Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042915\
Data File : BG016825.D
Acq On : 30 Apr 2015 8:25
Operator : TP/IZ
Sample : G2041-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-01NORTH

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5/1/2015 8:58:40 AM

Quant Time: Apr 30 15:42:03 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 02:01:08 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	62969	20.00	ng		0.00
21) Naphthalene-d8	10.35	136	262540	20.00	ng		0.00
38) Acenaphthene-d10	14.22	164	147966	20.00	ng		0.00
63) Phenanthrene-d10	16.97	188	269804	20.00	ng		0.00
75) Chrysene-d12	21.16	240	229000	20.00	ng		0.00
86) Perylene-d12	23.35	264	219611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	79755	23.33	ng		0.00
7) Phenol-d6	6.76	99	104584	21.80	ng		0.00
23) Nitrobenzene-d5	8.72	82	52001	12.90	ng		0.00
41) 2,4,6-Tribromophenol	15.72	330	20472	18.58	ng		0.00
44) 2-Fluorobiphenyl	12.83	172	126029	13.19	ng		0.00
78) Terphenyl-d14	19.60	244	120649	12.71	ng		0.00
Target Compounds							Qvalue
74) Fluoranthene	19.03	202	69977	4.46	ng		100
77) Pyrene	19.40	202	84344	5.63	ng		99
80) Benzo(a)anthracene	21.14	228	46884	3.54	ng		98
82) Chrysene	21.19	228	49846	3.98	ng		98
87) Benzo(b)fluoranthene	22.70	252	63603m	5.09	ng		
89) Benzo(a)pyrene	23.26	252	51876	4.38	ng	#	93
91) Benzo(g,h,i)perylene	26.25	276	29573	2.46	ng		91

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

Quantitation Report (LSC Reviewed)

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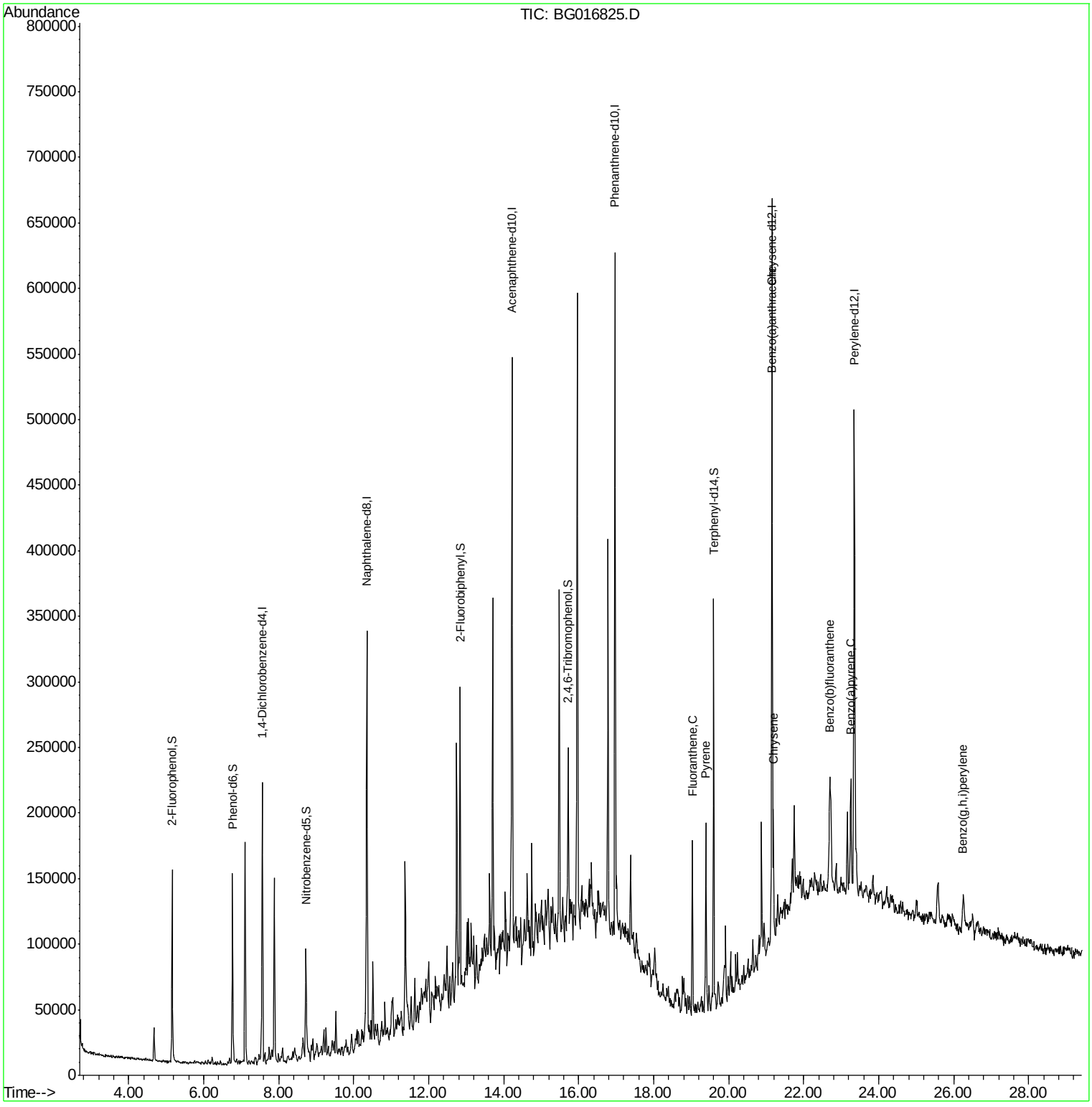
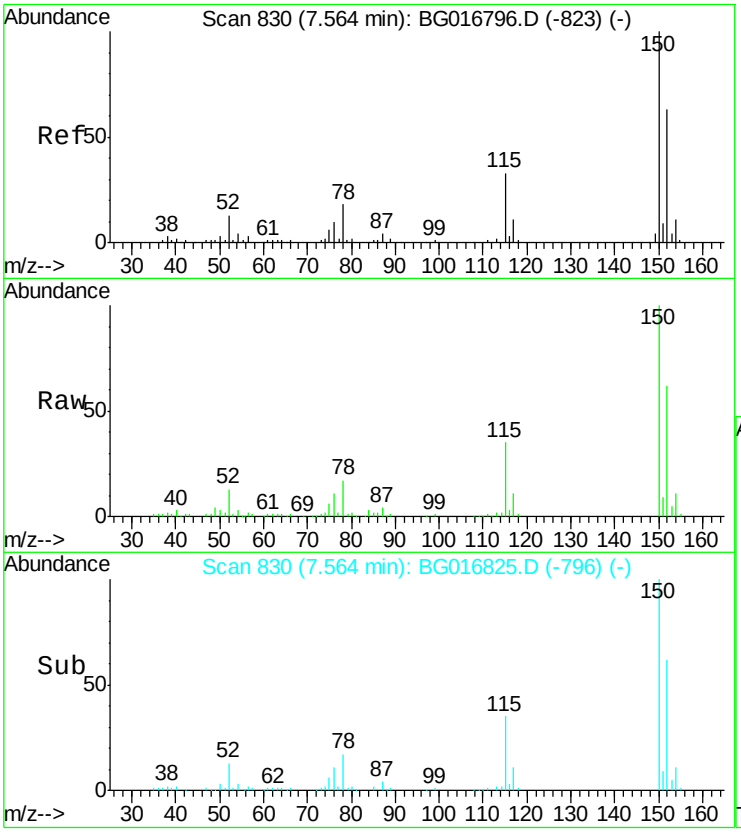
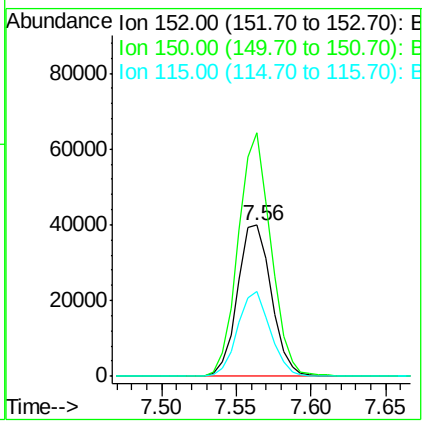




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:152 Resp: 62969

Ion	Ratio	Lower	Upper
152	100		
150	161.0	126.2	189.4
115	55.8	41.1	61.7



Instrument :
BNA_G
ClientSampleId :
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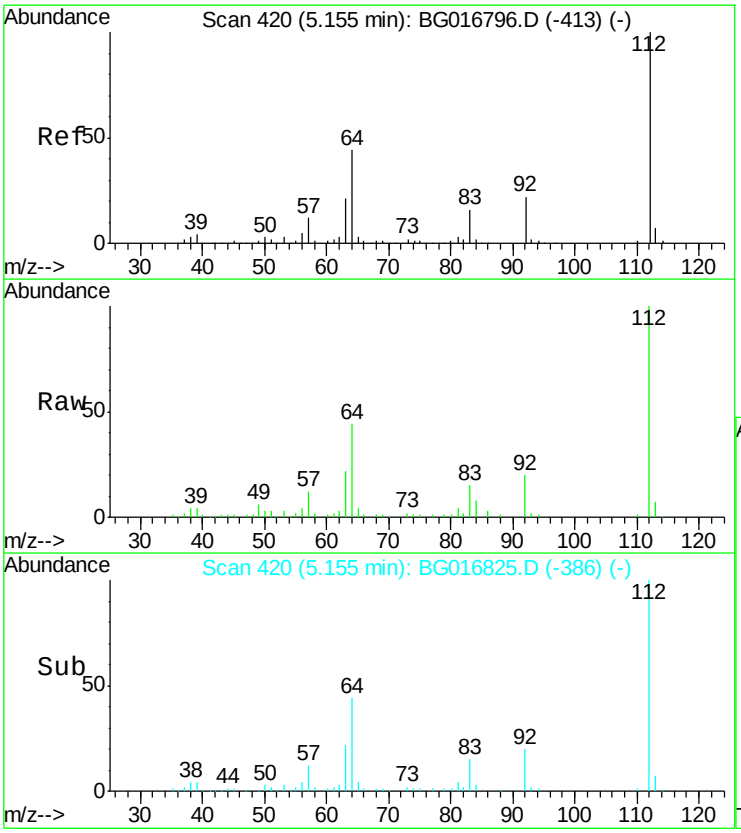
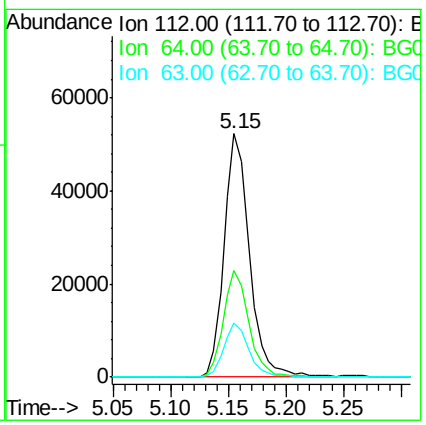
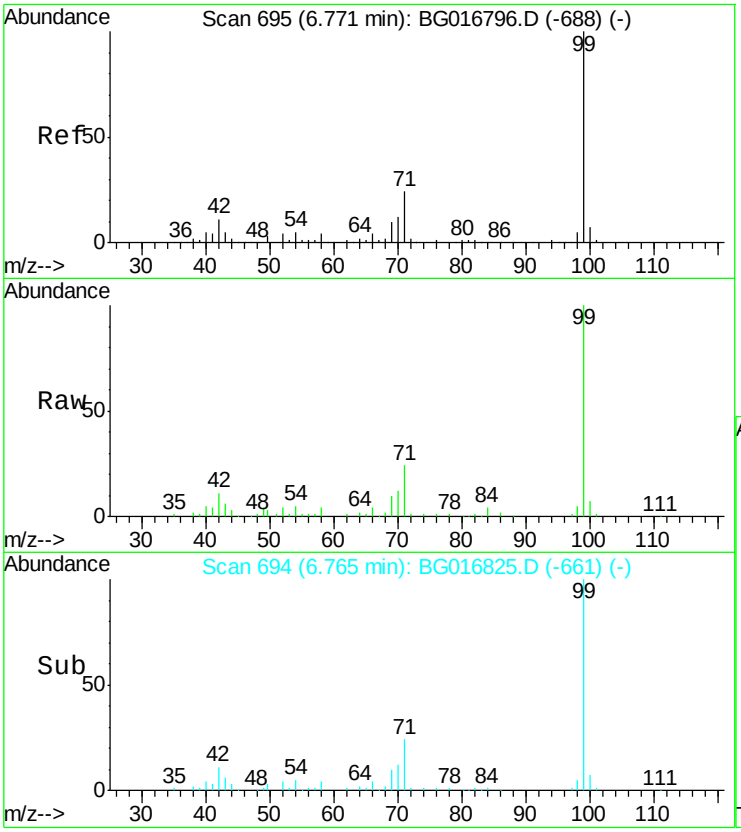


#5
2-Fluorophenol
Concen: 23.33 ng
RT: 5.15 min Scan# 420
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:112 Resp: 79755

Ion	Ratio	Lower	Upper
112	100		
64	44.0	35.5	53.3
63	22.0	17.2	25.8

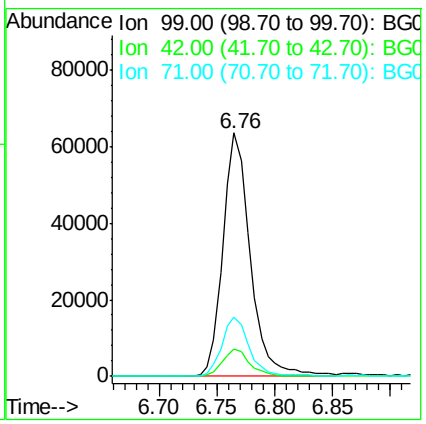




#7
Phenol-d6
Concen: 21.80 ng
RT: 6.76 min Scan# 694
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion: 99 Resp: 104584

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.9	13.3
71	24.3	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
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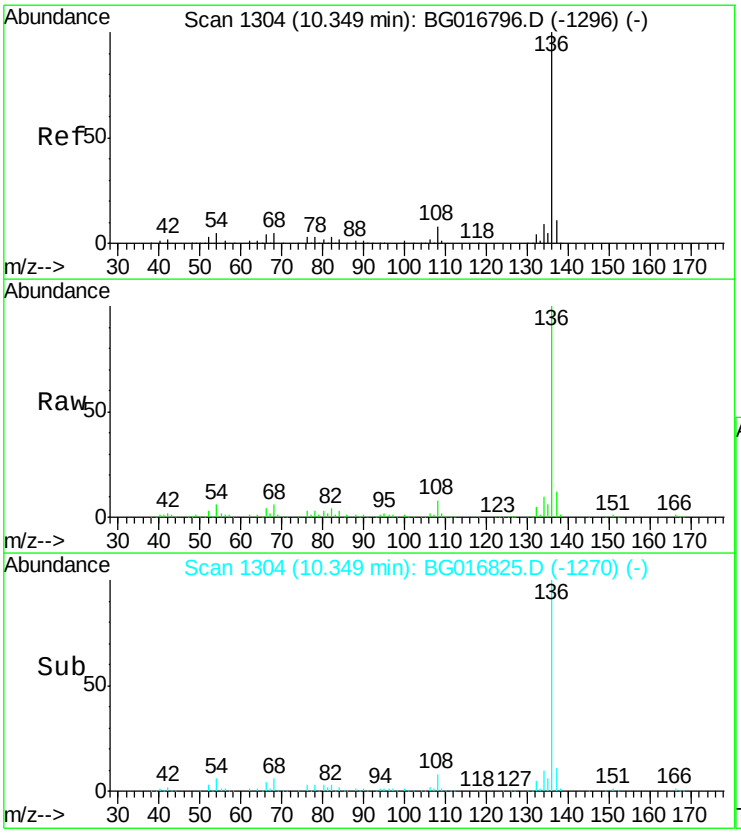
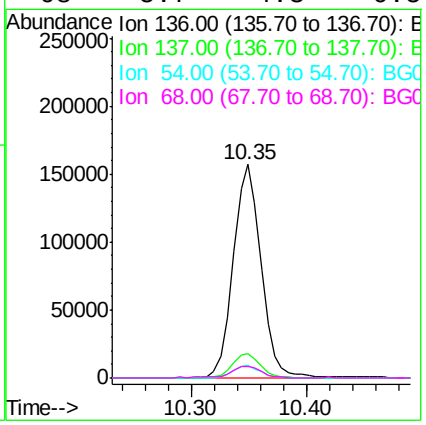
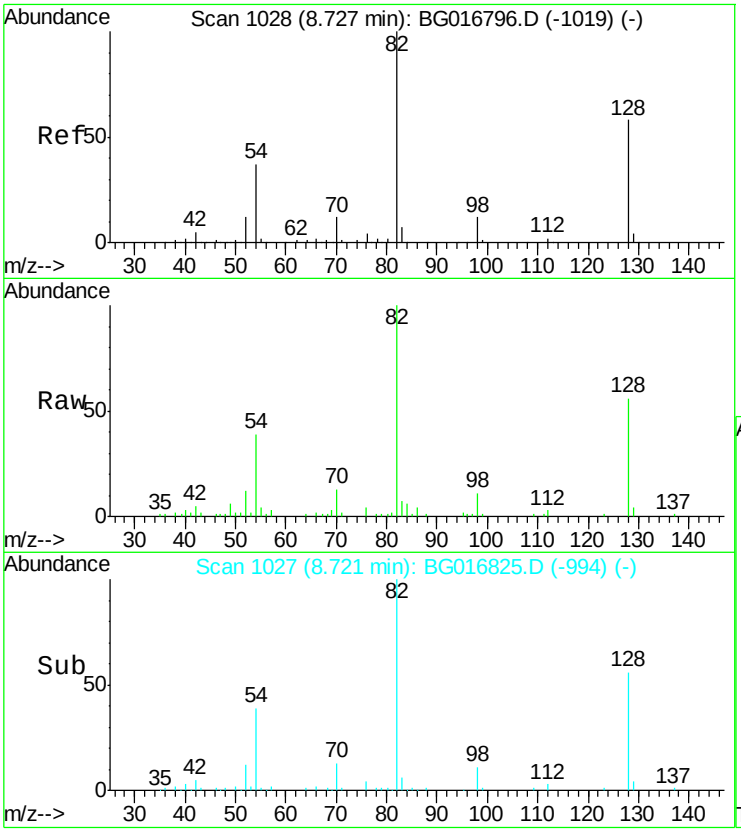


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.35 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:136 Resp: 262540

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	6.0	4.3	6.5
68	5.7	4.3	6.5

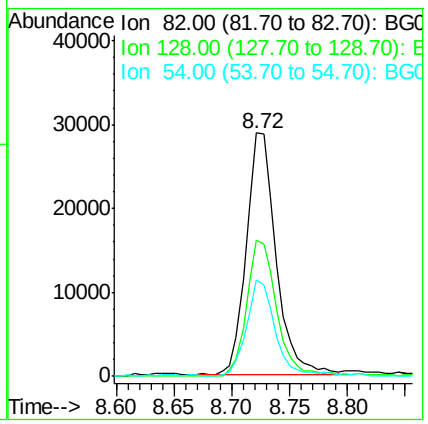




#23
Nitrobenzene-d5
Concen: 12.90 ng
RT: 8.72 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion: 82 Resp: 52001

Ion	Ratio	Lower	Upper
82	100		
128	55.8	46.3	69.5
54	39.5	30.0	45.0



Instrument :
BNA_G
ClientSampleId :
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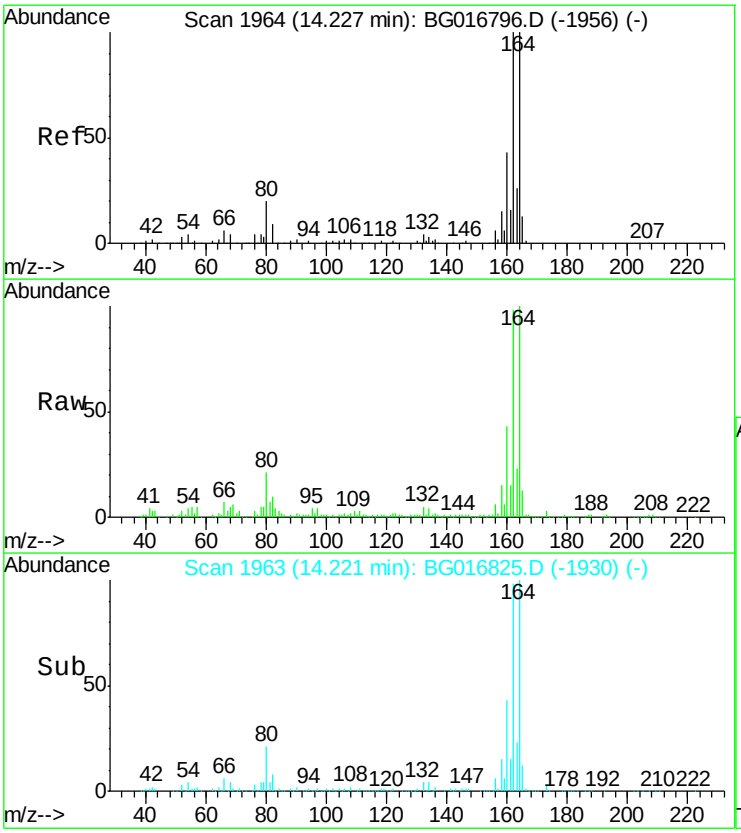
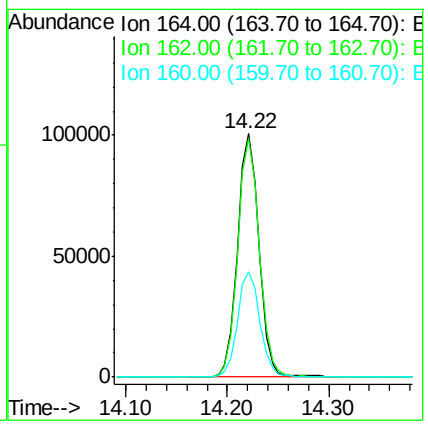
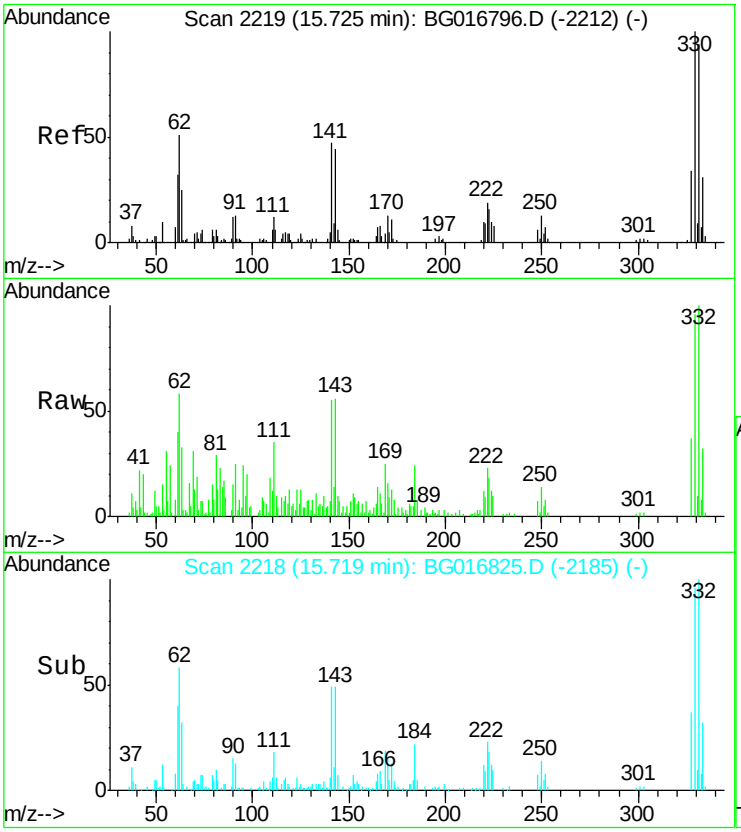


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.22 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:164 Resp: 147966

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.4
160	43.1	34.8	52.2

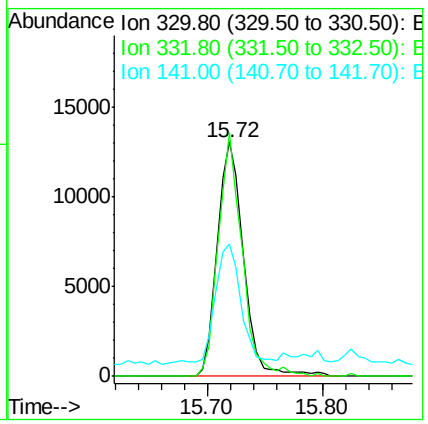




#41
2,4,6-Tribromophenol
Concen: 18.58 ng
RT: 15.72 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:330 Resp: 20472

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.3	112.9
141	48.2	40.7	61.1



Instrument :
BNA_G
ClientSampleId :
SP-01NORTH

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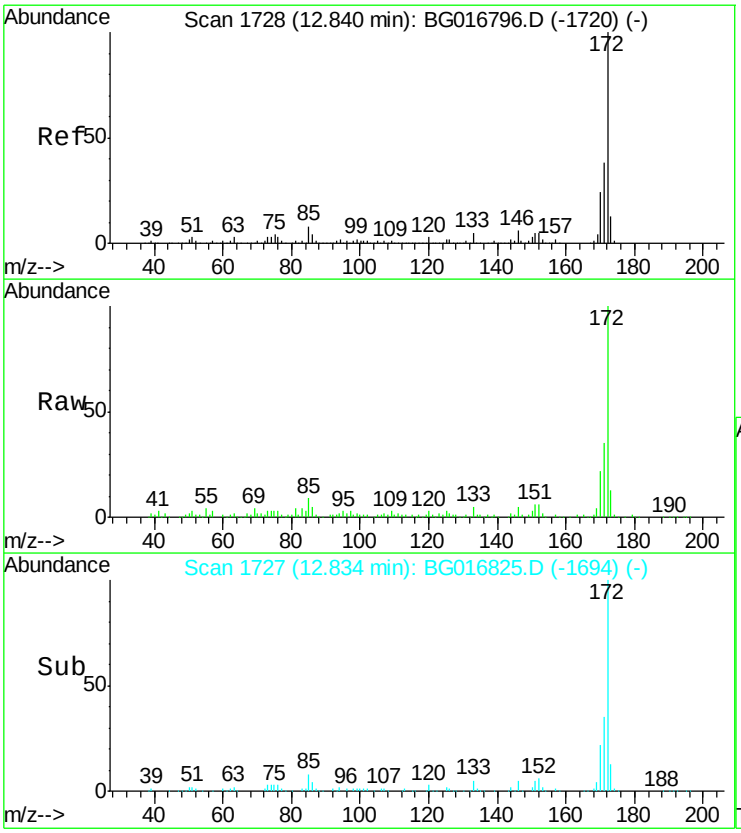
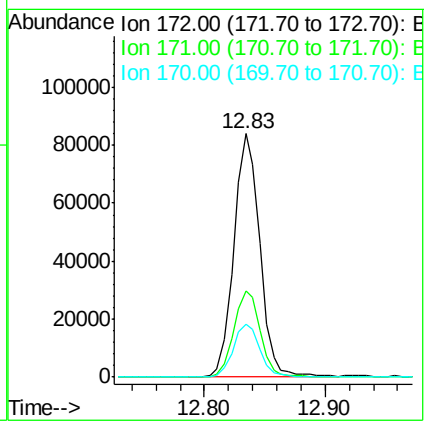
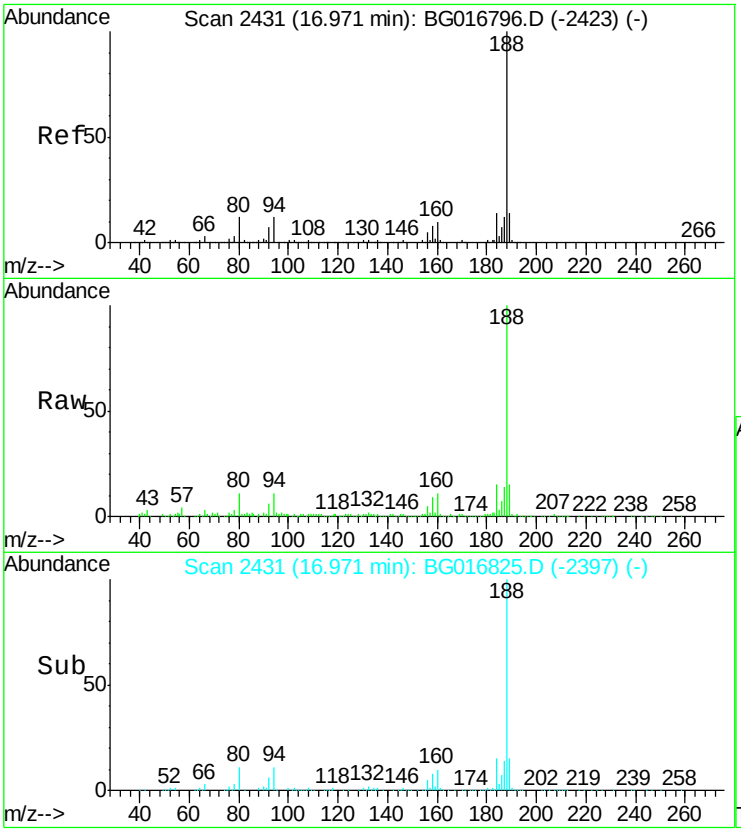


#44
2-Fluorobiphenyl
Concen: 13.19 ng
RT: 12.83 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:172 Resp: 126029

Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.2	45.4
170	21.9	19.4	29.0

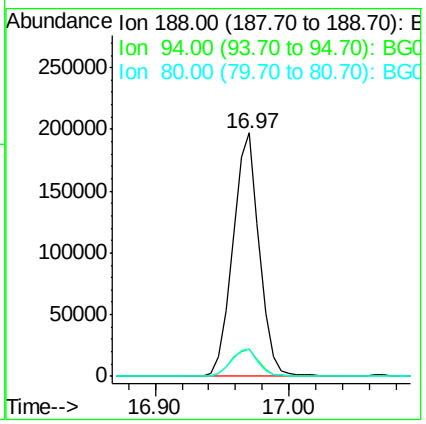




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.97 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:188 Resp: 269804

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.5	14.3
80	11.4	9.2	13.8



Instrument :
BNA_G
ClientSampleId :
SP-01NORTH

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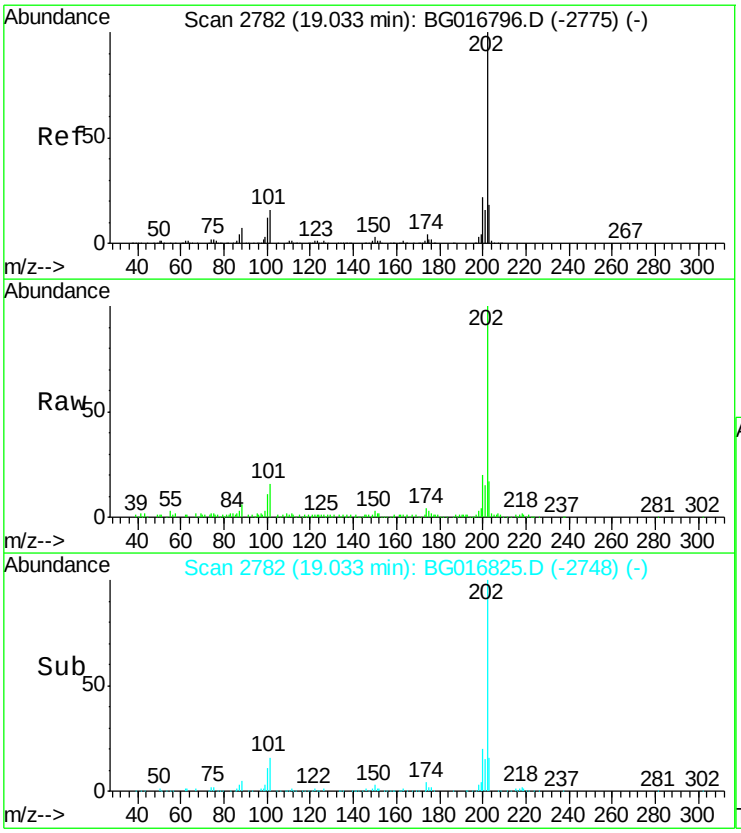
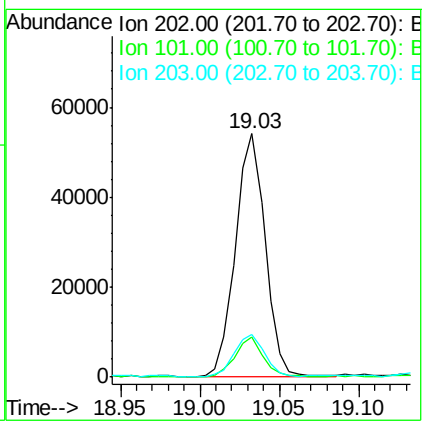
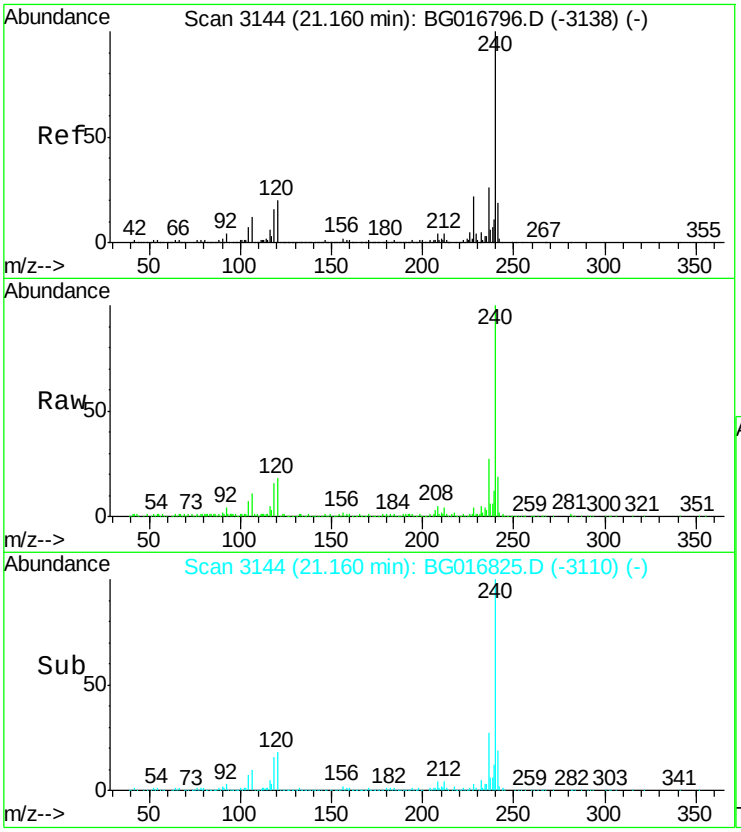


#74
Fluoranthene
Concen: 4.46 ng
RT: 19.03 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:202 Resp: 69977

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	36.2
203	17.4	0.0	37.6

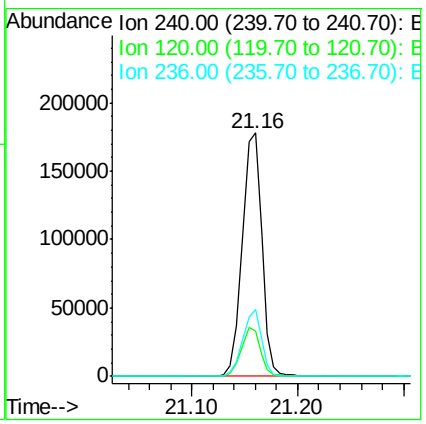




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:240 Resp: 229000

Ion	Ratio	Lower	Upper
240	100		
120	18.4	16.1	24.1
236	27.4	21.0	31.6



Instrument :
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ClientSampleId :
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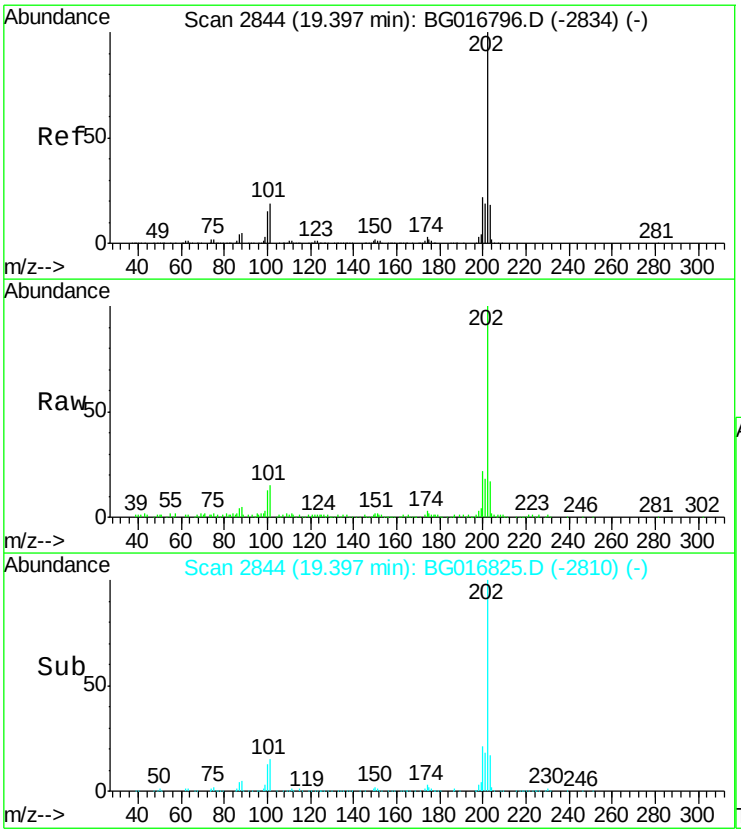
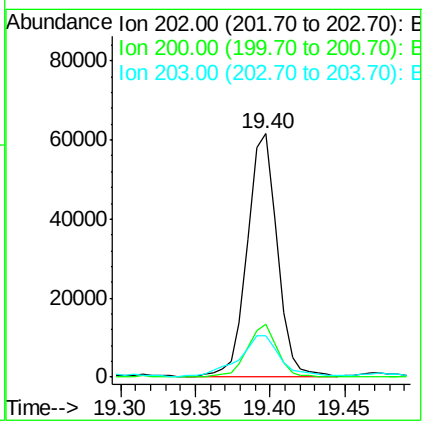
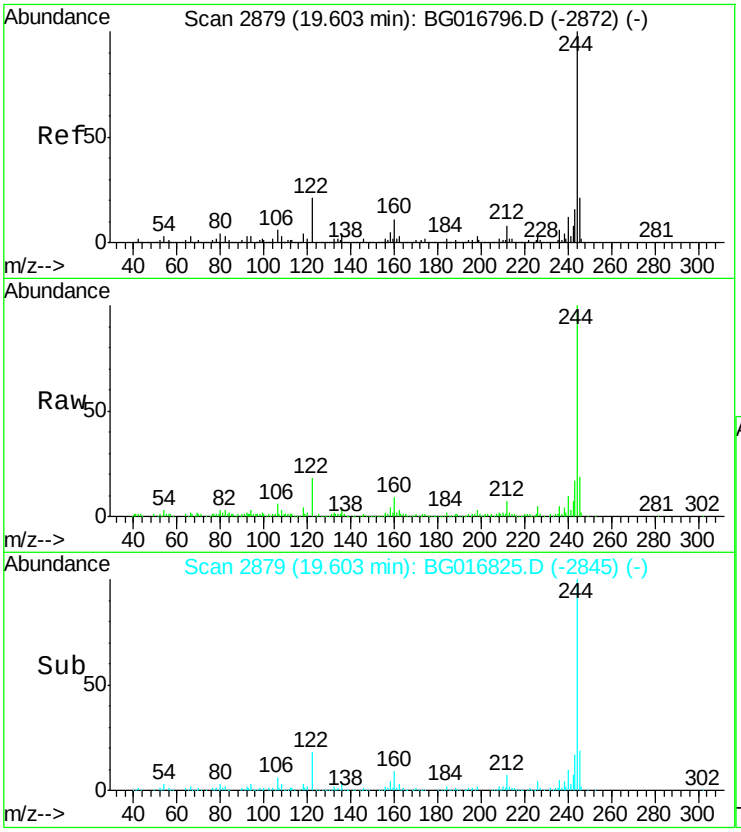


#77
Pyrene
Concen: 5.63 ng
RT: 19.40 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:202 Resp: 84344

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.3	25.9
203	17.1	14.6	22.0

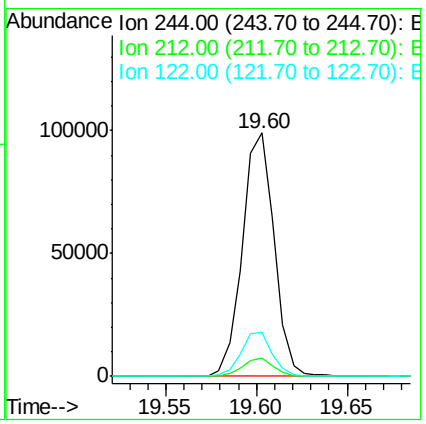




#78
Terphenyl-d14
Concen: 12.71 ng
RT: 19.60 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:244 Resp: 120649

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	18.0	16.4	24.6



Instrument :
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ClientSampleId :
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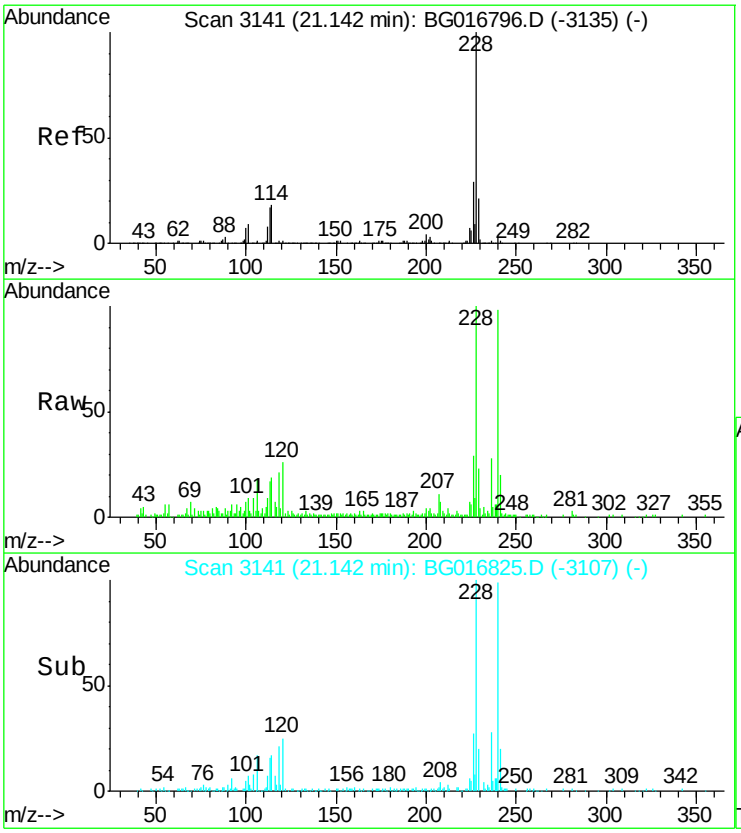
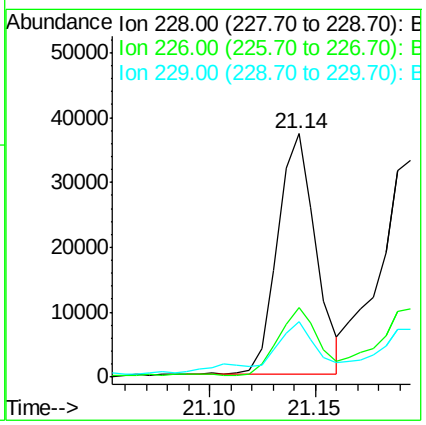
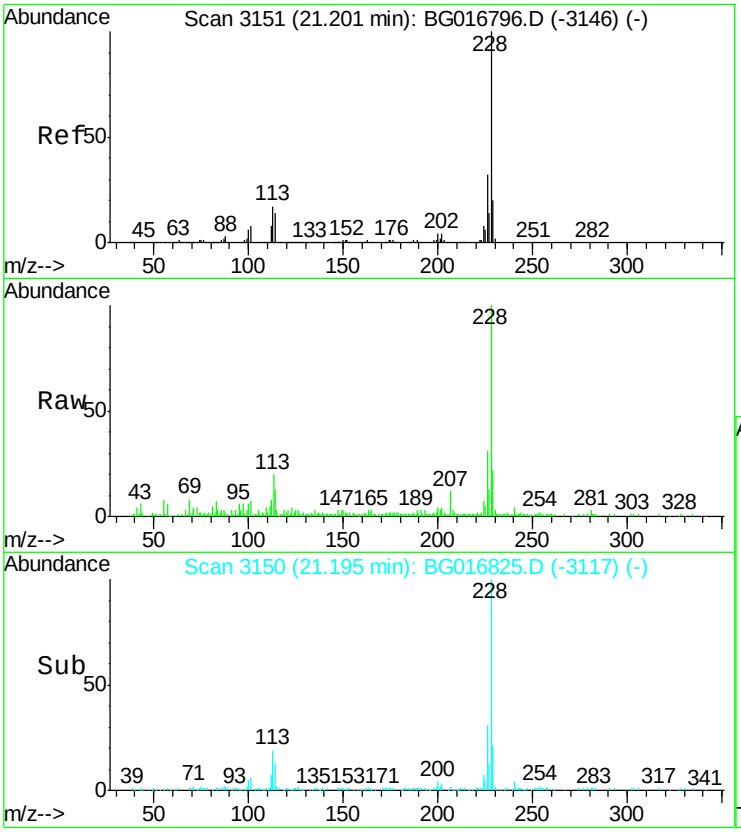


#80
Benzo(a)anthracene
Concen: 3.54 ng
RT: 21.14 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:228 Resp: 46884

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	22.5	17.0	25.6

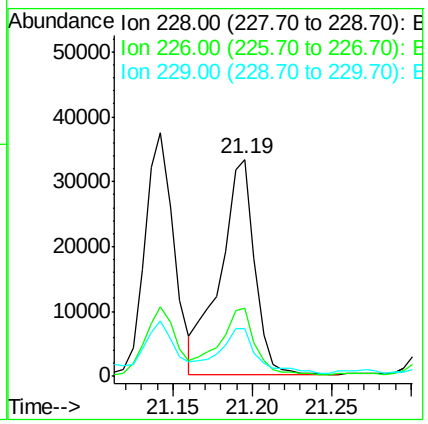




#82
Chrysene
Concen: 3.98 ng
RT: 21.19 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:228 Resp: 49846

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.1	37.7
229	21.9	16.1	24.1



Instrument :
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ClientSampleId :
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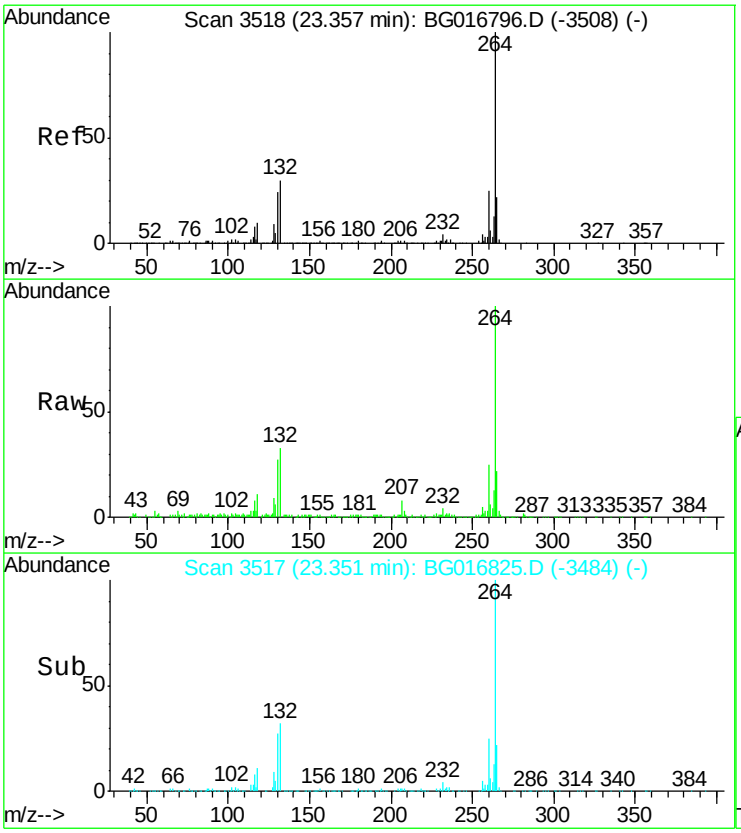
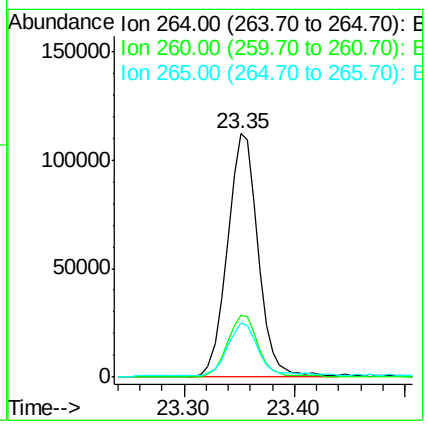
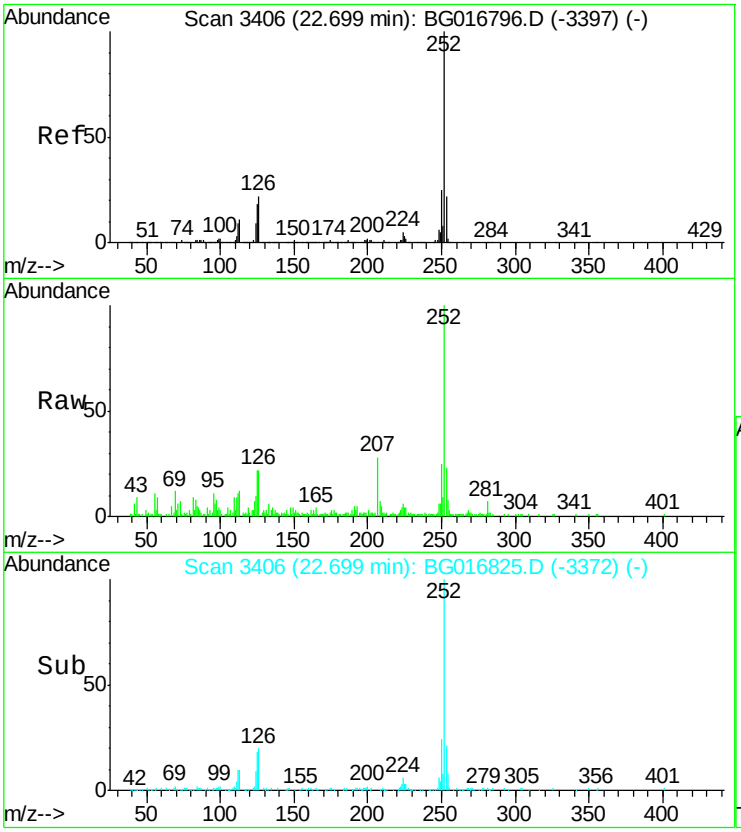


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.35 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:264 Resp: 219611

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.7	29.5
265	22.3	17.4	26.2





#87
Benzo(b)fluoranthene
Concen: 5.09 ng m
RT: 22.70 min Scan# 3406
Delta R.T. -0.00 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:252 Resp: 63603

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	22.1	14.2	21.2#

Instrument :
BNA_G
ClientSampleId :
SP-01NORTH

Manual Integrations APPROVED
apatel
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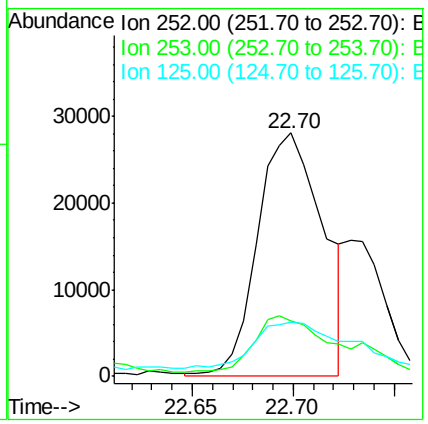
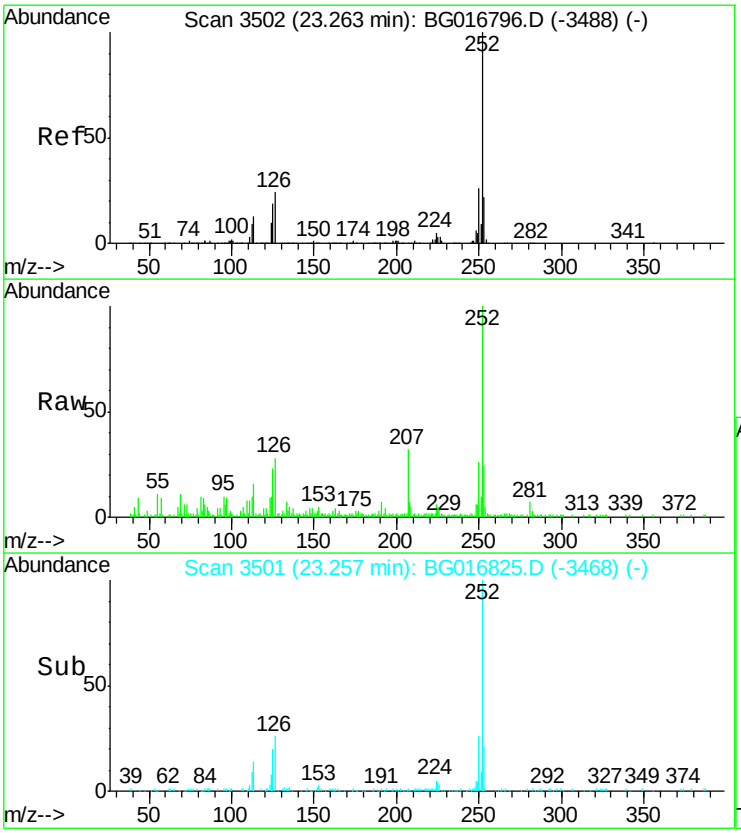
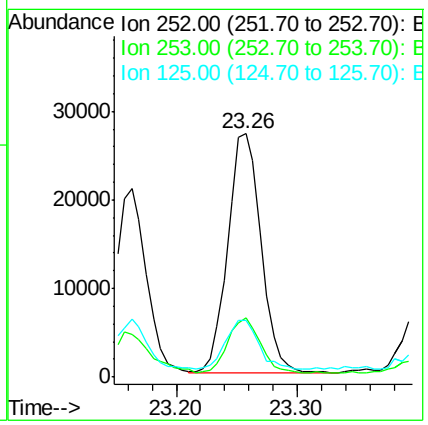


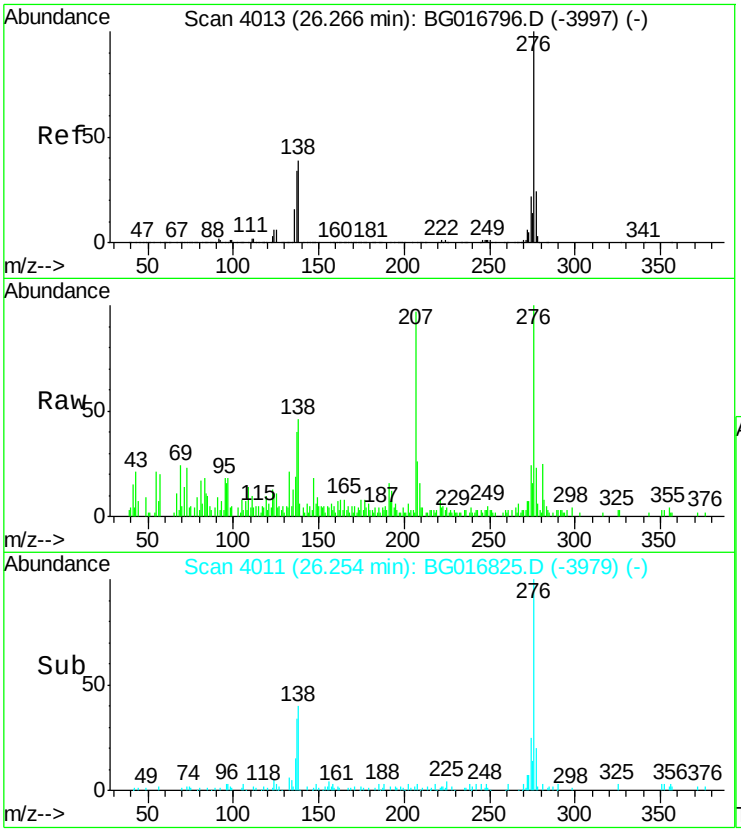


#89
Benzo(a)pyrene
Concen: 4.38 ng
RT: 23.26 min Scan# 3501
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:252 Resp: 51876

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	23.4	15.0	22.4#

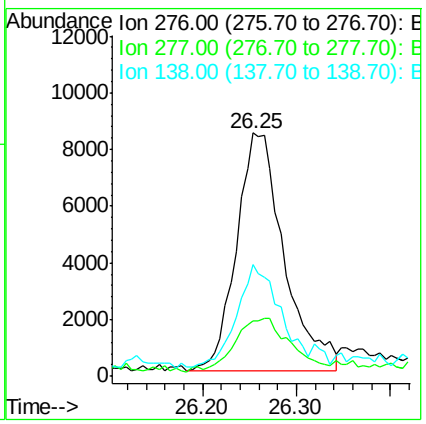




#91
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 26.25 min Scan# 4011
Delta R.T. -0.01 min
Lab File: BG016825.D
Acq: 30 Apr 2015 8:25

Tgt Ion:276 Resp: 29573

Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	45.7	31.0	46.4



Instrument :
BNA_G
ClientSampleId :
SP-01NORTH

Manual Integrations APPROVED
apatel
5/1/2015 8:58:40 AM