Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079491.D
Acq On : 26 May 2015 22:50
Operator : TP/IZ
Sample : G2289-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-30D

Quant Time: May 27 01:20:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 19:25:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	96238	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	397935	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	195759	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	375228	20.00	ng		0.00
75) Chrysene-d12	15.87	240	389496	20.00	ng		0.00
86) Perylene-d12	17.60	264	422848	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	94824	17.09	ng		0.00
7) Phenol-d6	6.62	99	142881	20.20	ng		0.00
23) Nitrobenzene-d5	7.71	82	80962	11.76	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	39776	18.50	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	141289	10.30	ng		0.00
78) Terphenyl-d14	14.59	244	150193	9.05	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.62	128	43207	2.26	ng		99
51) Acenaphthene	10.80	154	81284	7.09	ng		99
54) Dibenzofuran	11.02	168	61237	3.62	ng		97
55) 4-Nitrophenol	11.02	139	23749	11.43	ng	#	14
57) Fluorene	11.44	166	73623	5.28	ng		99
70) Phenanthrene	12.63	178	737774	35.84	ng		99
71) Anthracene	12.70	178	240491	11.51	ng		99
72) Carbazole	12.90	167	43610	2.17	ng		99
73) Di-n-butylphthalate	13.36	149	3732	Below Cal		#	1
74) Fluoranthene	14.10	202	800397	36.26	ng		98
77) Pyrene	14.38	202	716293	29.68	ng		98
80) Benzo(a)anthracene	15.86	228	326128	14.56	ng		96
82) Chrysene	15.91	228	246544	11.58	ng		97
85) Indeno(1,2,3-cd)pyrene	18.93	276	185336	6.77	ng		94
87) Benzo(b)fluoranthene	17.15	252	456278	18.92	ng	#	96
88) Benzo(k)fluoranthene	17.15	252	456278	21.16	ng	#	95
89) Benzo(a)pyrene	17.53	252	278460	11.75	ng	#	94
91) Benzo(g,h,i)perylene	19.31	276	174373	5.51	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
Data File : BF079491.D
Acq On : 26 May 2015 22:50
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Sample : G2289-10 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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SB-30D

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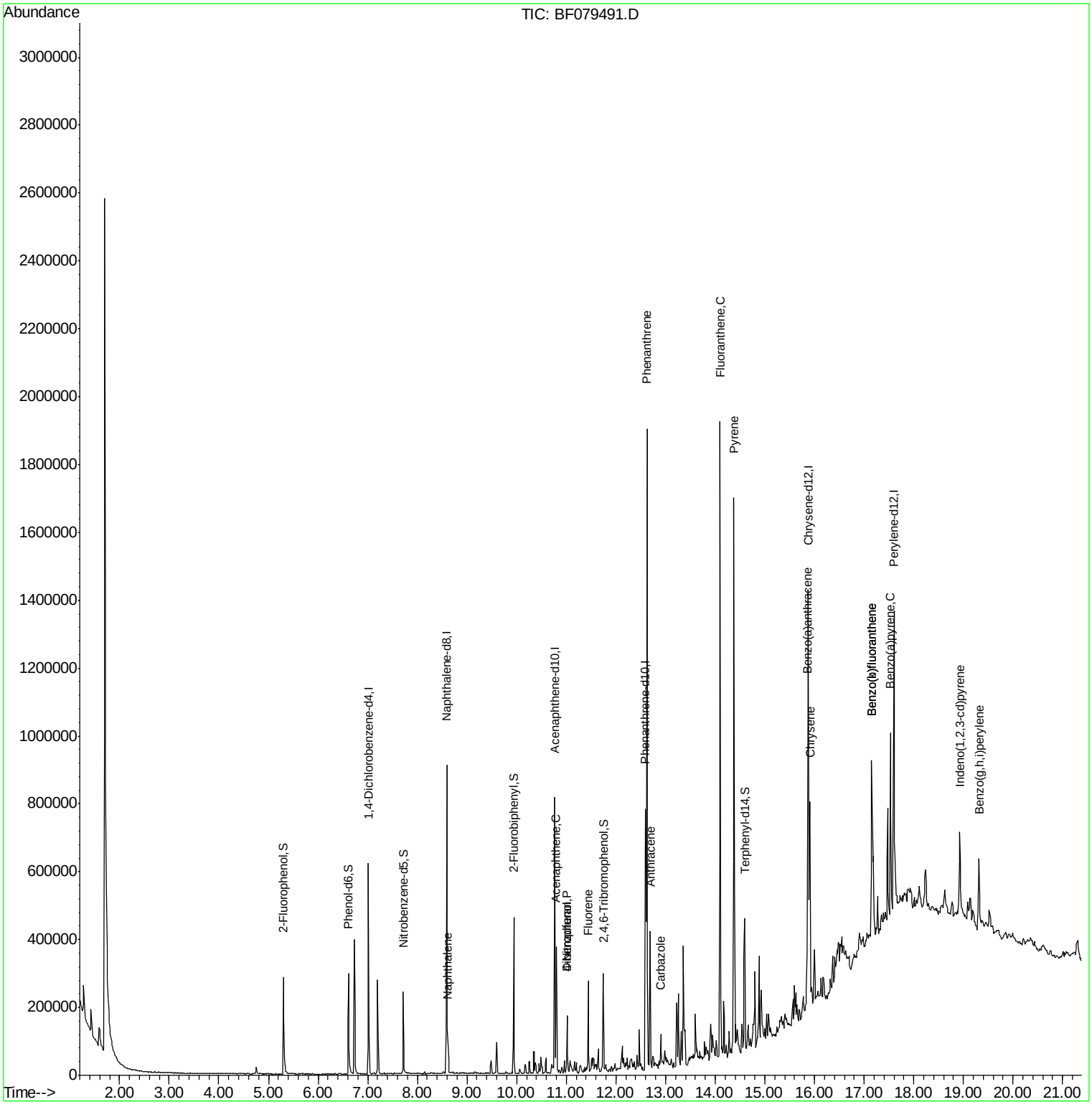
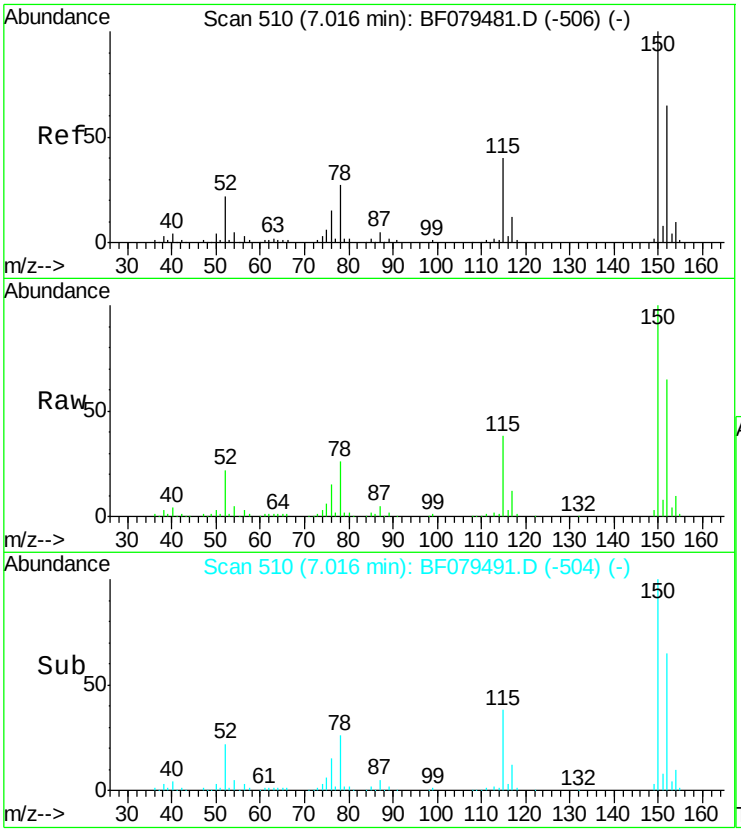


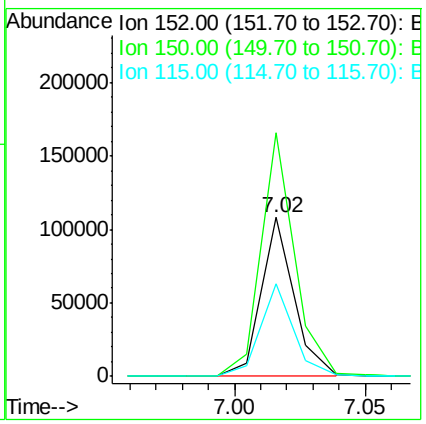


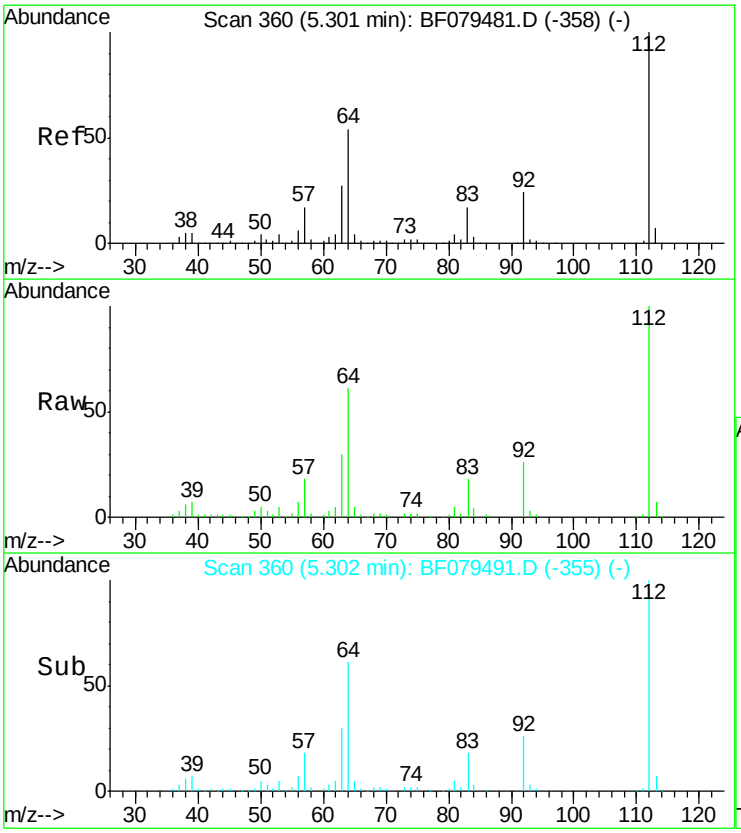
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:152 Resp: 96238

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.0	186.0
115	58.5	49.6	74.4

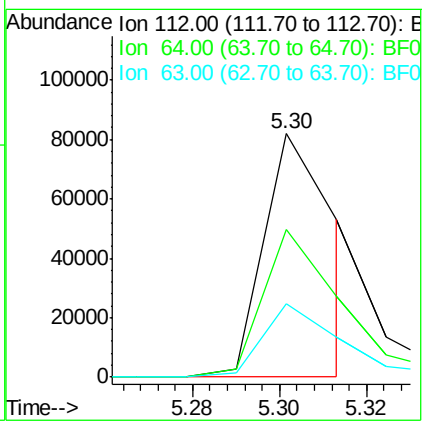


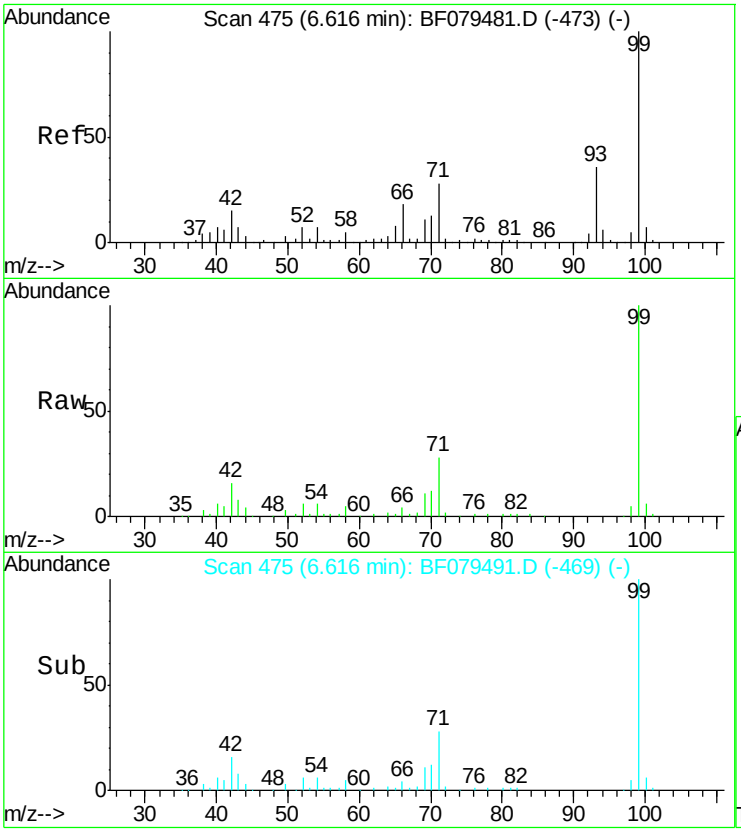


#5
2-Fluorophenol
Concen: 17.09 ng
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:112 Resp: 94824

Ion	Ratio	Lower	Upper
112	100		
64	60.5	43.5	65.3
63	30.4	21.8	32.8



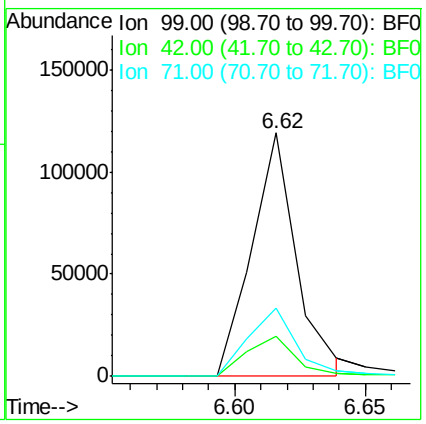


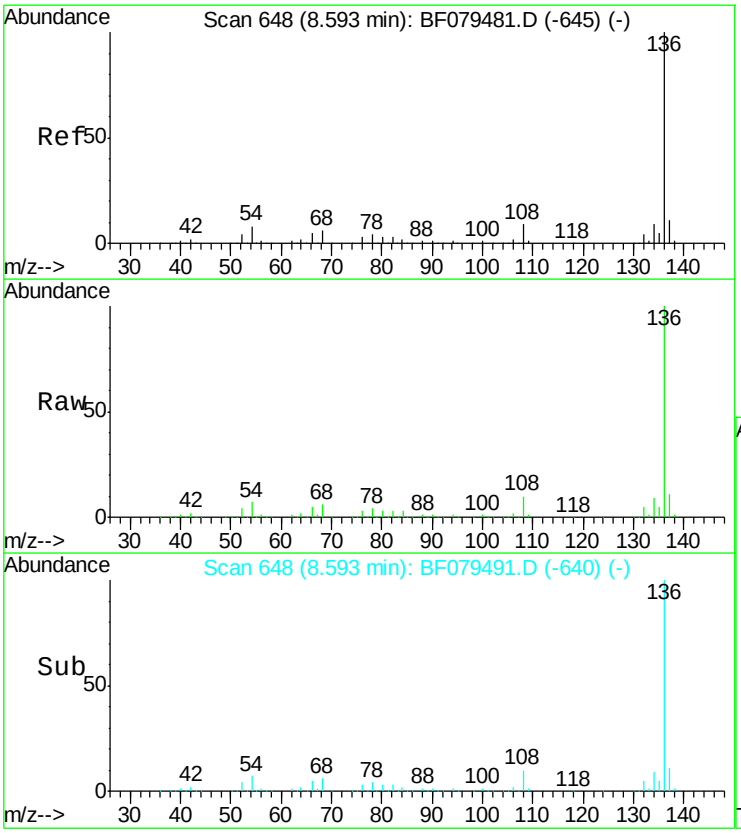
#7
Phenol-d6
Concen: 20.20 ng
RT: 6.62 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion: 99 Resp: 142881

Ion	Ratio	Lower	Upper
99	100		
42	16.2	11.9	17.9
71	28.2	22.1	33.1

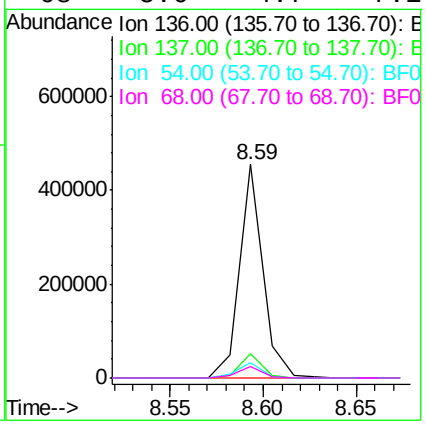


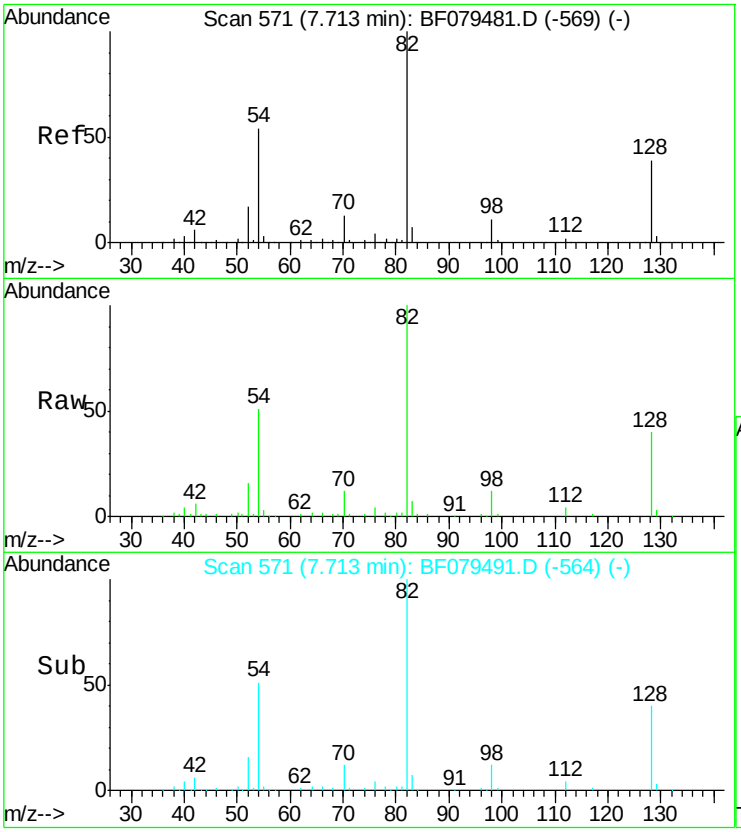


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.59 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:136 Resp: 397935

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	7.3	6.6	9.8
68	5.6	4.7	7.1



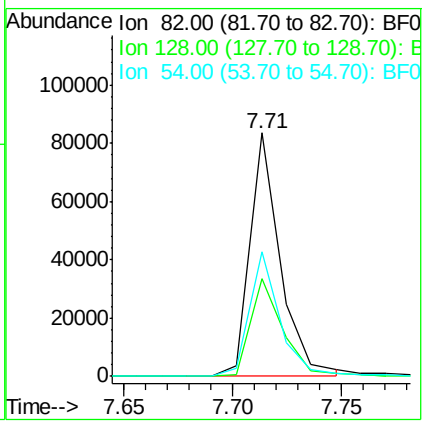


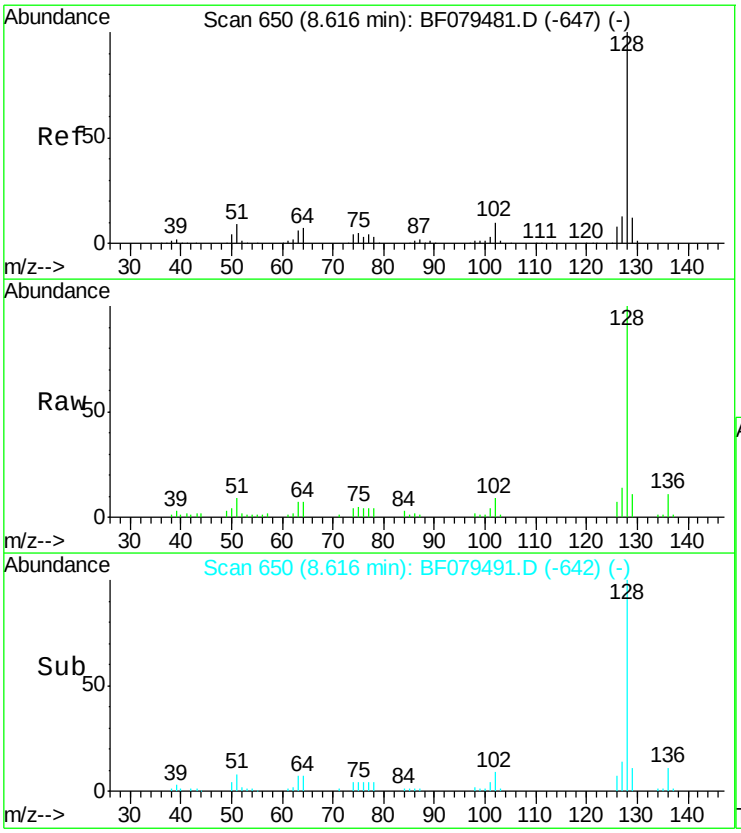
#23
Nitrobenzene-d5
Concen: 11.76 ng
RT: 7.71 min Scan# 571
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion: 82 Resp: 80962

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.8	46.2
54	51.2	42.8	64.2

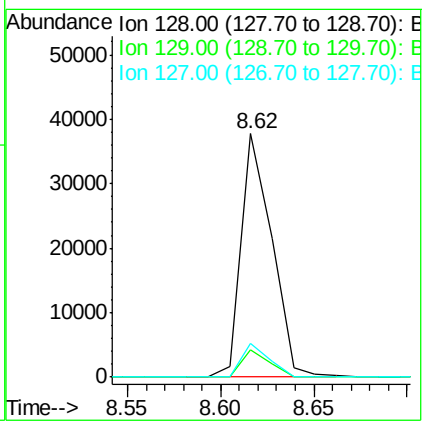


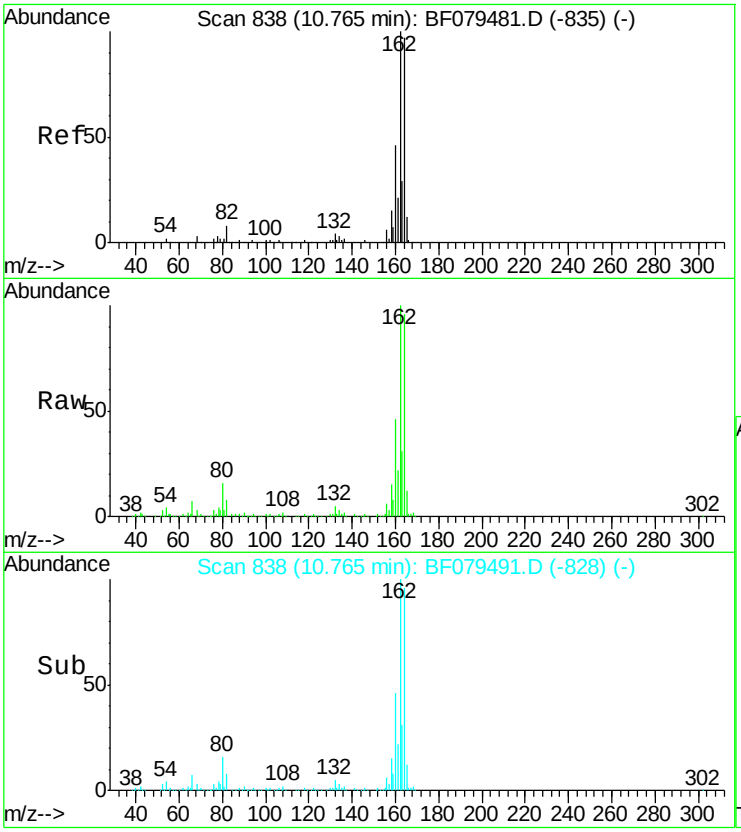


#31
Naphthalene
Concen: 2.26 ng
RT: 8.62 min Scan# 650
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:128 Resp: 43207

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	14.1	10.6	15.8



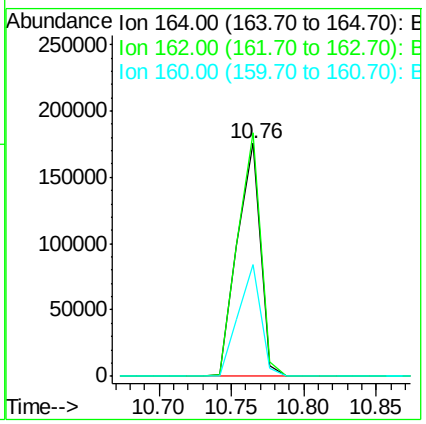


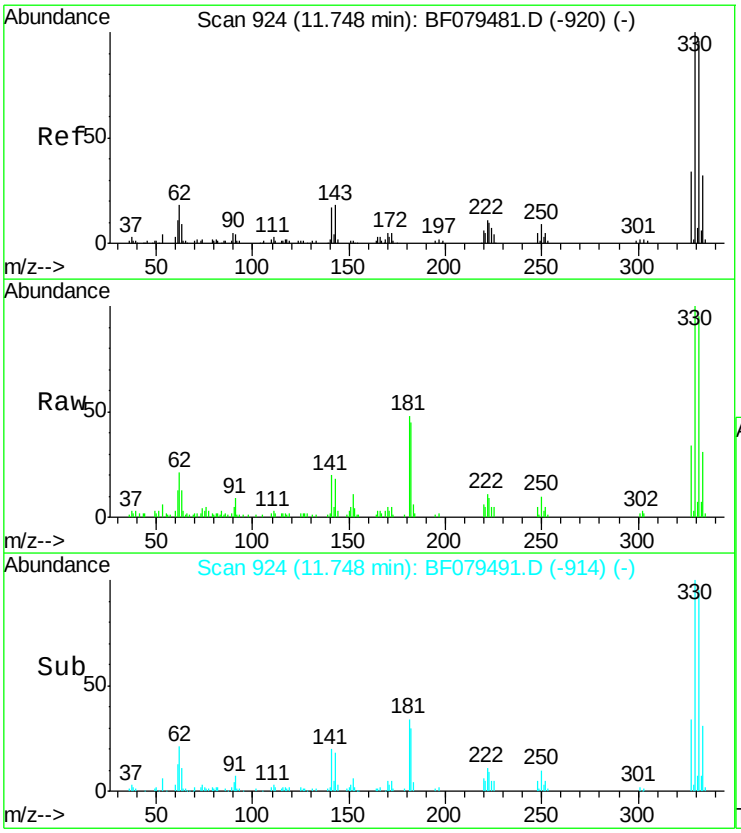
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:164 Resp: 195759

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.6	124.0
160	47.8	37.7	56.5

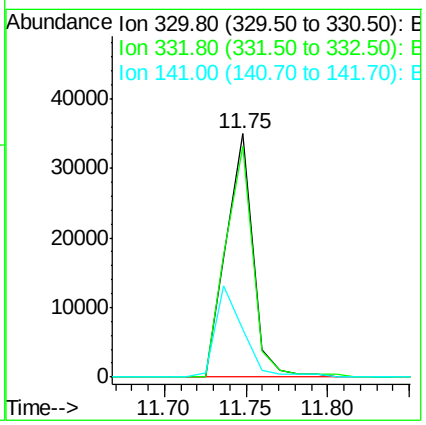


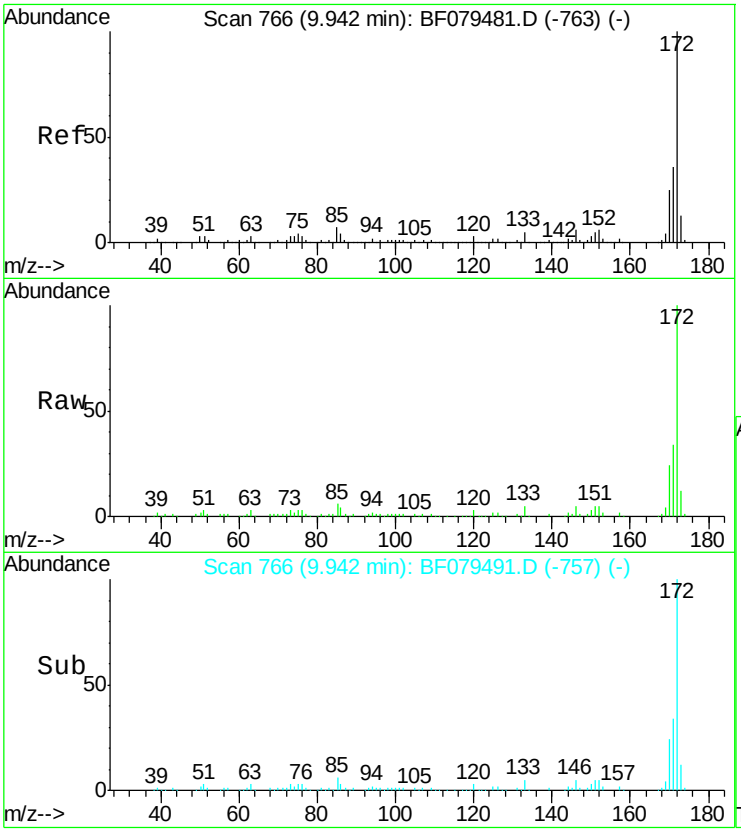


#41
2,4,6-Tribromophenol
Concen: 18.50 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:330 Resp: 39776

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	39.0	0.0	0.0#



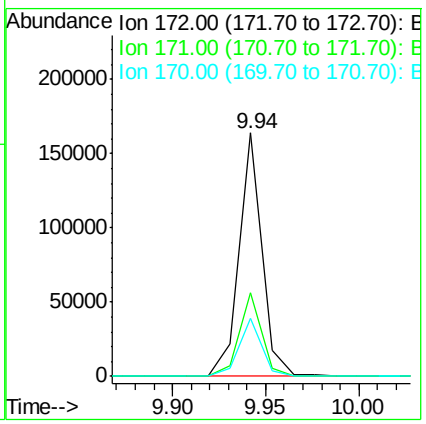


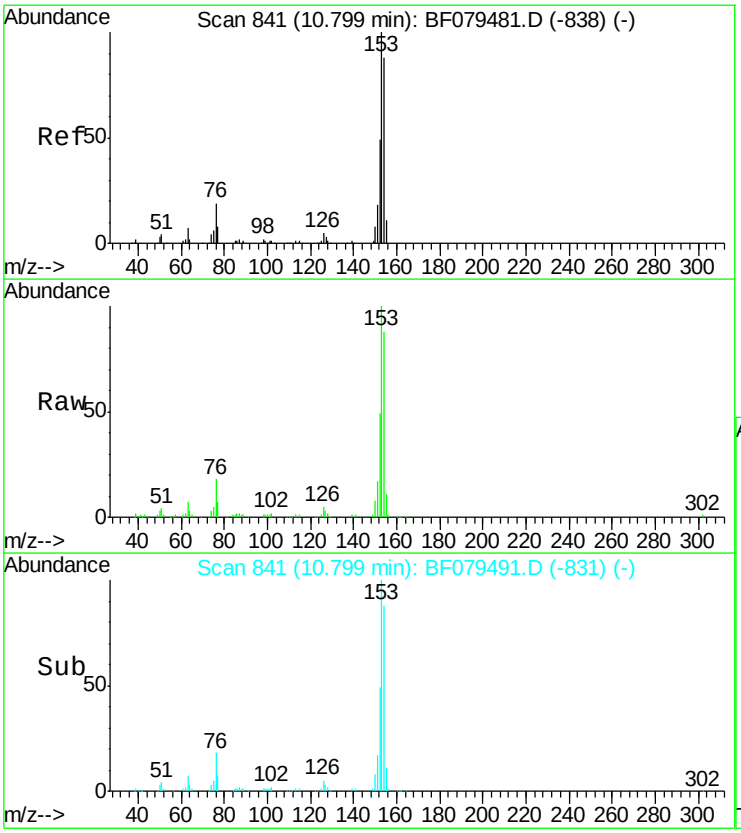
#44
2-Fluorobiphenyl
Concen: 10.30 ng
RT: 9.94 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:172 Resp: 141289

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.5	42.7
170	23.7	19.7	29.5

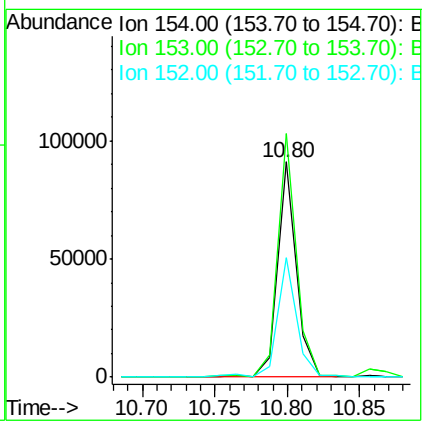


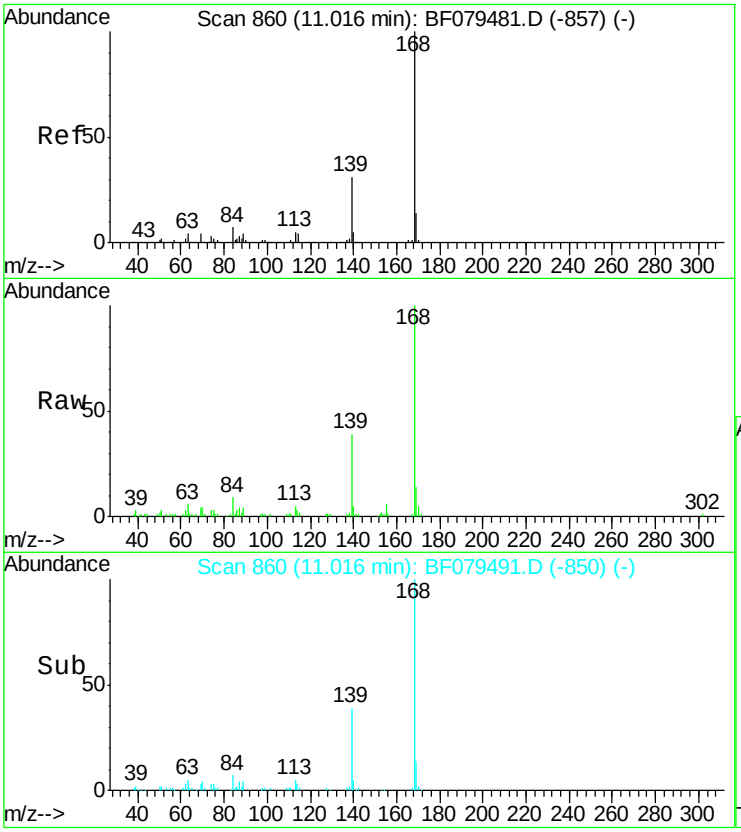


#51
Acenaphthene
Concen: 7.09 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:154 Resp: 81284

Ion	Ratio	Lower	Upper
154	100		
153	113.1	91.1	136.7
152	55.2	44.6	66.8



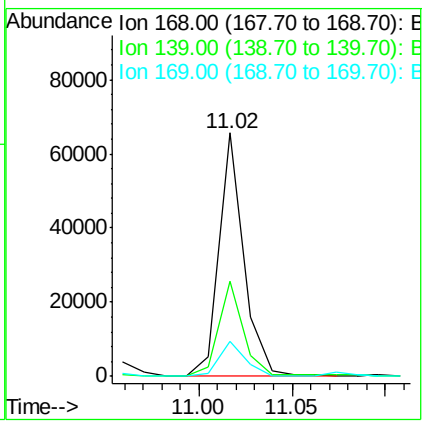


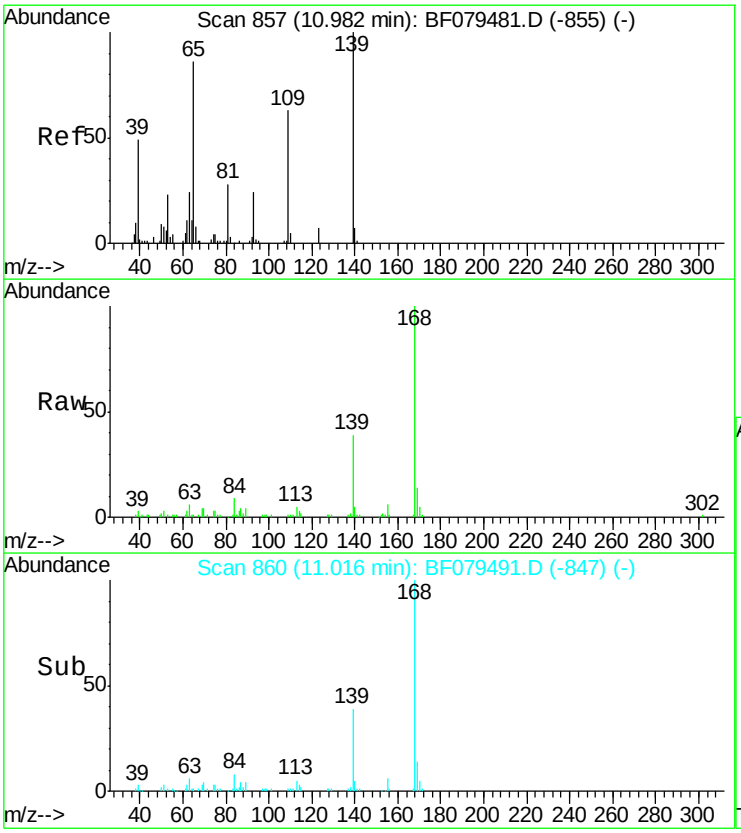
#54
Dibenzofuran
Concen: 3.62 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:168 Resp: 61237

Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.9	49.3
169	14.1	11.1	16.7

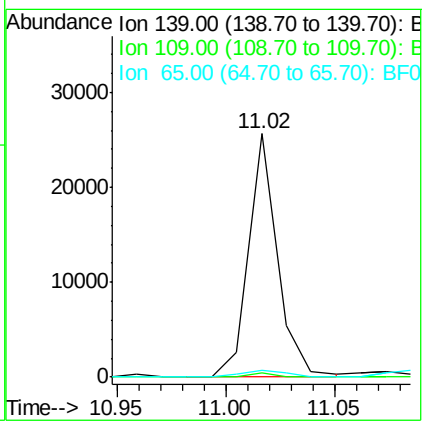


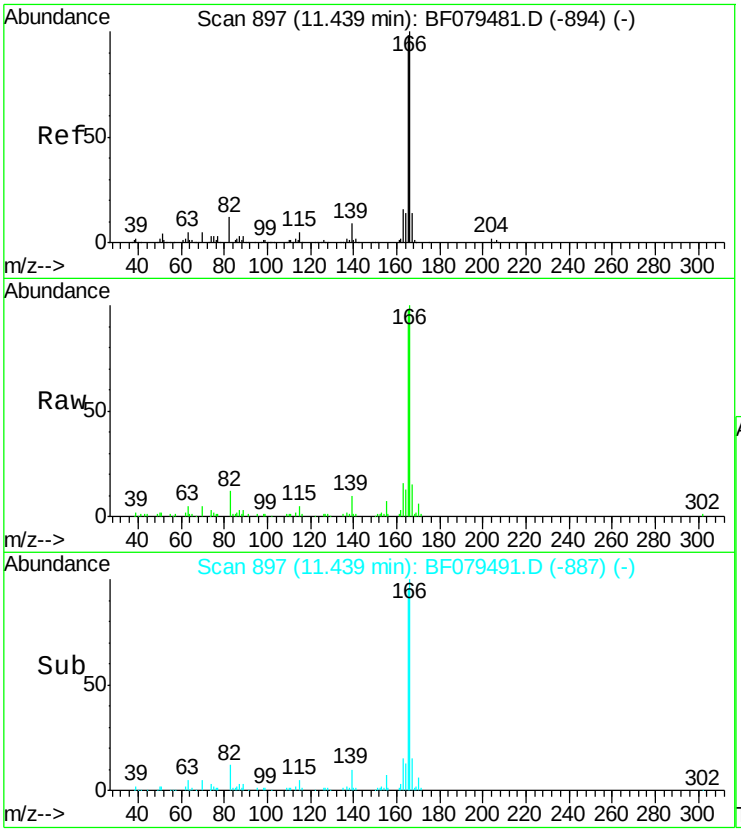


#55
4-Nitrophenol
Concen: 11.43 ng
RT: 11.02 min Scan# 860
Delta R.T. 0.03 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:139 Resp: 23749

Ion	Ratio	Lower	Upper
139	100		
109	1.6	42.8	82.8#
65	2.6	66.3	106.3#



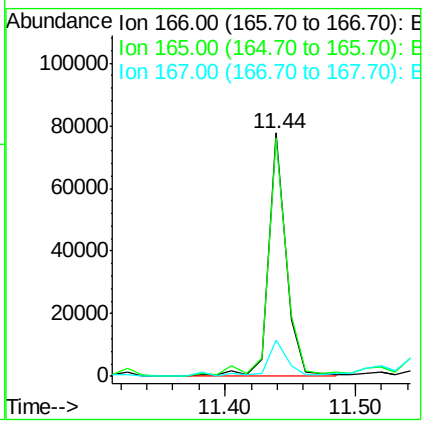


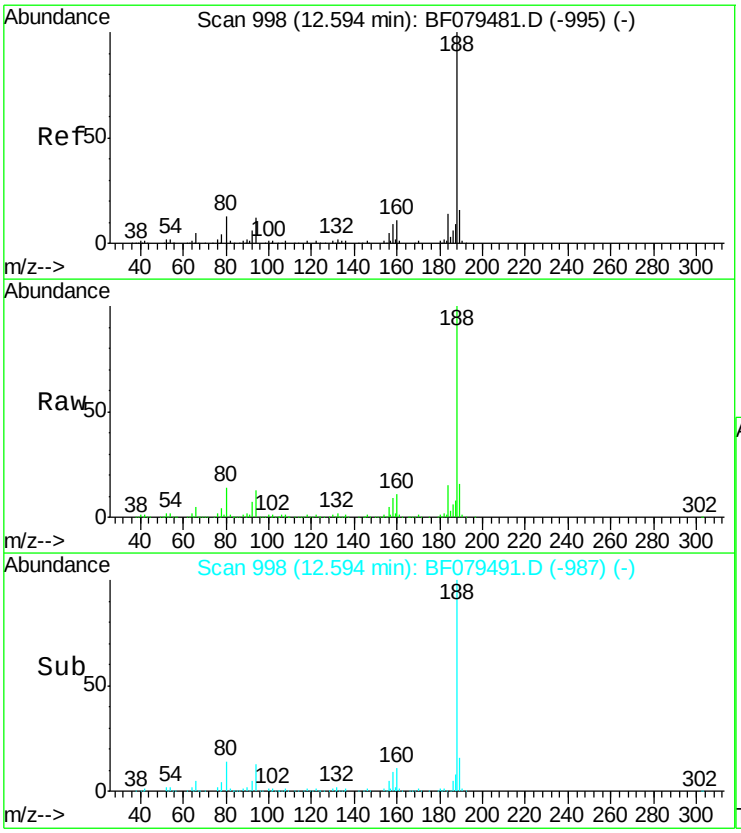
#57
Fluorene
Concen: 5.28 ng
RT: 11.44 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:166 Resp: 73623

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	14.9	10.8	16.2

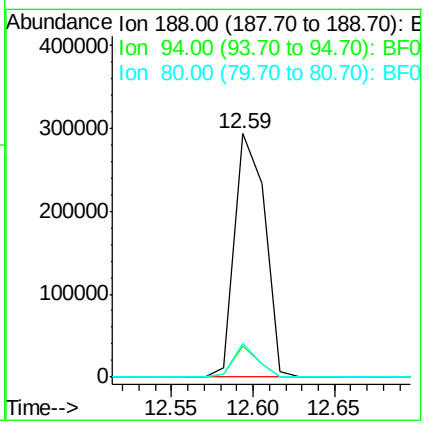


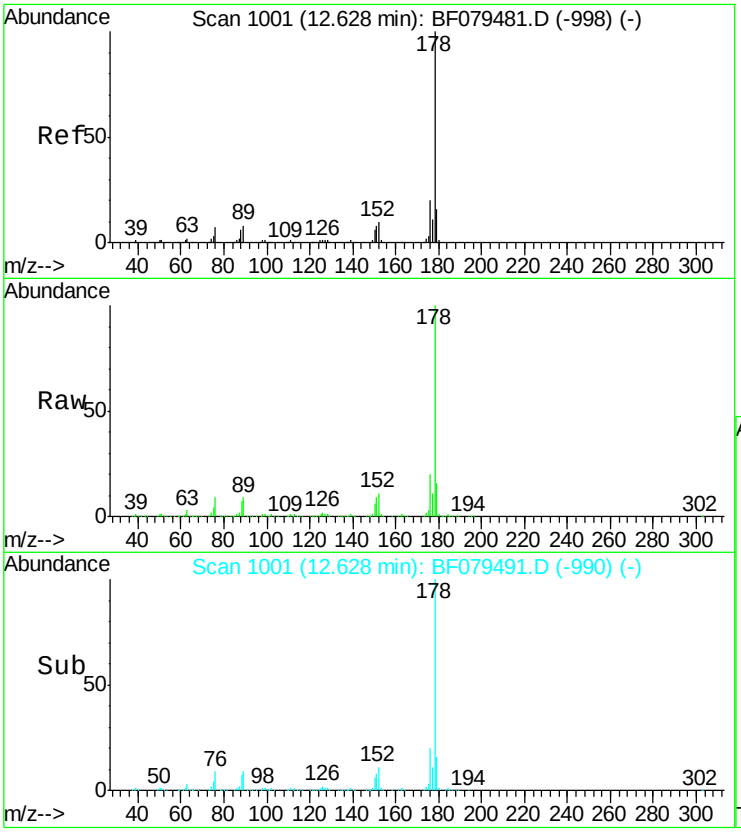


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:188 Resp: 375228

Ion	Ratio	Lower	Upper
188	100		
94	13.0	9.8	14.6
80	13.7	10.5	15.7



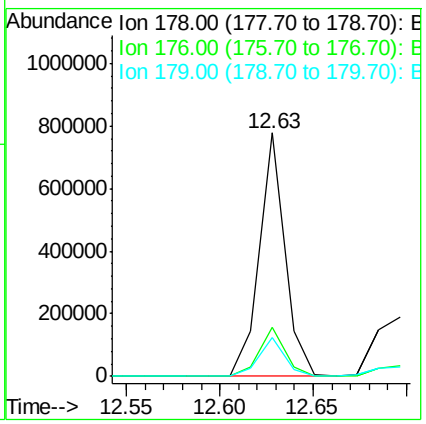


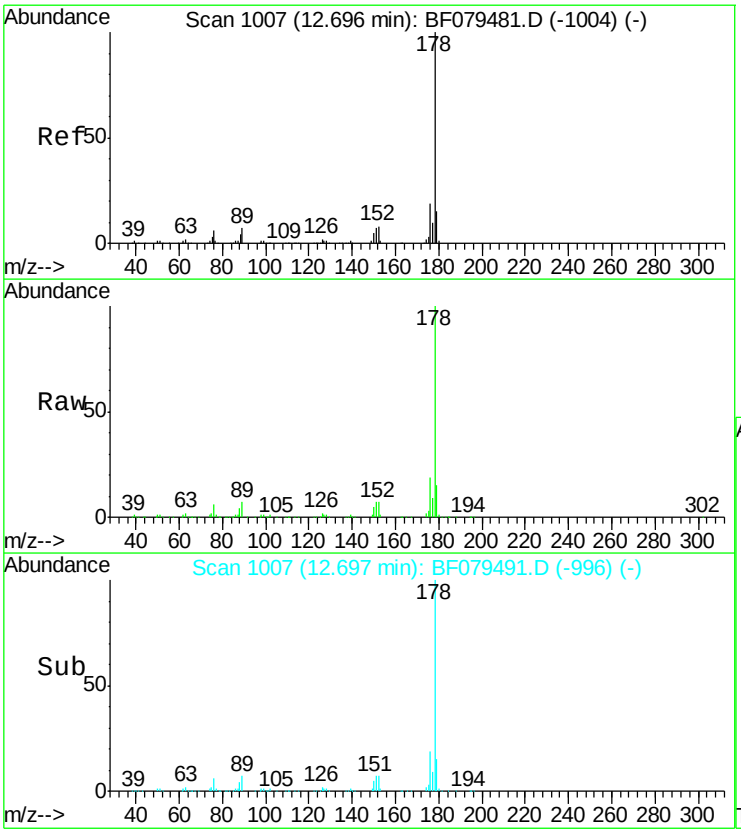
#70
Phenanthrene
Concen: 35.84 ng
RT: 12.63 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Instrument :
BNA_F
ClientSampleId :
SB-30D

Tgt Ion:178 Resp: 737774

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	15.9	12.4	18.6





#71
Anthracene
Concen: 11.51 ng
RT: 12.70 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF079491.D
Acq: 26 May 2015 22:50

Tgt Ion:178 Resp: 240491

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.5	12.2	18.4