Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112415\
Data File : BF083238.D
Acq On : 24 Nov 2015 15:50
Operator : UM/IZ
Sample : G4503-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-7

Quant Time: Nov 24 17:09:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	174700	20.00	ng		-0.01
21) Naphthalene-d8	7.90	136	660726	20.00	ng		-0.01
38) Acenaphthene-d10	9.64	164	329640	20.00	ng		-0.01
63) Phenanthrene-d10	11.13	188	621831	20.00	ng		0.00
75) Chrysene-d12	13.75	240	487116	20.00	ng		-0.01
86) Perylene-d12	15.11	264	373964	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	738367	63.90	ng		0.01
7) Phenol-d6	6.28	99	631000	42.20	ng		0.00
23) Nitrobenzene-d5	7.19	82	1498332	103.62	ng		0.00
41) 2,4,6-Tribromophenol	10.44	330	473717	140.47	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	2026293	85.72	ng		-0.01
78) Terphenyl-d14	12.72	244	1906393	92.16	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.30	94	55307	3.06	ng		81
17) 2-Methylphenol	6.90	107	42745	4.14	ng	#	83
20) 3+4-Methylphenols	7.06	107	147353	11.28	ng		95
22) Acetophenone	7.03	105	54420	2.87	ng	#	94
27) 2,4-Dimethylphenol	7.59	122	59321	5.45	ng		90
31) Naphthalene	7.92	128	1604199	44.99	ng		98
37) 2-Methylnaphthalene	8.62	142	184260	7.96	ng		96
49) Dimethylphthalate	9.38	163	70410	2.77	ng		98
51) Acenaphthene	9.68	154	203000	9.77	ng		97
54) Dibenzofuran	9.85	168	208691	7.10	ng		97
57) Fluorene	10.19	166	198737	8.18	ng		99
70) Phenanthrene	11.15	178	591030	16.50	ng		98
71) Anthracene	11.20	178	111261	3.04	ng		97
72) Carbazole	11.37	167	412008	12.68	ng		97
74) Fluoranthene	12.33	202	117038	3.19	ng		99
77) Pyrene	12.56	202	79716	2.40	ng		97

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

Quantitation Report (LSC Reviewed)

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Misc :
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Instrument : BNA_F
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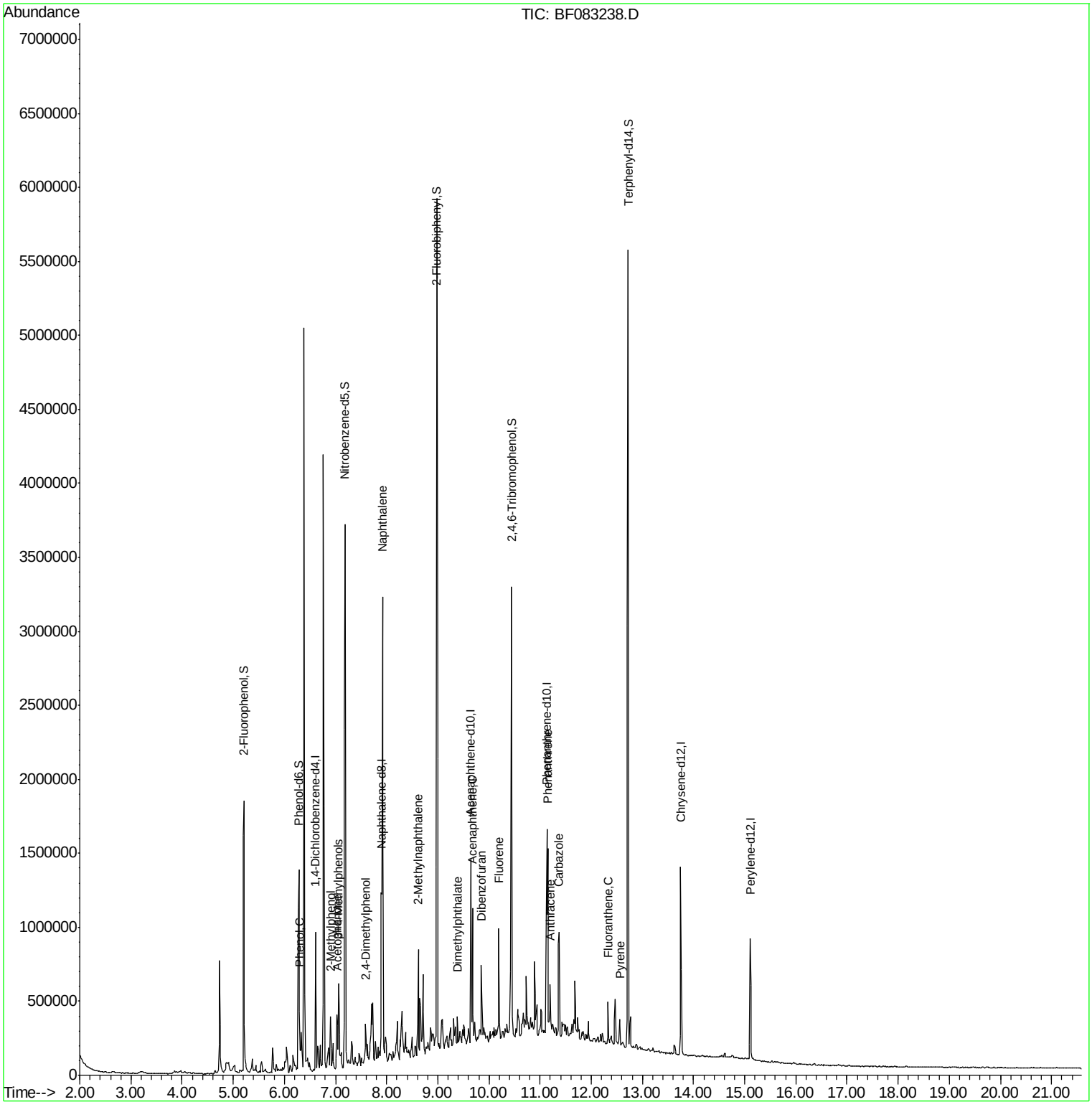
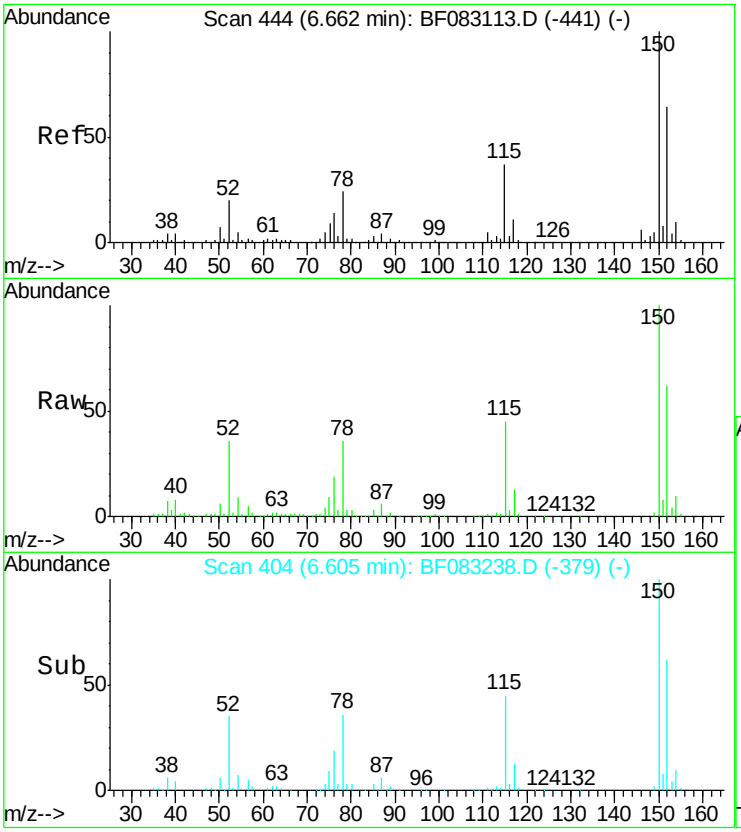
Quant Time: Nov 24 17:09:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 15:18:40 2015
Response via : Initial Calibration



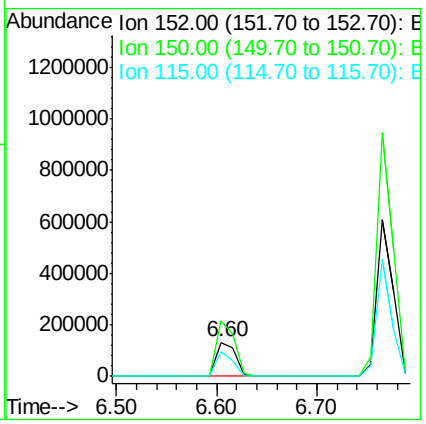


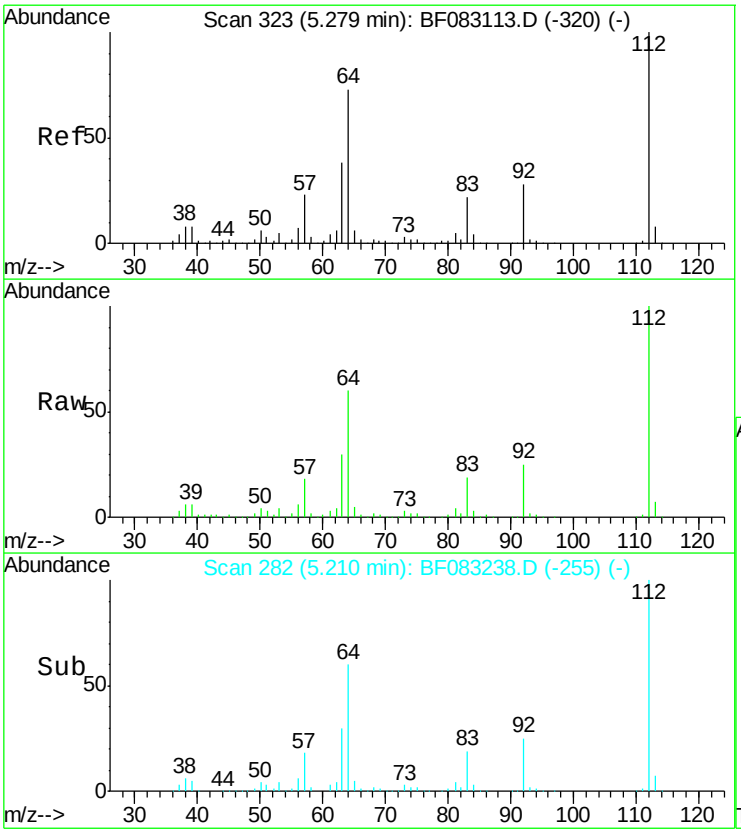
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 174700

Ion	Ratio	Lower	Upper
152	100		
150	161.6	125.8	188.8
115	73.0	46.9	70.3#

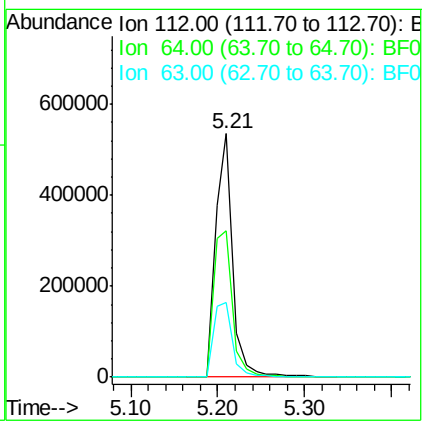


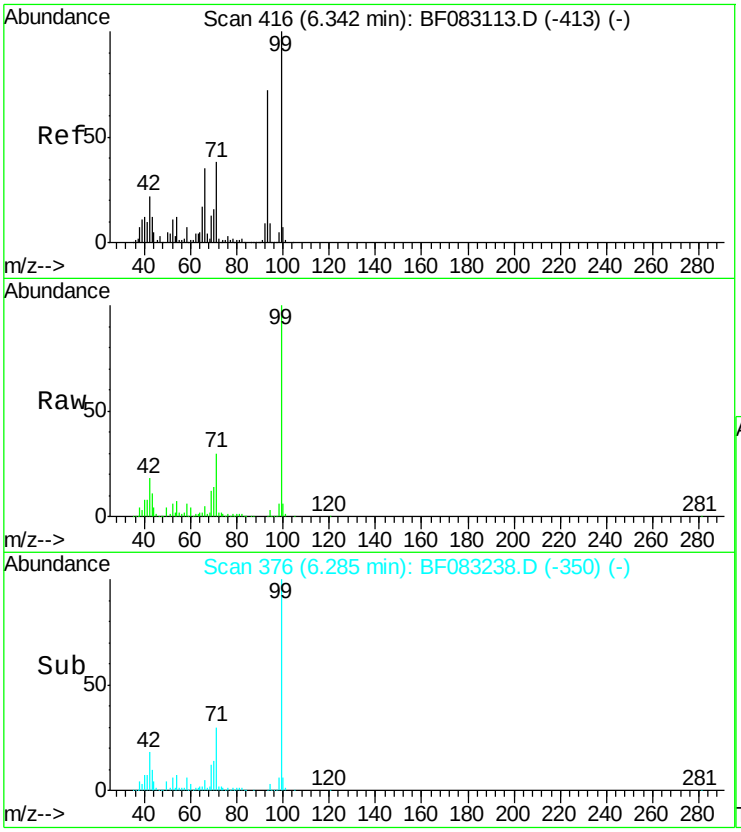


#5
2-Fluorophenol
Concen: 63.90 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:112 Resp: 738367

Ion	Ratio	Lower	Upper
112	100		
64	60.2	58.4	87.6
63	30.5	30.0	45.0



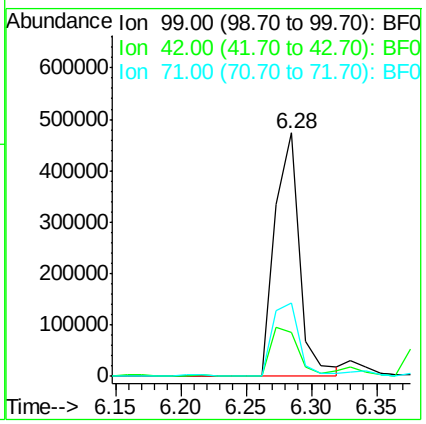


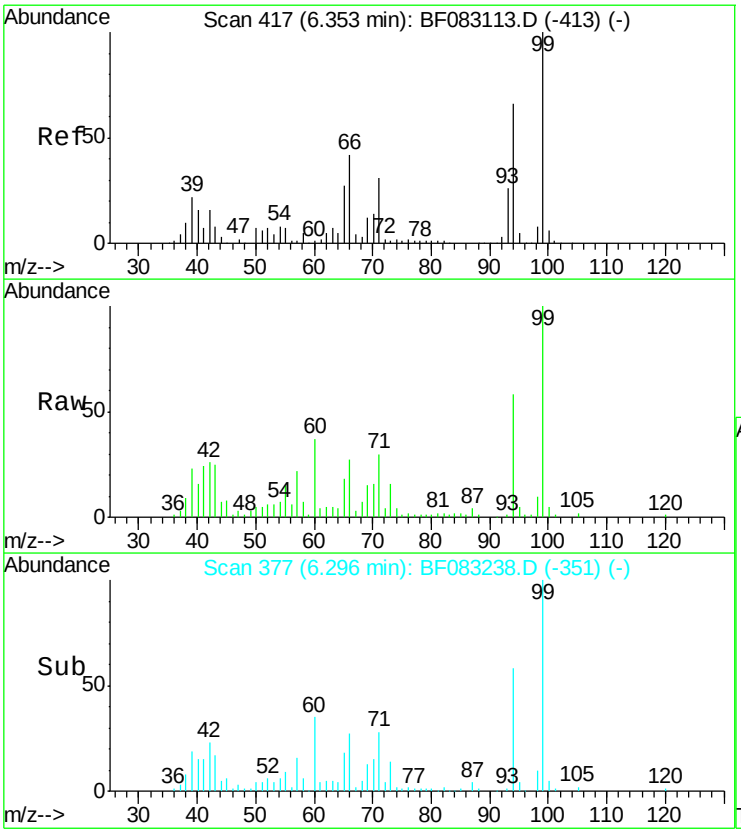
#7
Phenol-d6
Concen: 42.20 ng
RT: 6.28 min Scan# 376
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion: 99 Resp: 631000

Ion	Ratio	Lower	Upper
99	100		
42	18.0	17.7	26.5
71	30.2	30.2	45.4#

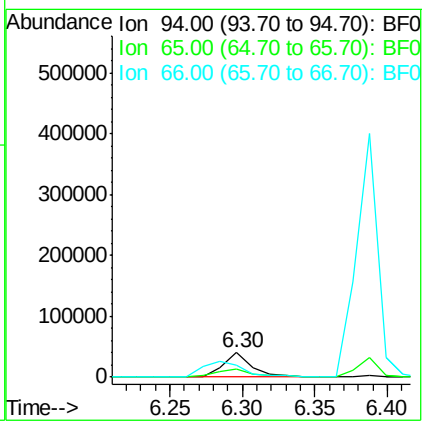


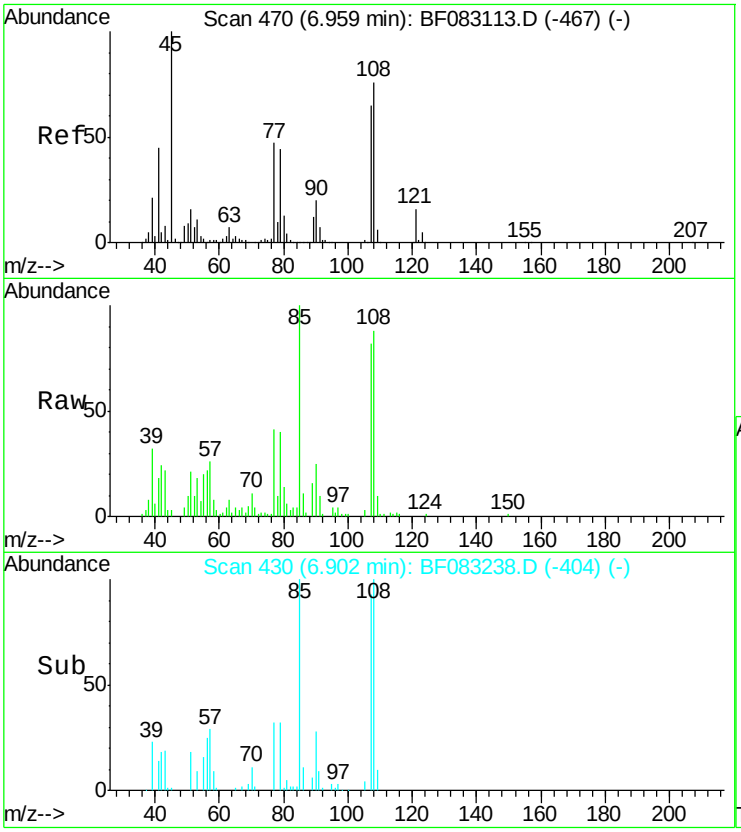


#10
Phenol
Concen: 3.06 ng
RT: 6.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion: 94 Resp: 55307

Ion	Ratio	Lower	Upper
94	100		
65	31.2	21.1	61.1
66	46.7	43.1	83.1



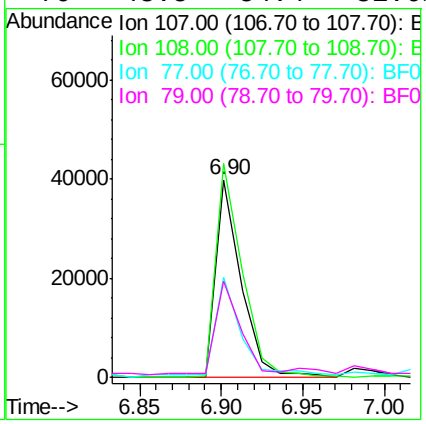


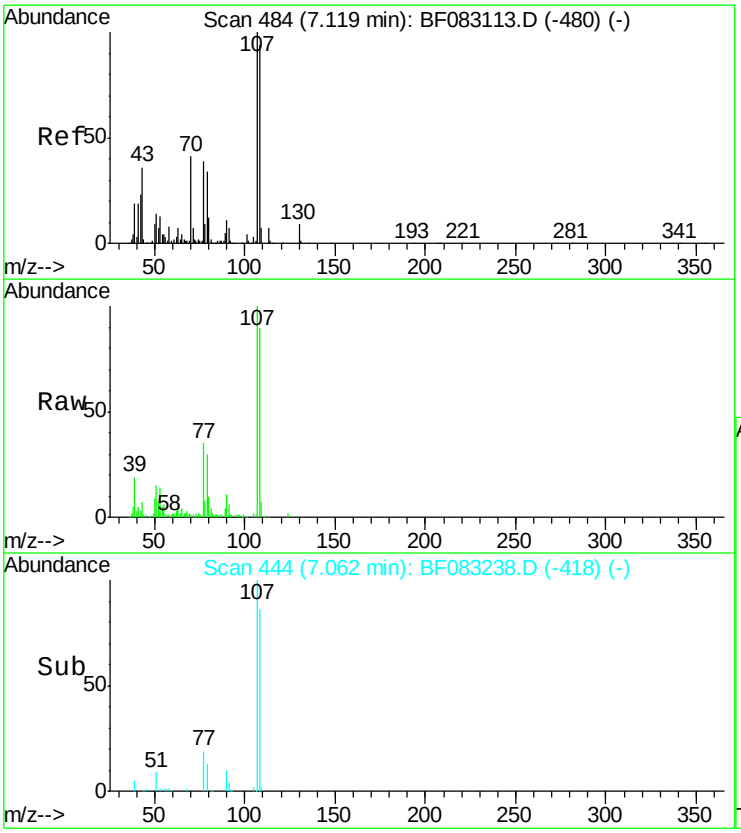
#17
2-Methylphenol
Concen: 4.14 ng
RT: 6.90 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:107 Resp: 42745

Ion	Ratio	Lower	Upper
107	100		
108	108.1	93.8	140.6
77	50.6	57.4	86.0#
79	48.5	54.4	81.6#

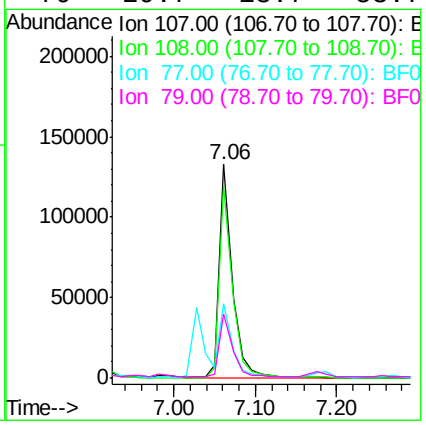


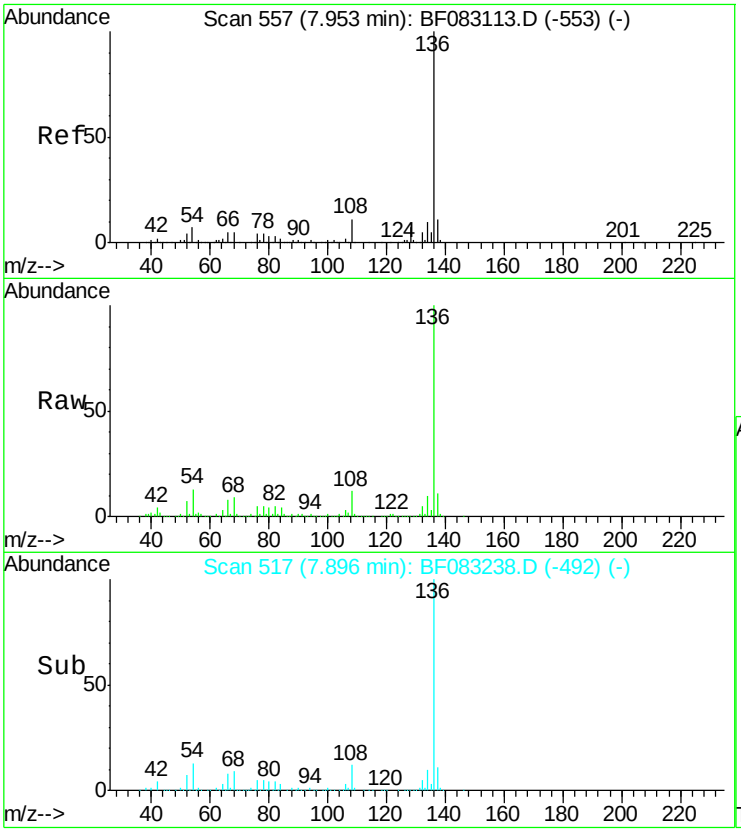


#20
3+4-Methylphenols
Concen: 11.28 ng
RT: 7.06 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:107 Resp: 147353

Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.8	113.8
77	35.0	19.1	59.1
79	29.7	13.7	53.7



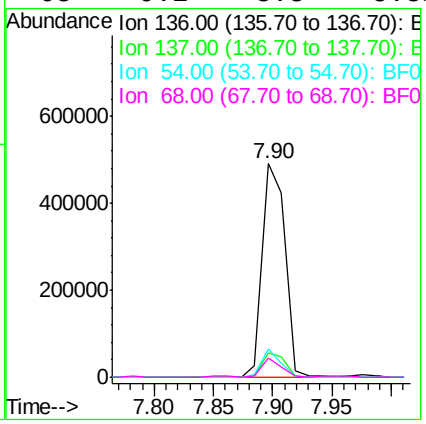


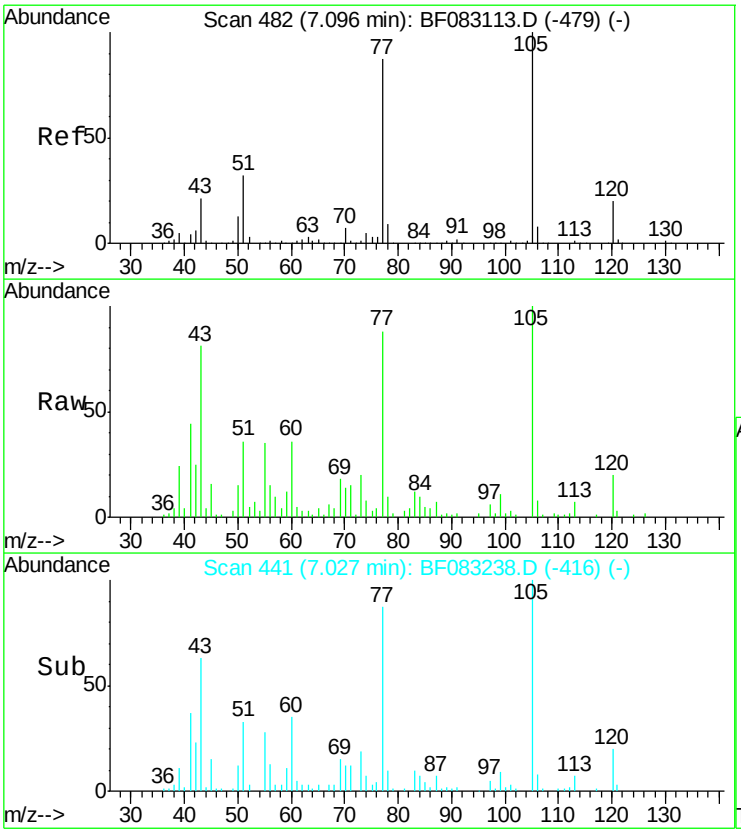
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:136 Resp: 660726

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.7	13.1
54	13.2	5.8	8.6#
68	9.2	3.8	5.8#

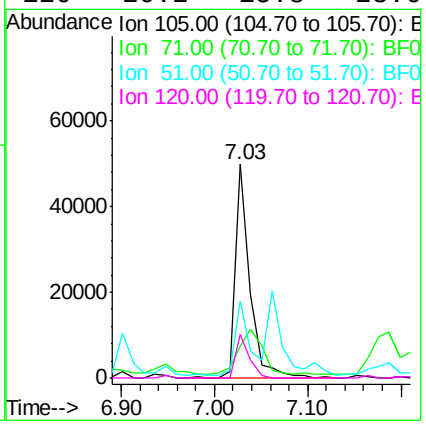


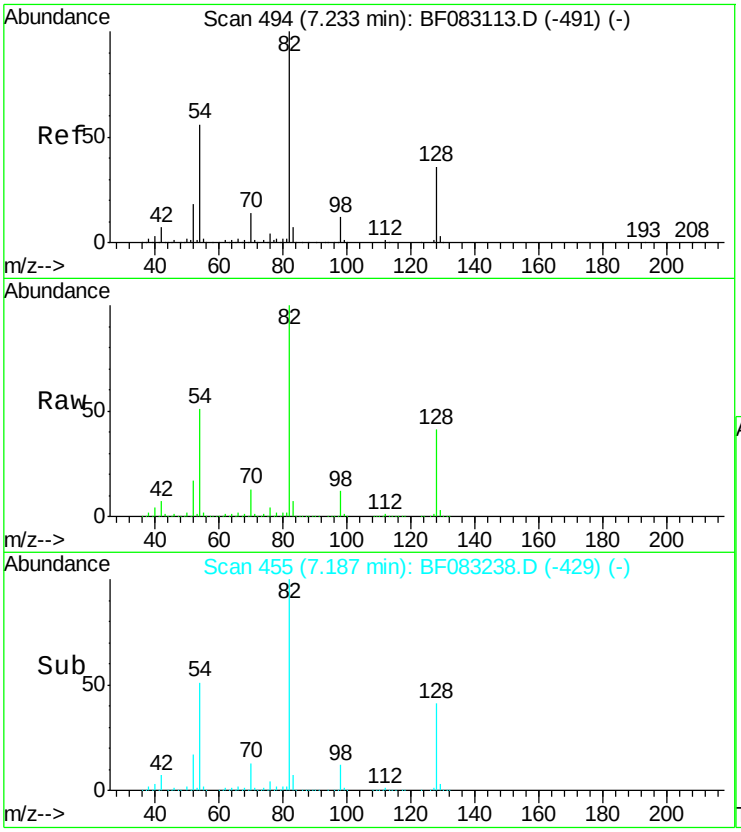


#22
Acetophenone
Concen: 2.87 ng
RT: 7.03 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:105 Resp: 54420

Ion	Ratio	Lower	Upper
105	100		
71	14.9	1.0	1.4#
51	36.1	25.6	38.4
120	20.2	15.8	23.6



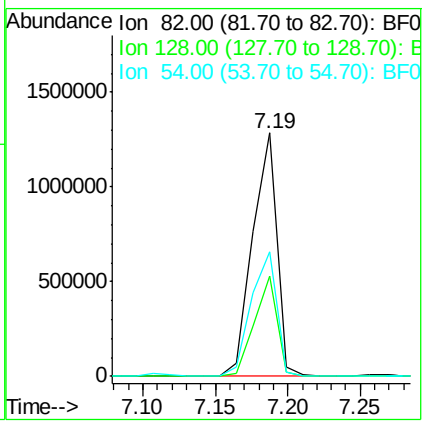


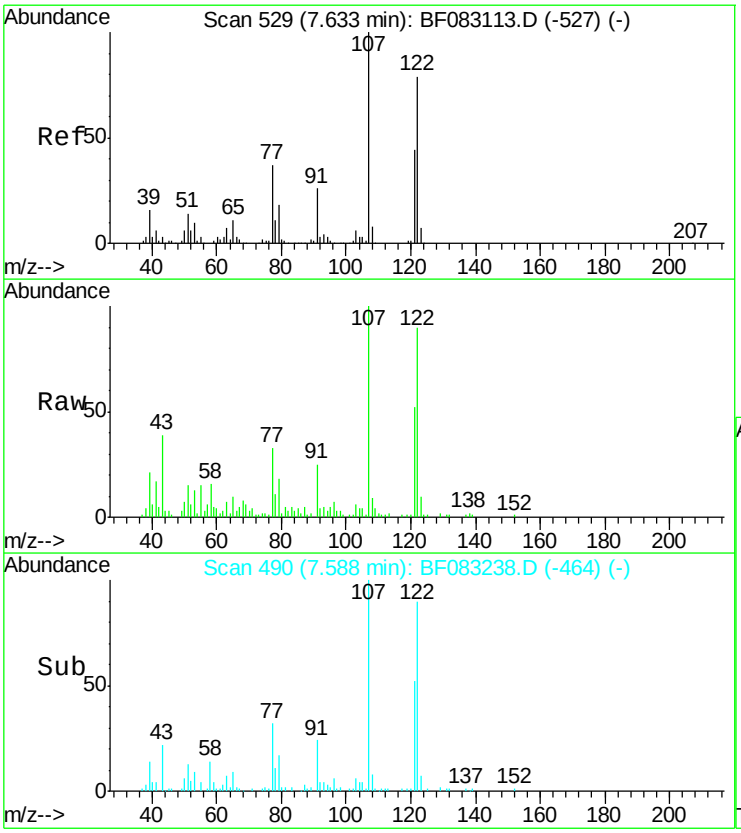
#23
Nitrobenzene-d5
Concen: 103.62 ng
RT: 7.19 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion: 82 Resp: 1498332

Ion	Ratio	Lower	Upper
82	100		
128	41.2	28.5	42.7
54	51.2	44.6	67.0

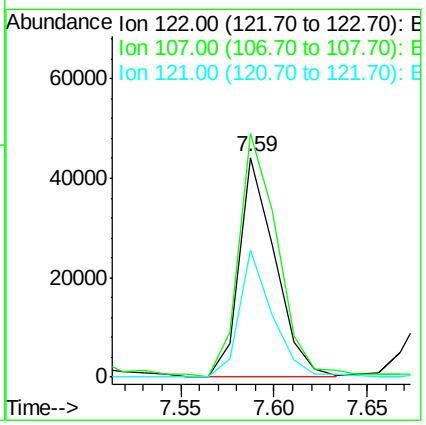


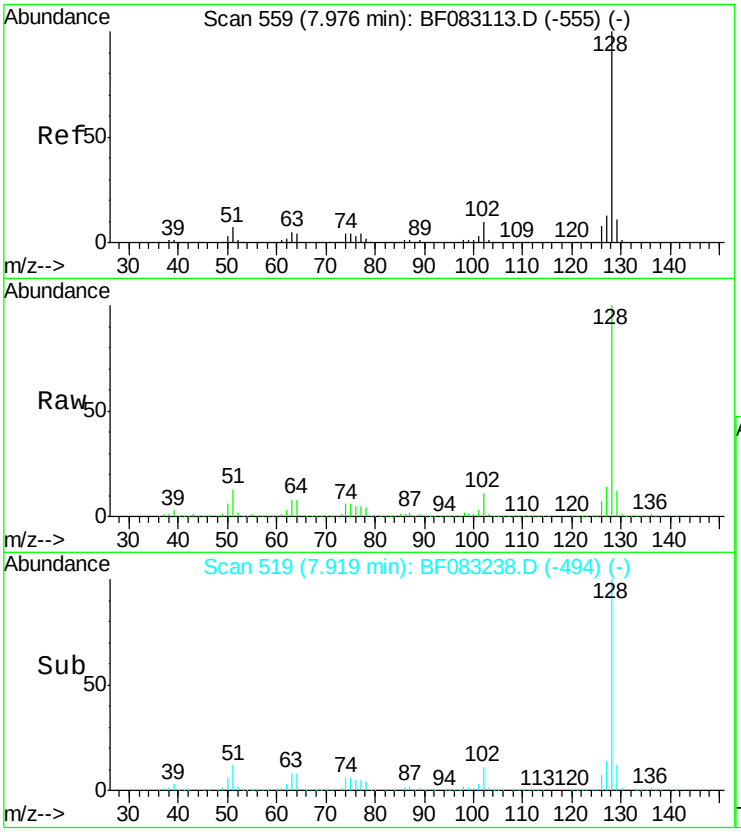


#27
2,4-Dimethylphenol
Concen: 5.45 ng
RT: 7.59 min Scan# 490
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:122 Resp: 59321

Ion	Ratio	Lower	Upper
122	100		
107	110.8	101.1	151.7
121	58.0	44.9	67.3



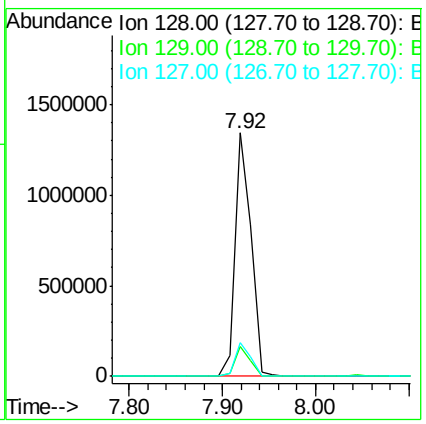


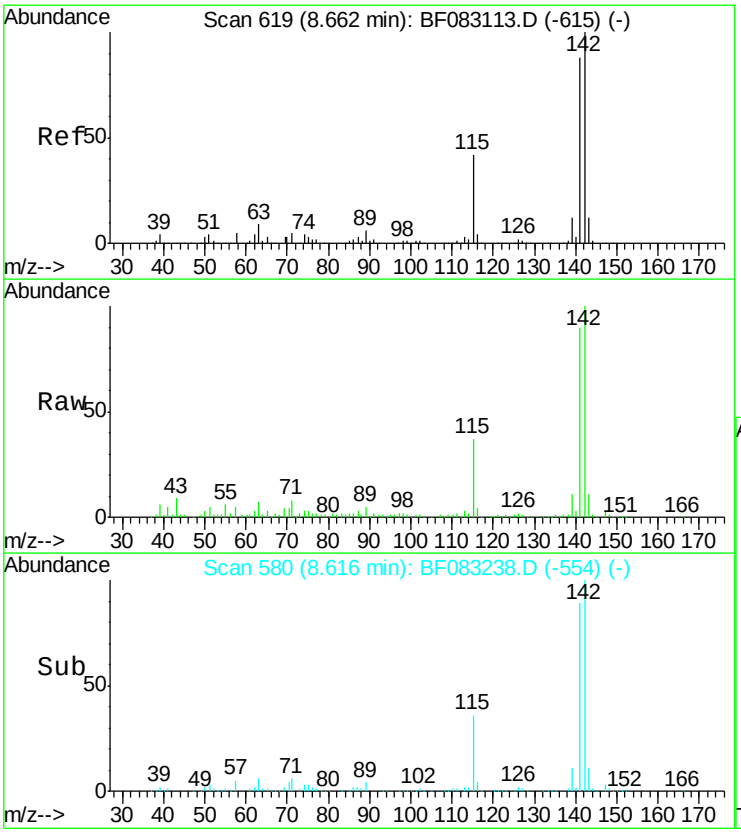
#31
Naphthalene
Concen: 44.99 ng
RT: 7.92 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:128 Resp: 1604199

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	13.7	10.6	15.8

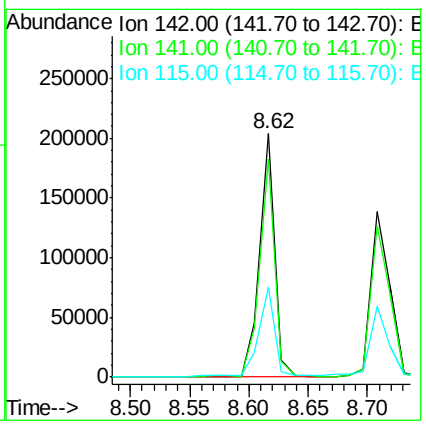


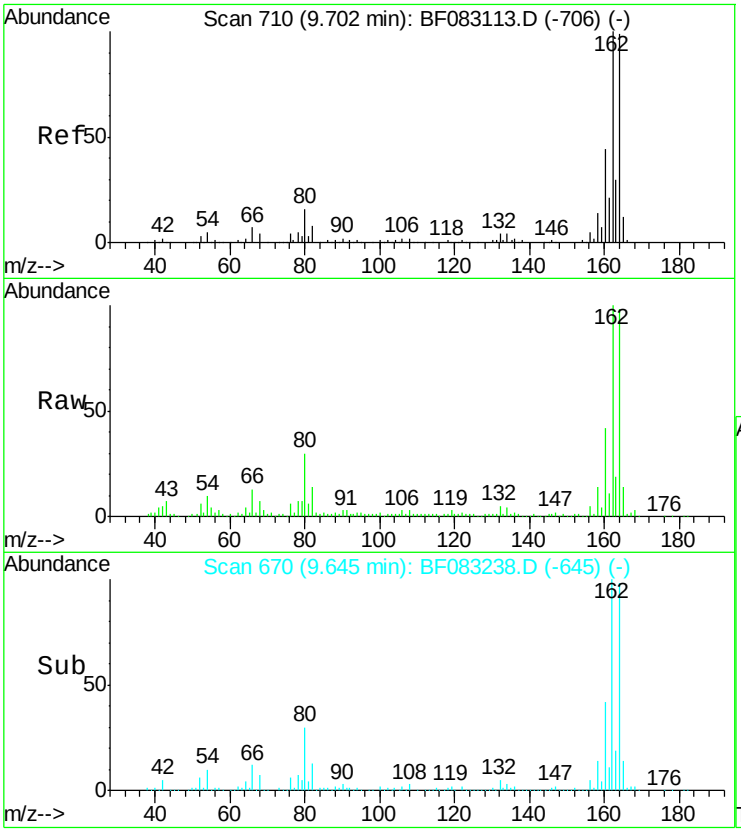


#37
2-Methylnaphthalene
Concen: 7.96 ng
RT: 8.62 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:142 Resp: 184260

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.3	105.5
115	36.8	33.4	50.2



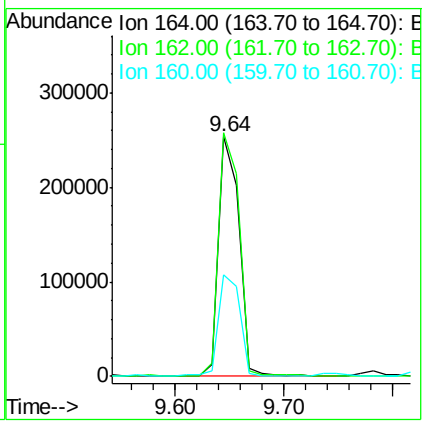


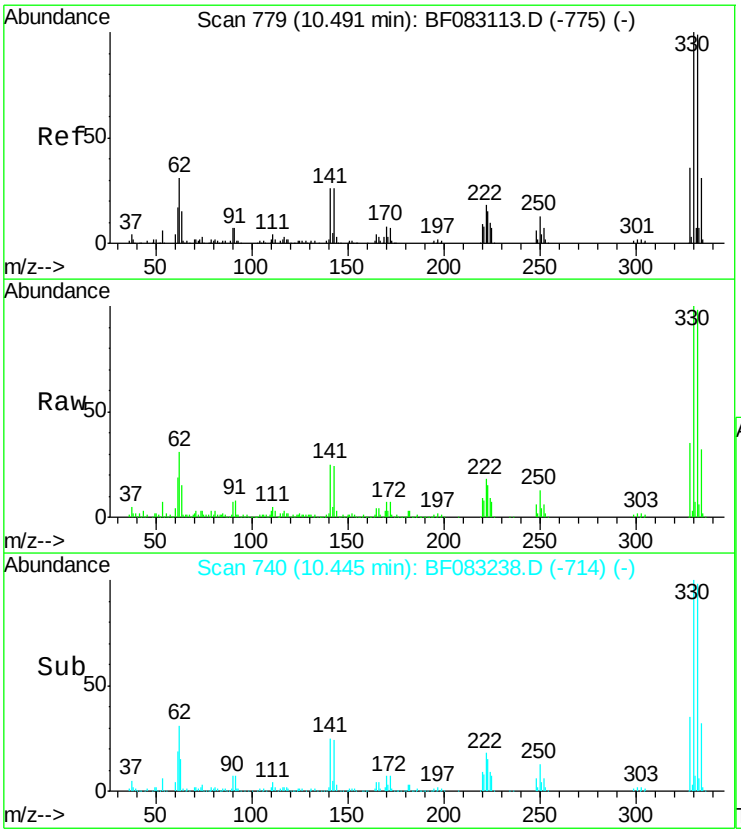
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:164 Resp: 329640

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.2	121.8
160	42.3	35.6	53.4

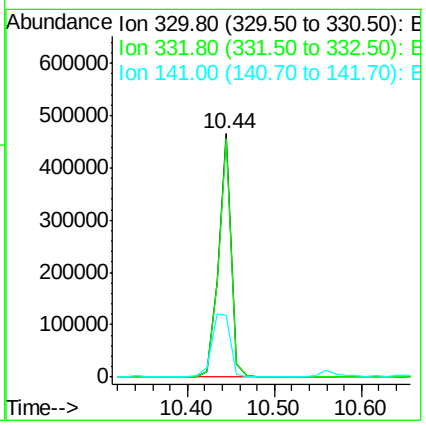


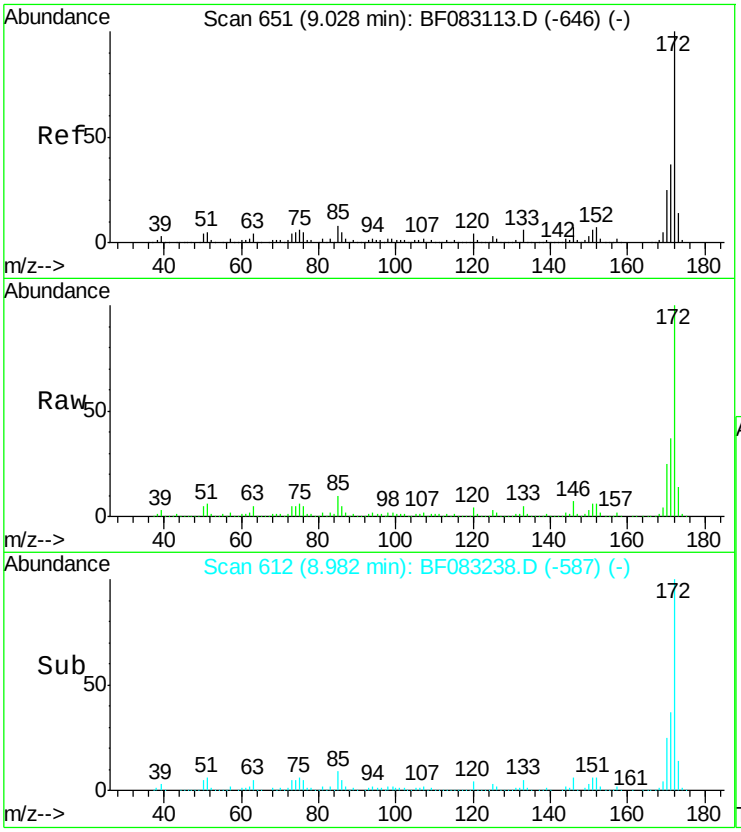


#41
2,4,6-Tribromophenol
Concen: 140.47 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:330 Resp: 473717

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.7	116.5
141	38.0	29.7	44.5



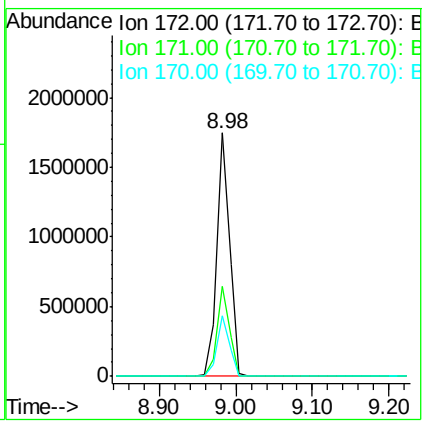


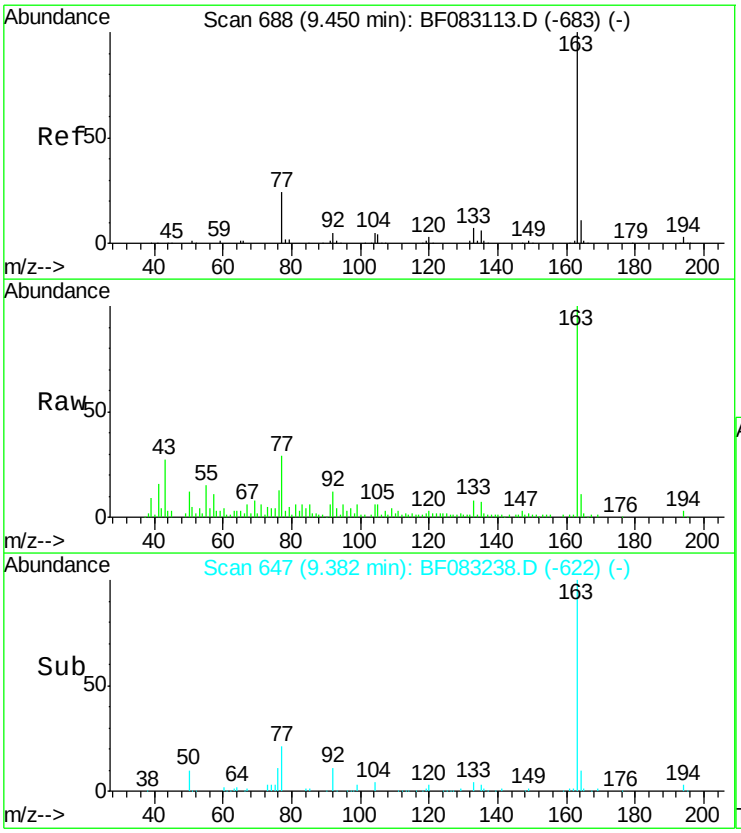
#44
2-Fluorobiphenyl
Concen: 85.72 ng
RT: 8.98 min Scan# 612
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:172 Resp: 2026293

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.5	44.3
170	25.0	19.9	29.9

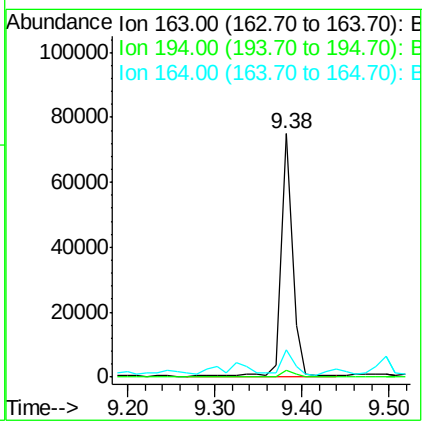


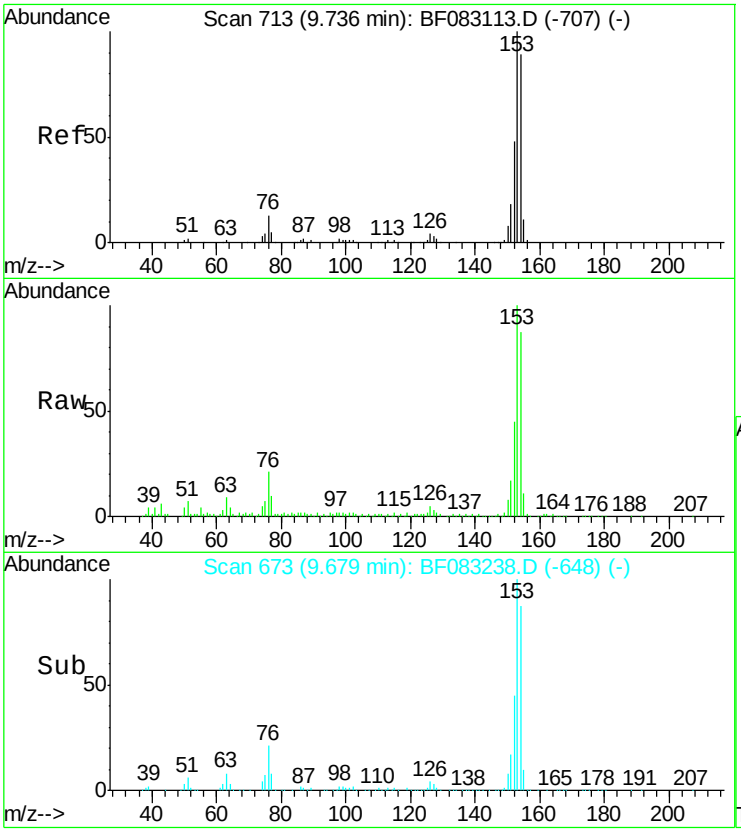


#49
Dimethylphthalate
Concen: 2.77 ng
RT: 9.38 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:163 Resp: 70410

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	11.4	8.6	12.8



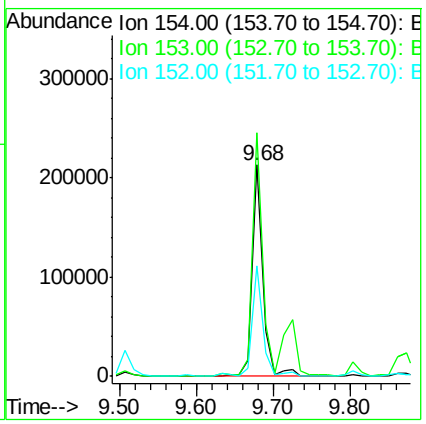


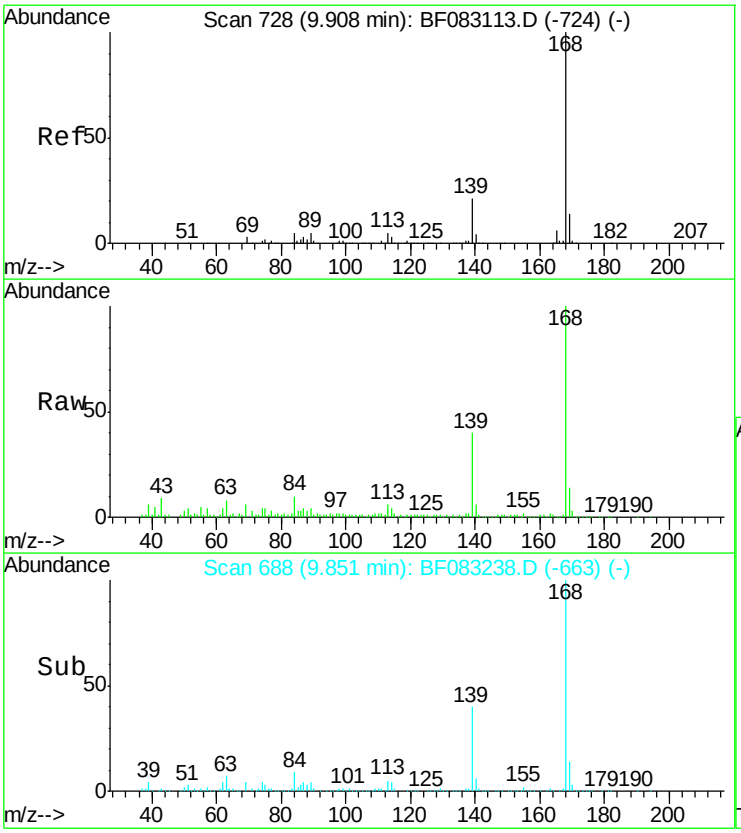
#51
Acenaphthene
Concen: 9.77 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:154 Resp: 203000

Ion	Ratio	Lower	Upper
154	100		
153	115.1	89.6	134.4
152	52.1	43.3	64.9

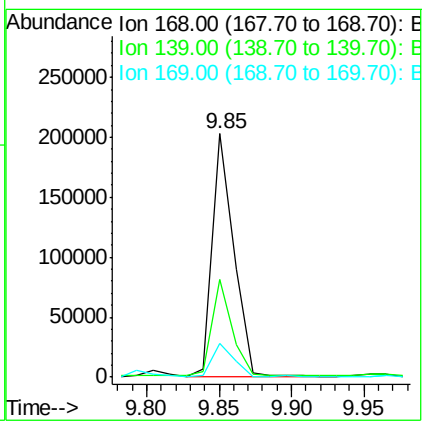


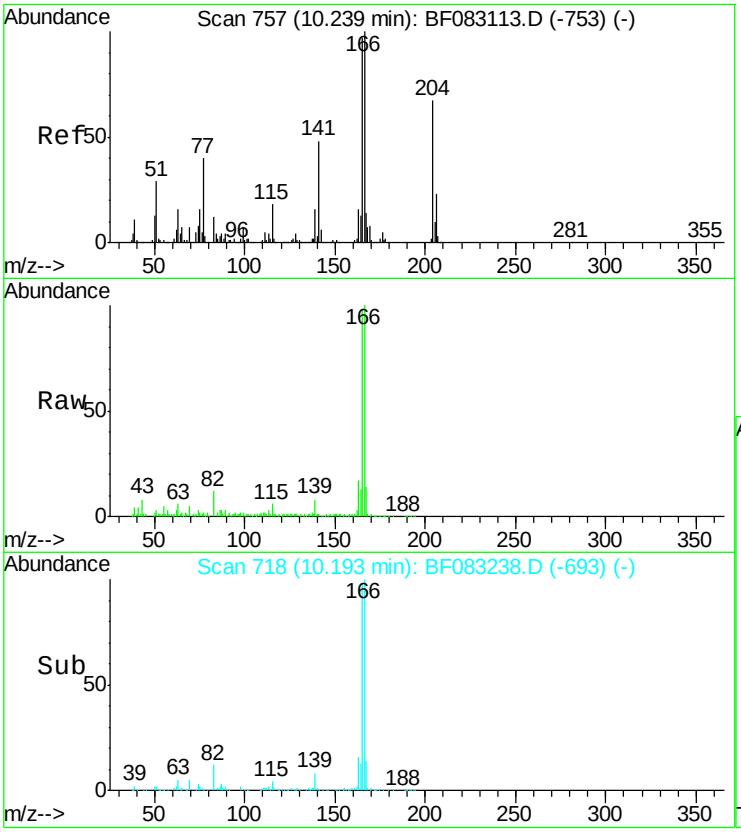


#54
Dibenzofuran
Concen: 7.10 ng
RT: 9.85 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:168 Resp: 208691

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.2	45.2
169	13.7	10.9	16.3



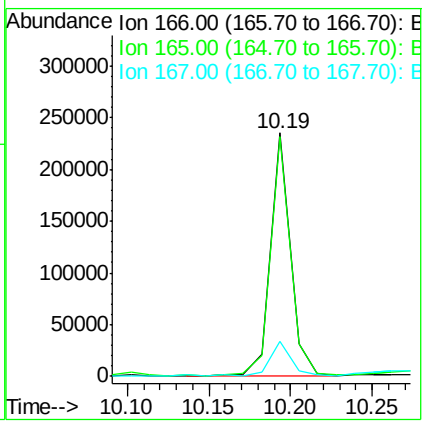


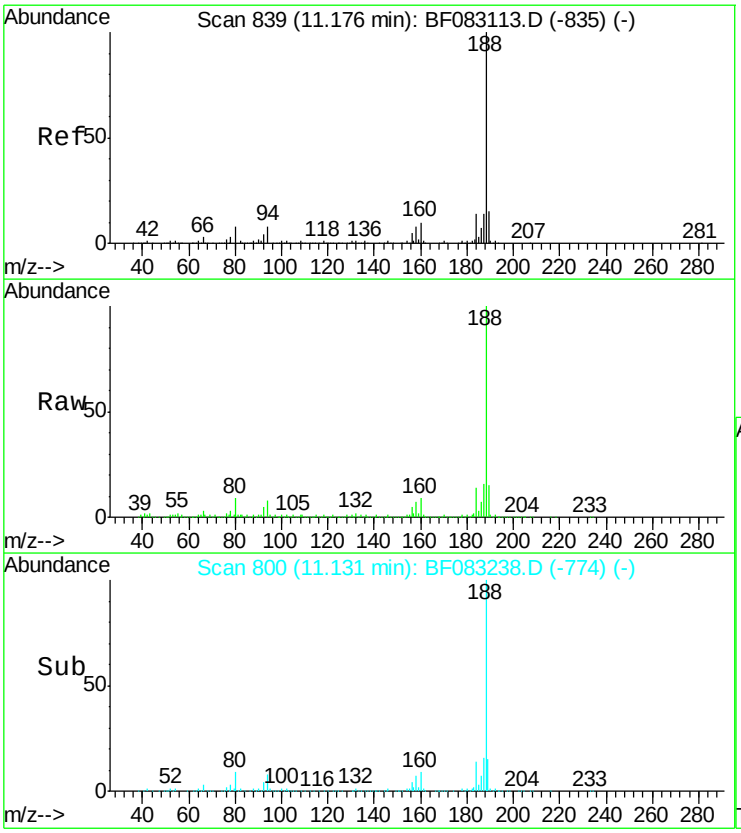
#57
Fluorene
Concen: 8.18 ng
RT: 10.19 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:166 Resp: 198737

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.0	117.0
167	14.3	11.3	16.9

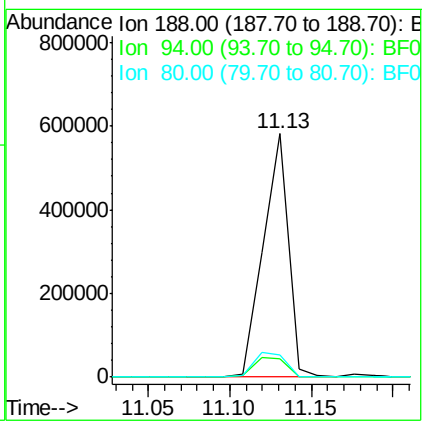


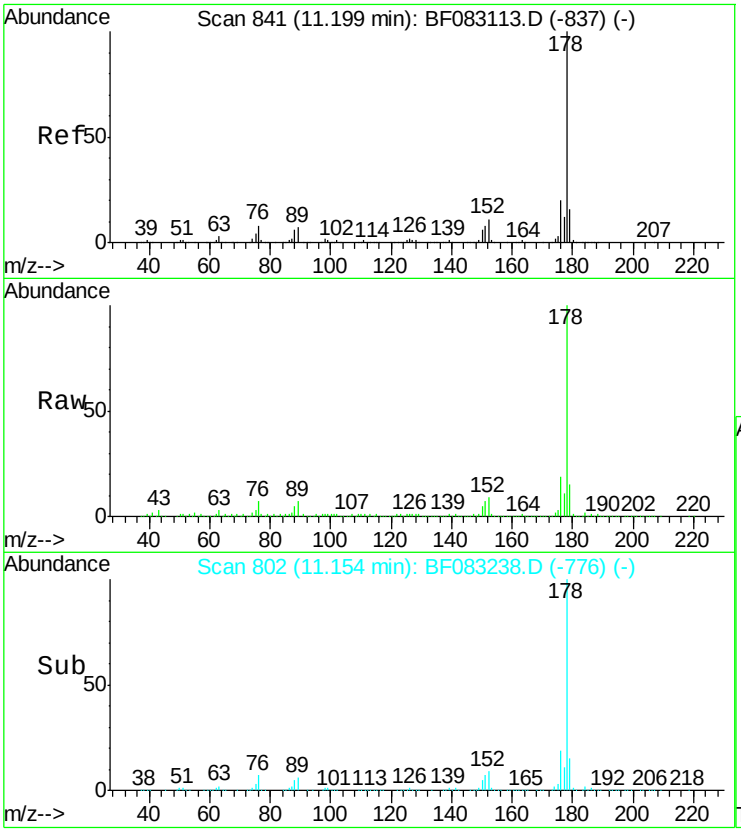


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:188 Resp: 621831

Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.0	9.0
80	8.9	6.7	10.1



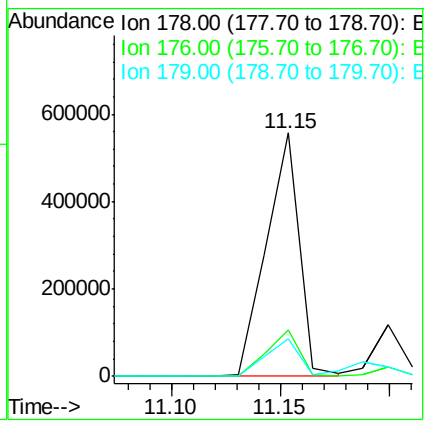


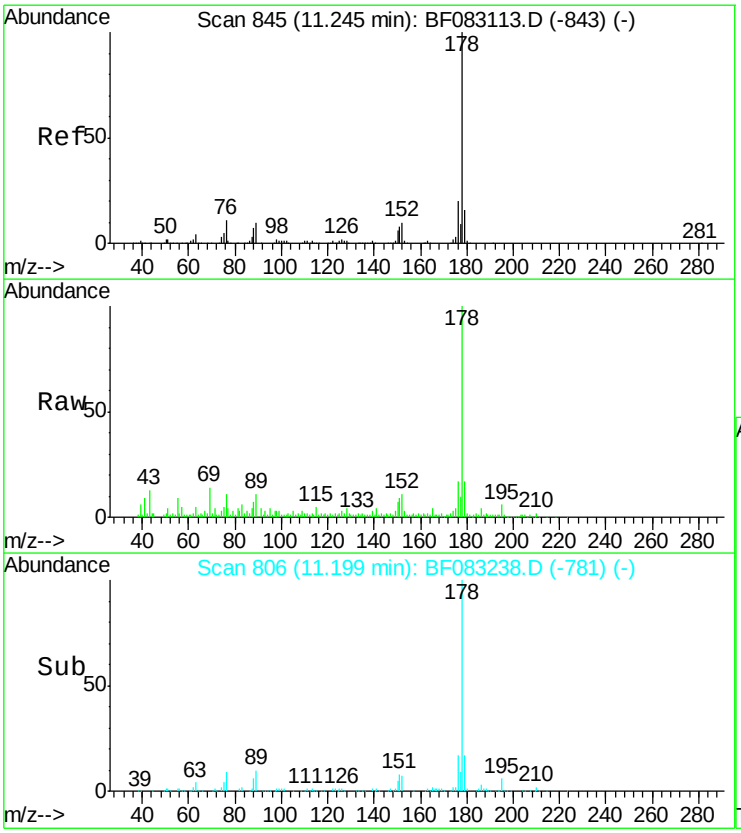
#70
Phenanthrene
Concen: 16.50 ng
RT: 11.15 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:178 Resp: 591030

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.2	24.2
179	15.2	12.8	19.2

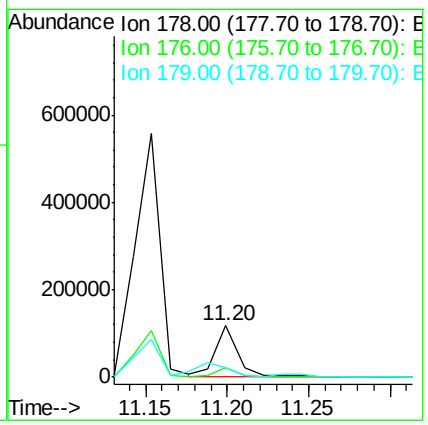


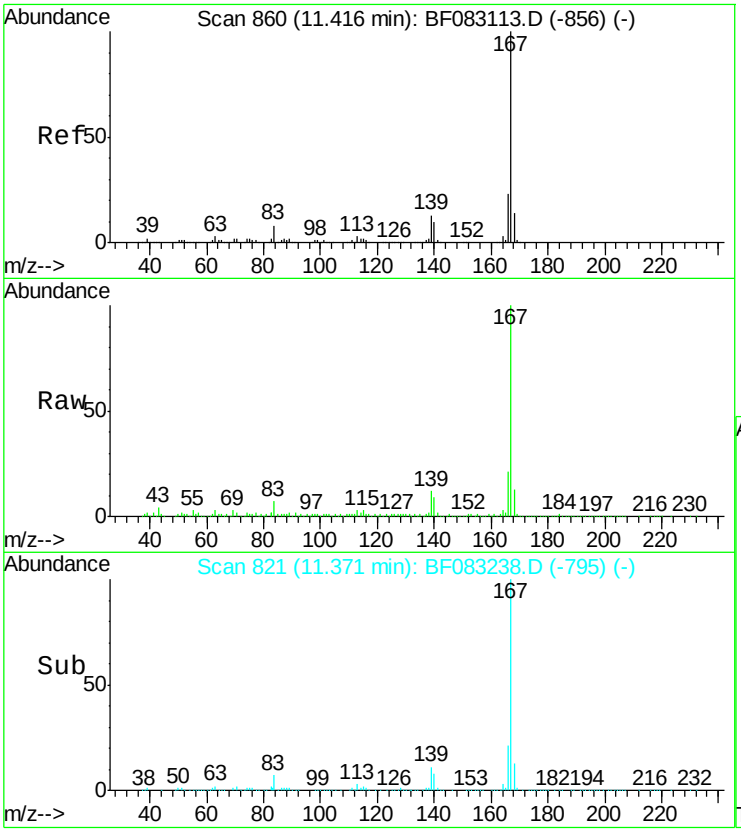


#71
Anthracene
Concen: 3.04 ng
RT: 11.20 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:178 Resp: 111261

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.6	23.4
179	17.4	13.2	19.8



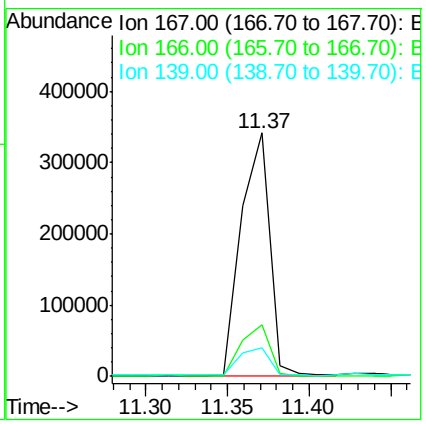


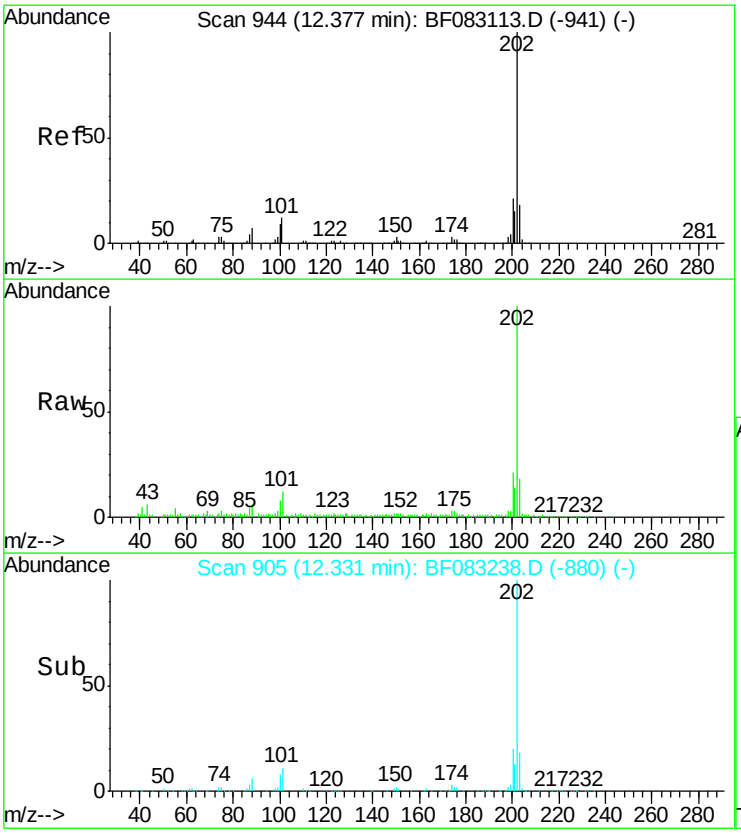
#72
Carbazole
Concen: 12.68 ng
RT: 11.37 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:167 Resp: 412008

Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.0	27.0
139	11.5	10.5	15.7

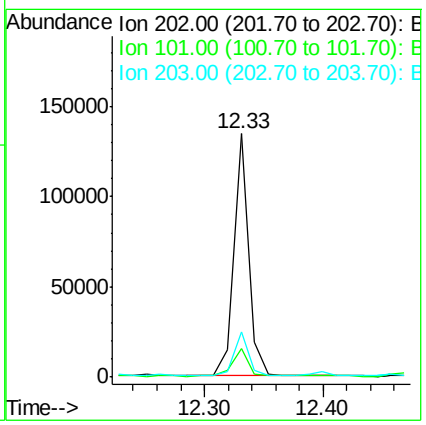


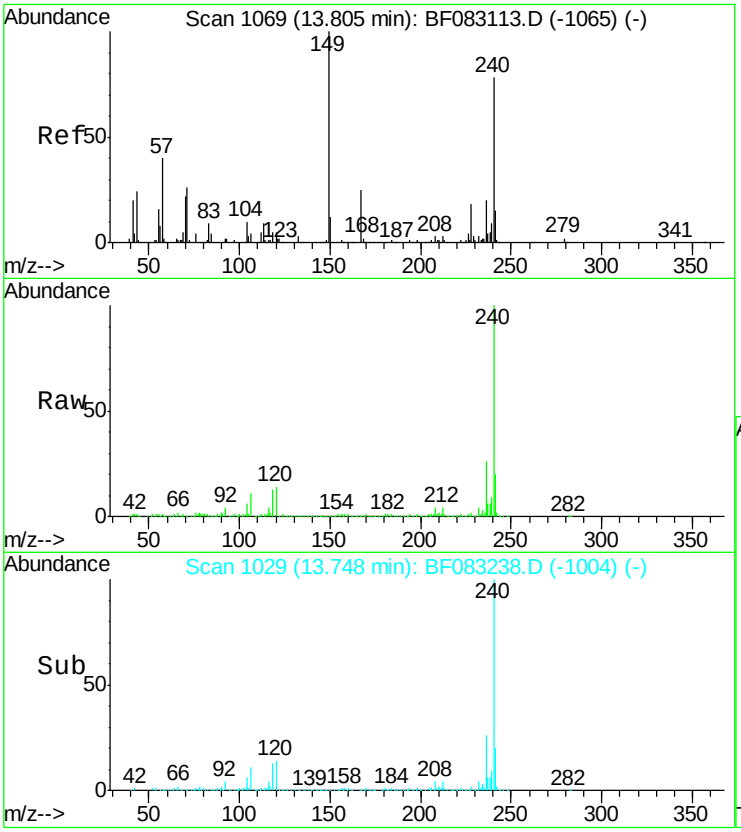


#74
Fluoranthene
Concen: 3.19 ng
RT: 12.33 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:202 Resp: 117038

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.3
203	18.3	0.0	38.4



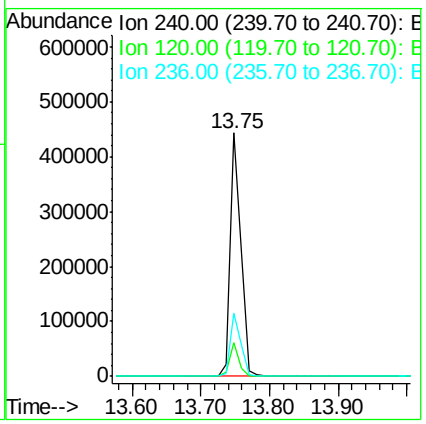


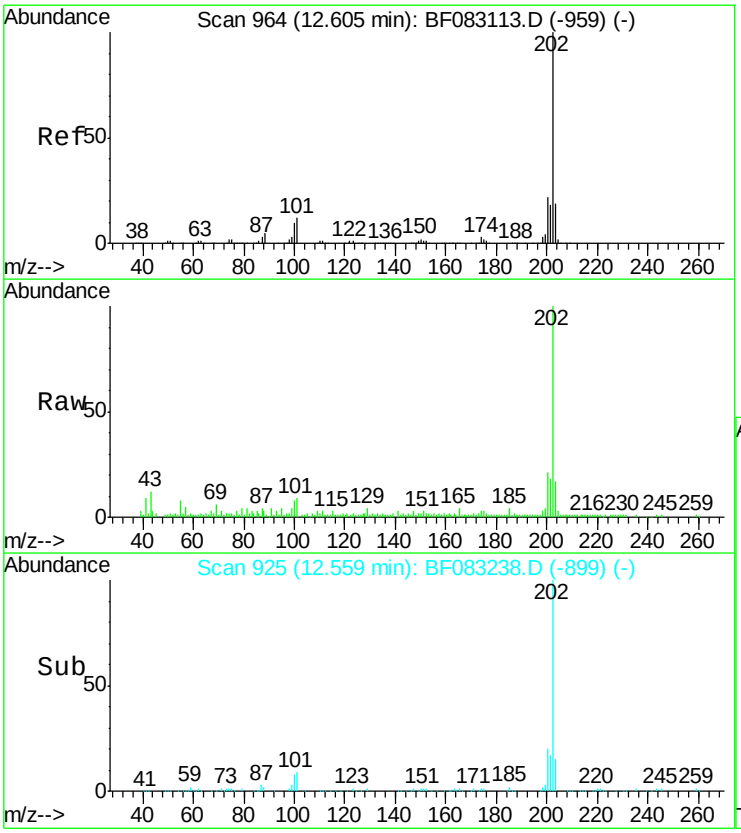
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:240 Resp: 487116

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.4	8.2#
236	25.8	20.6	31.0

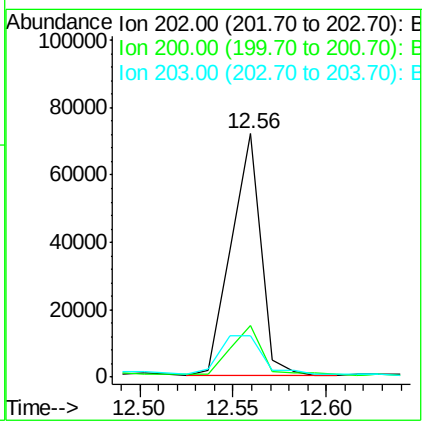


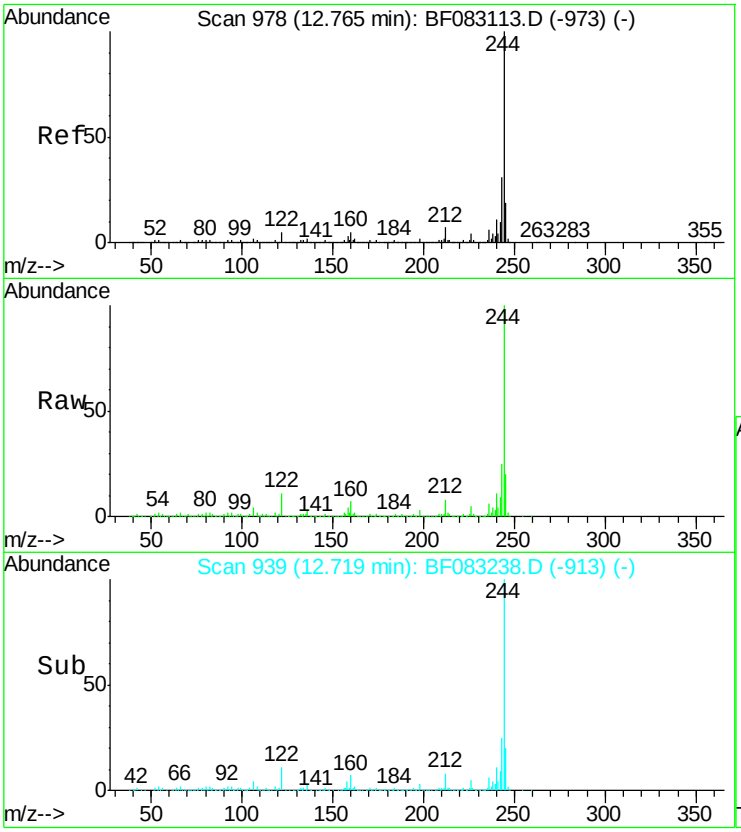


#77
Pyrene
Concen: 2.40 ng
RT: 12.56 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:202 Resp: 79716

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.1	15.0	22.4



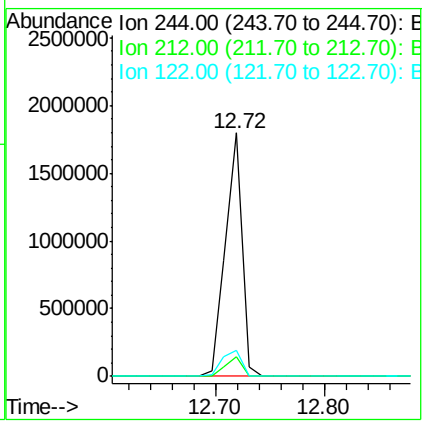


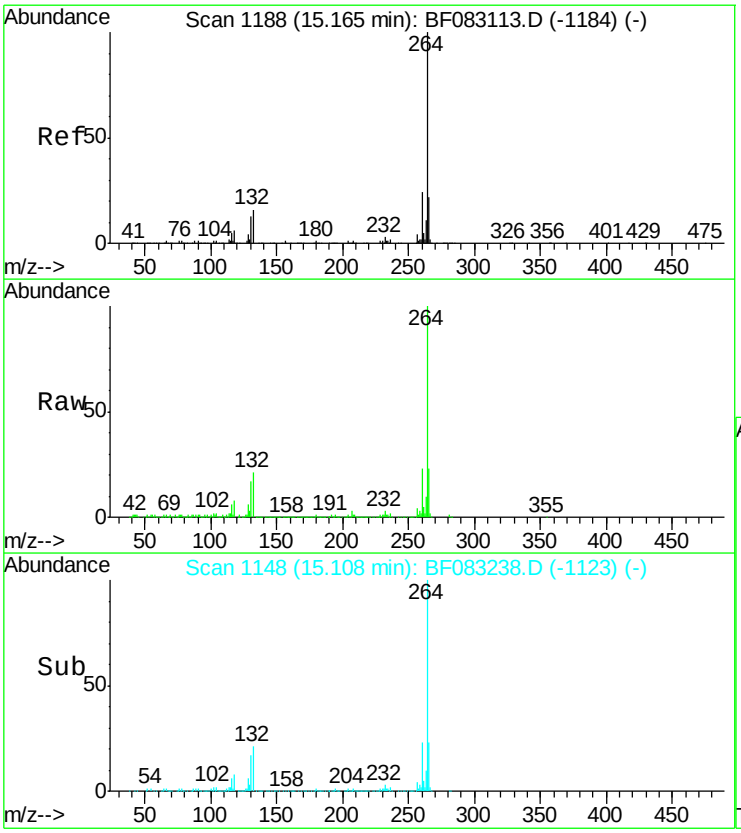
#78
Terphenyl-d14
Concen: 92.16 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:244 Resp: 1906393

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.4	8.2
122	10.9	4.3	6.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF083238.D
Acq: 24 Nov 2015 15:50

Tgt Ion:264 Resp: 373964

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.1	28.7
265	23.1	18.2	27.4