Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083821.D
Acq On : 15 Dec 2015 16:31
Operator : UM/IZ
Sample : G4739-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K1206-0-2

Quant Time: Dec 16 06:32:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	97125	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	380867	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	146386	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	226380	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	180993	20.00	ng		-0.01
86) Perylene-d12	15.51	264	157114	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	669326	111.18	ng		-0.01
7) Phenol-d6	6.53	99	761423	99.87	ng		-0.01
23) Nitrobenzene-d5	7.46	82	459705	67.53	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	142792	95.73	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	764962	73.53	ng		-0.02
78) Terphenyl-d14	13.01	244	509520	60.56	ng		-0.01
Target Compounds							Qvalue
6) Aniline	6.54	93	74838	7.23	ng	#	71
10) Phenol	6.54	94	21729	2.48	ng		79
31) Naphthalene	8.21	128	181214	9.13	ng		99
37) 2-Methylnaphthalene	8.90	142	101211	8.12	ng		98
48) Acenaphthylene	9.80	152	565179	35.08	ng		99
49) Dimethylphthalate	9.65	163	131050	11.48	ng		100
54) Dibenzofuran	10.14	168	30800	2.39	ng	#	84
57) Fluorene	10.49	166	62467m	6.15	ng		
70) Phenanthrene	11.46	178	1204576	100.16	ng		100
71) Anthracene	11.50	178	320859	25.69	ng		99
72) Carbazole	11.65	167	26116	2.24	ng	#	93
74) Fluoranthene	12.65	202	1469491	118.26	ng		97
77) Pyrene	12.88	202	2419988	169.17	ng		97
80) Benzo(a)anthracene	14.05	228	1077080m	104.65	ng		
82) Chrysene	14.10	228	973161	96.95	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	18353	2.63	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.95	276	324106	32.87	ng	#	100
87) Benzo(b)fluoranthene	15.09	252	394346m	39.34	ng		
88) Benzo(k)fluoranthene	15.11	252	718961m	79.16	ng		
89) Benzo(a)pyrene	15.45	252	380894	42.58	ng		97
90) Dibenzo(a,h)anthracene	16.95	278	83785m	9.42	ng		
91) Benzo(g,h,i)perylene	17.38	276	321423	35.16	ng		100

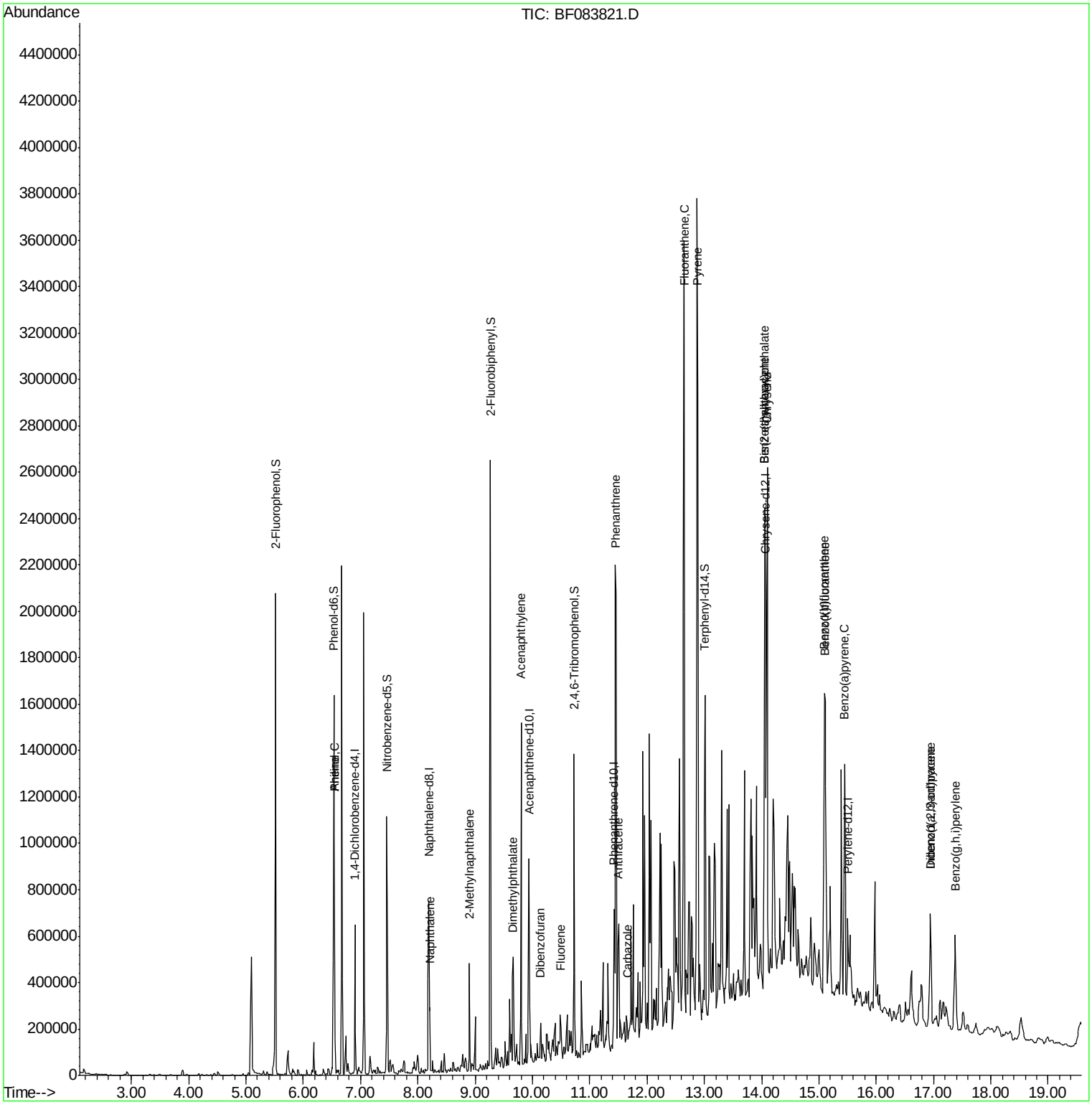
(#) = qualifier out of range (m) = manual integration (+) = signals summed

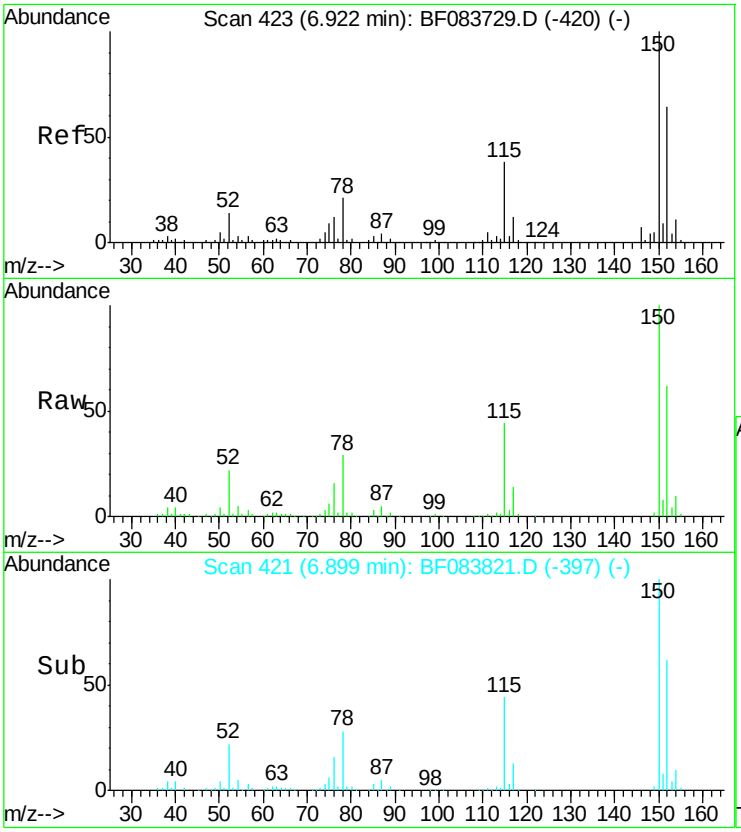
Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083821.D
Acq On : 15 Dec 2015 16:31
Operator : UM/IZ
Sample : G4739-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Quant Time: Dec 16 06:32:13 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration



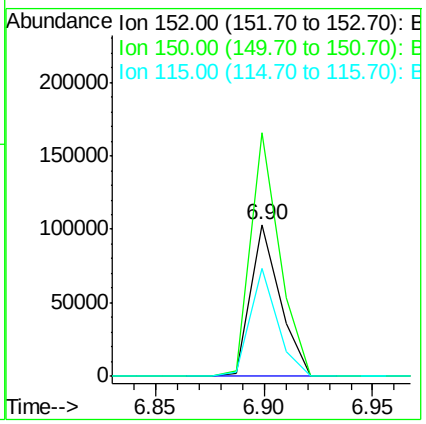


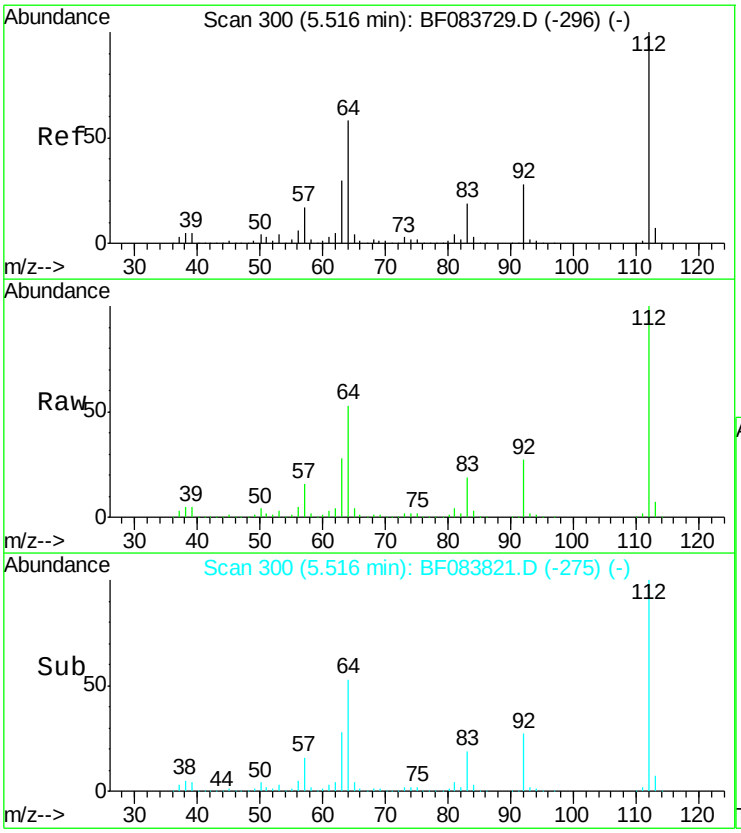
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:152 Resp: 97125

Ion	Ratio	Lower	Upper
152	100		
150	160.6	126.5	189.7
115	71.0	52.3	78.5

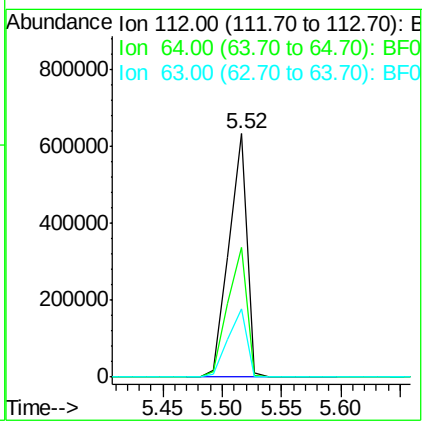


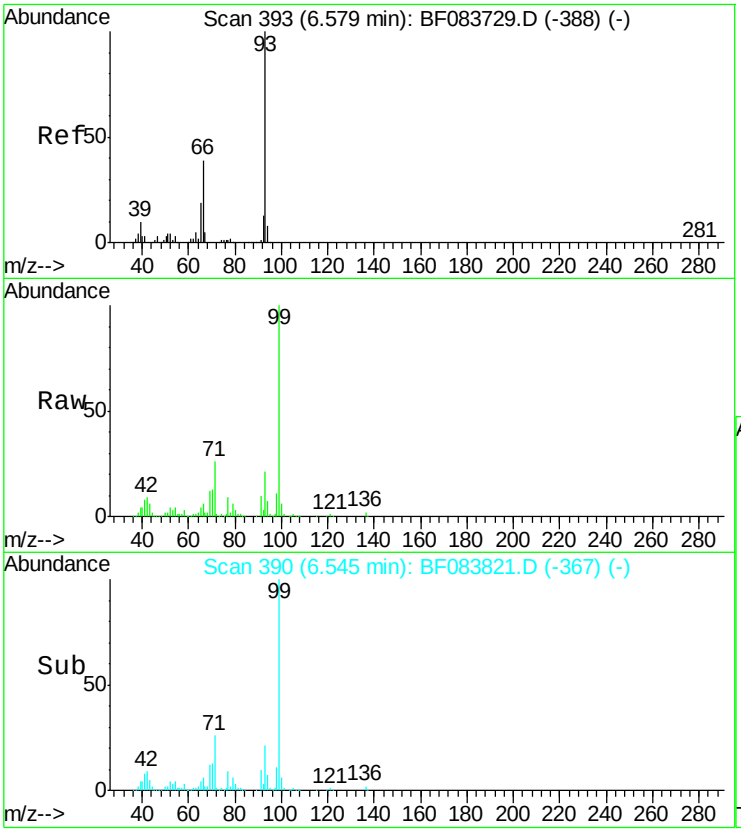


#5
2-Fluorophenol
Concen: 111.18 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:112 Resp: 669326

Ion	Ratio	Lower	Upper
112	100		
64	53.4	50.5	75.7
63	28.1	25.8	38.6



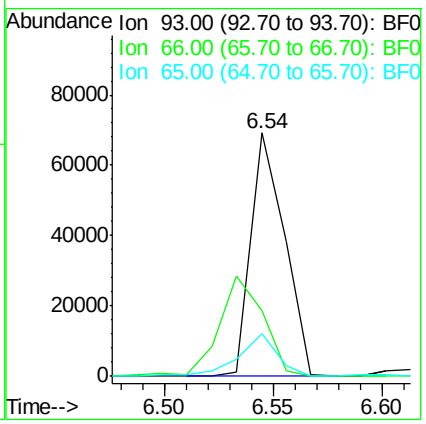


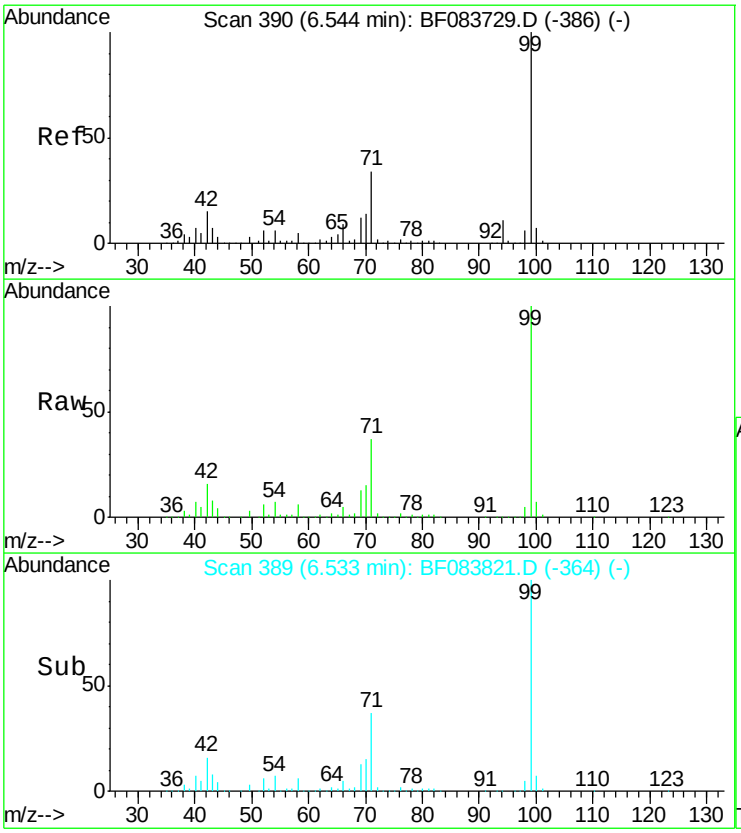
#6
Aniline
Concen: 7.23 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.03 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion: 93 Resp: 74838

Ion	Ratio	Lower	Upper
93	100		
66	26.8	41.3	61.9#
65	17.5	20.8	31.2#

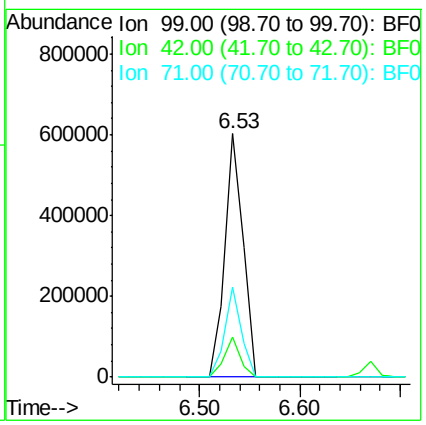


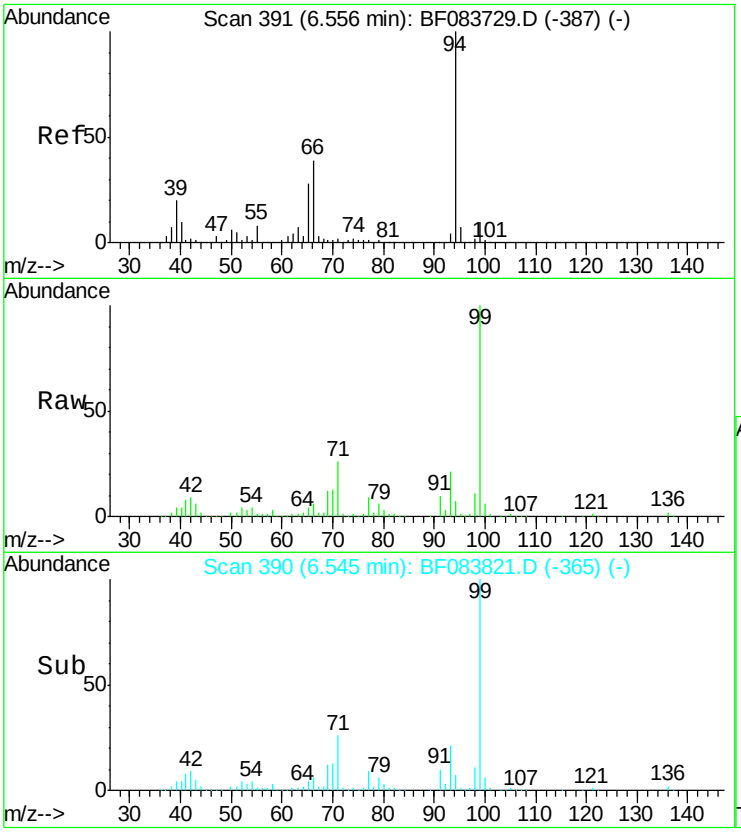


#7
Phenol-d6
Concen: 99.87 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion: 99 Resp: 761423

Ion	Ratio	Lower	Upper
99	100		
42	16.4	17.3	25.9#
71	36.8	26.6	40.0



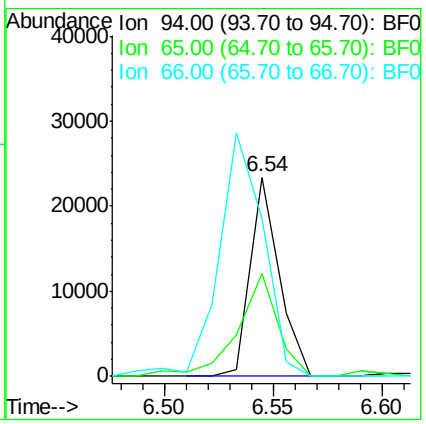


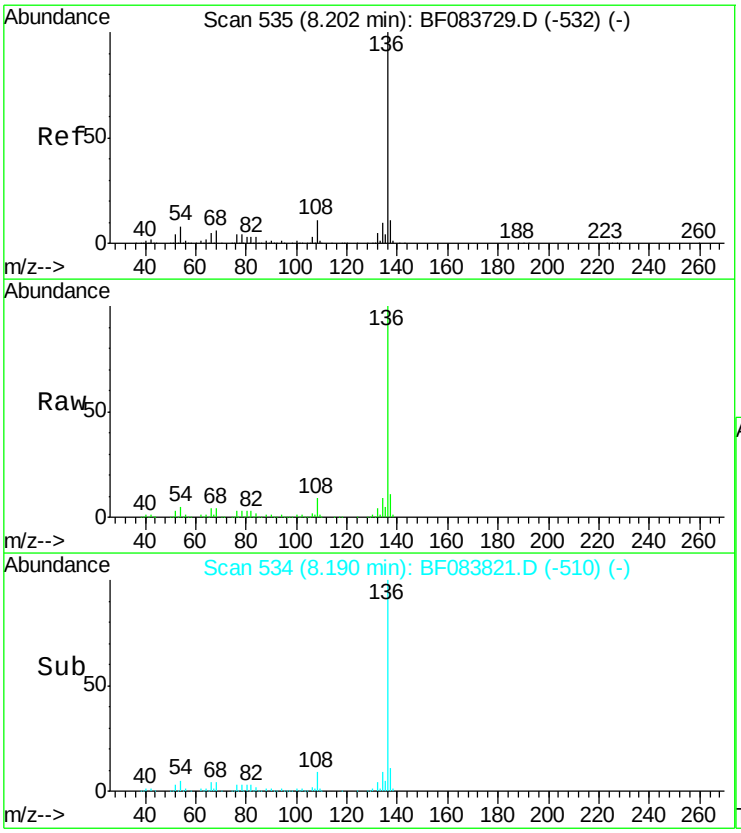
#10
Phenol
Concen: 2.48 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion: 94 Resp: 21729

Ion	Ratio	Lower	Upper
94	100		
65	51.8	20.9	60.9
66	79.4	41.6	81.6

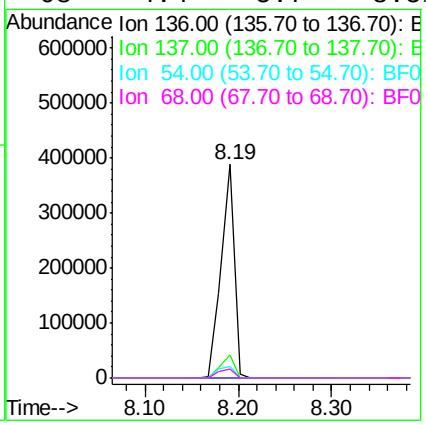


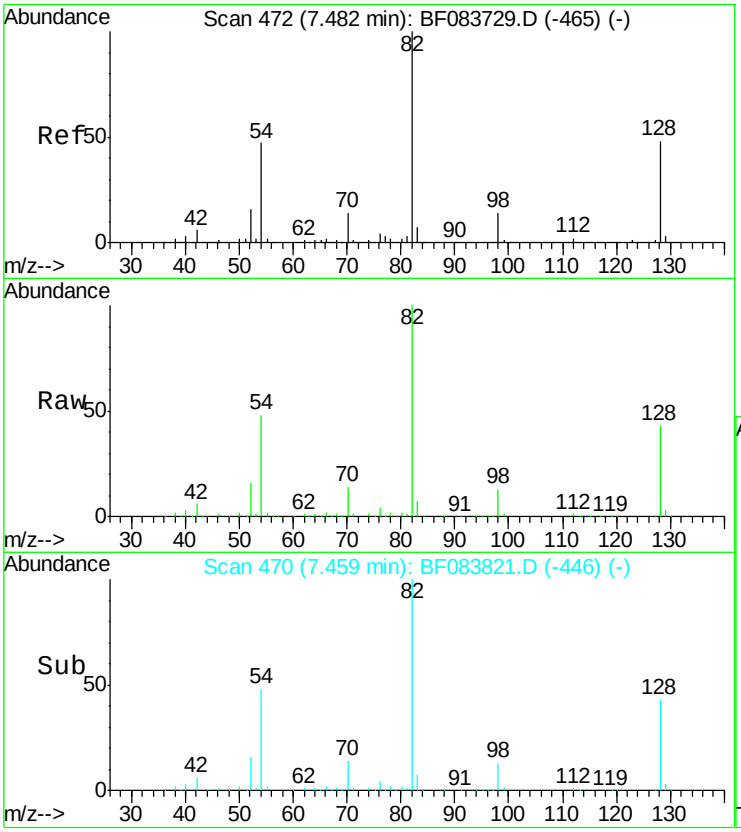


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:136 Resp: 380867

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.4	7.8	11.6#
68	4.4	5.7	8.5#



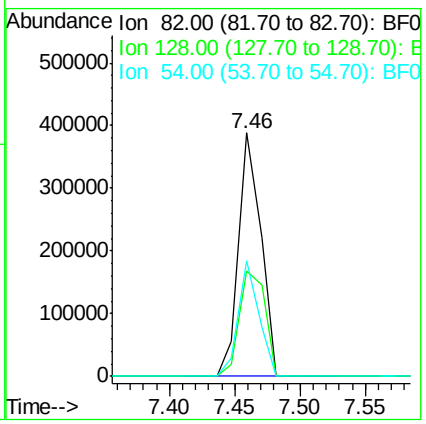


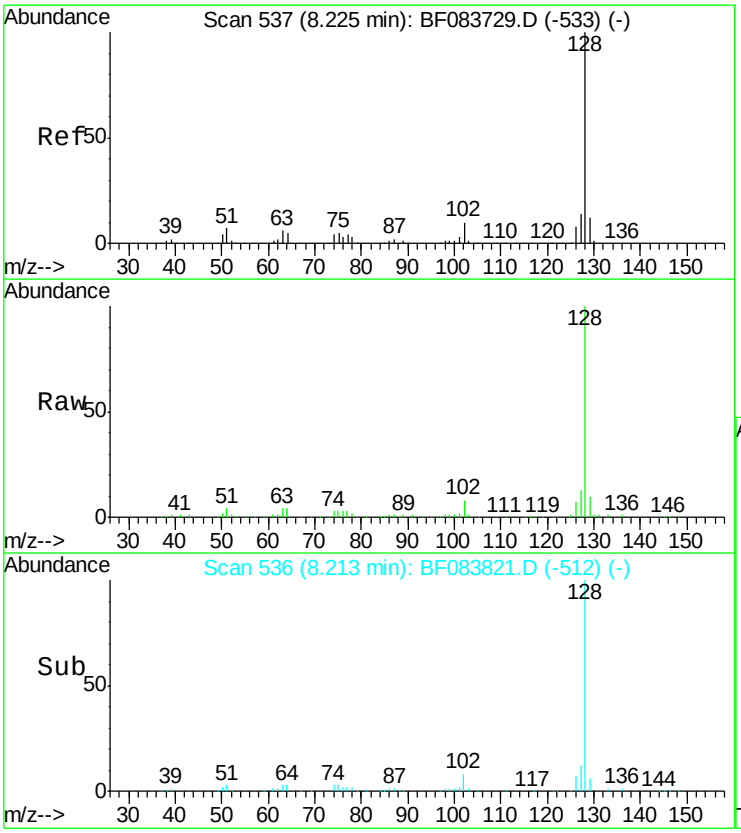
#23
Nitrobenzene-d5
Concen: 67.53 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion: 82 Resp: 459705

Ion	Ratio	Lower	Upper
82	100		
128	43.1	30.7	46.1
54	47.6	42.5	63.7

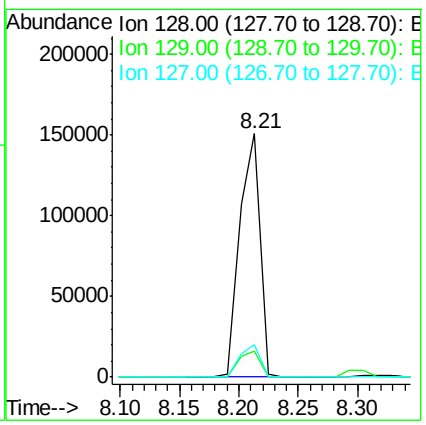


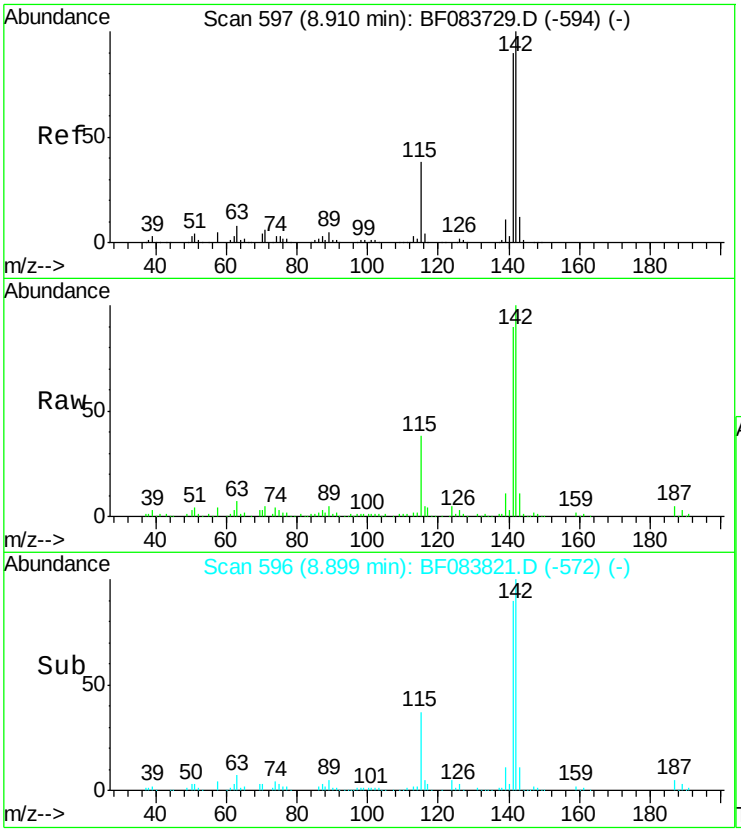


#31
Naphthalene
Concen: 9.13 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:128 Resp: 181214

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.6	13.0
127	13.1	10.6	16.0



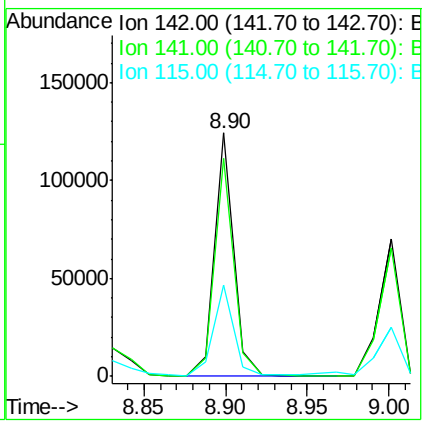


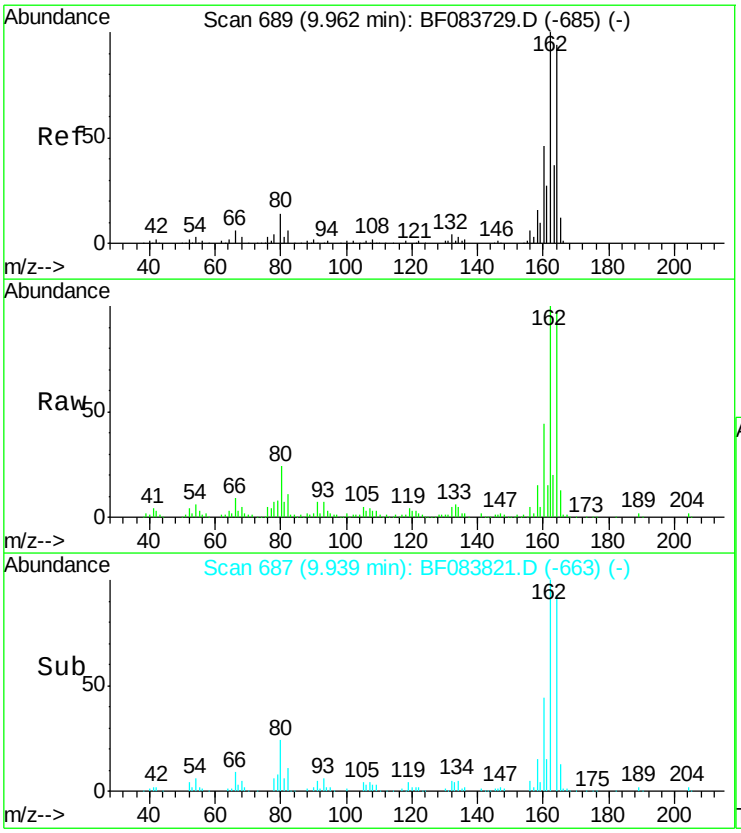
#37
2-Methylnaphthalene
Concen: 8.12 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:142 Resp: 101211

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.3	105.5
115	37.6	29.2	43.8

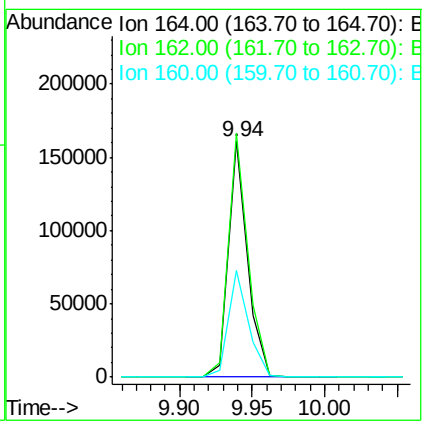


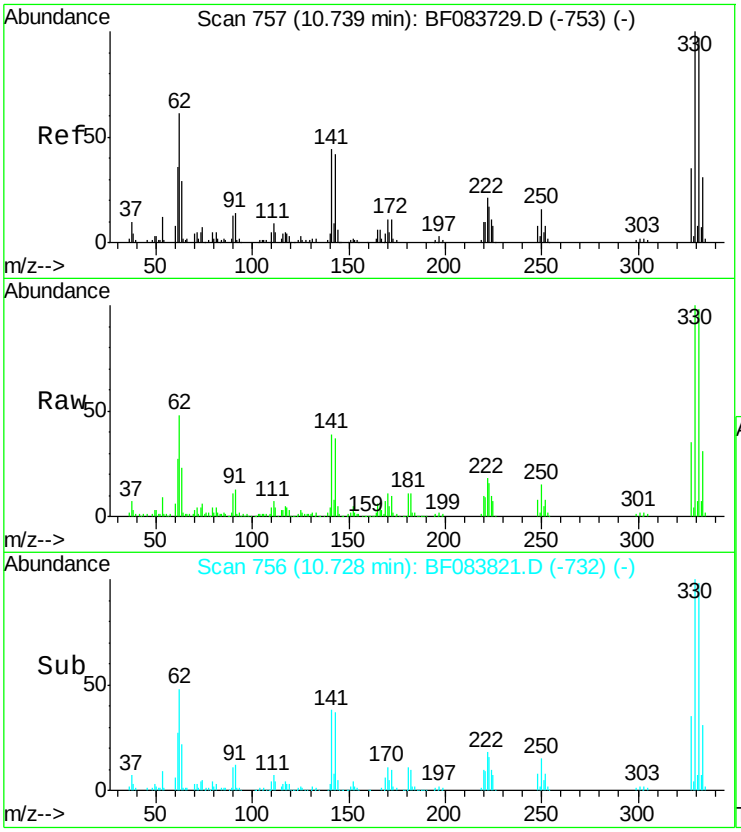


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:164 Resp: 146386

Ion	Ratio	Lower	Upper
164	100		
162	103.3	78.8	118.2
160	45.4	33.4	50.2



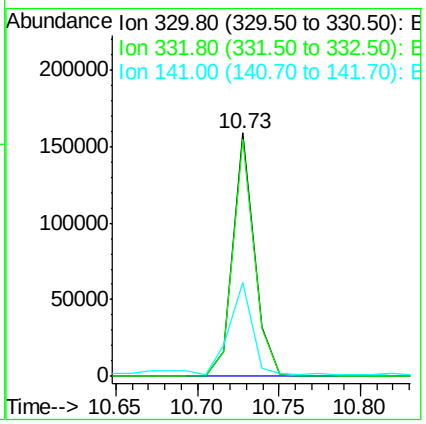


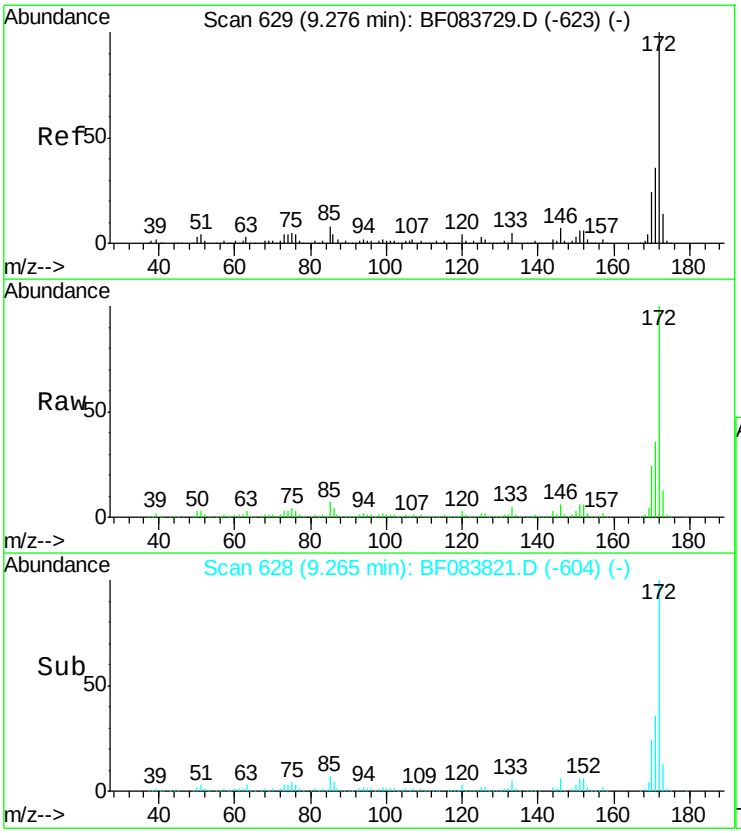
#41
2,4,6-Tribromophenol
Concen: 95.73 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:330 Resp: 142792

Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	43.6	0.0	0.0#

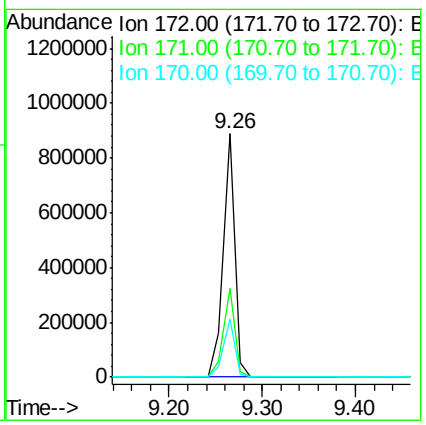


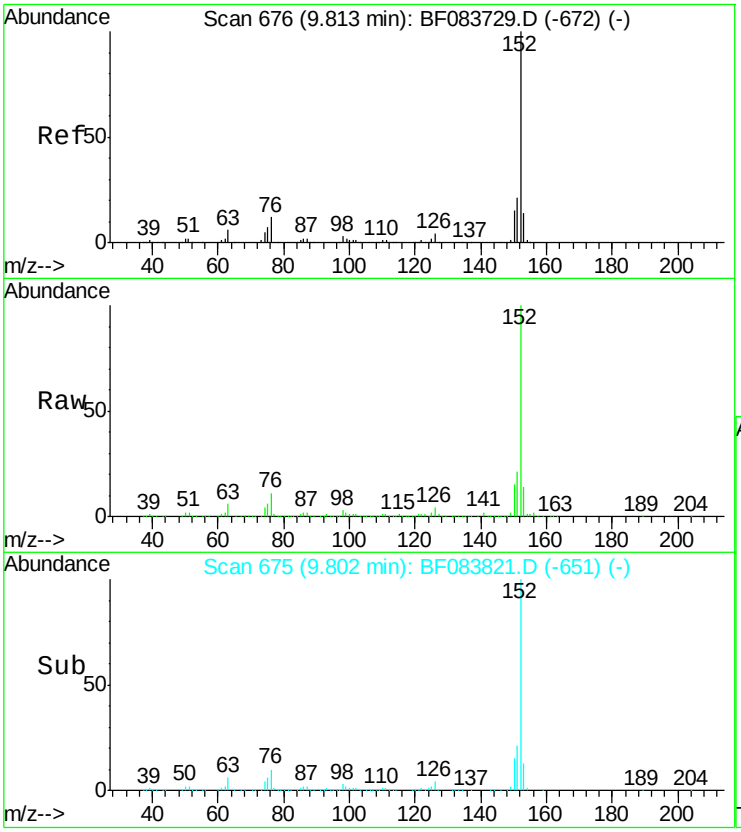


#44
2-Fluorobiphenyl
Concen: 73.53 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:172 Resp: 764962

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.0	19.4	29.0



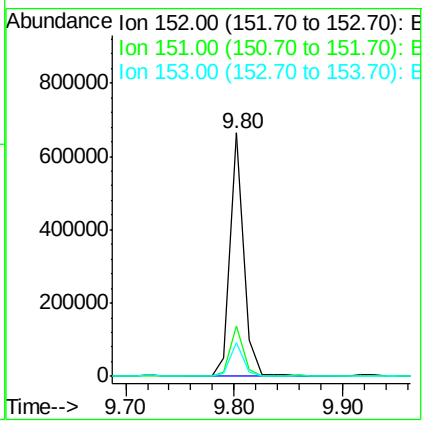


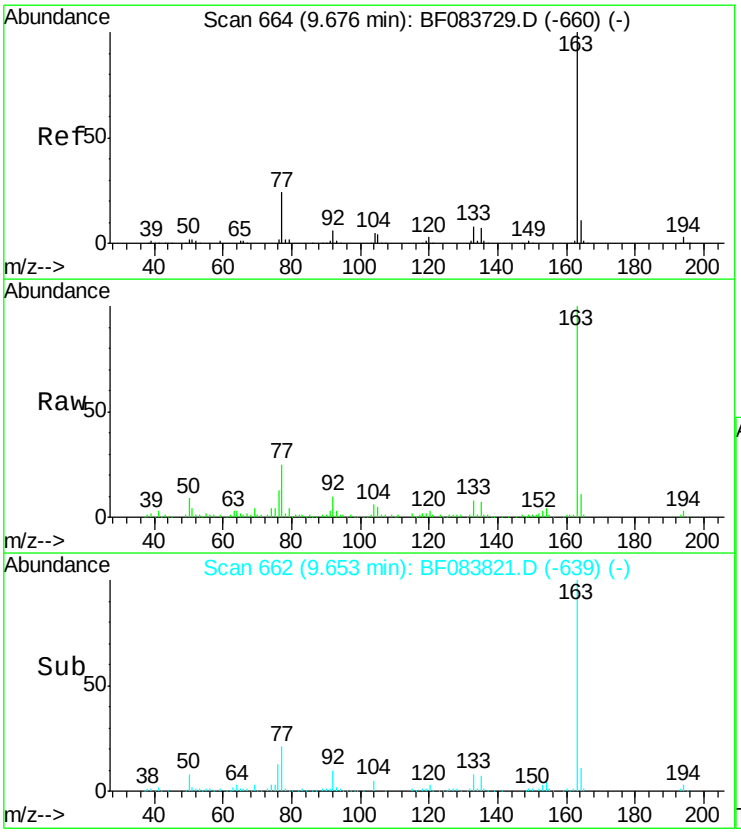
#48
Acenaphthylene
Concen: 35.08 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:152 Resp: 565179

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.0	10.8	16.2

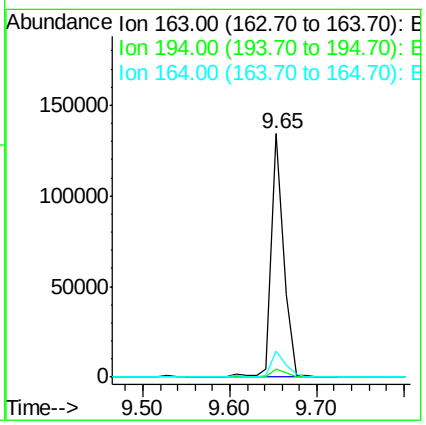


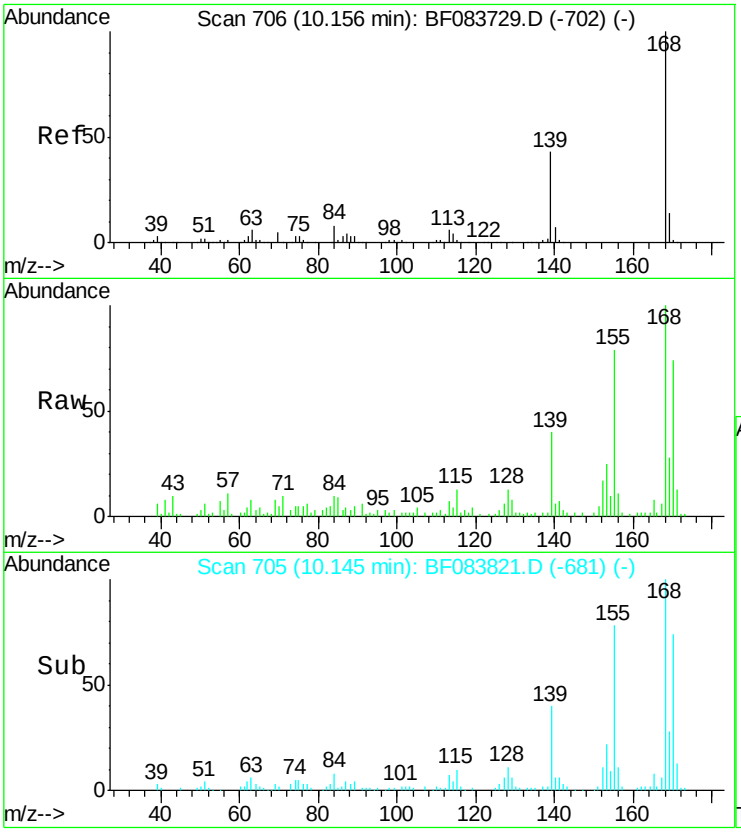


#49
Dimethylphthalate
Concen: 11.48 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.03 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:163 Resp: 131050

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.9	8.6	13.0



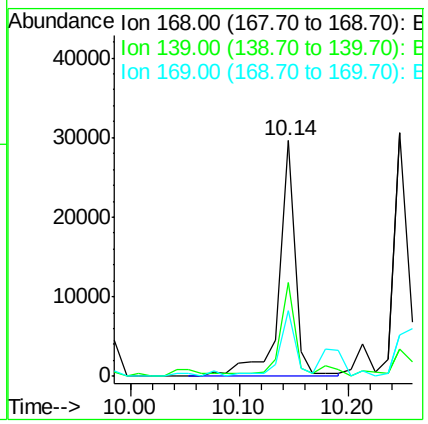


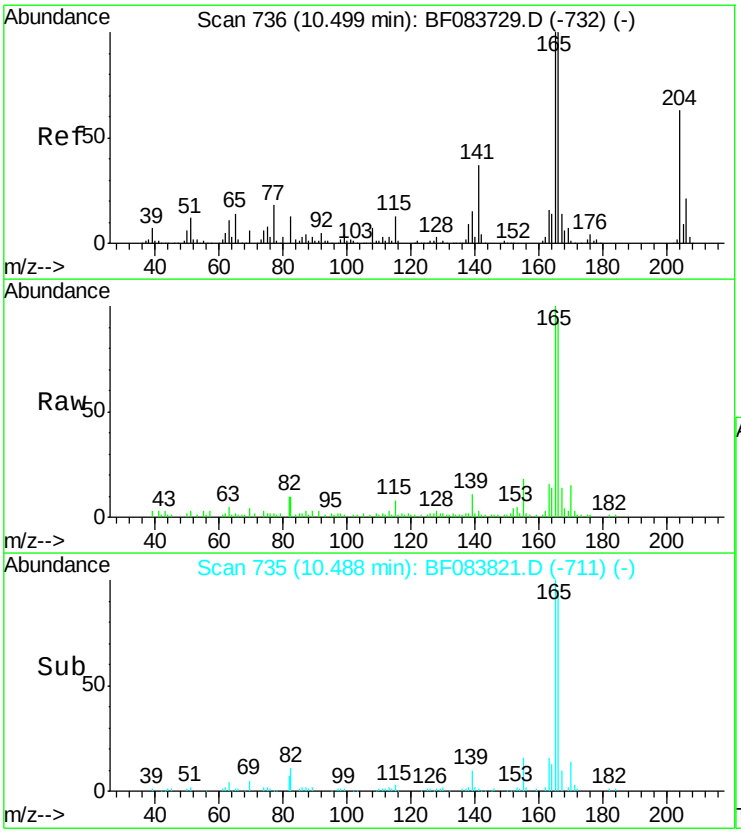
#54
Dibenzofuran
Concen: 2.39 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:168 Resp: 30800

Ion	Ratio	Lower	Upper
168	100		
139	39.7	28.0	42.0
169	28.0	10.8	16.2#

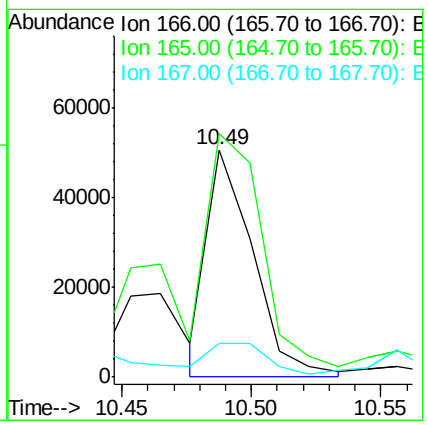


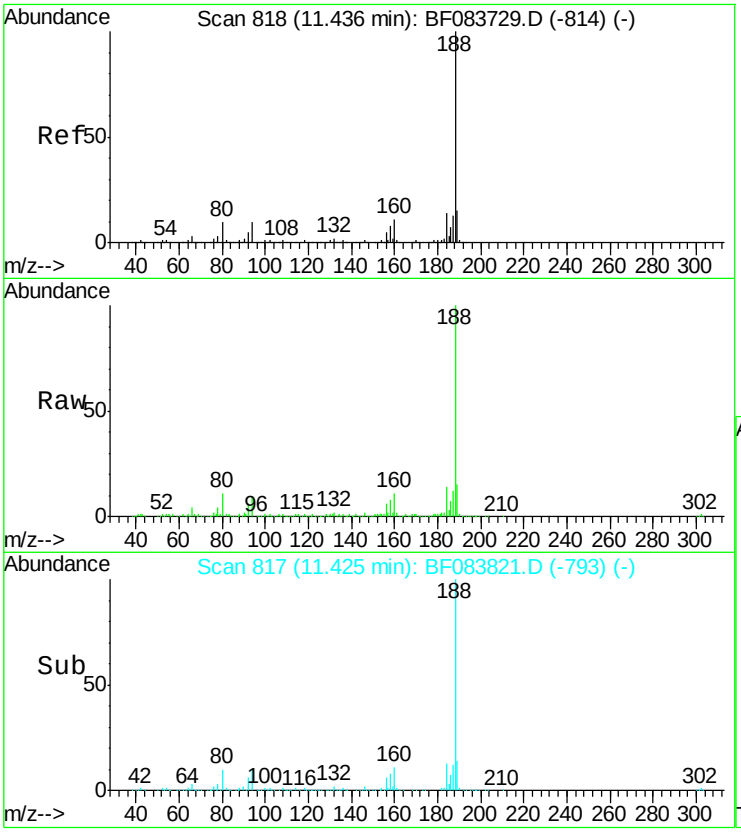


#57
Fluorene
Concen: 6.15 ng m
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:166 Resp: 62467

Ion	Ratio	Lower	Upper
166	100		
165	107.1	80.0	120.0
167	15.0	10.6	16.0



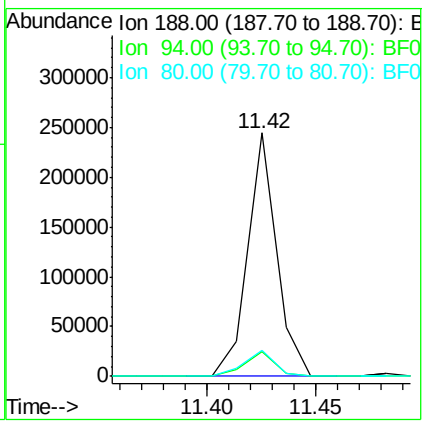


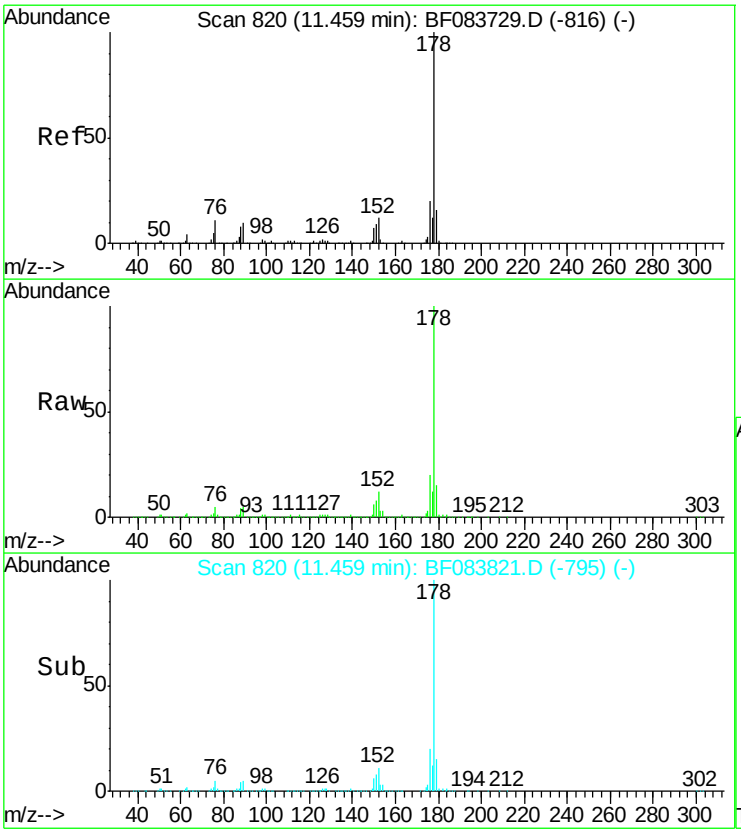
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:188 Resp: 226380

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.4	14.2
80	10.5	10.6	16.0#

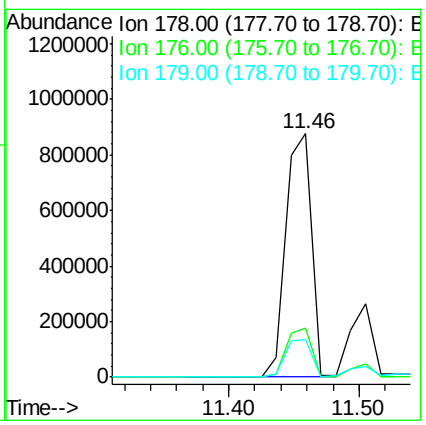


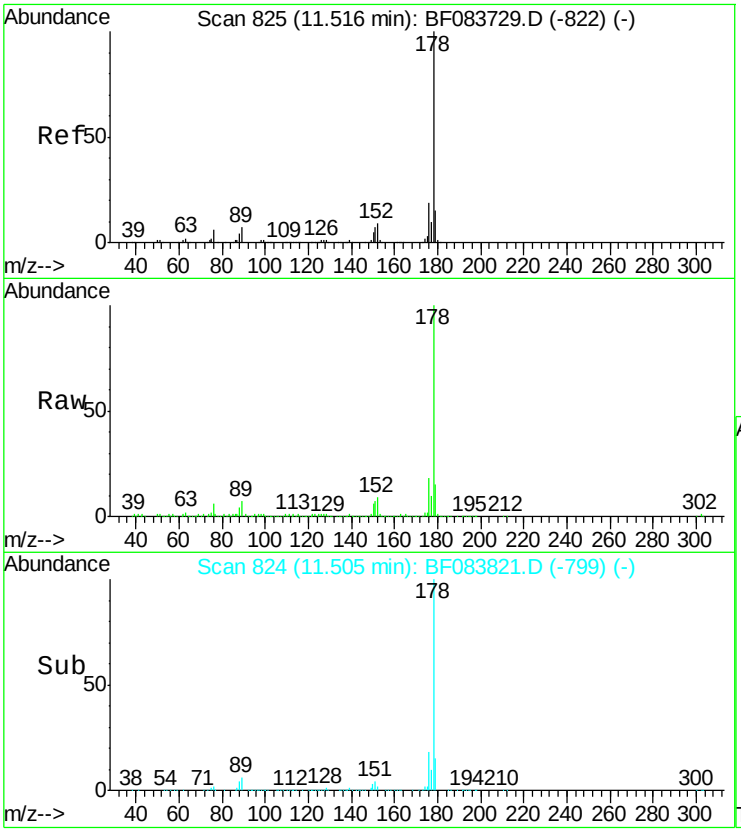


#70
Phenanthrene
Concen: 100.16 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:178 Resp: 1204576

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.4	12.2	18.4



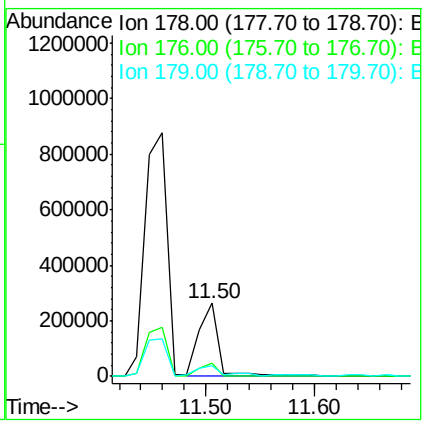


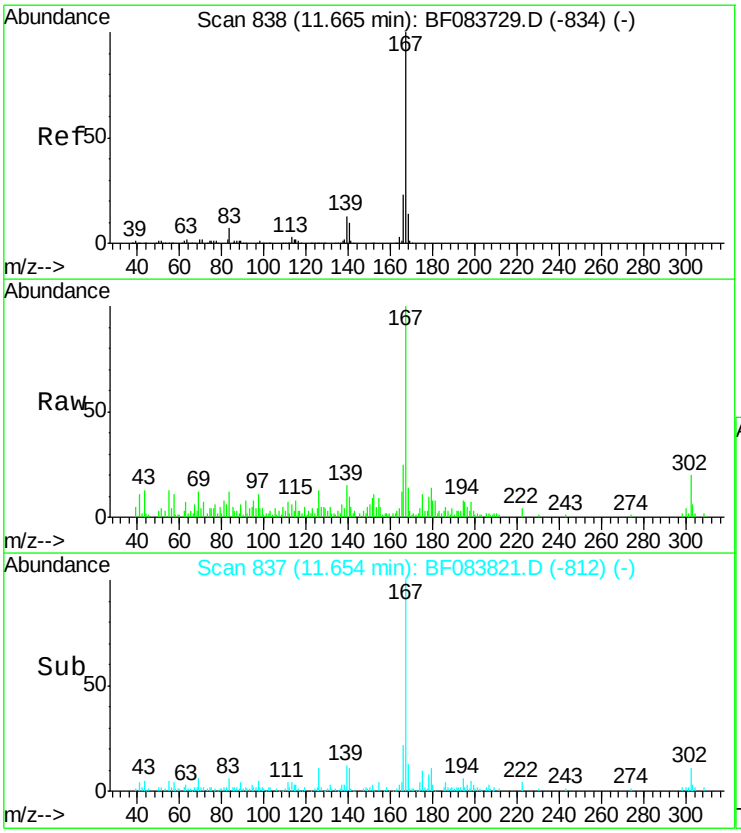
#71
Anthracene
Concen: 25.69 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:178 Resp: 320859

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.3	12.6	18.8

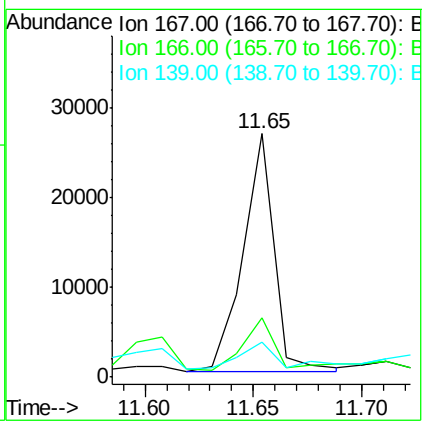


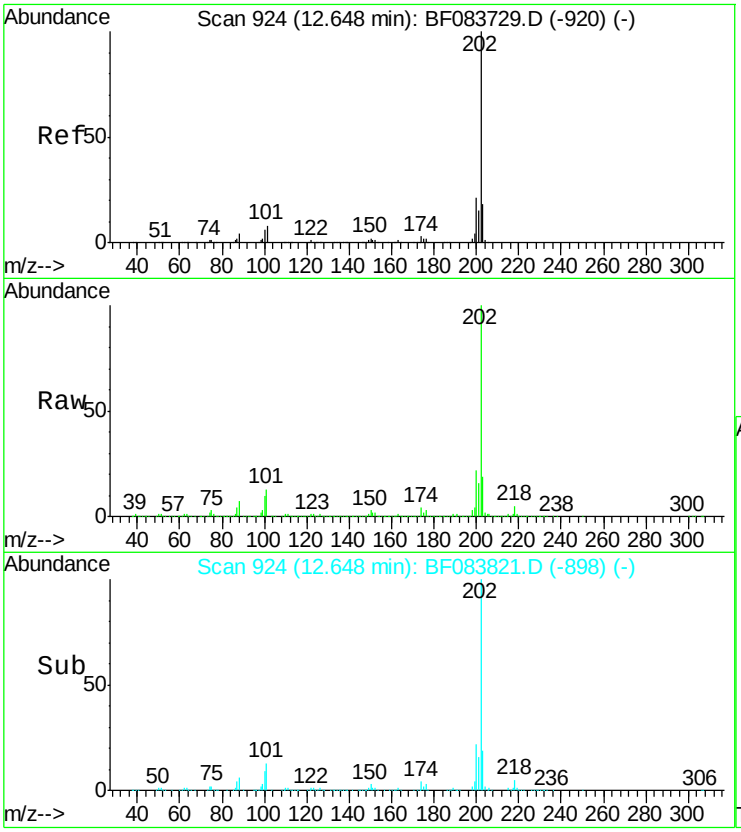


#72
Carbazole
Concen: 2.24 ng
RT: 11.65 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:167 Resp: 26116

Ion	Ratio	Lower	Upper
167	100		
166	24.6	17.2	25.8
139	14.5	9.3	13.9#



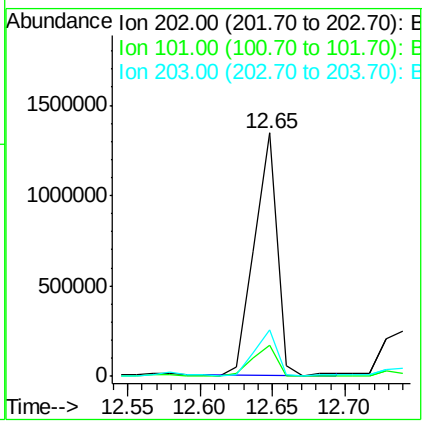


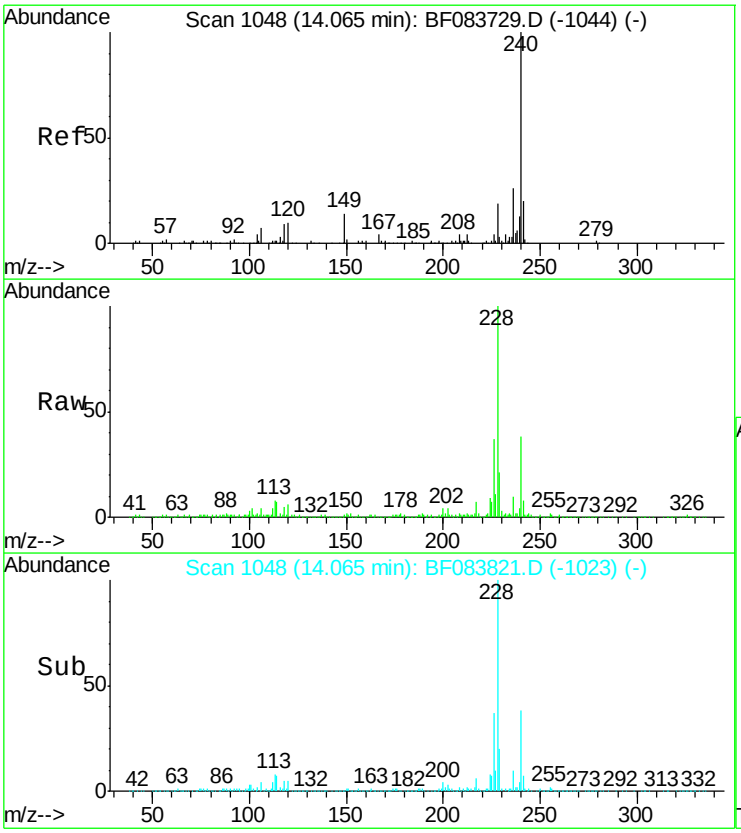
#74
Fluoranthene
Concen: 118.26 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:202 Resp: 1469491

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	19.2	0.0	37.6

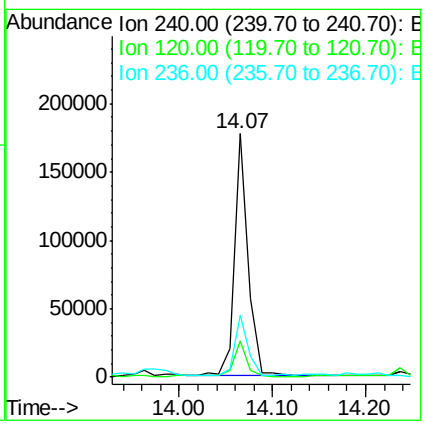


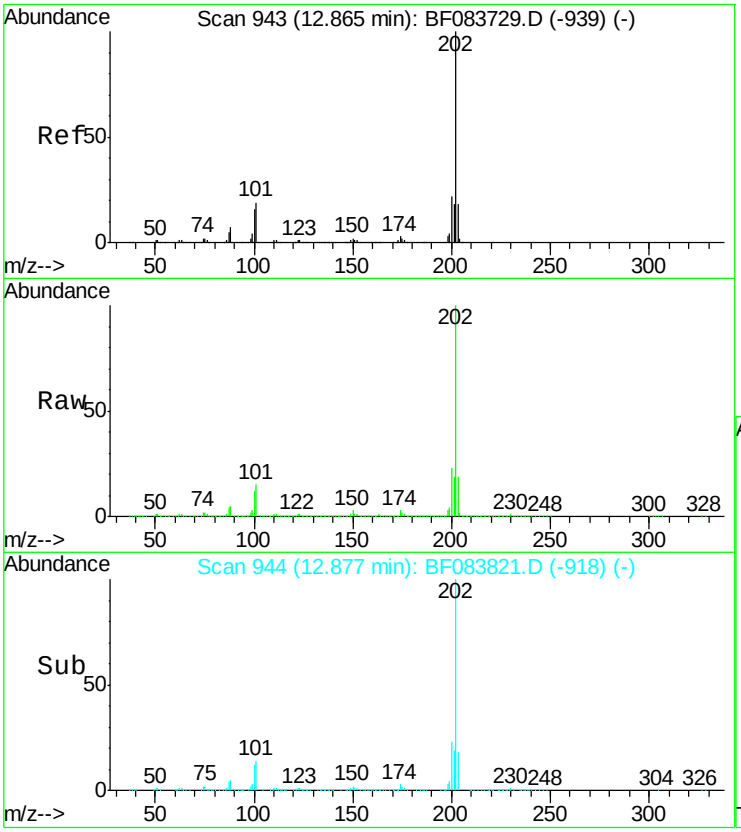


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:240 Resp: 180993

Ion	Ratio	Lower	Upper
240	100		
120	14.8	8.1	12.1#
236	25.5	20.8	31.2



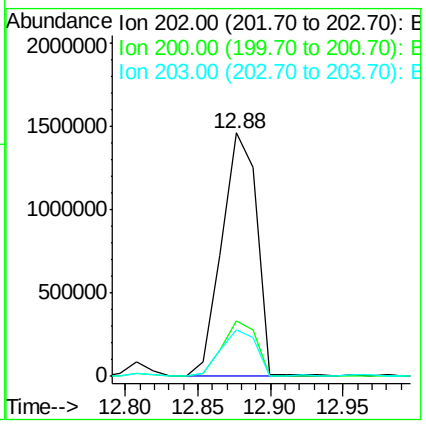


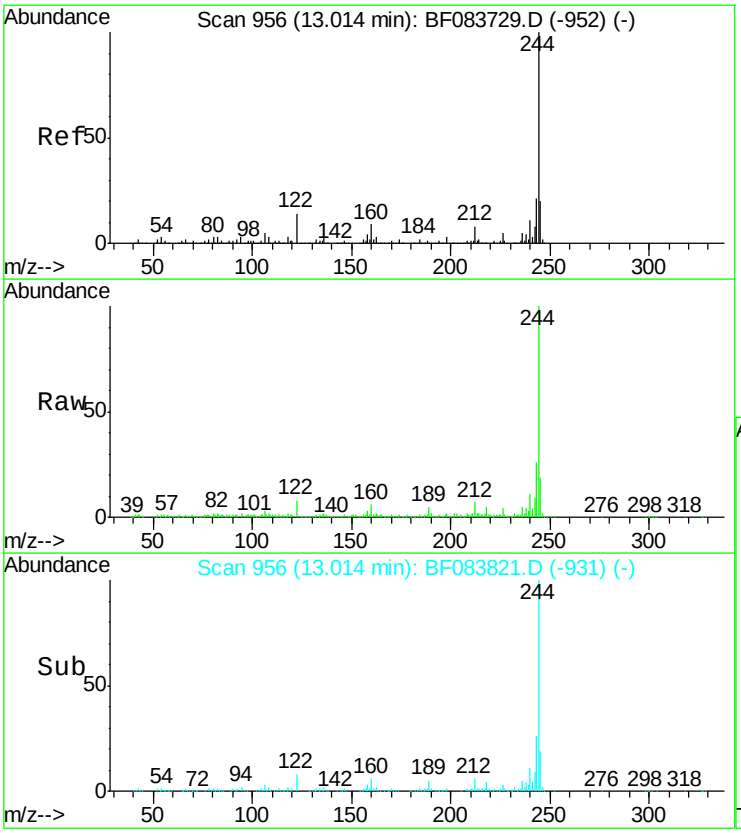
#77
Pyrene
Concen: 169.17 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:202 Resp: 2419988

Ion	Ratio	Lower	Upper
202	100		
200	22.8	16.7	25.1
203	19.0	14.3	21.5

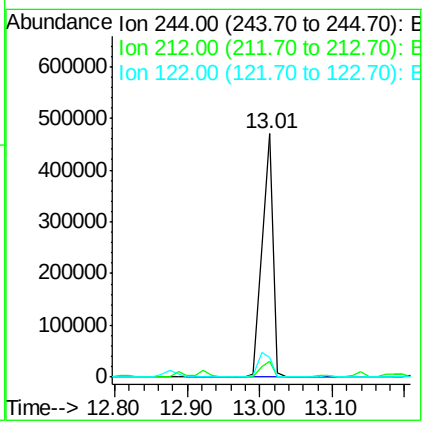


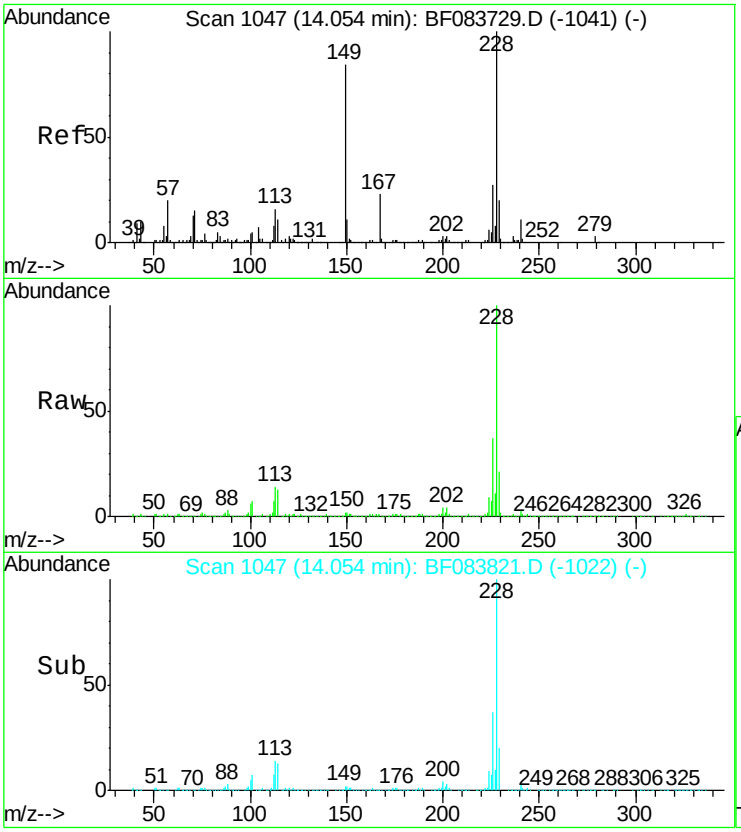


#78
Terphenyl-d14
Concen: 60.56 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:244 Resp: 509520

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	8.2	11.0	16.6#



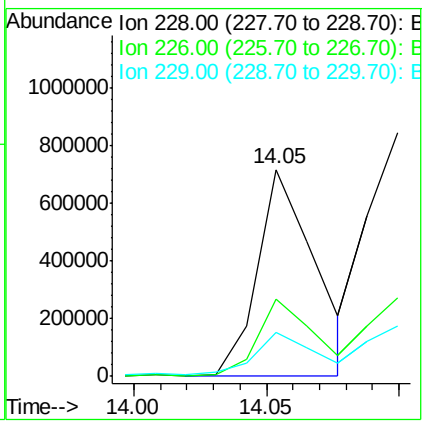


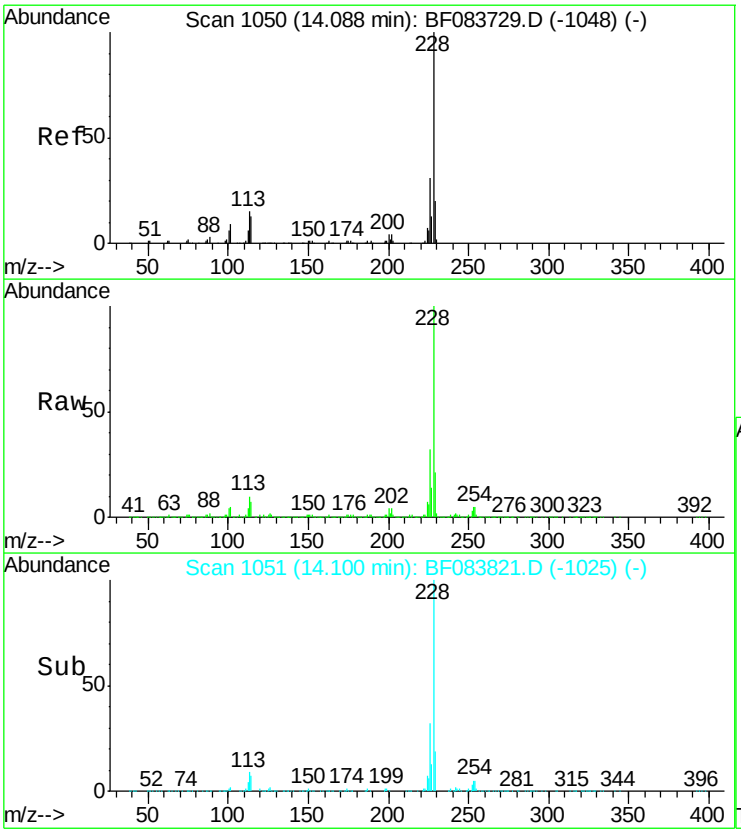
#80
Benzo(a)anthracene
Concen: 104.65 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:228 Resp: 1077080

Ion	Ratio	Lower	Upper
228	100		
226	37.4	22.3	33.5#
229	21.3	15.7	23.5

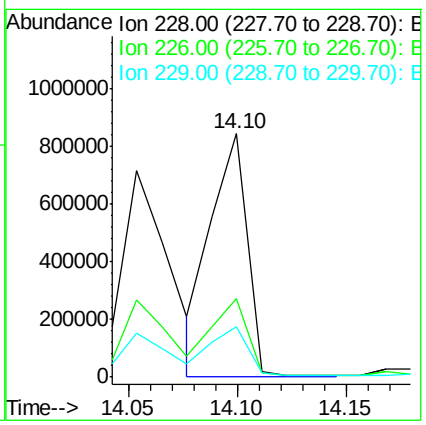


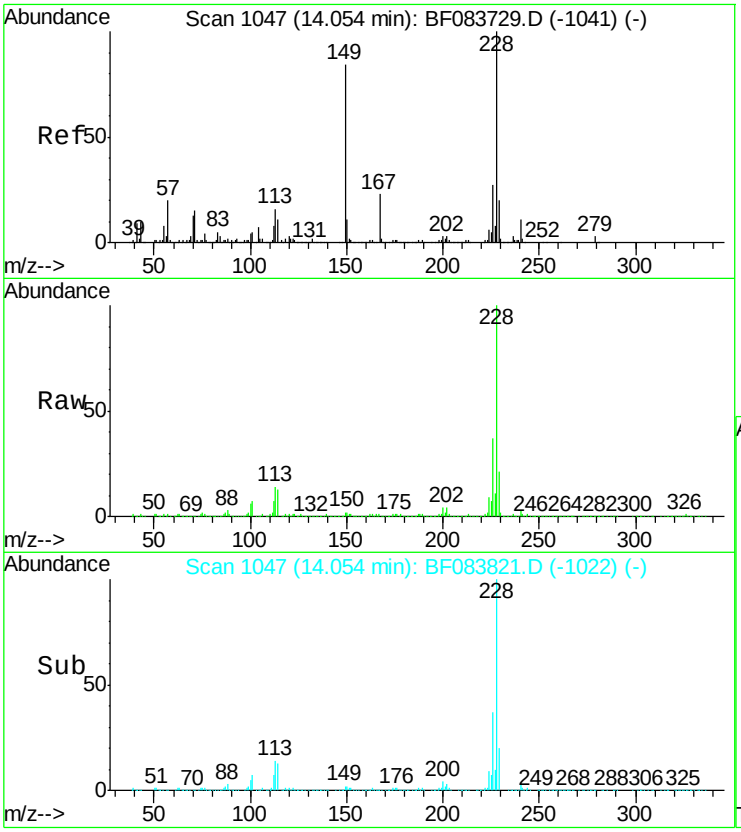


#82
Chrysene
Concen: 96.95 ng
RT: 14.10 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:228 Resp: 973161

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.7	37.1
229	20.8	16.3	24.5



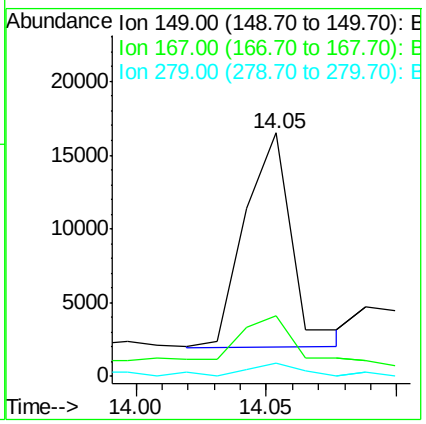


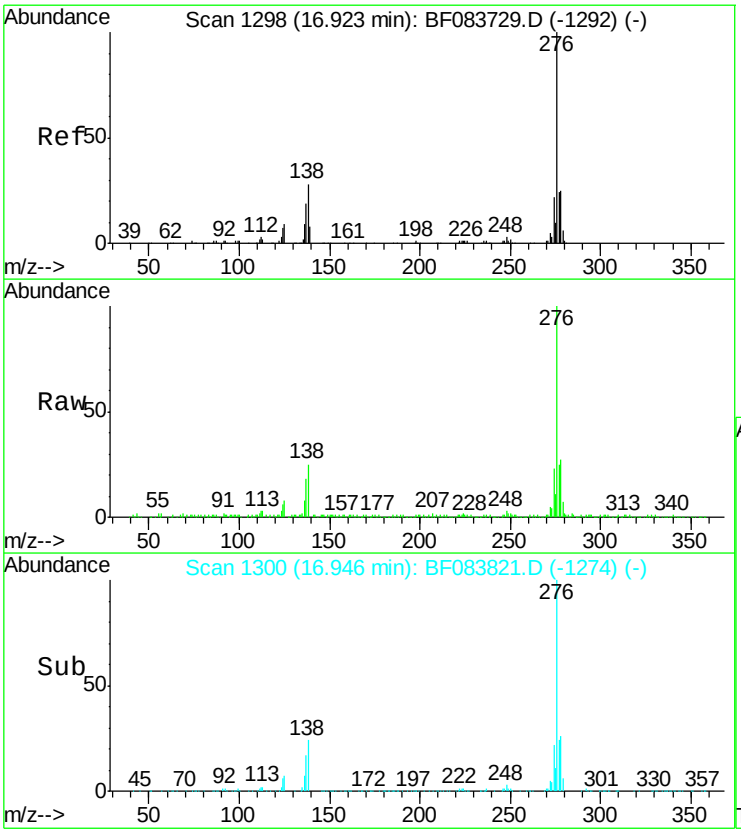
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.63 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:149 Resp: 18353

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.8
279	5.3	3.0	4.4#

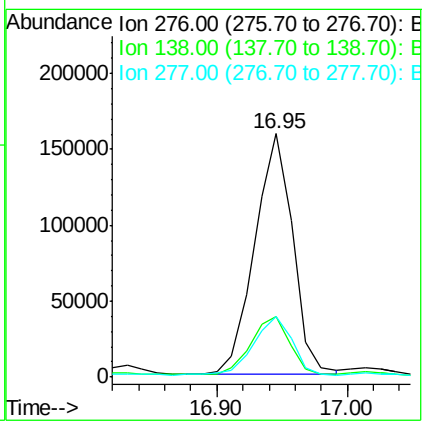


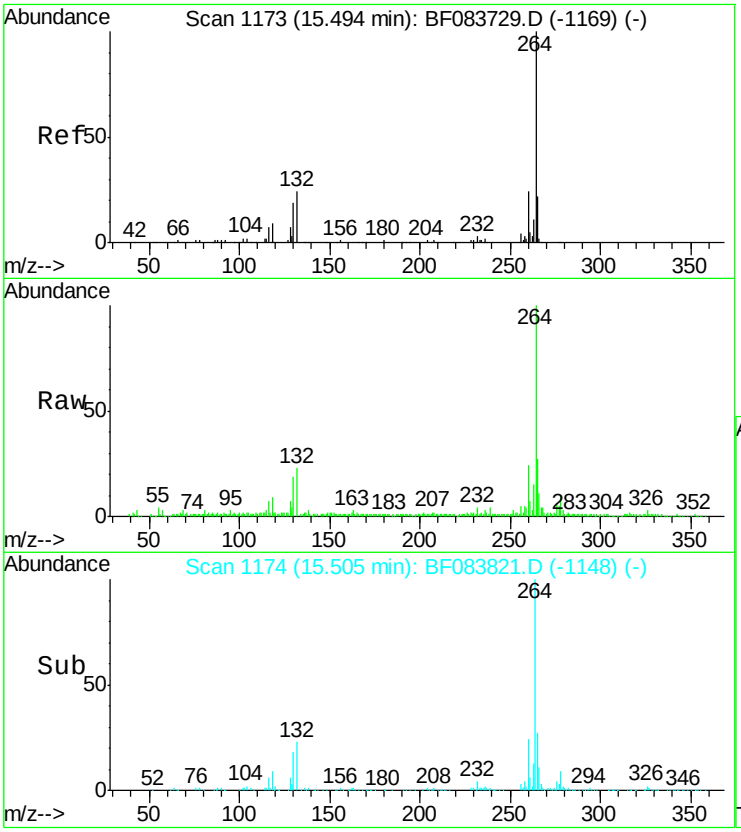


#85
Indeno(1,2,3-cd)pyrene
Concen: 32.87 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:276 Resp: 324106

Ion	Ratio	Lower	Upper
276	100		
138	24.4	0.0	0.0#
277	24.2	0.0	0.0#



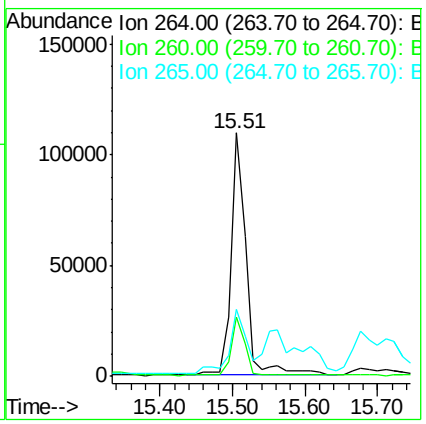


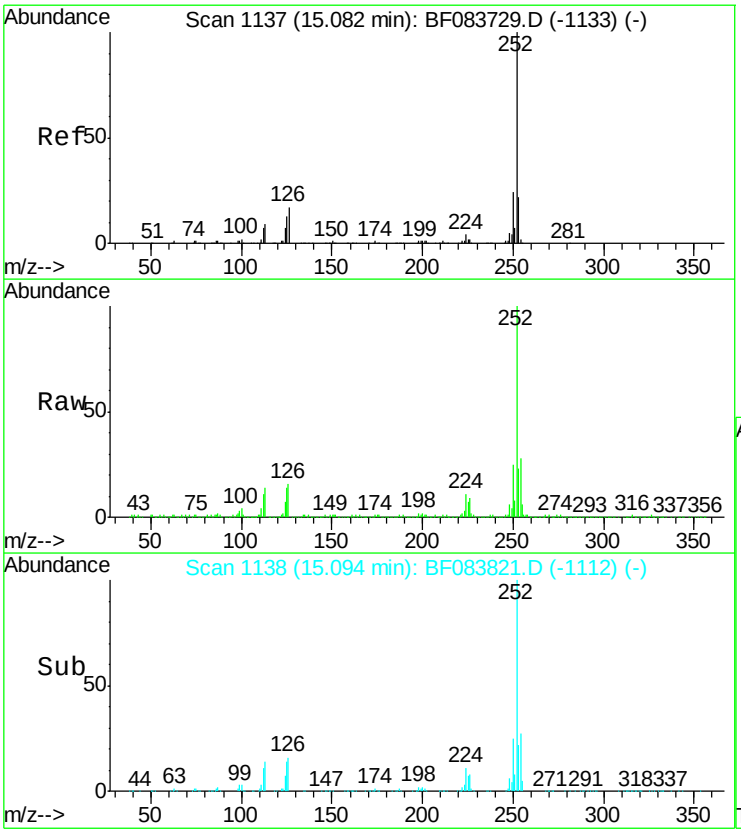
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:264 Resp: 157114

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	27.4	17.8	26.6#

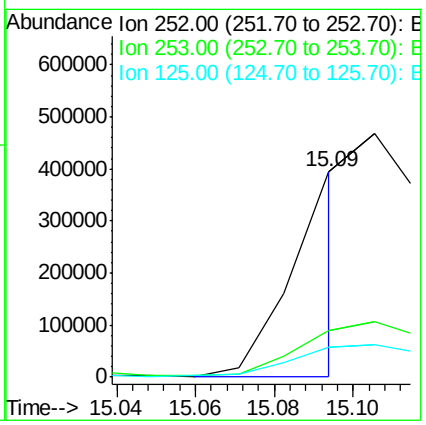


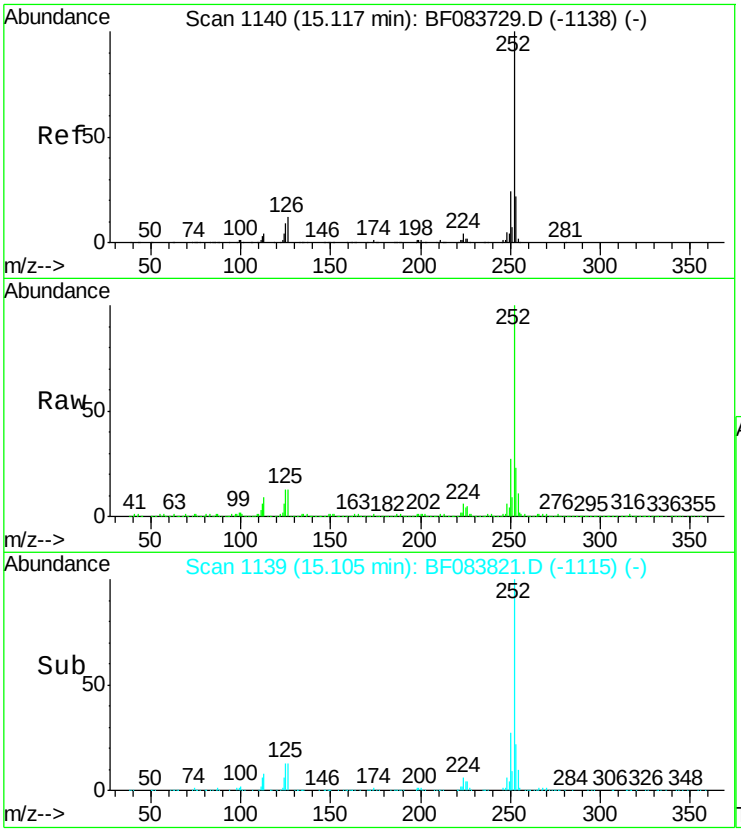


#87
Benzo(b)fluoranthene
Concen: 39.34 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:252 Resp: 394346

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	14.4	8.2	12.4#



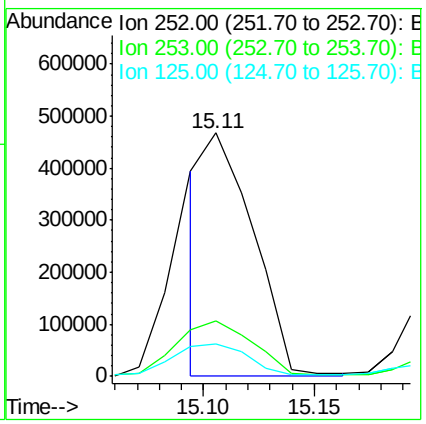


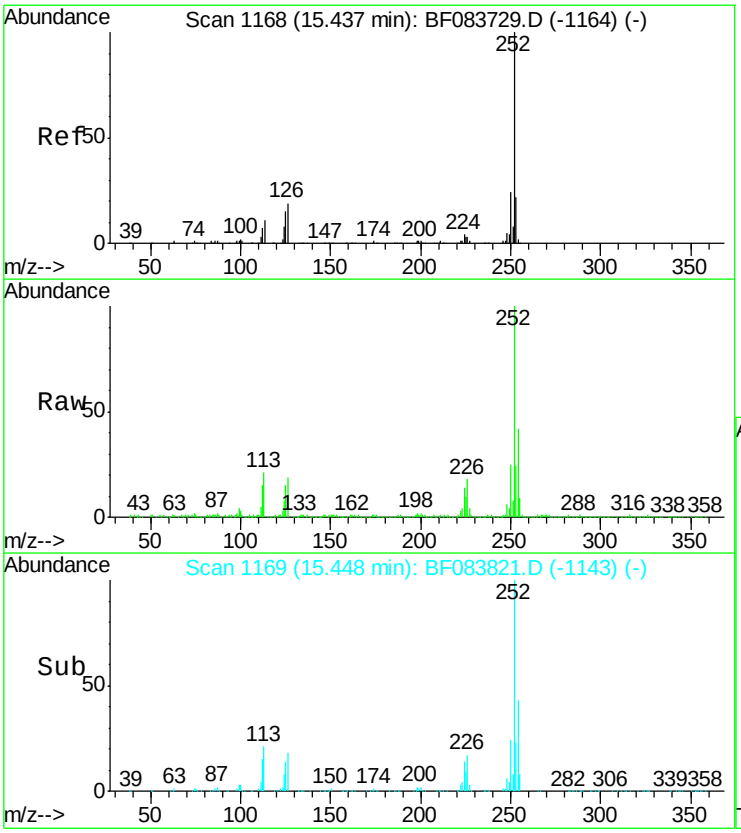
#88
Benzo(k)fluoranthene
Concen: 79.16 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:252 Resp: 718961

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	27.8
125	13.5	11.5	17.3

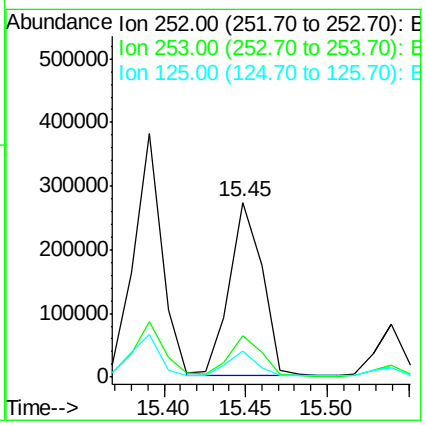


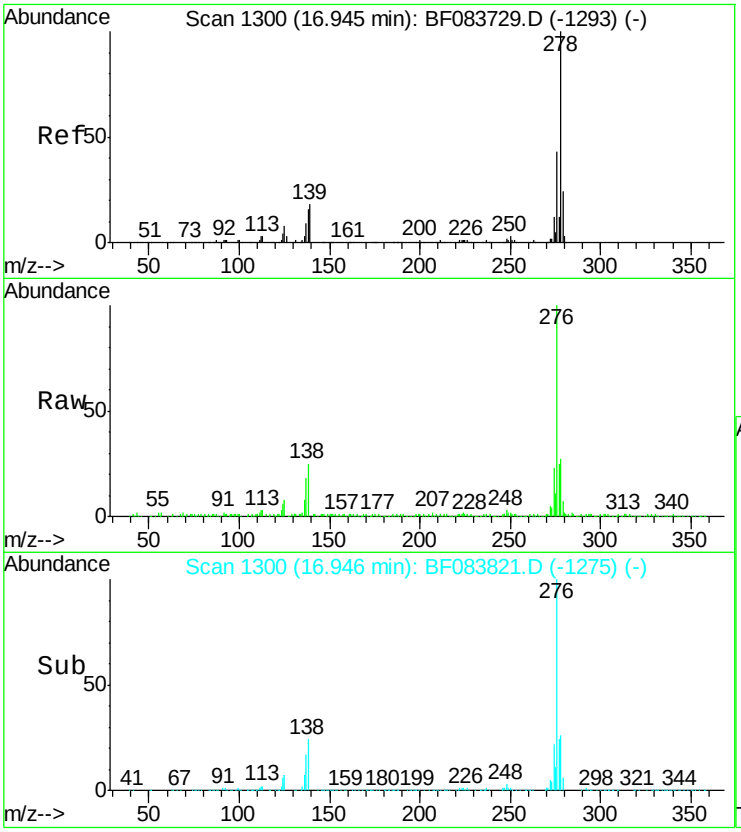


#89
Benzo(a)pyrene
Concen: 42.58 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:252 Resp: 380894

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.5	26.3
125	14.8	11.0	16.6



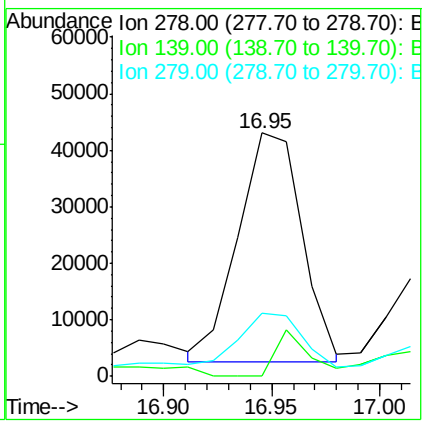


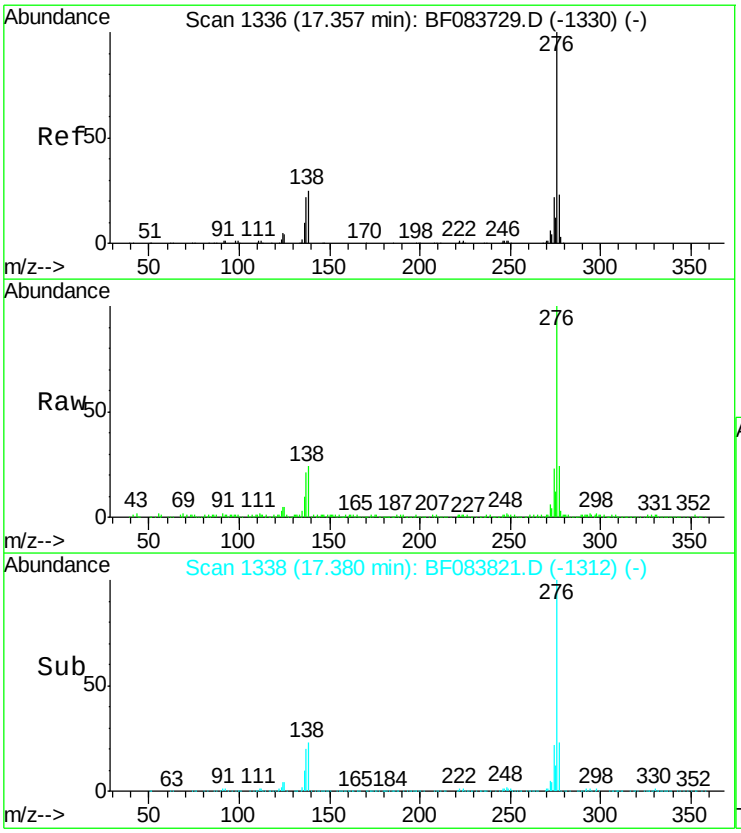
#90
Dibenzo(a,h)anthracene
Concen: 9.42 ng m
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Instrument :
BNA_F
ClientSampleId :
K1206-0-2

Tgt Ion:278 Resp: 83785

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	25.9	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 35.16 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF083821.D
Acq: 15 Dec 2015 16:31

Tgt Ion:276 Resp: 321423

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	24.3	19.5	29.3