Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096439.D
Acq On : 3 Jul 2017 14:19
Operator : SJ/MA
Sample : I3908-10RE 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G-58-1.5-3RE

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:13 AM

Quant Time: Jul 03 16:53:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	169762	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	715960	20.00	ng		-0.02
38) Acenaphthene-d10	9.76	164	260218	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	359825	20.00	ng		-0.02
75) Chrysene-d12	13.86	240	272178	20.00	ng		-0.02
86) Perylene-d12	15.27	264	259650	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	100700	8.76	ng		-0.02
7) Phenol-d6	6.35	99	111129	7.86	ng		-0.02
23) Nitrobenzene-d5	7.27	82	69201	5.81	ng		-0.03
41) 2,4,6-Tribromophenol	10.54	330	15705	7.73	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	117865	7.74	ng		-0.02
78) Terphenyl-d14	12.82	244	57810	4.54	ng		-0.02
Target Compounds							Qvalue
70) Phenanthrene	11.26	178	95075	4.888	ng		96
74) Fluoranthene	12.44	202	104019	5.454	ng		98
77) Pyrene	12.67	202	98965	4.530	ng		99
80) Benzo(a)anthracene	13.86	228	54006	3.426	ng		96
82) Chrysene	13.89	228	56776	3.440	ng		99
87) Benzo(b)fluoranthene	14.87	252	59932m	3.684	ng		
89) Benzo(a)pyrene	15.21	252	43641	3.004	ng	#	90

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
Data File : BF096439.D
Acq On : 3 Jul 2017 14:19
Operator : SJ/MA
Sample : I3908-10RE 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 03 16:53:56 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 01:43:12 2017
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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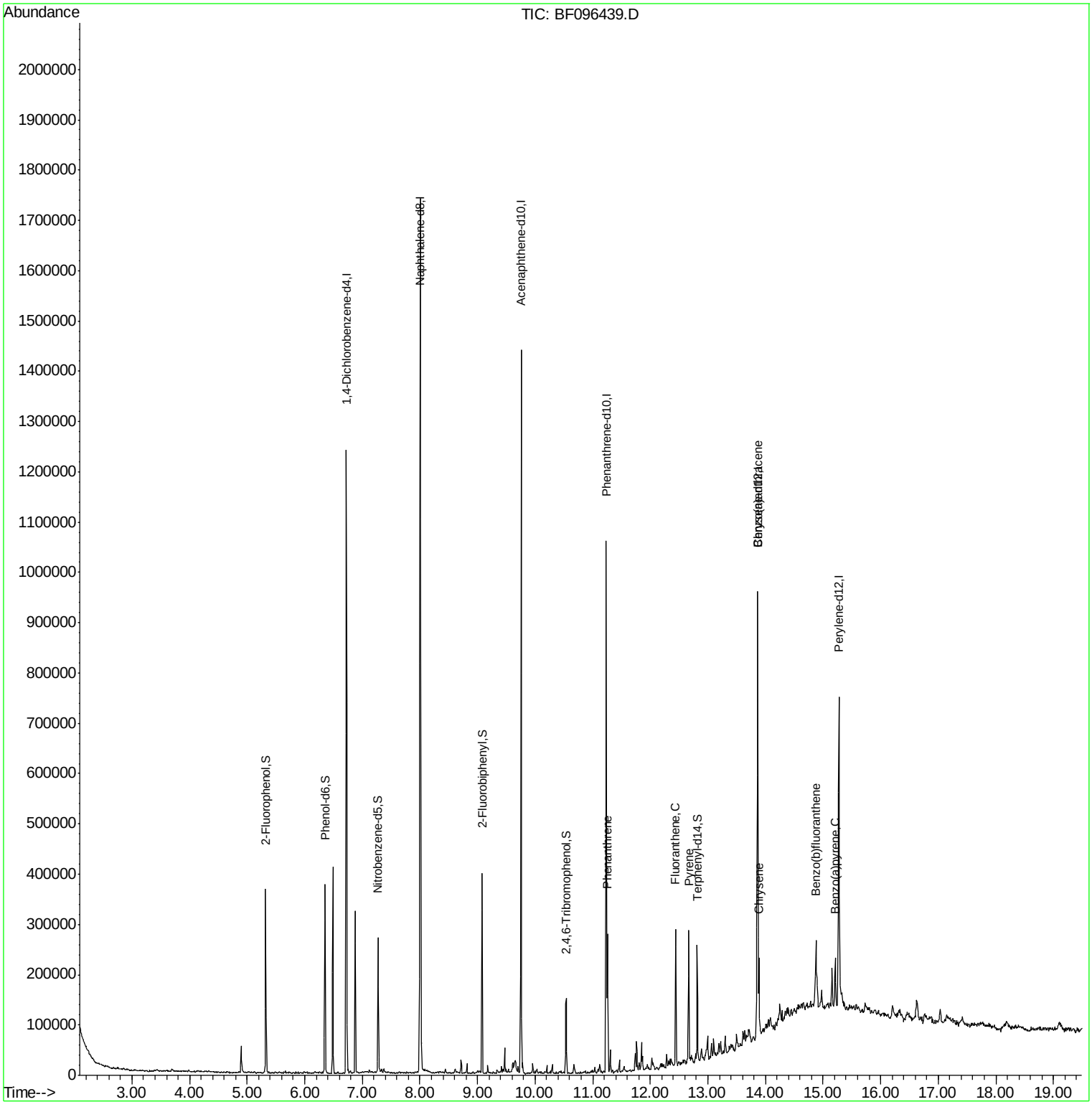
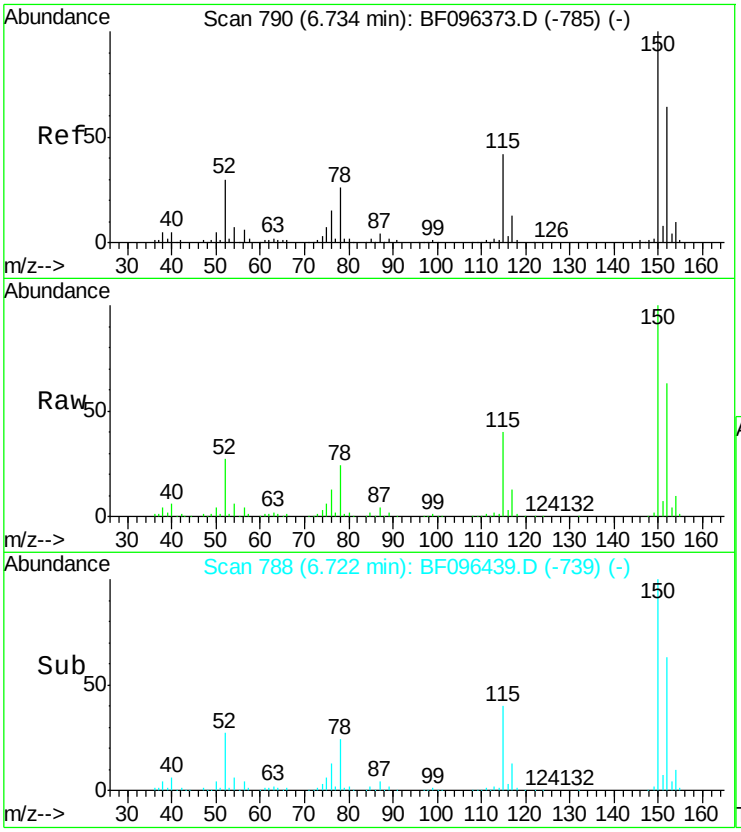
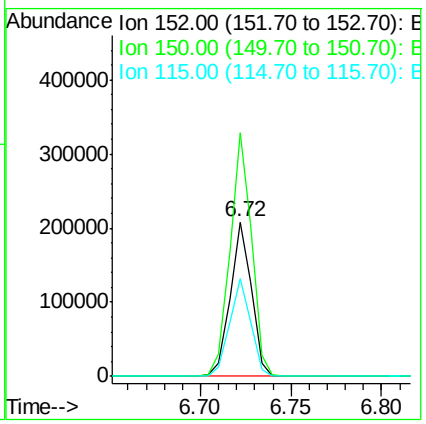




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:152 Resp: 169762

Ion	Ratio	Lower	Upper
152	100		
150	157.7	126.2	189.2
115	62.9	52.2	78.2



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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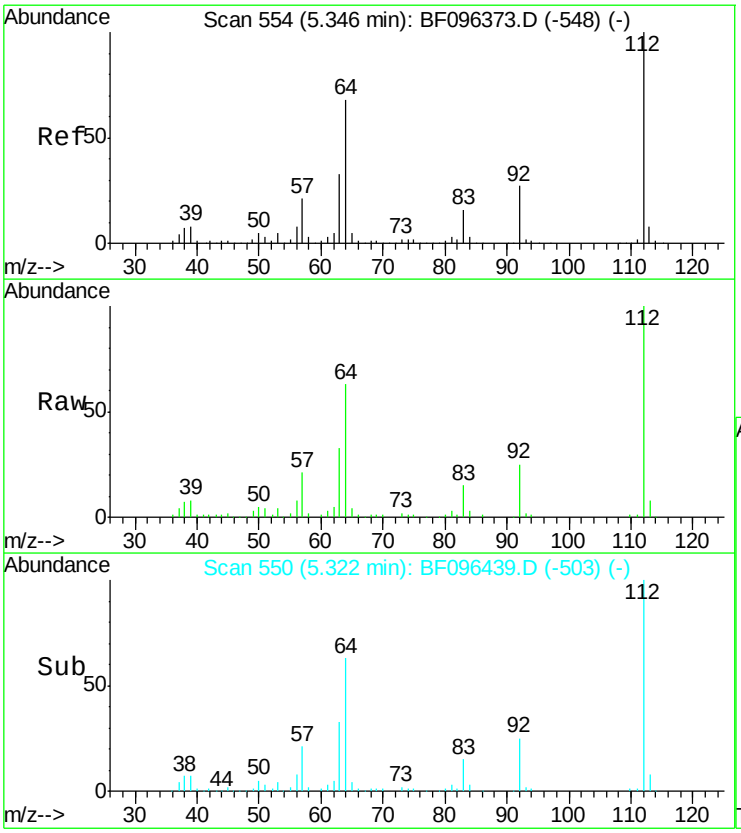
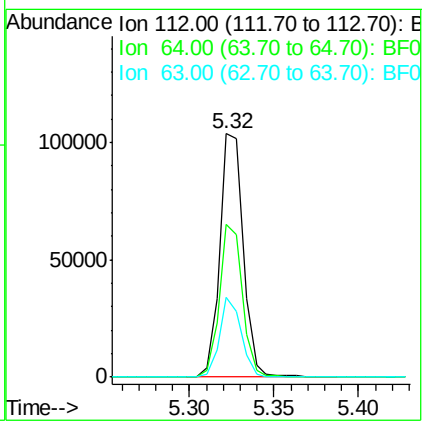
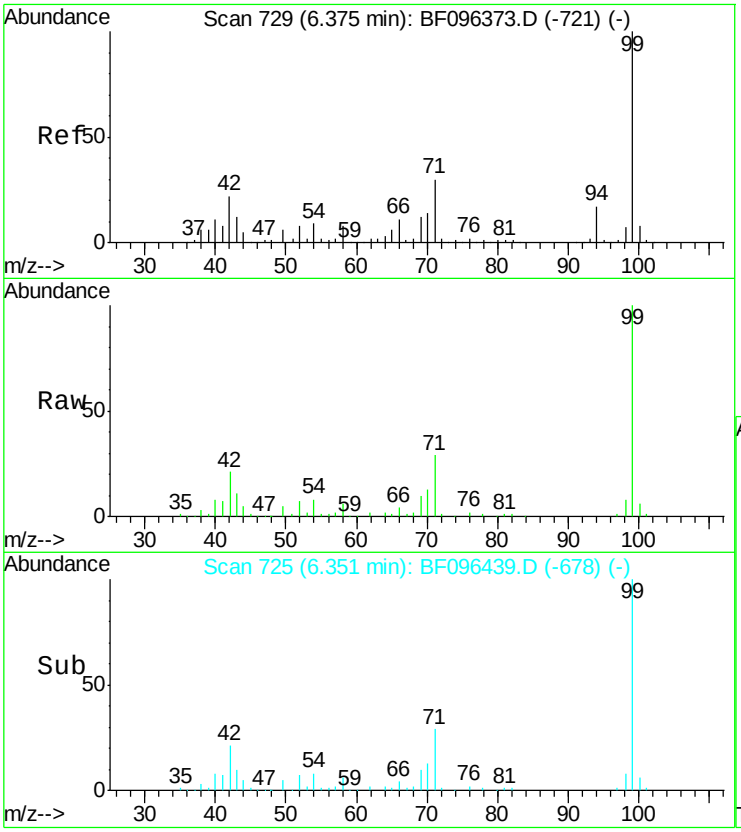


#5
2-Fluorophenol
Concen: 8.755 ng
RT: 5.32 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:112 Resp: 100700

Ion	Ratio	Lower	Upper
112	100		
64	62.7	46.0	69.0
63	32.9	23.4	35.0

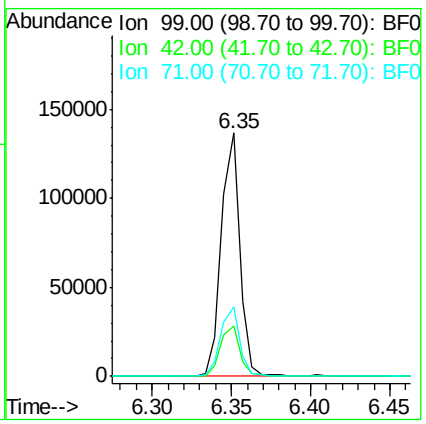




#7
Phenol-d6
Concen: 7.859 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion: 99 Resp: 111129

Ion	Ratio	Lower	Upper
99	100		
42	20.9	13.5	20.3#
71	28.5	24.5	36.7



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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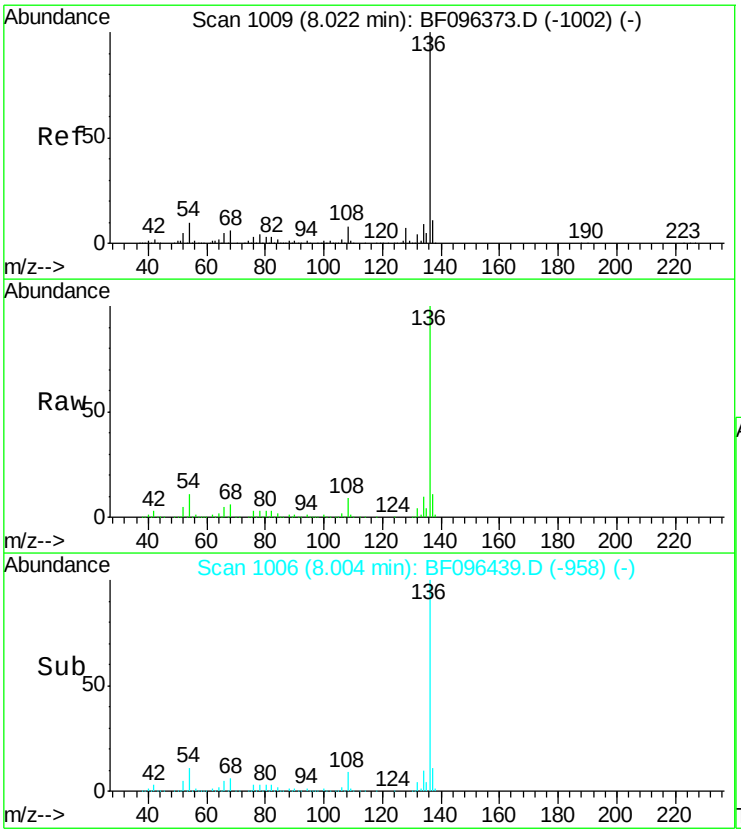
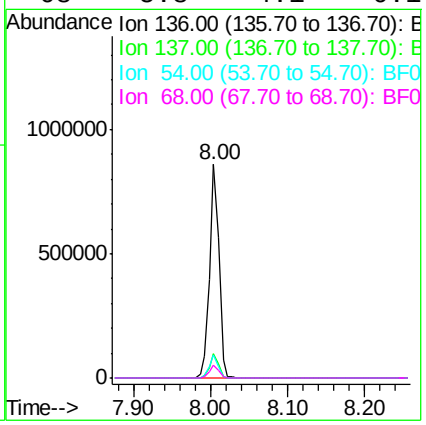
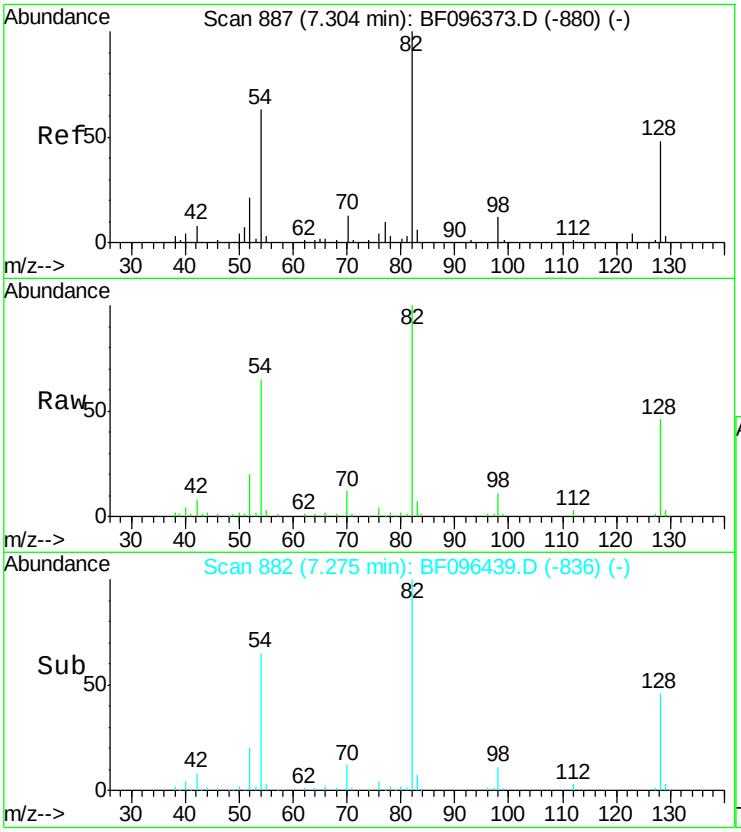


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:136 Resp: 715960

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.9	4.9	7.3#
68	5.8	4.1	6.1

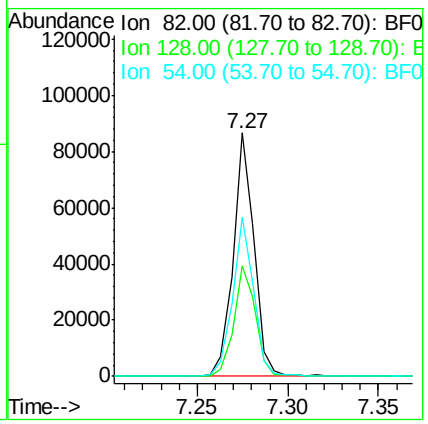




#23
Nitrobenzene-d5
Concen: 5.808 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.03 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion: 82 Resp: 69201

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	65.1	42.2	63.2#



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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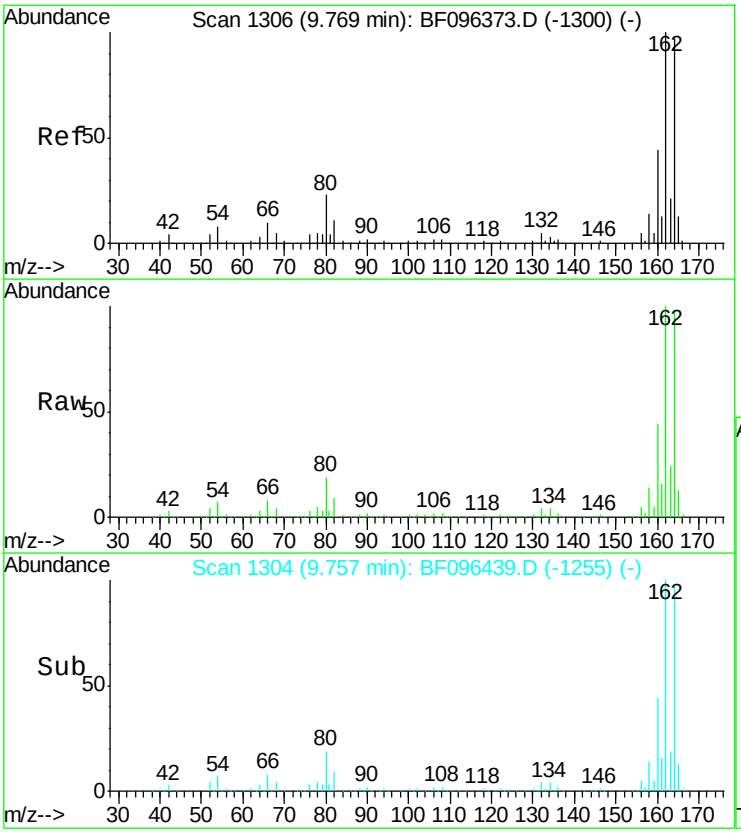
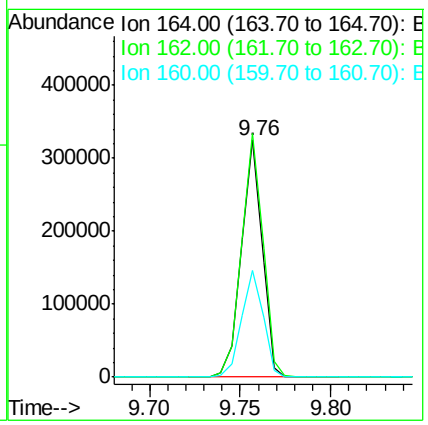
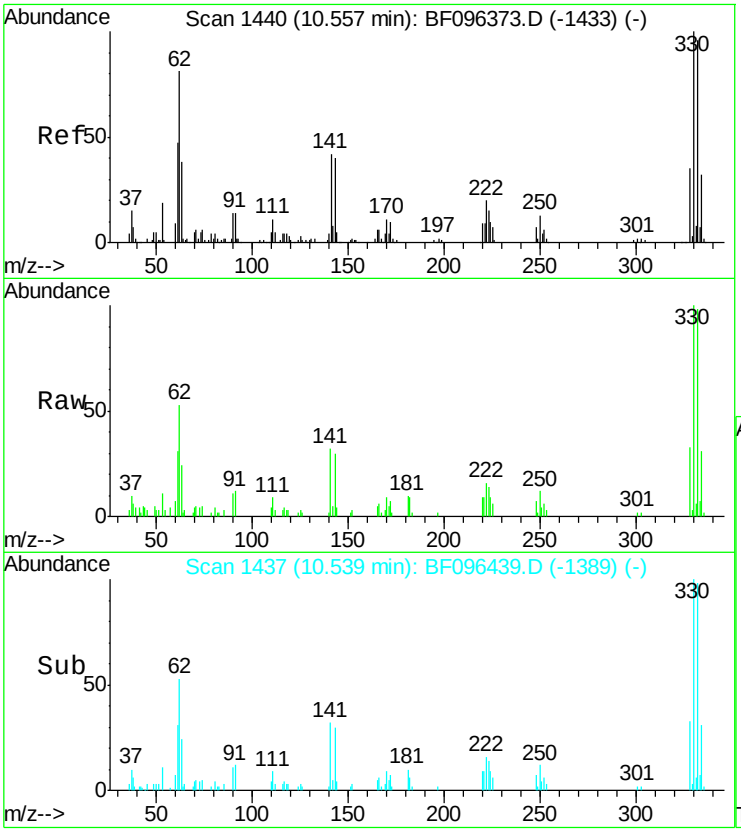


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:164 Resp: 260218

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.3	36.2	54.2

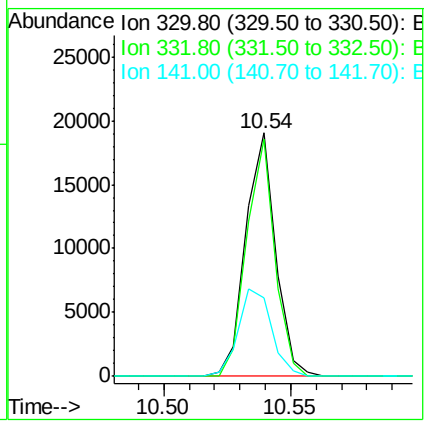




#41
2,4,6-Tribromophenol
Concen: 7.726 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:330 Resp: 15705

Ion	Ratio	Lower	Upper
330	100		
332	91.4	76.6	115.0
141	40.0	31.4	47.2



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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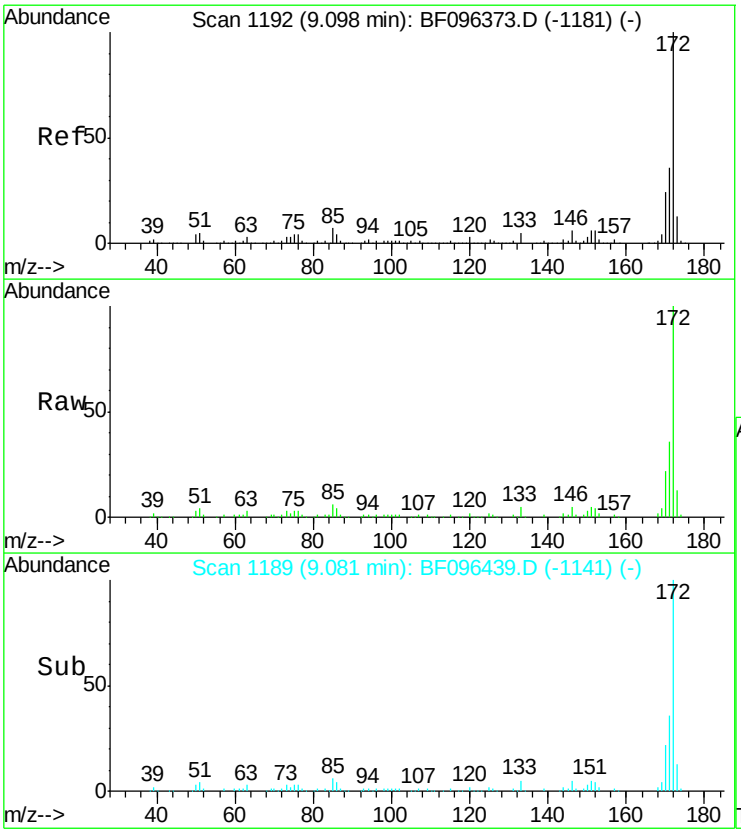
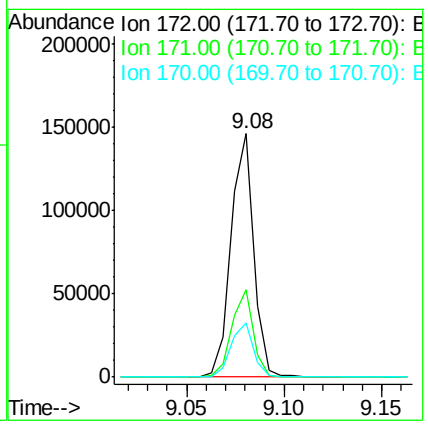
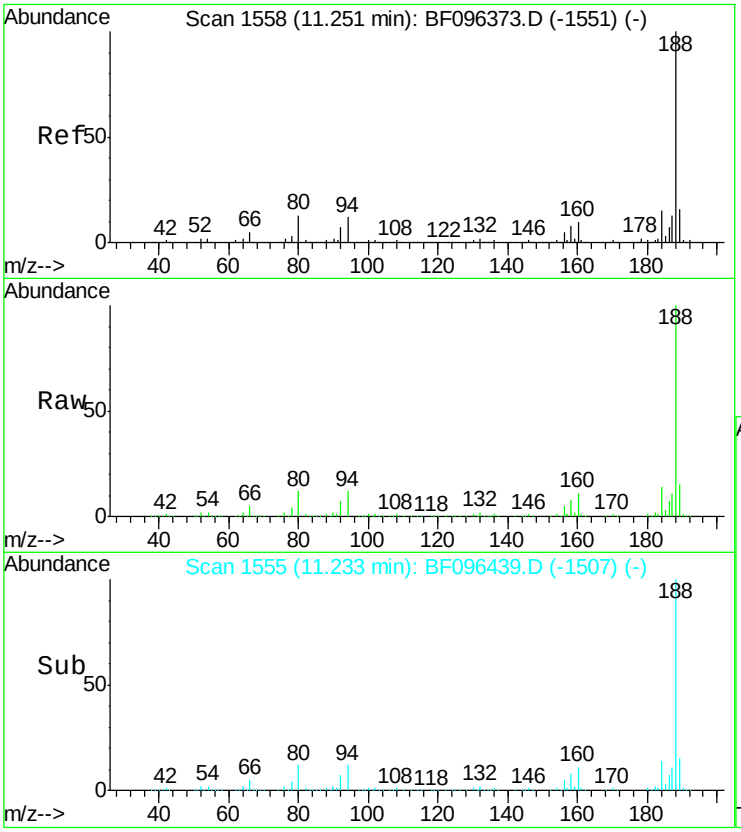


#44
2-Fluorobiphenyl
Concen: 7.744 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:172 Resp: 117865

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	22.4	19.8	29.8

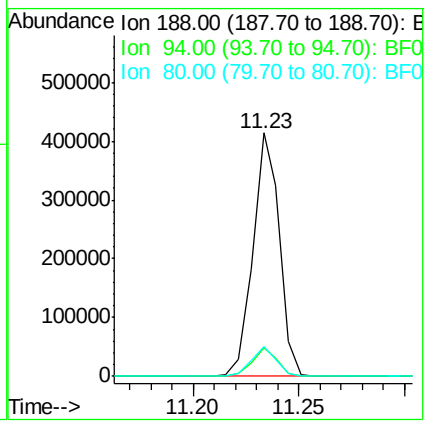




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:188 Resp: 359825

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.3	10.2	15.2



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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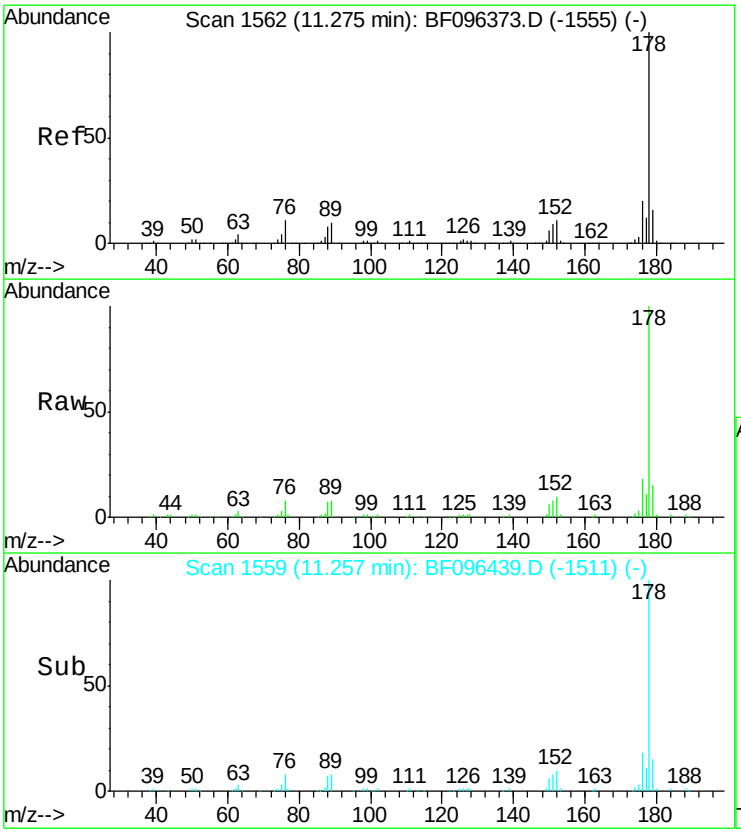
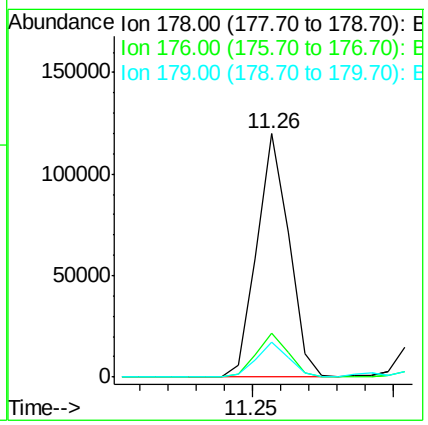
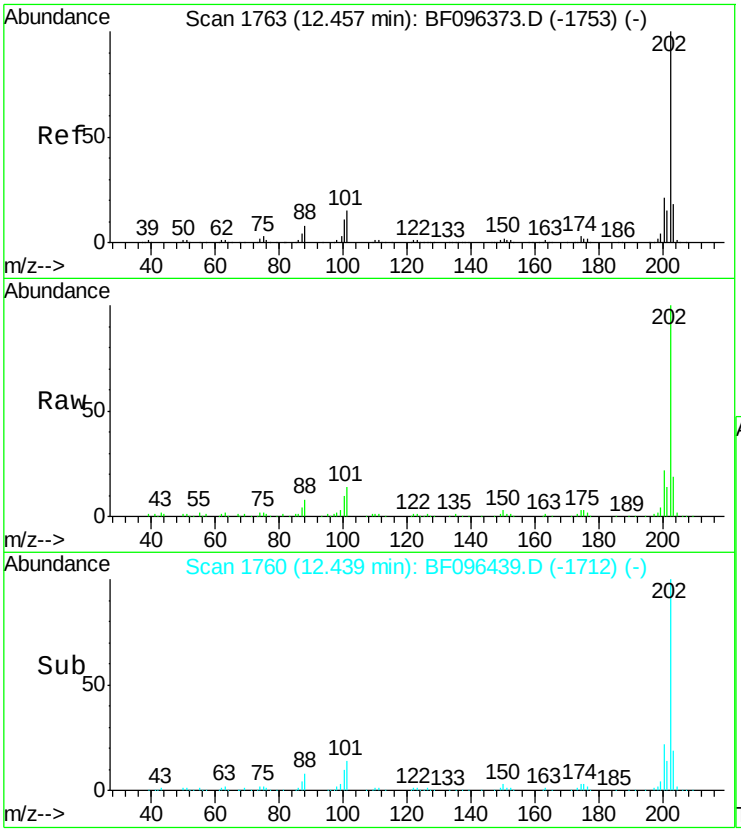


#70
Phenanthrene
Concen: 4.888 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:178 Resp: 95075

Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.5	12.6	19.0

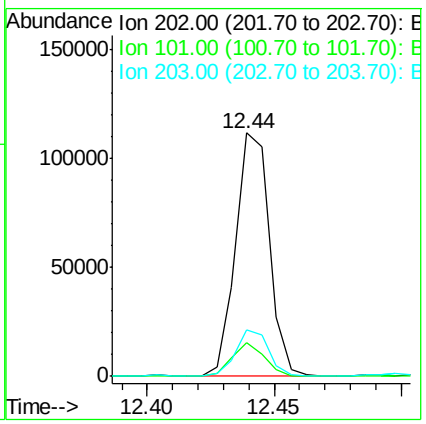




#74
Fluoranthene
Concen: 5.454 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:202 Resp: 104019

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.9	0.0	38.1



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

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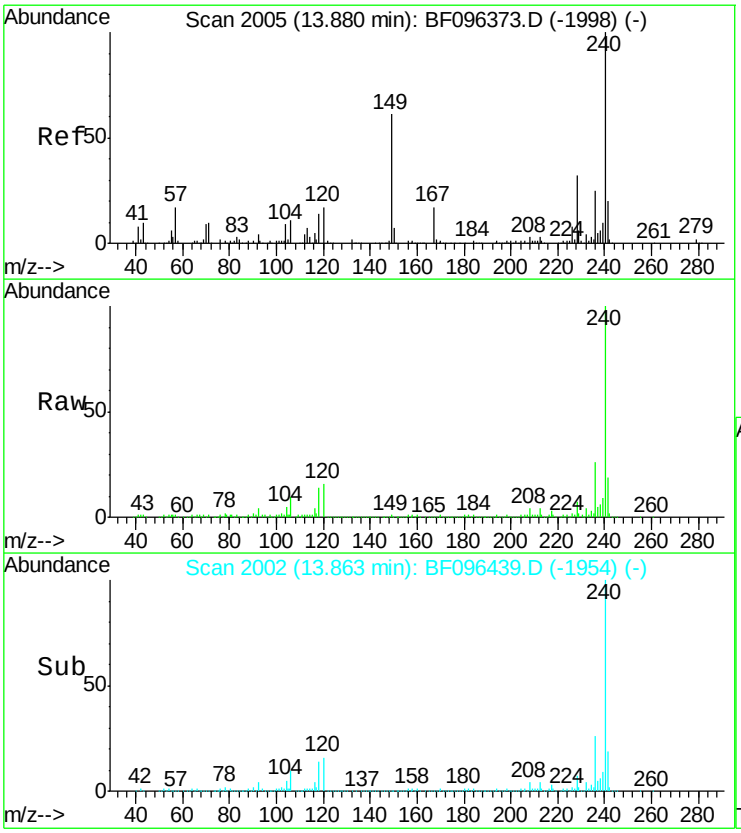
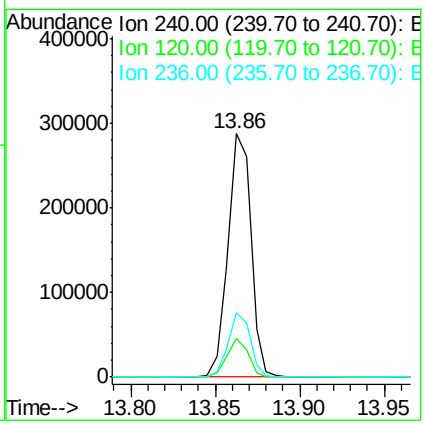
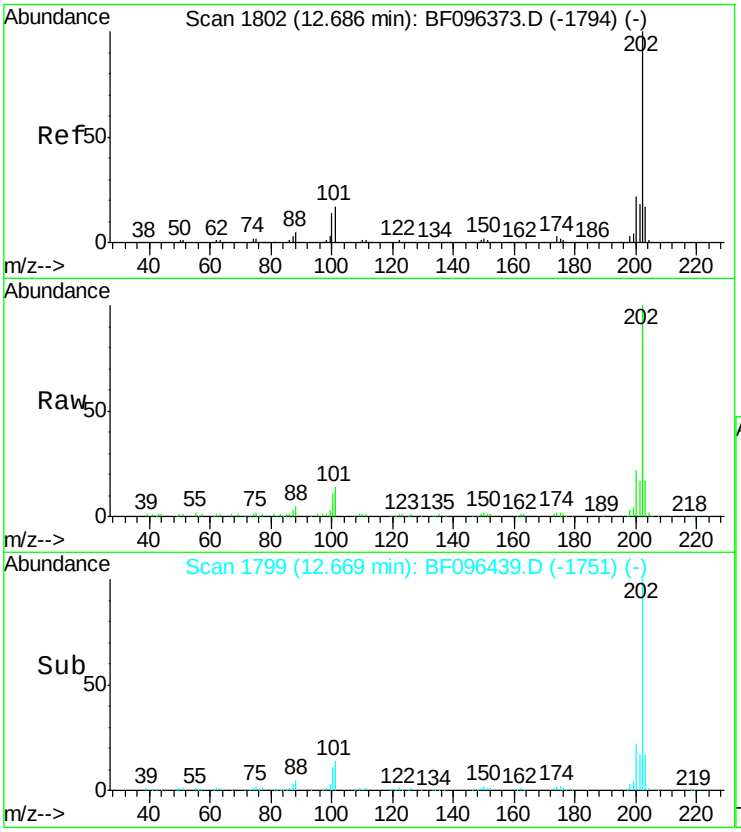


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:240 Resp: 272178

Ion	Ratio	Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	26.3	20.5	30.7

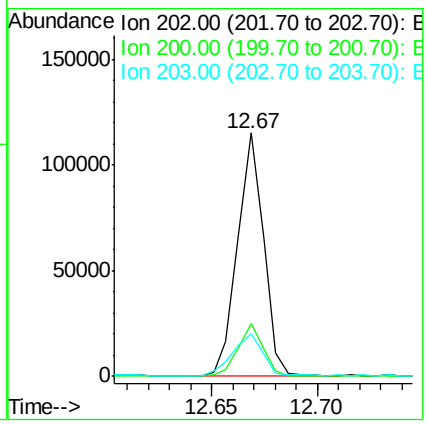




#77
Pyrene
Concen: 4.530 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:202 Resp: 98965

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.3	14.4	21.6



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

Manual Integrations APPROVED
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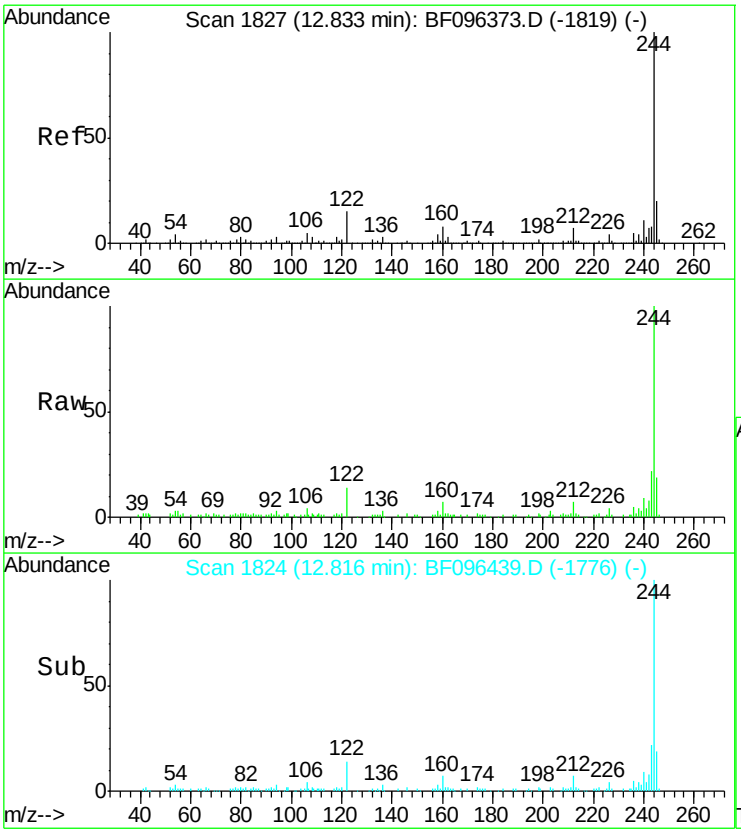
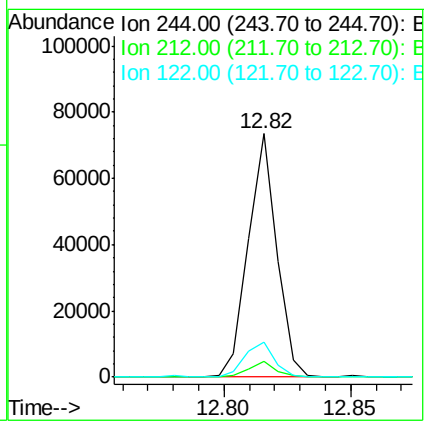
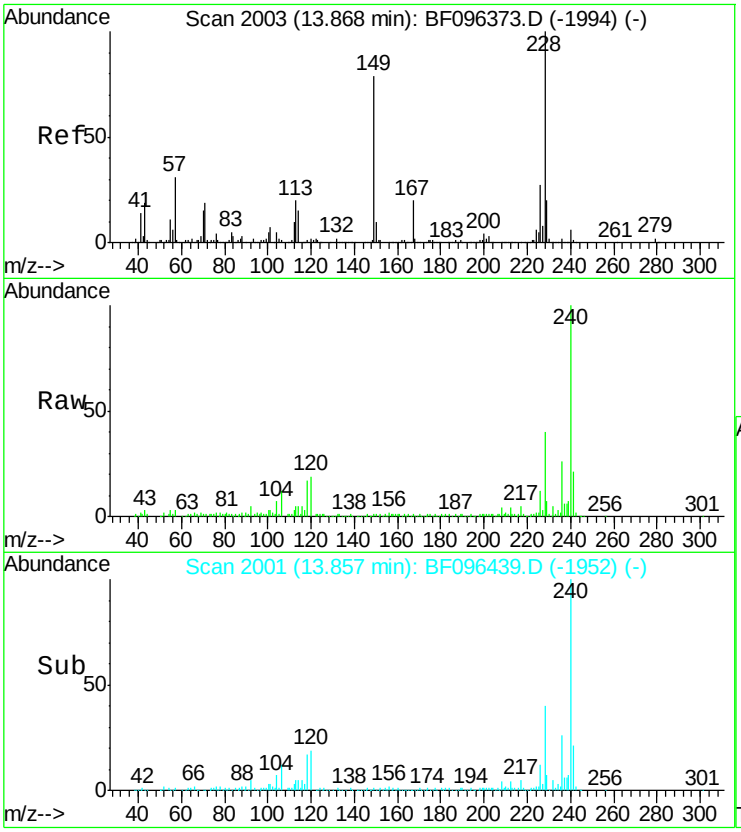


#78
Terphenyl-d14
Concen: 4.539 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:244 Resp: 57810

Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	14.4	10.3	15.5

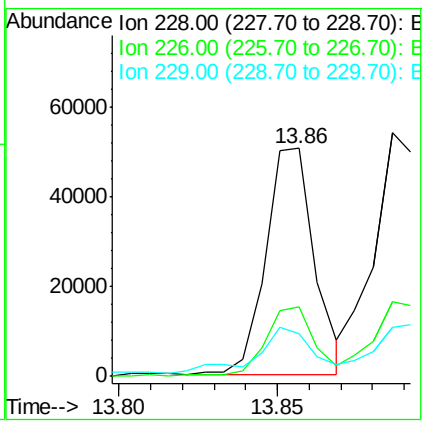




#80
Benzo(a)anthracene
Concen: 3.426 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:228 Resp: 54006

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	33.8
229	18.5	16.3	24.5



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

Manual Integrations APPROVED
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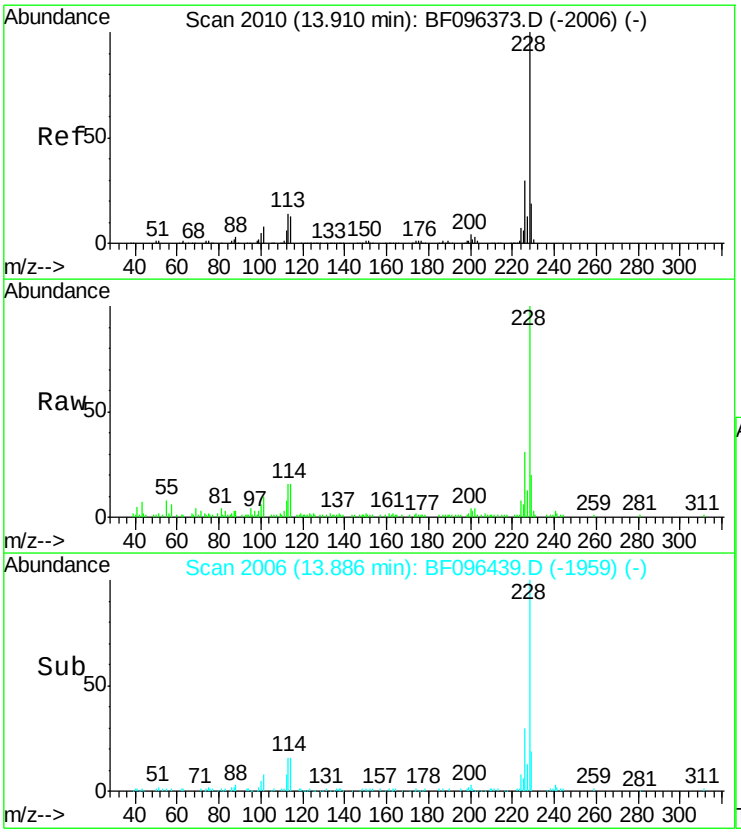
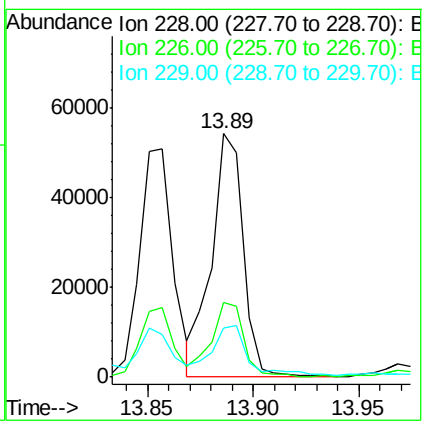
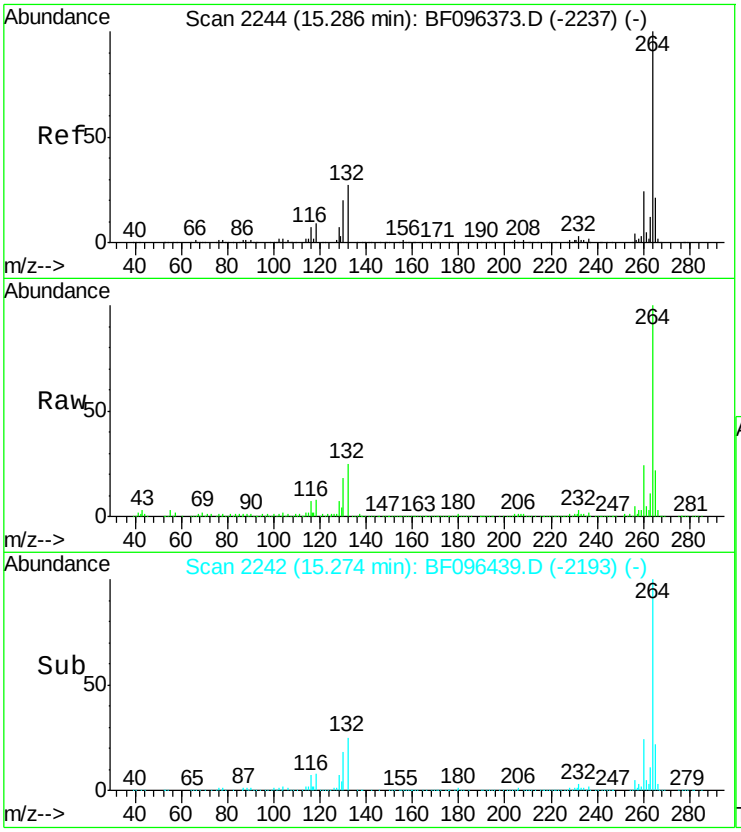


#82
Chrysene
Concen: 3.440 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:228 Resp: 56776

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	20.3	15.8	23.6





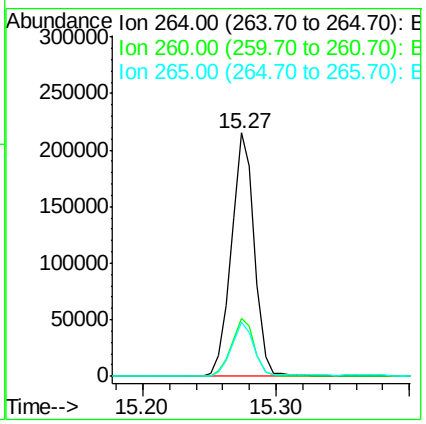
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

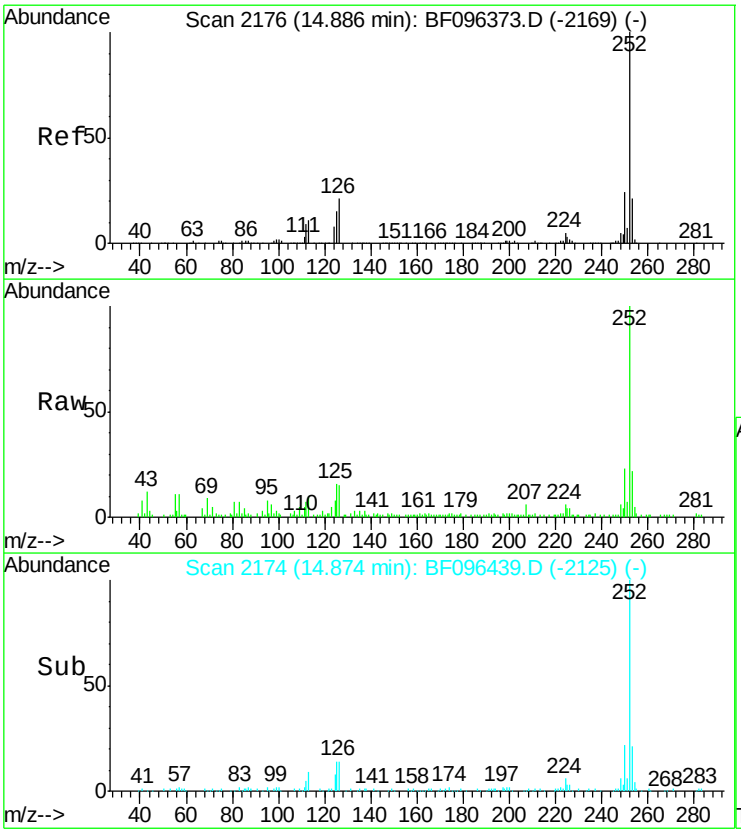
Tgt Ion:264 Resp: 259650

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.2	25.8

Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:13 AM

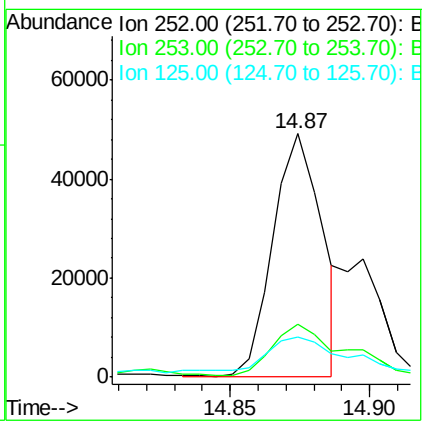


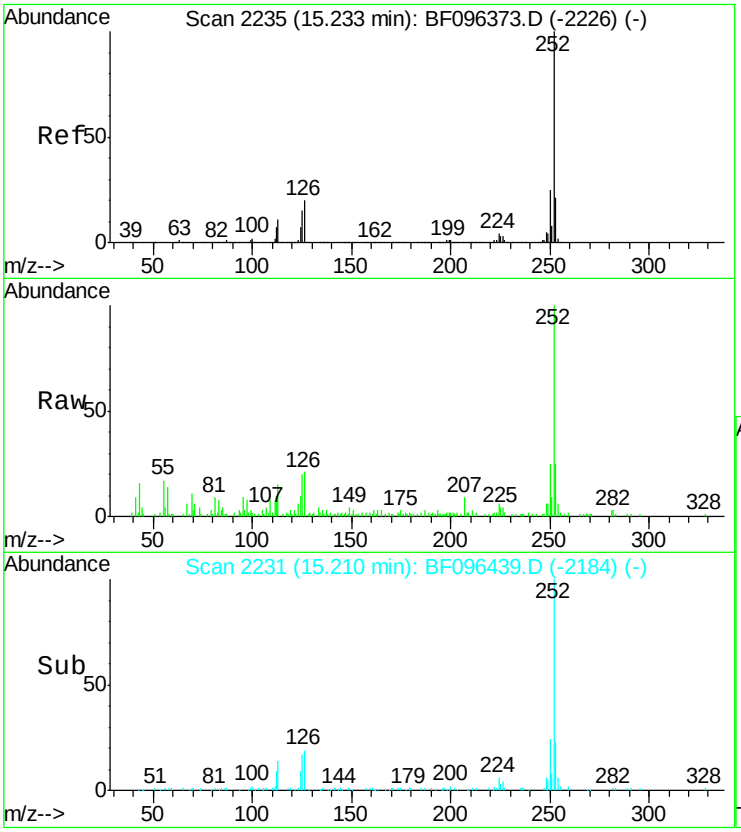


#87
Benzo(b)fluoranthene
Concen: 3.684 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:252 Resp: 59932

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	16.2	9.8	14.8#

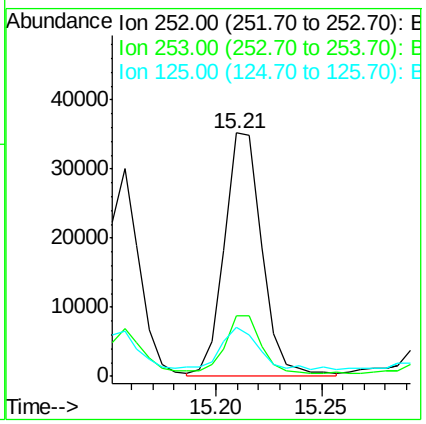




#89
Benzo(a)pyrene
Concen: 3.004 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.02 min
Lab File: BF096439.D
Acq: 3 Jul 2017 14:19

Tgt Ion:252 Resp: 43641

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	20.1	11.0	16.4#



Instrument :
BNA_F
ClientSampleId :
G-58-1.5-3RE

Manual Integrations APPROVED
mohammad
7/5/2017 11:41:13 AM