Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097700.D
Acq On : 15 Aug 2017 19:32
Operator : SJ/JU
Sample : I4755-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:27 PM

Quant Time: Aug 16 04:50:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142948	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	574996	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	256914	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	499618	20.00	ng	0.00
75) Chrysene-d12	13.93	240	332962	20.00	ng	0.00
86) Perylene-d12	15.36	264	279087	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	87701	9.33	ng	-0.01
7) Phenol-d6	6.39	99	120385	9.43	ng	-0.02
23) Nitrobenzene-d5	7.33	82	67813	6.41	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	19776	8.87	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	123828	7.08	ng	0.00
78) Terphenyl-d14	12.88	244	105858	6.63	ng	-0.01
Target Compounds						Qvalue
70) Phenanthrene	11.32	178	57515	2.160	ng	98
74) Fluoranthene	12.50	202	127435	4.586	ng	97
77) Pyrene	12.73	202	114033	4.187	ng	98
80) Benzo(a)anthracene	13.92	228	42705	2.140	ng	97
82) Chrysene	13.96	228	41539	2.092	ng	97
87) Benzo(b)fluoranthene	14.95	252	53094m	3.018	ng	
89) Benzo(a)pyrene	15.30	252	38729	2.487	ng	96
91) Benzo(g,h,i)perylene	17.17	276	27239	2.059	ng	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
Data File : BF097700.D
Acq On : 15 Aug 2017 19:32
Operator : SJ/JU
Sample : I4755-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 16 04:50:25 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
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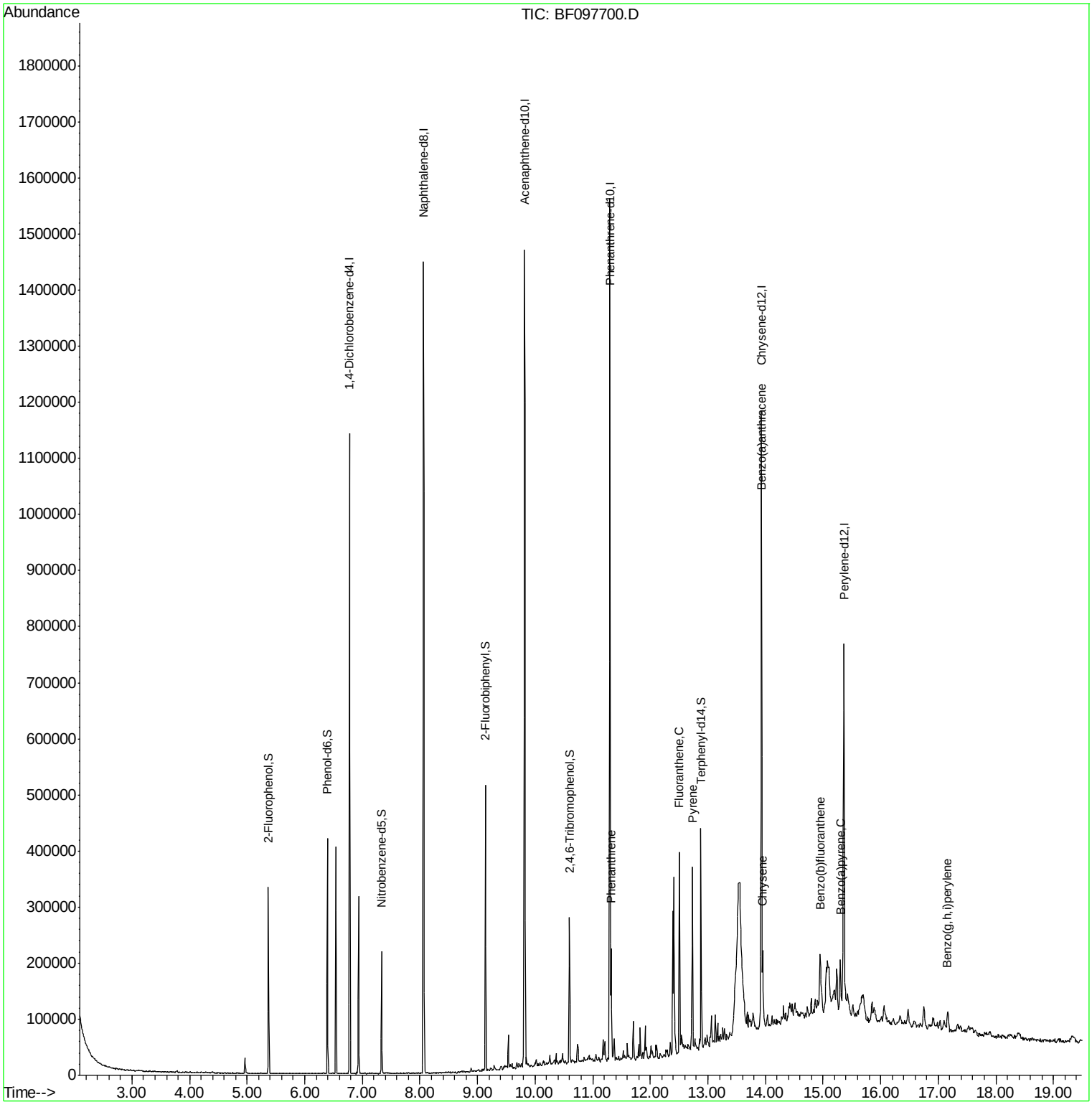
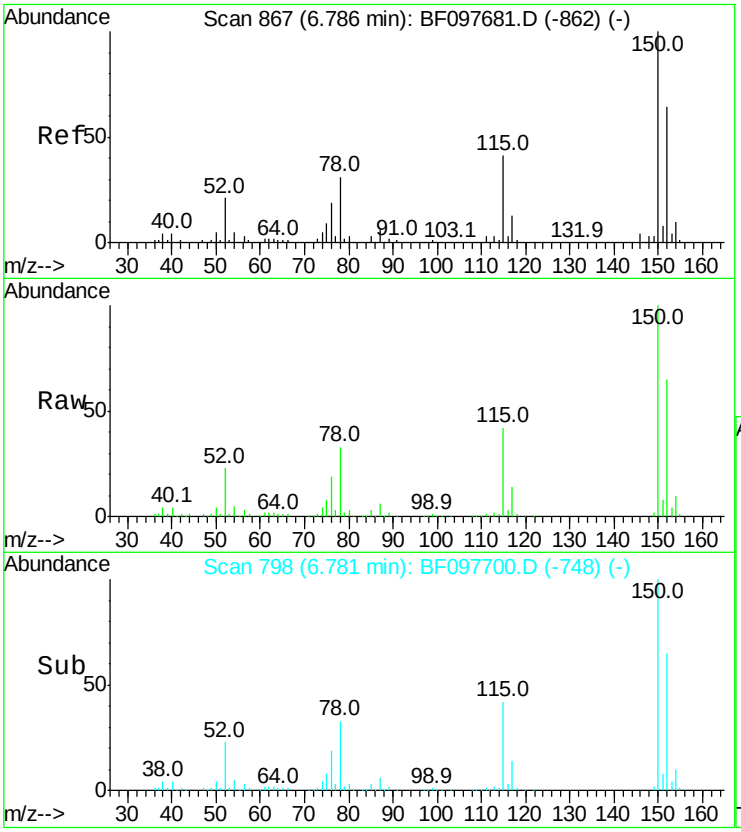
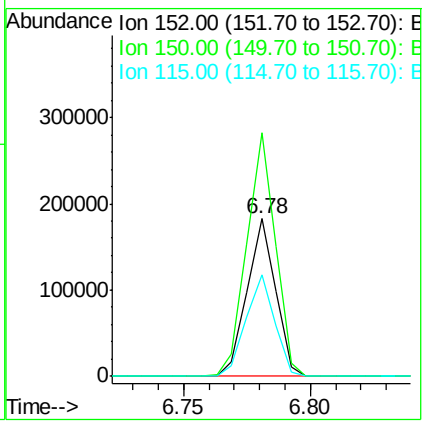




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:152 Resp: 142948

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	64.5	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
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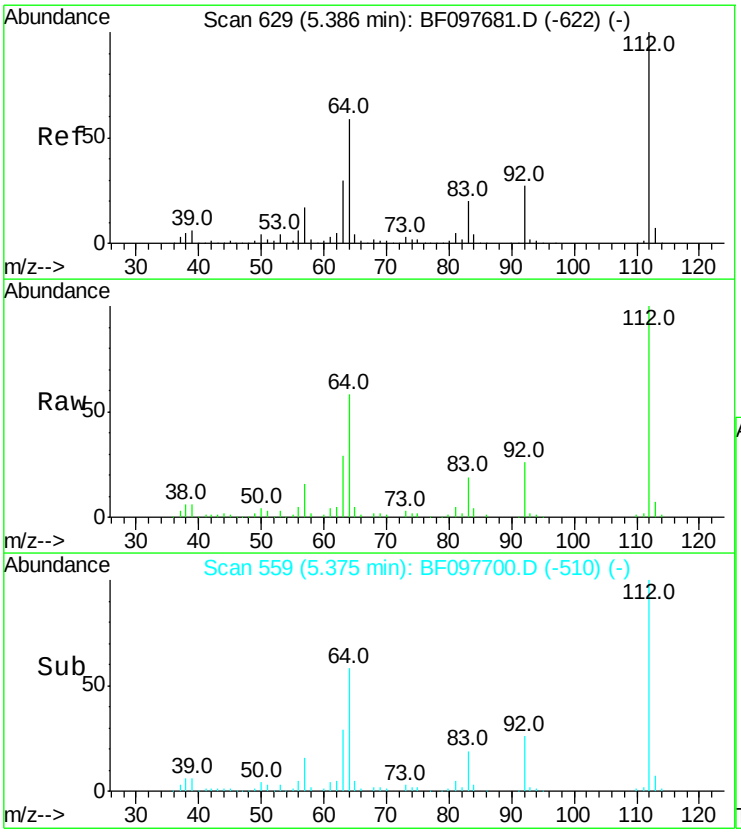
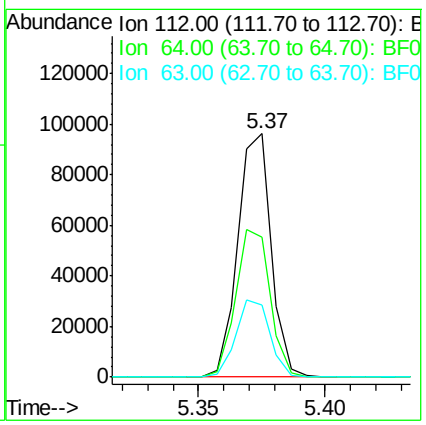
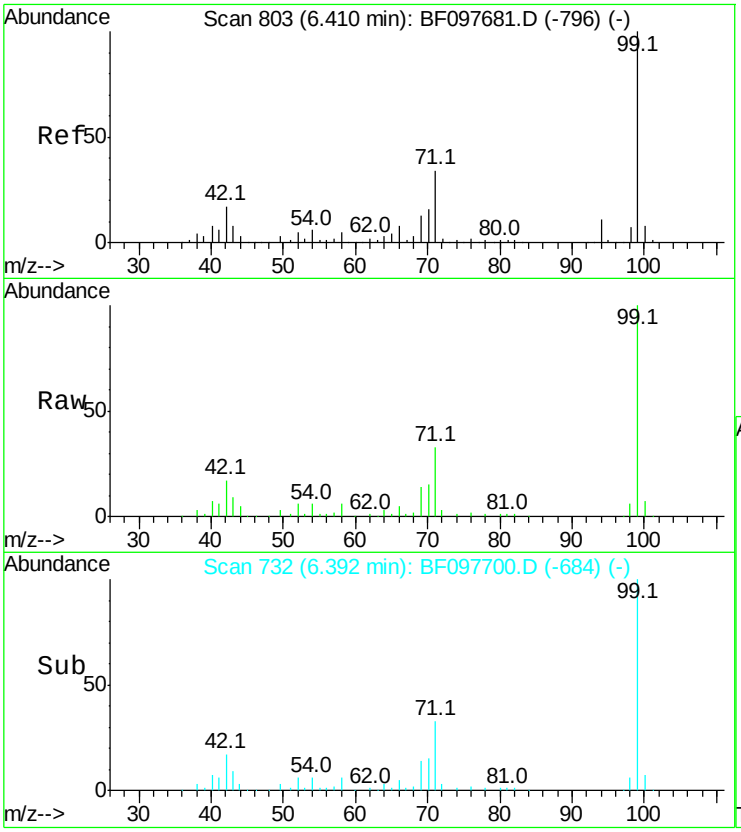


#5
2-Fluorophenol
Concen: 9.332 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:112 Resp: 87701

Ion	Ratio	Lower	Upper
112	100		
64	57.5	46.0	69.0
63	29.4	23.4	35.0

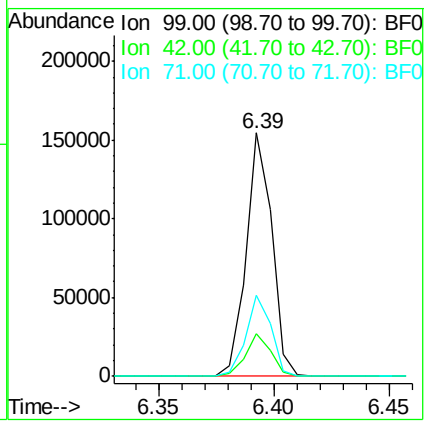




#7
Phenol-d6
Concen: 9.428 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion: 99 Resp: 120385

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.5	20.3
71	33.3	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

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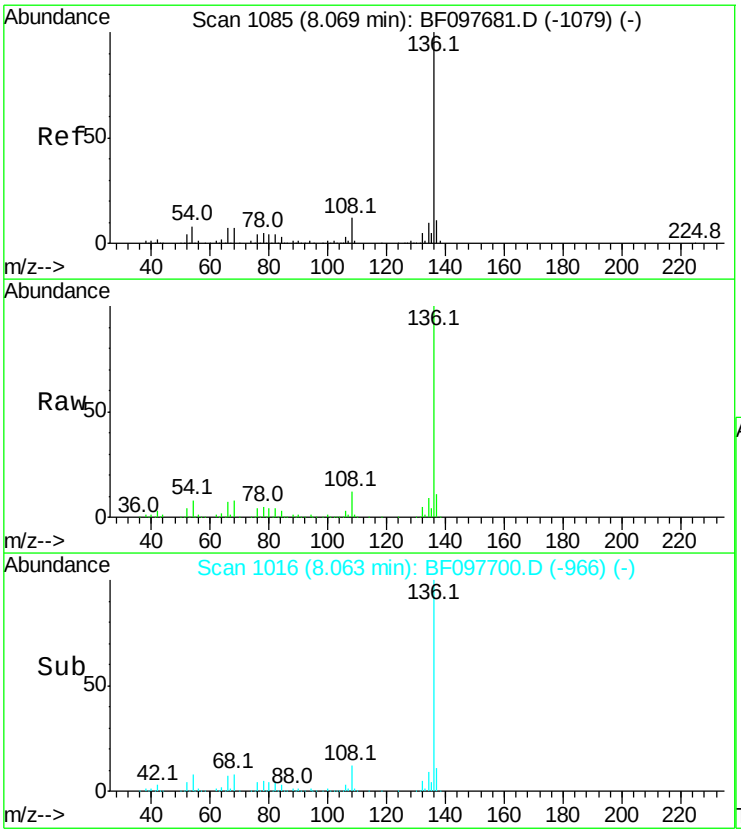
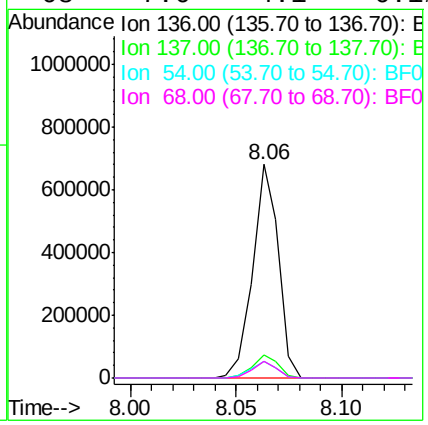
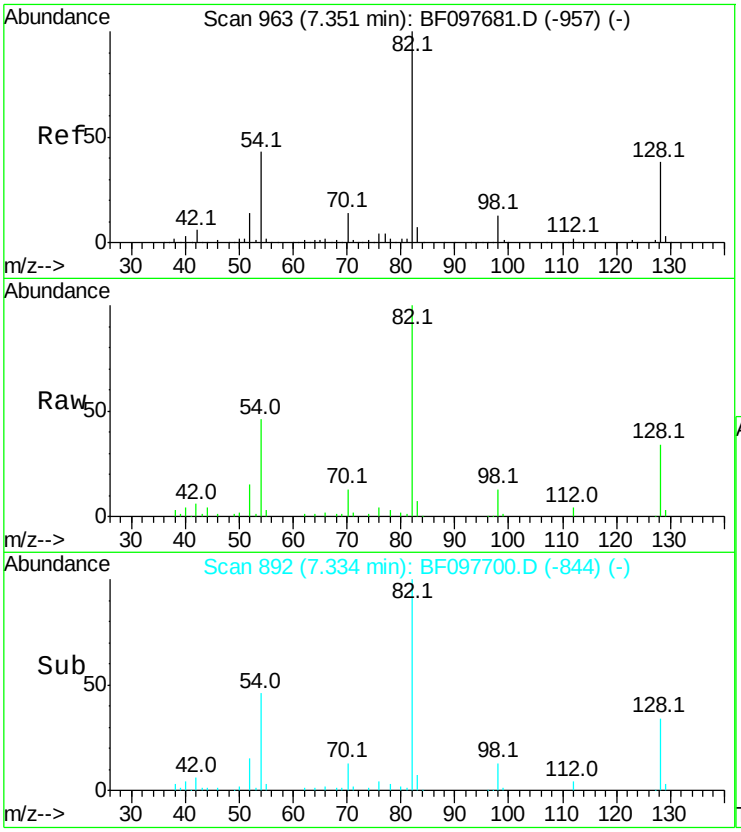


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:136 Resp: 574996

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.0	4.9	7.3#
68	7.6	4.1	6.1#

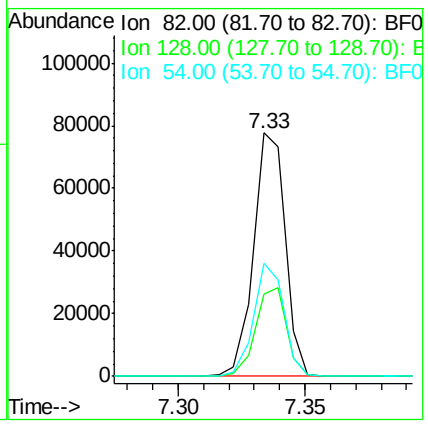




#23
Nitrobenzene-d5
Concen: 6.407 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion: 82 Resp: 67813

Ion	Ratio	Lower	Upper
82	100		
128	33.7	34.0	51.0#
54	46.3	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
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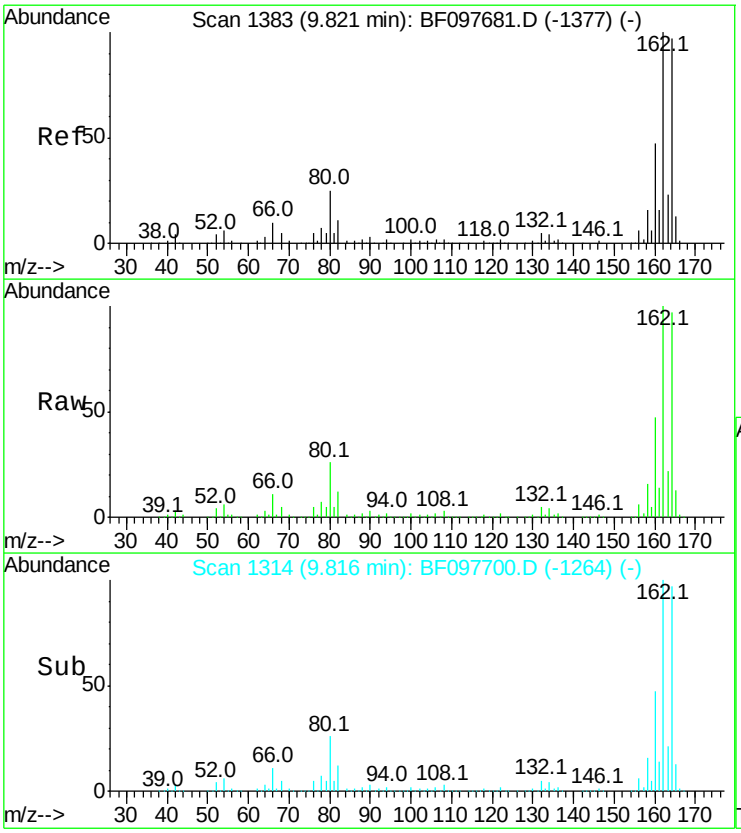
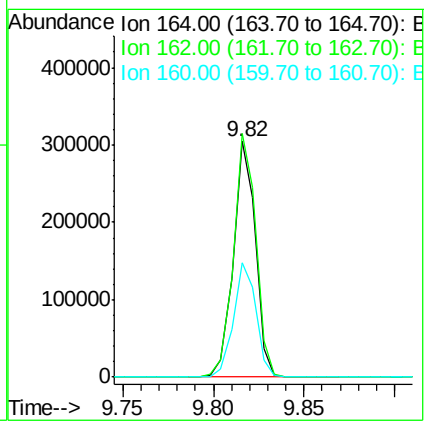
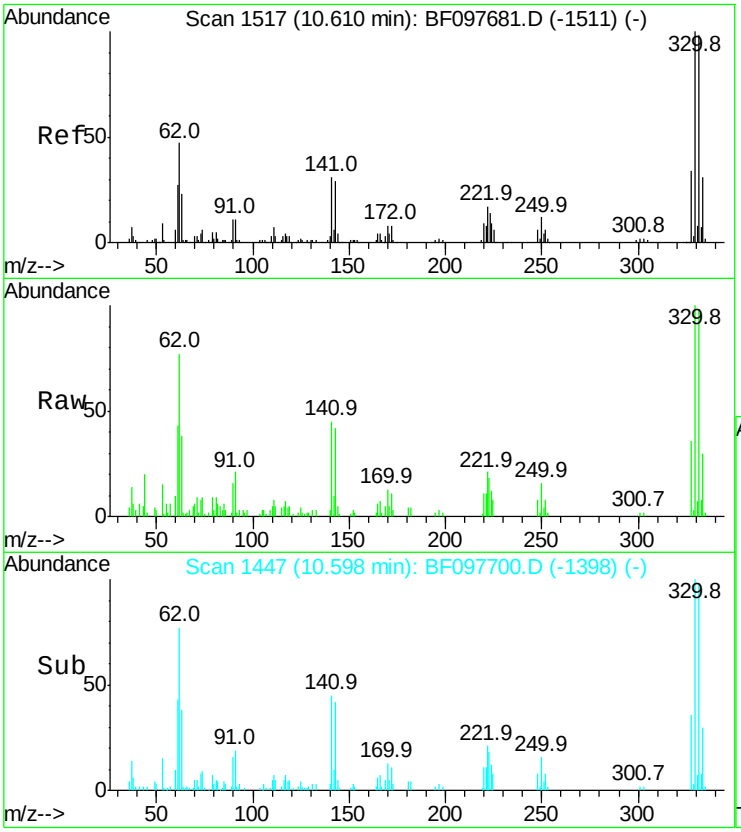


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:164 Resp: 256914

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	48.8	36.2	54.2





#41
2,4,6-Tribromophenol
Concen: 8.872 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:330 Resp: 19776

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	49.3	31.4	47.2#

Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

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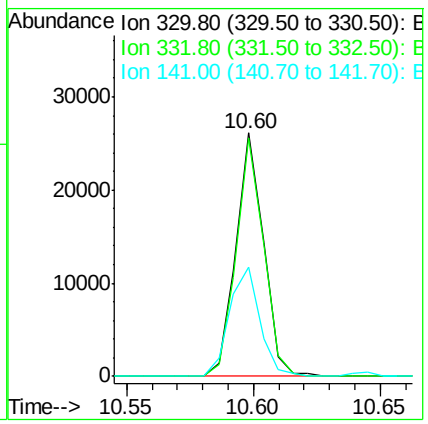
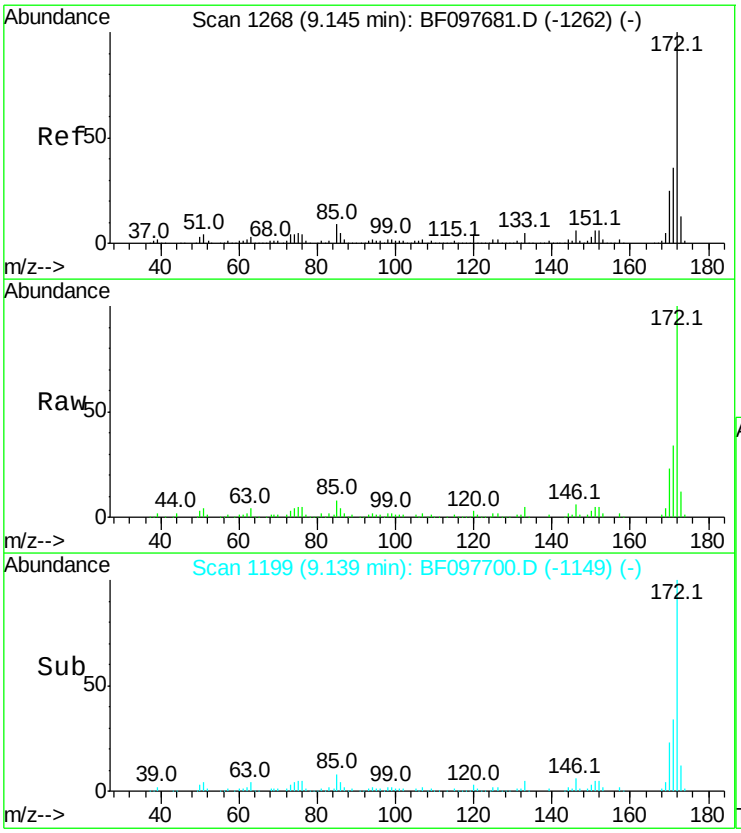
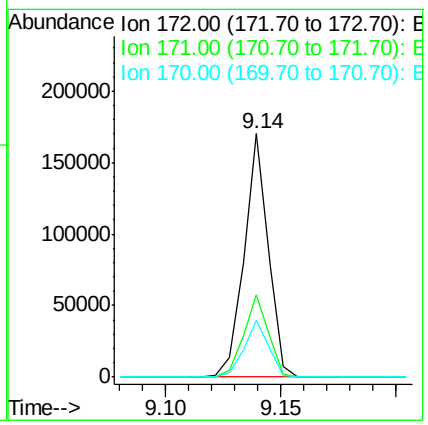


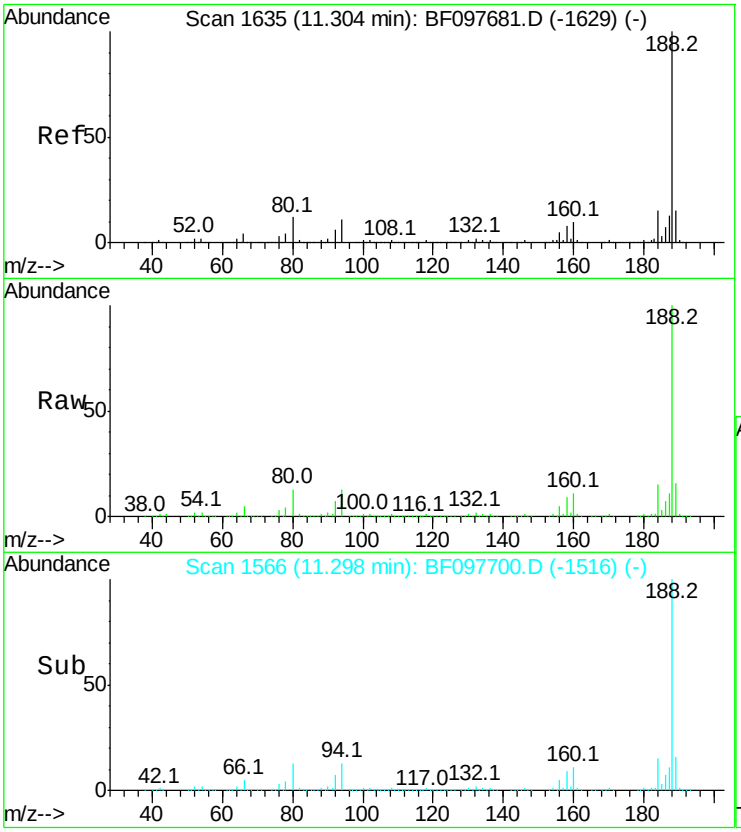


#44
2-Fluorobiphenyl
Concen: 7.081 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:172 Resp: 123828

Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.6	44.4
170	23.3	19.8	29.8

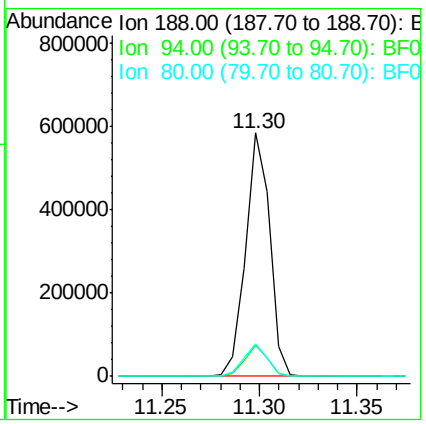




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:188 Resp: 499618

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	13.2	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
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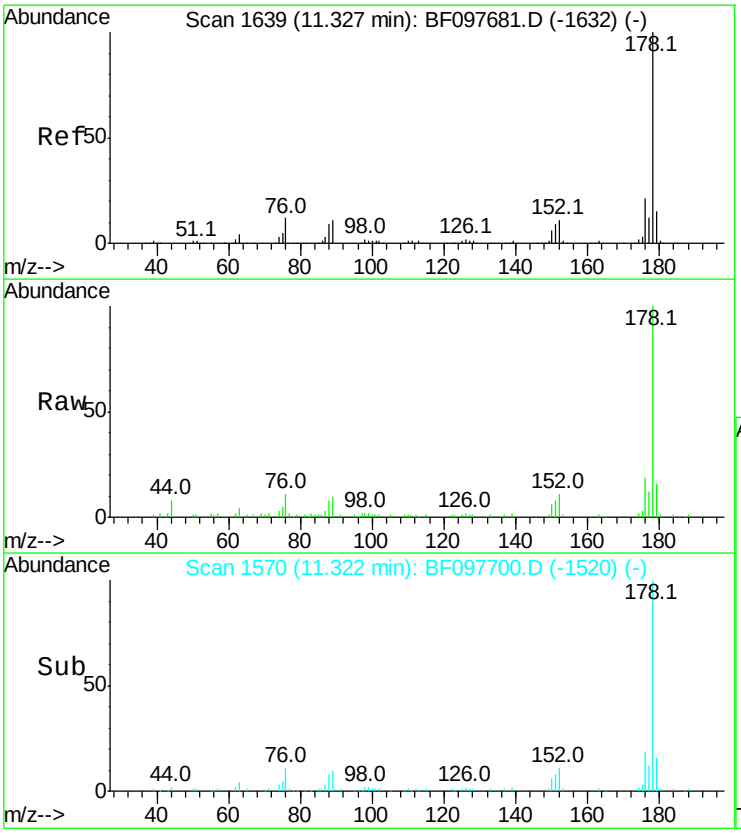
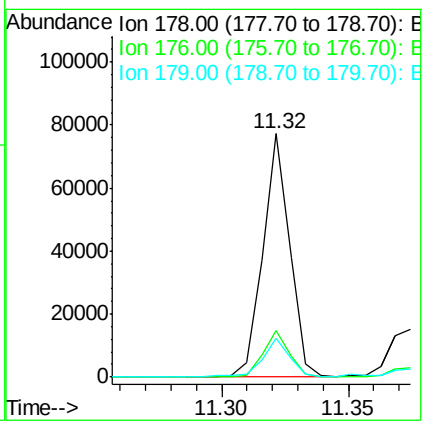
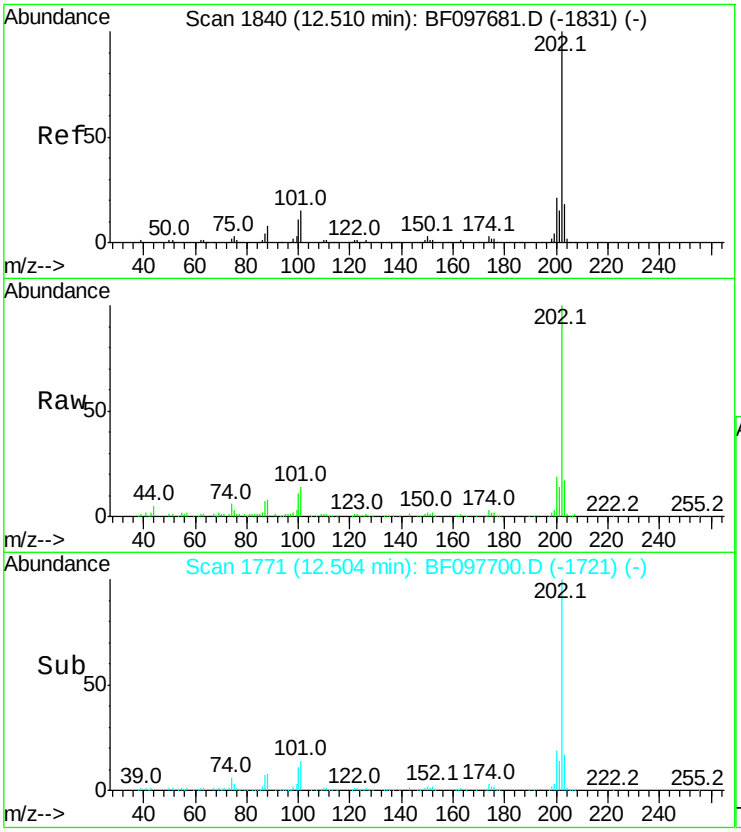


#70
Phenanthrene
Concen: 2.160 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:178 Resp: 57515

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.2	12.6	19.0

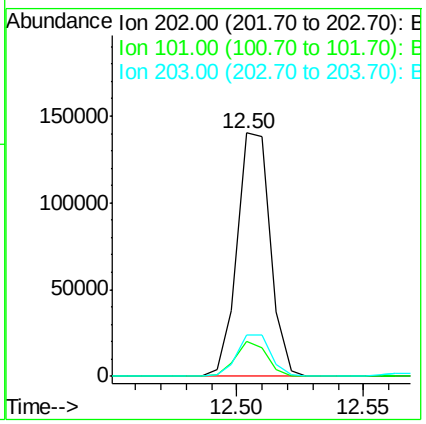




#74
Fluoranthene
Concen: 4.586 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:202 Resp: 127435

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.0	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
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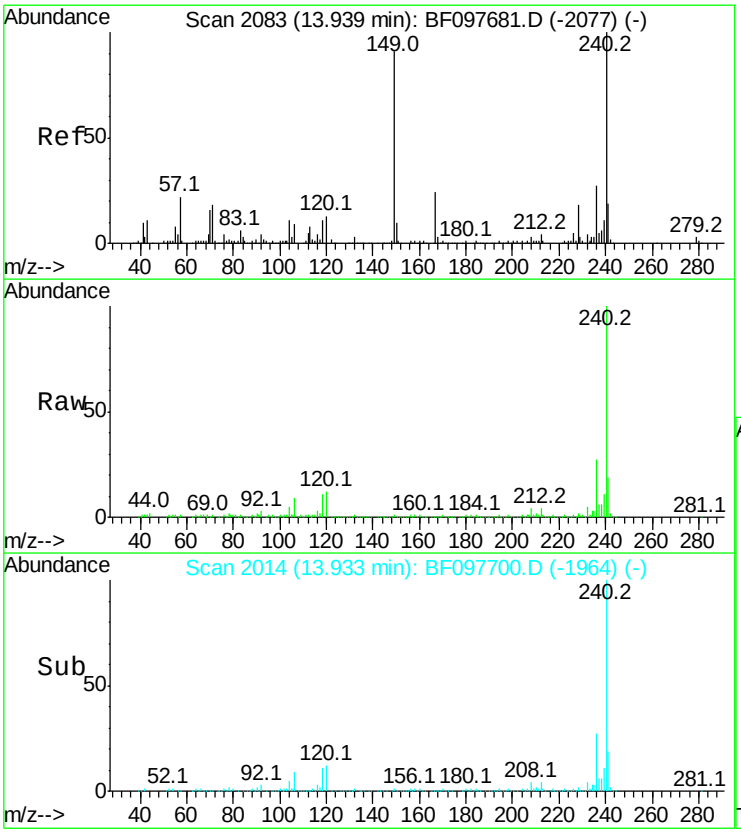
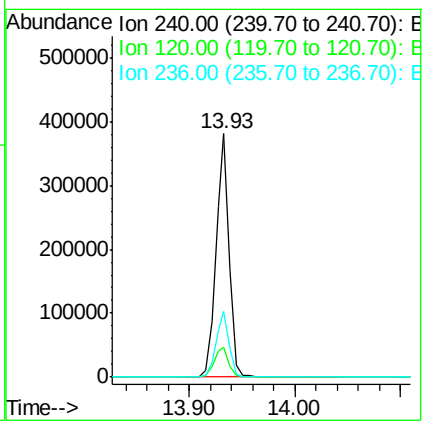
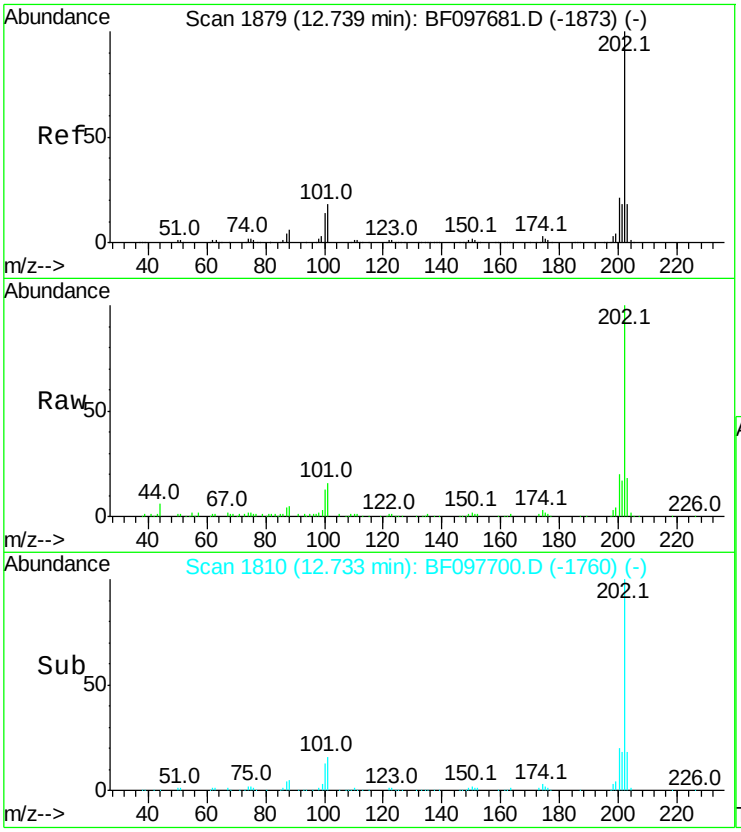


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:240 Resp: 332962

Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	27.0	20.5	30.7

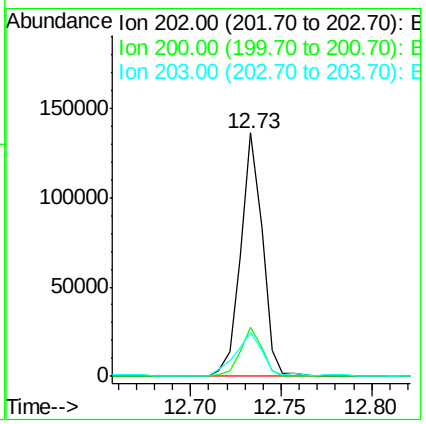




#77
Pyrene
Concen: 4.187 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:202 Resp: 114033

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.6	26.4
203	17.9	14.4	21.6



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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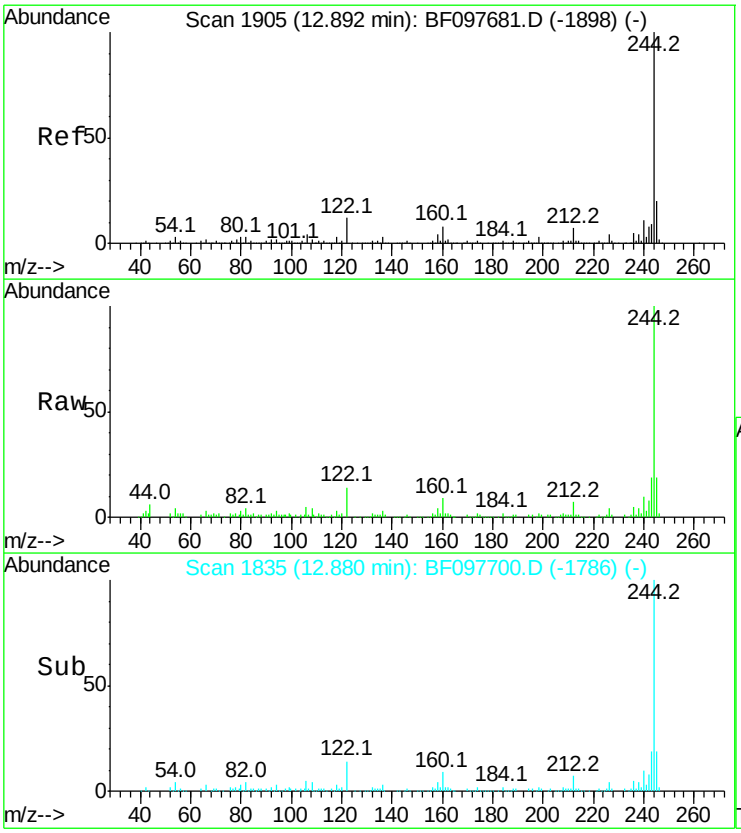
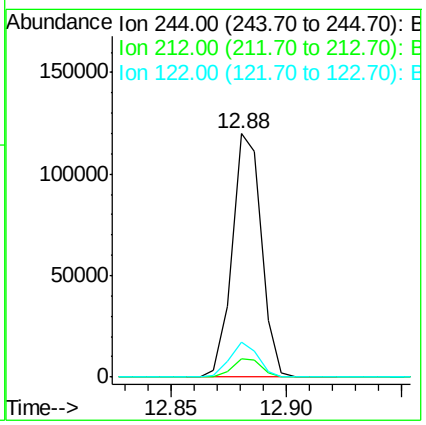
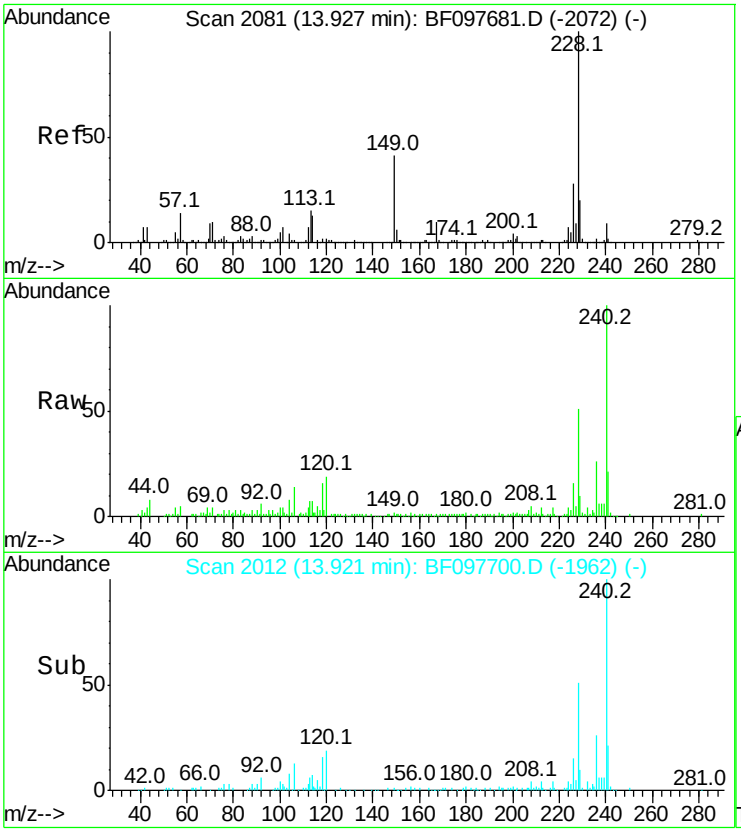


#78
Terphenyl-d14
Concen: 6.630 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:244 Resp: 105858

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.3	10.3	15.5

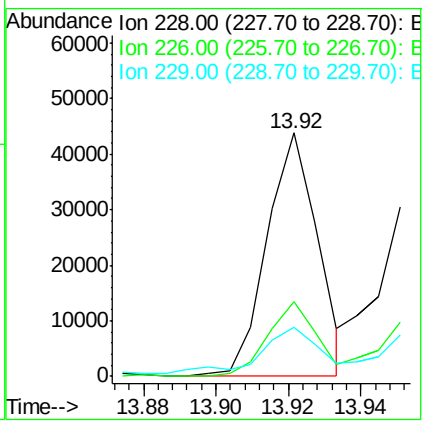




#80
Benzo(a)anthracene
Concen: 2.140 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:228 Resp: 42705

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.6	33.8
229	20.3	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
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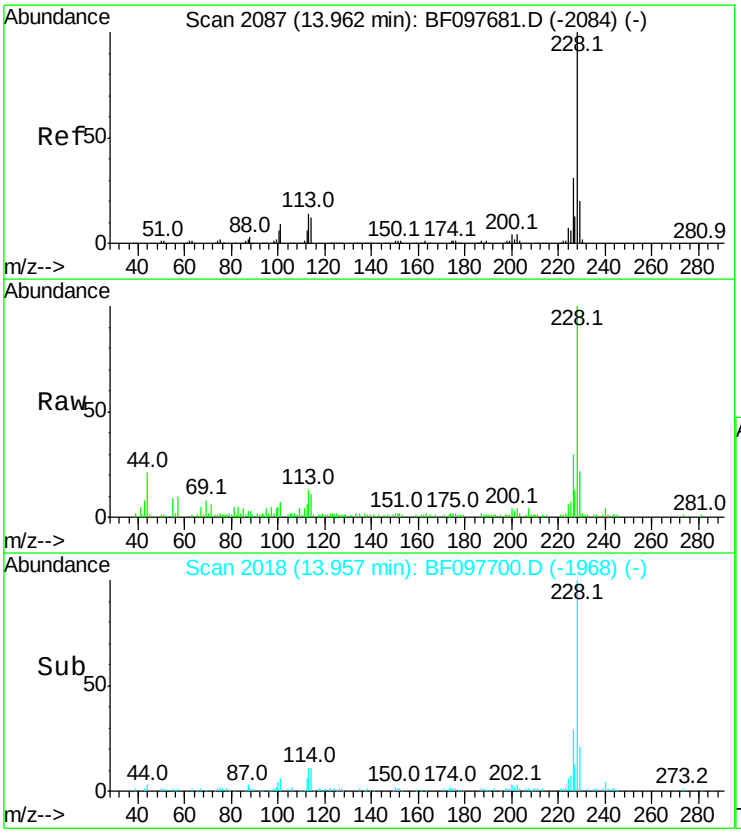
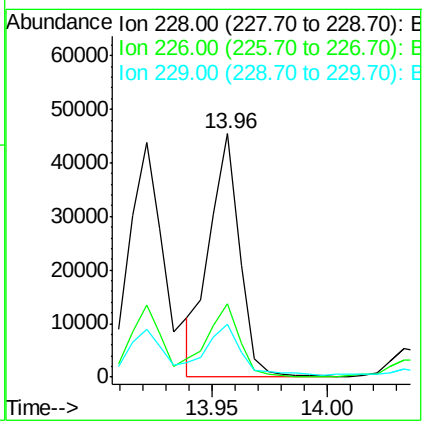
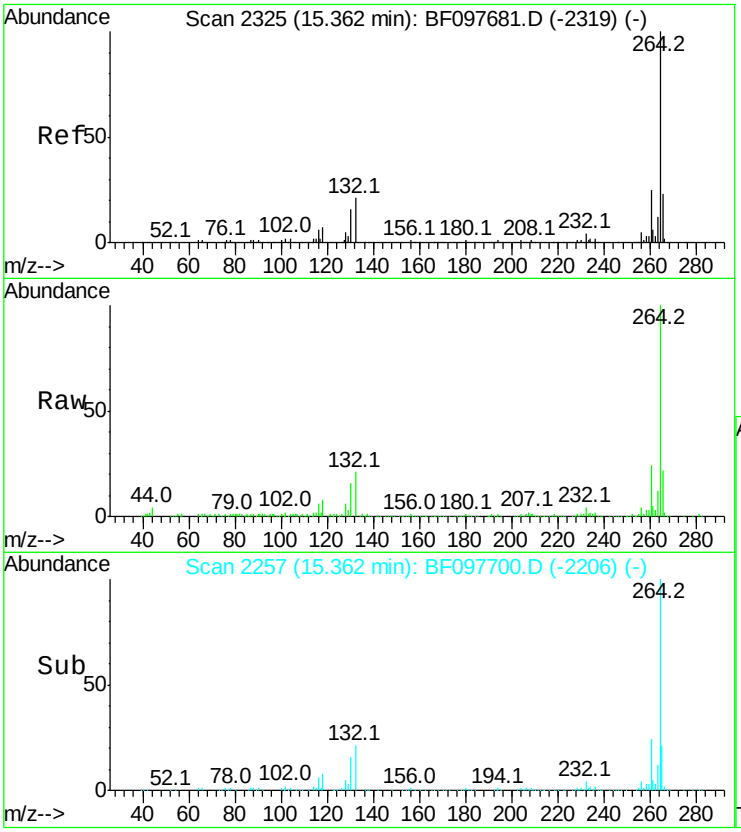


#82
Chrysene
Concen: 2.092 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:228 Resp: 41539

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.7	15.8	23.6

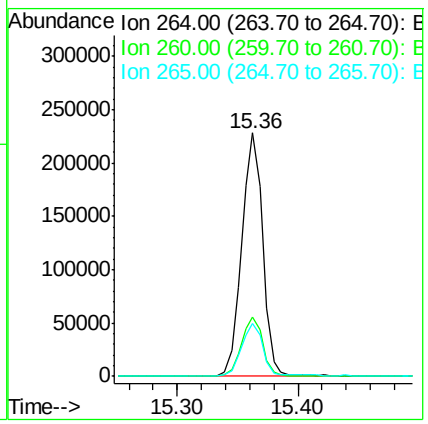




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:264 Resp: 279087

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.6	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

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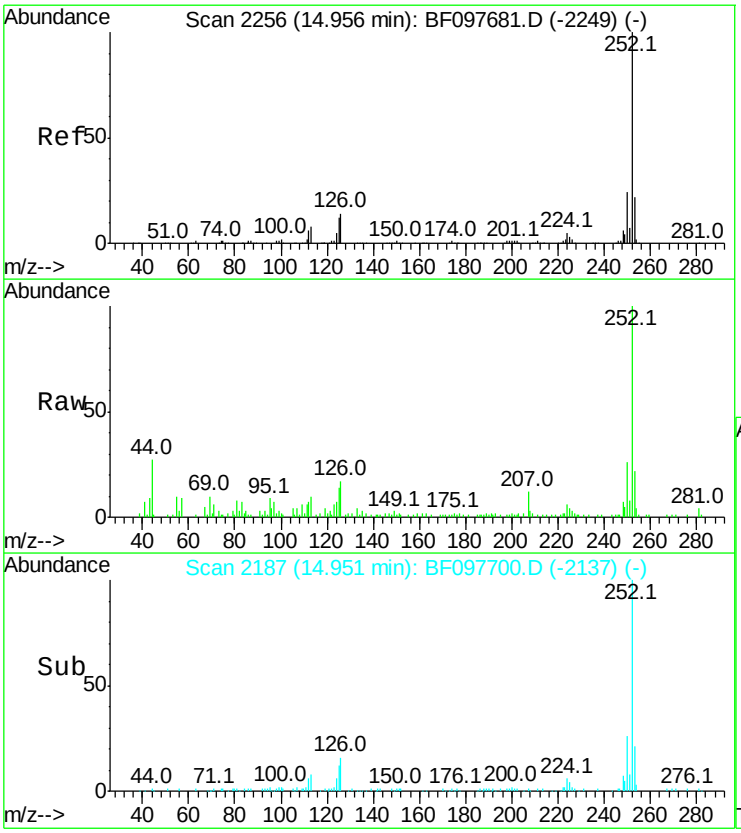
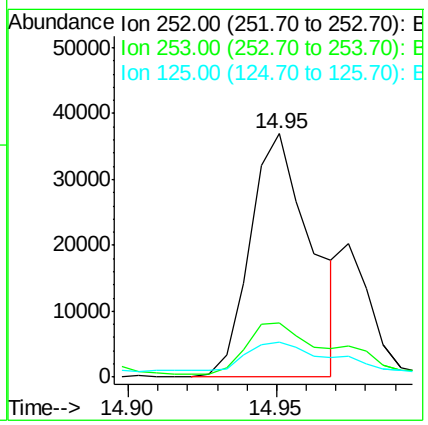
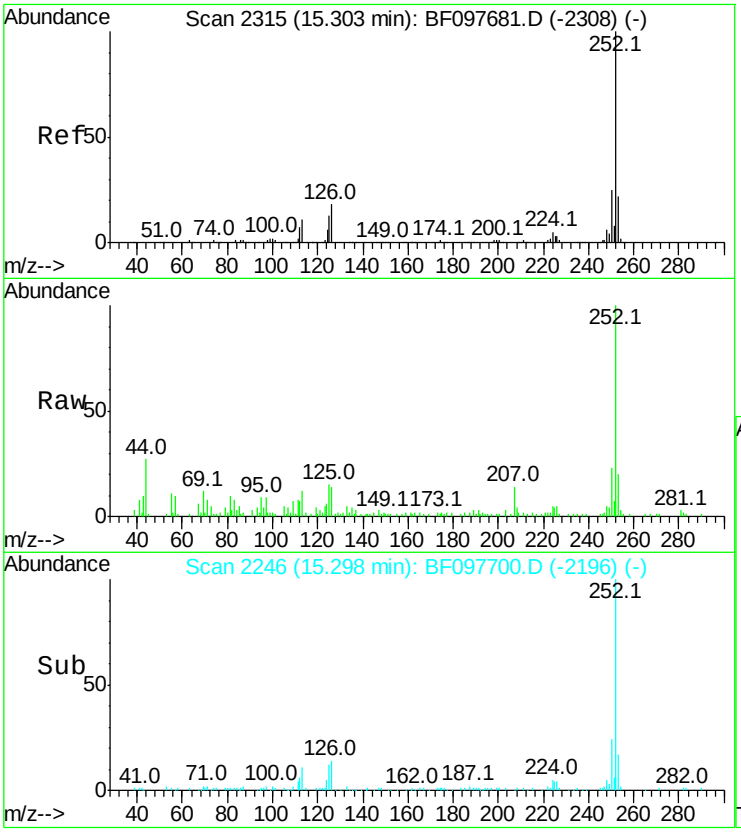


#87
Benzo(b)fluoranthene
Concen: 3.018 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:252 Resp: 53094

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	14.5	9.8	14.8

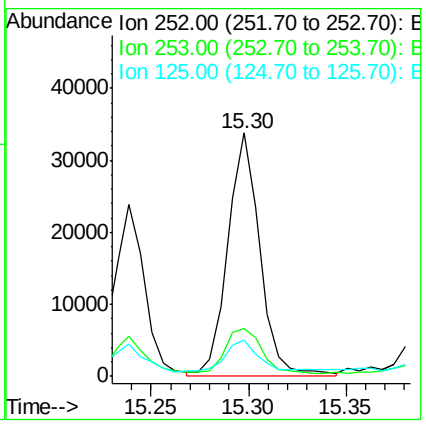




#89
Benzo(a)pyrene
Concen: 2.487 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

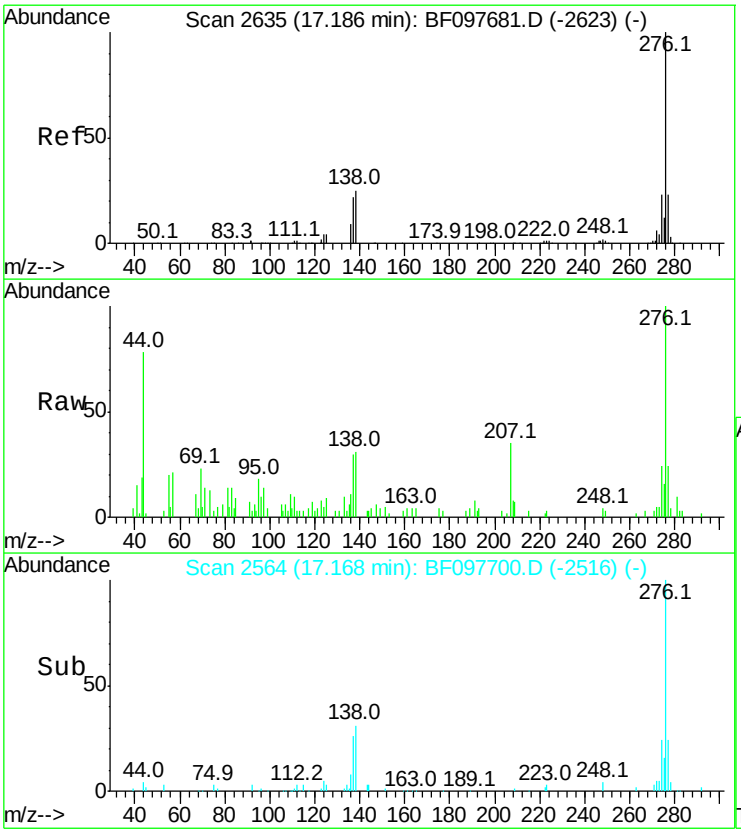
Tgt Ion:252 Resp: 38729

Ion	Ratio	Lower	Upper
252	100		
253	19.7	17.5	26.3
125	14.7	11.0	16.4



Instrument :
BNA_F
ClientSampleId :
SA-06-081117-A

Manual Integrations APPROVED
Sohil
8/16/2017 6:45:27 PM



#91
Benzo(g,h,i)perylene
Concen: 2.059 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BF097700.D
Acq: 15 Aug 2017 19:32

Tgt Ion:276 Resp: 27239

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	31.1	25.4	38.0