Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096365.D
Acq On : 1 Jul 2017 4:44
Operator : SJ/MA
Sample : I3974-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-04-062817

Manual Integrations APPROVED
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7/3/2017 11:37:56 AM

Quant Time: Jul 01 06:43:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	139568	20.00	ng		-0.02
21) Naphthalene-d8	8.04	136	525118	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	188612	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	318684	20.00	ng		-0.01
75) Chrysene-d12	13.90	240	239054	20.00	ng		-0.01
86) Perylene-d12	15.33	264	167387	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	499302	51.54	ng		-0.01
7) Phenol-d6	6.39	99	592687	50.53	ng		0.00
23) Nitrobenzene-d5	7.32	82	304757	40.18	ng		-0.04
41) 2,4,6-Tribromophenol	10.57	330	103103	69.46	ng		-0.02
44) 2-Fluorobiphenyl	9.12	172	497085	48.27	ng		-0.03
78) Terphenyl-d14	12.86	244	409364	42.73	ng		-0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.51	163	71795	5.32	ng		98
74) Fluoranthene	12.48	202	85691	4.84	ng		97
77) Pyrene	12.71	202	85796	4.37	ng		98
80) Benzo(a)anthracene	13.89	228	37567	2.58	ng	#	80
82) Chrysene	13.93	228	36484	2.42	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.71	276	32526	2.60	ng		96
87) Benzo(b)fluoranthene	14.92	252	53974m	4.91	ng		
89) Benzo(a)pyrene	15.27	252	36169	3.72	ng	#	79
91) Benzo(g,h,i)perylene	17.13	276	39119	4.95	ng	#	91

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

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Instrument :
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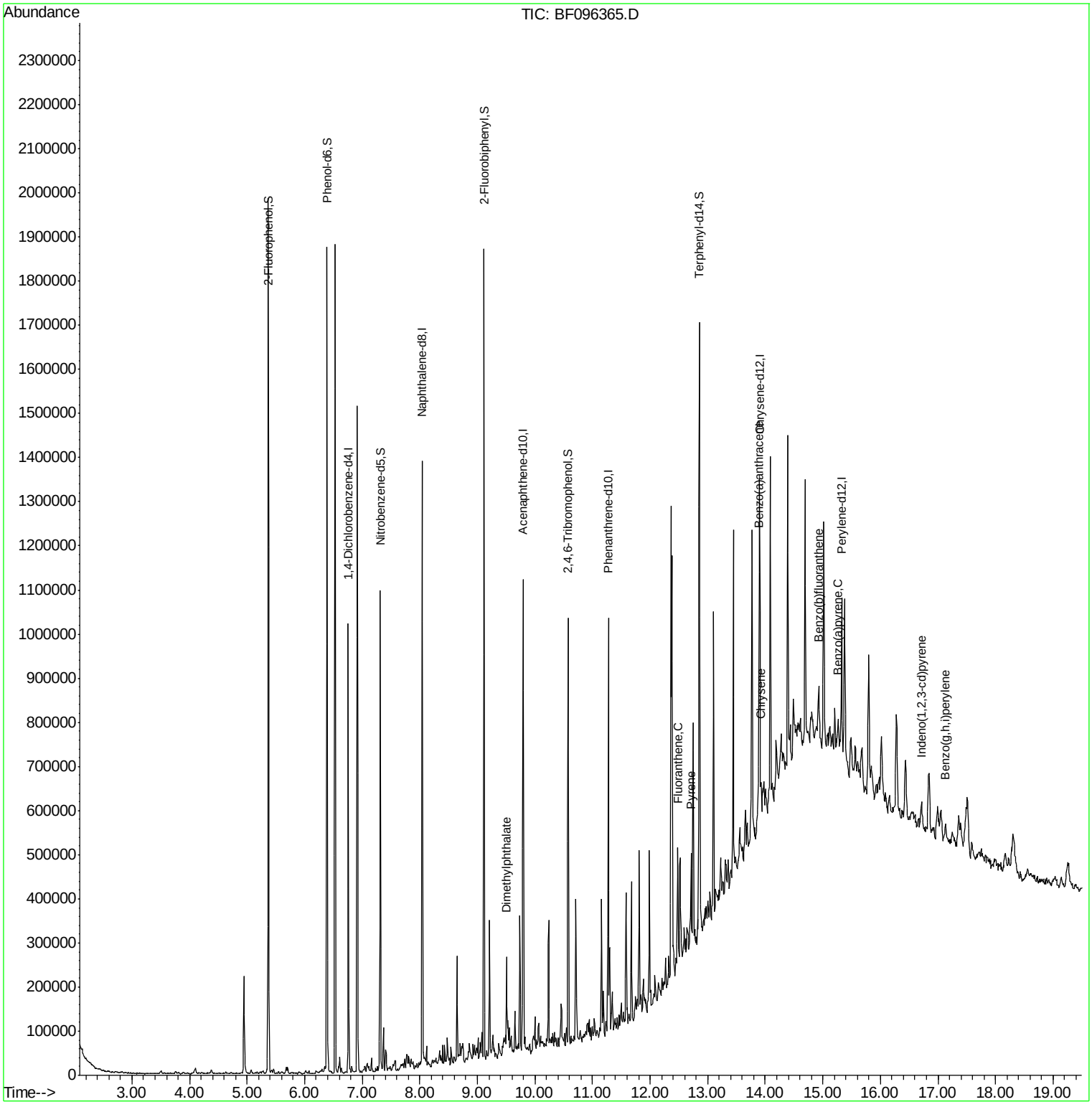
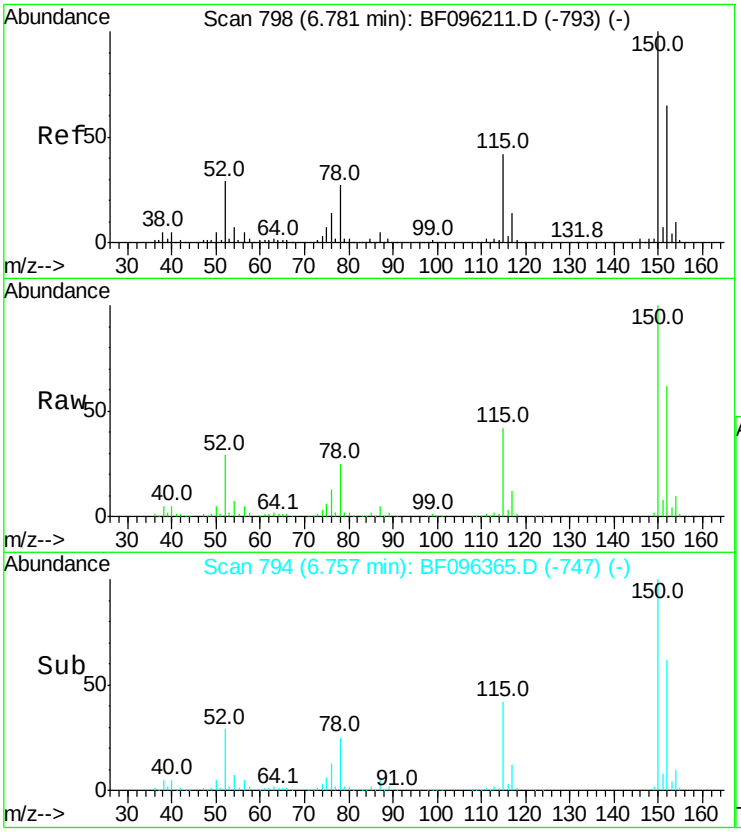
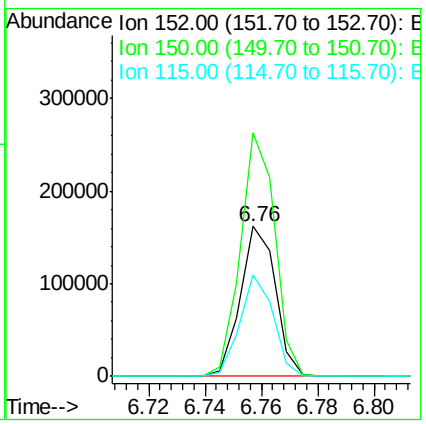




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:152 Resp: 139568

Ion	Ratio	Lower	Upper
152	100		
150	162.5	126.2	189.2
115	68.0	52.2	78.2



Instrument :
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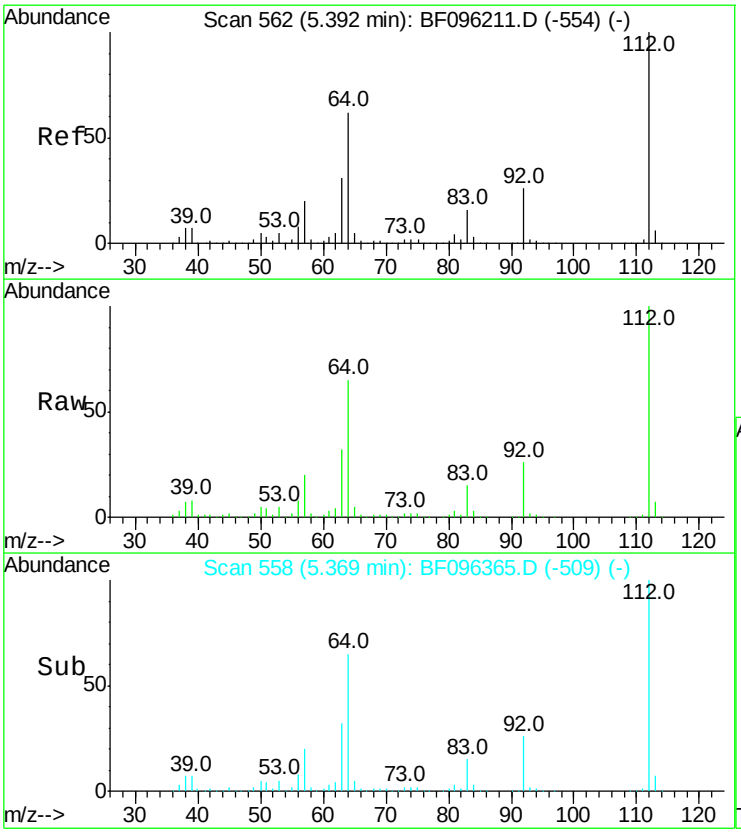
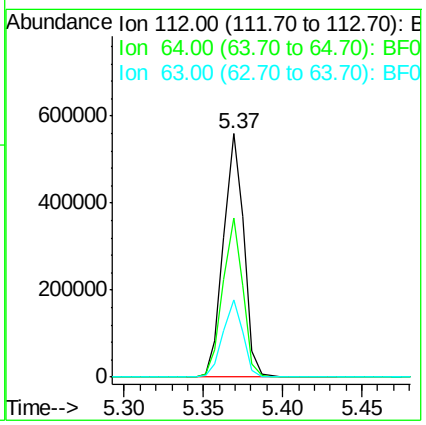
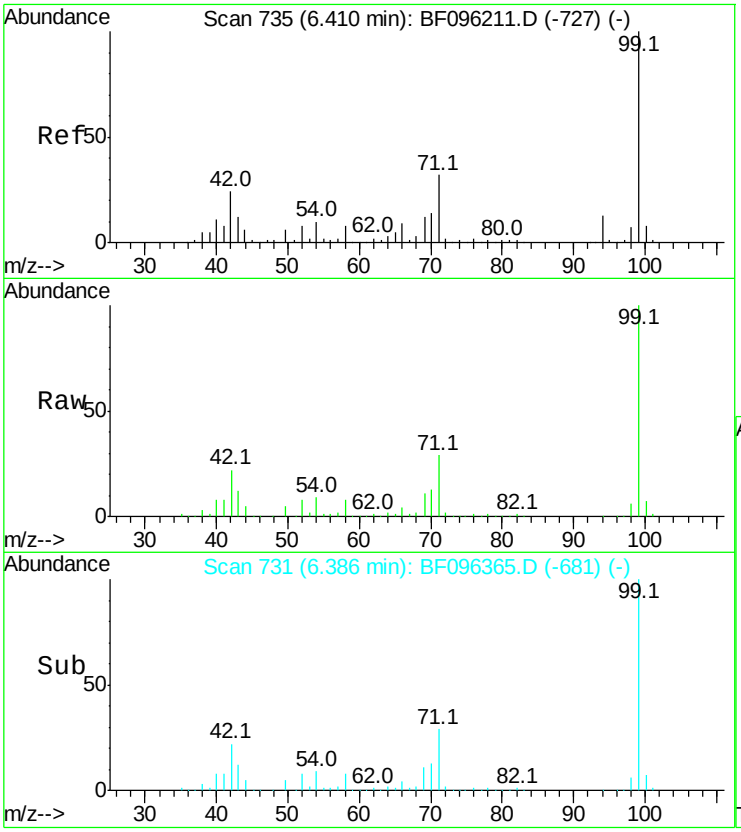


#5
2-Fluorophenol
Concen: 51.54 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:112 Resp: 499302

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	31.9	23.4	35.0

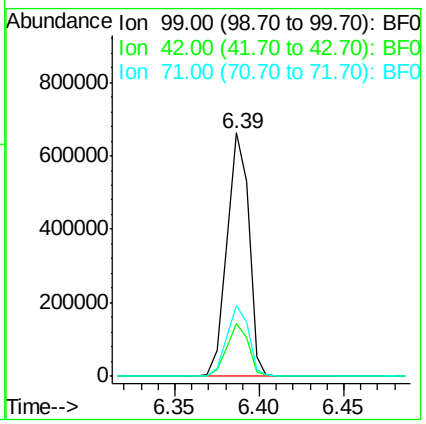




#7
Phenol-d6
Concen: 50.53 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion: 99 Resp: 592687

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	29.3	24.5	36.7



Instrument :
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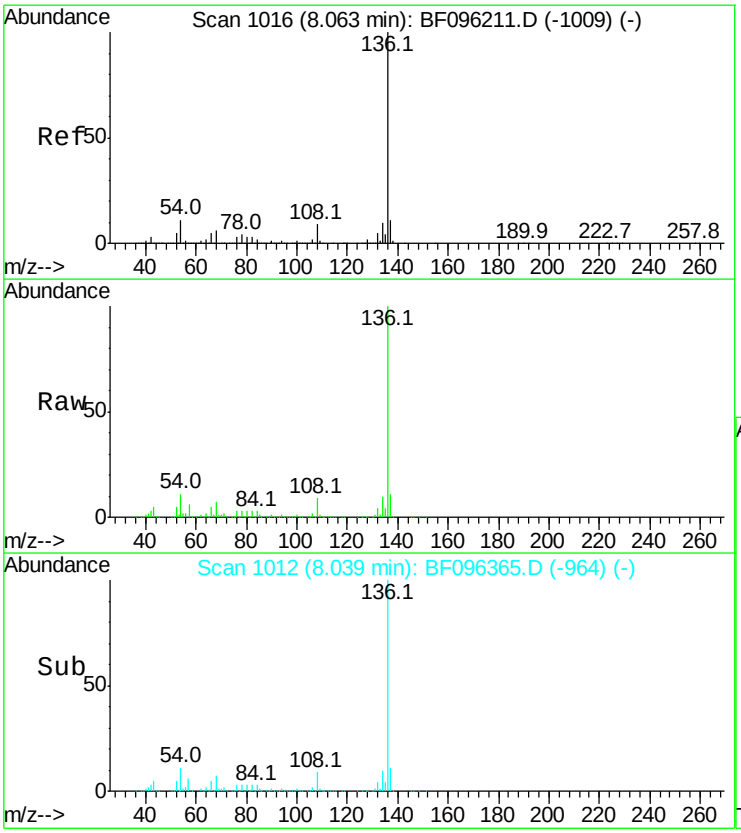
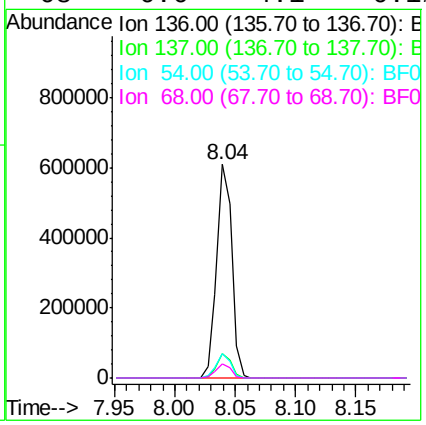
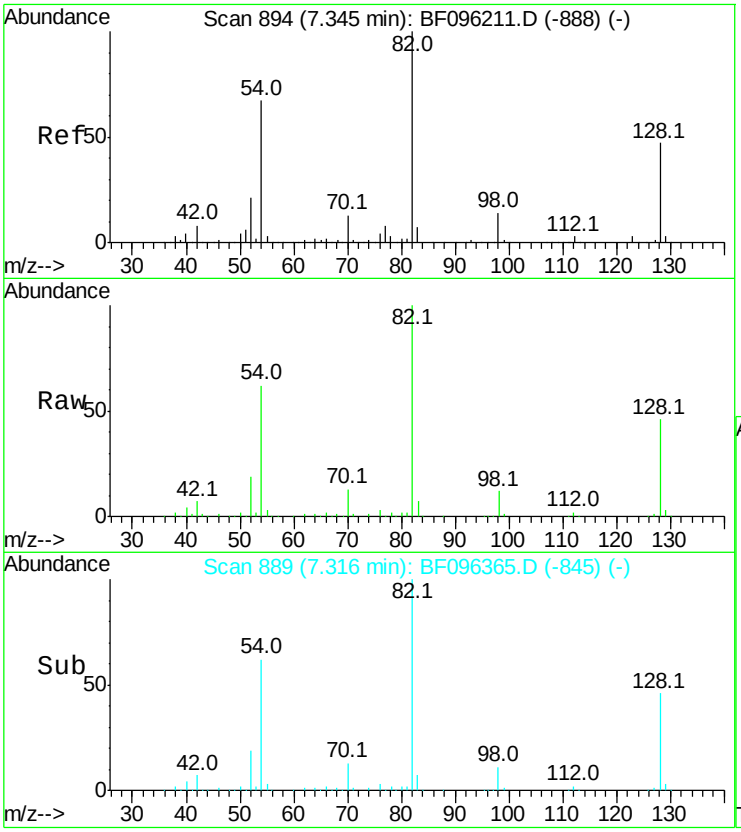


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:136 Resp: 525118

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.3	4.9	7.3#
68	6.6	4.1	6.1#

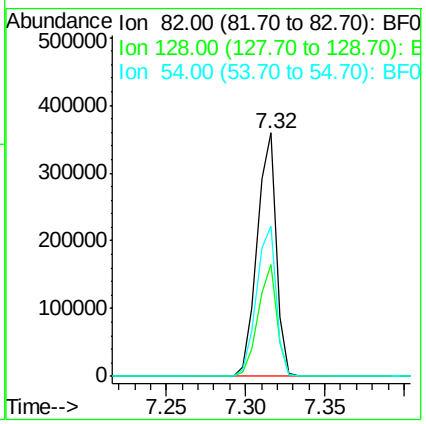




#23
Nitrobenzene-d5
Concen: 40.18 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion: 82 Resp: 304757

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.0	51.0
54	61.7	42.2	63.2



Instrument :
BNA_F
ClientSampleId :
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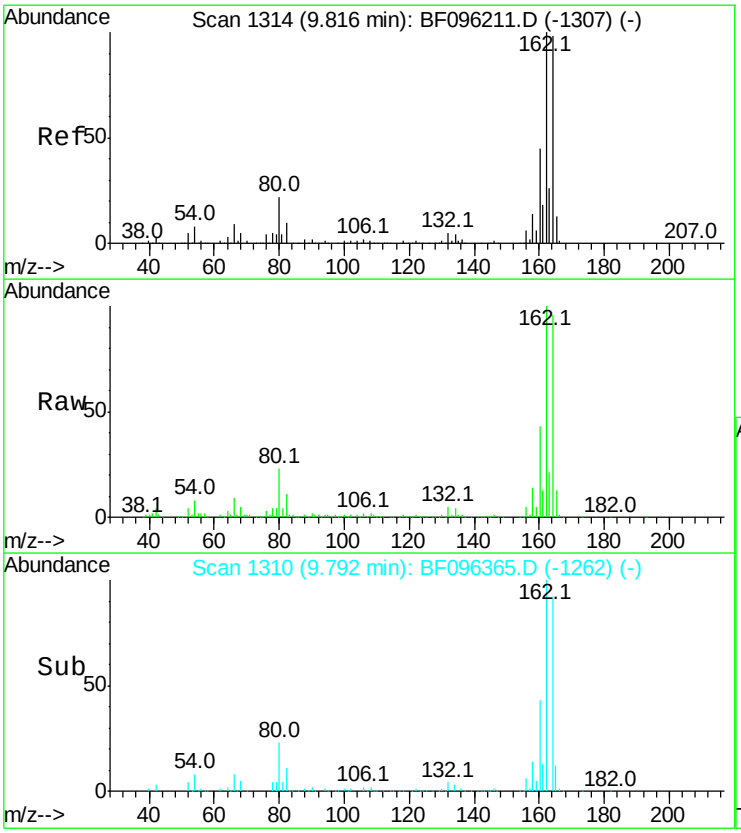
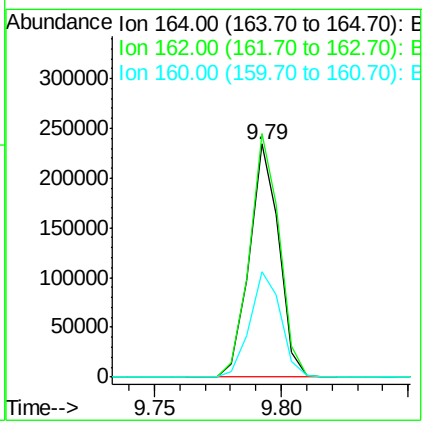
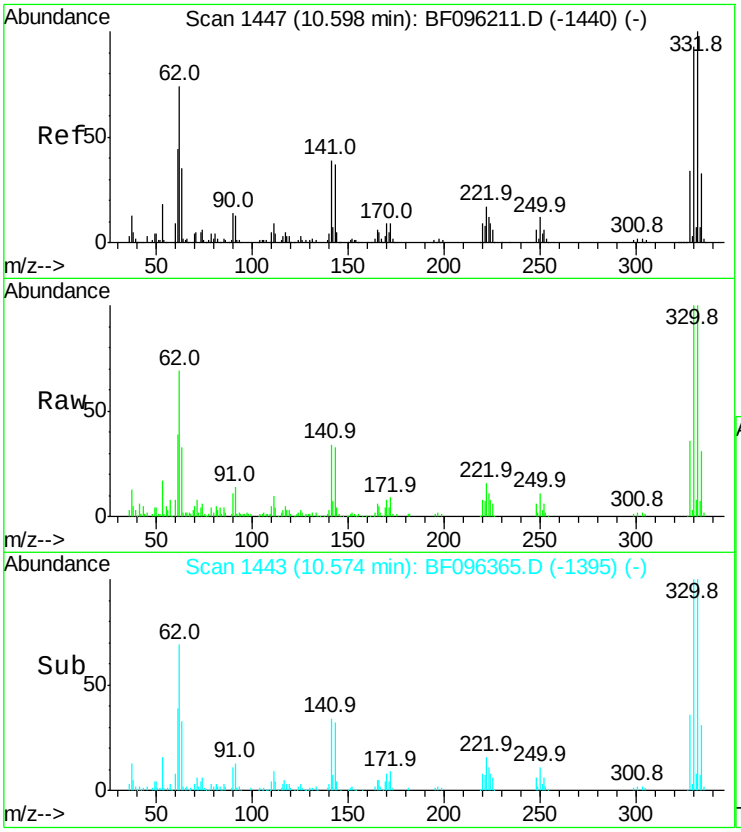


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:164 Resp: 188612

Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.2	36.2	54.2





#41
2,4,6-Tribromophenol
Concen: 69.46 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:330 Resp: 103103

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.6	115.0
141	30.3	31.4	47.2#

Instrument :
BNA_F
ClientSampleId :
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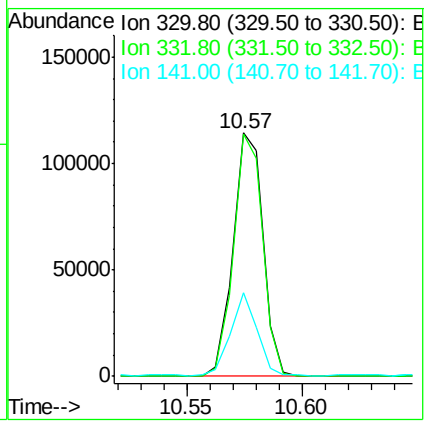
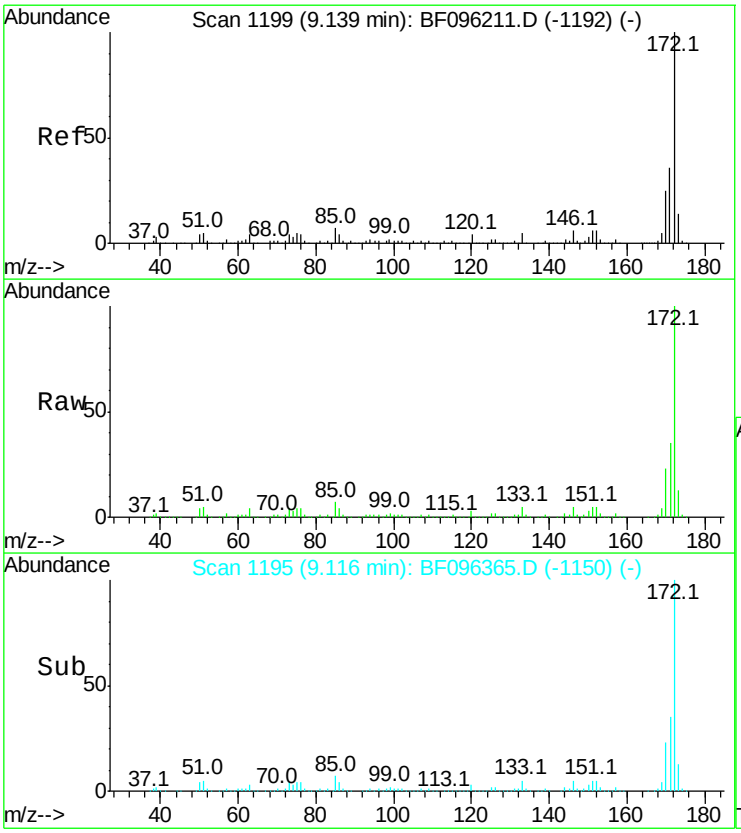
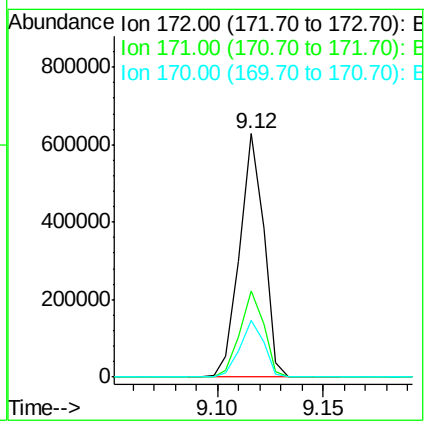


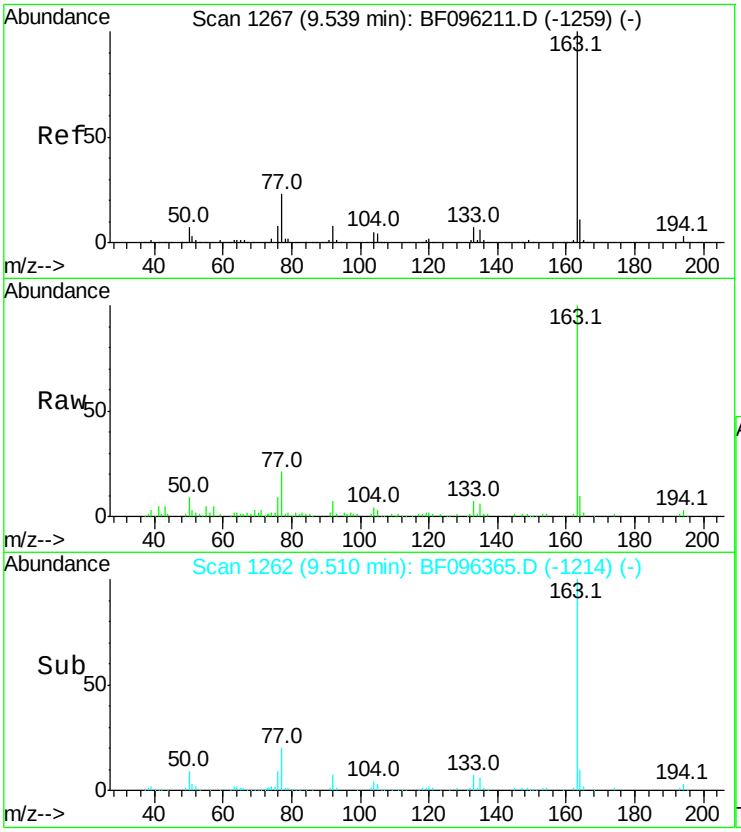


#44
2-Fluorobiphenyl
Concen: 48.27 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.03 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:172 Resp: 497085

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	23.3	19.8	29.8

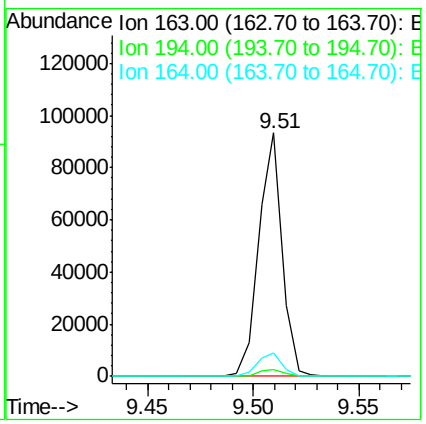




#49
Dimethylphthalate
Concen: 5.32 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:163 Resp: 71795

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.8	8.4	12.6



Instrument :
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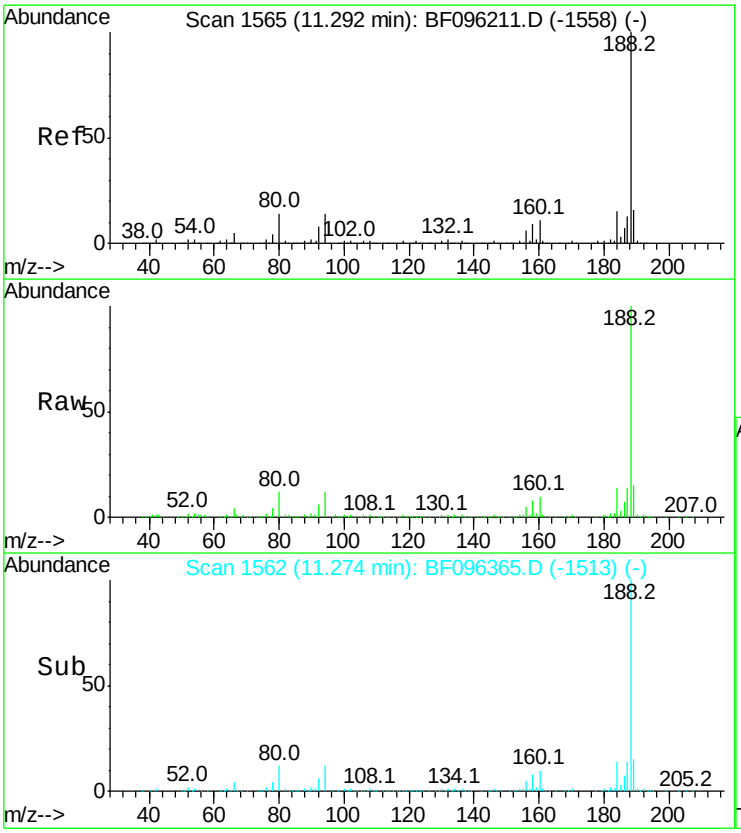
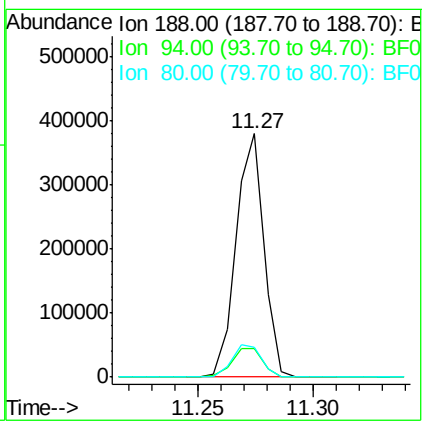
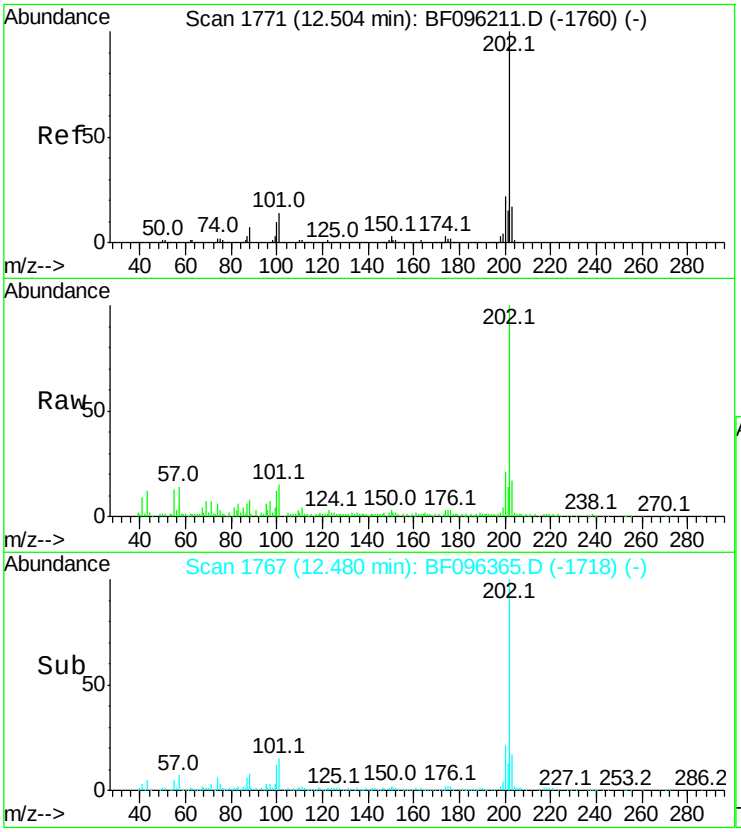


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:188 Resp: 318684

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.2	10.2	15.2

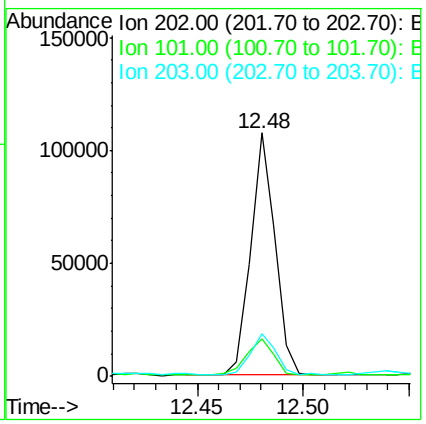




#74
Fluoranthene
Concen: 4.84 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:202 Resp: 85691

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	33.2
203	17.3	0.0	38.1



Instrument :
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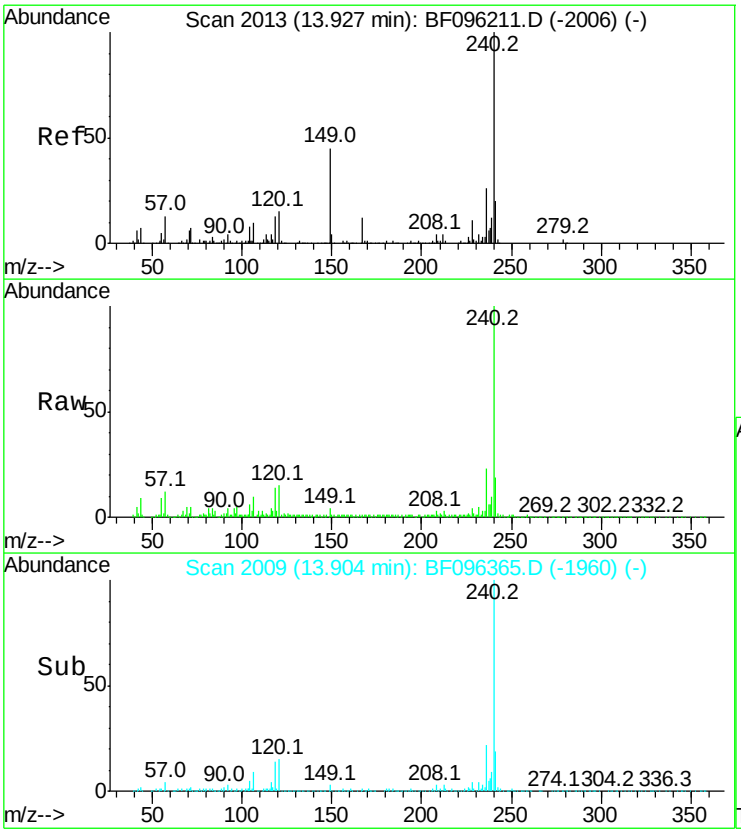
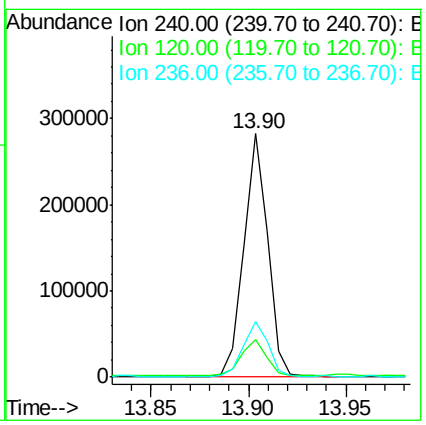
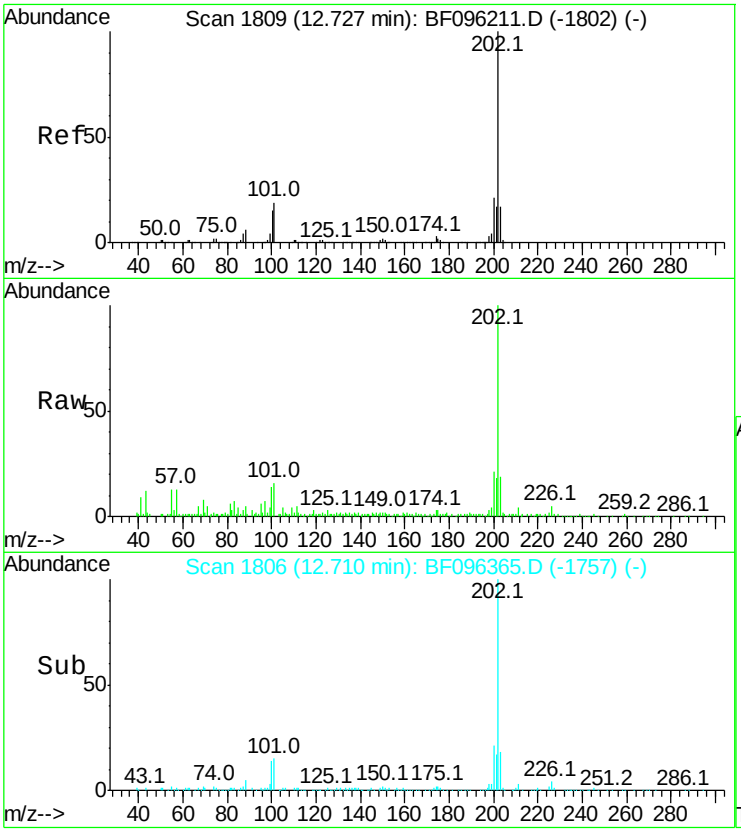


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:240 Resp: 239054

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	22.5	20.5	30.7

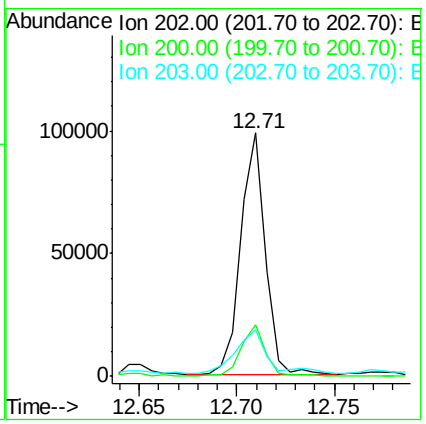




#77
Pyrene
Concen: 4.37 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:202 Resp: 85796

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	19.0	14.4	21.6



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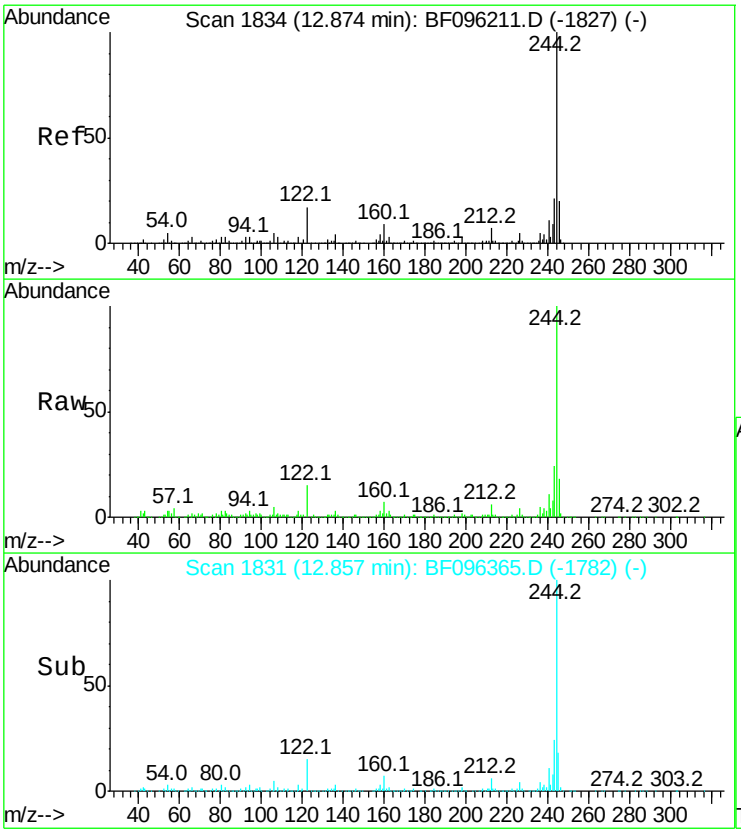
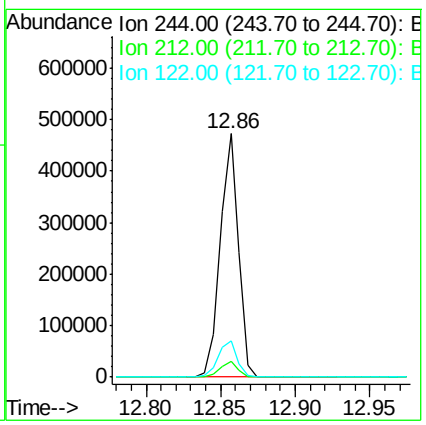
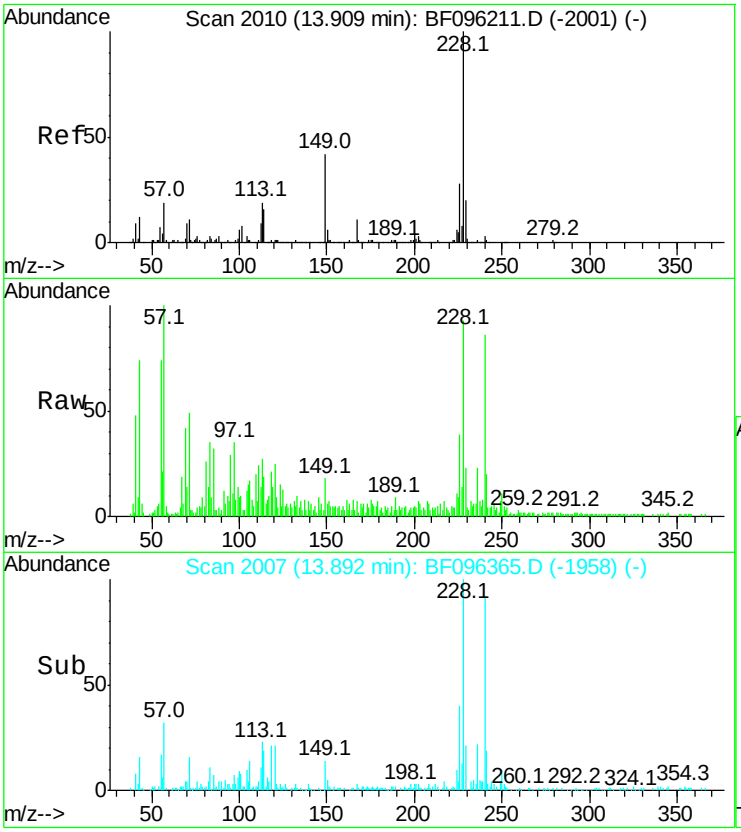


#78
Terphenyl-d14
Concen: 42.73 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:244 Resp: 409364

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	14.9	10.3	15.5





#80
Benzo(a)anthracene
Concen: 2.58 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:228 Resp: 37567

Ion	Ratio	Lower	Upper
228	100		
226	42.3	22.6	33.8#
229	25.0	16.3	24.5#

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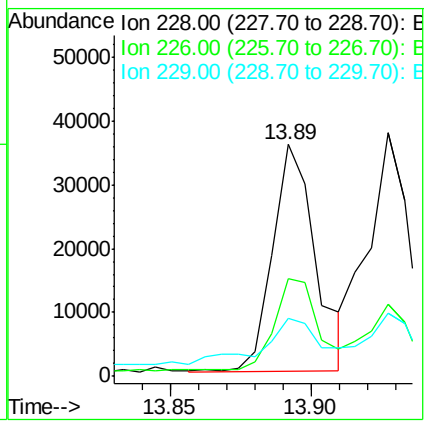
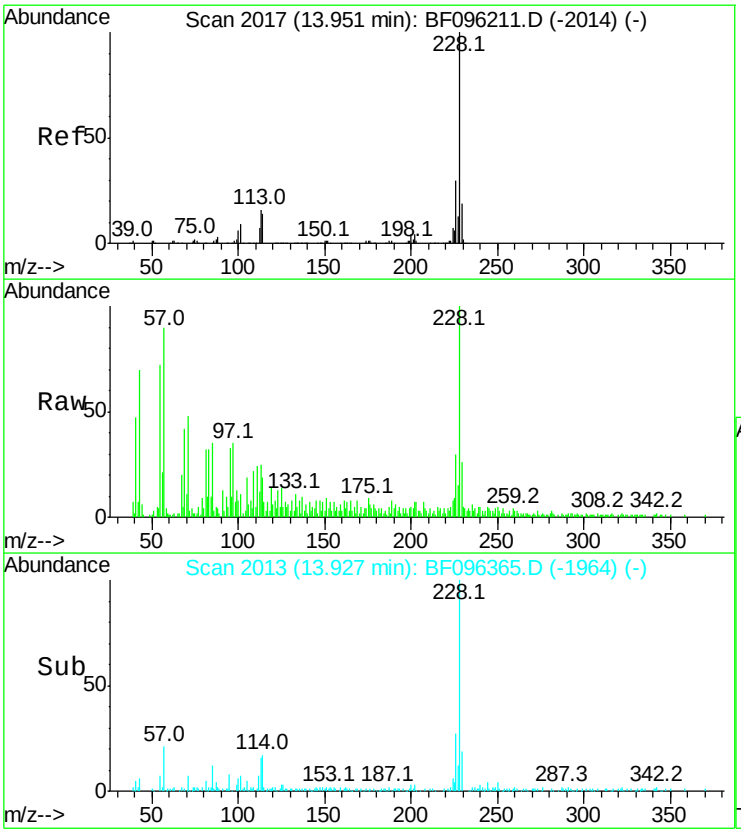
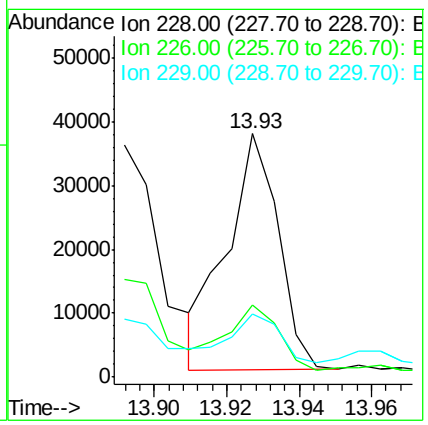


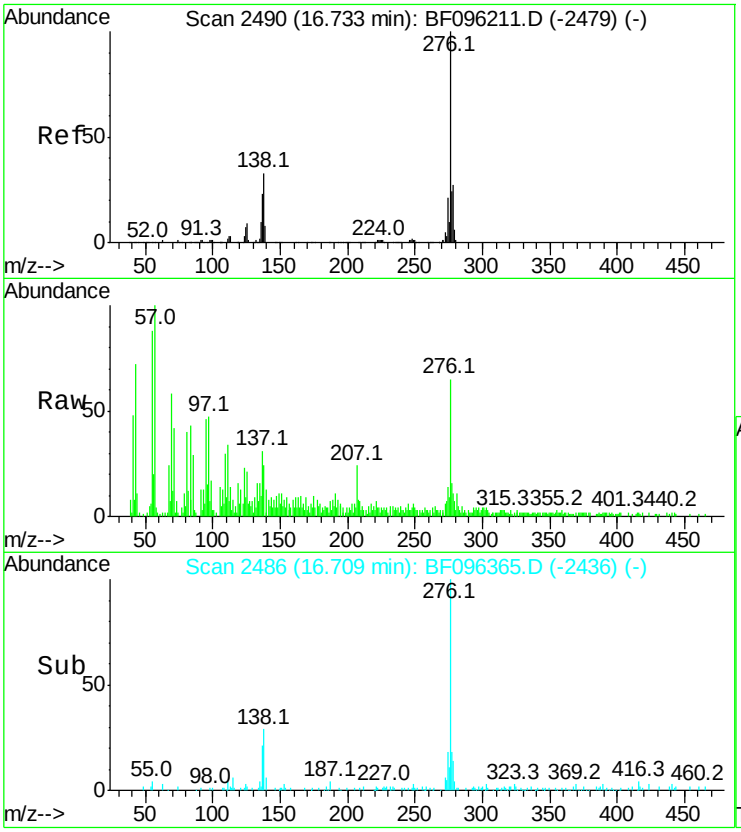


#82
Chrysene
Concen: 2.42 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:228 Resp: 36484

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	25.8	15.8	23.6#

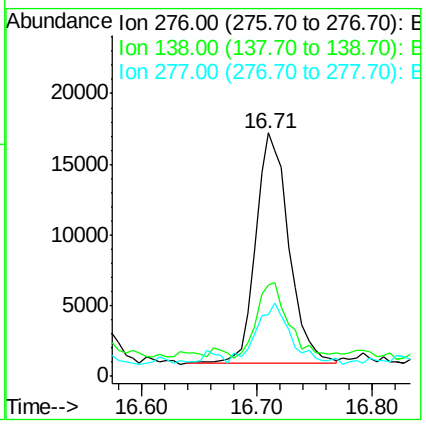




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.60 ng
RT: 16.71 min Scan# 2486
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:276 Resp: 32526

Ion	Ratio	Lower	Upper
276	100		
138	31.7	27.8	41.6
277	26.8	20.2	30.4



Instrument :
BNA_F
ClientSampleId :
OK-04-062817

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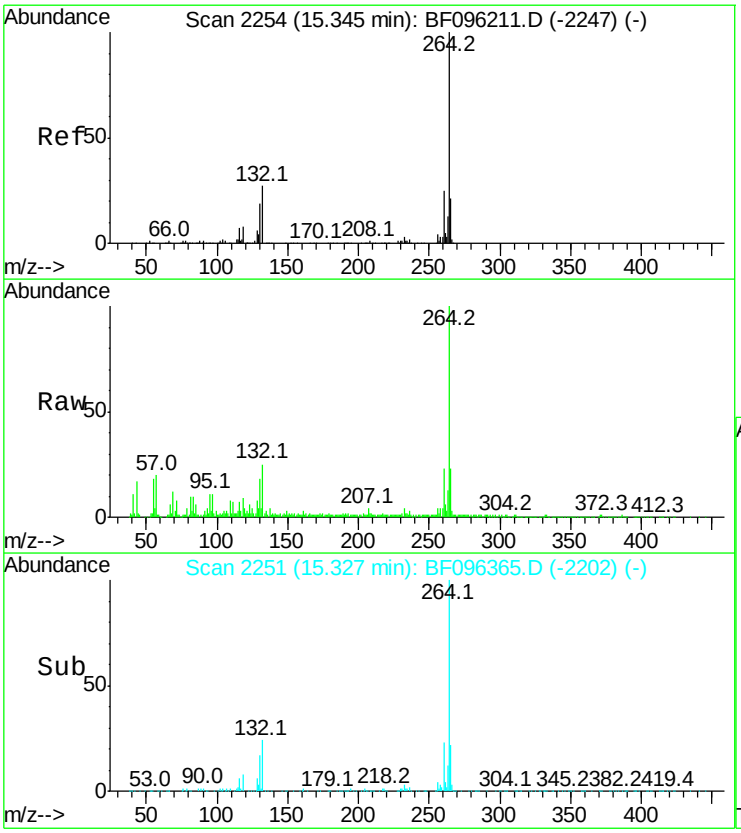
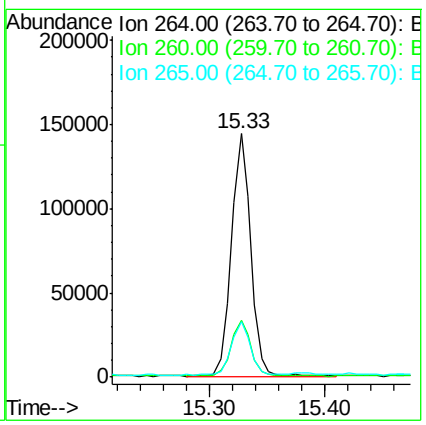
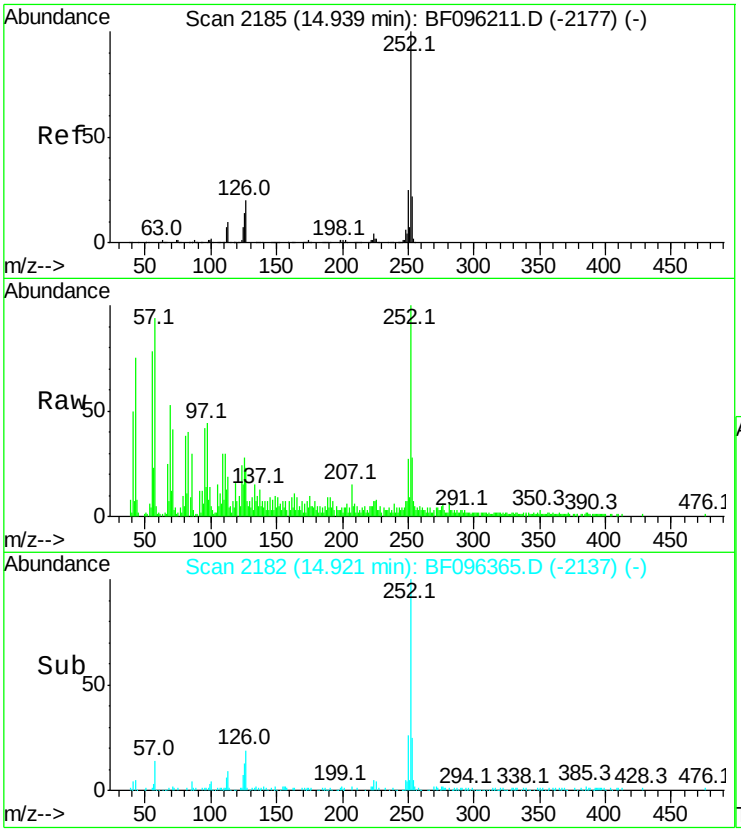


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:264 Resp: 167387

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	23.0	17.2	25.8

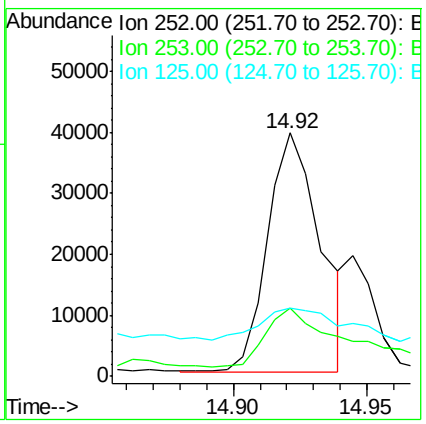




#87
Benzo(b)fluoranthene
Concen: 4.91 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:252 Resp: 53974

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	28.2	9.8	14.8#



Instrument :
BNA_F
ClientSampleId :
OK-04-062817

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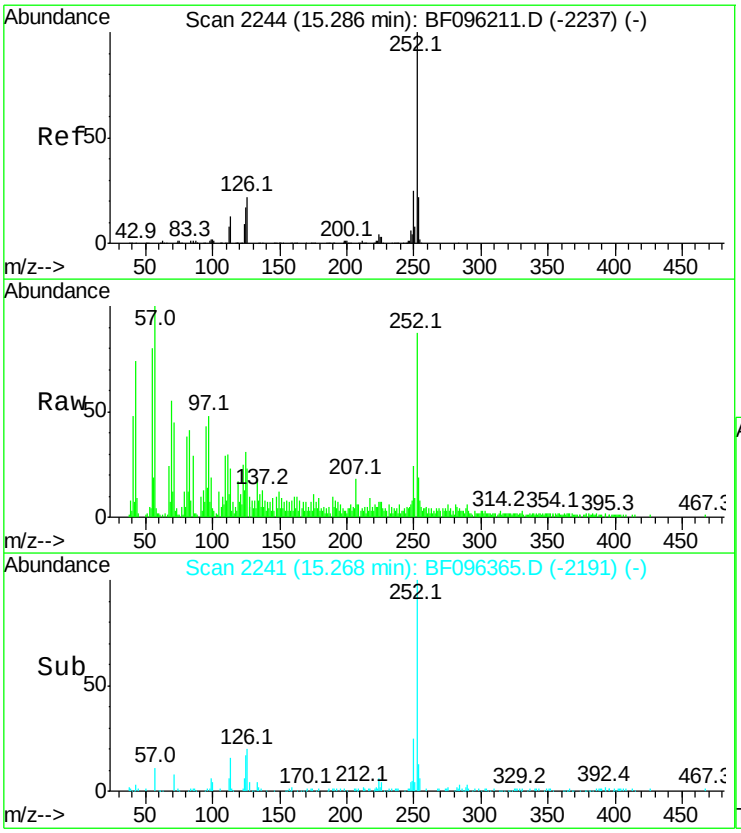
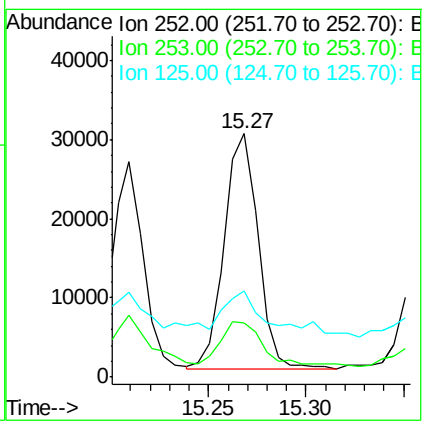
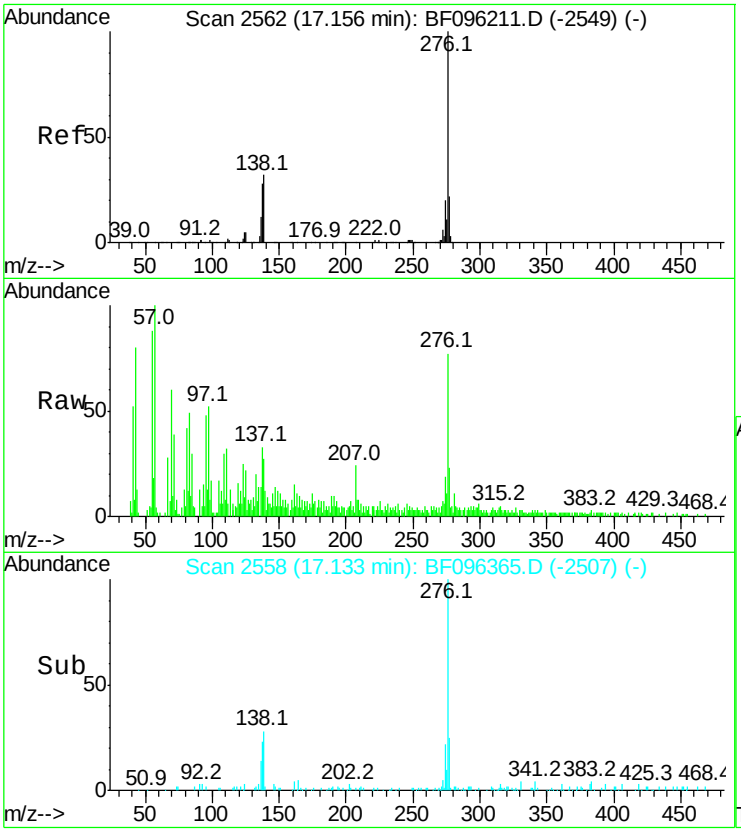


#89
Benzo(a)pyrene
Concen: 3.72 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:252 Resp: 36169

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	35.3	11.0	16.4#

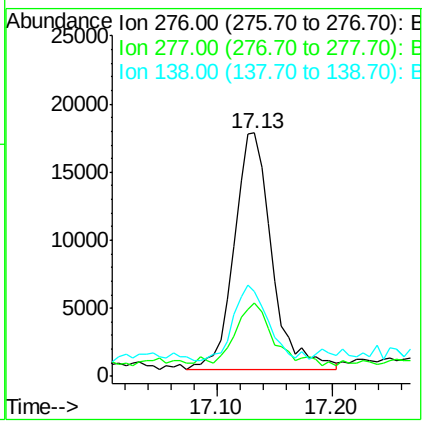




#91
Benzo(g,h,i)perylene
Concen: 4.95 ng
RT: 17.13 min Scan# 2558
Delta R.T. -0.00 min
Lab File: BF096365.D
Acq: 1 Jul 2017 4:44

Tgt Ion:276 Resp: 39119

Ion	Ratio	Lower	Upper
276	100		
277	30.2	18.6	28.0#
138	34.7	25.4	38.0



Instrument :
BNA_F
ClientSampleId :
OK-04-062817

Manual Integrations APPROVED
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