Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077061.D
Acq On : 26 Jan 2015 19:48
Operator : TP/IZ
Sample : G1138-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
275B1B

Manual Integrations APPROVED
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1/28/2015 5:40:49 PM

Quant Time: Jan 27 01:40:25 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 27 01:21:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	22518	20.00	ng		0.01
21) Naphthalene-d8	10.70	136	88867	20.00	ng		0.02
38) Acenaphthene-d10	14.86	164	39579	20.00	ng		0.06
63) Phenanthrene-d10	17.67	188	78256	20.00	ng		0.03
75) Chrysene-d12	21.15	240	76012	20.00	ng		0.00
86) Perylene-d12	22.78	264	71153	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	186528	136.19	ng		0.00
7) Phenol-d6	7.18	99	231444	133.96	ng		0.01
23) Nitrobenzene-d5	9.09	82	146360	91.24	ng		0.02
41) 2,4,6-Tribromophenol	16.57	330	49222	153.21	ng		0.06
44) 2-Fluorobiphenyl	13.36	172	265896	102.24	ng		0.03
78) Terphenyl-d14	19.90	244	282477	85.55	ng		0.02
Target Compounds							Qvalue
31) Naphthalene	10.76	128	1089404	238.11	ng	#	94
37) 2-Methylnaphthalene	12.45	142	2519492m	806.36	ng		
51) Acenaphthene	14.93	154	100745	43.60	ng	#	84
54) Dibenzofuran	15.36	168	86392	25.67	ng		95
57) Fluorene	16.11	166	236851	83.05	ng	#	80
70) Phenanthrene	17.72	178	733970	150.40	ng		96
74) Fluoranthene	19.35	202	30842	6.17	ng	#	59
77) Pyrene	19.64	202	145905	28.01	ng	#	79

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
Data File : BF077061.D
Acq On : 26 Jan 2015 19:48
Operator : TP/IZ
Sample : G1138-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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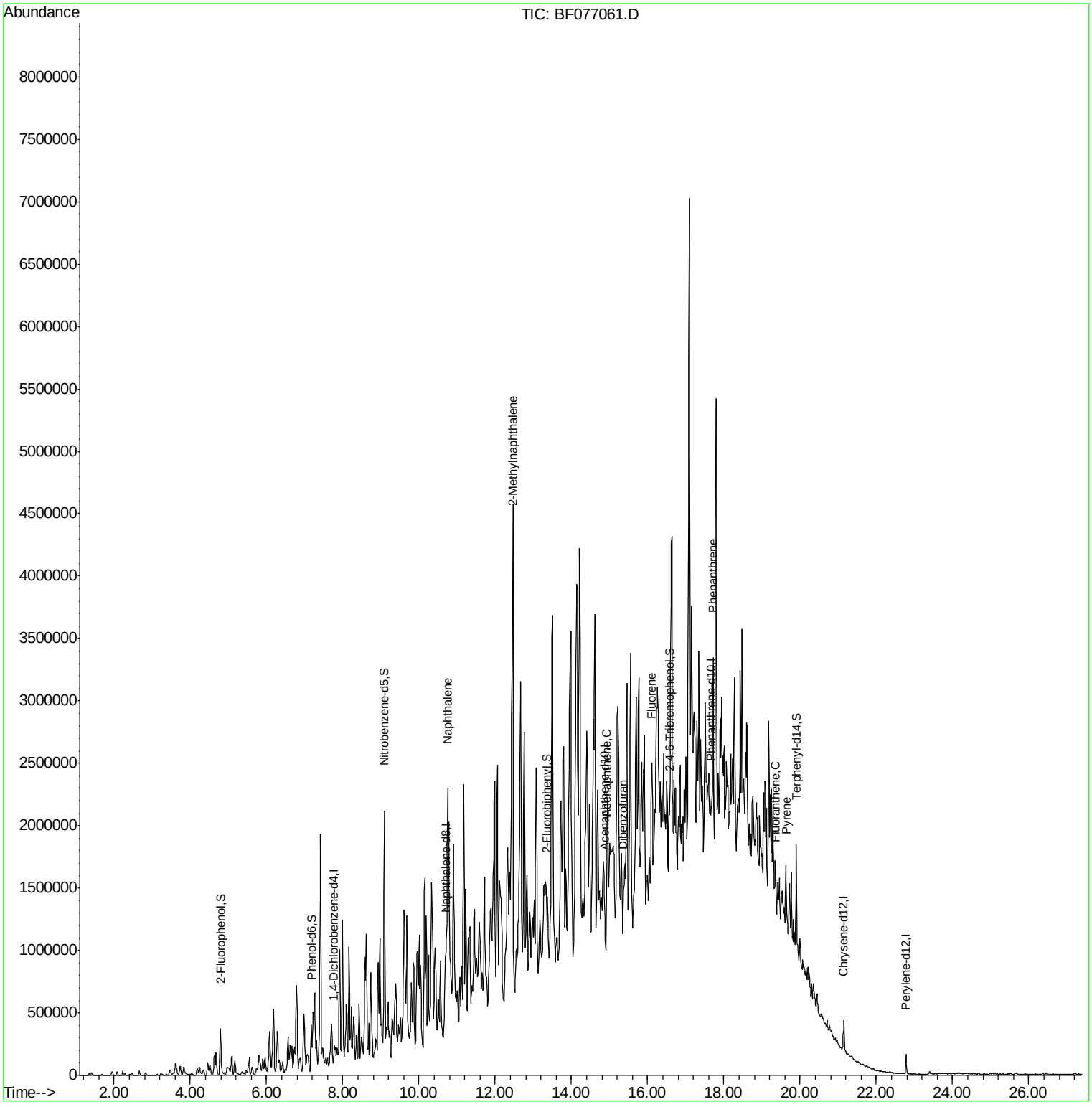
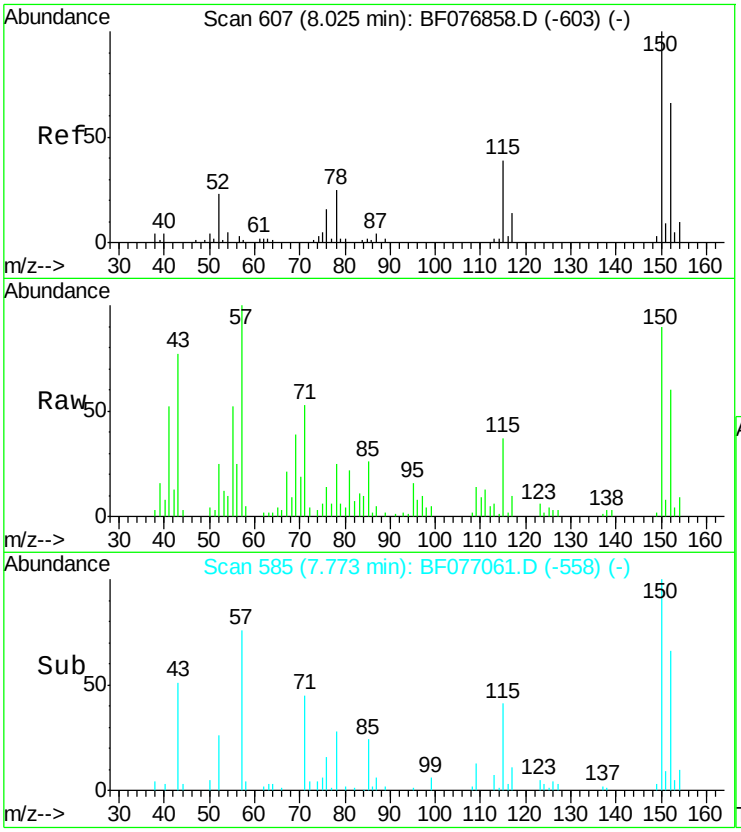
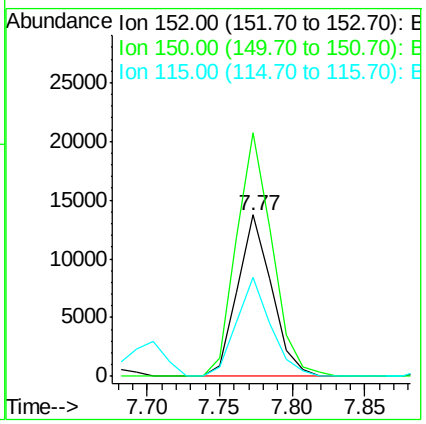




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:152 Resp: 22518

Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.7	182.5
115	61.3	47.0	70.6



Instrument :
BNA_F
ClientSampleId :
275B1B

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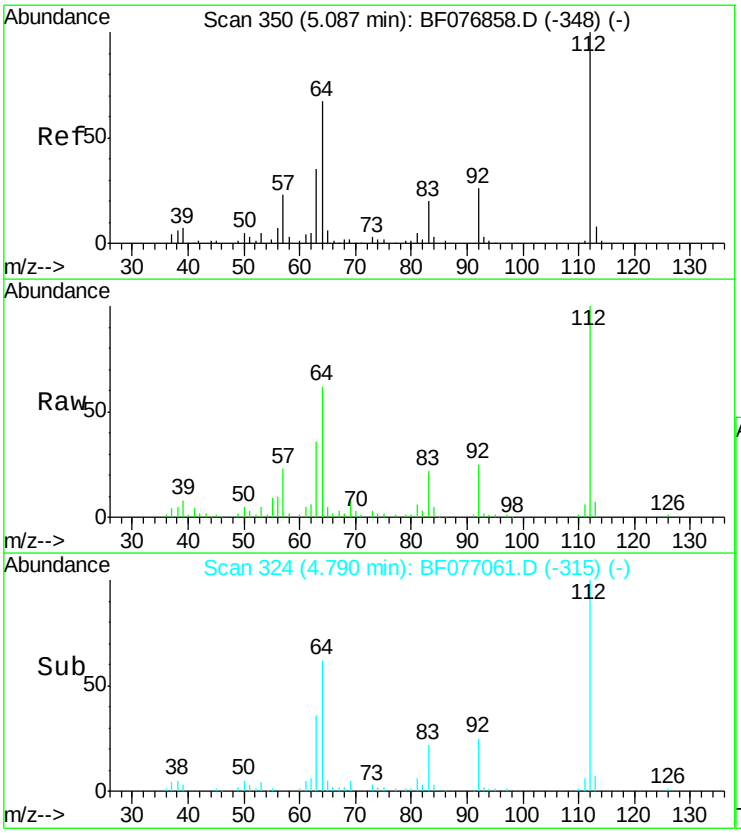
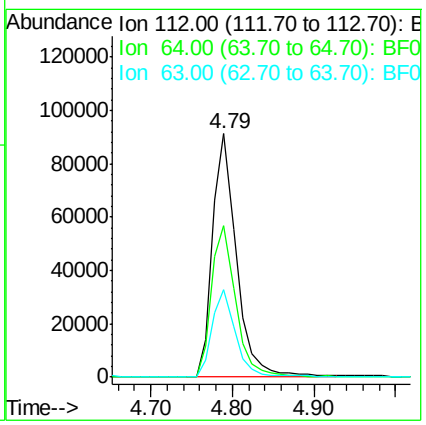
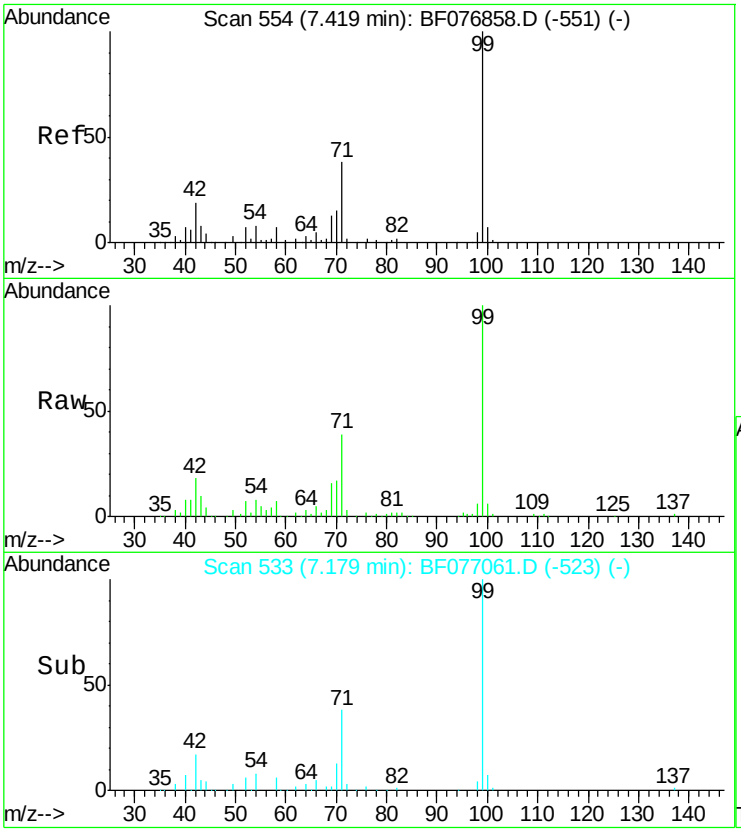


#5
2-Fluorophenol
Concen: 136.19 ng
RT: 4.79 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:112 Resp: 186528

Ion	Ratio	Lower	Upper
112	100		
64	62.3	54.2	81.4
63	35.8	28.4	42.6

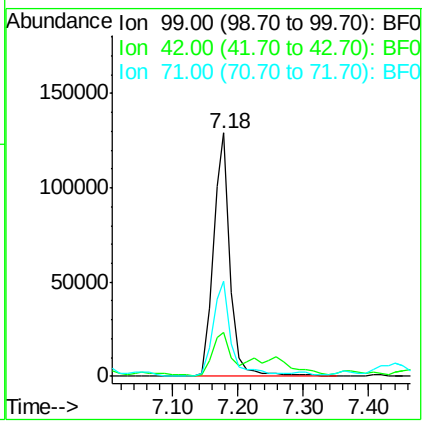




#7
Phenol-d6
Concen: 133.96 ng
RT: 7.18 min Scan# 533
Delta R.T. 0.01 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion: 99 Resp: 231444

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	39.1	30.5	45.7



Instrument :
BNA_F
ClientSampleId :
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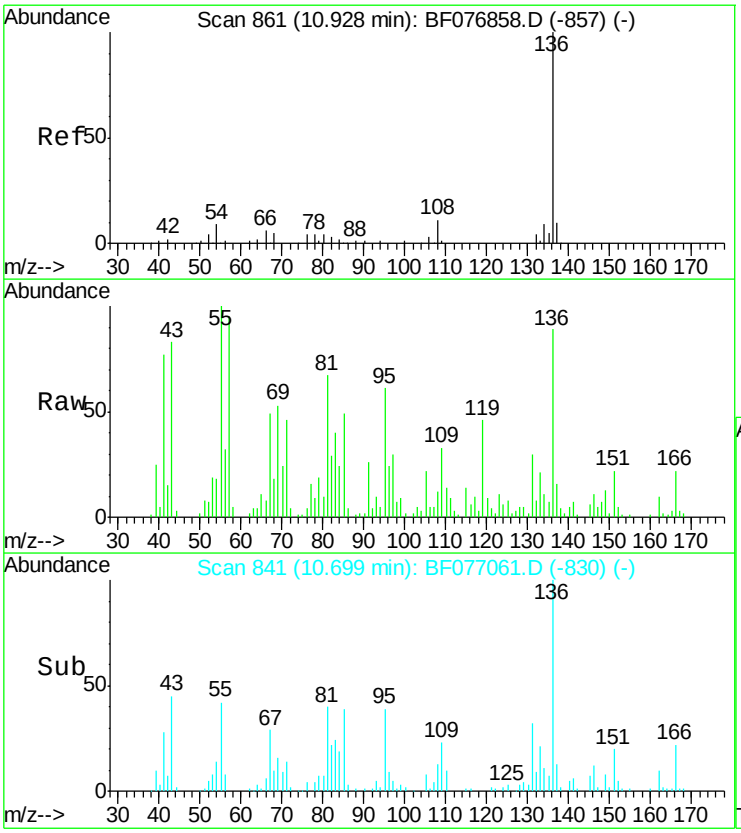
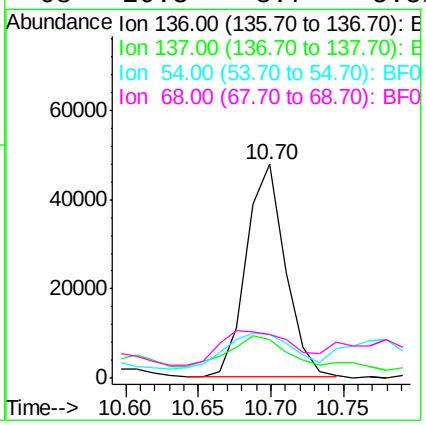
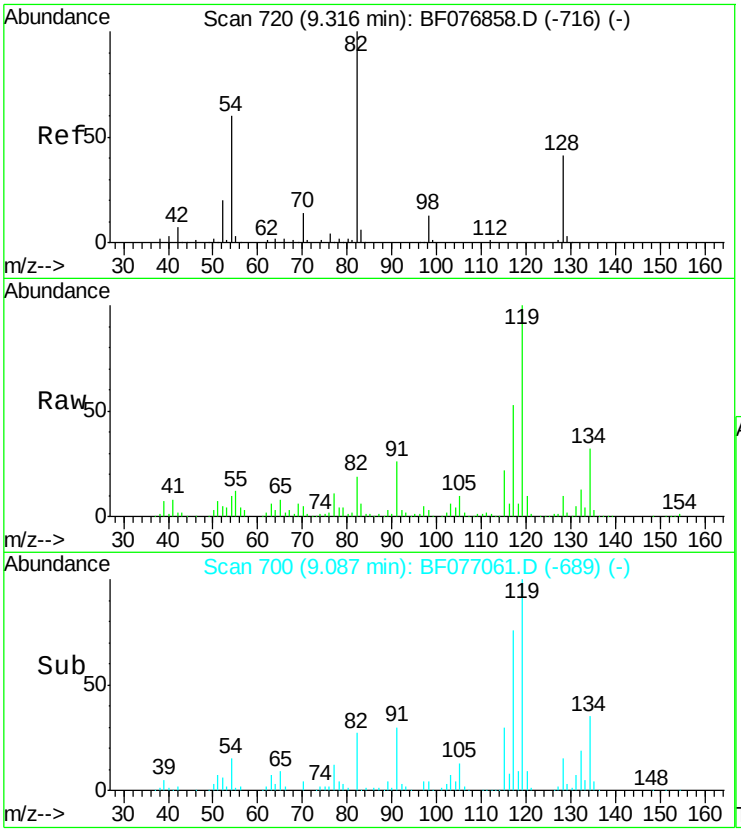


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.70 min Scan# 841
Delta R.T. 0.02 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:136 Resp: 88867

Ion	Ratio	Lower	Upper
136	100		
137	18.0	8.1	12.1#
54	20.4	7.0	10.4#
68	20.3	3.7	5.5#

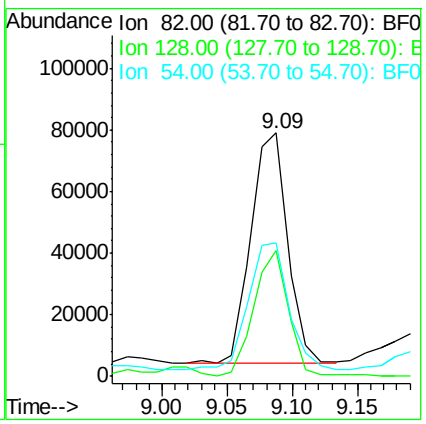




#23
Nitrobenzene-d5
Concen: 91.24 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion: 82 Resp: 146360

Ion	Ratio	Lower	Upper
82	100		
128	51.9	33.1	49.7#
54	54.6	48.3	72.5



Instrument :
BNA_F
ClientSampleId :
275B1B

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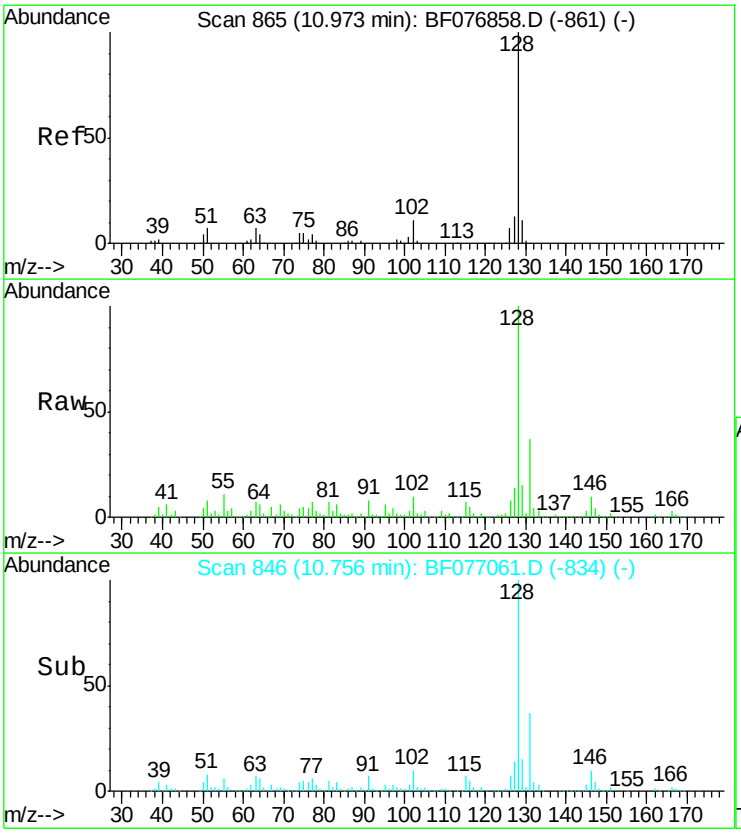
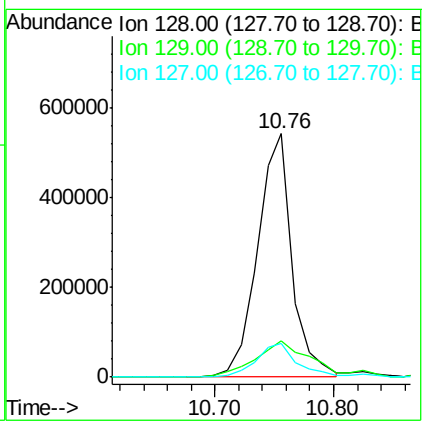
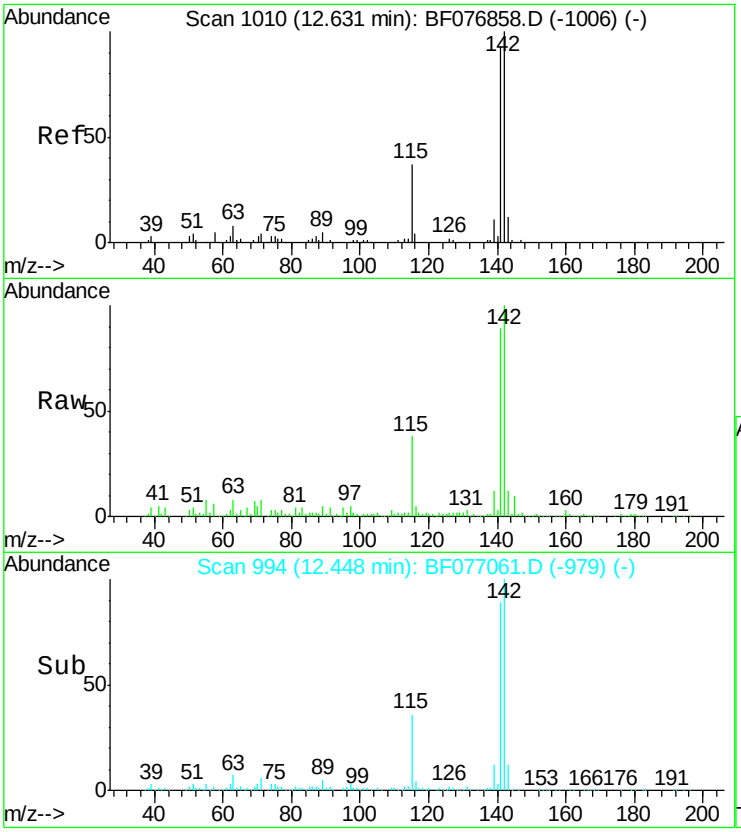


#31
Naphthalene
Concen: 238.11 ng
RT: 10.76 min Scan# 846
Delta R.T. 0.03 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:128 Resp: 1089404

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.0	13.6#
127	13.9	10.2	15.2

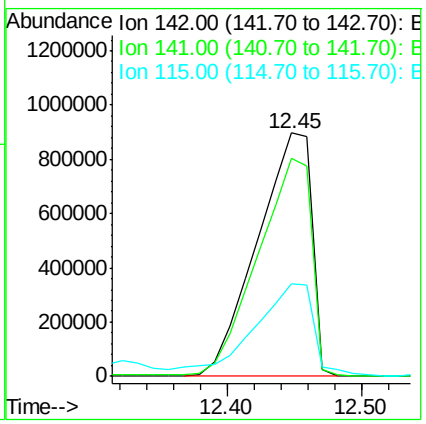




#37
2-Methylnaphthalene
Concen: 806.36 ng m
RT: 12.45 min Scan# 994
Delta R.T. 0.07 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:142 Resp: 2519492

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.5	111.7
115	38.1	29.7	44.5



Instrument :
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ClientSampleId :
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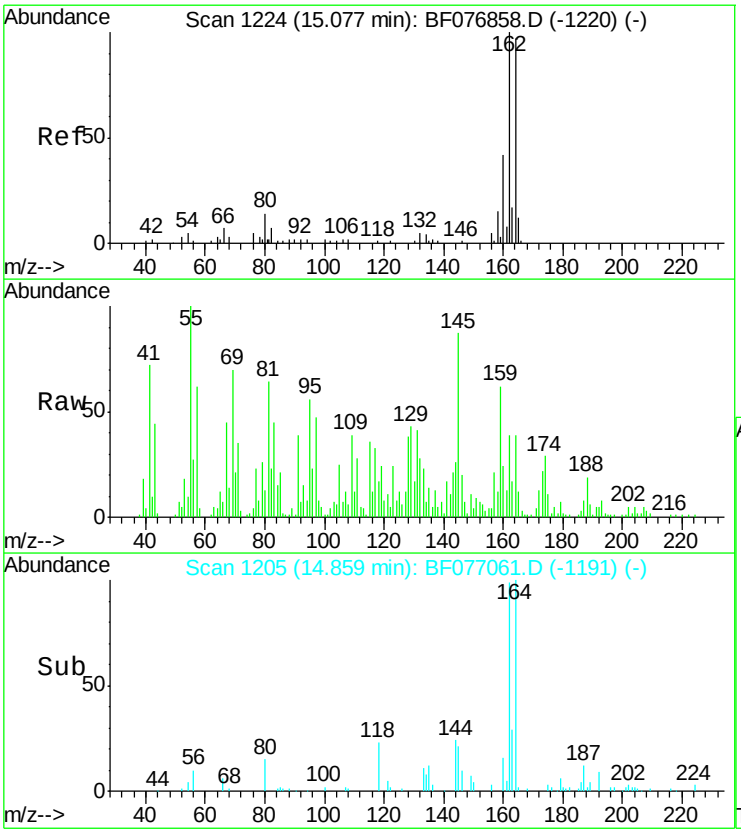
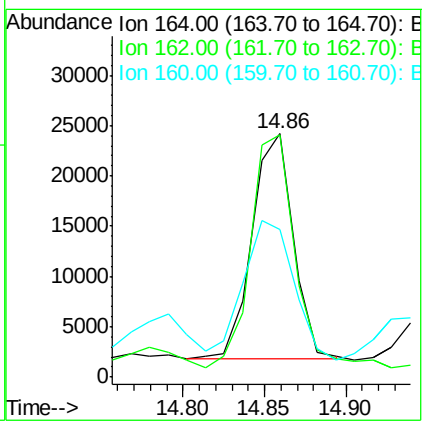
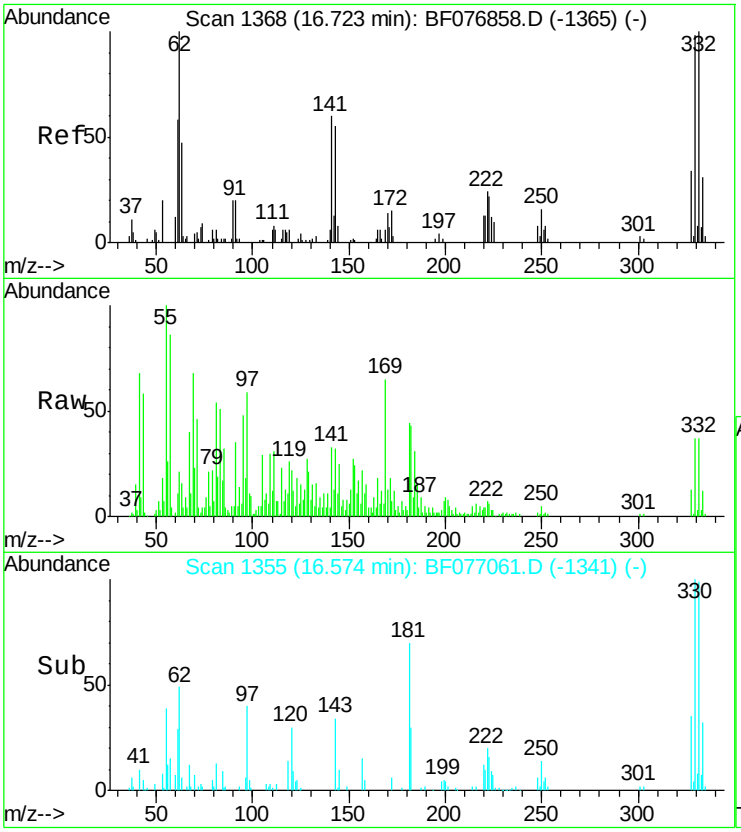


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.86 min Scan# 1205
Delta R.T. 0.06 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:164 Resp: 39579

Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	60.6	34.8	52.2#





#41
2,4,6-Tribromophenol
Concen: 153.21 ng
RT: 16.57 min Scan# 1355
Delta R.T. 0.06 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:330 Resp: 49222

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.6
141	72.1	38.5	57.7#

Instrument :
BNA_F
ClientSampleId :
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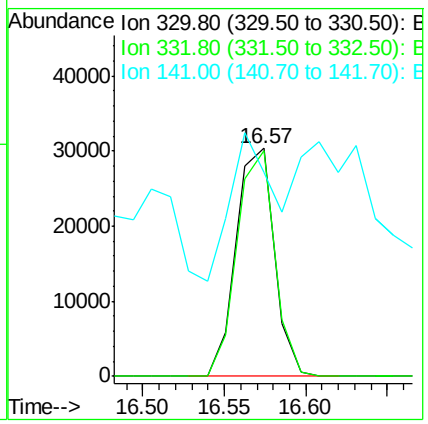
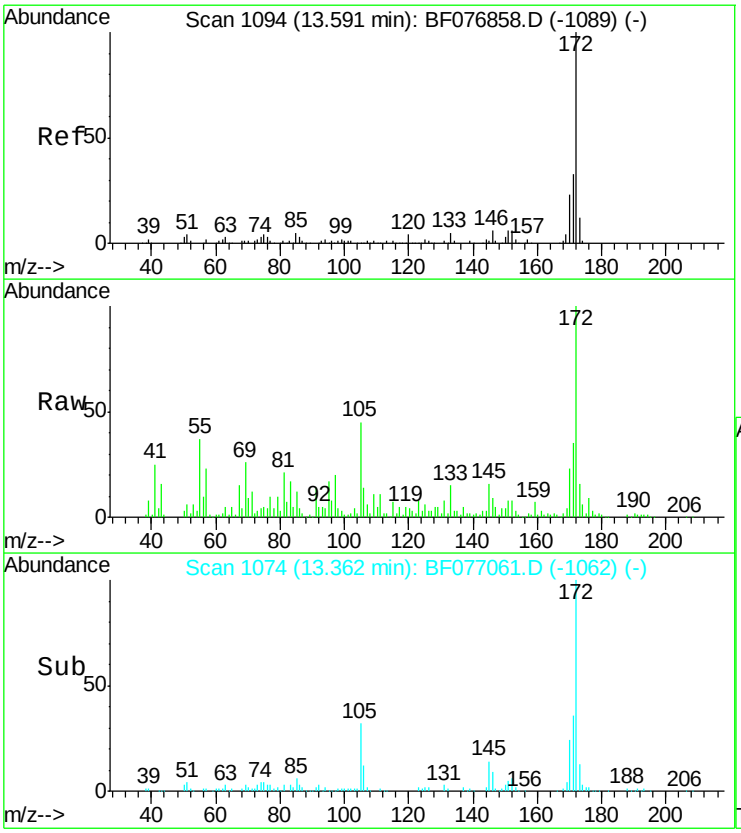
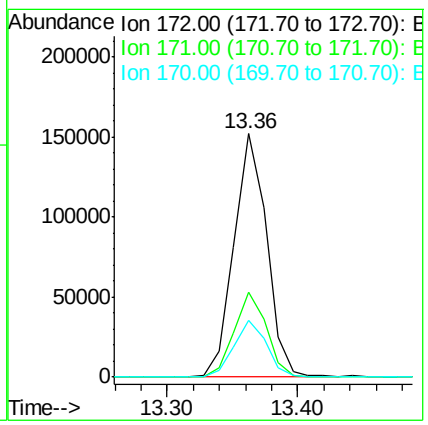


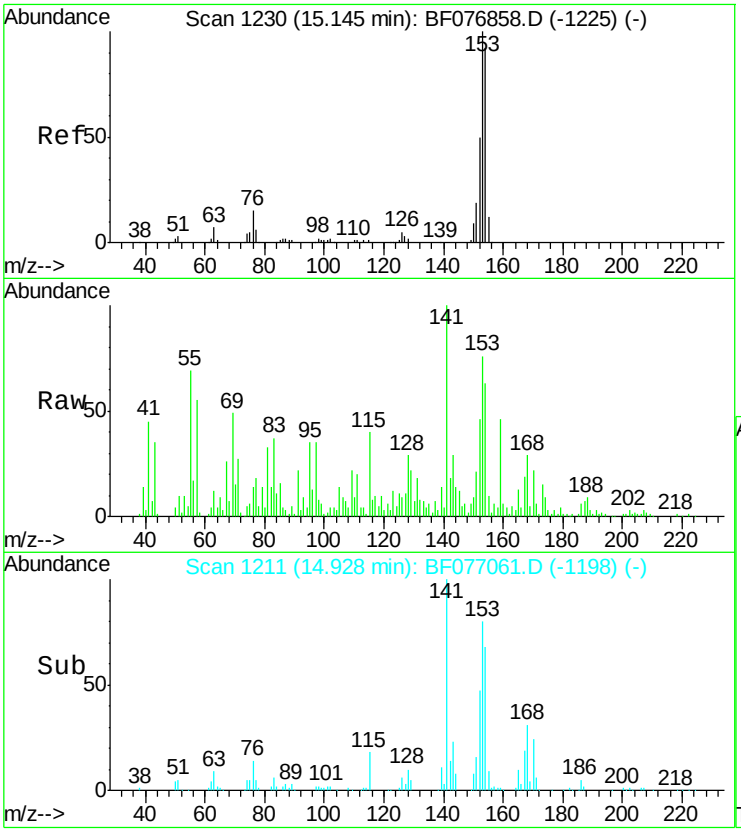


#44
2-Fluorobiphenyl
Concen: 102.24 ng
RT: 13.36 min Scan# 1074
Delta R.T. 0.03 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:172 Resp: 265896

Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.6	40.0
170	23.3	18.0	27.0

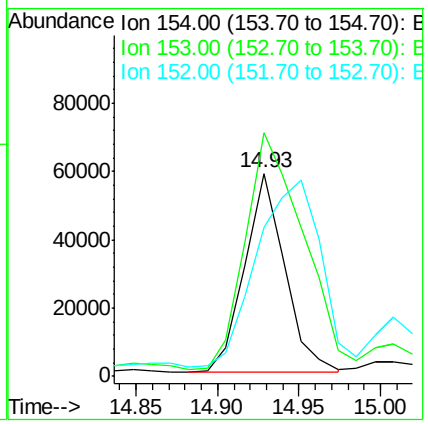




#51
Acenaphthene
Concen: 43.60 ng
RT: 14.93 min Scan# 1211
Delta R.T. 0.05 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:154 Resp: 100745

Ion	Ratio	Lower	Upper
154	100		
153	120.0	87.0	130.6
152	73.3	43.5	65.3#



Instrument :
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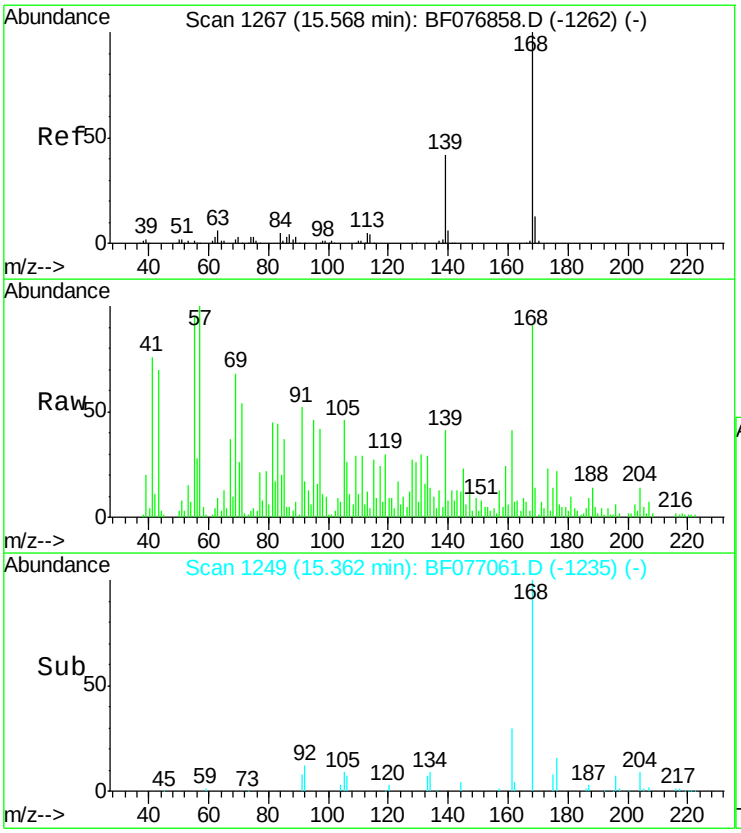
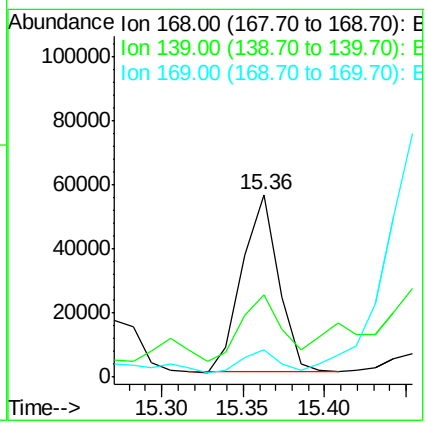
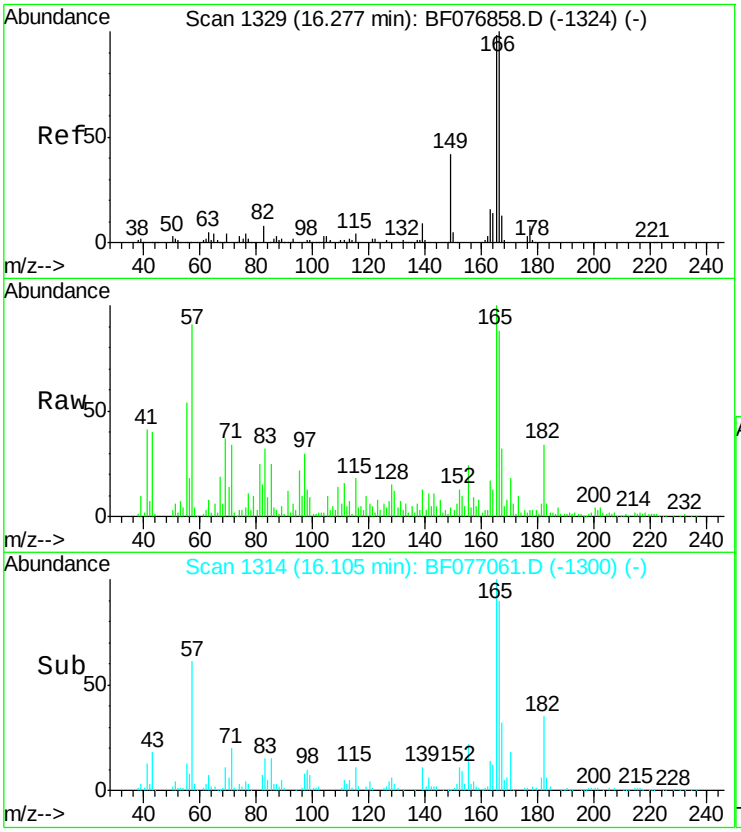


#54
Dibenzofuran
Concen: 25.67 ng
RT: 15.36 min Scan# 1249
Delta R.T. 0.06 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:168 Resp: 86392

Ion	Ratio	Lower	Upper
168	100		
139	45.3	33.4	50.2
169	15.1	10.6	15.8





#57
Fluorene
Concen: 83.05 ng
RT: 16.11 min Scan# 1314
Delta R.T. 0.06 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:166 Resp: 236851

Ion	Ratio	Lower	Upper
166	100		
165	113.2	78.5	117.7
167	36.5	10.4	15.6#

Instrument :
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ClientSampleId :
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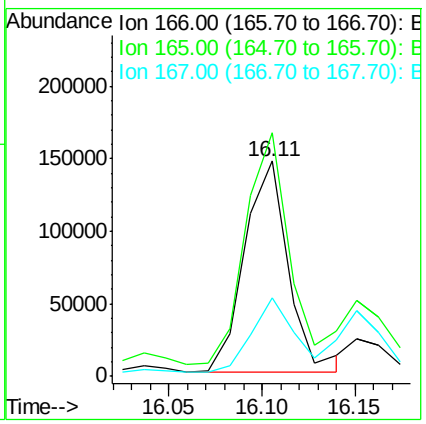
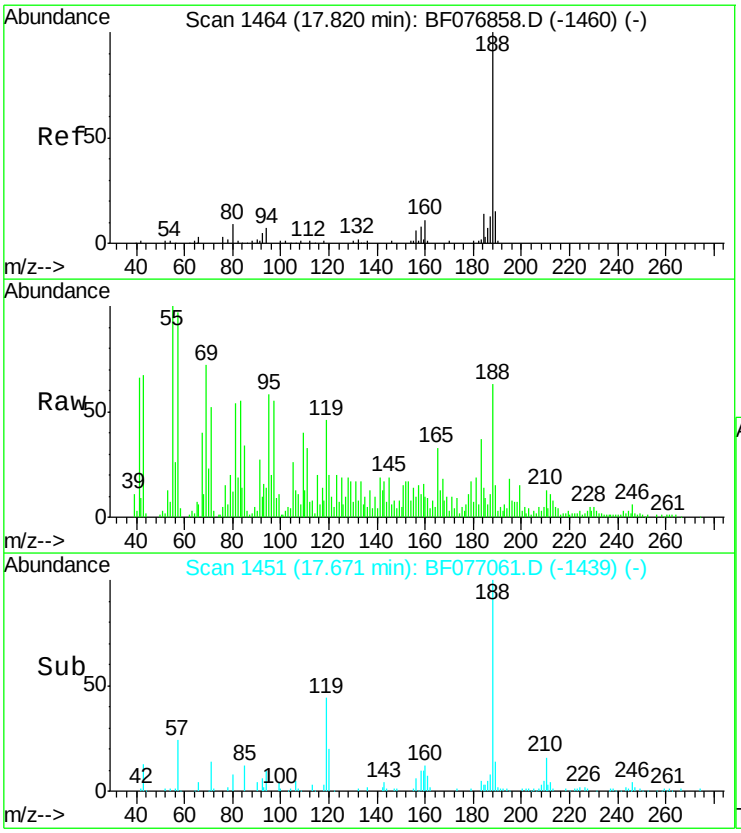
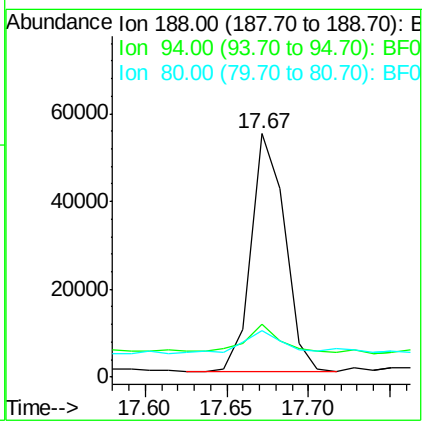


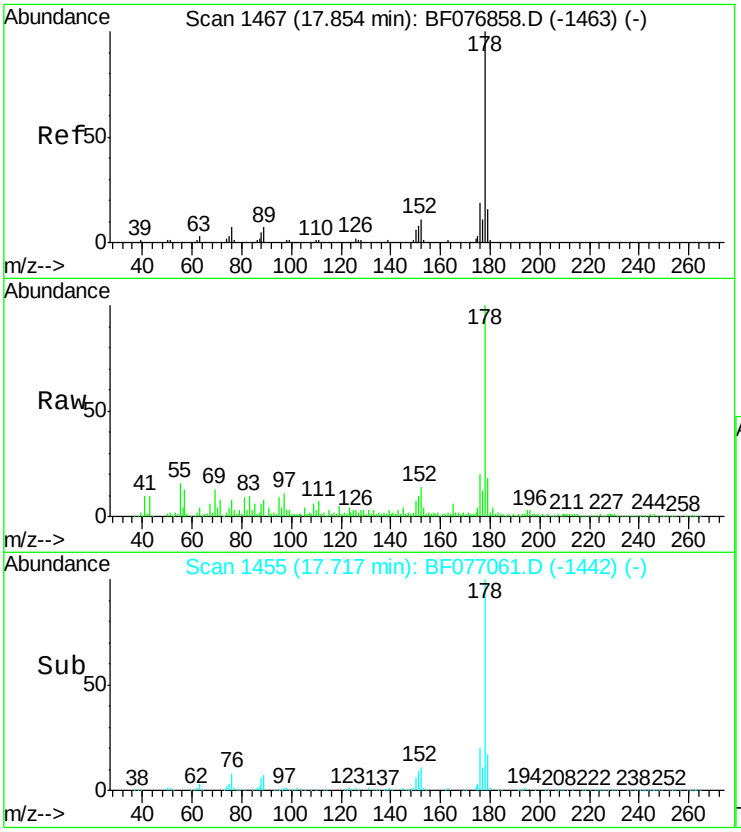


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.67 min Scan# 1451
Delta R.T. 0.03 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:188 Resp: 78256

Ion	Ratio	Lower	Upper
188	100		
94	21.7	6.0	9.0#
80	18.9	6.9	10.3#

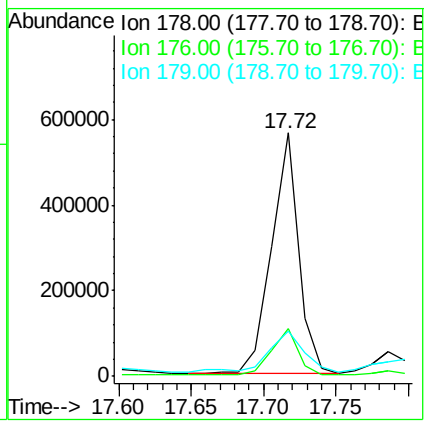




#70
Phenanthrene
Concen: 150.40 ng
RT: 17.72 min Scan# 1455
Delta R.T. 0.05 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:178 Resp: 733970

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	18.5	12.7	19.1



Instrument :
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ClientSampleId :
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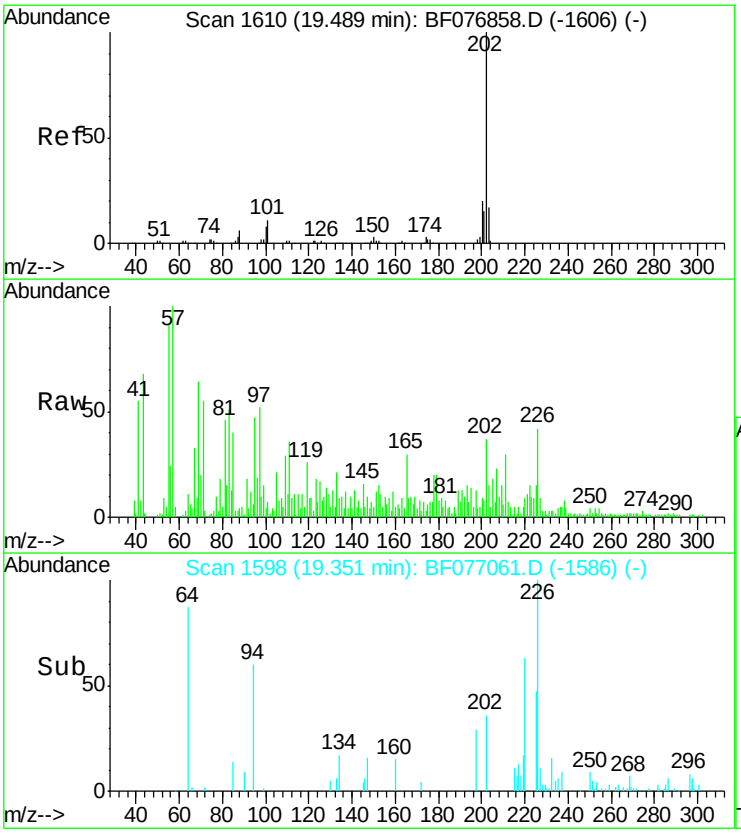
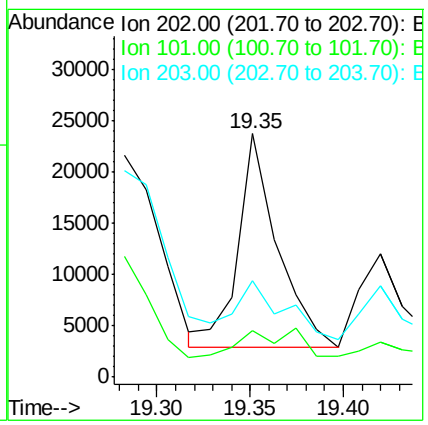
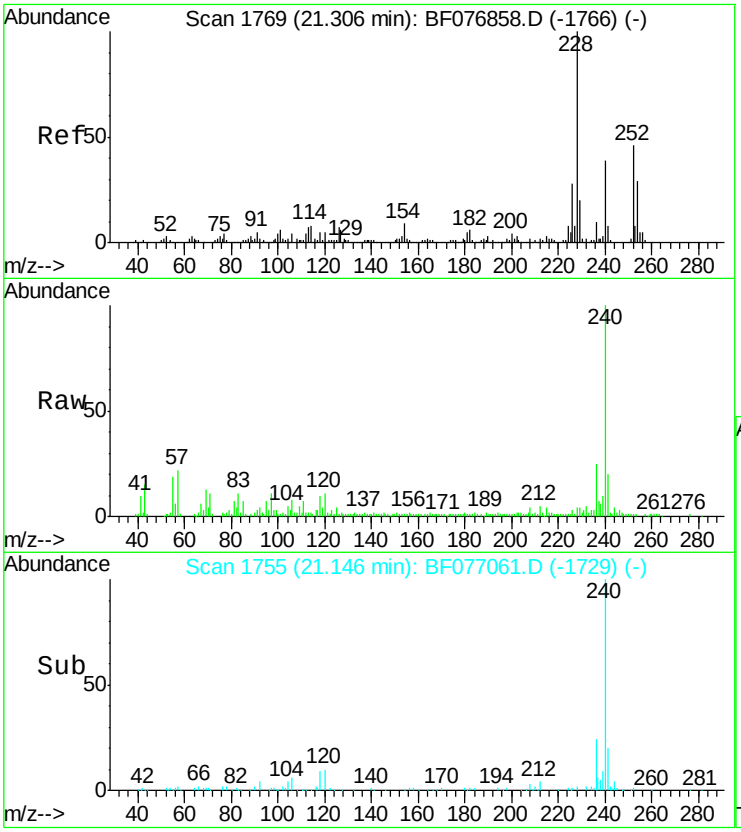


#74
Fluoranthene
Concen: 6.17 ng
RT: 19.35 min Scan# 1598
Delta R.T. 0.03 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:202 Resp: 30842

Ion	Ratio	Lower	Upper
202	100		
101	18.8	0.0	30.7
203	39.8	0.0	36.9#

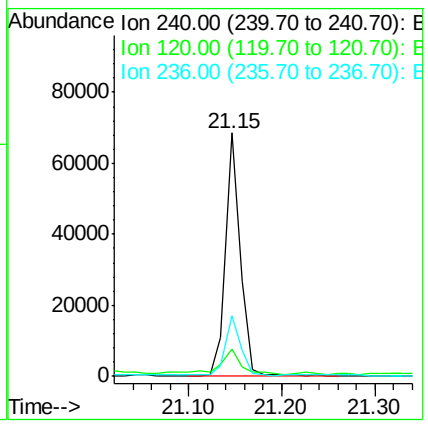




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.15 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

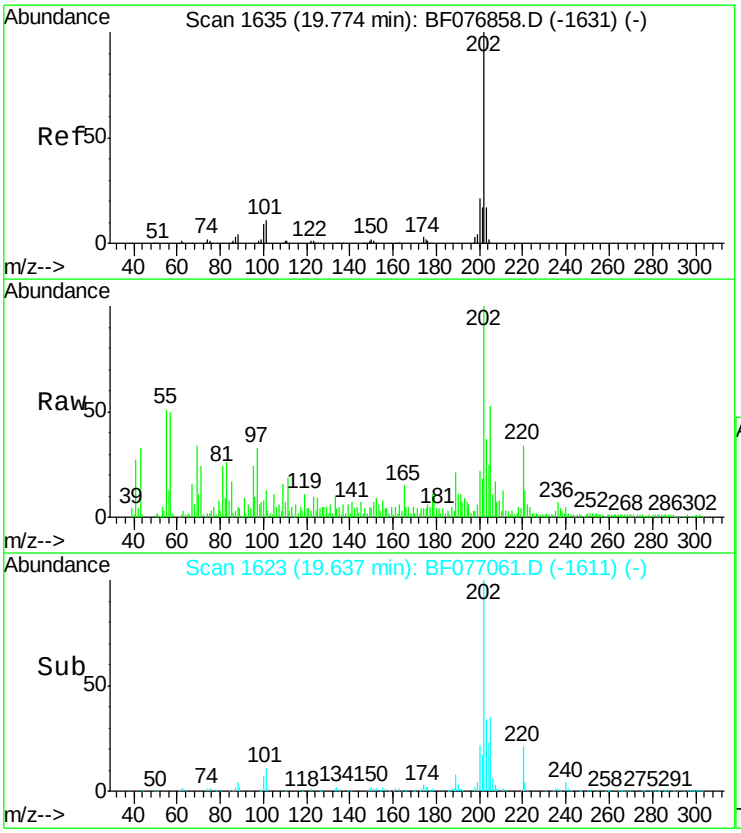
Tgt Ion:240 Resp: 76012

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.4	15.6
236	25.0	20.2	30.2



Instrument :
BNA_F
ClientSampleId :
275B1B

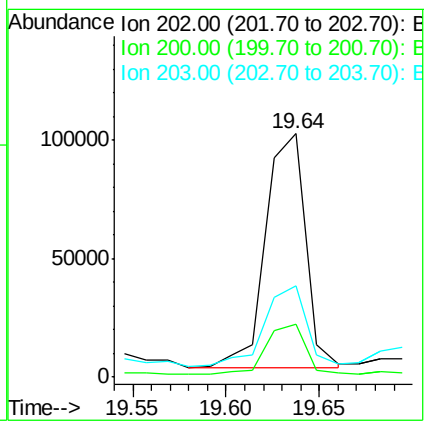
Manual Integrations APPROVED
apatel
1/28/2015 5:40:49 PM

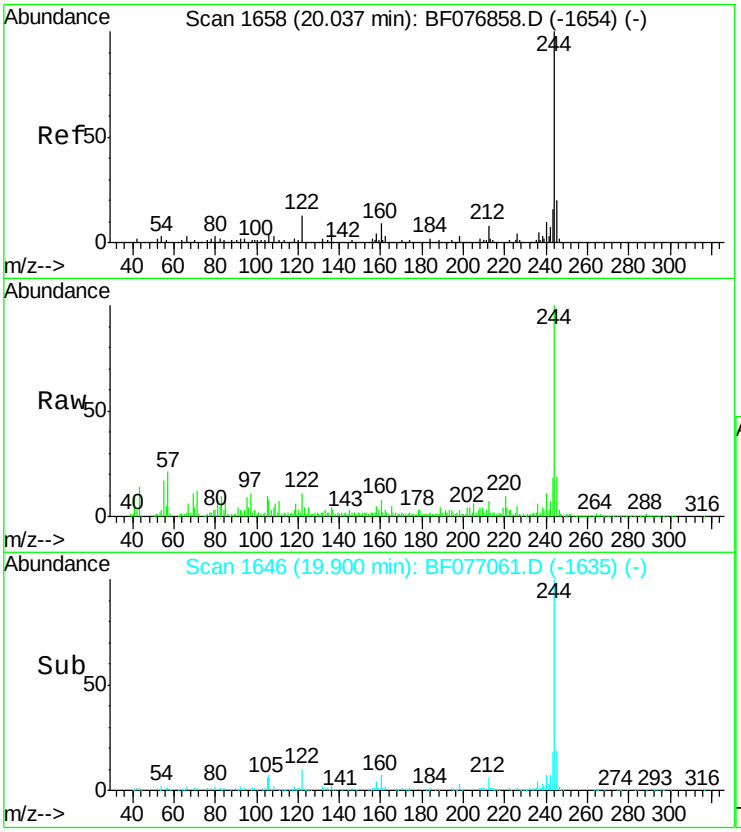


#77
Pyrene
Concen: 28.01 ng
RT: 19.64 min Scan# 1623
Delta R.T. 0.03 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:202 Resp: 145905

Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	37.5	14.0	21.0#

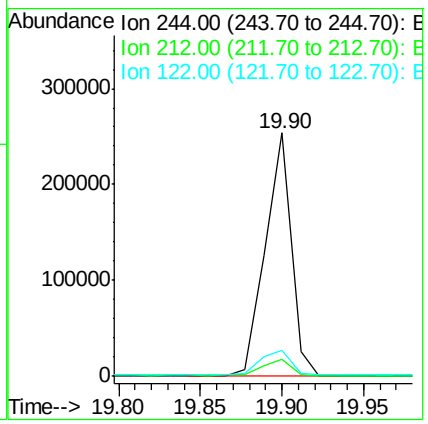




#78
Terphenyl-d14
Concen: 85.55 ng
RT: 19.90 min Scan# 1646
Delta R.T. 0.02 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:244 Resp: 282477

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	10.7	10.1	15.1



Instrument :
BNA_F
ClientSampleId :
275B1B

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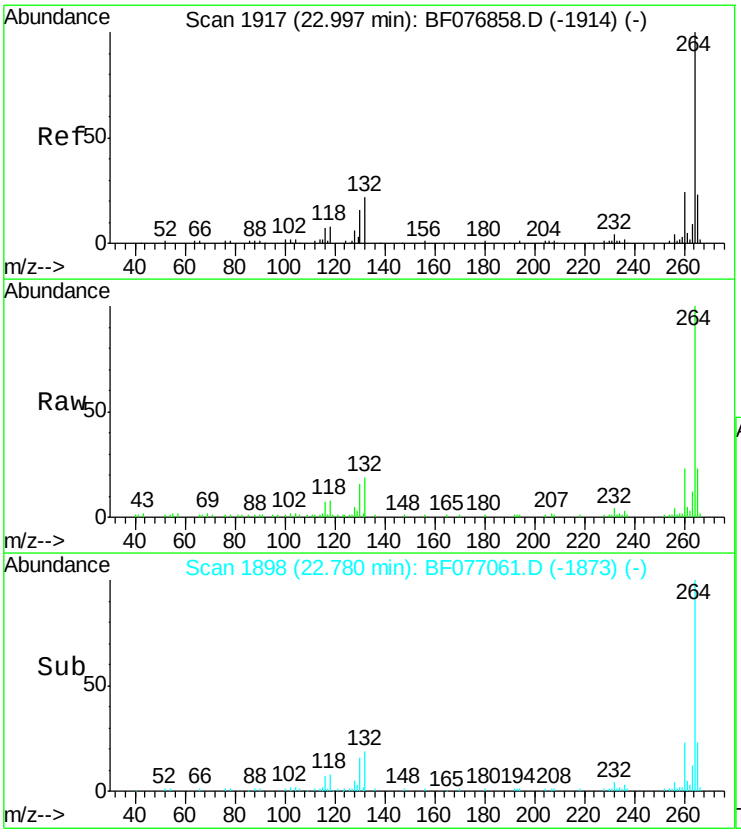
apatel
1/28/2015 5:40:49 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 22.78 min Scan# 1898
Delta R.T. -0.01 min
Lab File: BF077061.D
Acq: 26 Jan 2015 19:48

Tgt Ion:264 Resp: 71153

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.7	18.1	27.1