Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
Data File : BF077113.D
Acq On : 28 Jan 2015 21:31
Operator : TP/IZ
Sample : G1137-03DL2 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 104B2DL2

Quant Time: Jan 29 11:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	28673	20.00	ng		0.00
21) Naphthalene-d8	10.63	136	124876	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	58074	20.00	ng		0.00
63) Phenanthrene-d10	17.59	188	103657	20.00	ng		0.00
75) Chrysene-d12	21.10	240	101219	20.00	ng		0.00
86) Perylene-d12	22.72	264	93806	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.79	112	1825	1.05	ng		0.03
7) Phenol-d6	7.17	99	2558	1.16	ng		0.02
23) Nitrobenzene-d5	9.04	82	2866	1.27	ng		0.02
41) 2,4,6-Tribromophenol	16.48	330	330	0.70	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	3748	0.98	ng		0.00
78) Terphenyl-d14	19.83	244	4737	1.08	ng		-0.01
Target Compounds							Qvalue
31) Naphthalene	10.68	128	46850	7.29	ng		97
37) 2-Methylnaphthalene	12.33	142	115263	26.25	ng		97
45) 1,1'-Biphenyl	13.49	154	11174	2.60	ng		94
57) Fluorene	16.00	166	9905	2.37	ng	#	88
70) Phenanthrene	17.63	178	30096	4.66	ng	#	95

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

Quantitation Report (QT Reviewed)

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Data File : BF077113.D
Acq On : 28 Jan 2015 21:31
Operator : TP/IZ
Sample : G1137-03DL2 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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104B2DL2

Quant Time: Jan 29 11:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 29 00:11:13 2015
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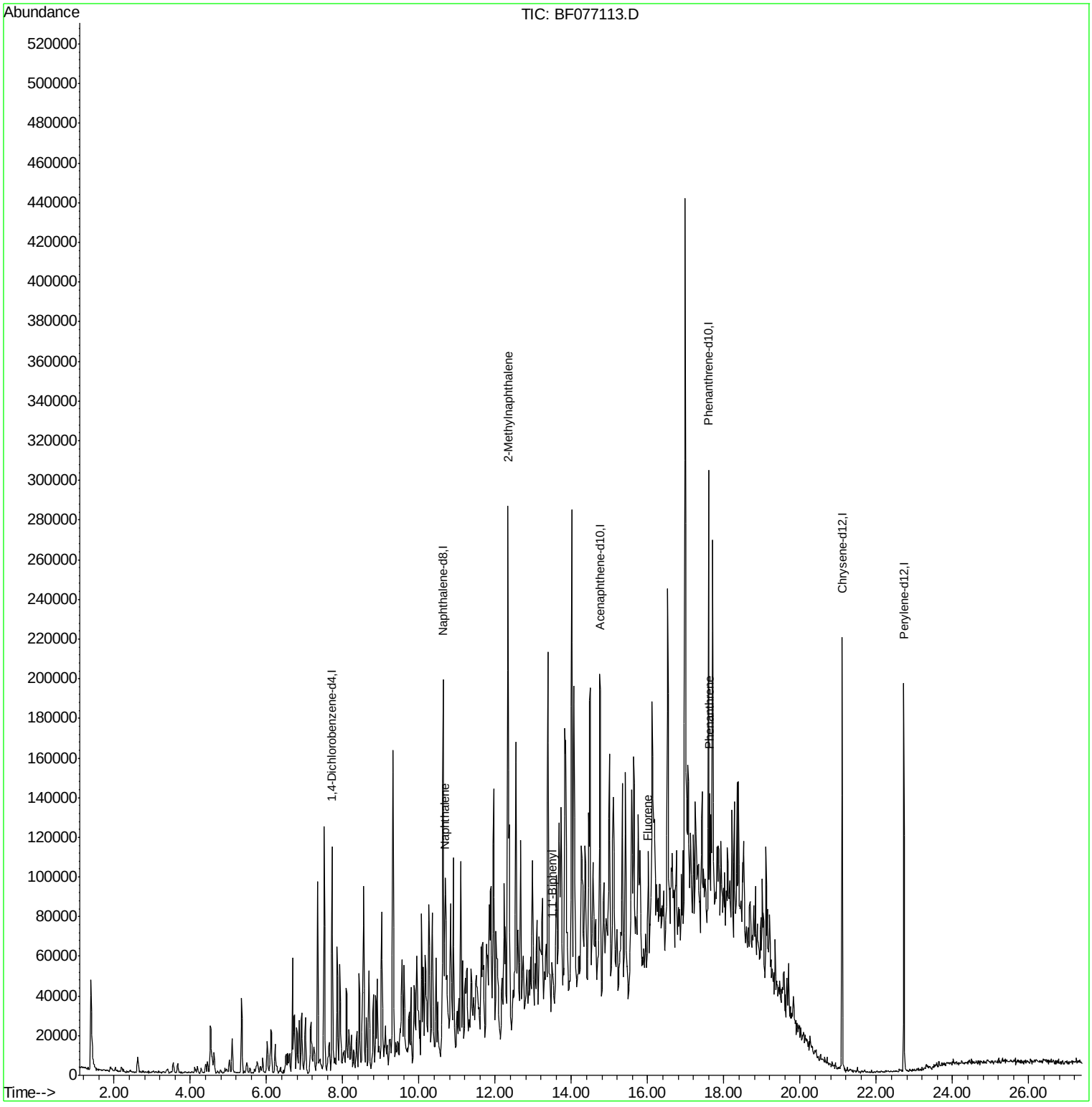
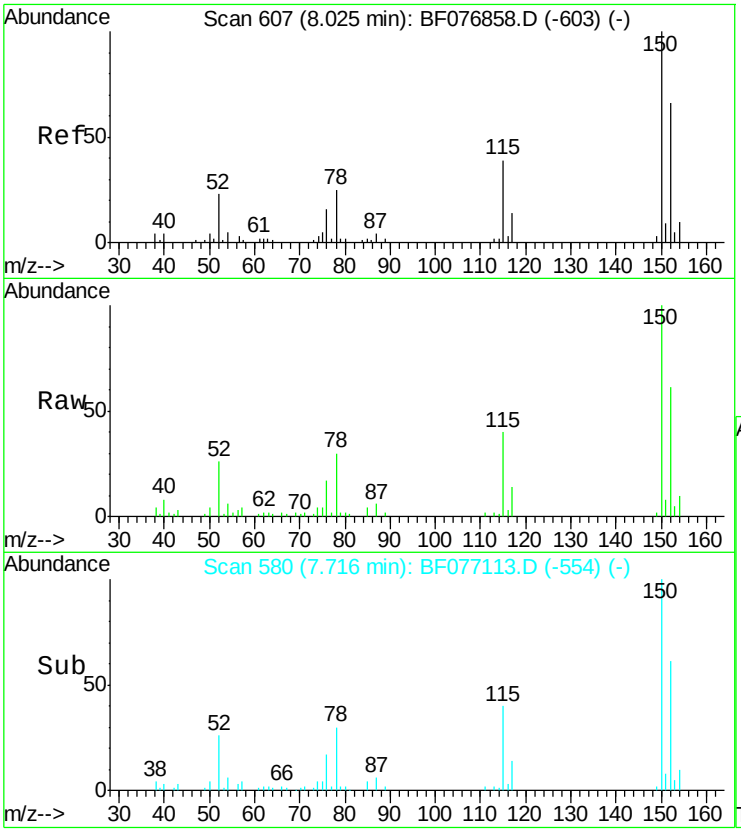


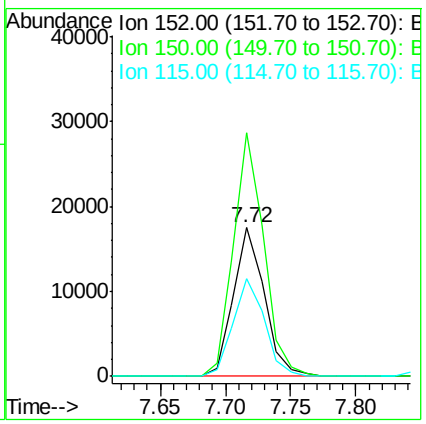


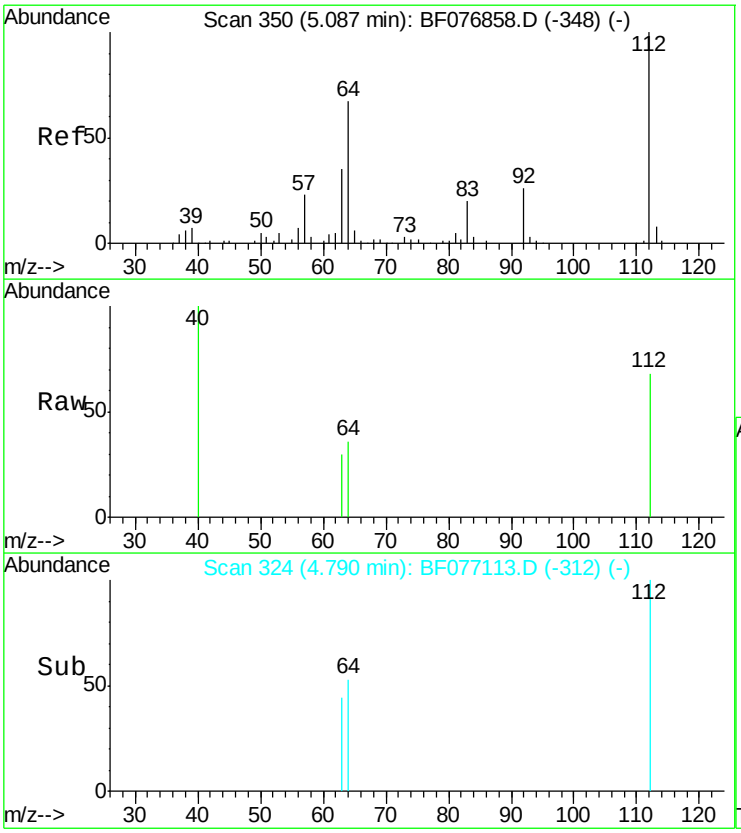
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:152 Resp: 28673

Ion	Ratio	Lower	Upper
152	100		
150	164.1	121.7	182.5
115	65.8	47.0	70.6

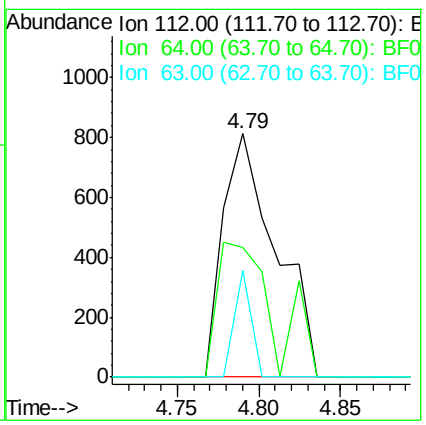


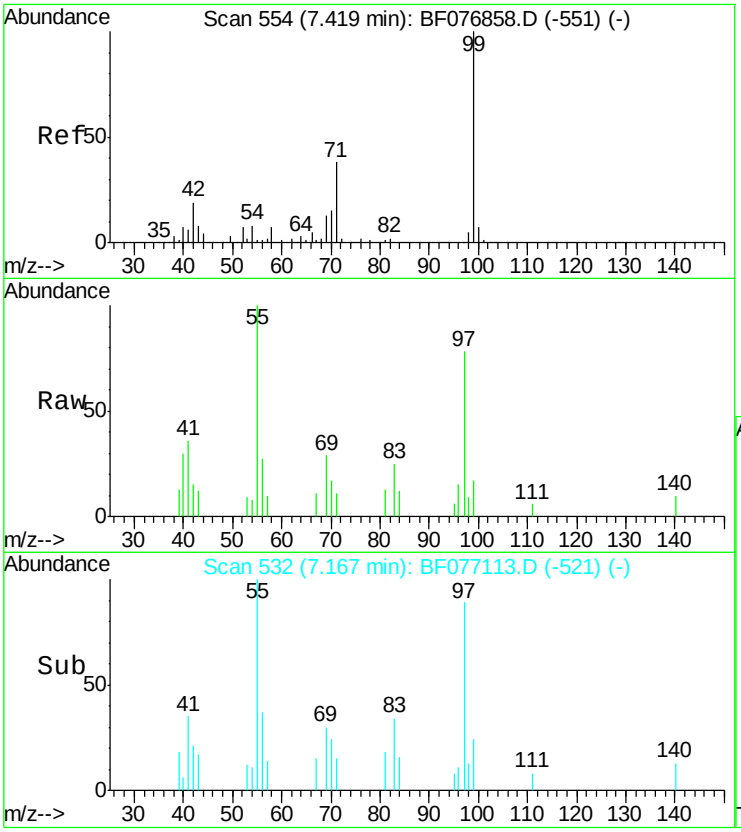


#5
2-Fluorophenol
Concen: 1.05 ng
RT: 4.79 min Scan# 324
Delta R.T. 0.03 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:112 Resp: 1825

Ion	Ratio	Lower	Upper
112	100		
64	53.3	54.2	81.4#
63	44.0	28.4	42.6#



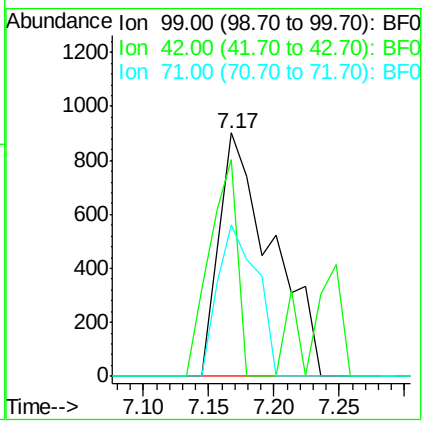


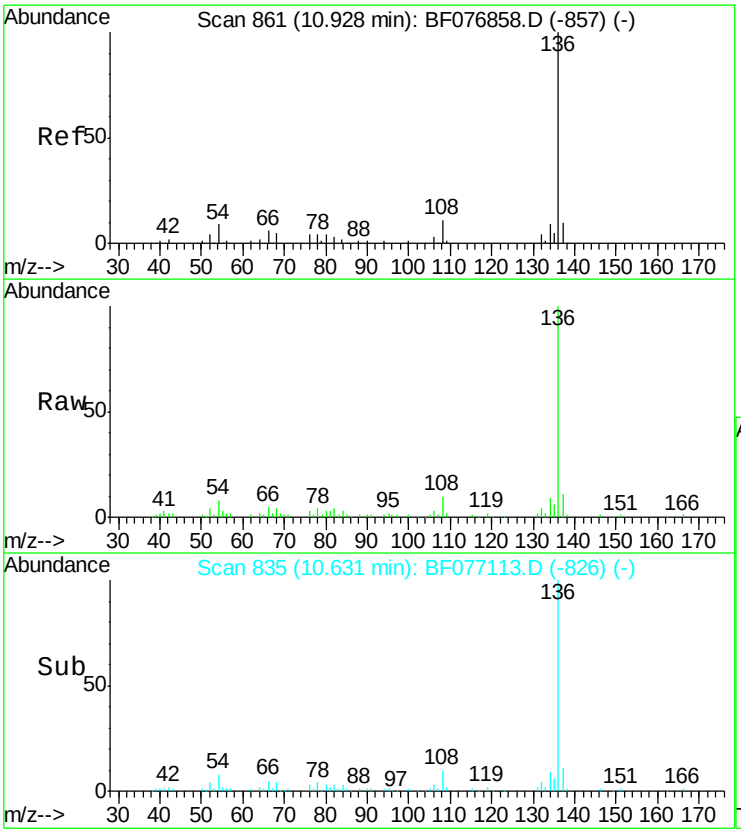
#7
Phenol-d6
Concen: 1.16 ng
RT: 7.17 min Scan# 532
Delta R.T. 0.02 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion: 99 Resp: 2558

Ion	Ratio	Lower	Upper
99	100		
42	88.9	15.0	22.4#
71	62.2	30.5	45.7#

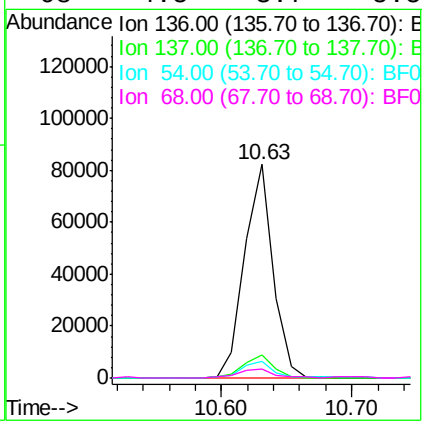


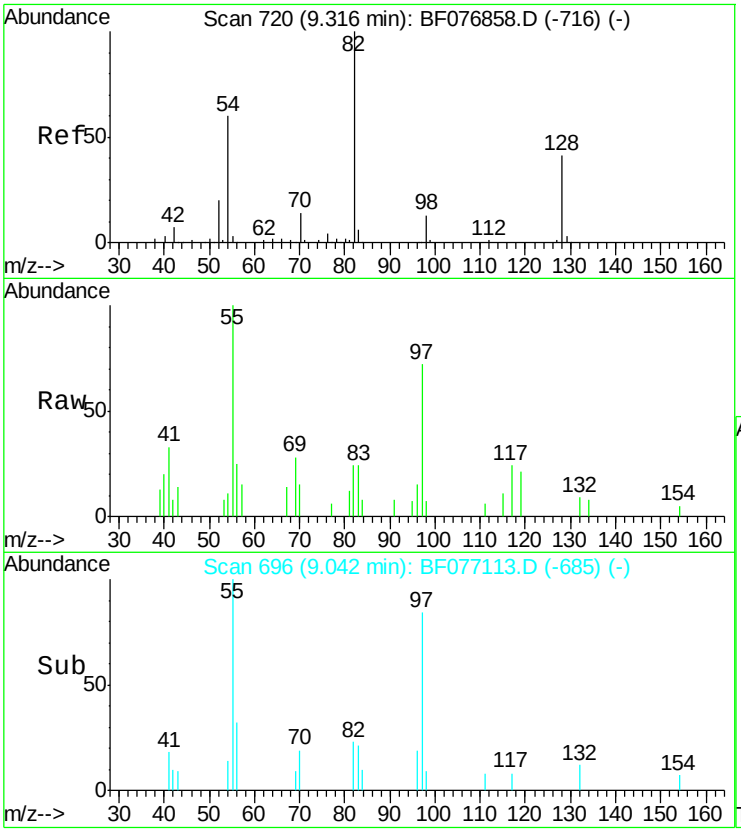


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.63 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:136 Resp: 124876

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.1	12.1
54	7.6	7.0	10.4
68	4.5	3.7	5.5



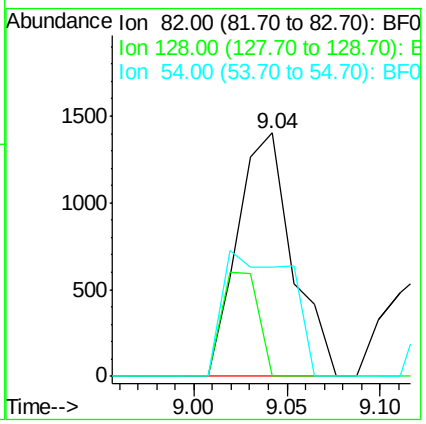


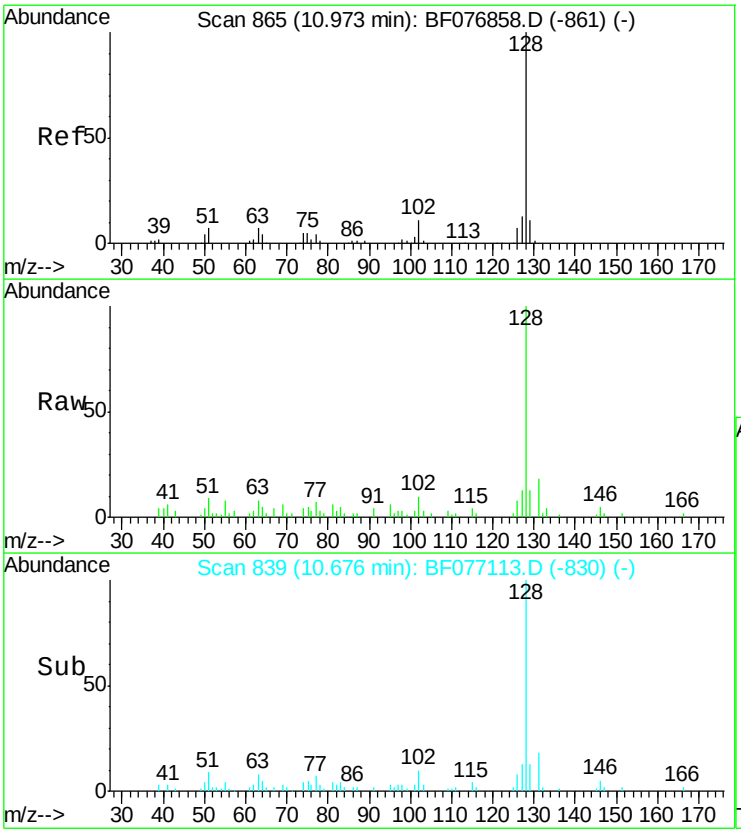
#23
Nitrobenzene-d5
Concen: 1.27 ng
RT: 9.04 min Scan# 696
Delta R.T. 0.02 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion: 82 Resp: 2866

Ion	Ratio	Lower	Upper
82	100		
128	0.0	33.1	49.7#
54	44.8	48.3	72.5#

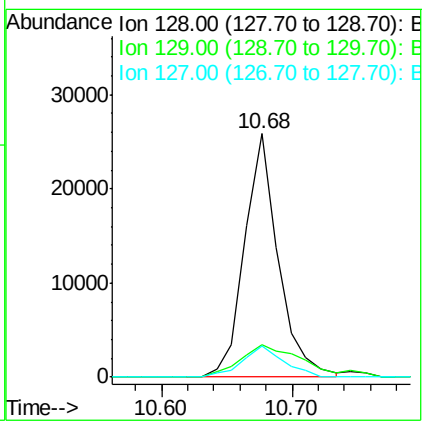


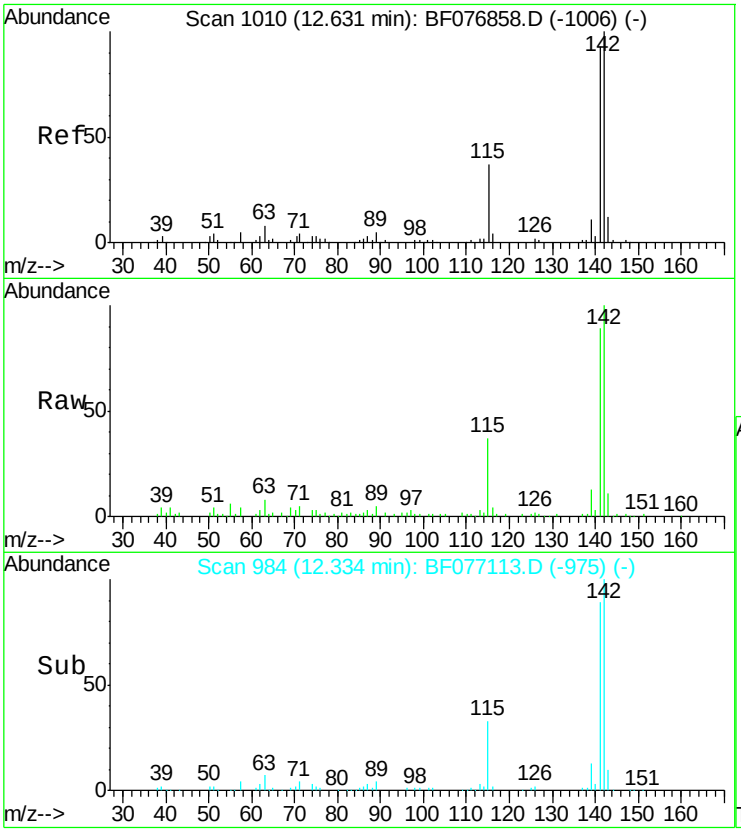


#31
Naphthalene
Concen: 7.29 ng
RT: 10.68 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:128 Resp: 46850

Ion	Ratio	Lower	Upper
128	100		
129	13.2	9.0	13.6
127	13.0	10.2	15.2



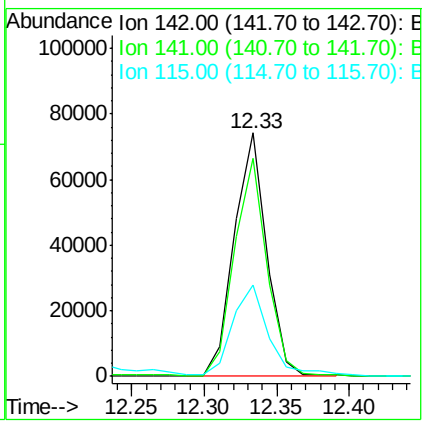


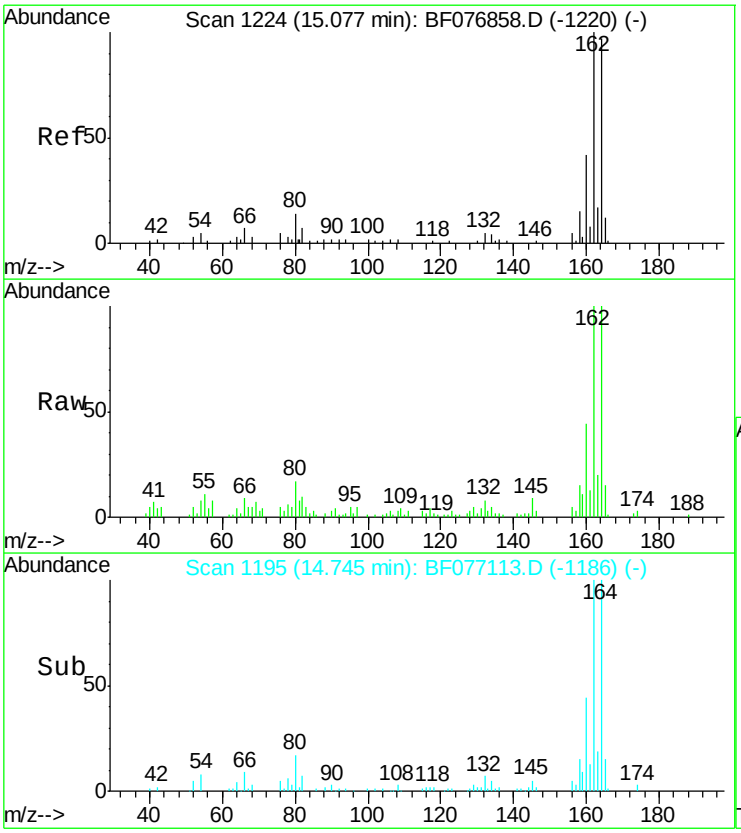
#37
2-Methylnaphthalene
Concen: 26.25 ng
RT: 12.33 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:142 Resp: 115263

Ion	Ratio	Lower	Upper
142	100		
141	89.5	74.5	111.7
115	37.3	29.7	44.5

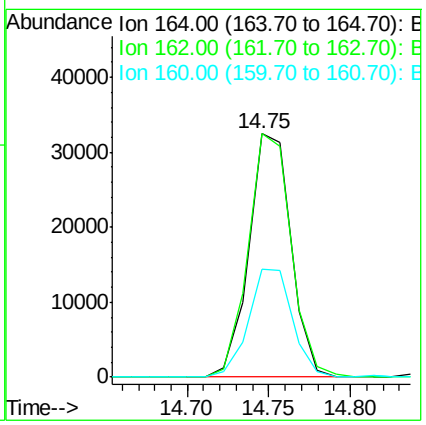


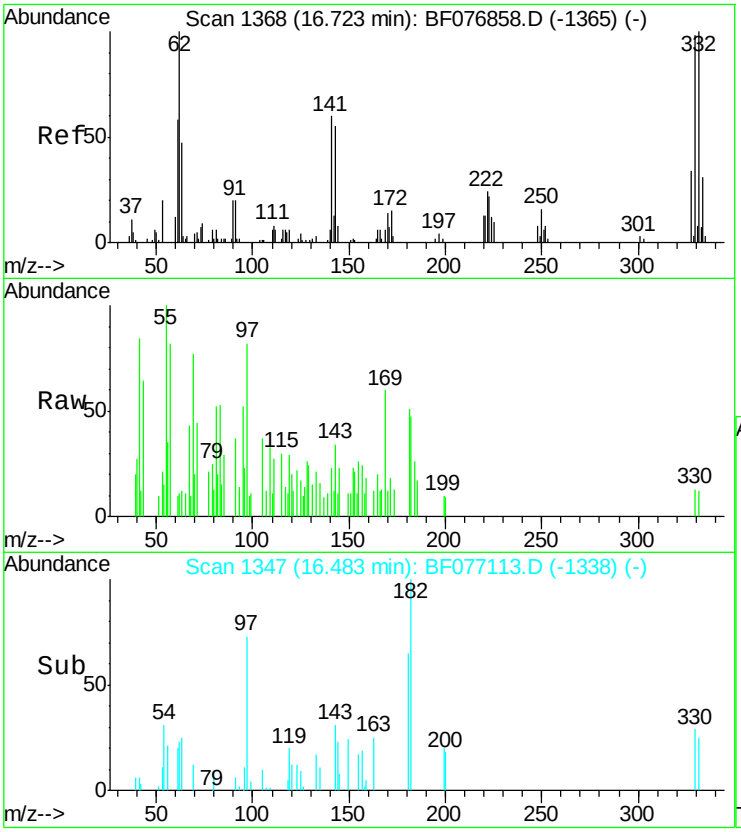


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:164 Resp: 58074

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.4	123.6
160	44.3	34.8	52.2



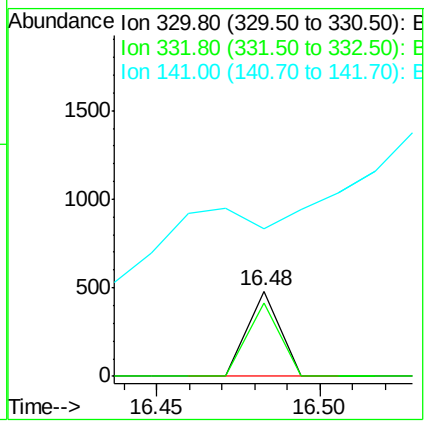


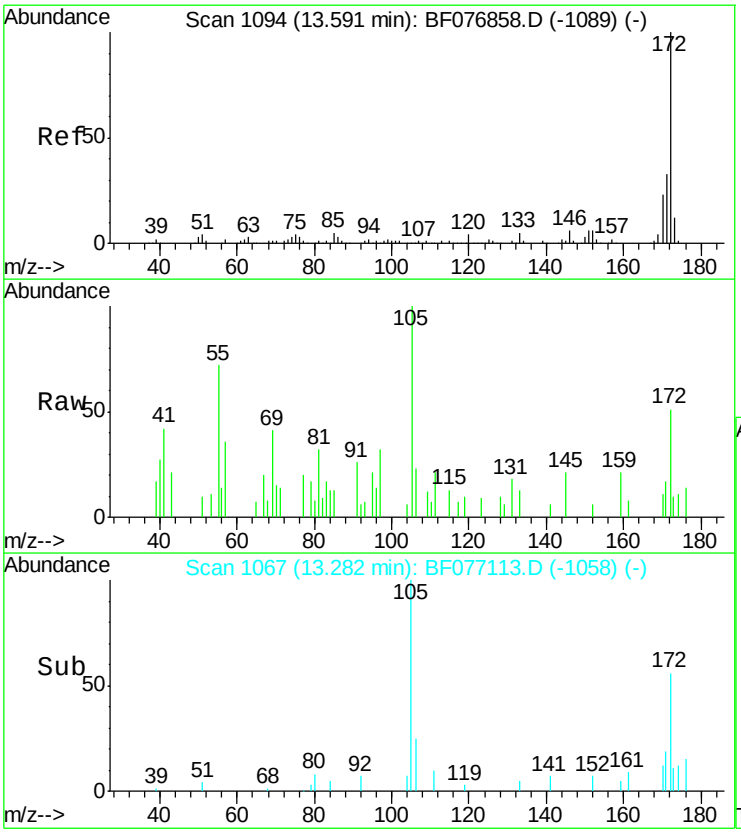
#41
2,4,6-Tribromophenol
Concen: 0.70 ng
RT: 16.48 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:330 Resp: 330

Ion	Ratio	Lower	Upper
330	100		
332	85.8	77.8	116.6
141	129.4	38.5	57.7#

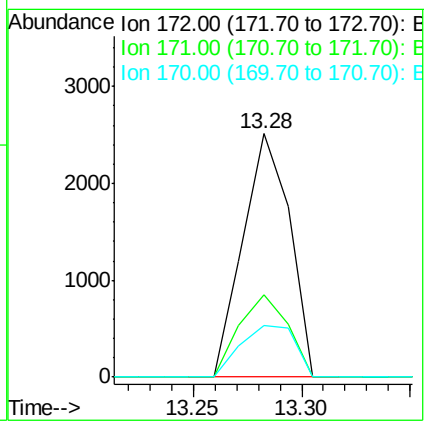


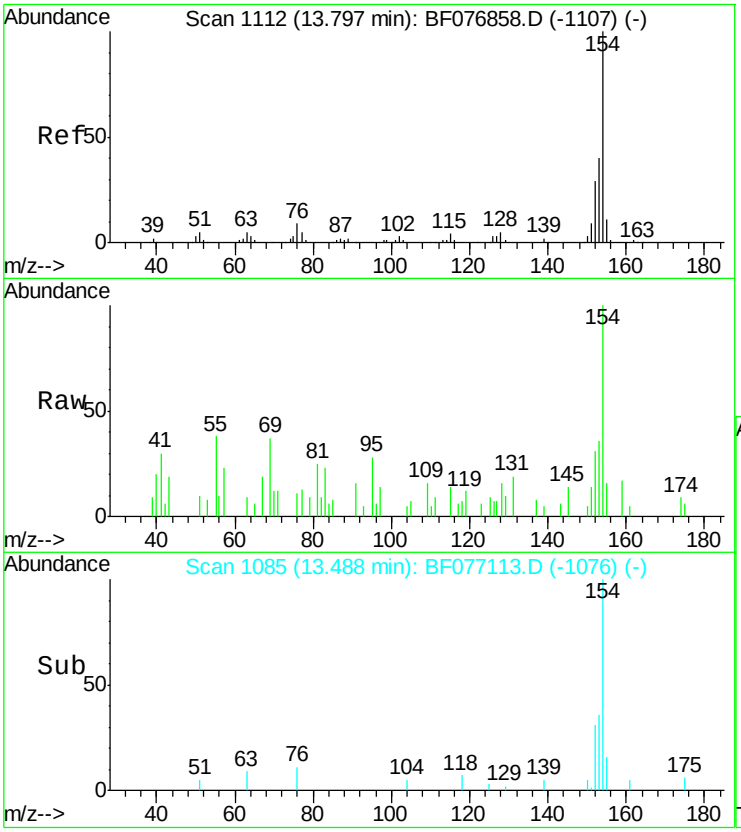


#44
2-Fluorobiphenyl
Concen: 0.98 ng
RT: 13.28 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:172 Resp: 3748

Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.6	40.0
170	21.2	18.0	27.0



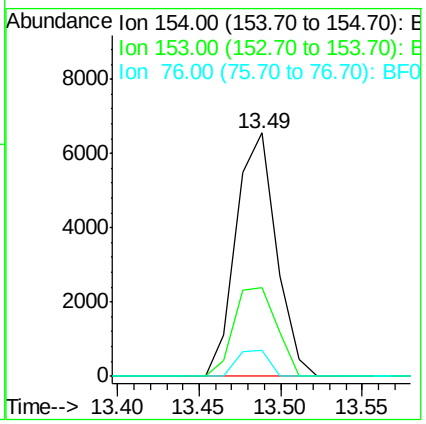


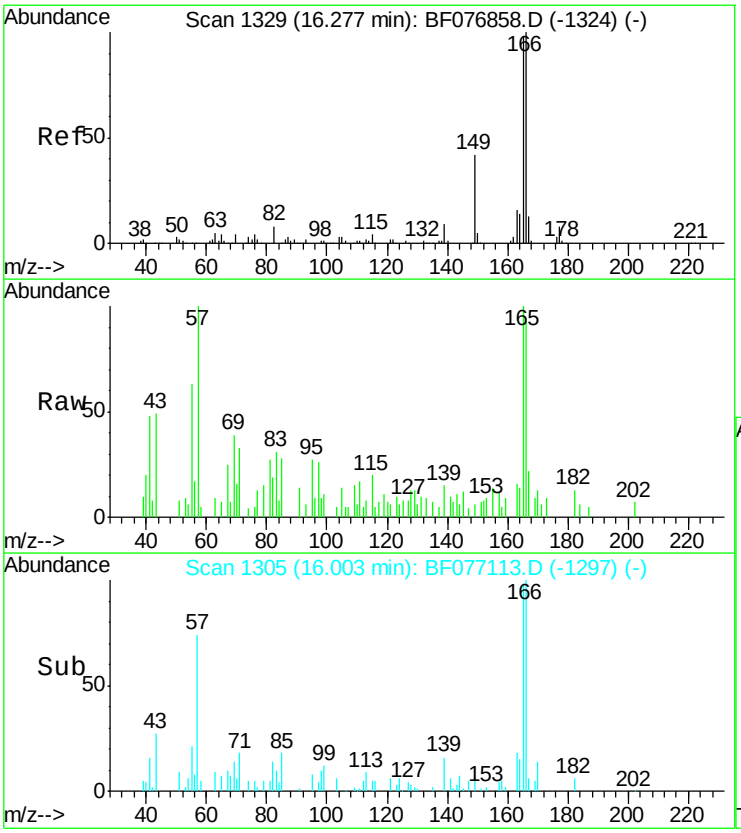
#45
1,1'-Biphenyl
Concen: 2.60 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:154 Resp: 11174

Ion	Ratio	Lower	Upper
154	100		
153	36.4	20.2	60.2
76	10.7	0.0	29.0

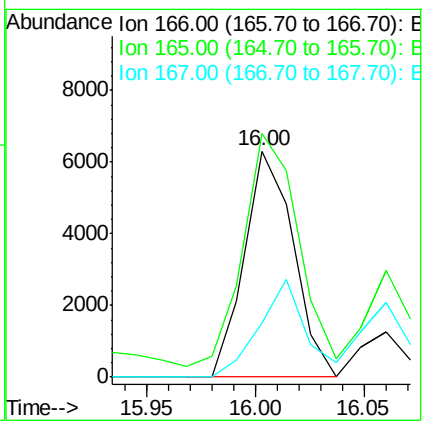


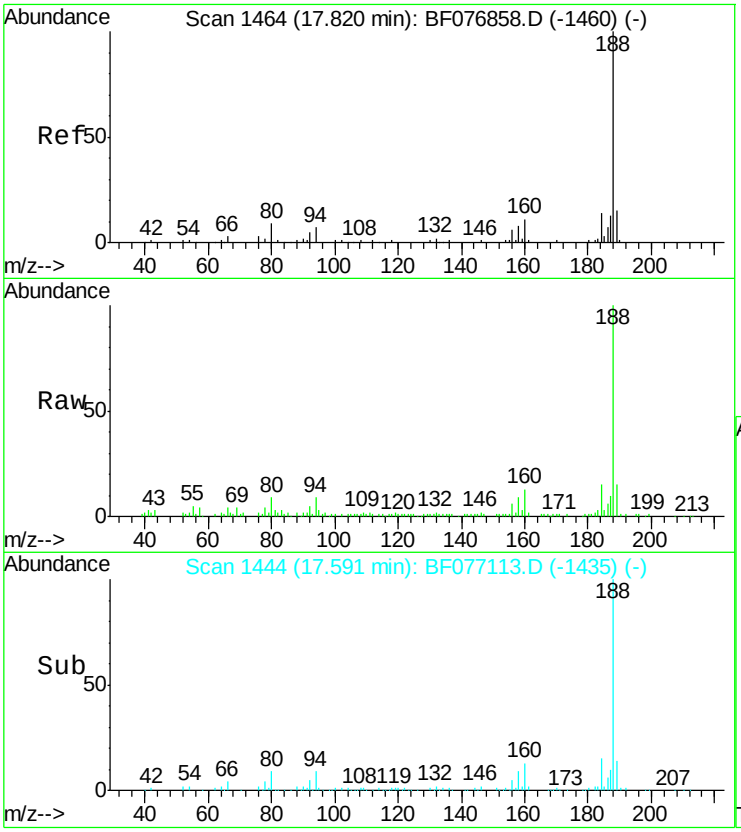


#57
Fluorene
Concen: 2.37 ng
RT: 16.00 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:166 Resp: 9905

Ion	Ratio	Lower	Upper
166	100		
165	107.8	78.5	117.7
167	23.8	10.4	15.6#



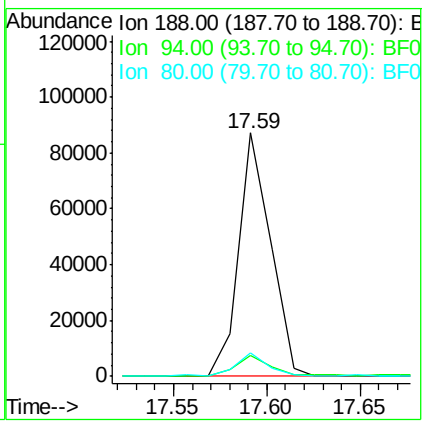


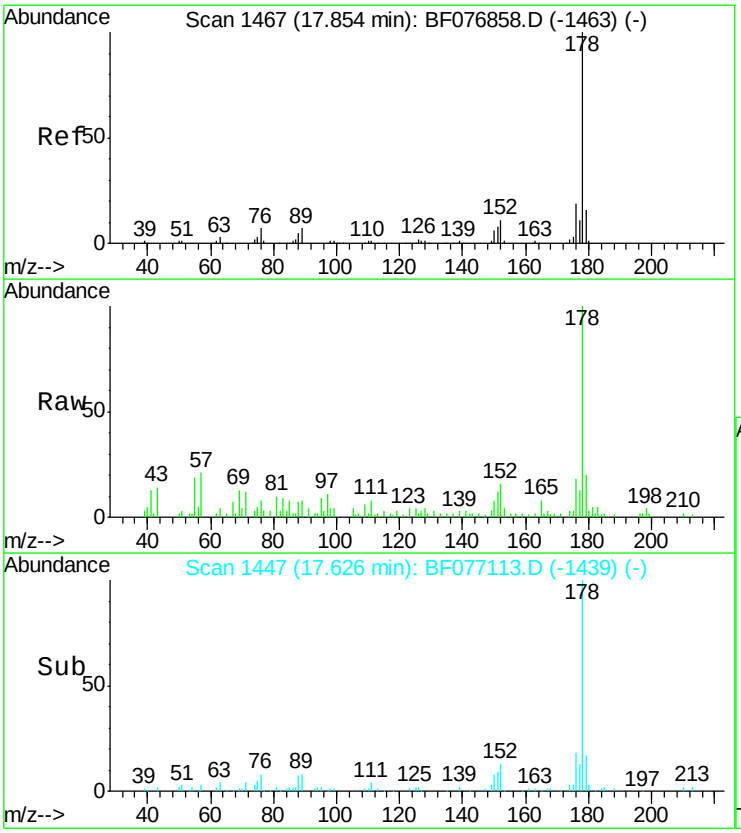
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.59 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:188 Resp: 103657

Ion	Ratio	Lower	Upper
188	100		
94	8.6	6.0	9.0
80	9.4	6.9	10.3

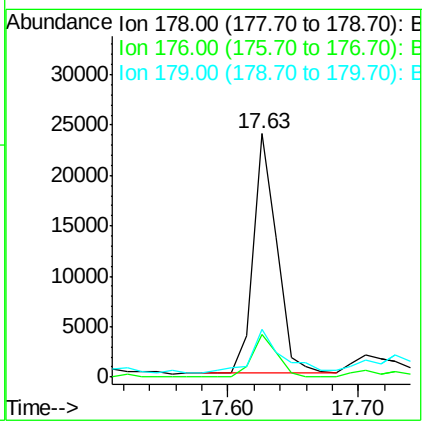


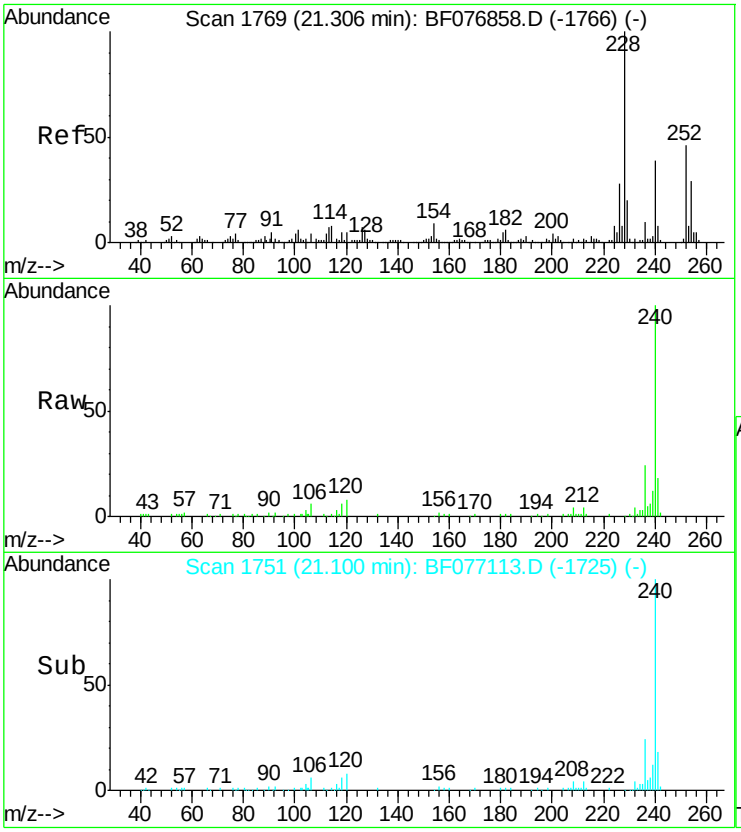


#70
Phenanthrene
Concen: 4.66 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:178 Resp: 30096

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.1	22.7
179	19.5	12.7	19.1#



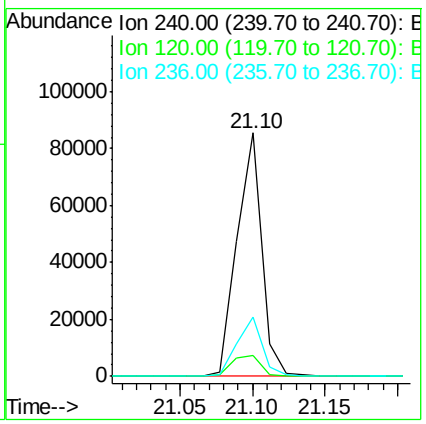


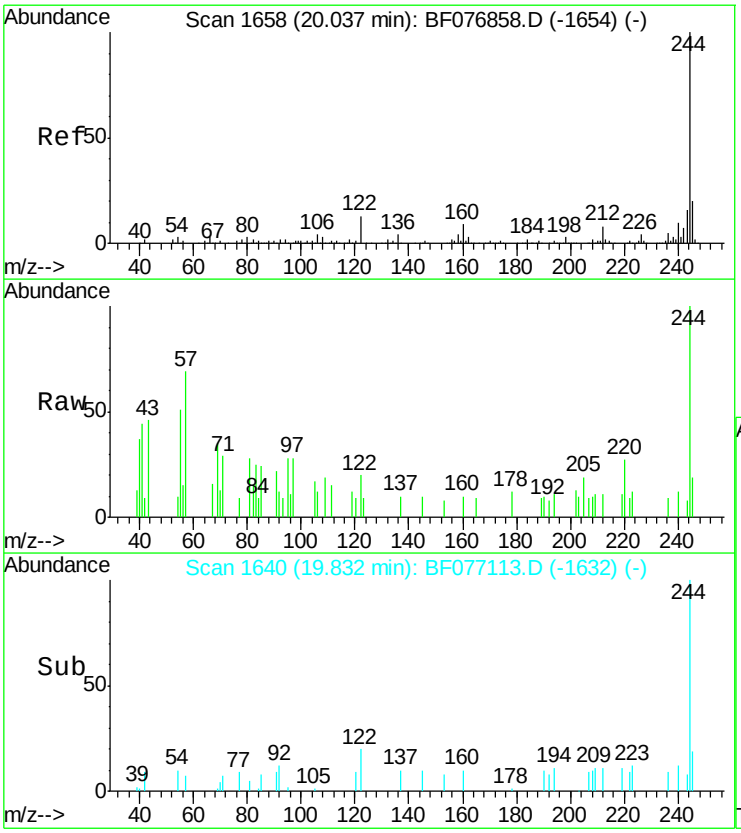
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.10 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:240 Resp: 101219

Ion	Ratio	Lower	Upper
240	100		
120	8.4	10.4	15.6#
236	24.4	20.2	30.2

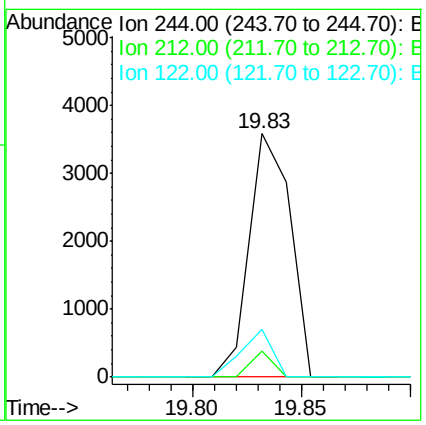


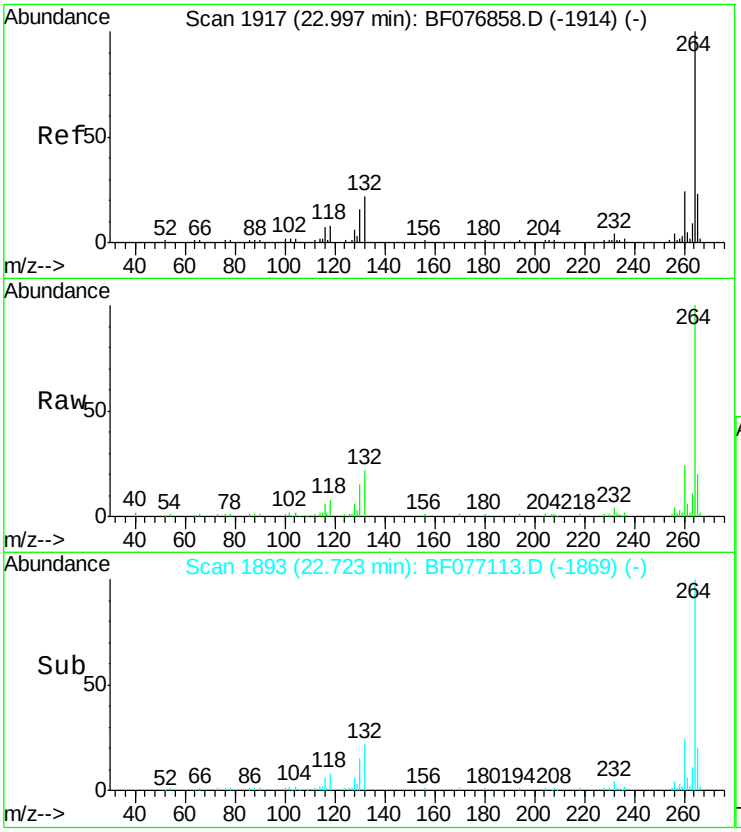


#78
Terphenyl-d14
Concen: 1.08 ng
RT: 19.83 min Scan# 1640
Delta R.T. -0.01 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Tgt Ion:244 Resp: 4737

Ion	Ratio	Lower	Upper
244	100		
212	10.6	6.3	9.5#
122	19.6	10.1	15.1#





#86
Perylene-d12
Concen: 20.00 ng
RT: 22.72 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BF077113.D
Acq: 28 Jan 2015 21:31

Instrument :
BNA_F
ClientSampleId :
104B2DL2

Tgt Ion:264 Resp: 93806

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	20.3	18.1	27.1