.927 ng m

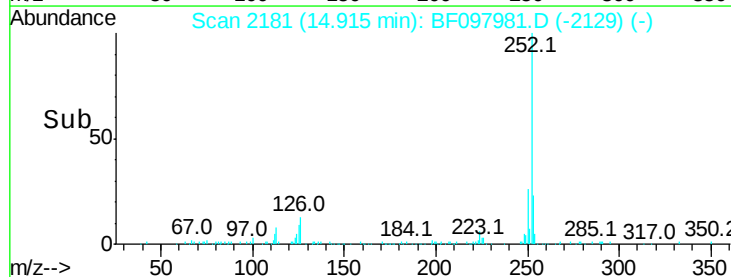
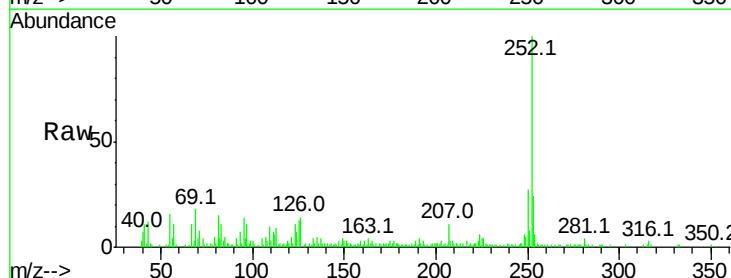
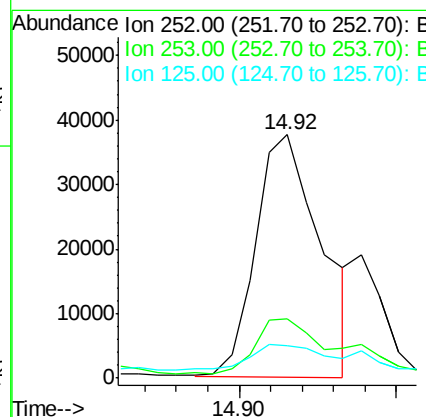
RT: 14.92 min Scan# 2181

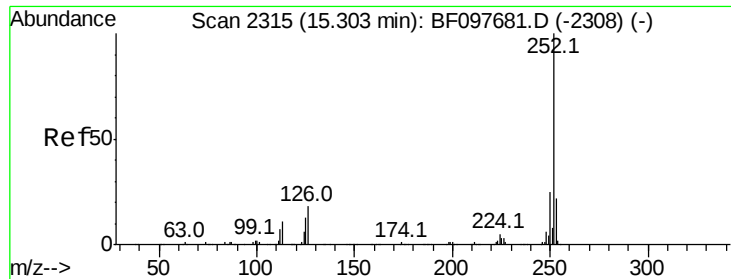
Delta R.T. 0.01 min

Lab File: BF097981.D

Acq: 23 Aug 2017 4:10

Tgt Ion:	252	Resp:	54243
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.1	27.1
125	13.3	9.8	14.8





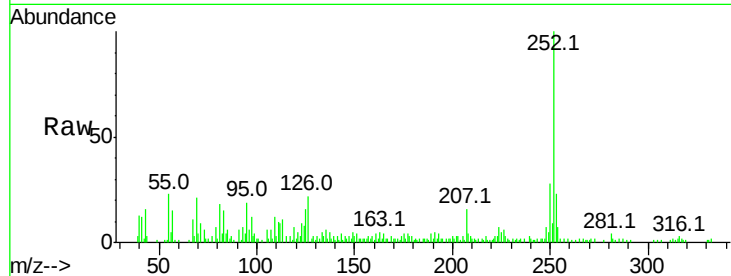
#89
Benzo(a)pyrene
Concen: 2.645 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
TR-04-082117-B

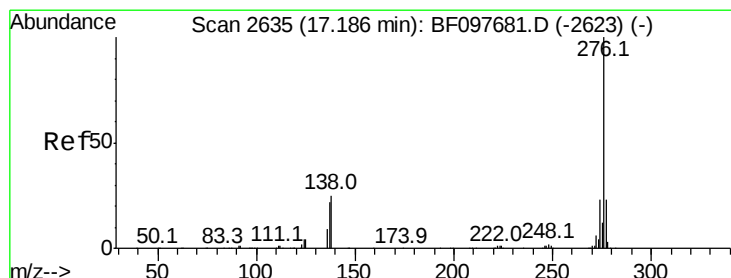
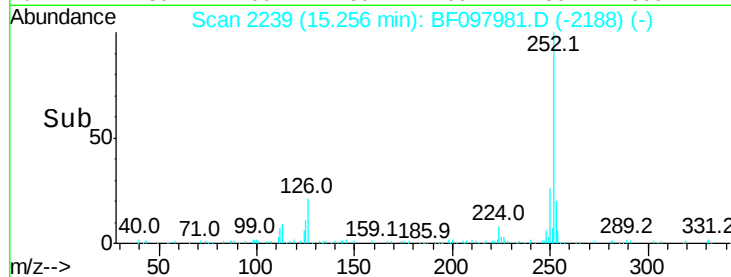
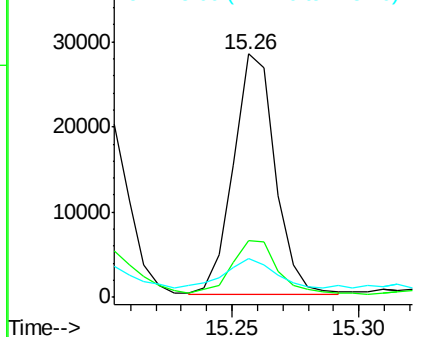
Tot Ion:	252	Resp:	32342
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	15.9	11.0	16.4

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 2.000 ng
RT: 17.11 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BF097981.D
Acq: 23 Aug 2017 4:10

Tgt Ion:	276	Resp:	20779
Ion Ratio	Lower	Upper	
276	100		
277	21.8	18.6	28.0
138	29.3	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

