Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
Data File : BF075601.D
Acq On : 17 Nov 2014 1:22
Operator : TP / JJ
Sample : F4755-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HUDPARK-B2-SS1(1-2)

Manual Integrations APPROVED
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Quant Time: Nov 17 06:45:19 2014
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 17 05:54:27 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27177	20.00	ng		0.00
21) Naphthalene-d8	9.13	136	113136	20.00	ng		0.00
38) Acenaphthene-d10	11.32	164	59935	20.00	ng		0.00
63) Phenanthrene-d10	13.17	188	103786	20.00	ng		0.00
75) Chrysene-d12	16.46	240	104232	20.00	ng		-0.01
86) Perylene-d12	18.20	264	110161	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	175071	113.80	ng		0.00
7) Phenol-d6	7.11	99	226100	122.22	ng		0.00
23) Nitrobenzene-d5	8.24	82	126281	81.83	ng		0.00
41) 2,4,6-Tribromophenol	12.30	330	57237	114.02	ng		0.00
44) 2-Fluorobiphenyl	10.48	172	239454	72.19	ng		0.00
78) Terphenyl-d14	15.16	244	233435	60.29	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	9.16	128	16368	3.25	ng	#	94
48) Acenaphthylene	11.14	152	12160	2.33	ng		97
49) Dimethylphthalate	10.98	163	10819	2.64	ng		96
51) Acenaphthene	11.35	154	6361	2.02	ng		86
57) Fluorene	12.00	166	10188	2.80	ng		98
70) Phenanthrene	13.19	178	114913	21.04	ng		99
71) Anthracene	13.26	178	38488	6.82	ng		99
72) Carbazole	13.47	167	11734	2.12	ng		98
74) Fluoranthene	14.68	202	175310	29.97	ng		95
77) Pyrene	14.96	202	169117	27.91	ng		98
80) Benzo(a)anthracene	16.45	228	97022	17.72	ng		95
82) Chrysene	16.49	228	71887	15.18	ng		97
85) Indeno(1,2,3-cd)pyrene	19.75	276	44390	7.73	ng	#	100
87) Benzo(b)fluoranthene	17.74	252	97034m	16.47	ng		
88) Benzo(k)fluoranthene	17.76	252	36766m	6.96	ng		
89) Benzo(a)pyrene	18.13	252	71765	13.62	ng		95
90) Dibenzo(a,h)anthracene	19.77	278	11638	2.11	ng	#	82
91) Benzo(g,h,i)perylene	20.22	276	44702	8.52	ng		97

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

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BNA_F
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HUDPARK-B2-SS1(1-2)

Manual Integrations APPROVED
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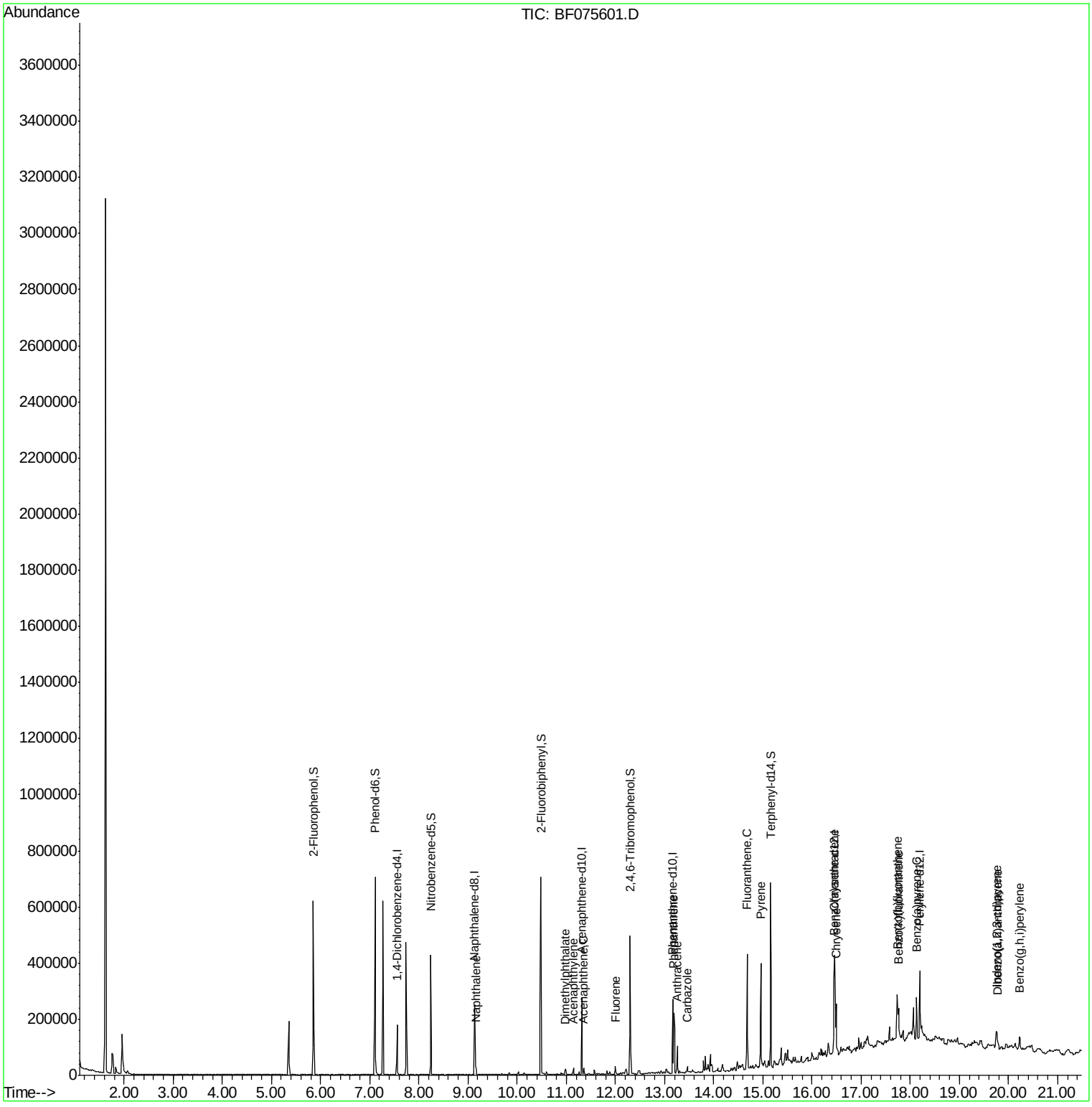
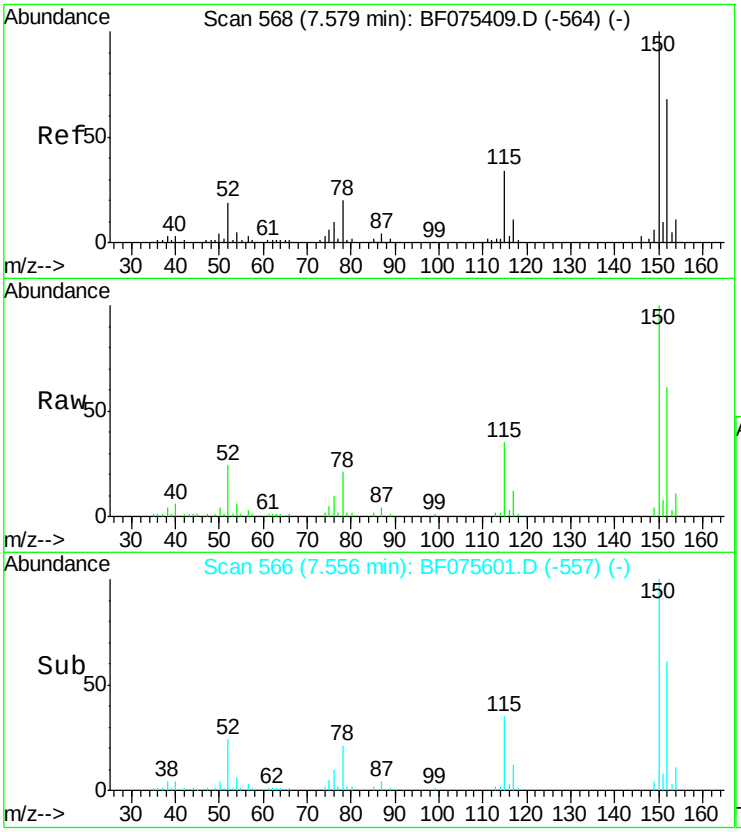
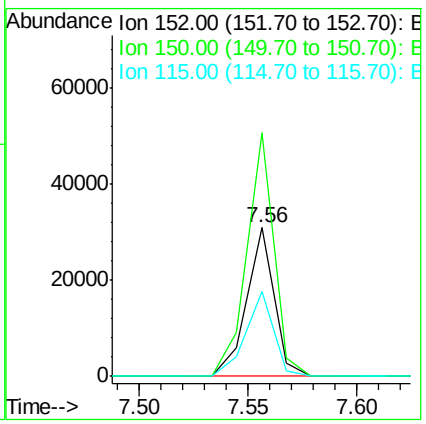




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.56 min Scan# 566
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:152 Resp: 27177

Ion	Ratio	Lower	Upper
152	100		
150	163.7	127.2	190.8
115	57.3	57.1	85.7



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

Manual Integrations APPROVED
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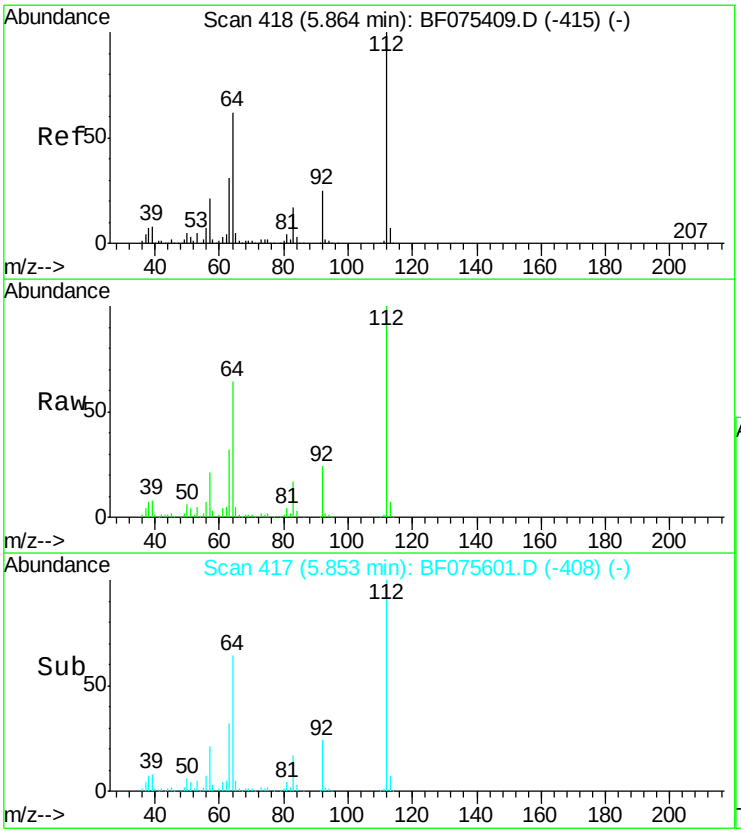
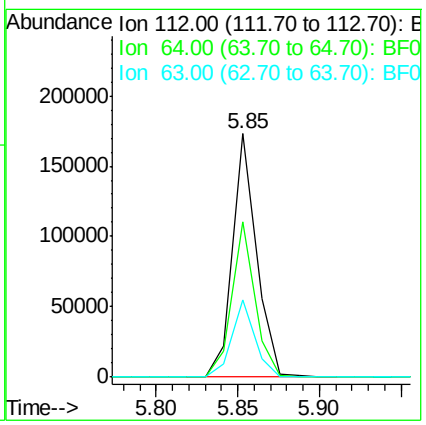
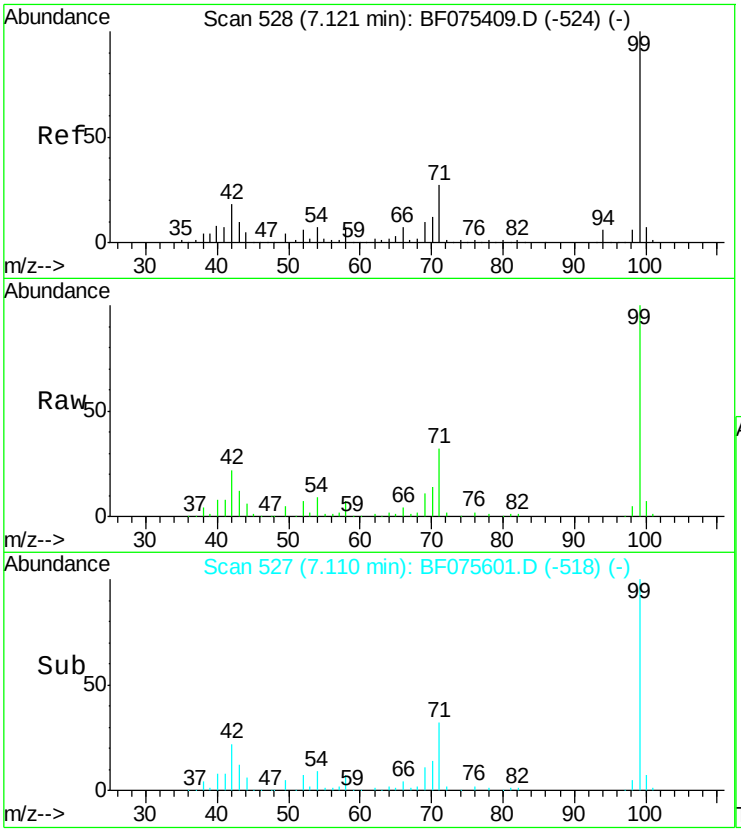


#5
2-Fluorophenol
Concen: 113.80 ng
RT: 5.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:112 Resp: 175071

Ion	Ratio	Lower	Upper
112	100		
64	63.6	45.8	68.6
63	31.7	22.7	34.1

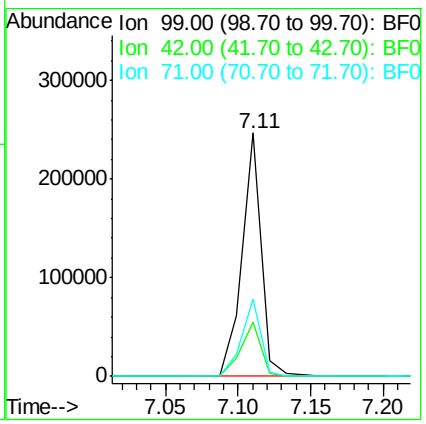




#7
Phenol-d6
Concen: 122.22 ng
RT: 7.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion: 99 Resp: 226100

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.8	29.6
71	31.8	25.5	38.3



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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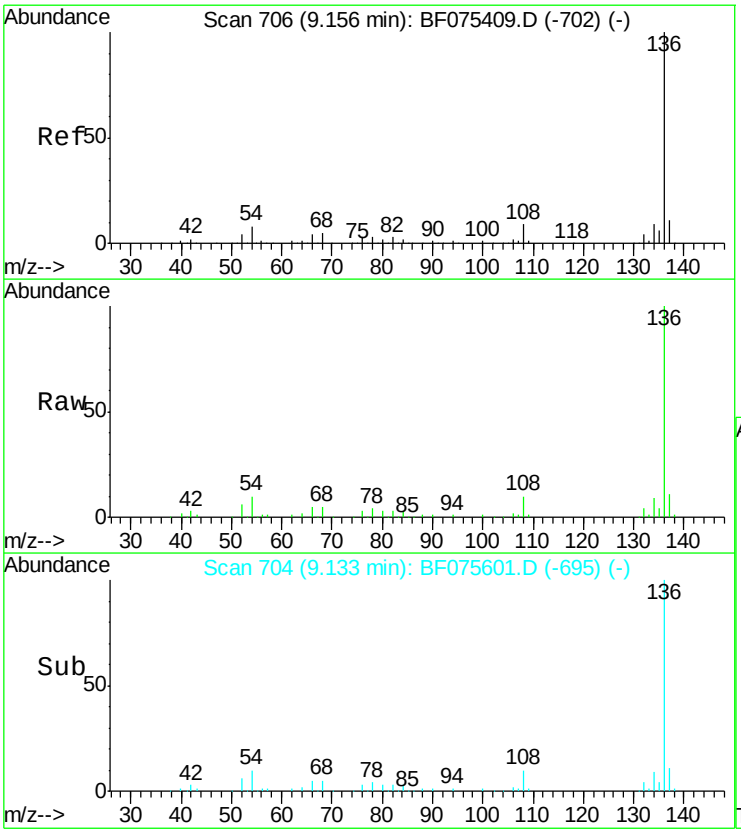
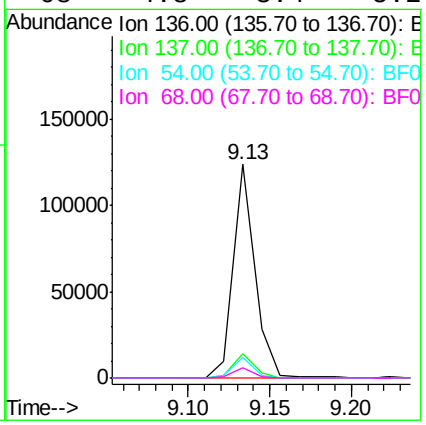
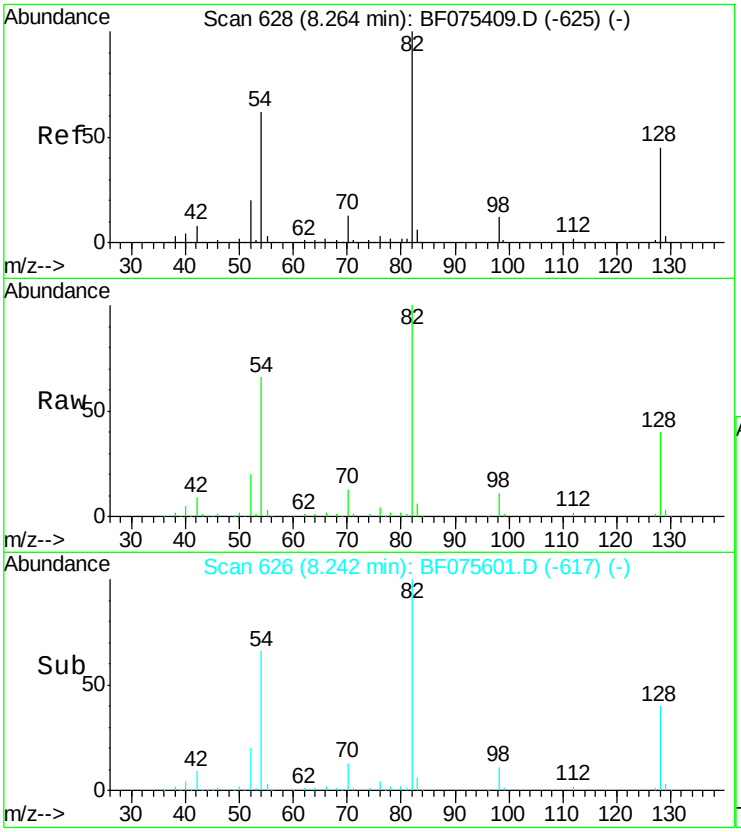


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:136 Resp: 113136

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	9.6	6.2	9.4#
68	4.8	3.4	5.2

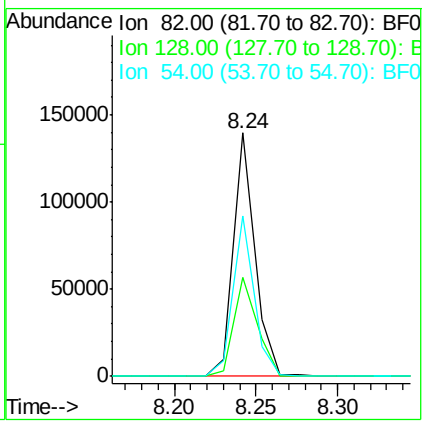




#23
Nitrobenzene-d5
Concen: 81.83 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion: 82 Resp: 126281

Ion	Ratio	Lower	Upper
82	100		
128	40.4	37.8	56.6
54	66.1	49.8	74.8



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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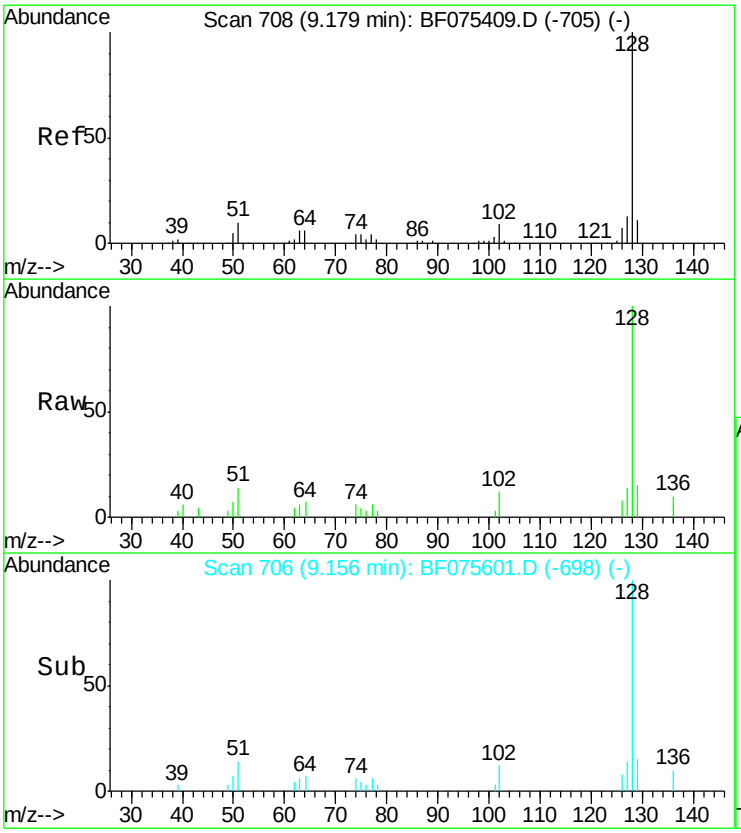
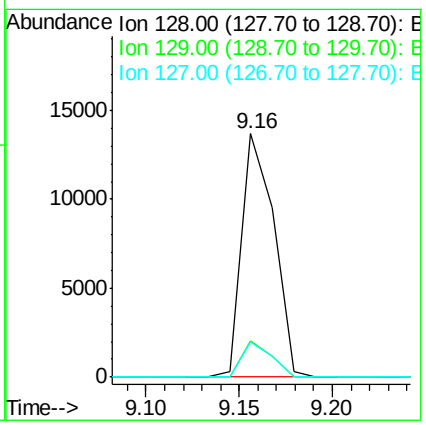
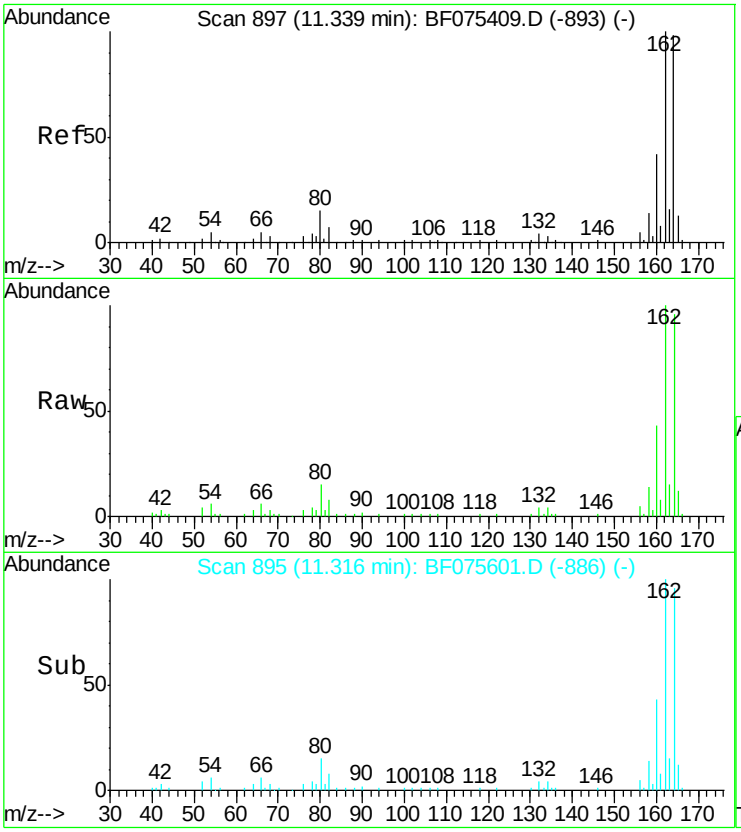


#31
Naphthalene
Concen: 3.25 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:128 Resp: 16368

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.0	13.4#
127	14.4	10.2	15.4

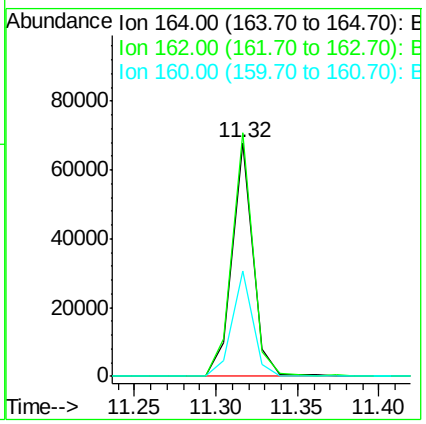




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:164 Resp: 59935

Ion	Ratio	Lower	Upper
164	100		
162	104.2	79.1	118.7
160	45.3	34.6	51.8



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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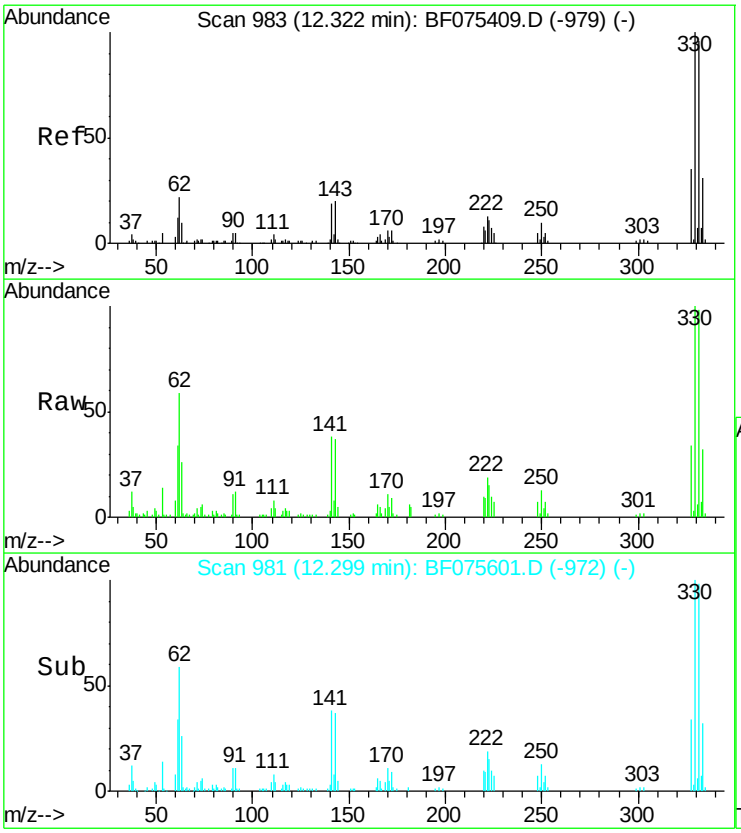
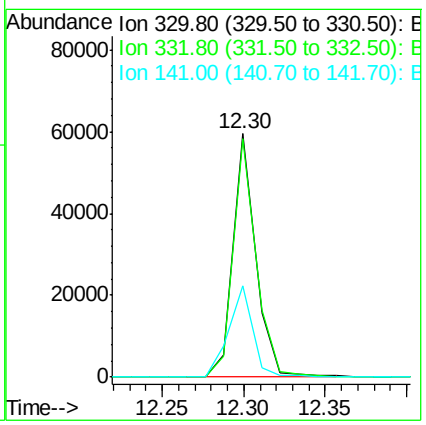
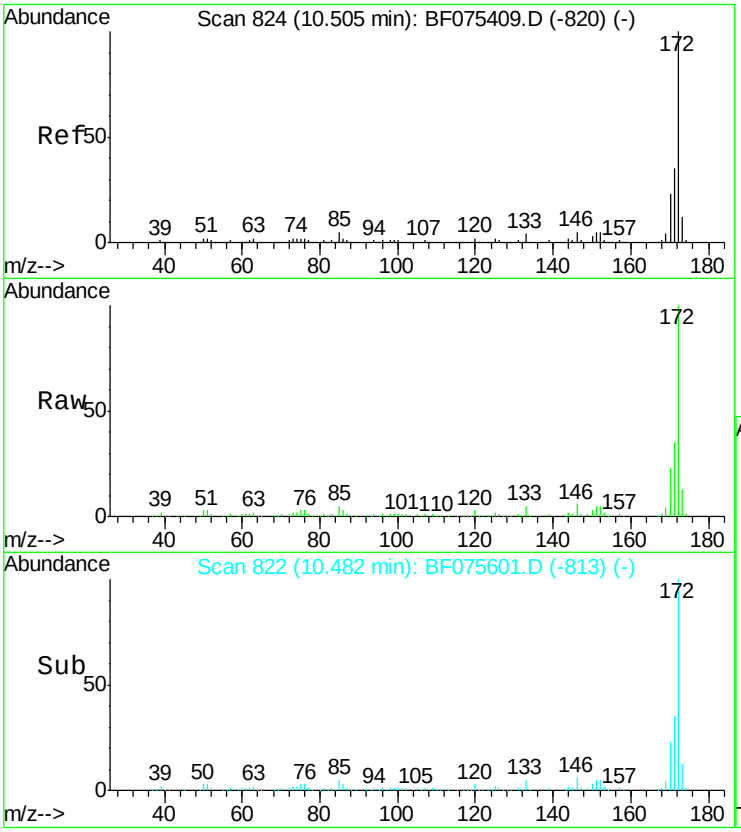


#41
2,4,6-Tribromophenol
Concen: 114.02 ng
RT: 12.30 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:330 Resp: 57237

Ion	Ratio	Lower	Upper
330	100		
332	98.4	74.5	111.7
141	39.5	30.7	46.1

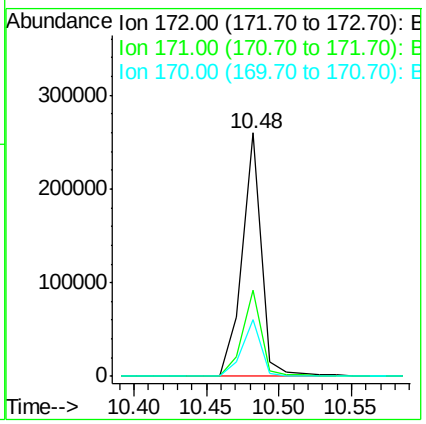




#44
2-Fluorobiphenyl
Concen: 72.19 ng
RT: 10.48 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:172 Resp: 239454

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.4	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
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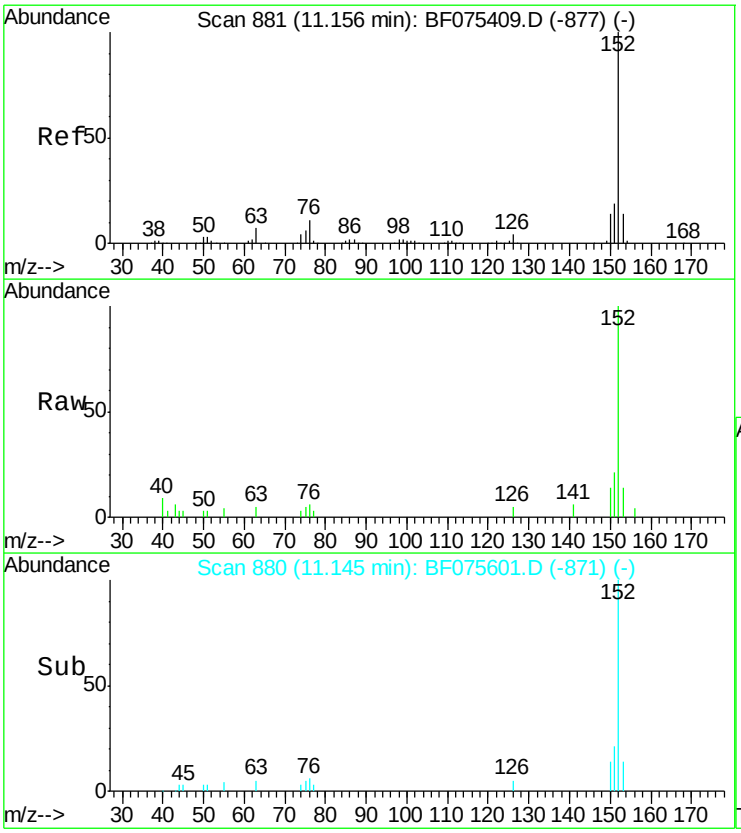
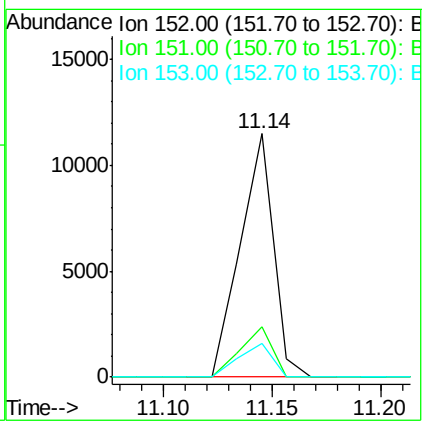
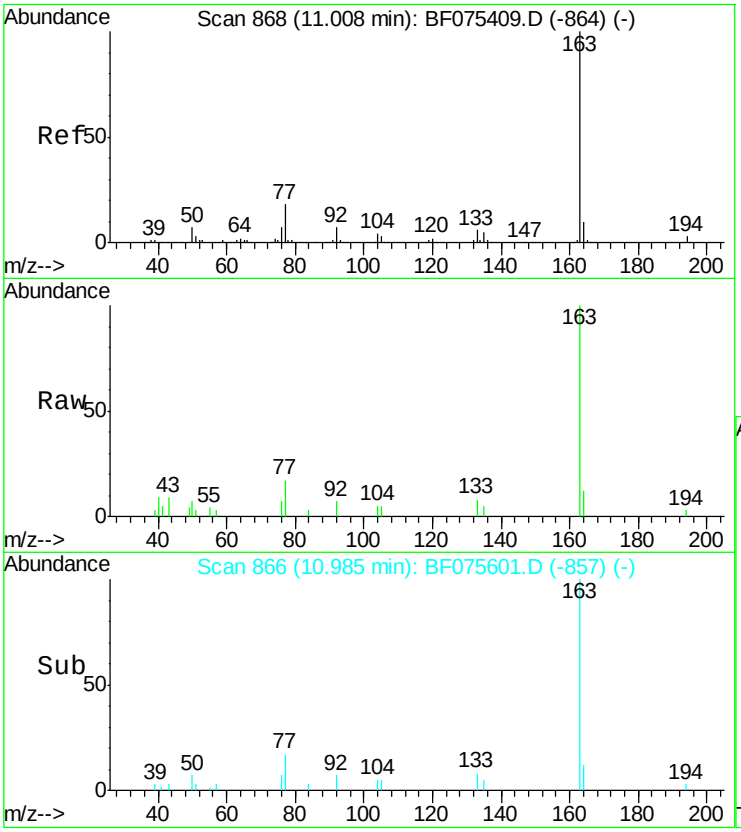


#48
Acenaphthylene
Concen: 2.33 ng
RT: 11.14 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:152 Resp: 12160

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.4	23.2
153	13.8	10.0	15.0

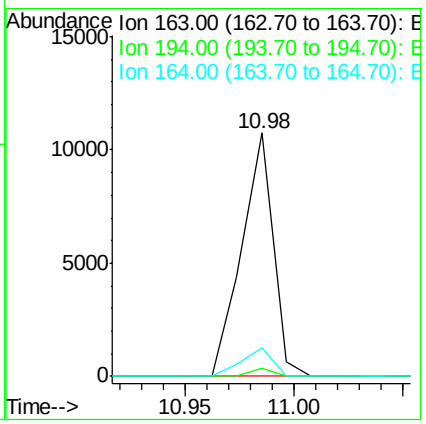




#49
Dimethylphthalate
Concen: 2.64 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:163 Resp: 10819

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	11.8	8.0	12.0



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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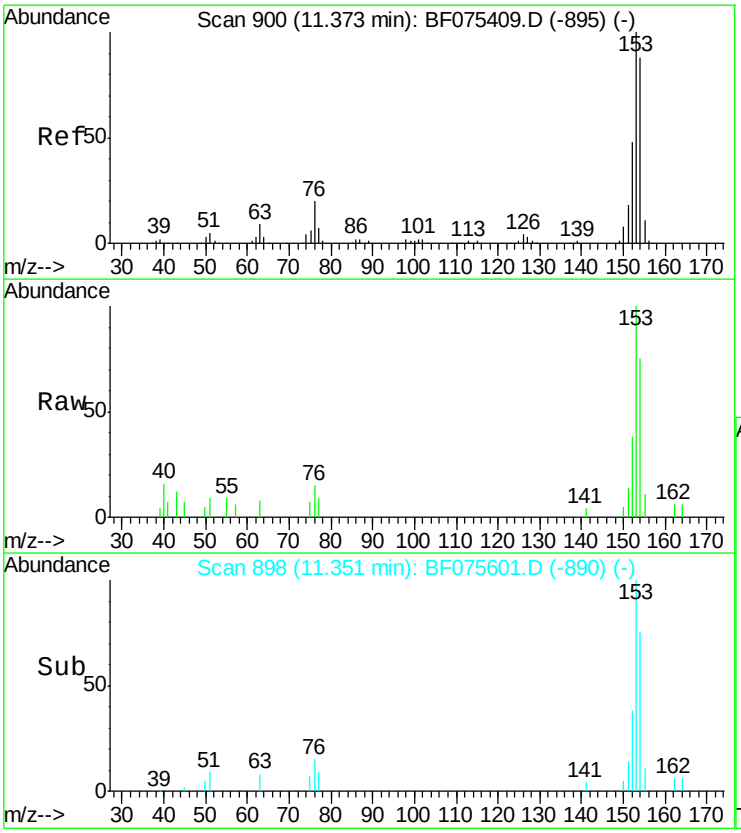
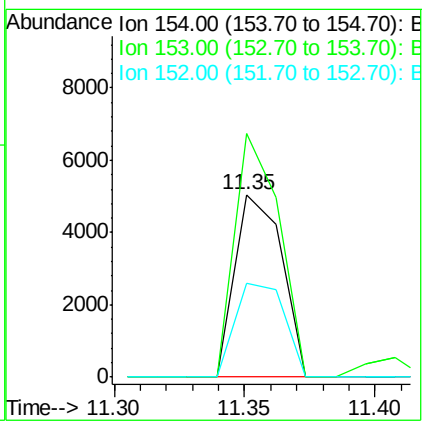
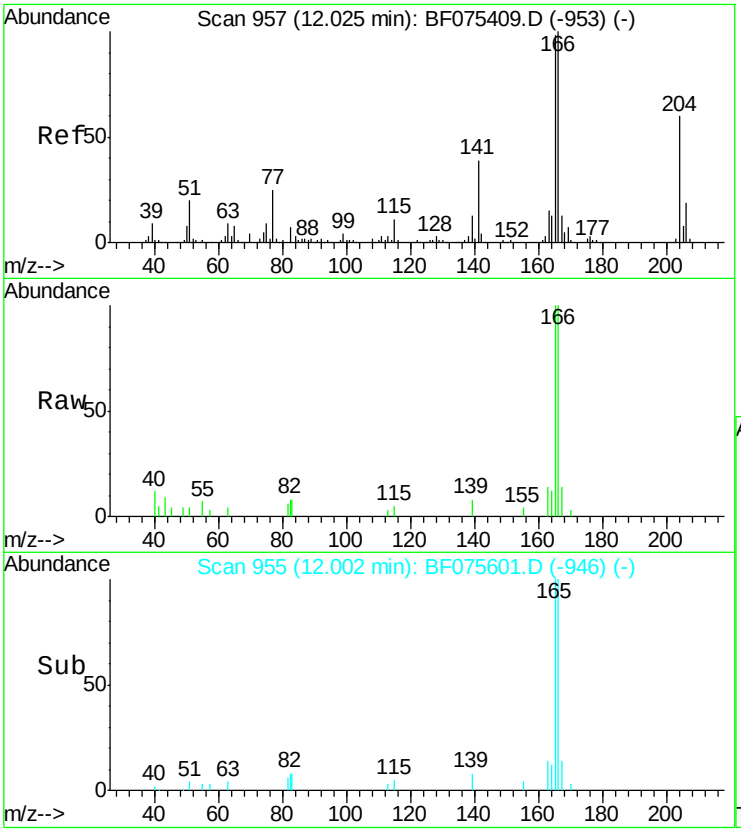


#51
Acenaphthene
Concen: 2.02 ng
RT: 11.35 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:154 Resp: 6361

Ion	Ratio	Lower	Upper
154	100		
153	133.4	91.2	136.8
152	51.2	43.4	65.0

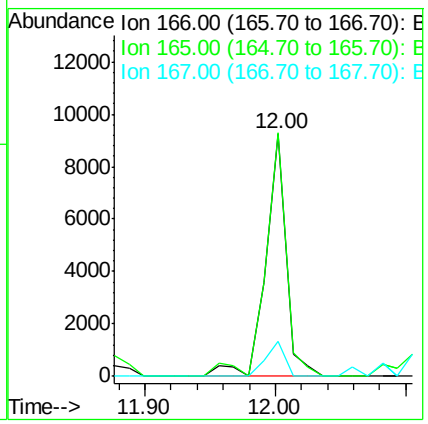




#57
Fluorene
Concen: 2.80 ng
RT: 12.00 min Scan# 955
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:166 Resp: 10188

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.8	118.2
167	14.3	10.6	15.8



Instrument :
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HUDPARK-B2-SS1(1-2)

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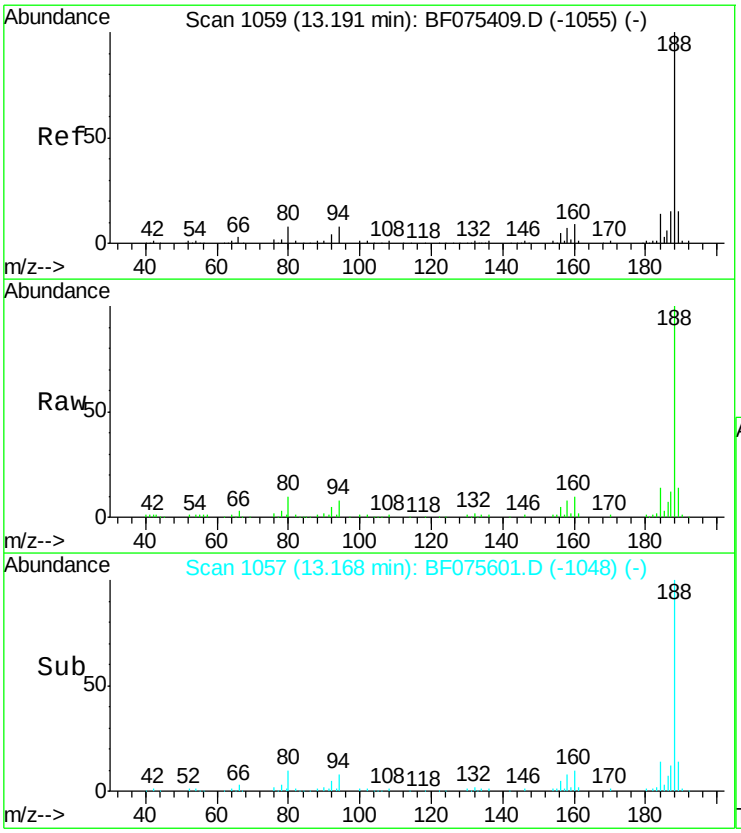
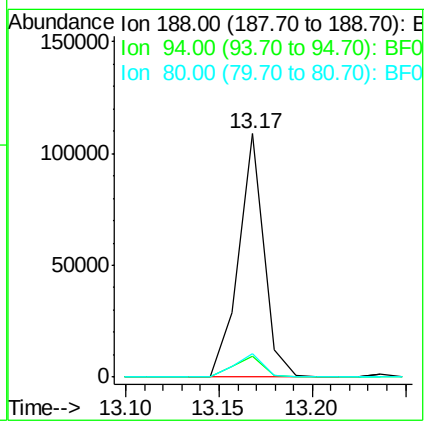
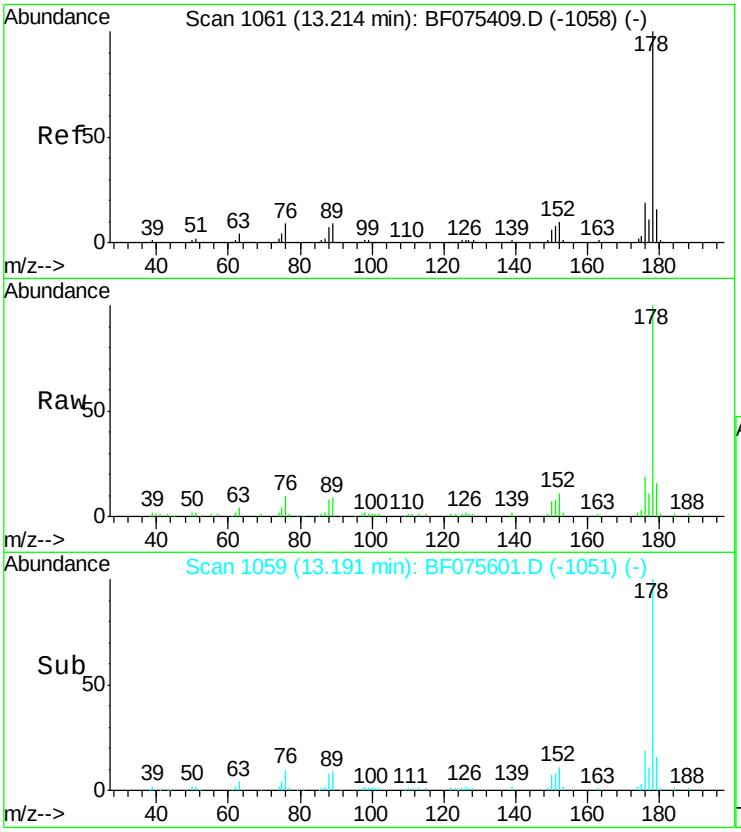


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:188 Resp: 103786

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.8	11.6
80	9.8	8.0	12.0

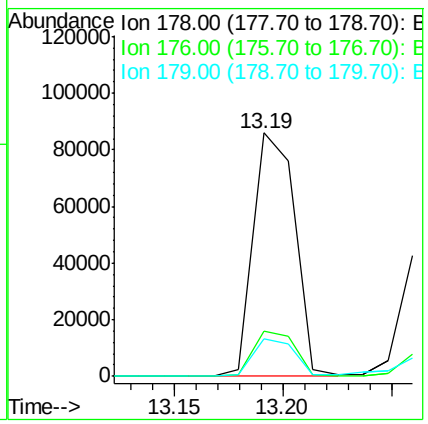




#70
Phenanthrene
Concen: 21.04 ng
RT: 13.19 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:178 Resp: 114913

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.7	12.2	18.4



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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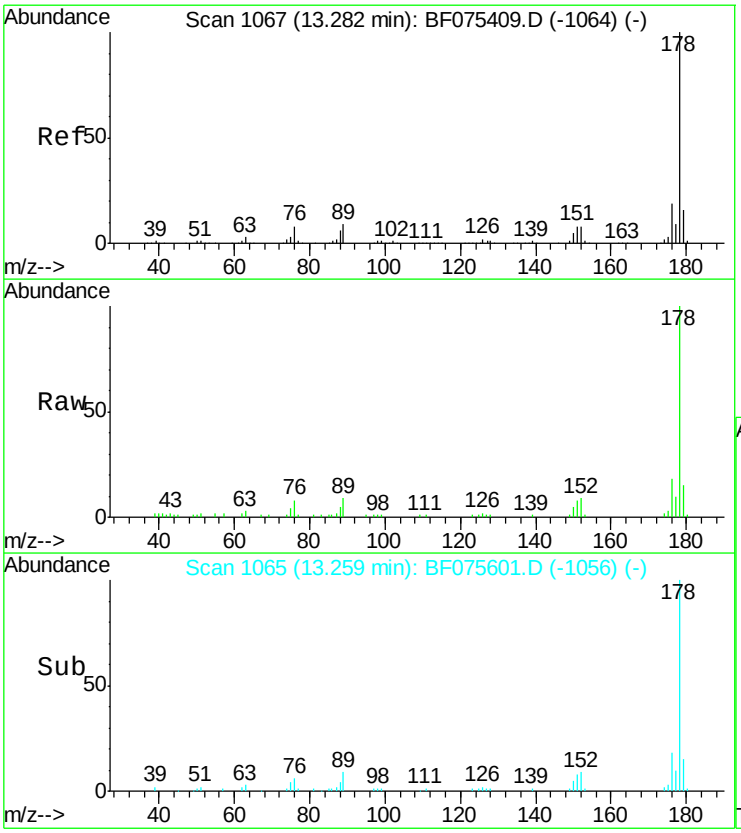
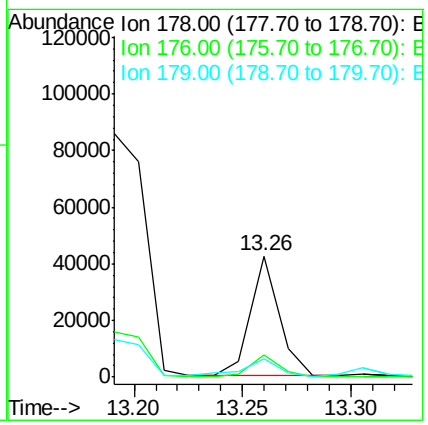
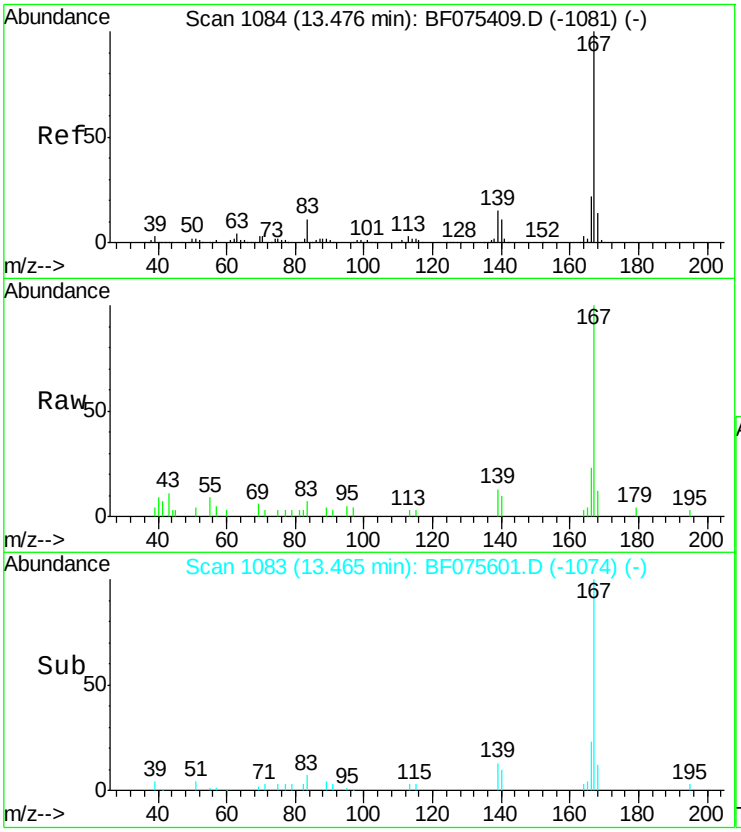


#71
Anthracene
Concen: 6.82 ng
RT: 13.26 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:178 Resp: 38488

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	15.0	12.2	18.2

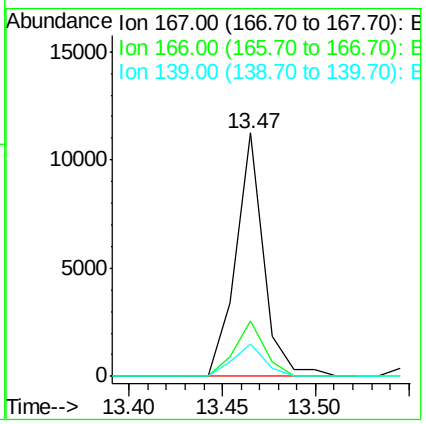




#72
Carbazole
Concen: 2.12 ng
RT: 13.47 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:167 Resp: 11734

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.4	26.0
139	13.3	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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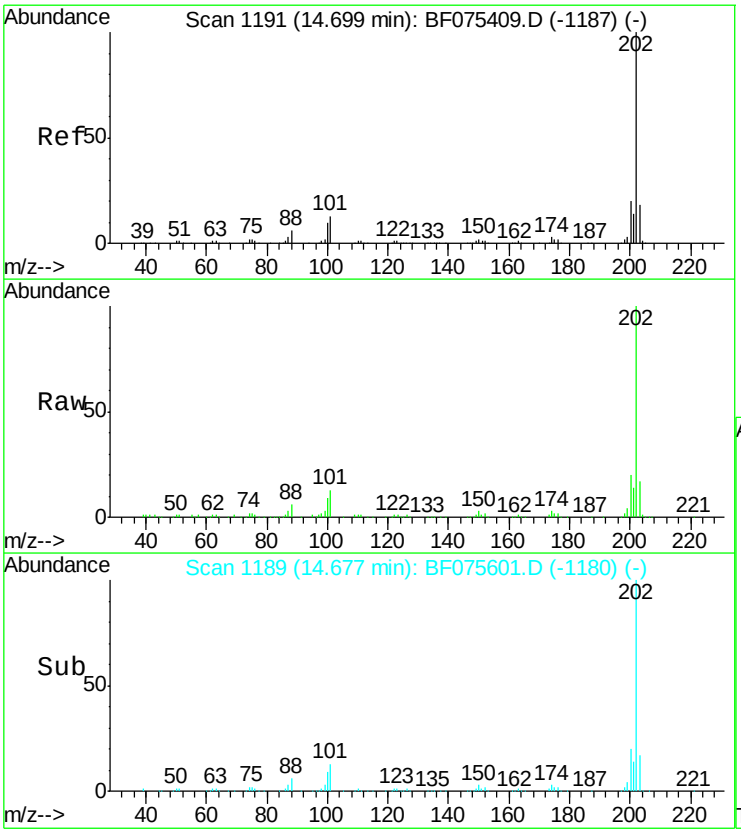
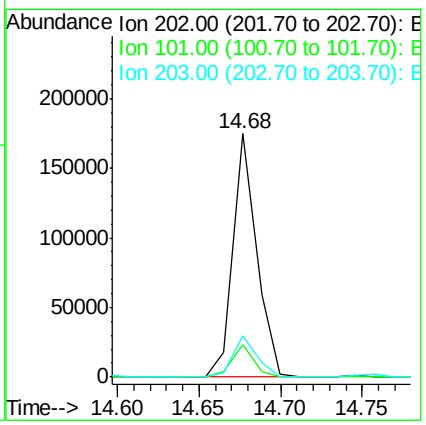
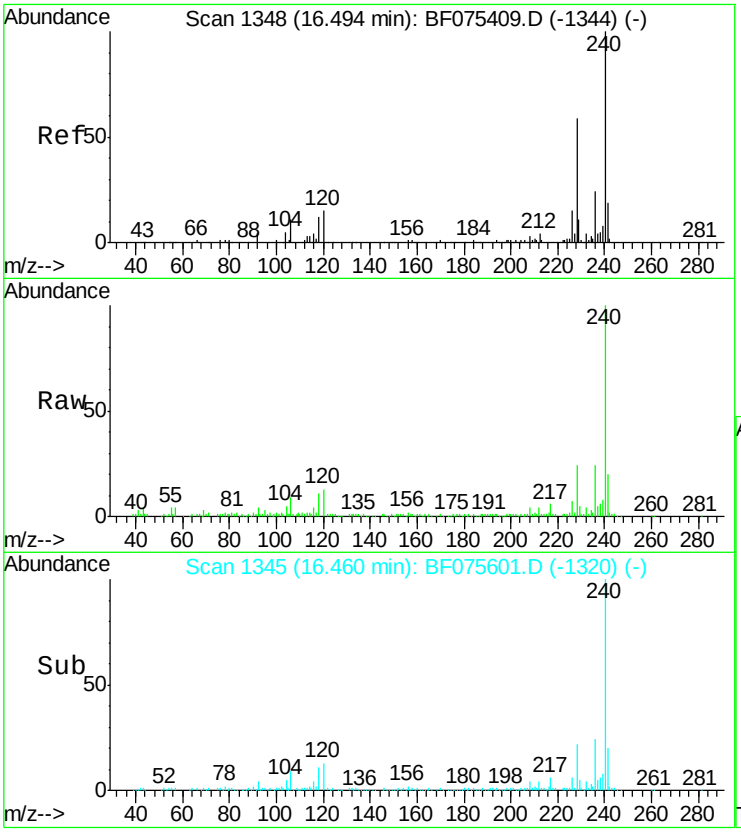


#74
Fluoranthene
Concen: 29.97 ng
RT: 14.68 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:202 Resp: 175310

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	36.6
203	17.1	0.0	38.2

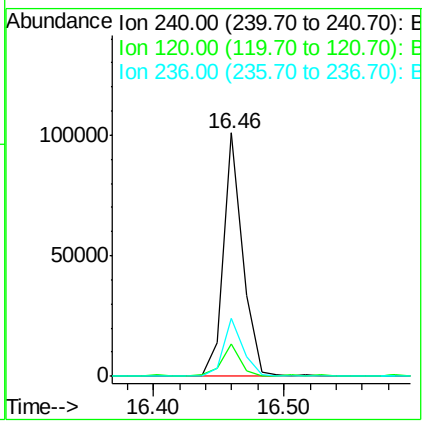




#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.46 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:240 Resp: 104232

Ion	Ratio	Lower	Upper
240	100		
120	13.3	9.6	14.4
236	23.8	18.9	28.3



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

Manual Integrations APPROVED
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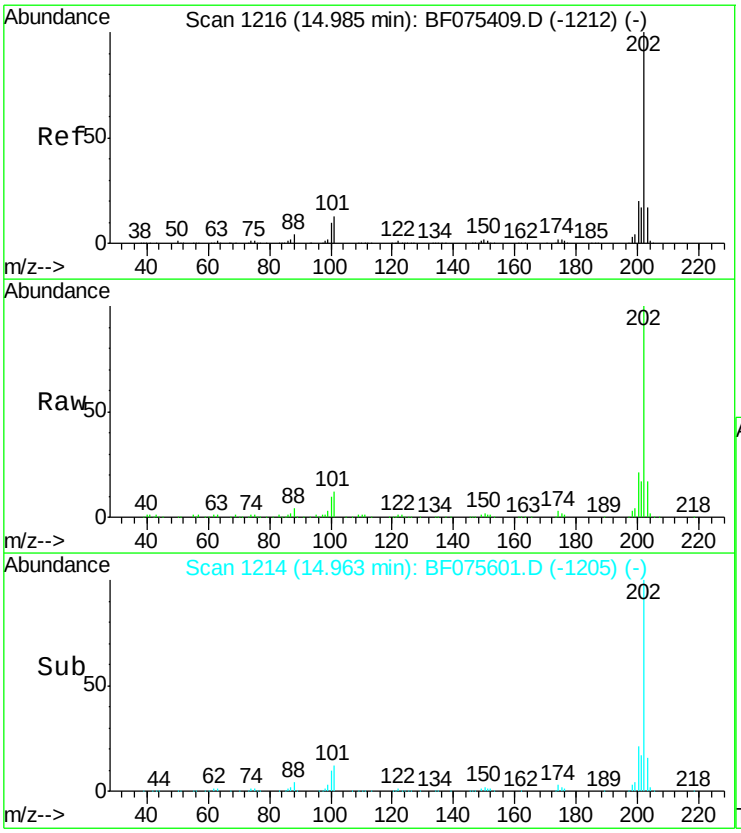
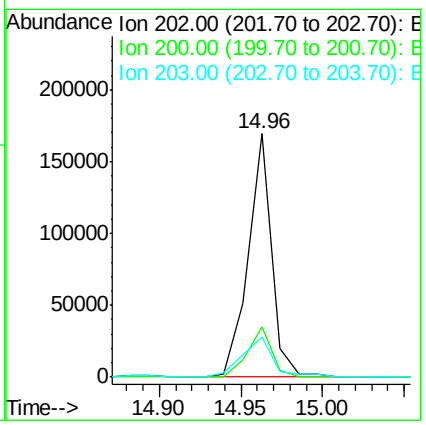
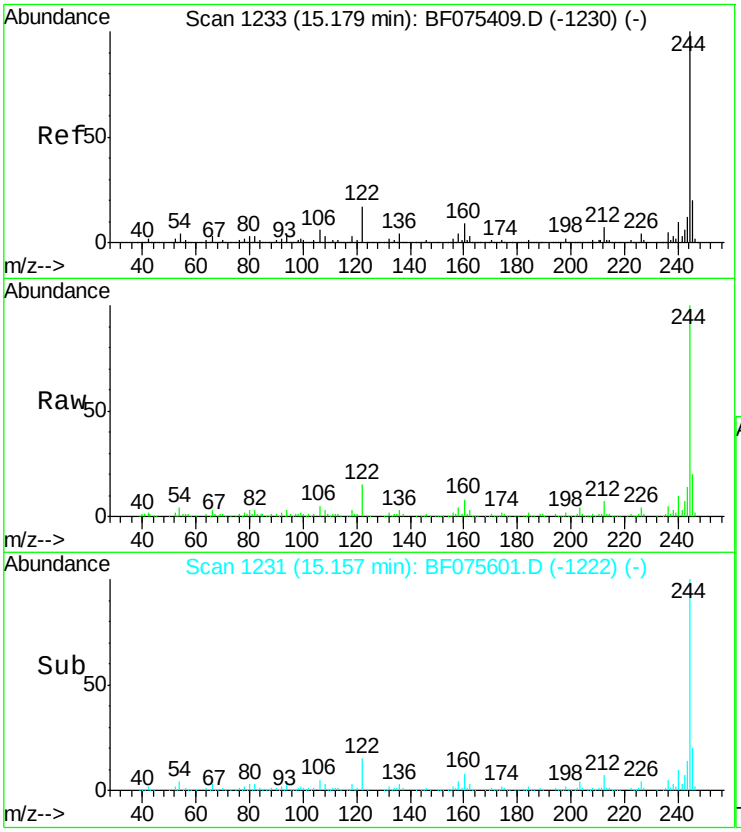


#77
Pyrene
Concen: 27.91 ng
RT: 14.96 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:202 Resp: 169117

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	16.5	14.3	21.5





#78
Terphenyl-d14
Concen: 60.29 ng
RT: 15.16 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:244 Resp: 233435

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	14.7	9.7	14.5#

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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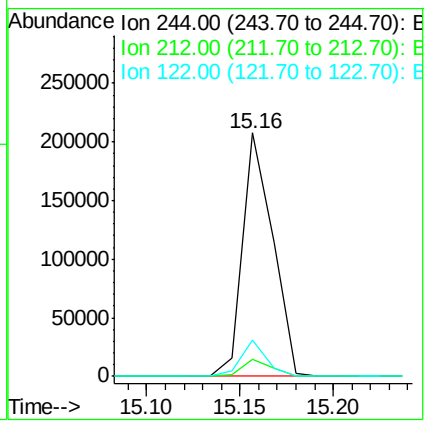
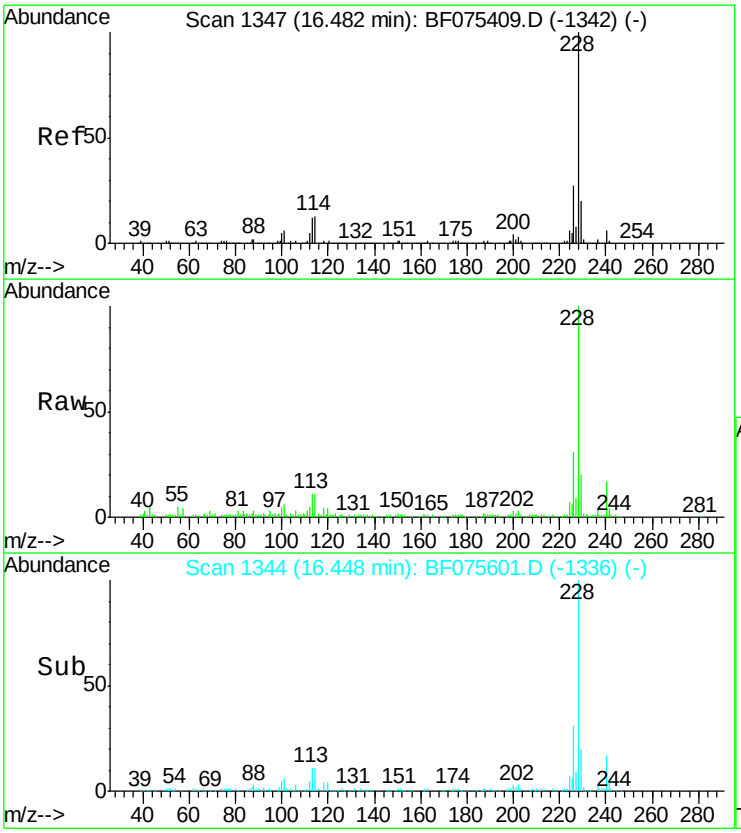
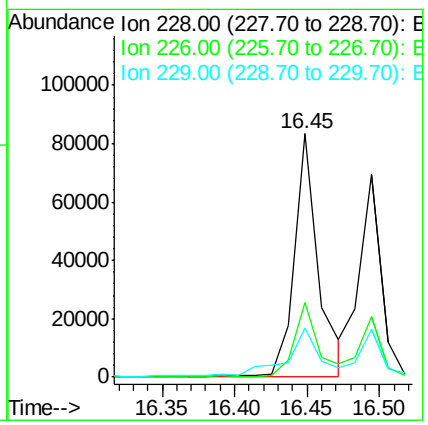


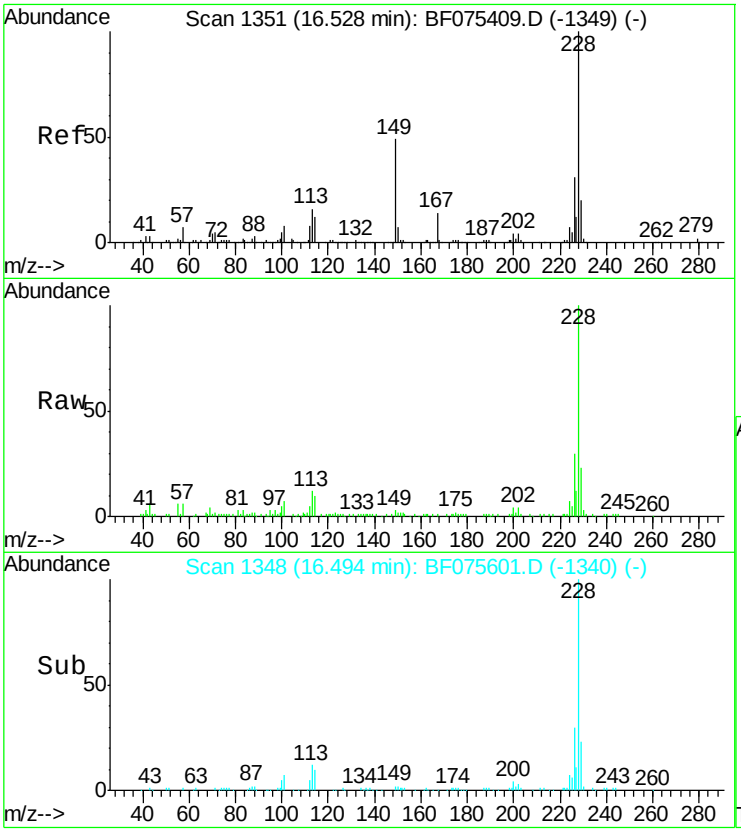


#80
Benzo(a)anthracene
Concen: 17.72 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:228 Resp: 97022

Ion	Ratio	Lower	Upper
228	100		
226	30.6	21.8	32.8
229	20.4	15.3	22.9

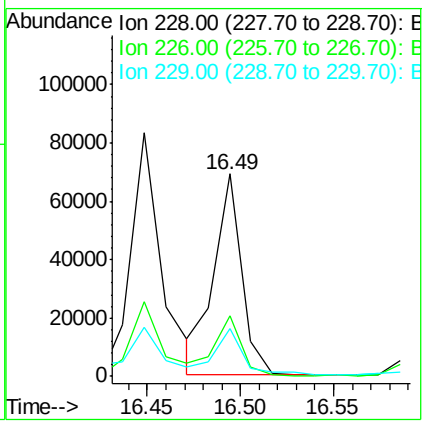




#82
Chrysene
Concen: 15.18 ng
RT: 16.49 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:228 Resp: 71887

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	23.4	15.8	23.6



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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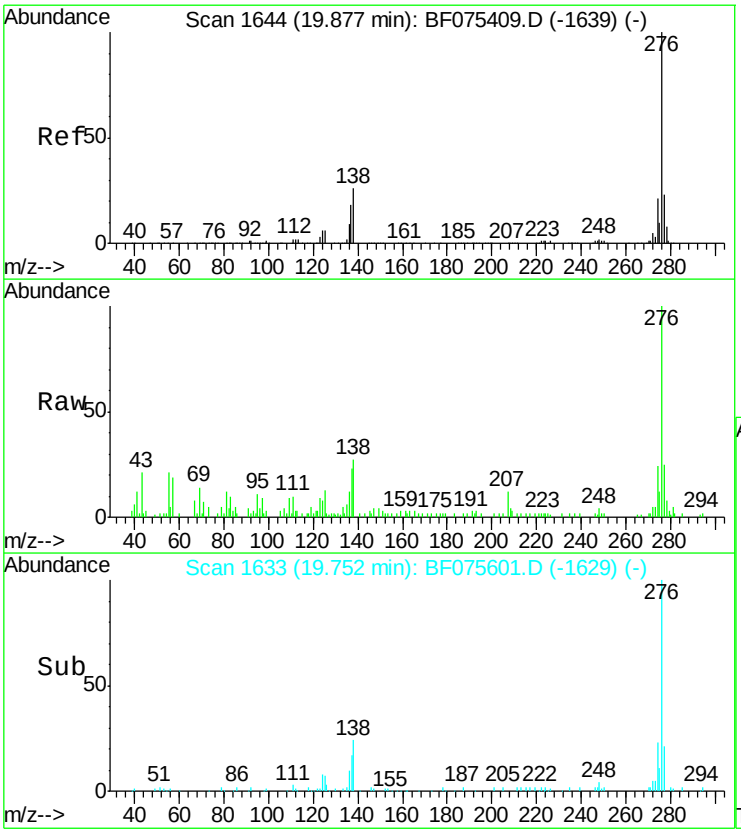
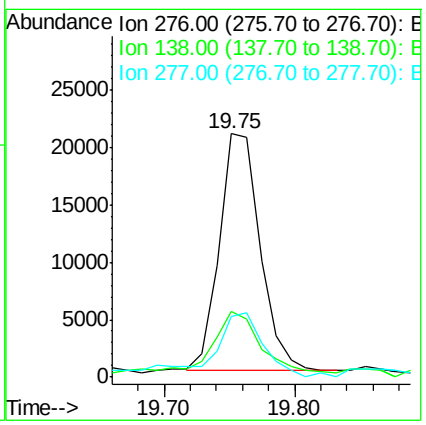
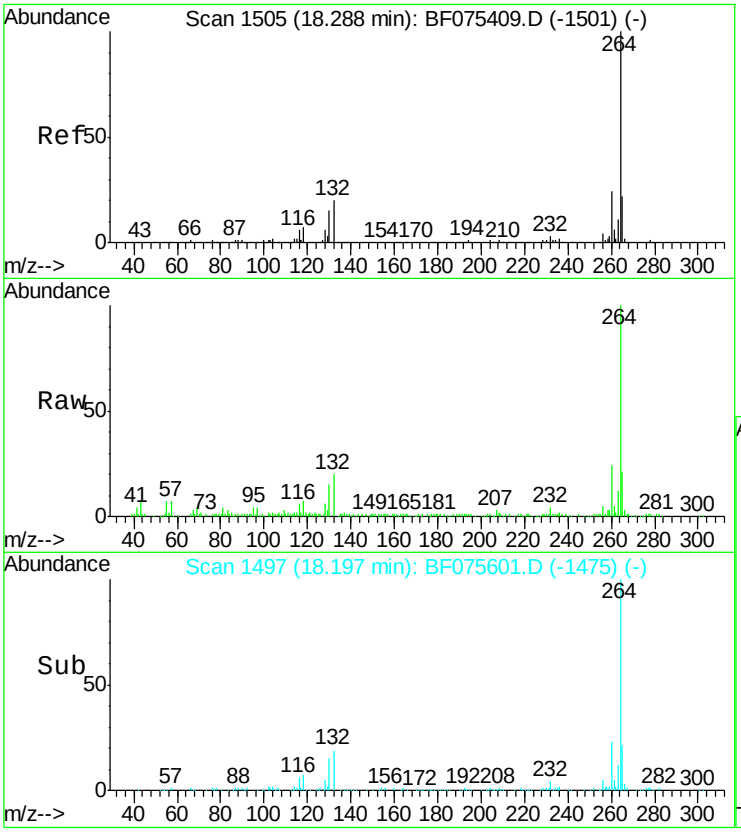


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.73 ng
RT: 19.75 min Scan# 1633
Delta R.T. -0.06 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:276 Resp: 44390

Ion	Ratio	Lower	Upper
276	100		
138	27.7	0.0	0.0#
277	27.9	0.0	0.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.20 min Scan# 1497
Delta R.T. -0.05 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:264 Resp: 110161

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.9	26.9
265	21.3	16.3	24.5

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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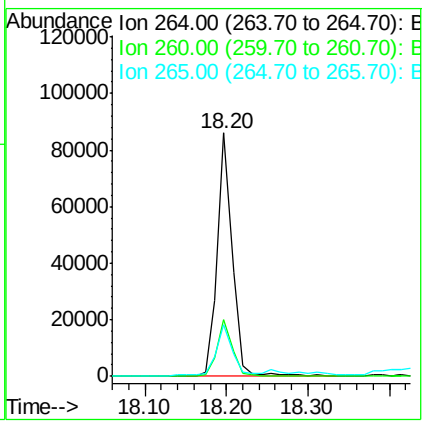
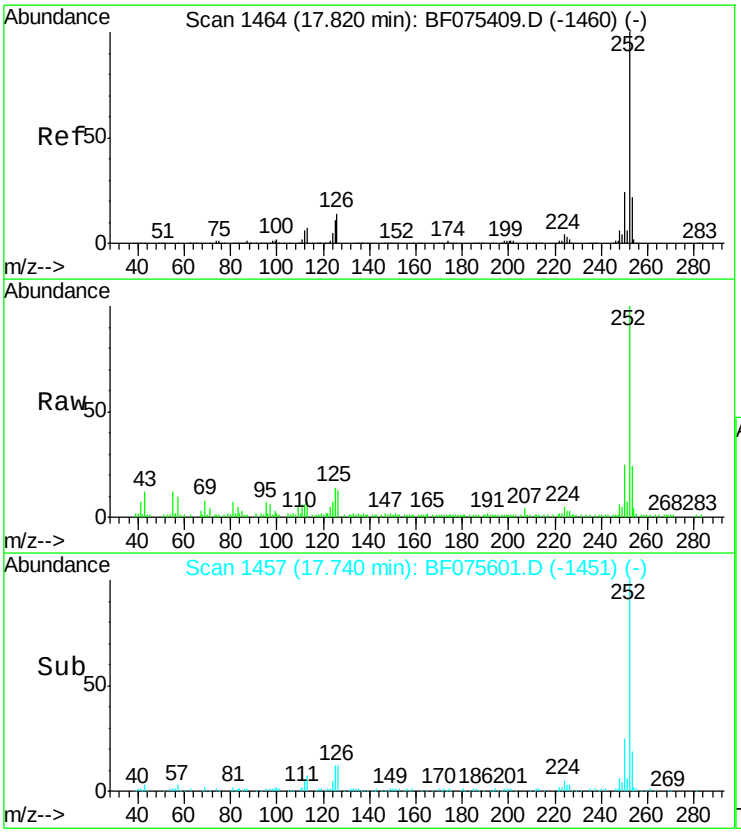
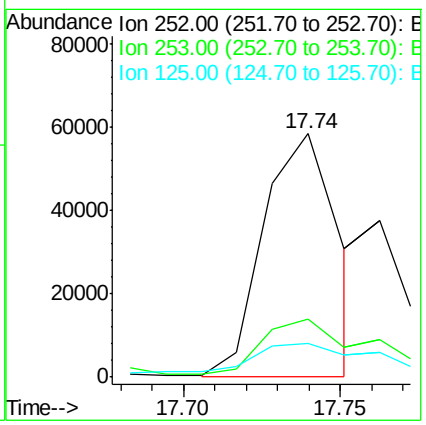


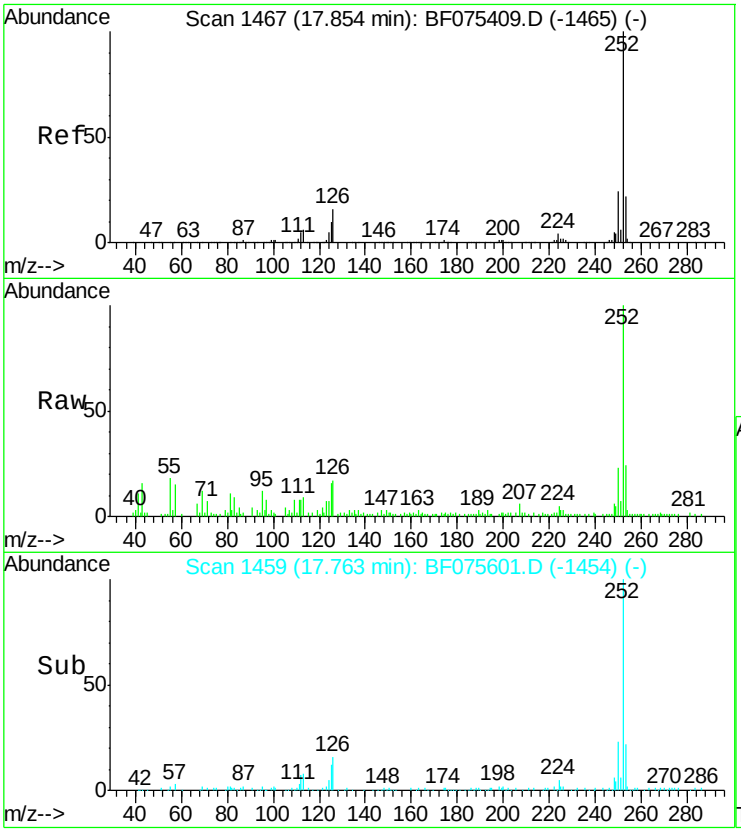


#87
Benzo(b)fluoranthene
Concen: 16.47 ng m
RT: 17.74 min Scan# 1457
Delta R.T. -0.03 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:252 Resp: 97034

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.7	26.5
125	13.6	11.8	17.6

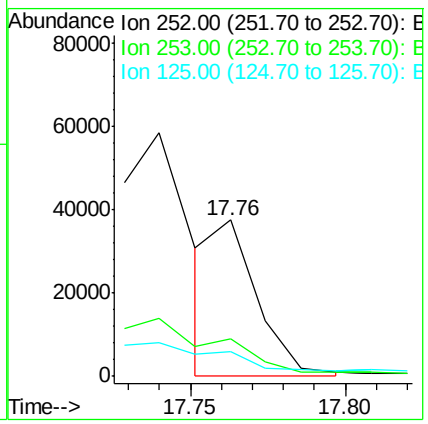




#88
Benzo(k)fluoranthene
Concen: 6.96 ng m
RT: 17.76 min Scan# 1459
Delta R.T. -0.05 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:252 Resp: 36766

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	15.5	11.6	17.4



Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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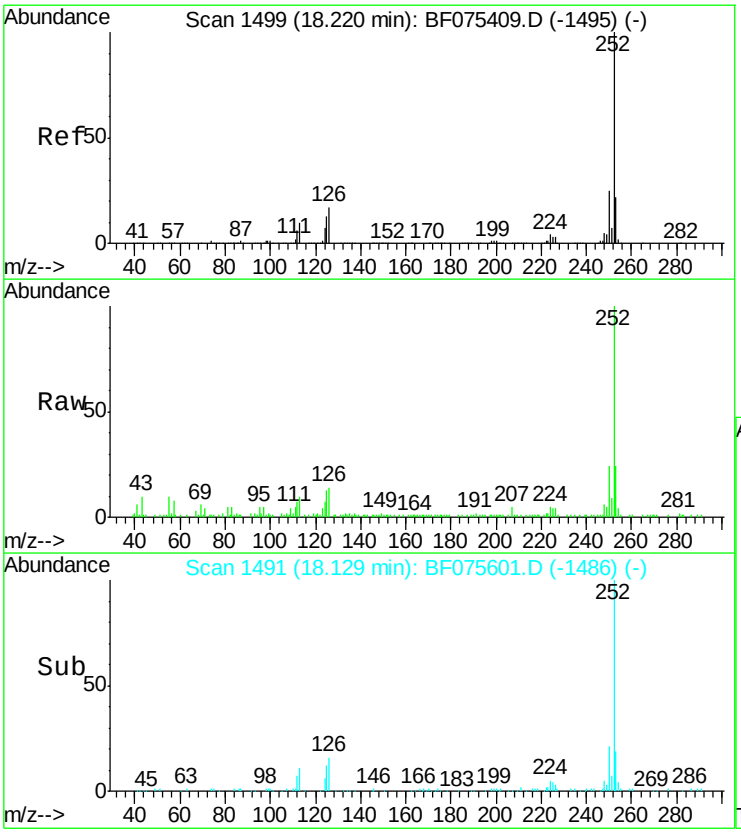
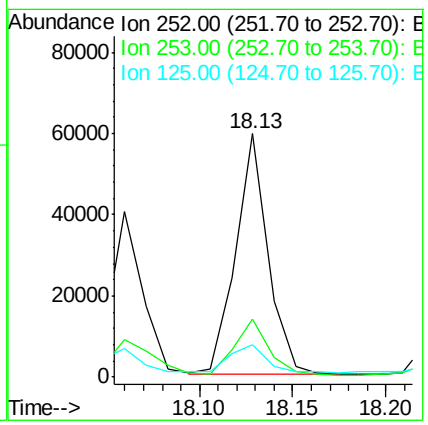
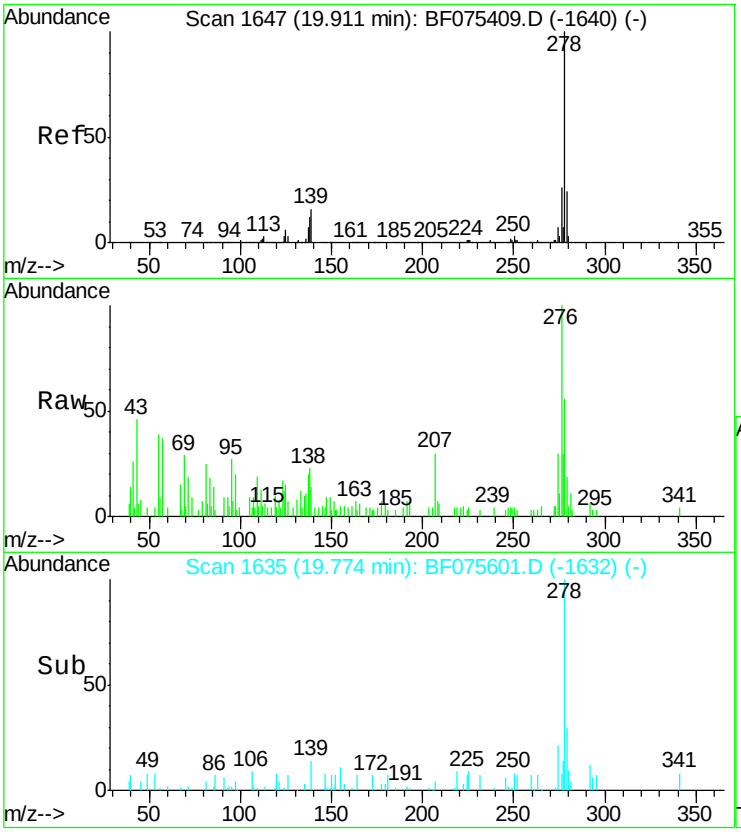


#89
Benzo(a)pyrene
Concen: 13.62 ng
RT: 18.13 min Scan# 1491
Delta R.T. -0.05 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:252 Resp: 71765

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	13.5	12.2	18.4





#90
Dibenzo(a,h)anthracene
Concen: 2.11 ng
RT: 19.77 min Scan# 1635
Delta R.T. -0.07 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:278 Resp: 11638

Ion	Ratio	Lower	Upper
278	100		
139	25.0	13.6	20.4#
279	33.3	19.4	29.0#

Instrument :
BNA_F
ClientSampleId :
HUDPARK-B2-SS1(1-2)

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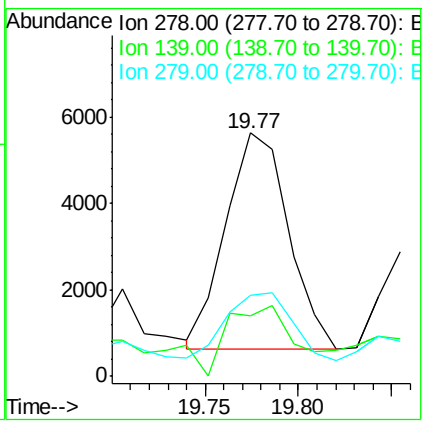

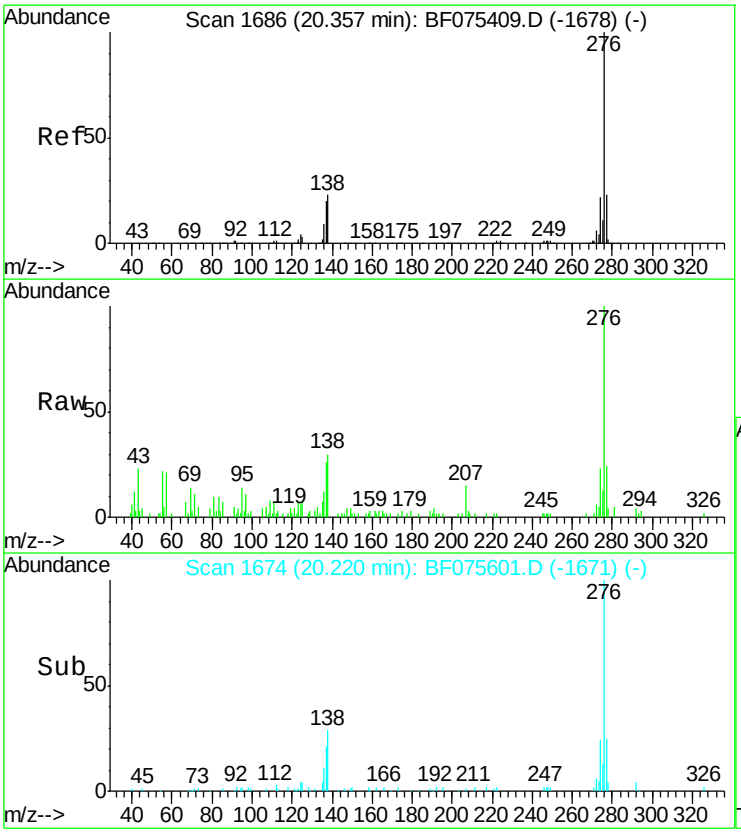

#91
Benzo(g,h,i)perylene
Concen: 8.52 ng
RT: 20.22 min Scan# 1674
Delta R.T. -0.07 min
Lab File: BF075601.D
Acq: 17 Nov 2014 1:22

Tgt Ion:276 Resp: 44702

Ion	Ratio	Lower	Upper
276	100		
277	23.8	17.8	26.8
138	29.9	22.8	34.2