Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092615\
Data File : BF081826.D
Acq On : 26 Sep 2015 14:24
Operator : UM/IZ
Sample : G3754-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7BS

Quant Time: Sep 28 05:11:05 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	138465	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	507480	20.00	ng		-0.01
38) Acenaphthene-d10	9.98	164	232730	20.00	ng		-0.02
63) Phenanthrene-d10	11.46	188	443511	20.00	ng		-0.01
75) Chrysene-d12	14.10	240	323956	20.00	ng		-0.01
86) Perylene-d12	15.58	264	282461	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	471963	57.66	ng		-0.01
7) Phenol-d6	6.55	99	368821	35.63	ng		-0.02
23) Nitrobenzene-d5	7.51	82	773456	100.56	ng		-0.01
41) 2,4,6-Tribromophenol	10.78	330	319791	158.27	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	1223726	86.32	ng		-0.01
78) Terphenyl-d14	13.06	244	1238646	87.34	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	8.24	128	256539	10.96	ng		98
45) 1,1'-Biphenyl	9.41	154	86363	4.75	ng		97
48) Acenaphthylene	9.84	152	137659	5.56	ng		96
49) Dimethylphthalate	9.69	163	96924	5.47	ng	#	97
51) Acenaphthene	10.01	154	204674	14.34	ng		88
57) Fluorene	10.53	166	109403	6.81	ng		91
70) Phenanthrene	11.49	178	367880	14.51	ng		97
71) Anthracene	11.54	178	50200	2.05	ng		97

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

Quantitation Report (LSC Reviewed)

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Operator : UM/IZ
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Misc :
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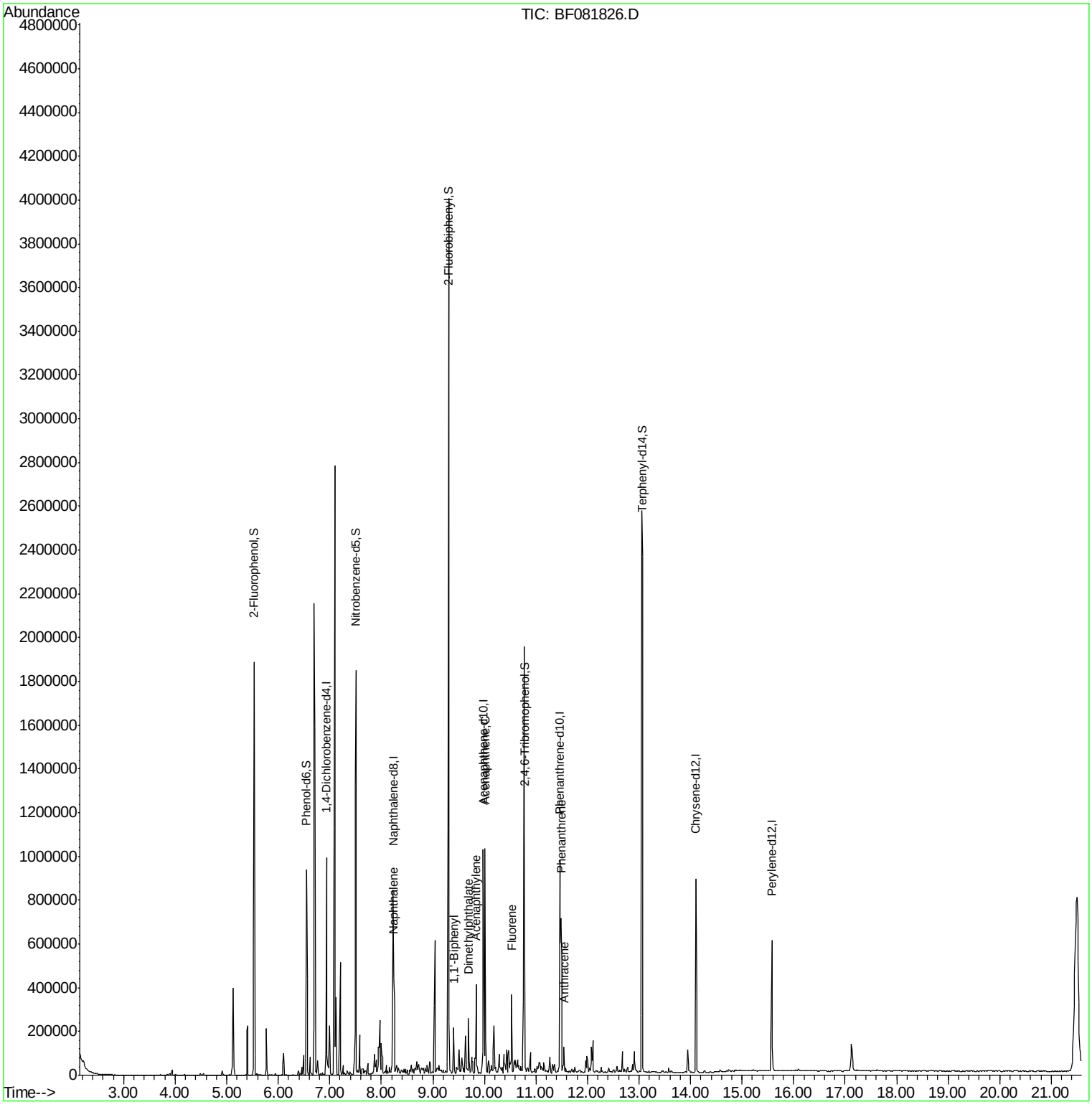
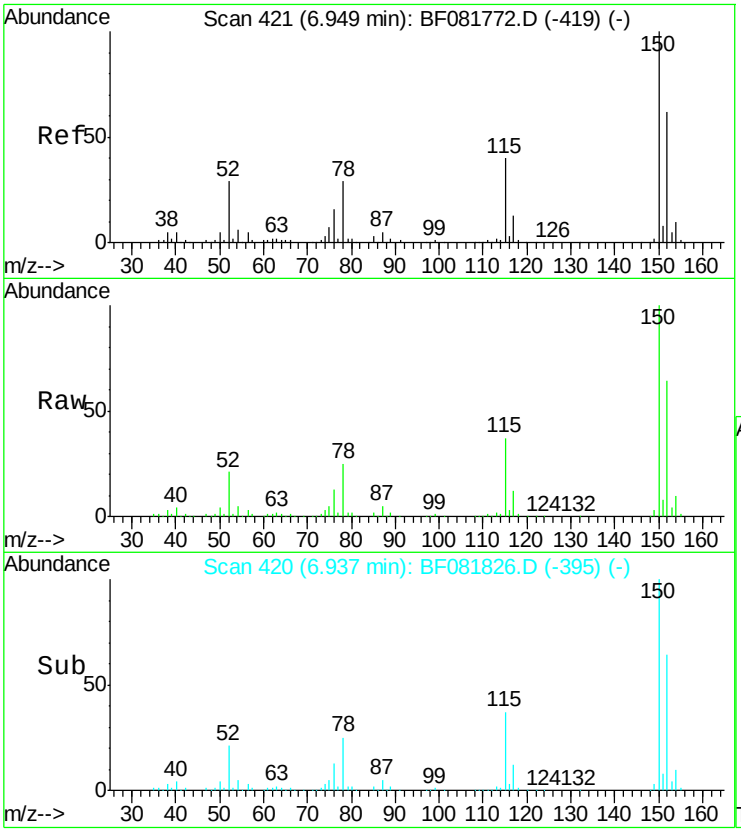


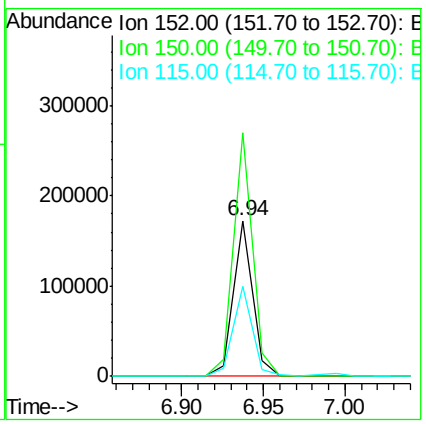


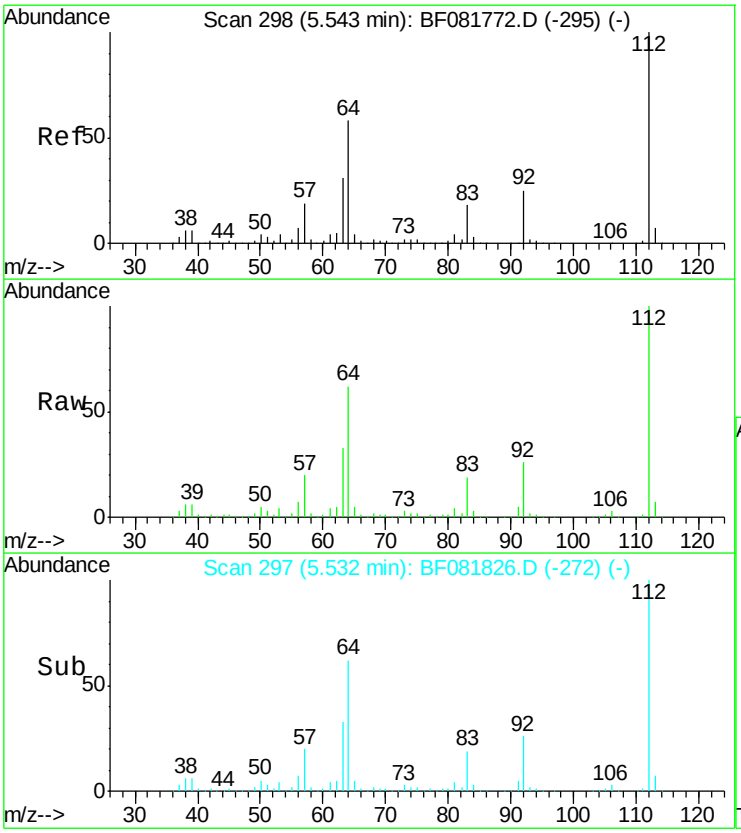
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:152 Resp: 138465

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.7	187.1
115	58.2	39.0	58.4

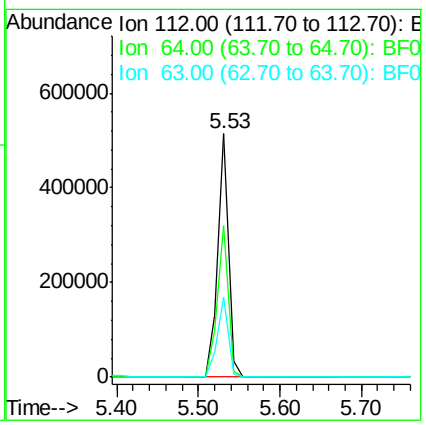


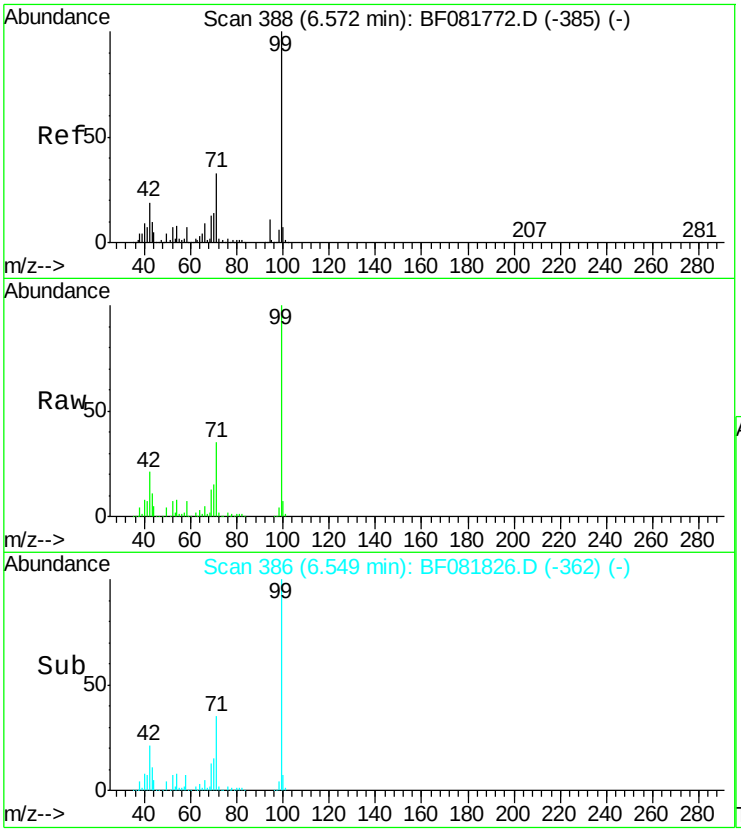


#5
2-Fluorophenol
Concen: 57.66 ng
RT: 5.53 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:112 Resp: 471963

Ion	Ratio	Lower	Upper
112	100		
64	62.0	39.7	59.5#
63	32.8	17.4	26.0#



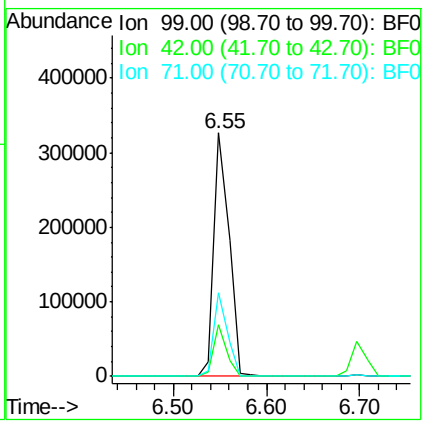


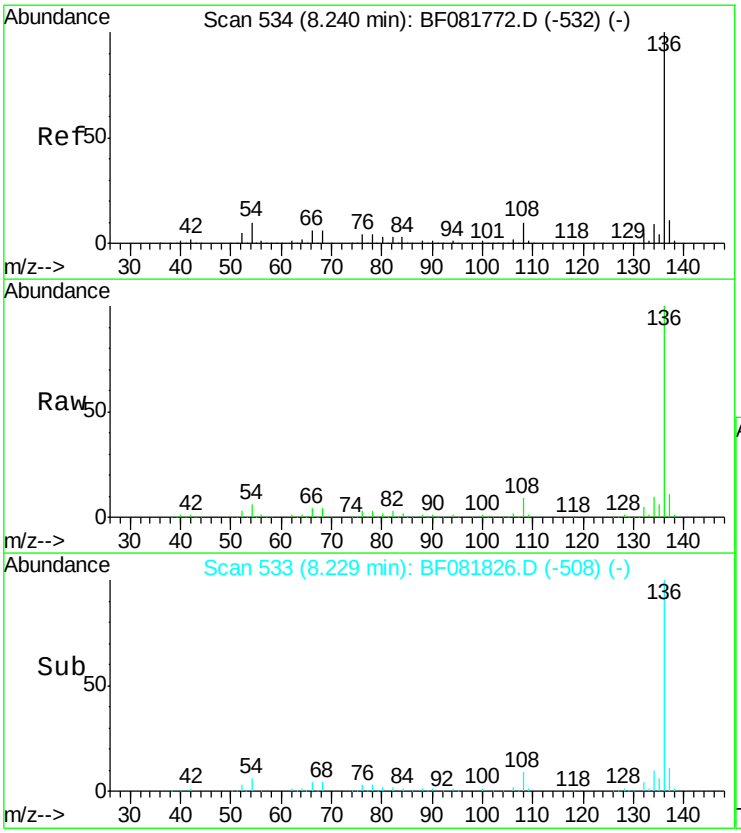
#7
Phenol-d6
Concen: 35.63 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion: 99 Resp: 368821

Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.7	20.5#
71	34.6	14.2	21.2#

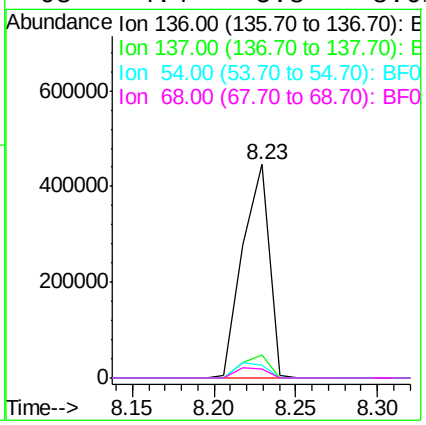


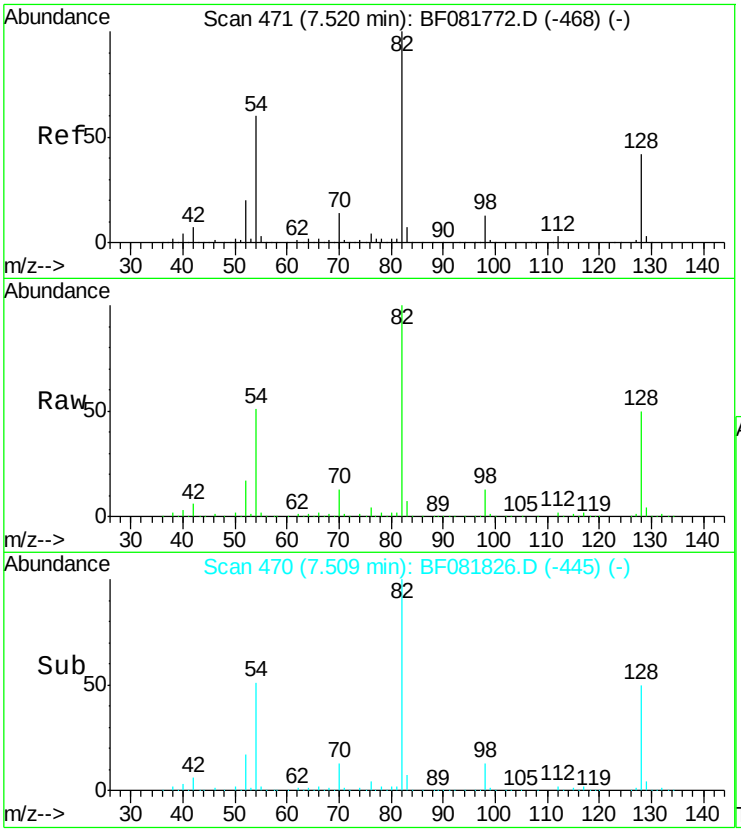


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:136 Resp: 507480

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.1	8.2	12.2#
68	4.4	5.8	8.6#



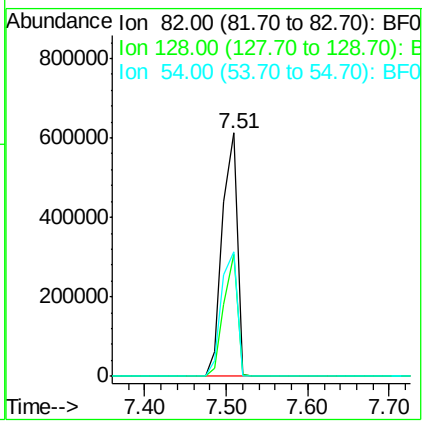


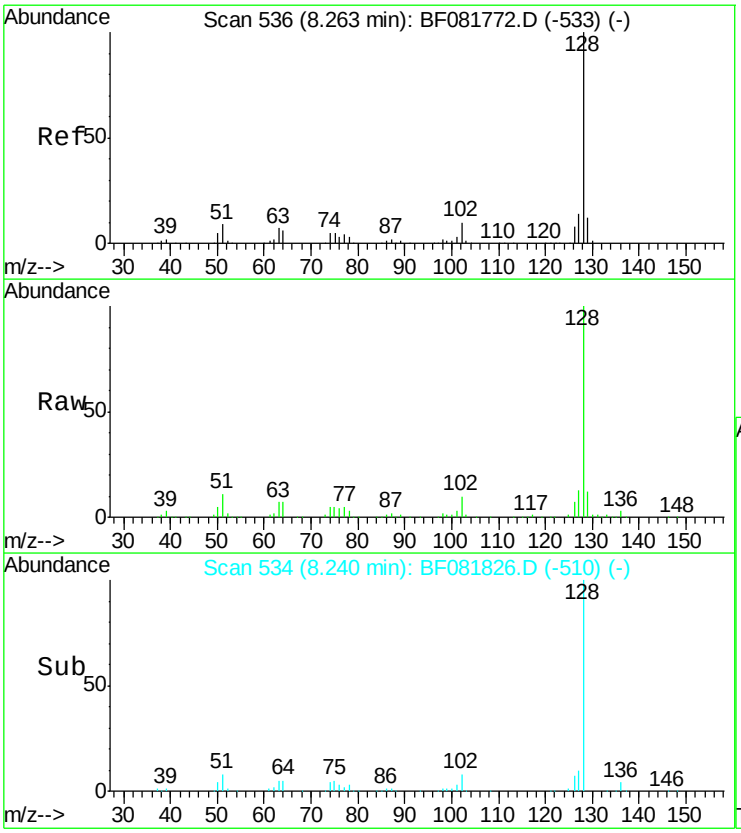
#23
Nitrobenzene-d5
Concen: 100.56 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion: 82 Resp: 773456

Ion	Ratio	Lower	Upper
82	100		
128	50.3	51.0	76.6#
54	51.0	47.5	71.3

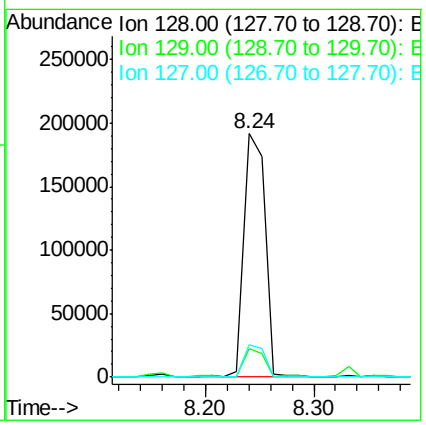


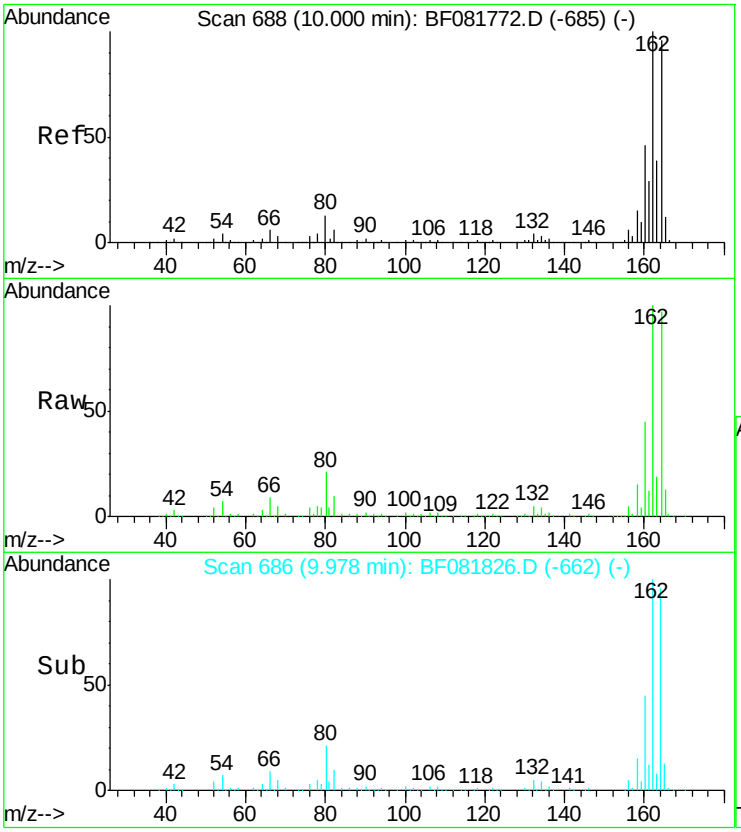


#31
Naphthalene
Concen: 10.96 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:128 Resp: 256539

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.4	12.6
127	13.2	9.9	14.9



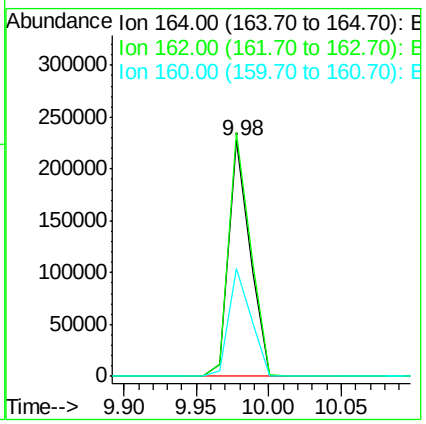


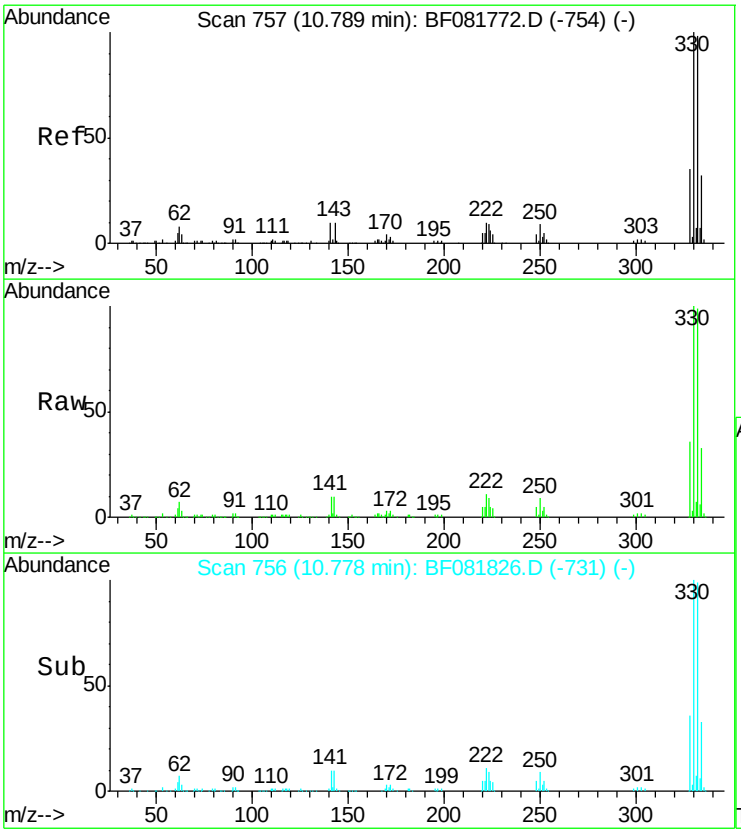
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:164 Resp: 232730

Ion	Ratio	Lower	Upper
164	100		
162	103.3	75.2	112.8
160	46.0	31.5	47.3

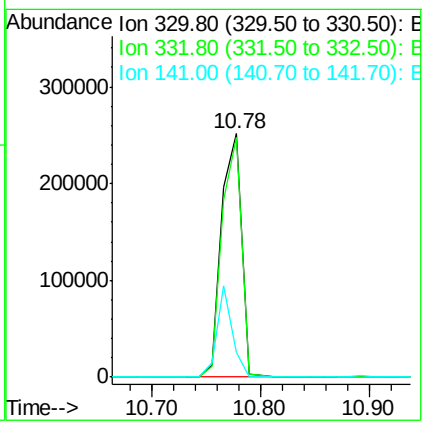


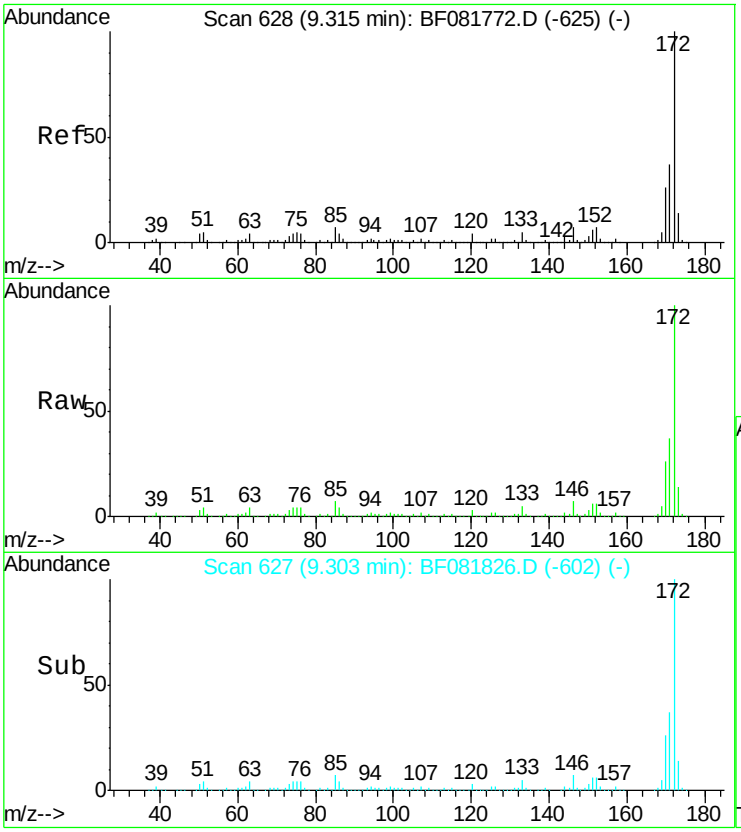


#41
2,4,6-Tribromophenol
Concen: 158.27 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:330 Resp: 319791

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	29.9	29.7	44.5



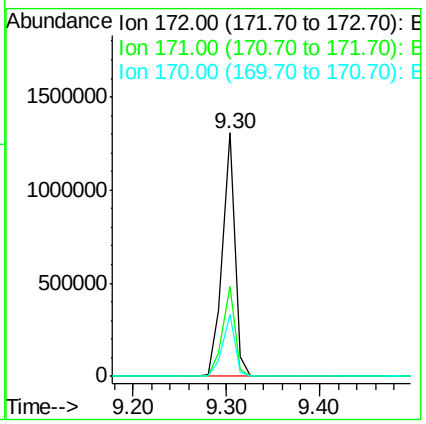


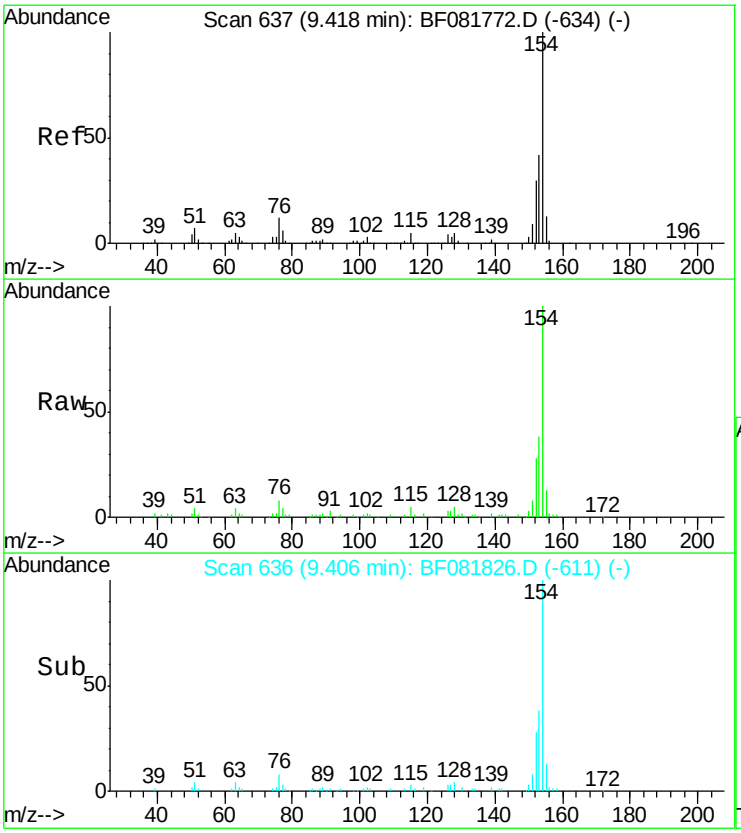
#44
2-Fluorobiphenyl
Concen: 86.32 ng
RT: 9.30 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:172 Resp: 1223726

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.6	17.4	26.2

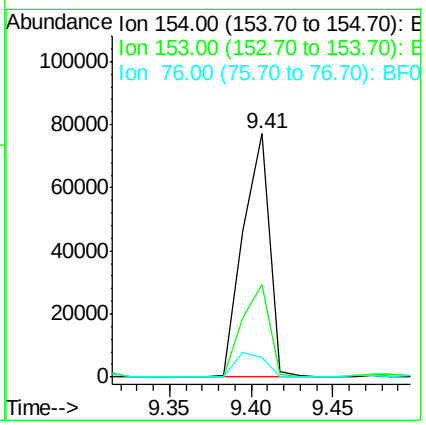


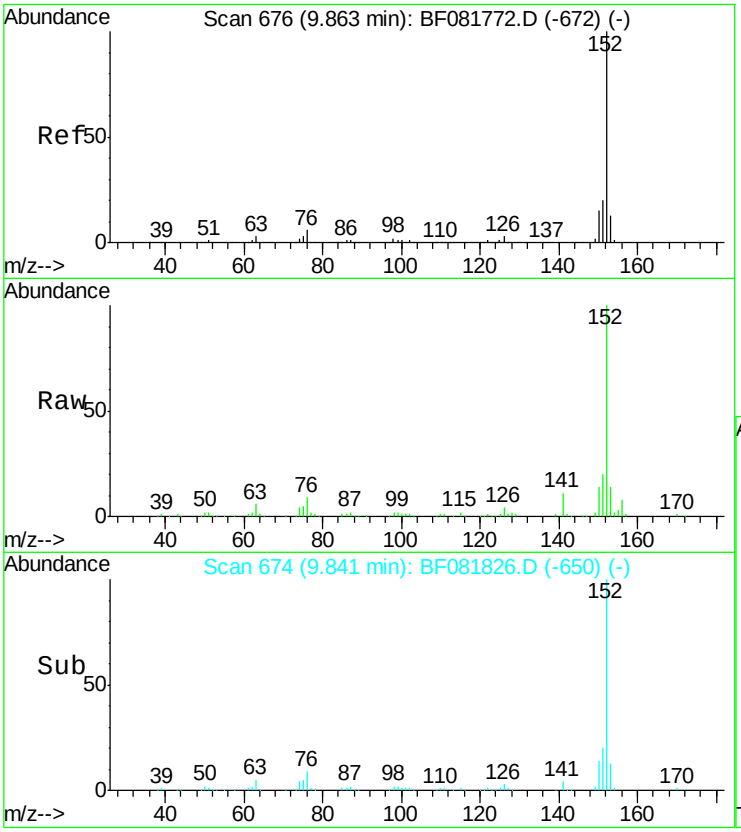


#45
1,1'-Biphenyl
Concen: 4.75 ng
RT: 9.41 min Scan# 636
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:154 Resp: 86363

Ion	Ratio	Lower	Upper
154	100		
153	38.0	17.1	57.1
76	7.9	0.0	31.6



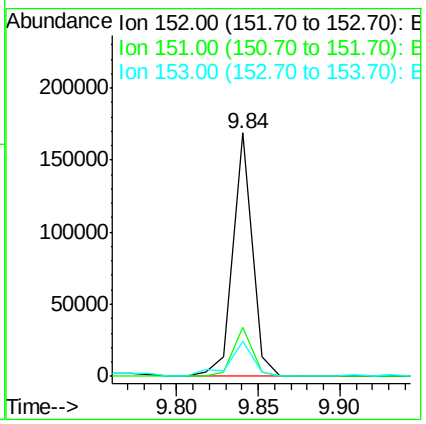


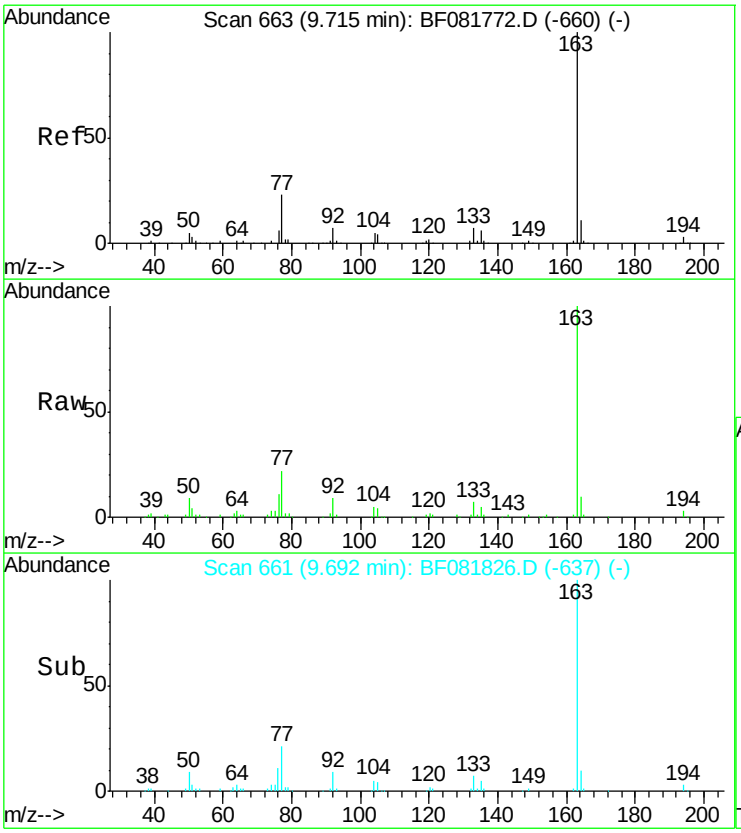
#48
Acenaphthylene
Concen: 5.56 ng
RT: 9.84 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:152 Resp: 137659

Ion	Ratio	Lower	Upper
152	100		
151	19.9	14.6	22.0
153	14.2	10.3	15.5

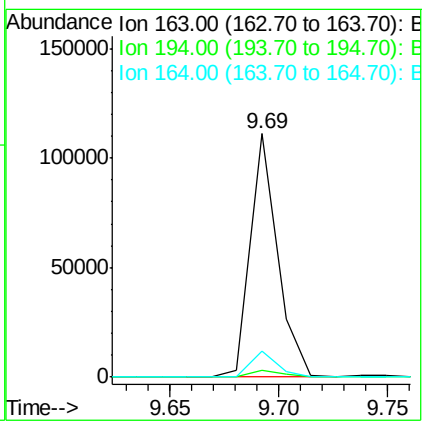


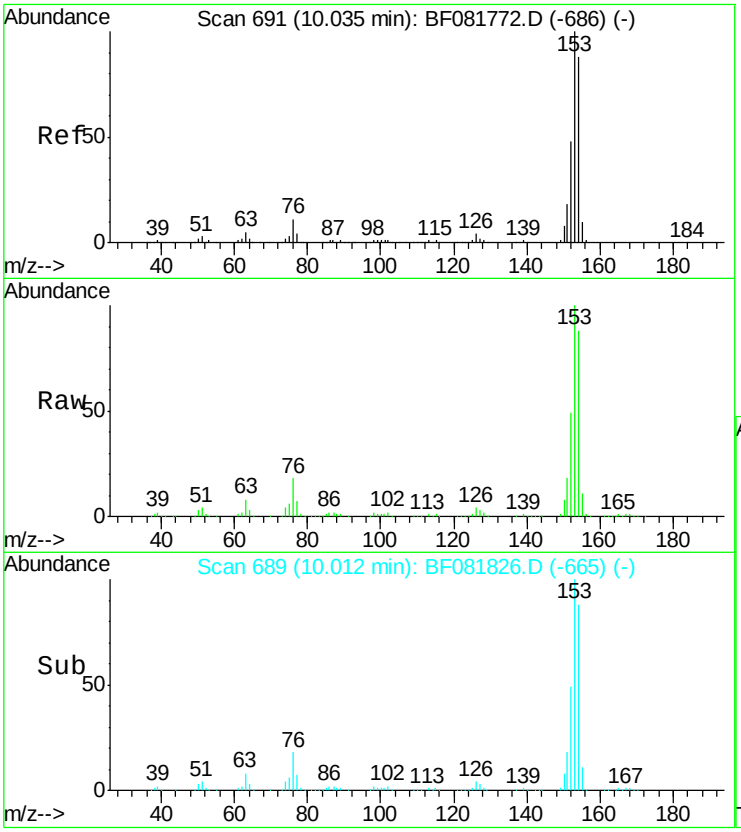


#49
Dimethylphthalate
Concen: 5.47 ng
RT: 9.69 min Scan# 661
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:163 Resp: 96924

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.5	8.3	12.5



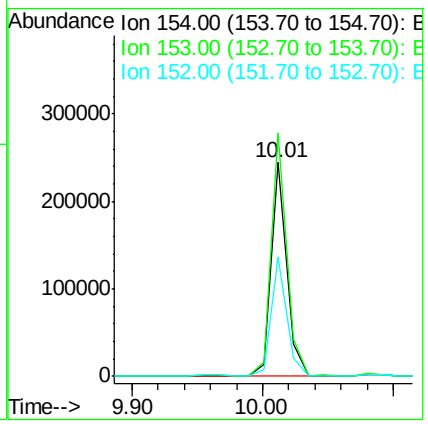


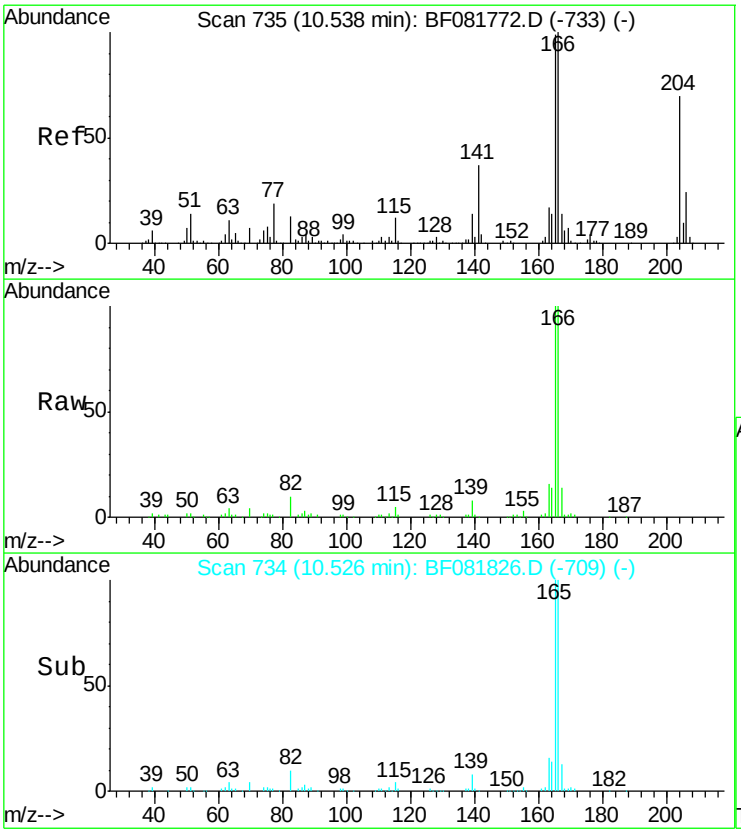
#51
Acenaphthene
Concen: 14.34 ng
RT: 10.01 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:154 Resp: 204674

Ion	Ratio	Lower	Upper
154	100		
153	113.9	82.1	123.1
152	55.7	37.9	56.9

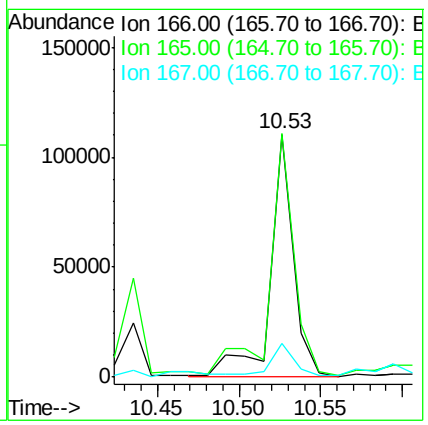


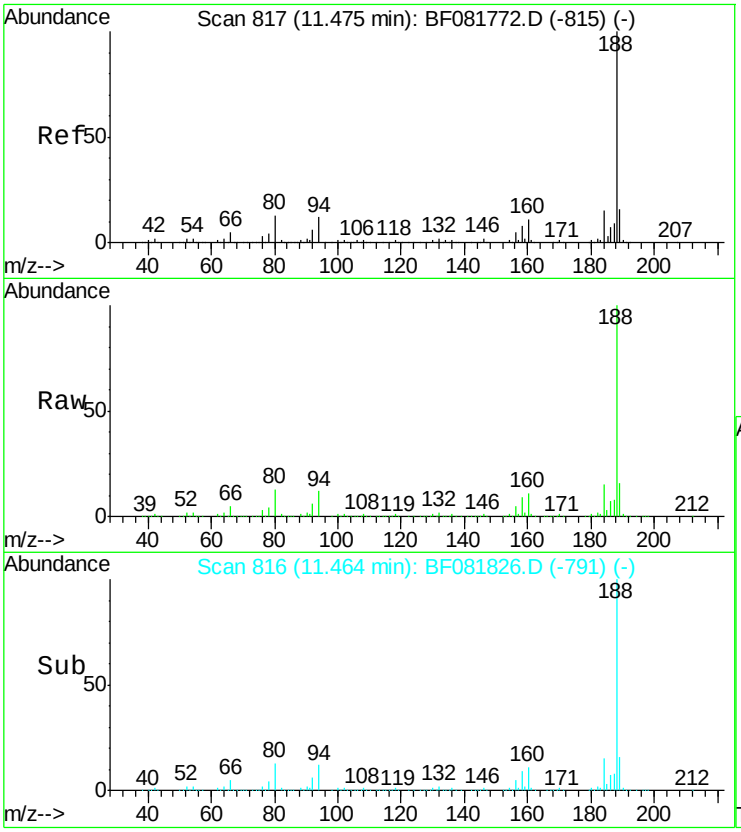


#57
Fluorene
Concen: 6.81 ng
RT: 10.53 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:166 Resp: 109403

Ion	Ratio	Lower	Upper
166	100		
165	100.4	72.6	109.0
167	13.7	10.6	16.0



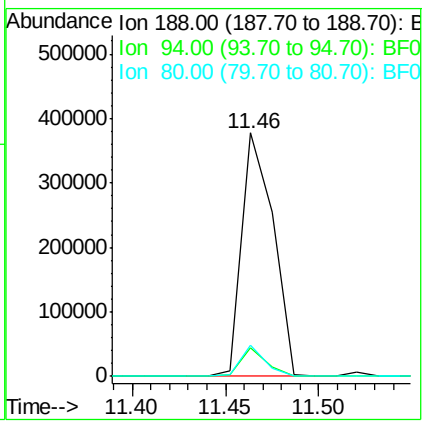


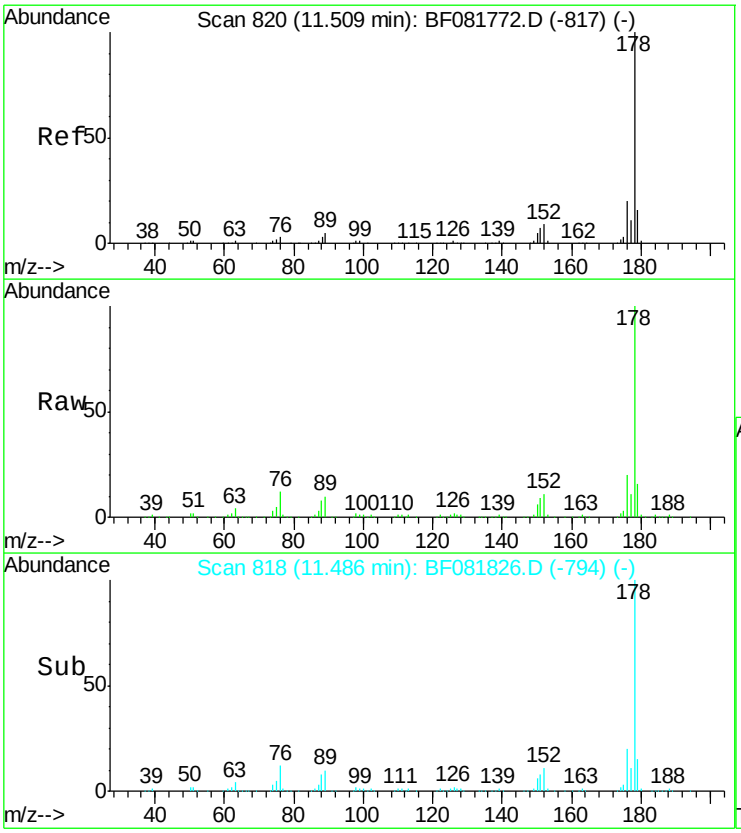
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:188 Resp: 443511

Ion	Ratio	Lower	Upper
188	100		
94	11.8	11.1	16.7
80	12.8	11.0	16.4

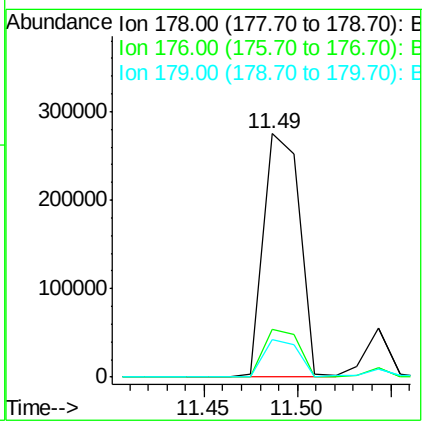


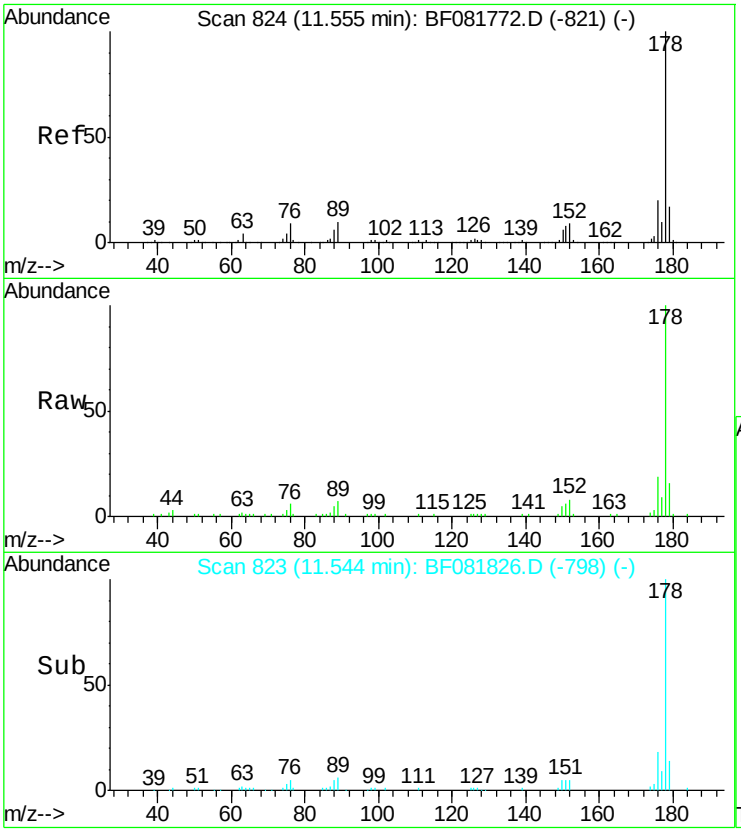


#70
Phenanthrene
Concen: 14.51 ng
RT: 11.49 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:178 Resp: 367880

Ion	Ratio	Lower	Upper
178	100		
176	19.7	13.8	20.8
179	15.7	12.2	18.2



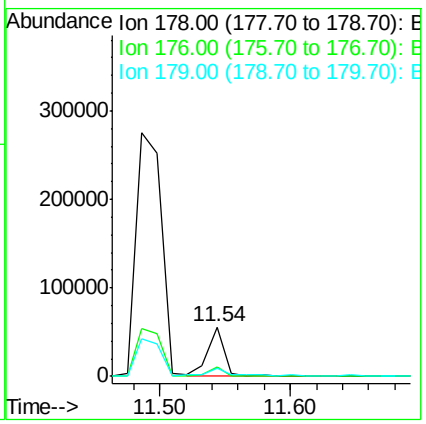


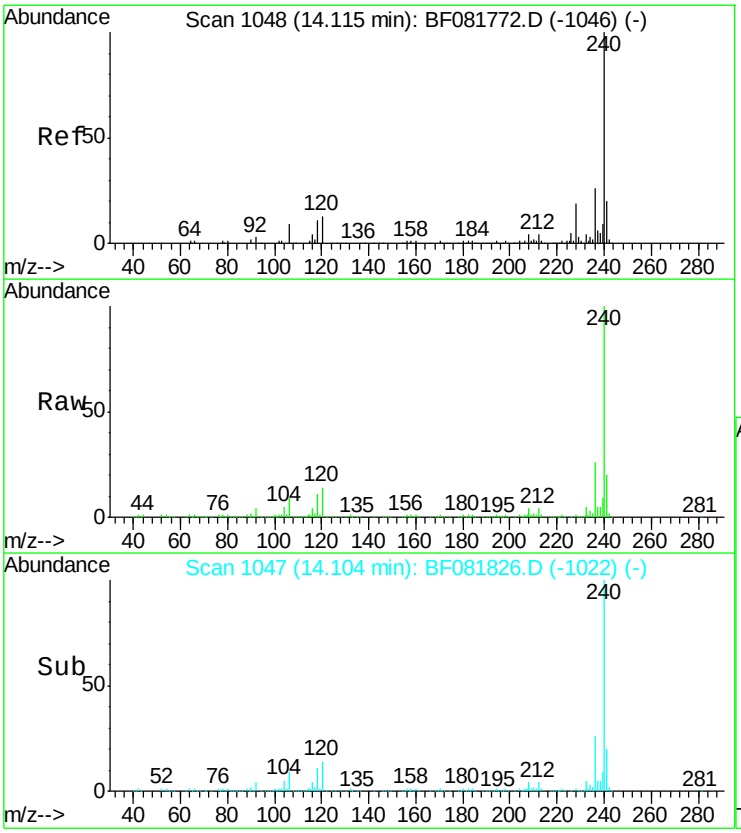
#71
Anthracene
Concen: 2.05 ng
RT: 11.54 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:178 Resp: 50200

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.1	21.1
179	16.1	12.2	18.2

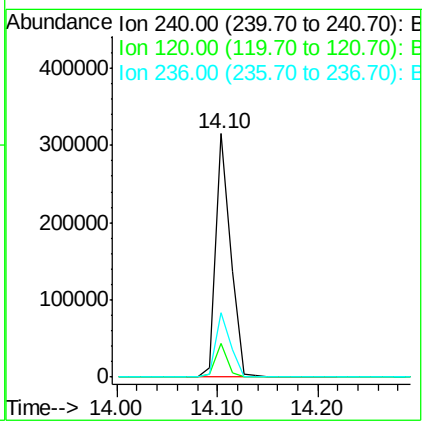


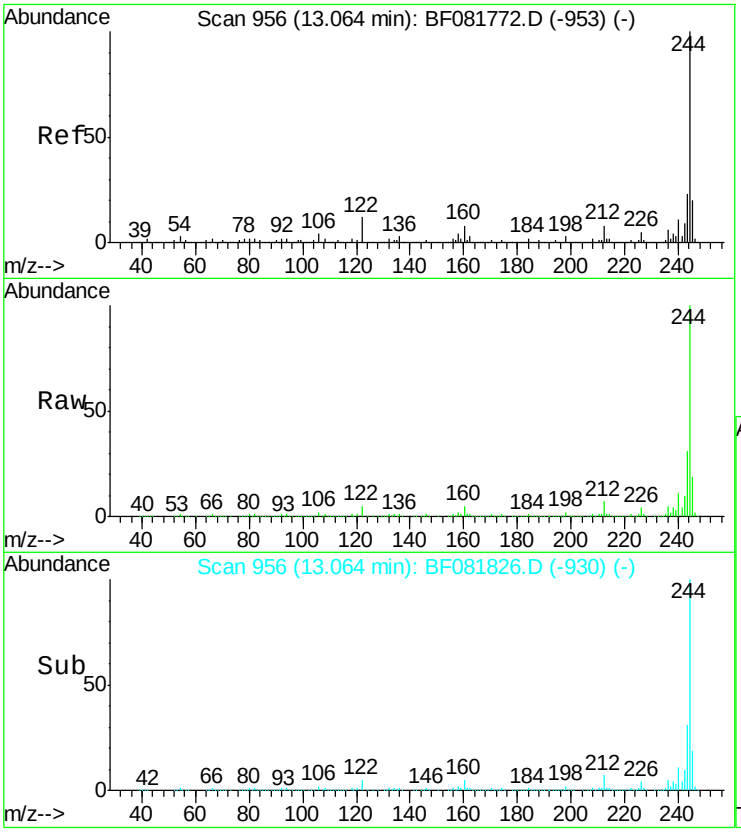


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.10 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:240 Resp: 323956

Ion	Ratio	Lower	Upper
240	100		
120	14.0	16.2	24.2#
236	26.4	18.4	27.6



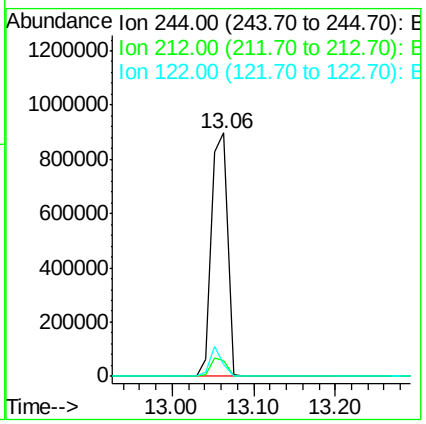


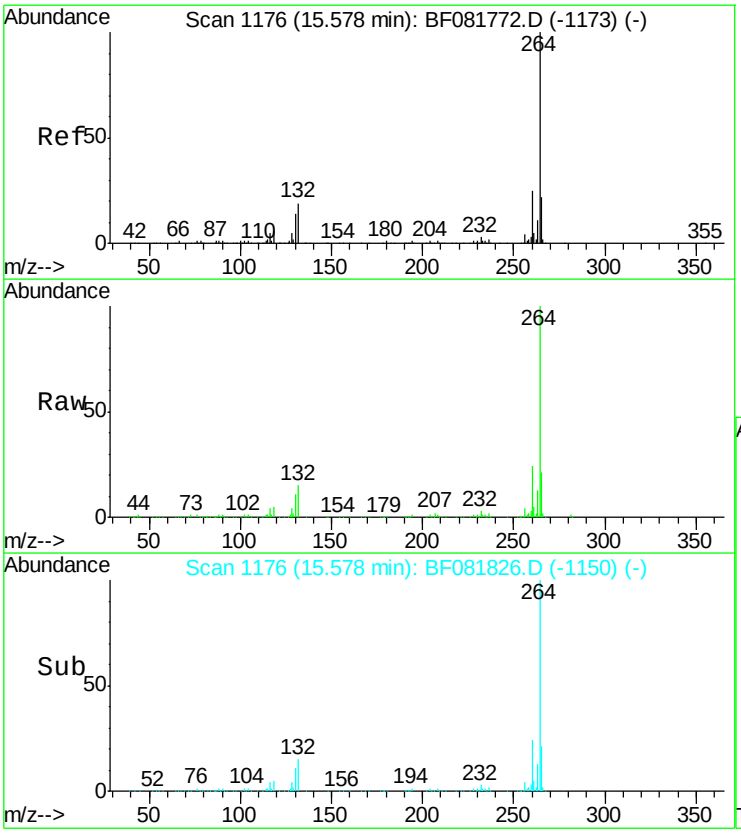
#78
Terphenyl-d14
Concen: 87.34 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Instrument :
BNA_F
ClientSampleId :
MW-7BS

Tgt Ion:244 Resp: 1238646

Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.3	6.5#
122	5.1	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081826.D
Acq: 26 Sep 2015 14:24

Tgt Ion:264 Resp: 282461

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.7	25.1
265	21.1	17.2	25.8