Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061615\
Data File : BF080014.D
Acq On : 17 Jun 2015 5:29
Operator : TP/IZ
Sample : G2651-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Manual Integrations APPROVED
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Quant Time: Jun 17 06:59:24 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 15:44:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	51810	20.00	ng		0.00
21) Naphthalene-d8	8.64	136	207937	20.00	ng		0.00
38) Acenaphthene-d10	10.41	164	106800	20.00	ng		0.00
63) Phenanthrene-d10	11.92	188	216526	20.00	ng		0.00
75) Chrysene-d12	14.93	240	247218	20.00	ng		0.02
86) Perylene-d12	16.85	264	246005	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.97	112	283079	100.19	ng		0.01
7) Phenol-d6	6.95	99	399064	103.67	ng		0.00
23) Nitrobenzene-d5	7.91	82	216683	68.75	ng		0.00
41) 2,4,6-Tribromophenol	11.21	330	98799	92.72	ng		0.00
44) 2-Fluorobiphenyl	9.72	172	462261	60.61	ng		0.00
78) Terphenyl-d14	13.64	244	583037	54.37	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	10.10	163	45013	5.26	ng		98
74) Fluoranthene	13.23	202	66427	4.66	ng		96
77) Pyrene	13.48	202	61445	3.96	ng		98
80) Benzo(a)anthracene	14.92	228	38945	2.48	ng		93
82) Chrysene	14.96	228	49235	2.39	ng		97
85) Indeno(1,2,3-cd)pyrene	18.72	276	39302	2.39	ng	#	94
87) Benzo(b)fluoranthene	16.29	252	68834m	4.57	ng		
89) Benzo(a)pyrene	16.76	252	44605	3.11	ng	#	94
91) Benzo(g,h,i)perylene	19.28	276	45167	3.10	ng		96

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument :
BNA_F
ClientSampleId :
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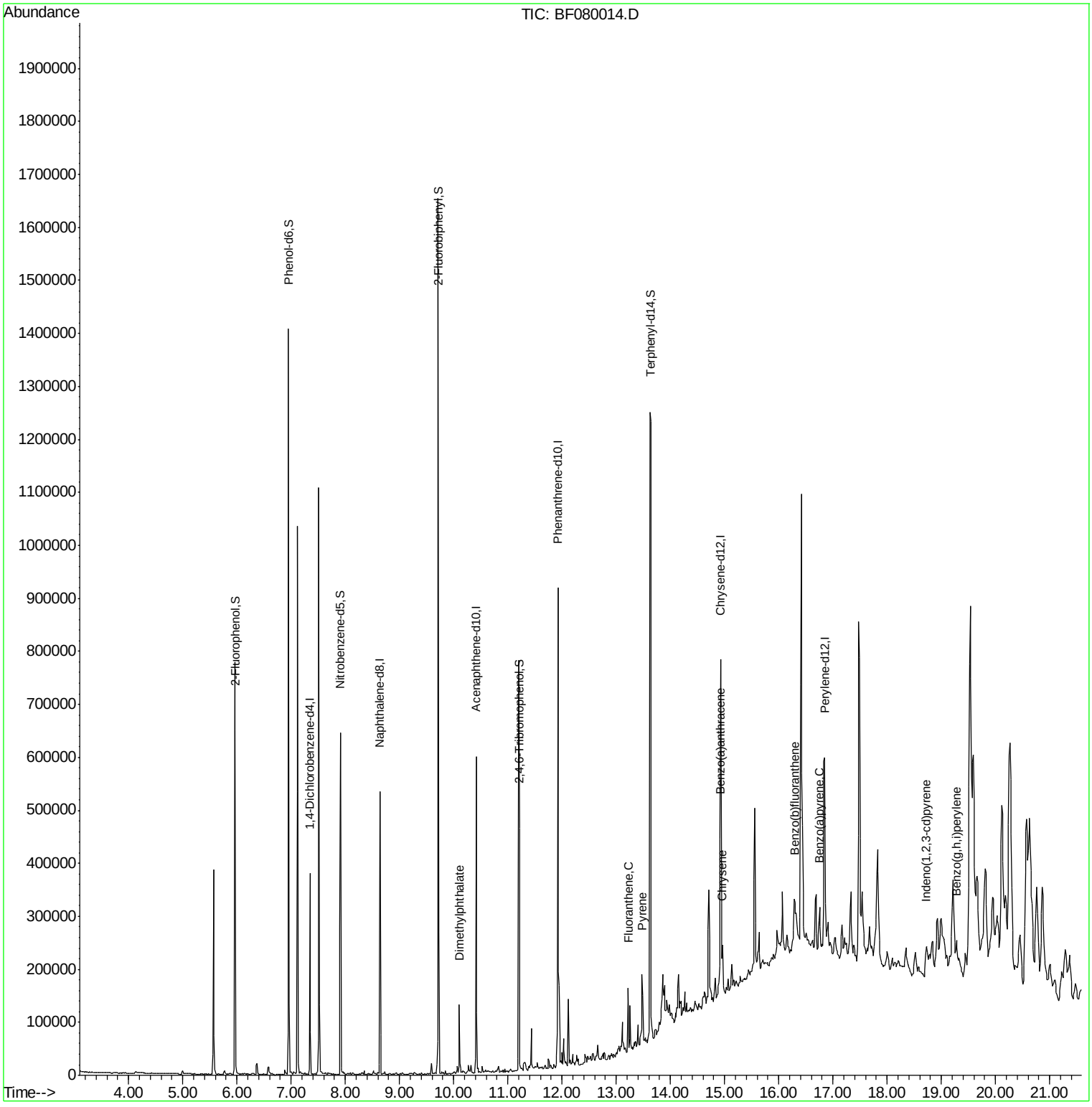
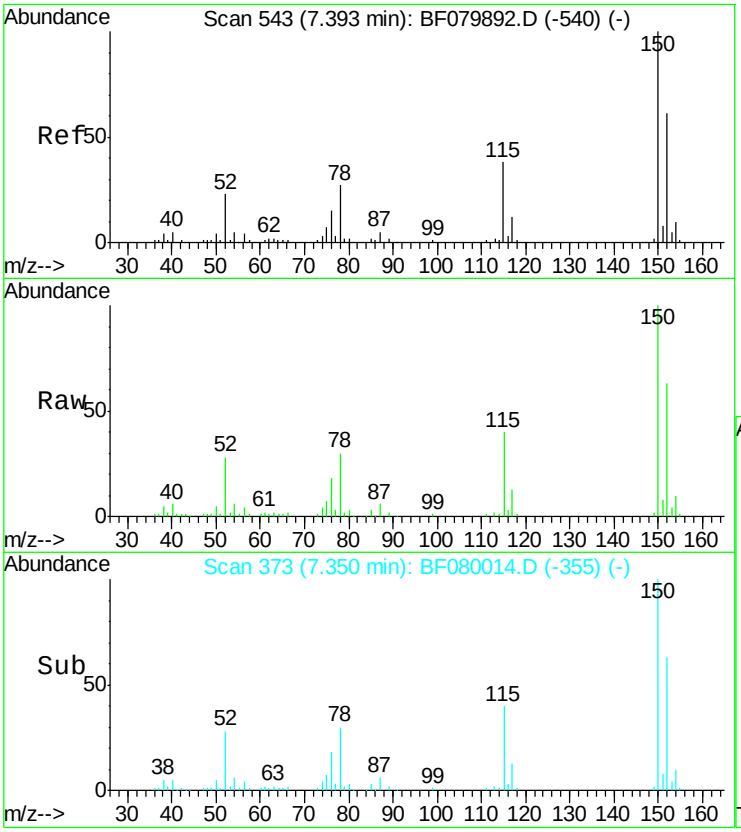
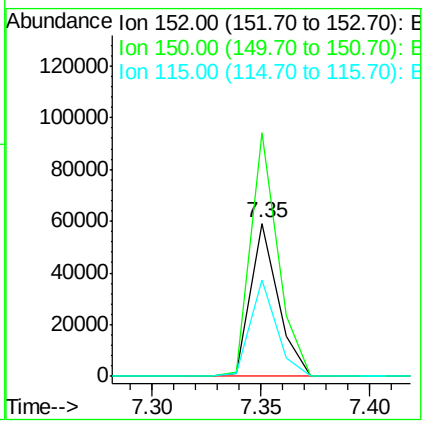




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 373
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:152 Resp: 51810

Ion	Ratio	Lower	Upper
152	100		
150	159.4	131.0	196.4
115	63.0	49.8	74.6



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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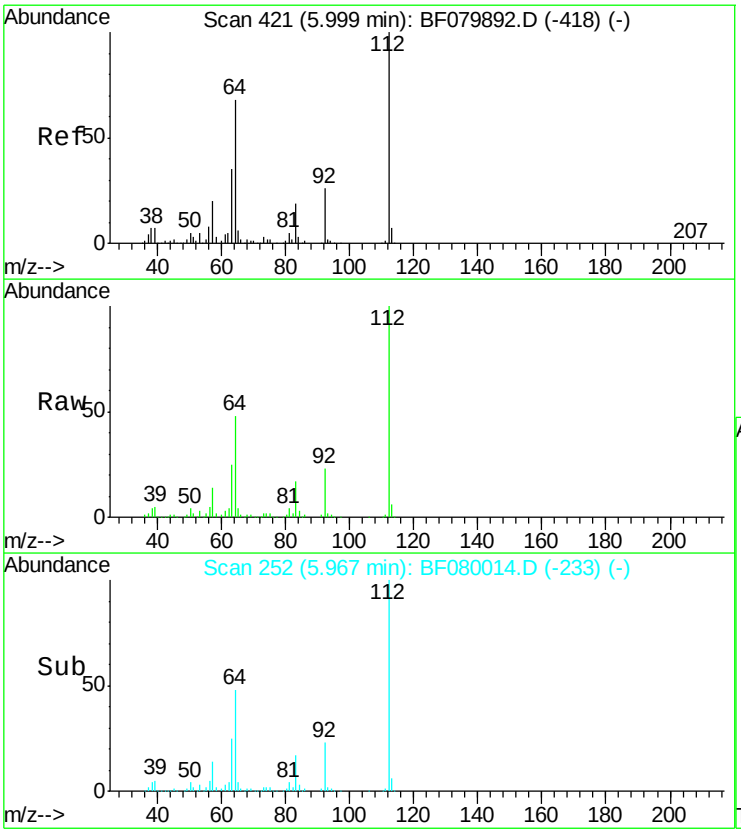
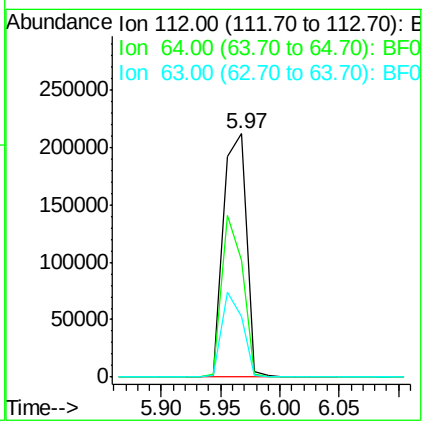
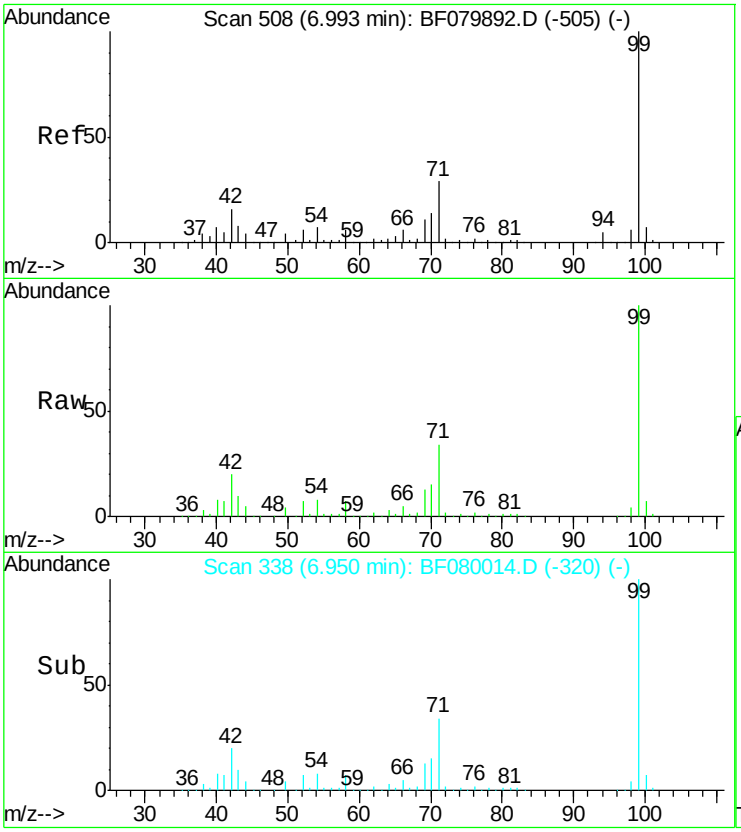


#5
2-Fluorophenol
Concen: 100.19 ng
RT: 5.97 min Scan# 252
Delta R.T. 0.01 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:112 Resp: 283079

Ion	Ratio	Lower	Upper
112	100		
64	48.1	54.5	81.7#
63	24.8	27.9	41.9#

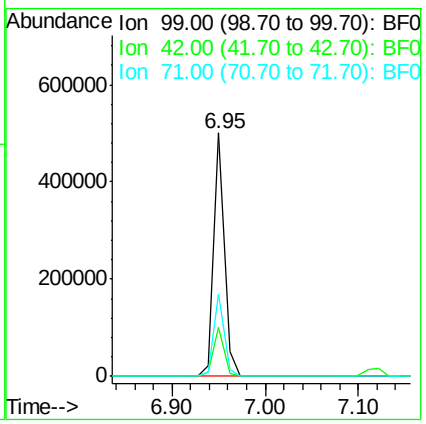




#7
Phenol-d6
Concen: 103.67 ng
RT: 6.95 min Scan# 338
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion: 99 Resp: 399064

Ion	Ratio	Lower	Upper
99	100		
42	20.2	12.9	19.3#
71	33.8	23.4	35.2



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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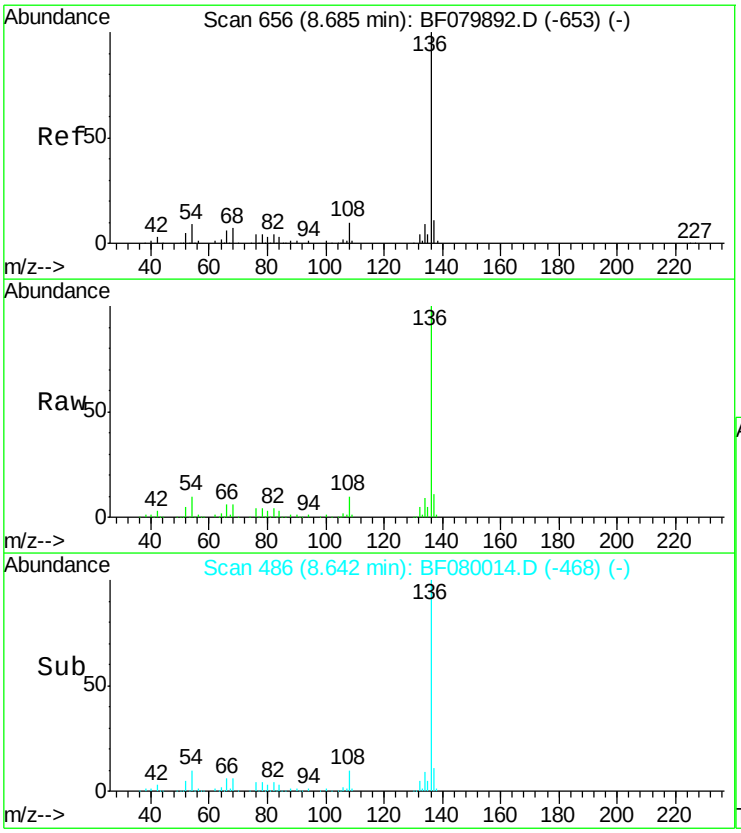
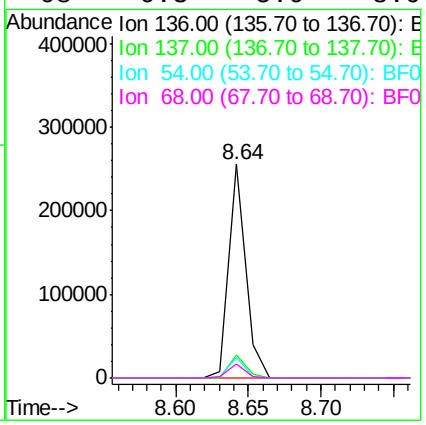
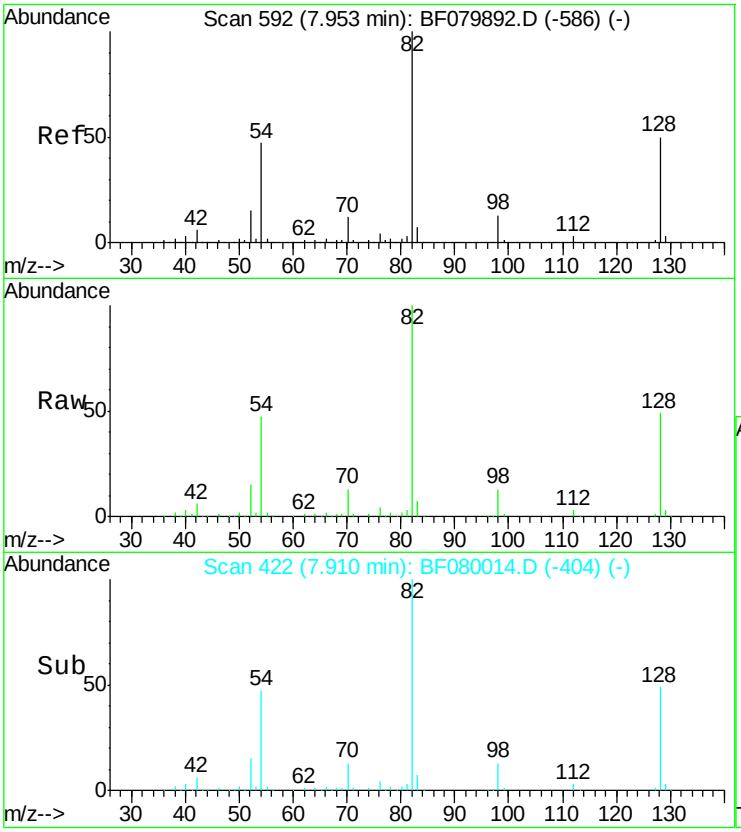


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:136 Resp: 207937

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.5	7.3	10.9
68	6.3	5.9	8.9

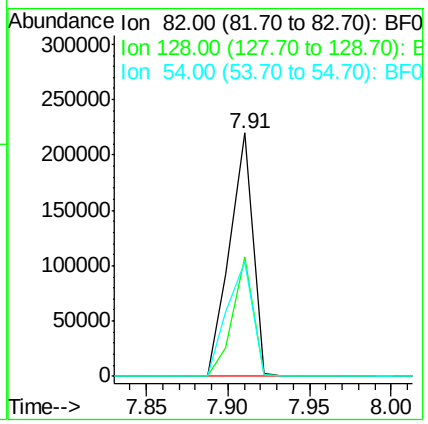




#23
Nitrobenzene-d5
Concen: 68.75 ng
RT: 7.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion: 82 Resp: 216683

Ion	Ratio	Lower	Upper
82	100		
128	49.2	40.3	60.5
54	47.0	38.0	57.0



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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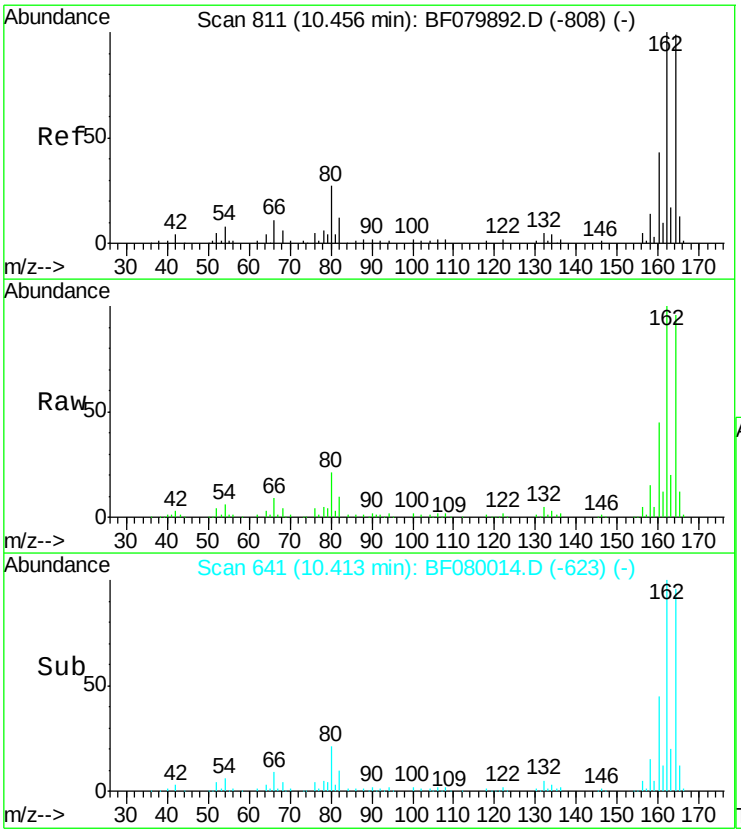
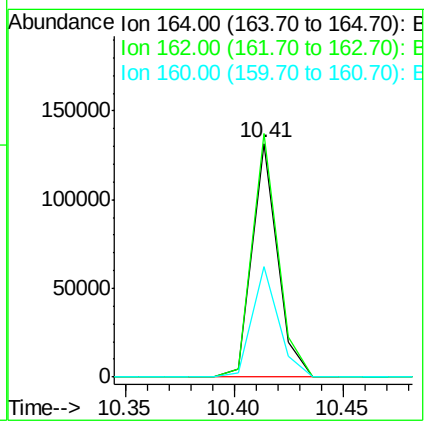
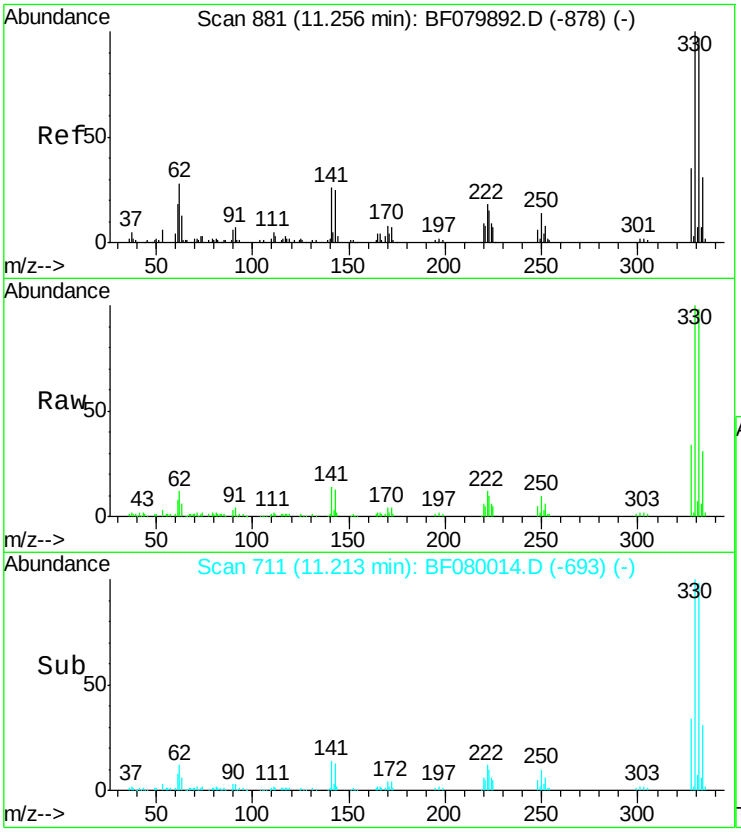


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:164 Resp: 106800

Ion	Ratio	Lower	Upper
164	100		
162	104.2	80.7	121.1
160	47.1	34.6	51.8

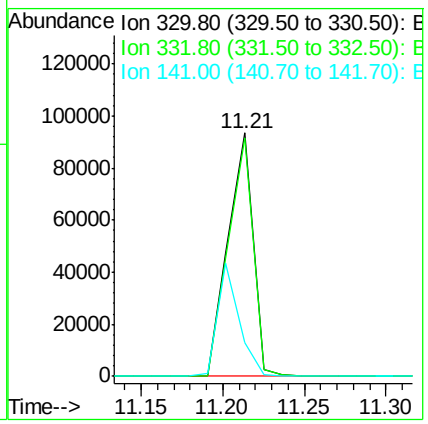




#41
2,4,6-Tribromophenol
Concen: 92.72 ng
RT: 11.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:330 Resp: 98799

Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.3	115.9
141	40.3	26.8	40.2#



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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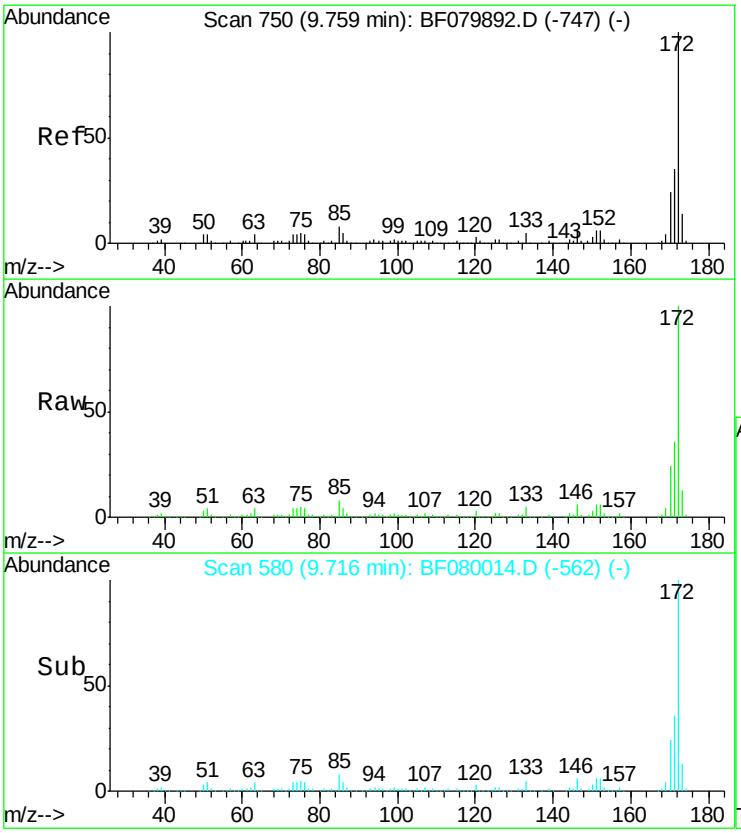
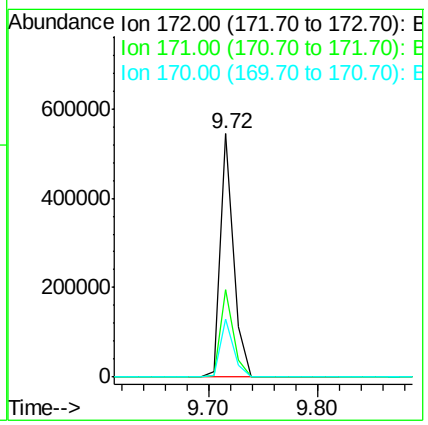
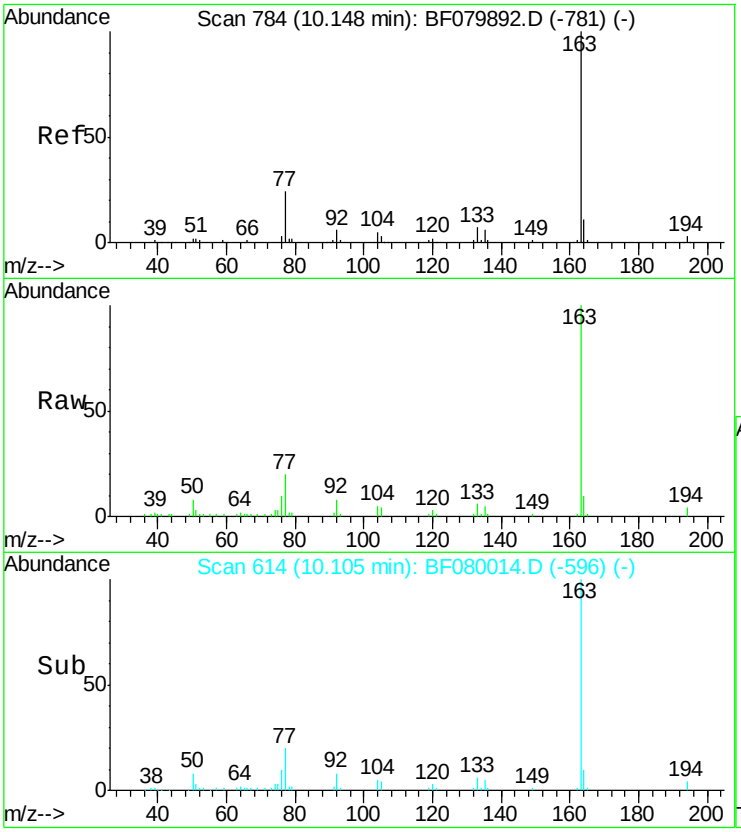


#44
2-Fluorobiphenyl
Concen: 60.61 ng
RT: 9.72 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:172 Resp: 462261

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.7	19.0	28.4

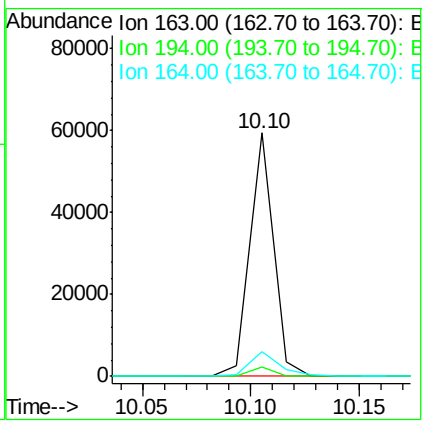




#49
Dimethylphthalate
Concen: 5.26 ng
RT: 10.10 min Scan# 614
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:163 Resp: 45013

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.0	8.6	12.8



Instrument :
BNA_F
ClientSampleId :
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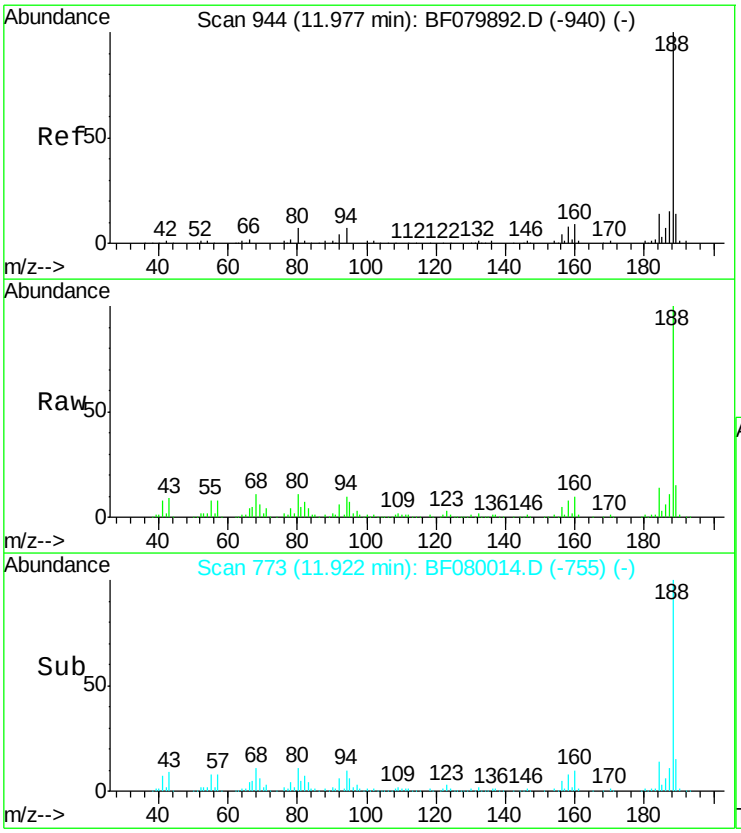
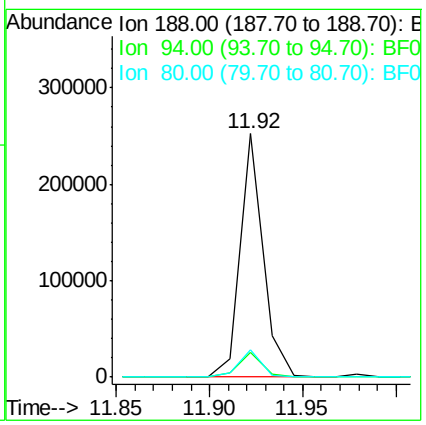
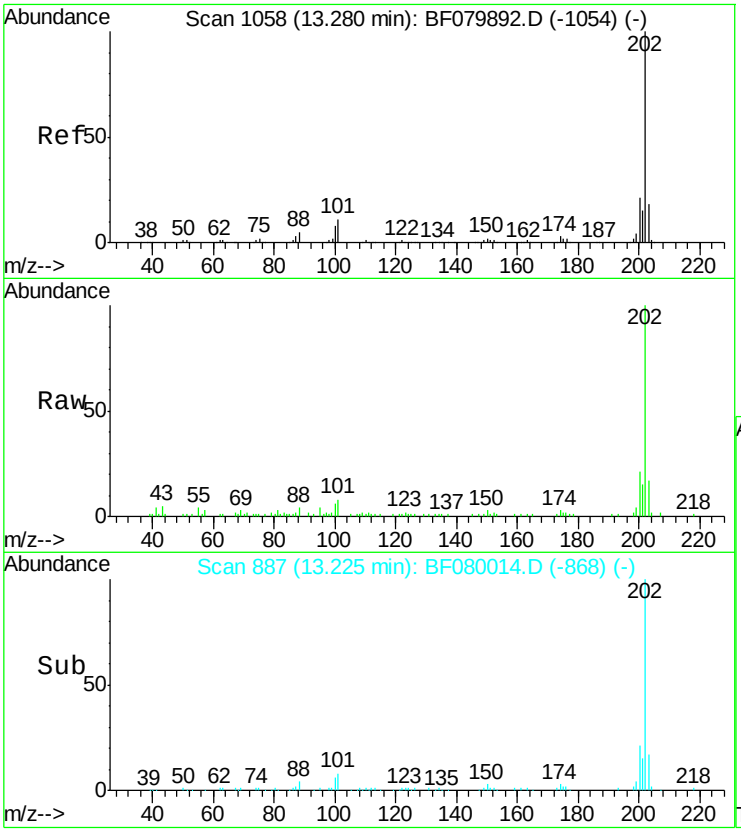


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.92 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:188 Resp: 216526

Ion	Ratio	Lower	Upper
188	100		
94	10.4	5.8	8.8#
80	11.0	5.9	8.9#

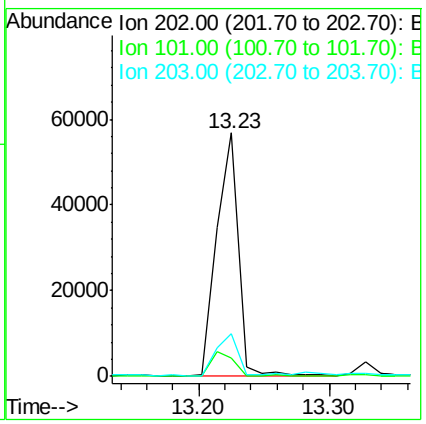




#74
Fluoranthene
Concen: 4.66 ng
RT: 13.23 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:202 Resp: 66427

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	30.7
203	17.5	0.0	38.0



Instrument :
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ClientSampleId :
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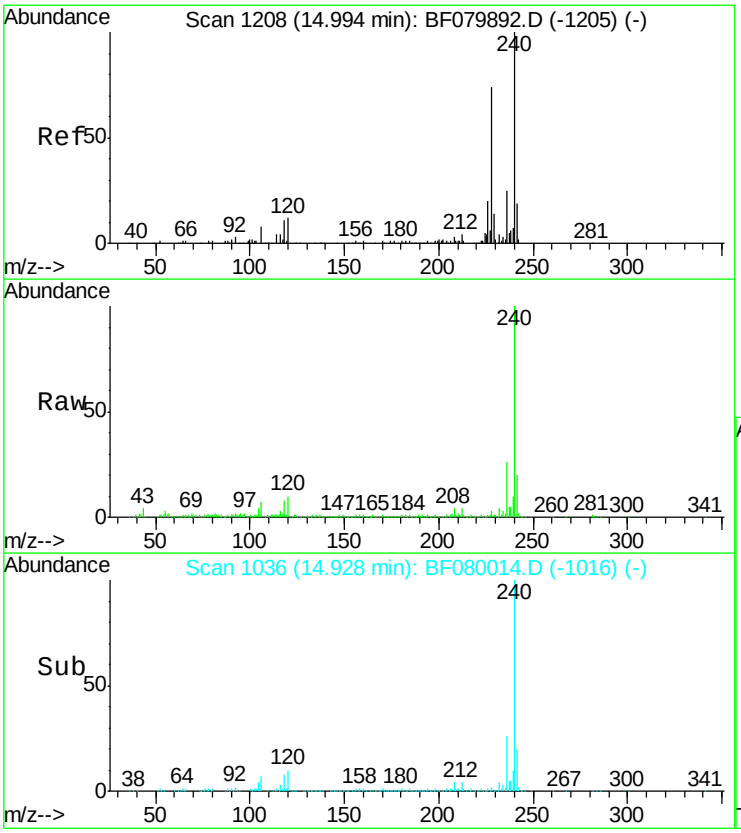
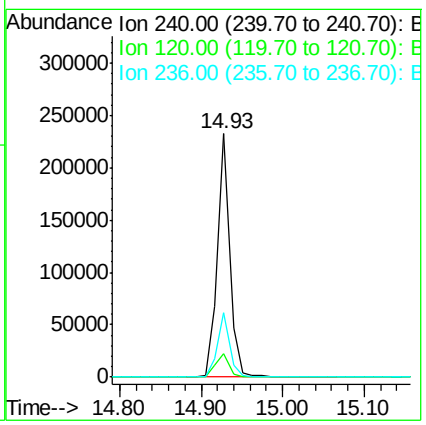
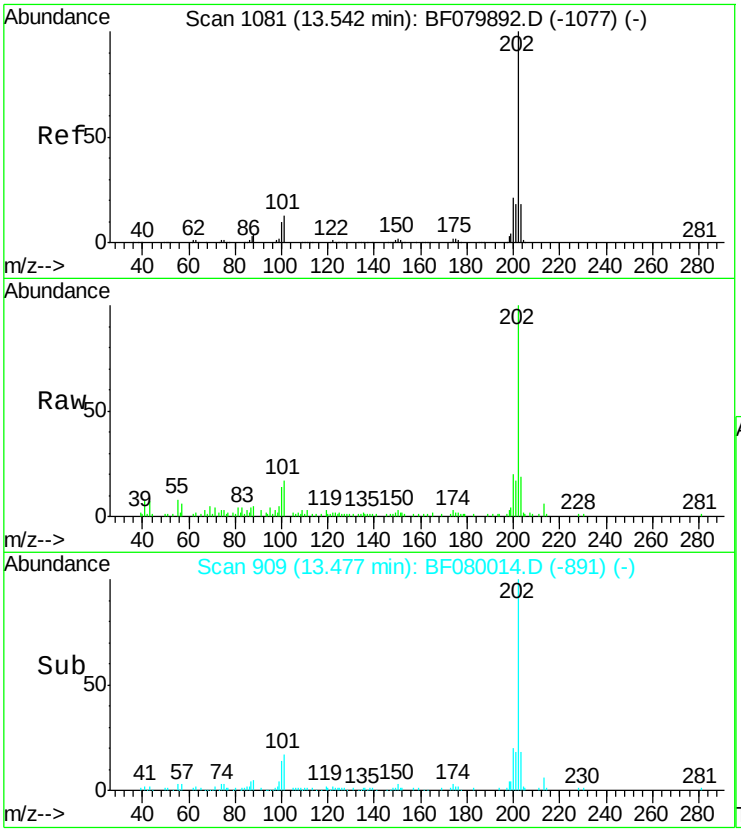


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:240 Resp: 247218

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.4	14.2
236	26.2	19.6	29.4

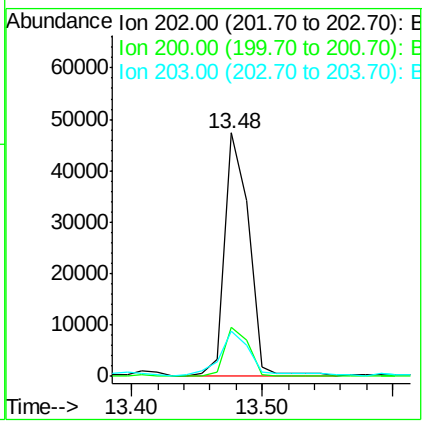




#77
Pyrene
Concen: 3.96 ng
RT: 13.48 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:202 Resp: 61445

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	18.6	14.4	21.6



Instrument :
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ClientSampleId :
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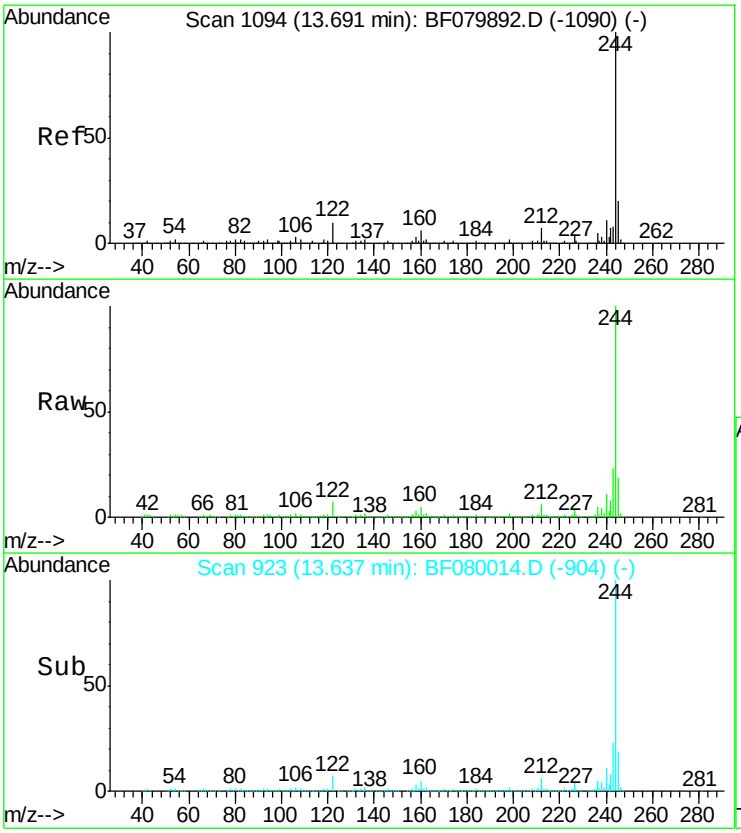
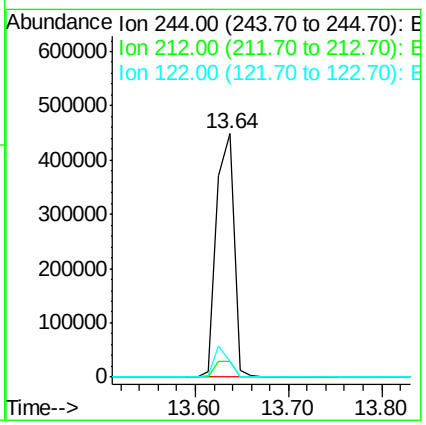
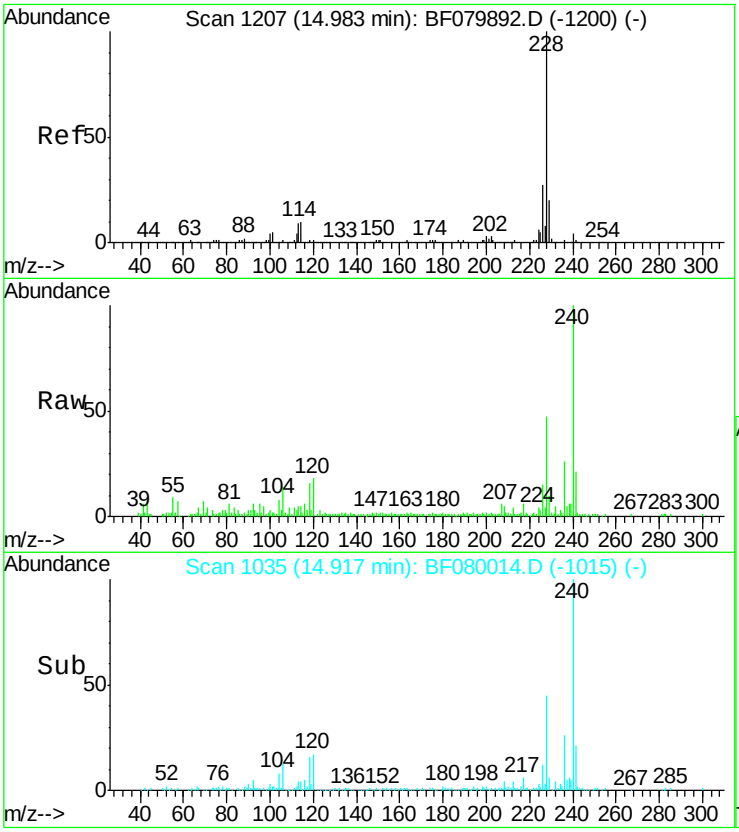


#78
Terphenyl-d14
Concen: 54.37 ng
RT: 13.64 min Scan# 923
Delta R.T. 0.01 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:244 Resp: 583037

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	6.6	7.8	11.8#

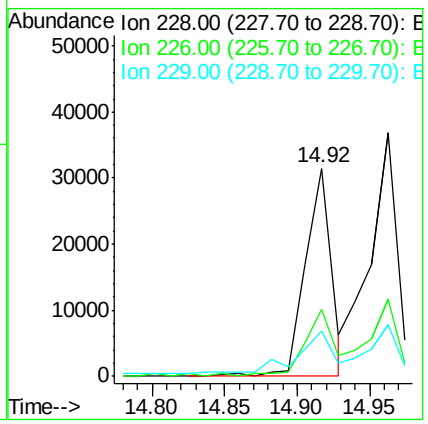




#80
Benzo(a)anthracene
Concen: 2.48 ng
RT: 14.92 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:228 Resp: 38945

Ion	Ratio	Lower	Upper
228	100		
226	32.1	21.8	32.8
229	22.0	15.9	23.9



Instrument :
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ClientSampleId :
NC-TS-001

Manual Integrations APPROVED
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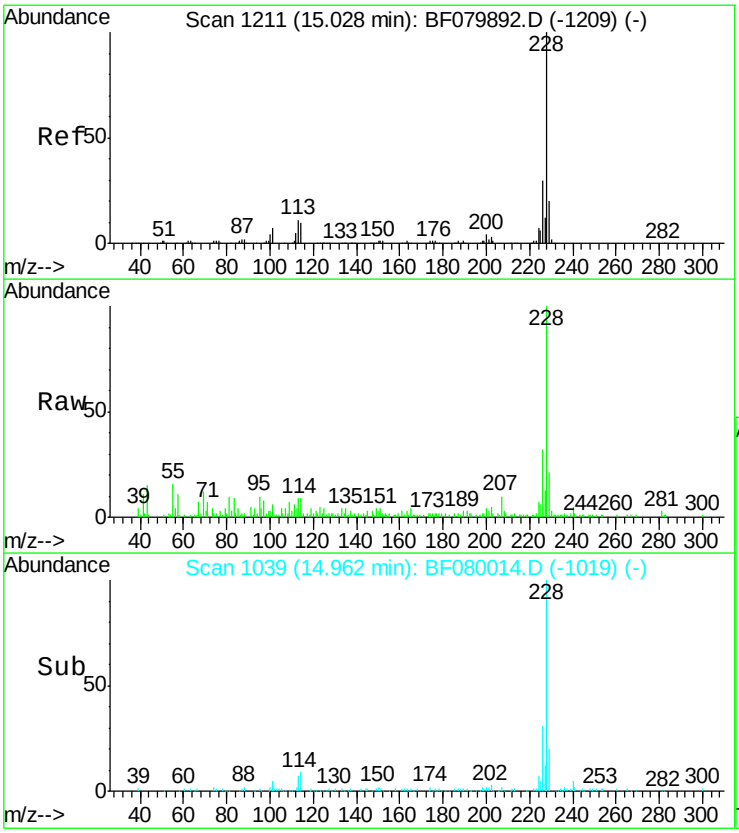
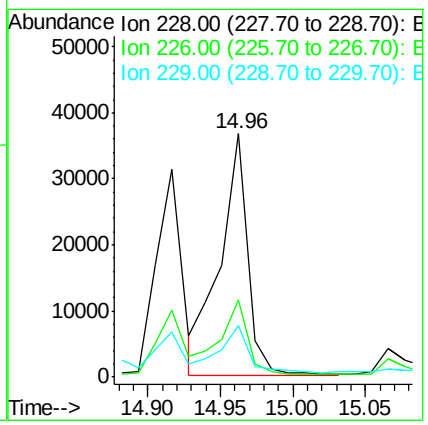
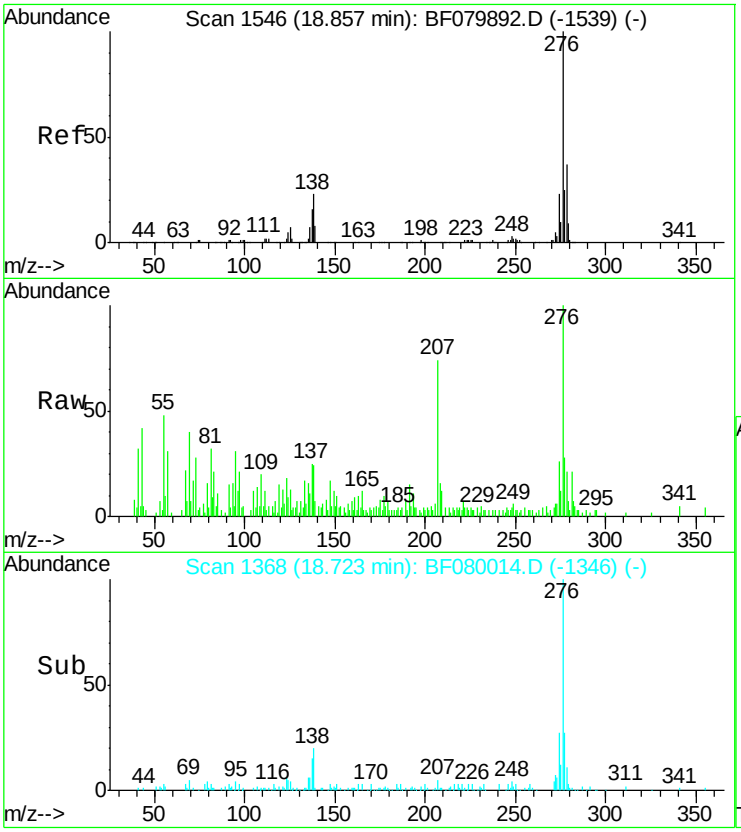


#82
Chrysene
Concen: 2.39 ng
RT: 14.96 min Scan# 1039
Delta R.T. 0.02 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:228 Resp: 49235

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.9	35.9
229	21.4	16.1	24.1





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.39 ng
RT: 18.72 min Scan# 1368
Delta R.T. 0.05 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:276 Resp: 39302

Ion	Ratio	Lower	Upper
276	100		
138	20.5	21.0	31.4#
277	25.3	19.9	29.9

Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Manual Integrations APPROVED
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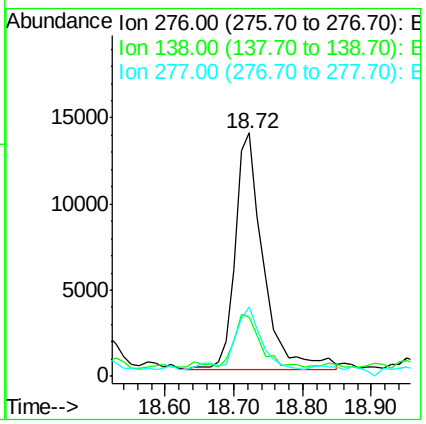
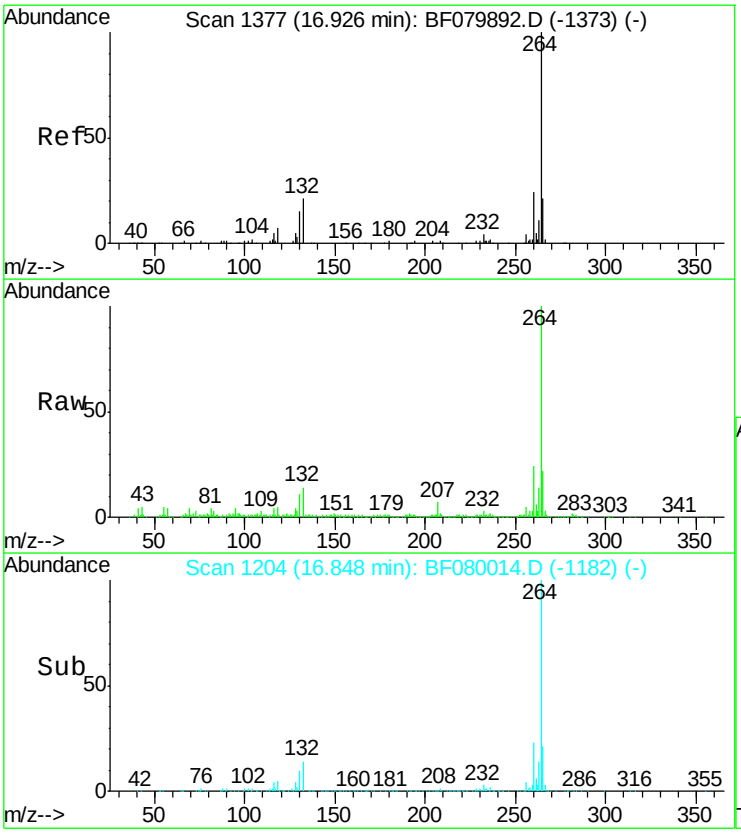
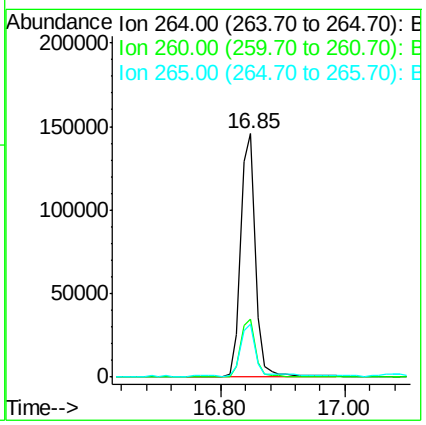


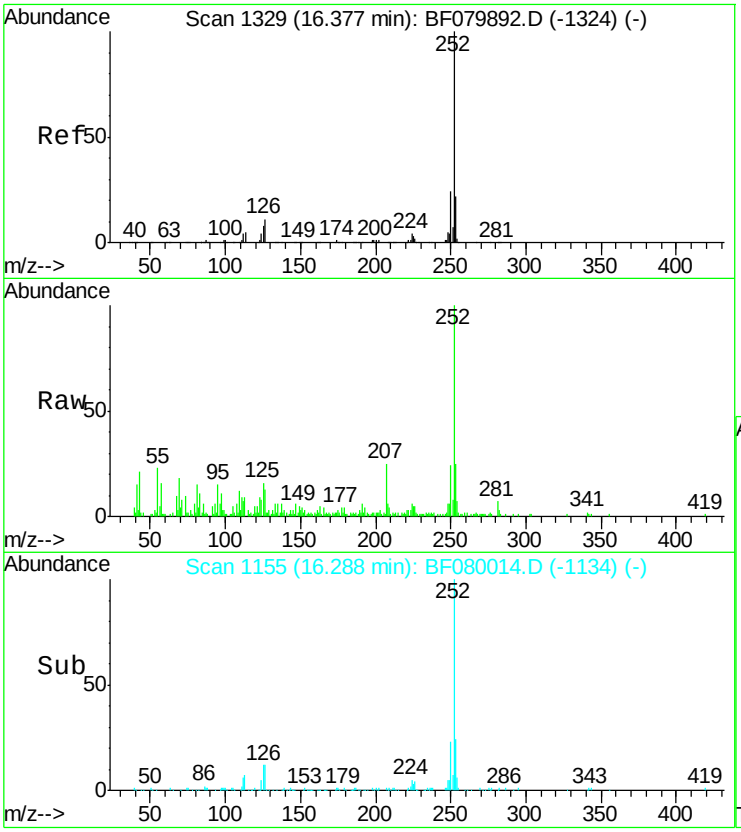


#86
Perylene-d12
Concen: 20.00 ng
RT: 16.85 min Scan# 1204
Delta R.T. 0.05 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:264 Resp: 246005

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.5	17.0	25.6

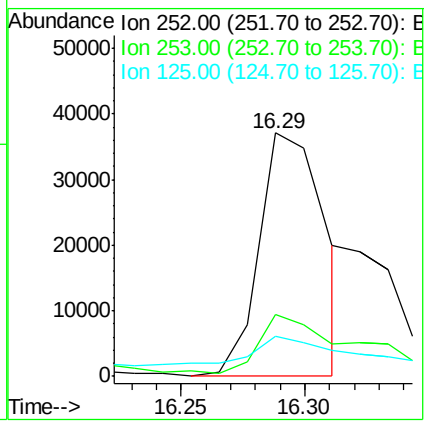




#87
Benzo(b)fluoranthene
Concen: 4.57 ng m
RT: 16.29 min Scan# 1155
Delta R.T. 0.03 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:252 Resp: 68834

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	16.3	6.5	9.7#



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

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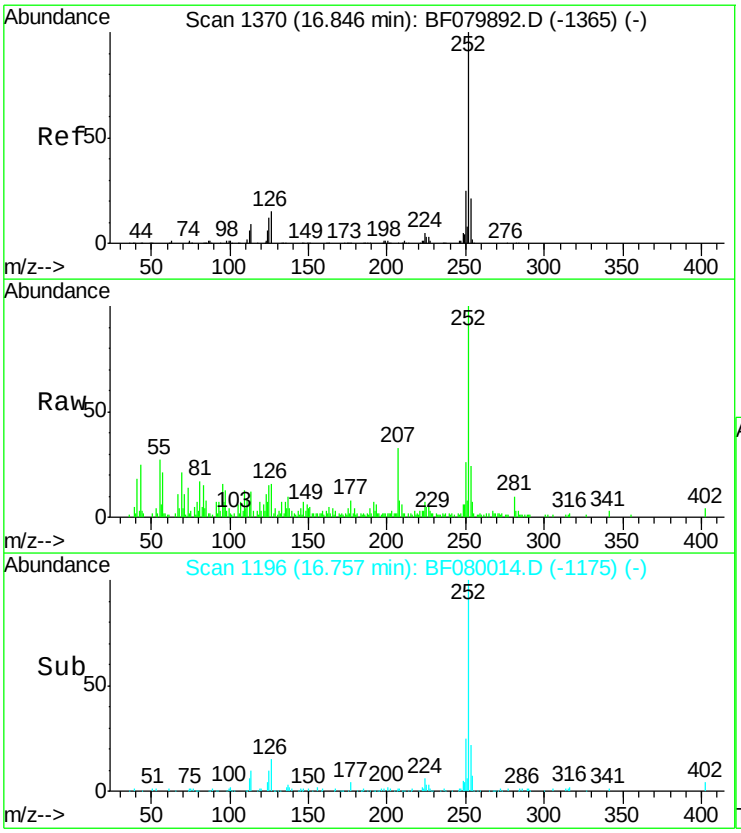
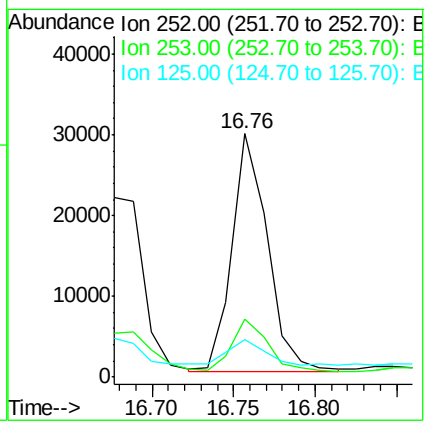
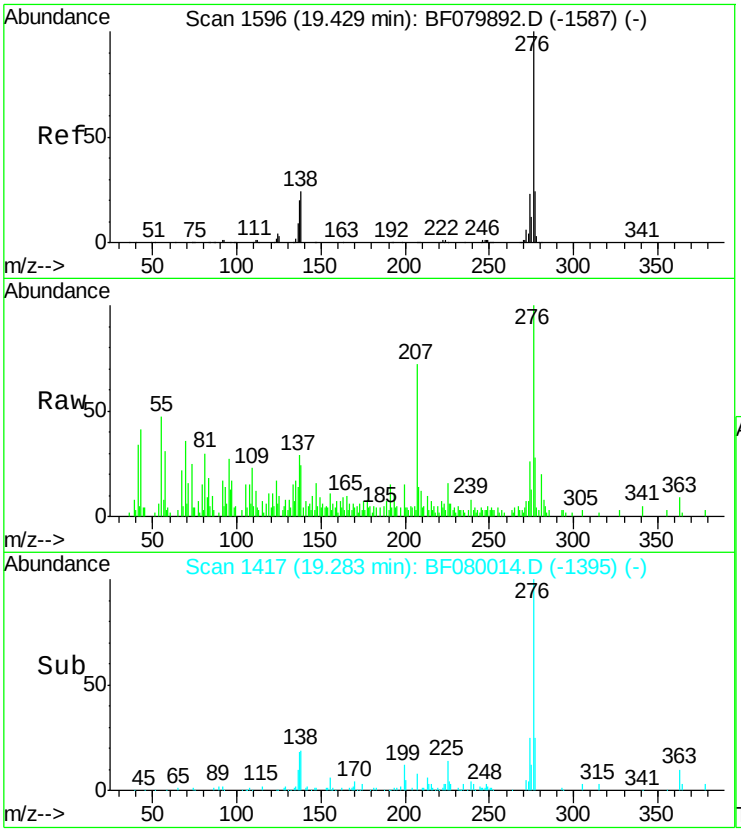


#89
Benzo(a)pyrene
Concen: 3.11 ng
RT: 16.76 min Scan# 1196
Delta R.T. 0.03 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:252 Resp: 44605

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	15.2	9.7	14.5#

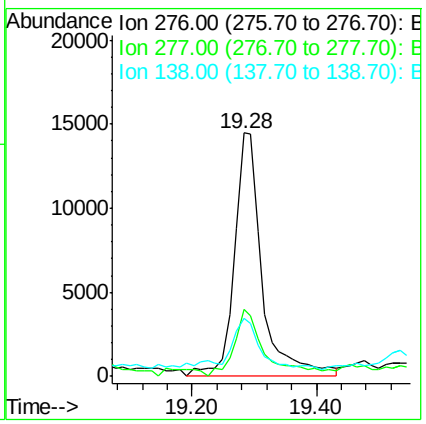




#91
Benzo(g,h,i)perylene
Concen: 3.10 ng
RT: 19.28 min Scan# 1417
Delta R.T. 0.05 min
Lab File: BF080014.D
Acq: 17 Jun 2015 5:29

Tgt Ion:276 Resp: 45167

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.4	29.2
138	23.8	19.1	28.7



Instrument :
BNA_F
ClientSampleId :
NC-TS-001

Manual Integrations APPROVED
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