Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097928.D
Acq On : 22 Aug 2017 1:53
Operator : SJ/JU
Sample : I4799-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Manual Integrations APPROVED
Sohil
8/22/2017 5:45:23 PM

Quant Time: Aug 22 06:50:25 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	111547	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	406287	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	153035	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	257997	20.00	ng		0.00
75) Chrysene-d12	13.90	240	226156	20.00	ng		0.00
86) Perylene-d12	15.32	264	151504	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	302674	41.27	ng		0.00
7) Phenol-d6	6.37	99	399792	40.12	ng		-0.01
23) Nitrobenzene-d5	7.31	82	221500	29.62	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	46516	35.03	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	301499	28.95	ng		0.00
78) Terphenyl-d14	12.84	244	210412	19.40	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	9.50	163	49212	4.399	ng		98
74) Fluoranthene	12.47	202	56994	3.972	ng		98
77) Pyrene	12.70	202	60626	3.278	ng		99
80) Benzo(a)anthracene	13.89	228	37372	2.757	ng		94
82) Chrysene	13.92	228	36823m	2.731	ng		
87) Benzo(b)fluoranthene	14.91	252	45616m	4.777	ng		
89) Benzo(a)pyrene	15.26	252	38148	4.512	ng		95
91) Benzo(g,h,i)perylene	17.10	276	19351	2.695	ng	#	87

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

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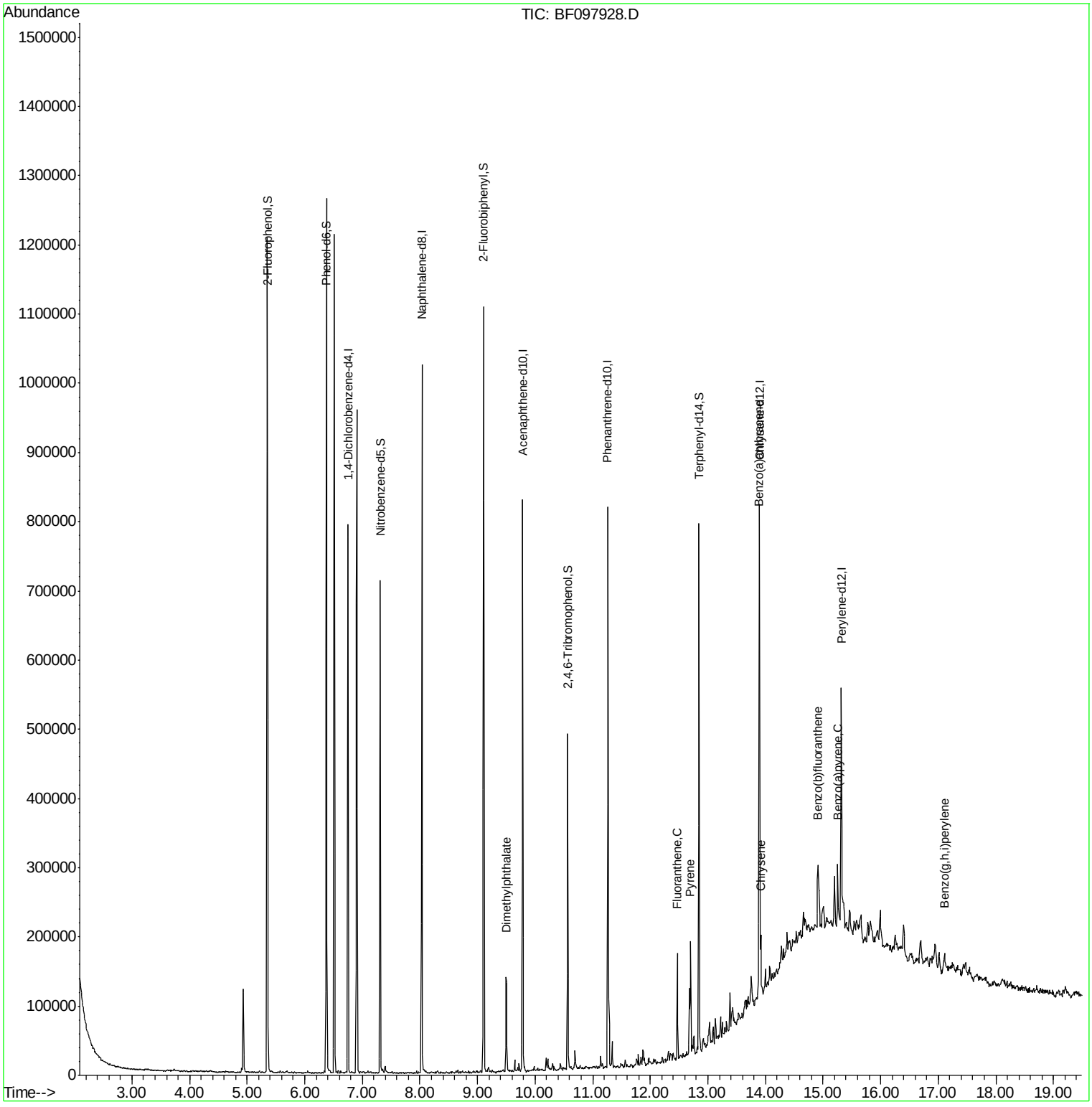
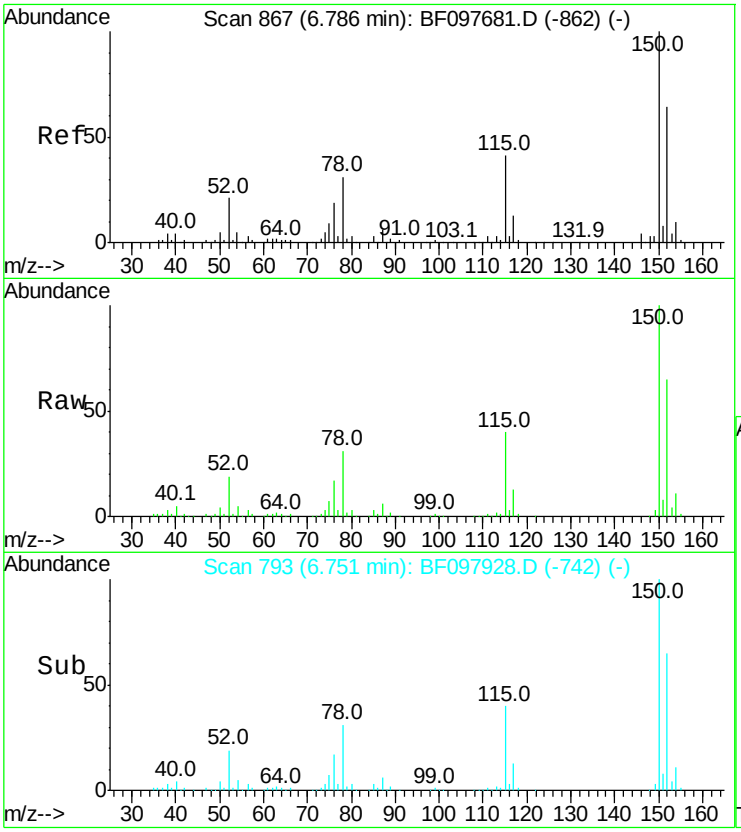
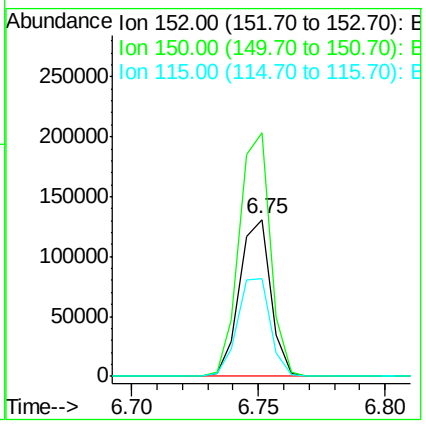




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:152 Resp: 111547

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	62.1	52.2	78.2



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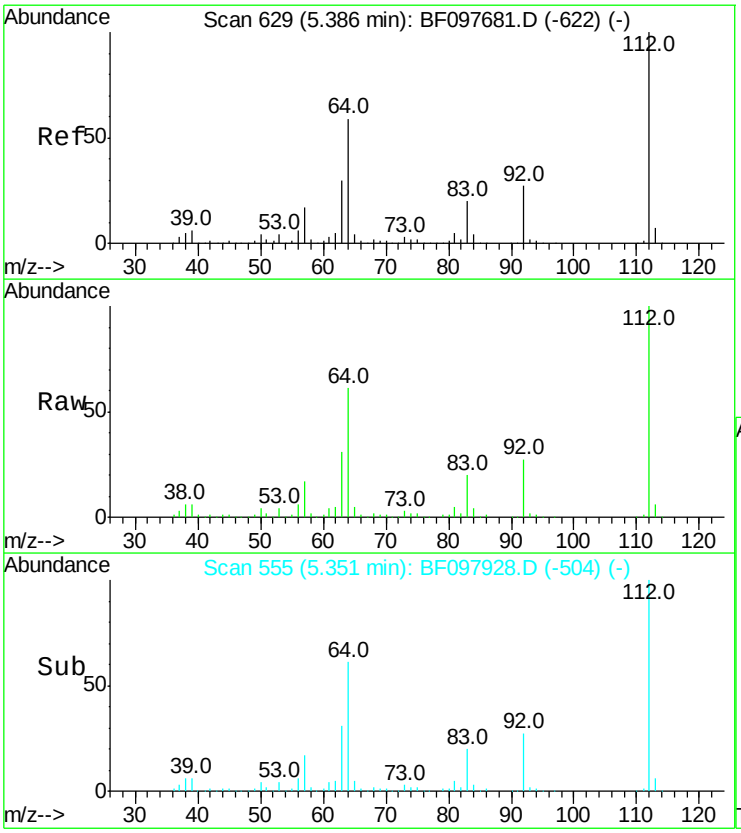
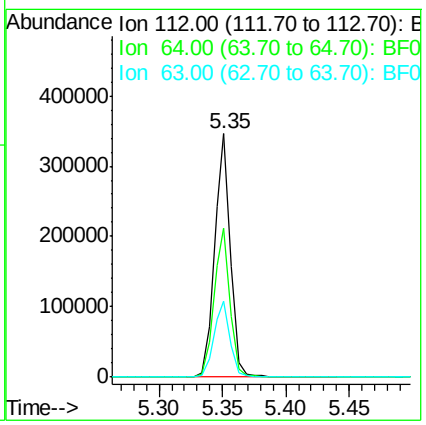
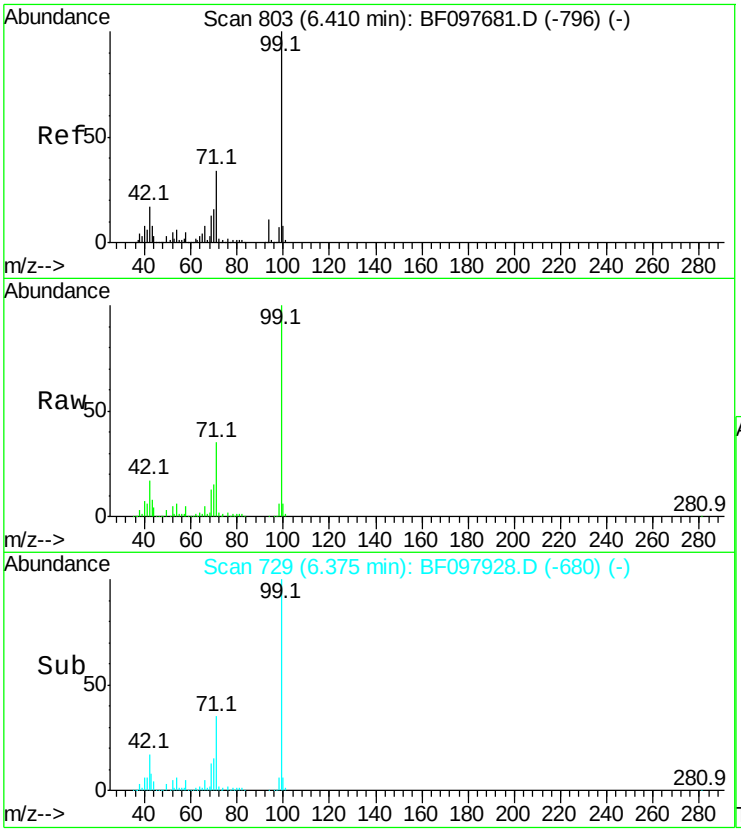


#5
2-Fluorophenol
Concen: 41.273 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:112 Resp: 302674

Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	31.0	23.4	35.0

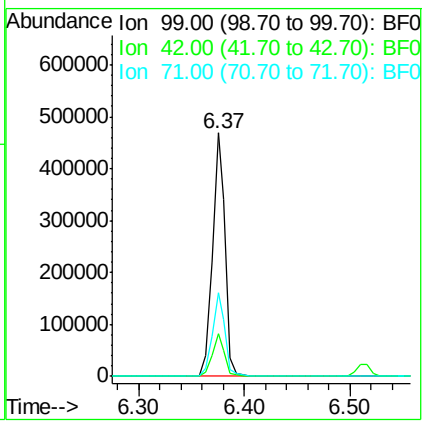




#7
Phenol-d6
Concen: 40.123 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion: 99 Resp: 399792

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.5	20.3
71	34.5	24.5	36.7



Instrument :
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AU-05-081417-A

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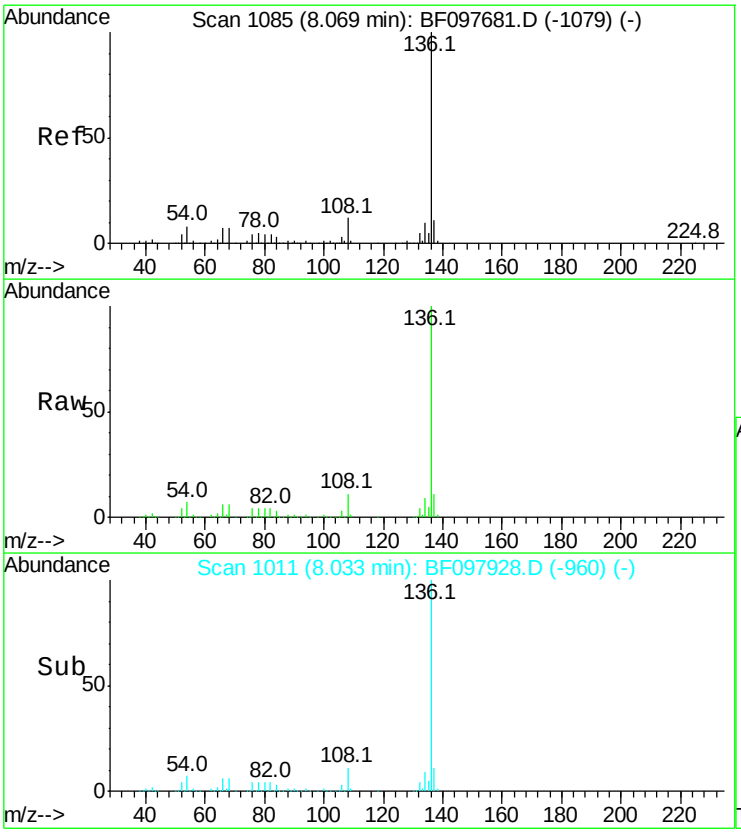
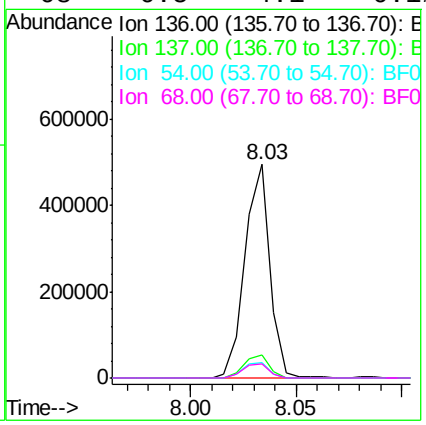
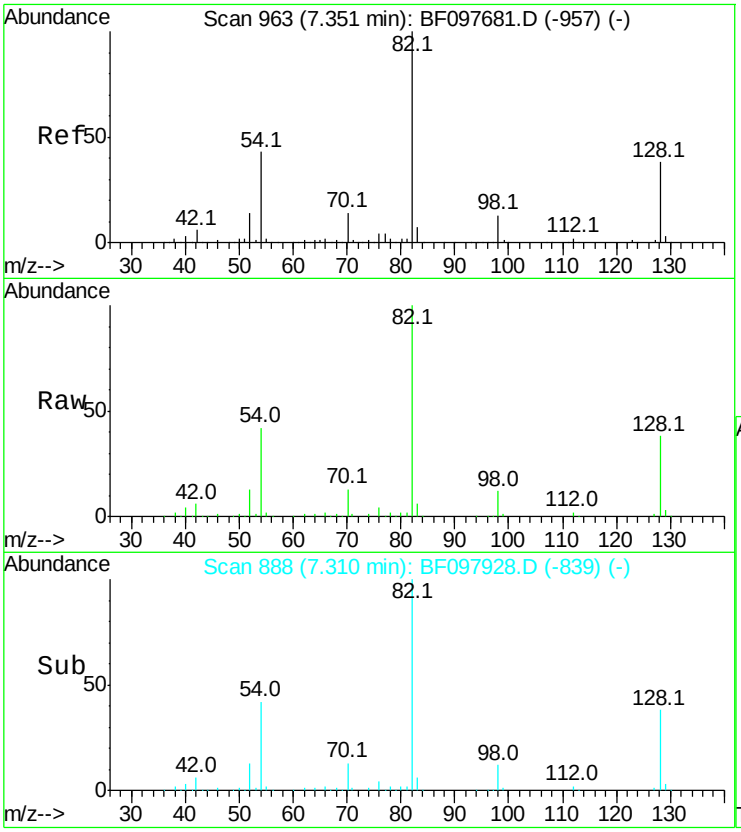


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:136 Resp: 406287

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.2	4.9	7.3
68	6.5	4.1	6.1#

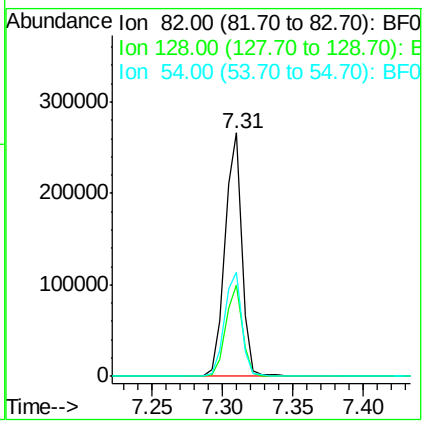




#23
Nitrobenzene-d5
Concen: 29.617 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion: 82 Resp: 221500

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.0	51.0
54	42.5	42.2	63.2



Instrument :
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ClientSampleId :
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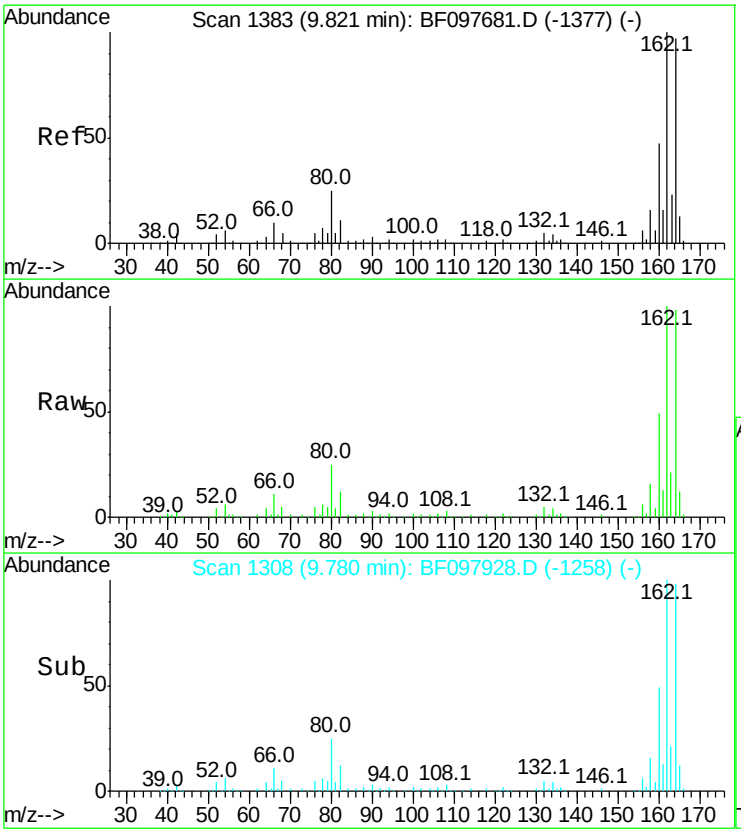
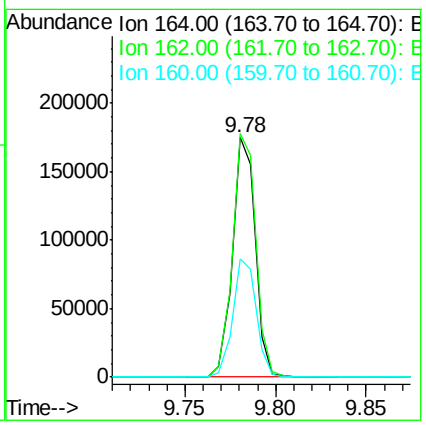
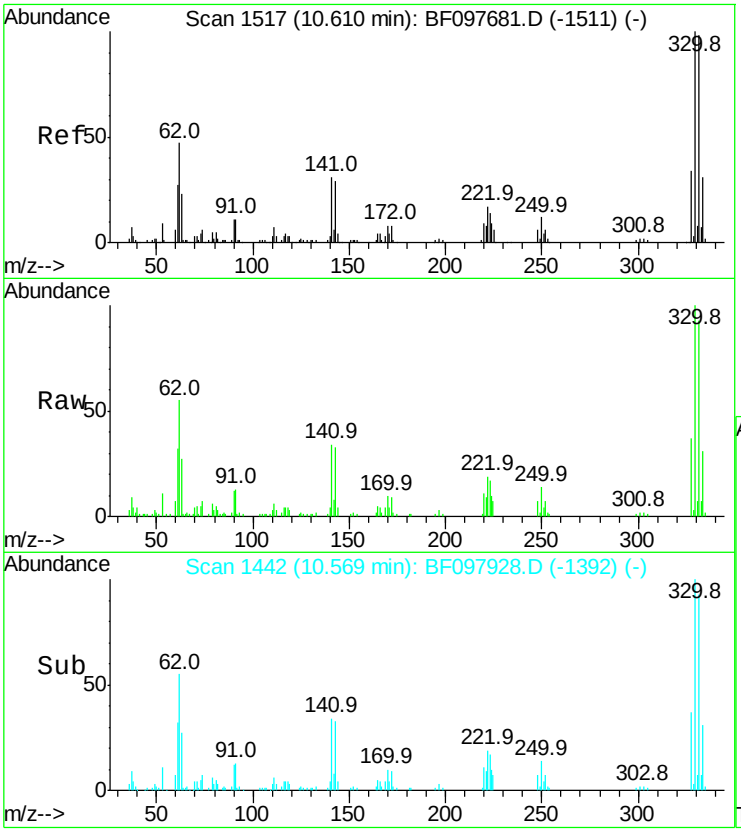


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:164 Resp: 153035

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	49.6	36.2	54.2

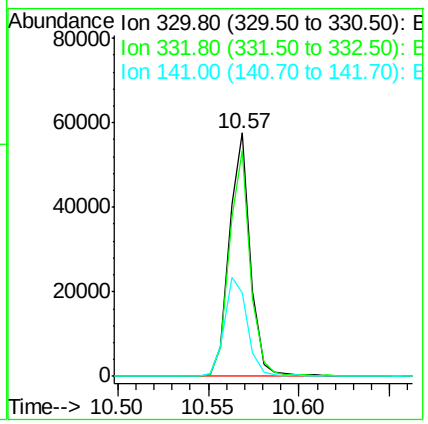




#41
2,4,6-Tribromophenol
Concen: 35.032 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:330 Resp: 46516

Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.6	115.0
141	44.1	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

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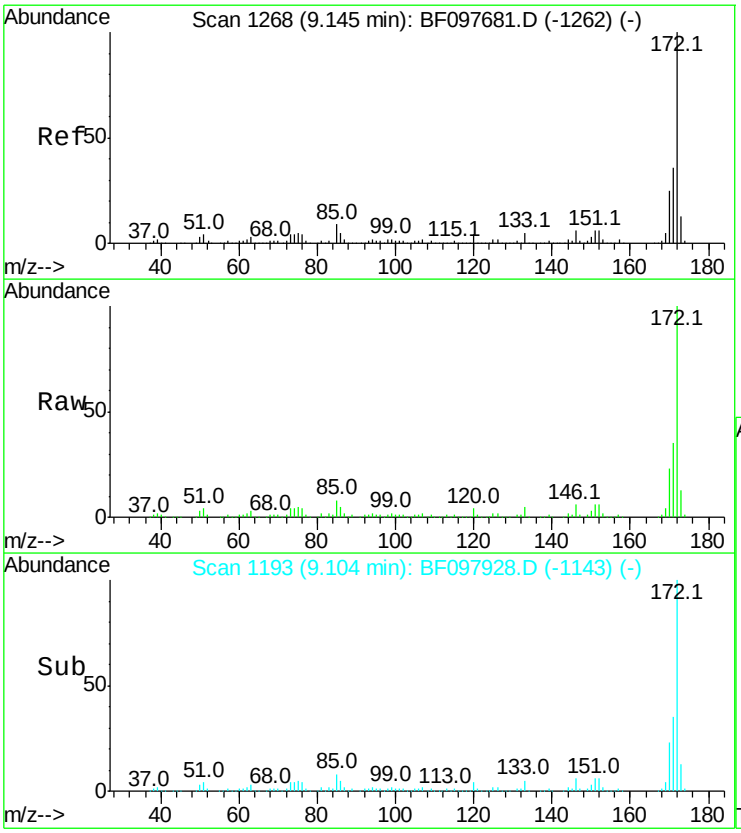
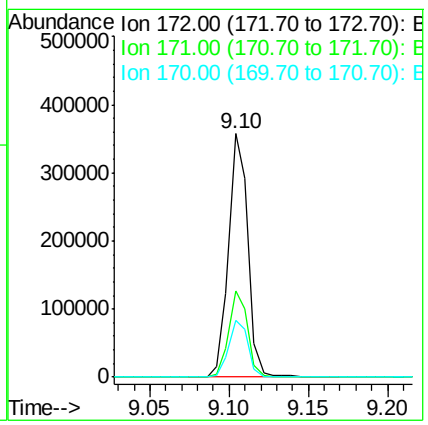
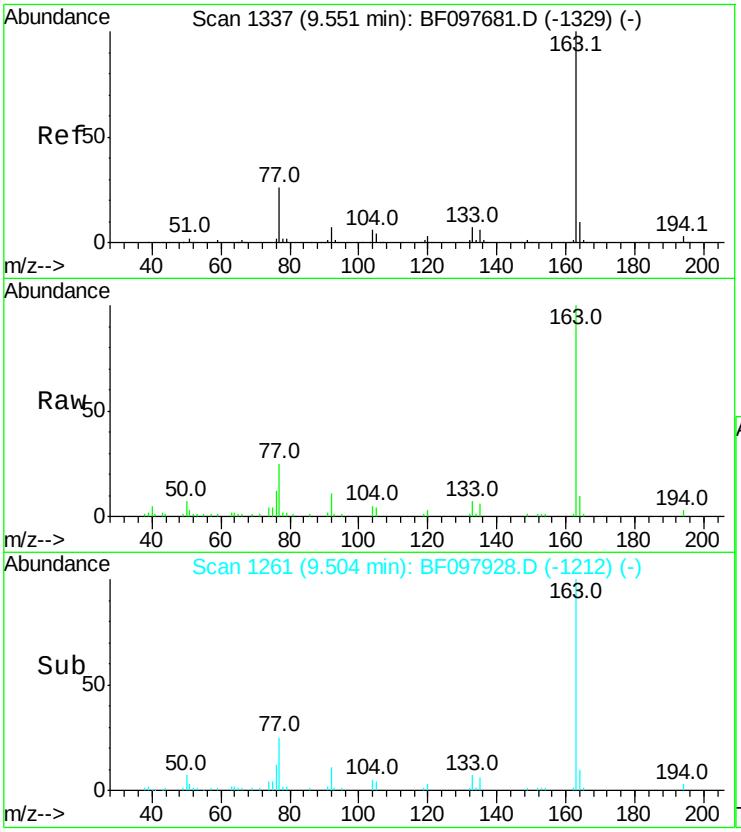


#44
2-Fluorobiphenyl
Concen: 28.945 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:172 Resp: 301499

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.4	19.8	29.8

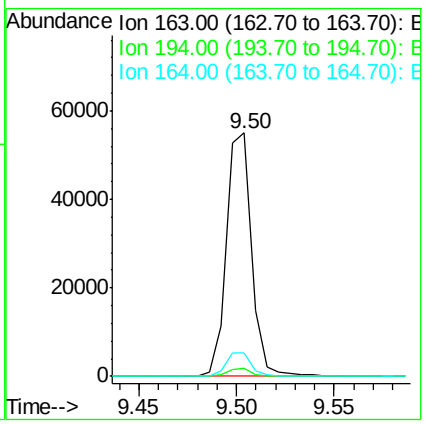




#49
Dimethylphthalate
Concen: 4.399 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:163 Resp: 49212

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.7	8.4	12.6



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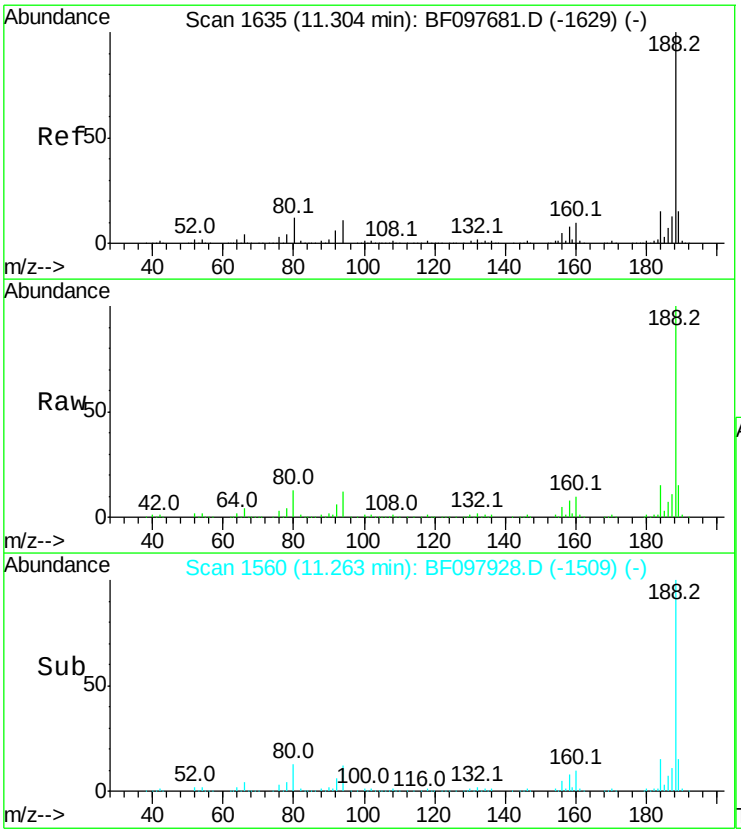
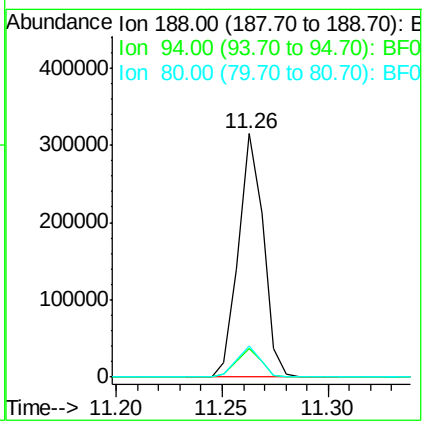
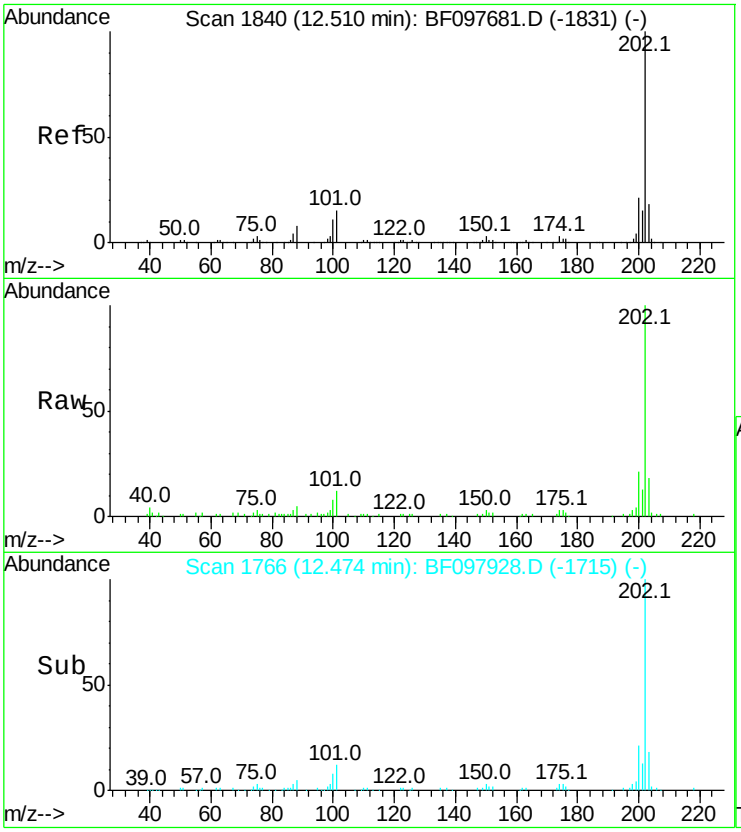


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:188 Resp: 257997

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.8	10.2	15.2

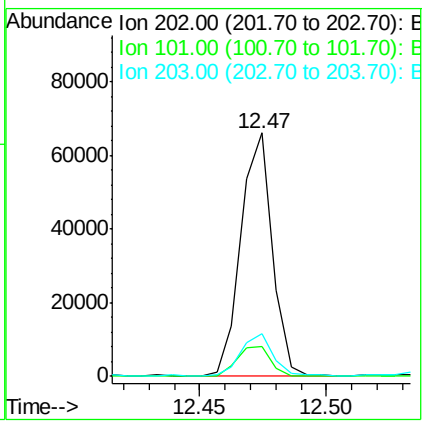




#74
Fluoranthene
Concen: 3.972 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:202 Resp: 56994

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	33.2
203	17.7	0.0	38.1



Instrument :
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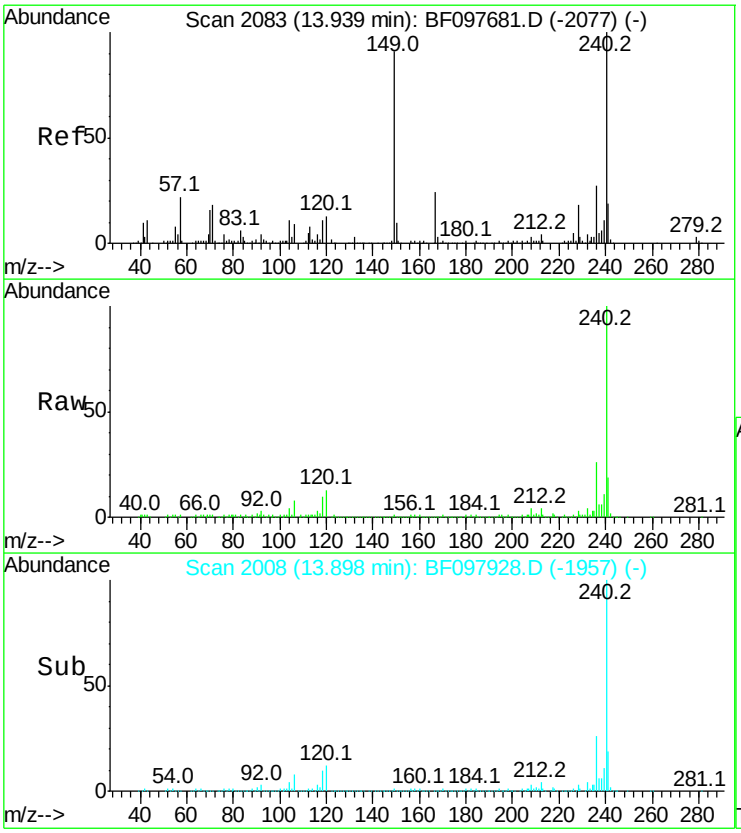
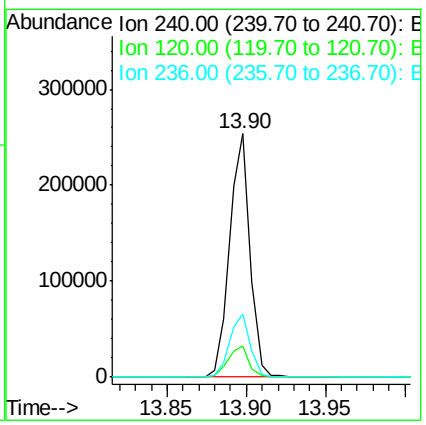
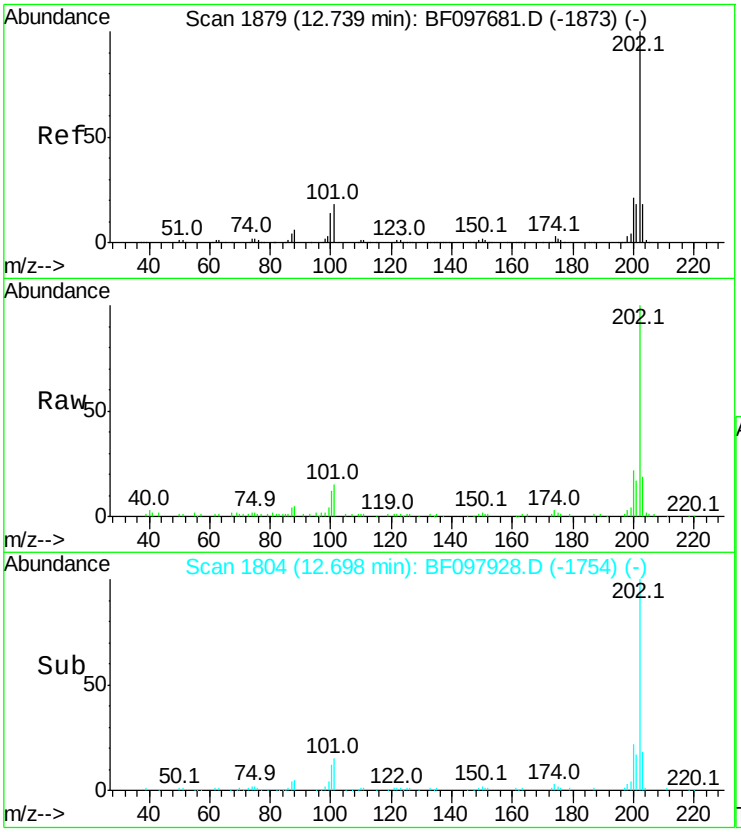


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:240 Resp: 226156

Ion	Ratio	Lower	Upper
240	100		
120	12.6	5.8	8.8#
236	25.9	20.5	30.7

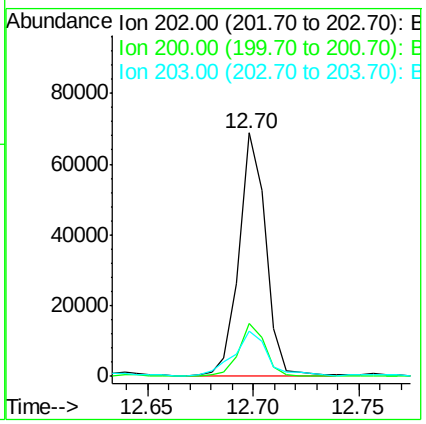




#77
Pyrene
Concen: 3.278 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:202 Resp: 60626

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.5	14.4	21.6



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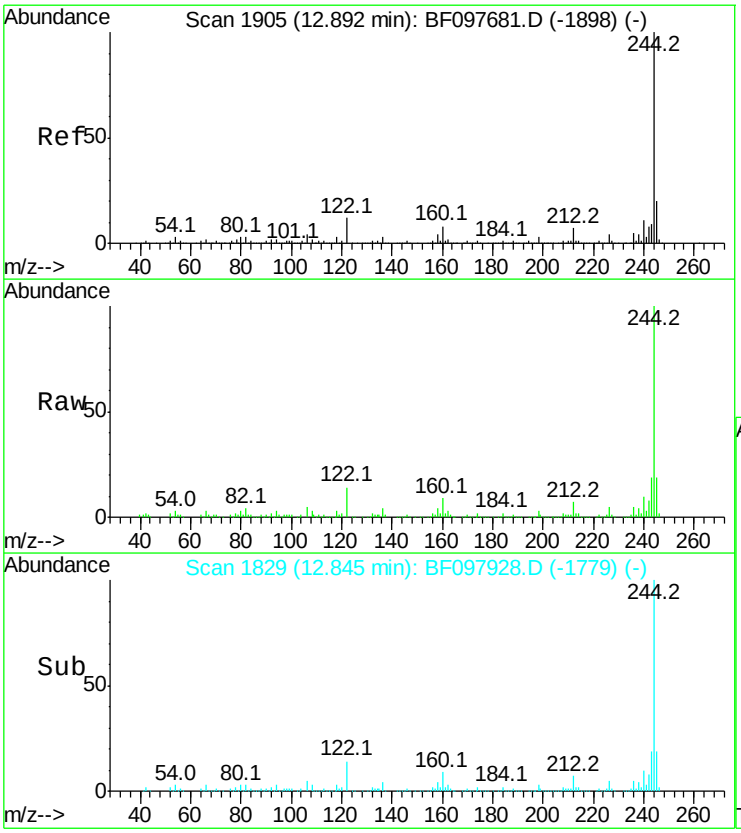
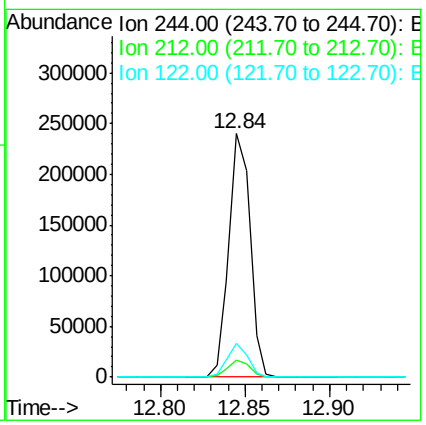
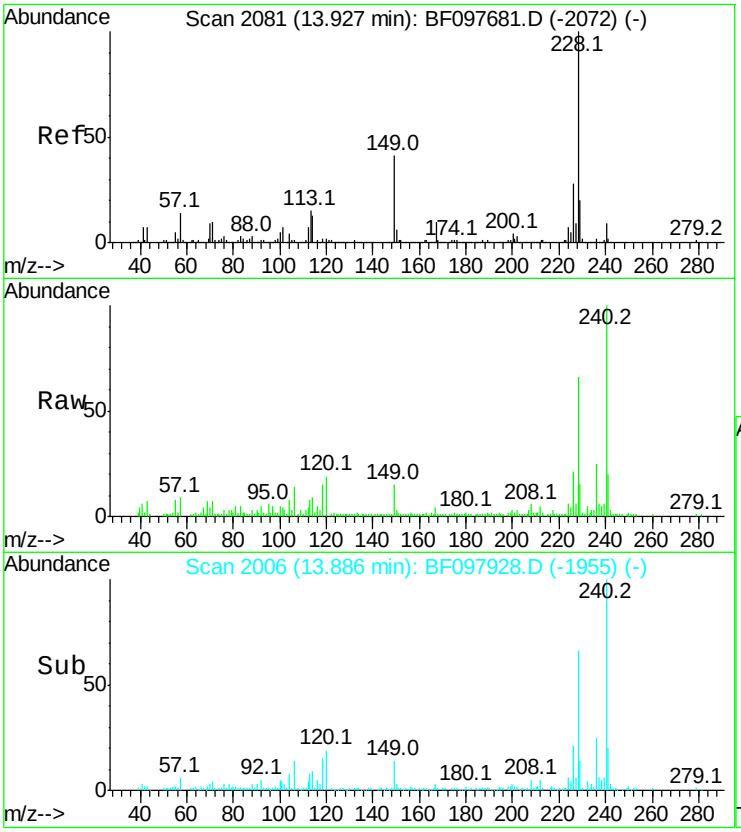


#78
Terphenyl-d14
Concen: 19.402 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:244 Resp: 210412

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	13.8	10.3	15.5

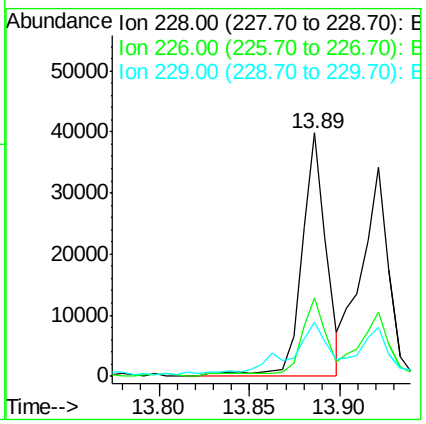




#80
Benzo(a)anthracene
Concen: 2.757 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:228 Resp: 37372

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	22.1	16.3	24.5



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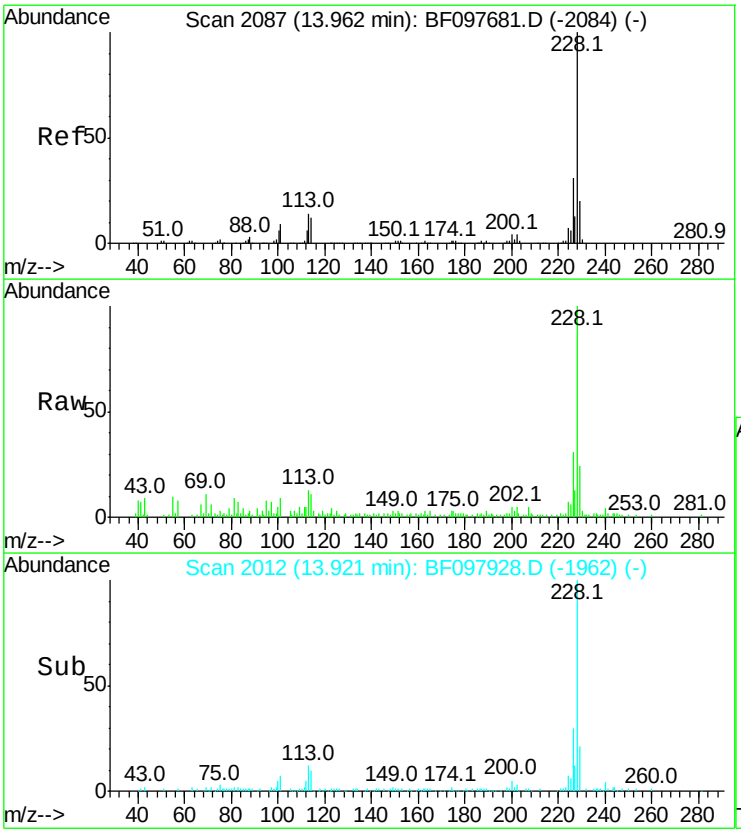
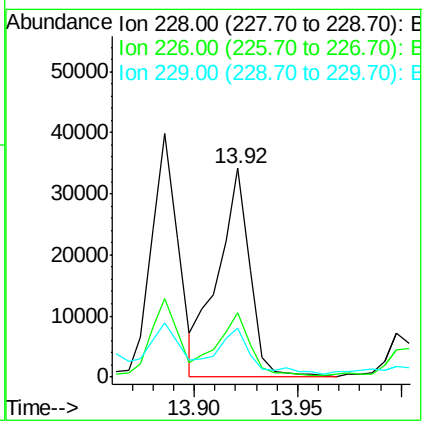
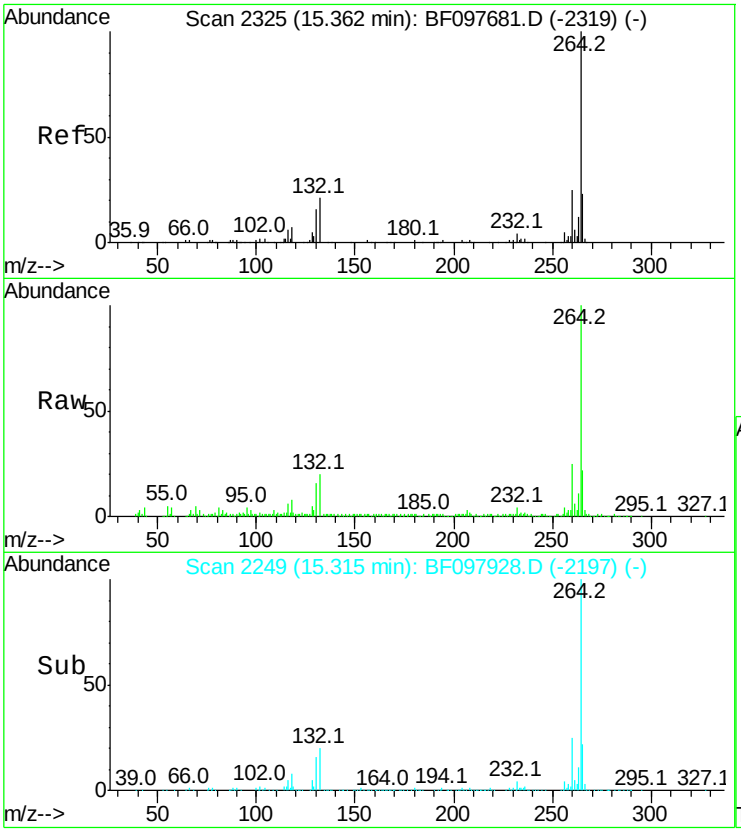


#82
Chrysene
Concen: 2.731 ng m
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:228 Resp: 36823

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	23.8	15.8	23.6#





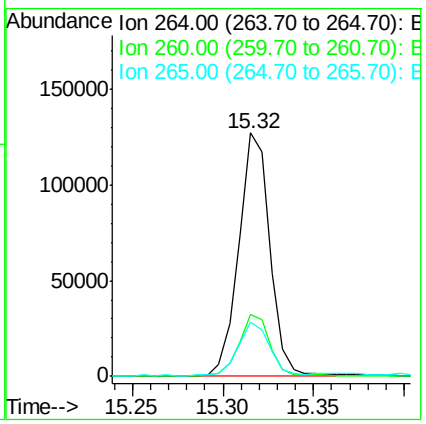
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

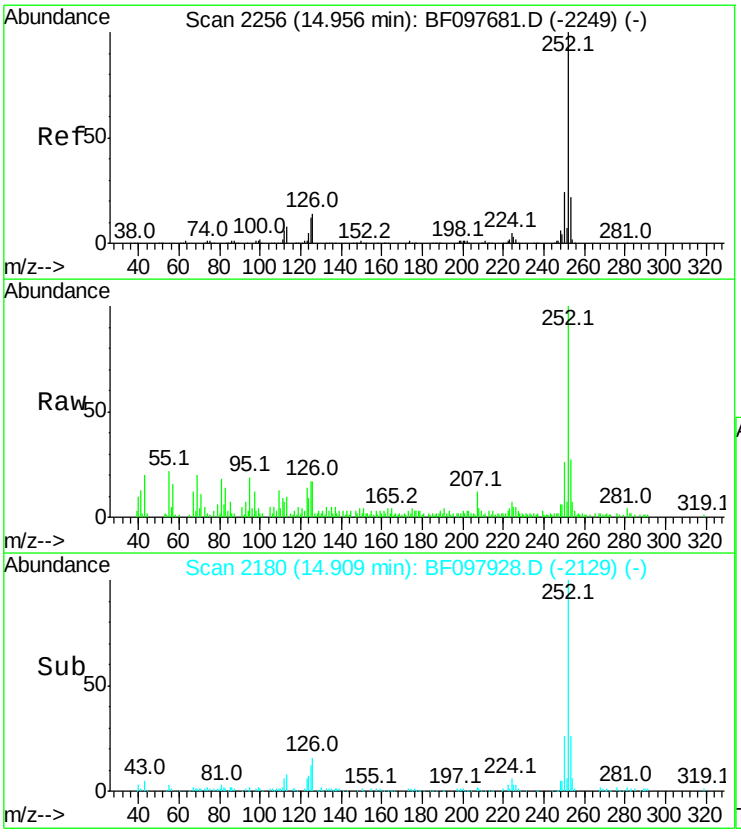
Tgt Ion:264 Resp: 151504

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.1	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Manual Integrations APPROVED
Sohil
8/22/2017 5:45:23 PM

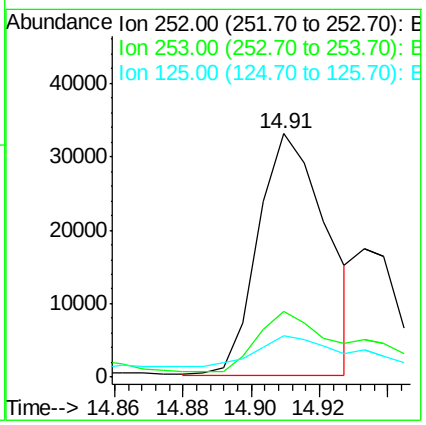


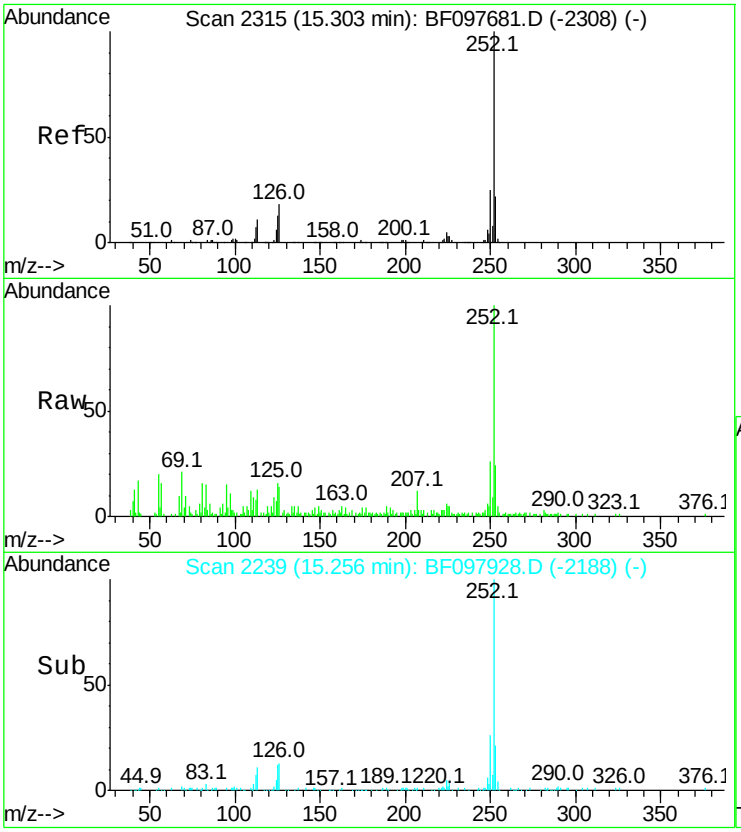


#87
Benzo(b)fluoranthene
Concen: 4.777 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:252 Resp: 45616

Ion	Ratio	Lower	Upper
252	100		
253	26.9	18.1	27.1
125	16.9	9.8	14.8#





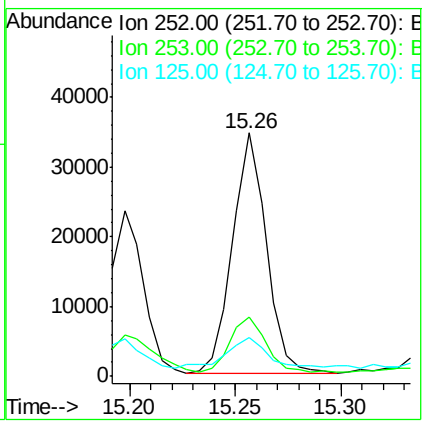
#89
Benzo(a)pyrene
Concen: 4.512 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

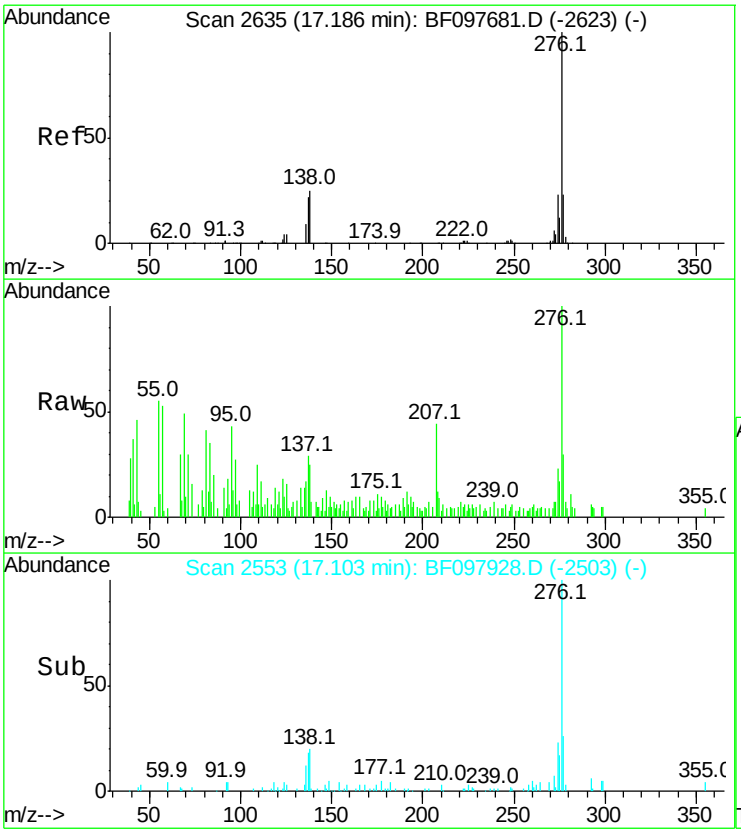
Tgt Ion:252 Resp: 38148

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	16.0	11.0	16.4

Instrument :
BNA_F
ClientSampleId :
AU-05-081417-A

Manual Integrations APPROVED
Sohil
8/22/2017 5:45:23 PM





#91
Benzo(g,h,i)perylene
Concen: 2.695 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BF097928.D
Acq: 22 Aug 2017 1:53

Tgt Ion:276 Resp: 19351

Ion	Ratio	Lower	Upper
276	100		
277	30.1	18.6	28.0#
138	24.9	25.4	38.0#