Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083582.D
Acq On : 8 Dec 2015 5:13
Operator : UM/IZ
Sample : G4584-01DL2 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-P3WC-10(0-6)DL2

Quant Time: Dec 08 06:35:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	148780	20.00	ng		-0.05
21) Naphthalene-d8	7.62	136	530207	20.00	ng		-0.06
38) Acenaphthene-d10	10.41	164	232337	20.00	ng		-0.06
63) Phenanthrene-d10	12.81	188	366423	20.00	ng		-0.05
75) Chrysene-d12	17.01	240	348047	20.00	ng		-0.03
86) Perylene-d12	18.65	264	267494	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.03	112	45122	4.60	ng		0.00
7) Phenol-d6	5.32	99	62182	4.60	ng		0.00
23) Nitrobenzene-d5	6.57	82	40958	3.61	ng		-0.03
41) 2,4,6-Tribromophenol	11.71	330	8296	3.87	ng		-0.05
44) 2-Fluorobiphenyl	9.37	172	69513	4.06	ng		-0.06
78) Terphenyl-d14	15.44	244	55212	3.53	ng		-0.05
Target Compounds							Qvalue
31) Naphthalene	7.65	128	284070	10.07	ng		99
32) Benzoic acid	7.65	122	249	2.69	ng	#	1
33) 4-Chloroaniline	7.65	127	36587	3.31	ng	#	29
37) 2-Methylnaphthalene	8.76	142	72063	4.13	ng		95
48) Acenaphthylene	10.18	152	217831	8.55	ng		98
51) Acenaphthene	10.46	154	35355	2.41	ng		94
57) Fluorene	11.30	166	94629	5.36	ng		96
70) Phenanthrene	12.84	178	662668	31.07	ng		99
71) Anthracene	12.93	178	172074	7.91	ng		98
74) Fluoranthene	14.77	202	471504	22.31	ng		99
77) Pyrene	15.13	202	674282	25.90	ng		98
80) Benzo(a)anthracene	17.05	228	198676	9.76	ng		99
82) Chrysene	17.05	228	198676	9.79	ng		97
85) Indeno(1,2,3-cd)pyrene	19.92	276	94648	5.44	ng	#	100
87) Benzo(b)fluoranthene	18.28	252	250699	16.69	ng		98
88) Benzo(k)fluoranthene	18.39	252	45268	2.94	ng		96
89) Benzo(a)pyrene	18.55	252	120730	8.26	ng		99
91) Benzo(g,h,i)perylene	20.27	276	118414	8.36	ng	#	94

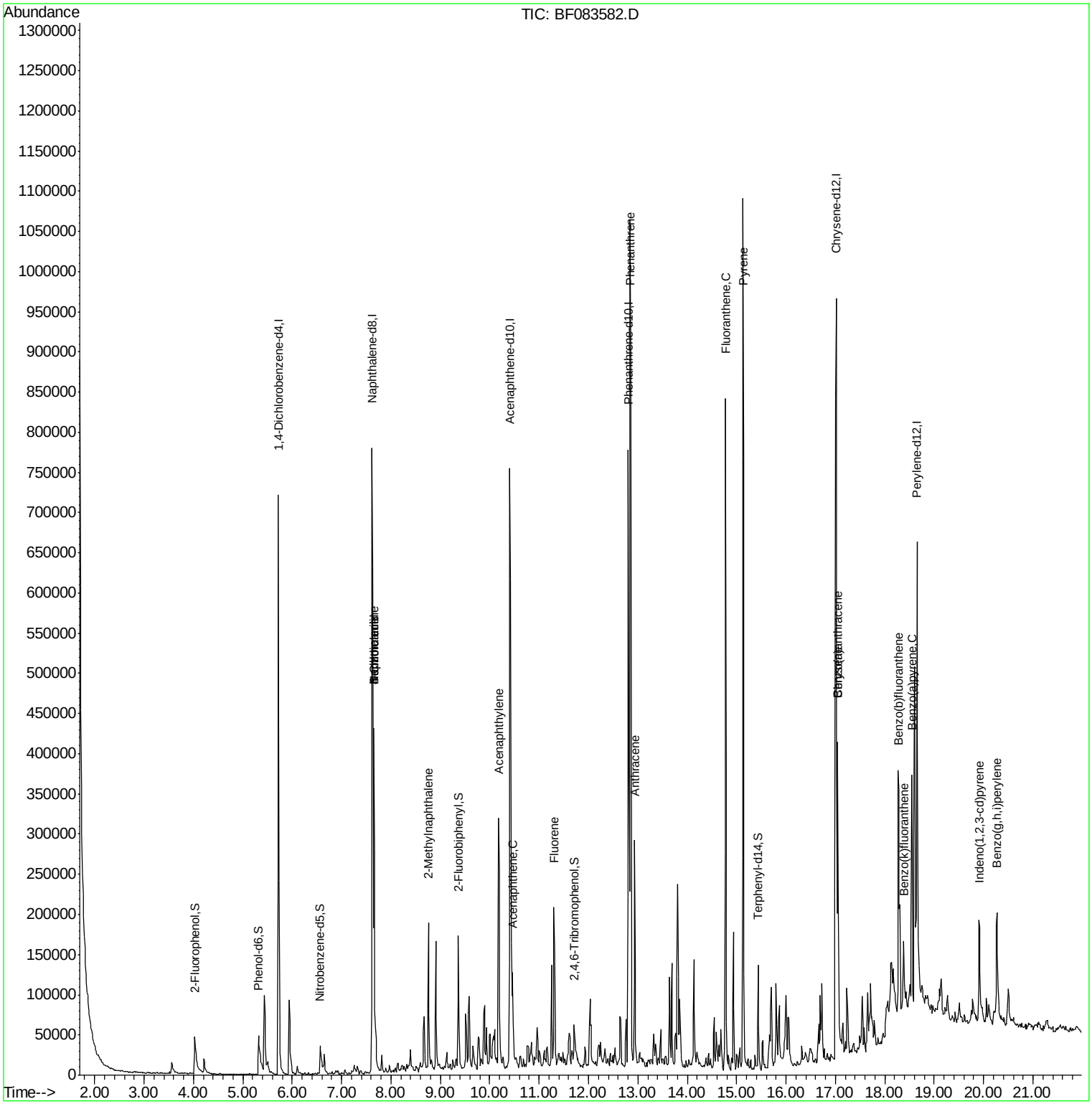
(#) = qualifier out of range (m) = manual integration (+) = signals summed

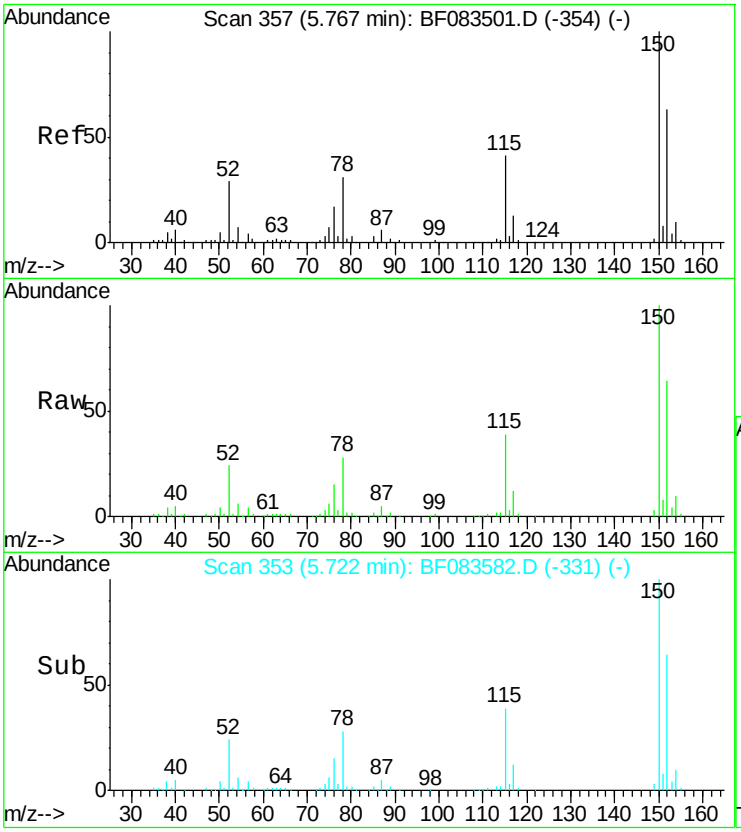
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120715\
Data File : BF083582.D
Acq On : 8 Dec 2015 5:13
Operator : UM/IZ
Sample : G4584-01DL2 25X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Quant Time: Dec 08 06:35:00 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration



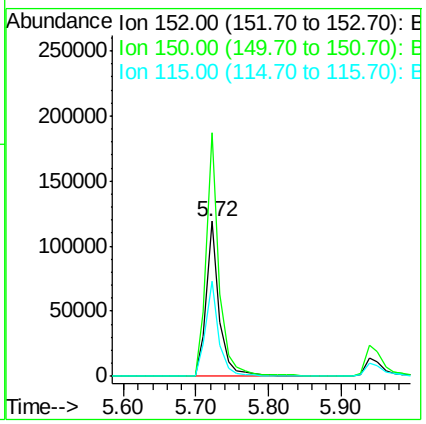


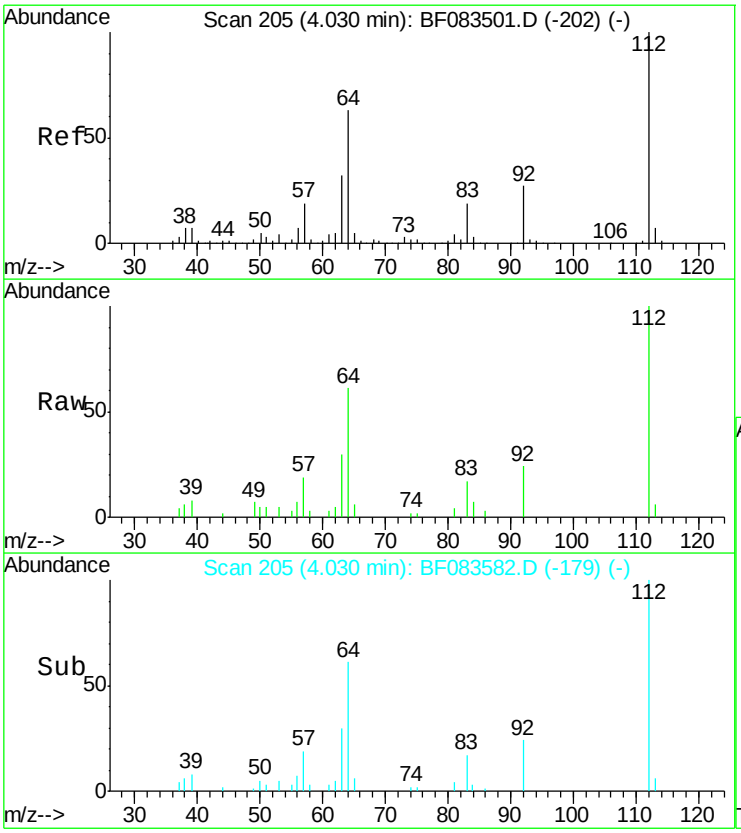
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.72 min Scan# 353
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:152 Resp: 148780

Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.5	189.7
115	61.8	52.3	78.5

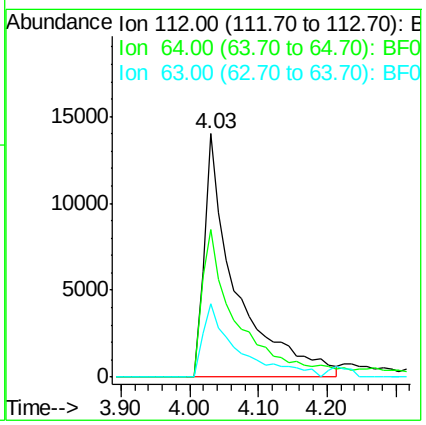


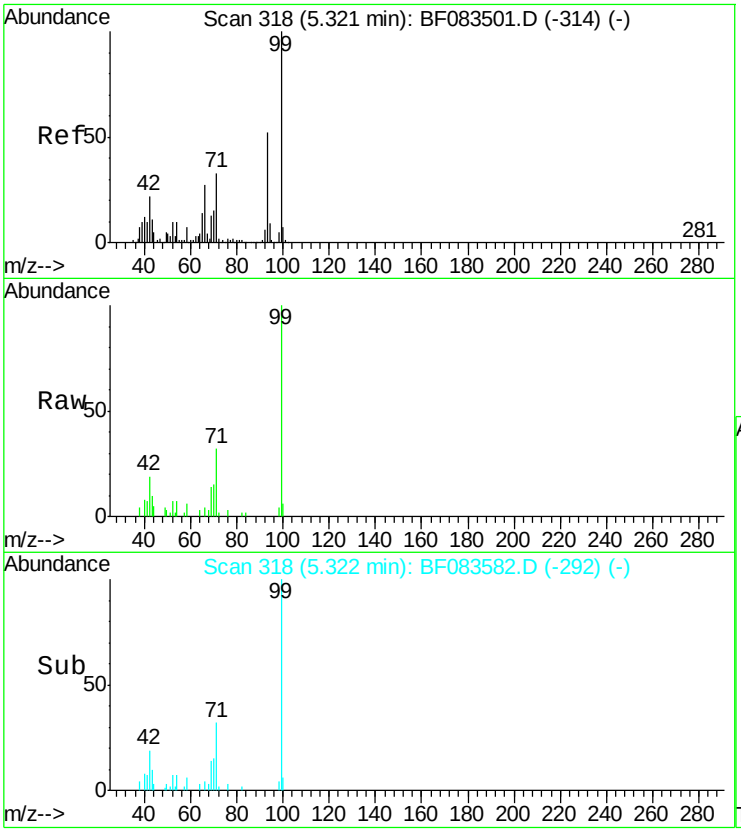


#5
2-Fluorophenol
Concen: 4.60 ng
RT: 4.03 min Scan# 205
Delta R.T. 0.00 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:112 Resp: 45122

Ion	Ratio	Lower	Upper
112	100		
64	60.8	50.5	75.7
63	29.9	25.8	38.6



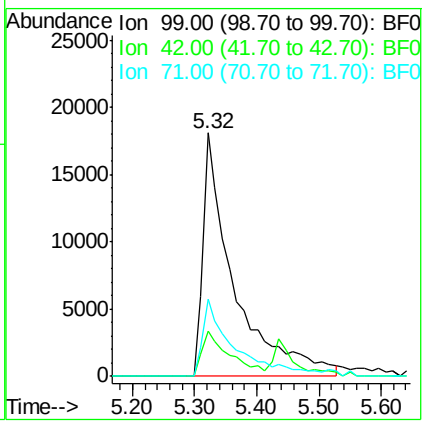


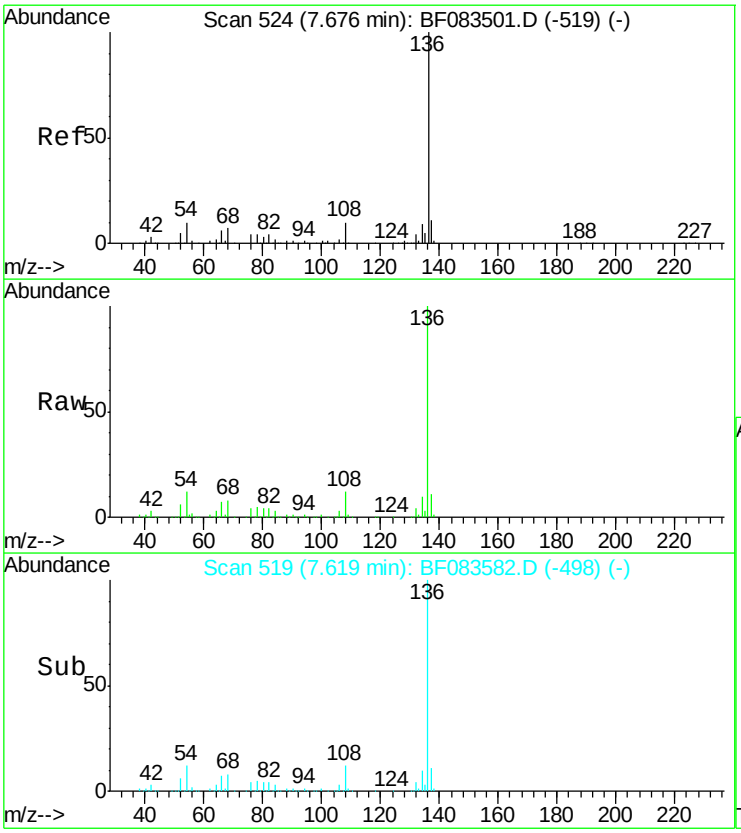
#7
Phenol-d6
Concen: 4.60 ng
RT: 5.32 min Scan# 318
Delta R.T. 0.00 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion: 99 Resp: 62182

Ion	Ratio	Lower	Upper
99	100		
42	18.6	17.3	25.9
71	31.6	26.6	40.0

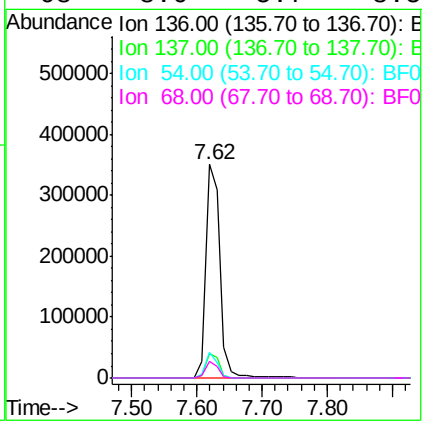


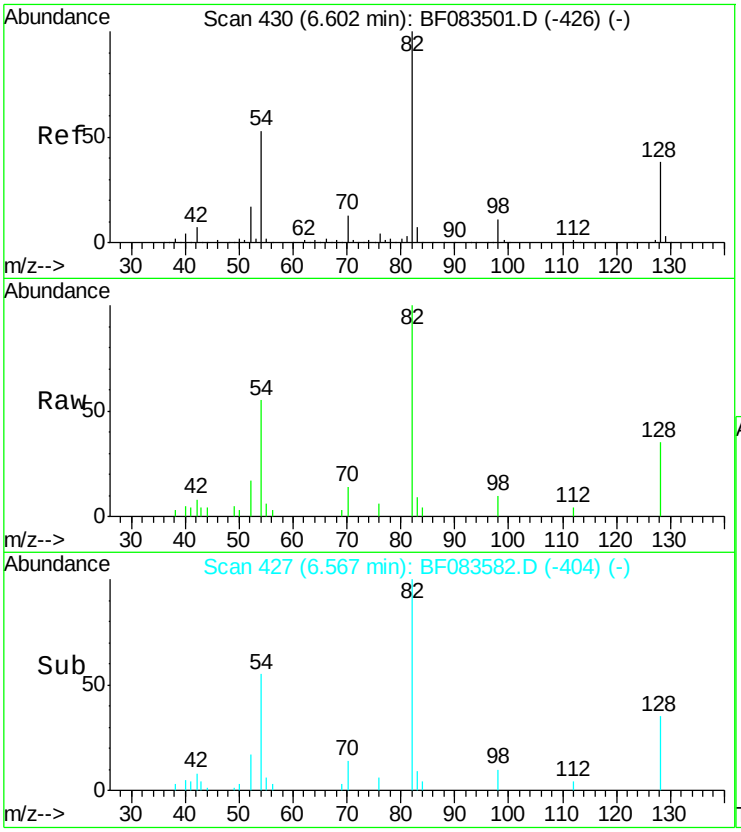


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.62 min Scan# 519
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:136 Resp: 530207

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	11.7	7.8	11.6#
68	8.0	5.7	8.5



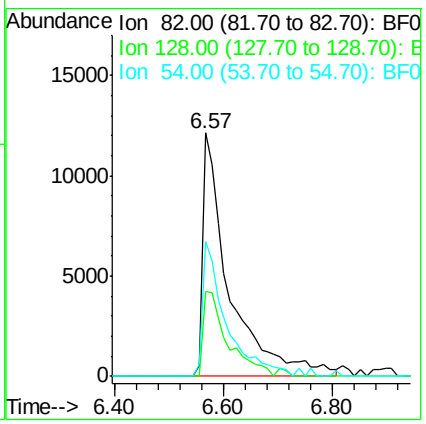


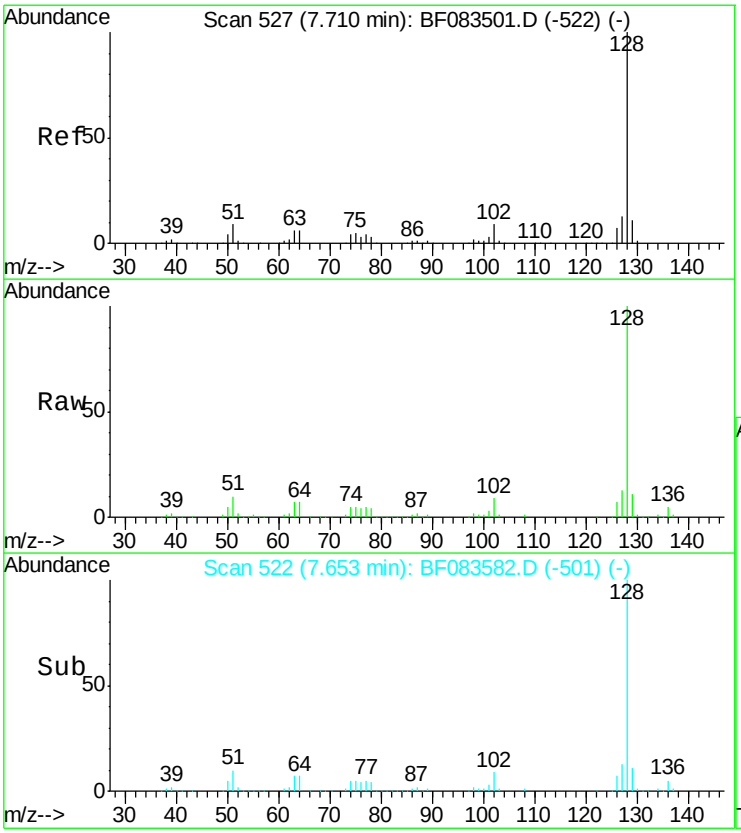
#23
Nitrobenzene-d5
Concen: 3.61 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion: 82 Resp: 40958

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.7	46.1
54	55.3	42.5	63.7

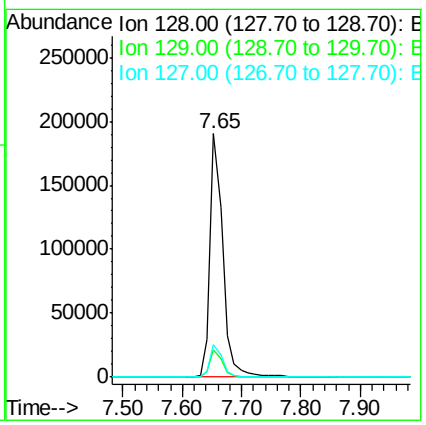


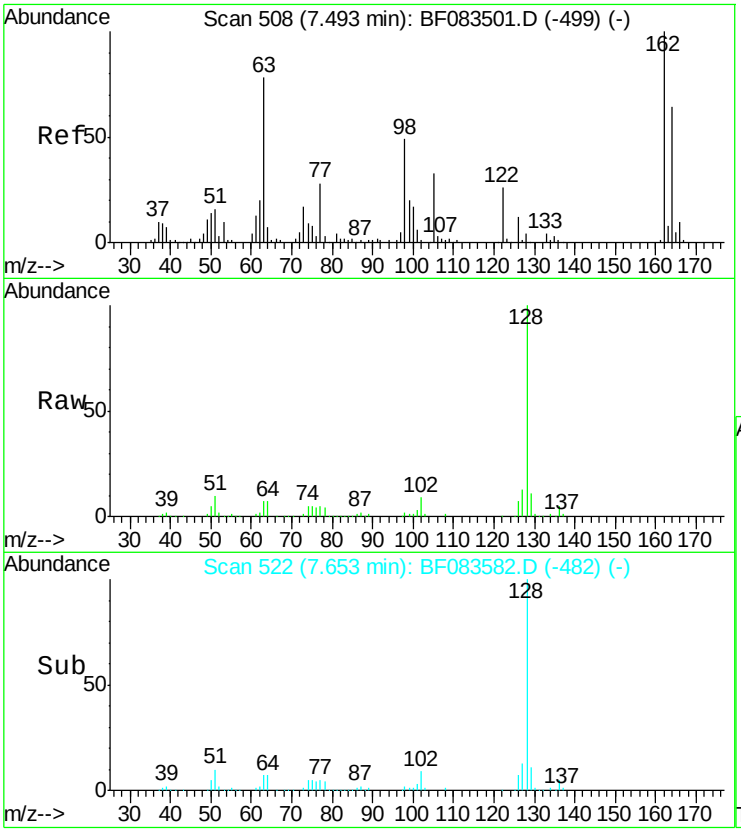


#31
Naphthalene
Concen: 10.07 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:128 Resp: 284070

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.2	10.6	16.0



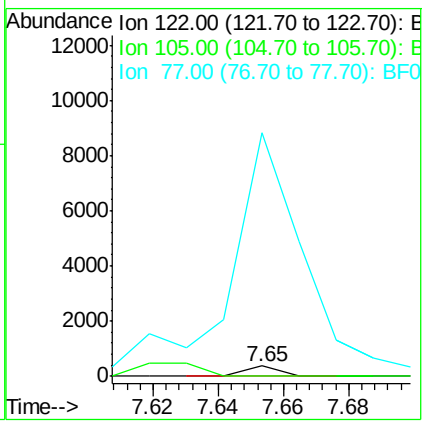


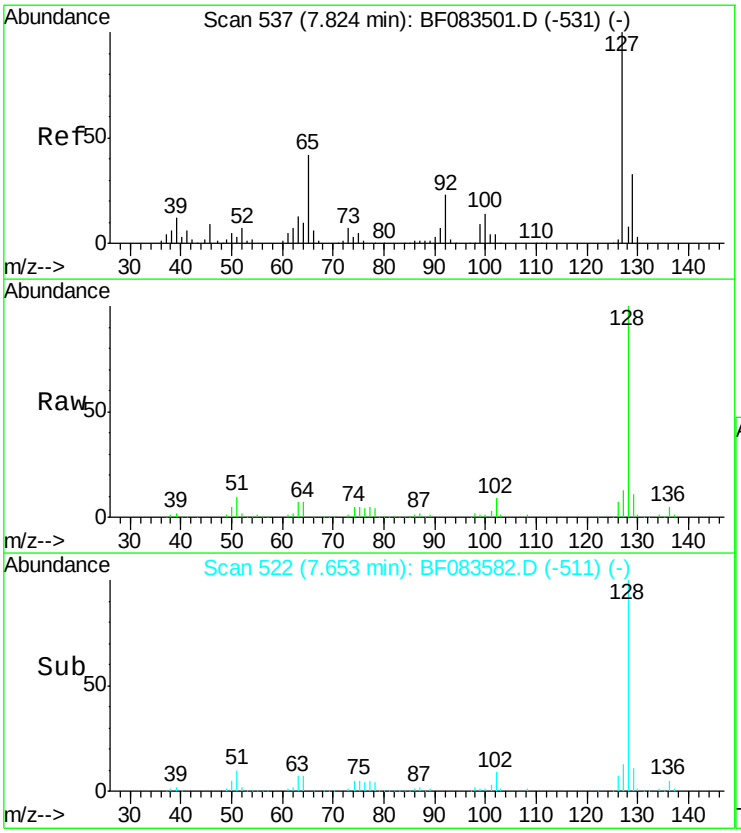
#32
Benzoic acid
Concen: 2.69 ng
RT: 7.65 min Scan# 522
Delta R.T. 0.16 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:122 Resp: 249

Ion	Ratio	Lower	Upper
122	100		
105	0.0	105.6	145.6#
77	2430.9	86.8	126.8#

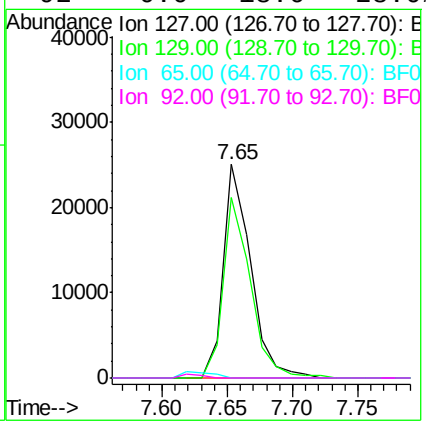


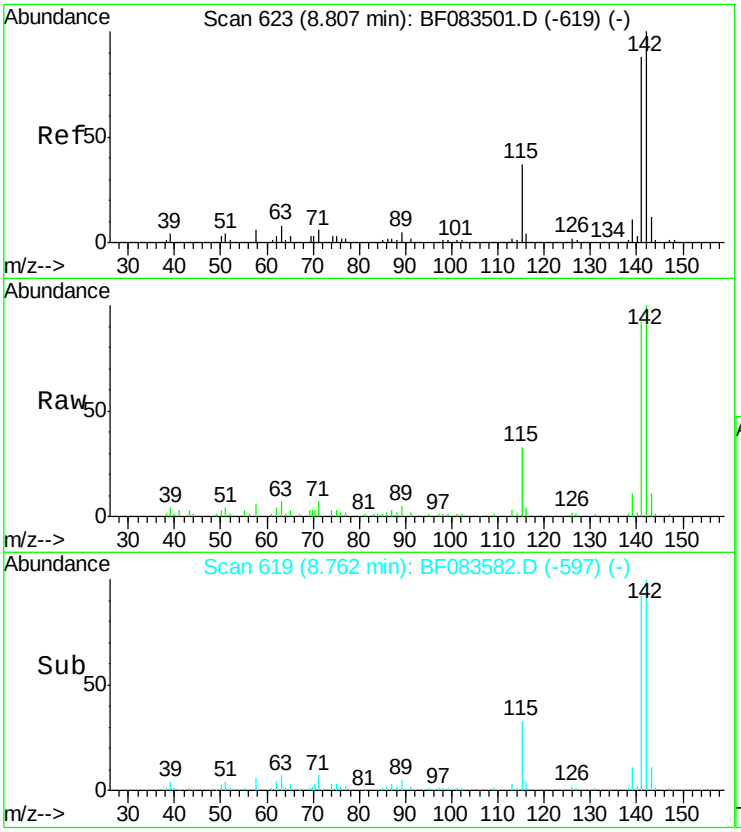


#33
4-Chloroaniline
Concen: 3.31 ng
RT: 7.65 min Scan# 522
Delta R.T. -0.17 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:127 Resp: 36587

Ion	Ratio	Lower	Upper
127	100		
129	84.4	26.1	39.1#
65	0.0	33.5	50.3#
92	0.0	18.6	28.0#



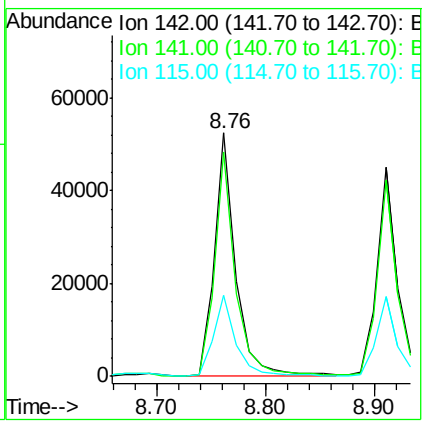


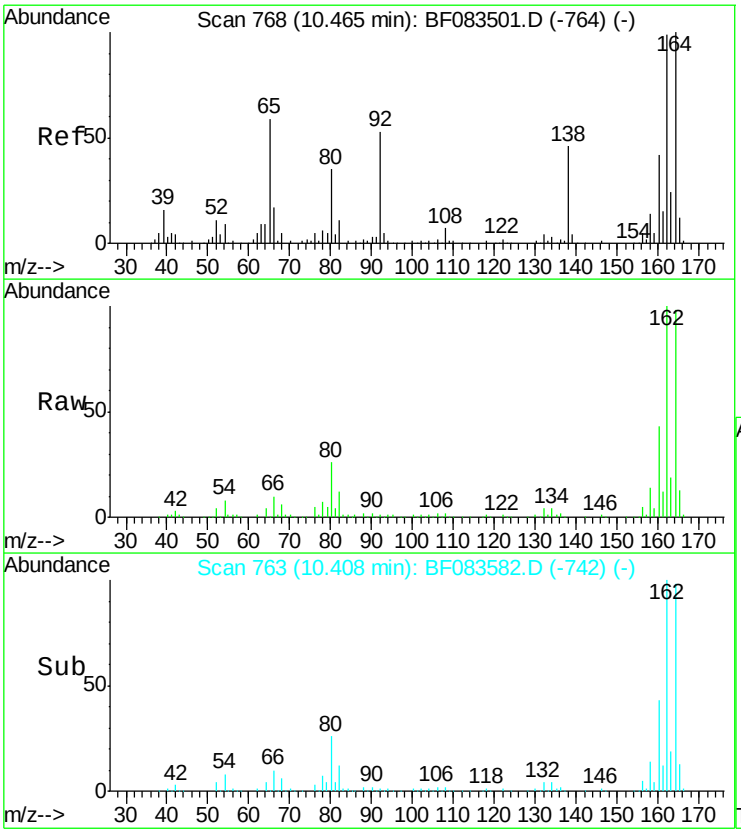
#37
2-Methylnaphthalene
Concen: 4.13 ng
RT: 8.76 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:142 Resp: 72063

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.3	105.5
115	33.3	29.2	43.8

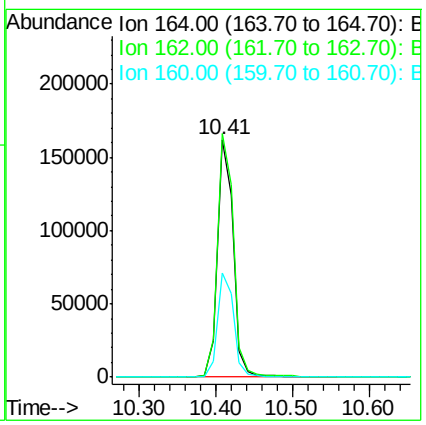


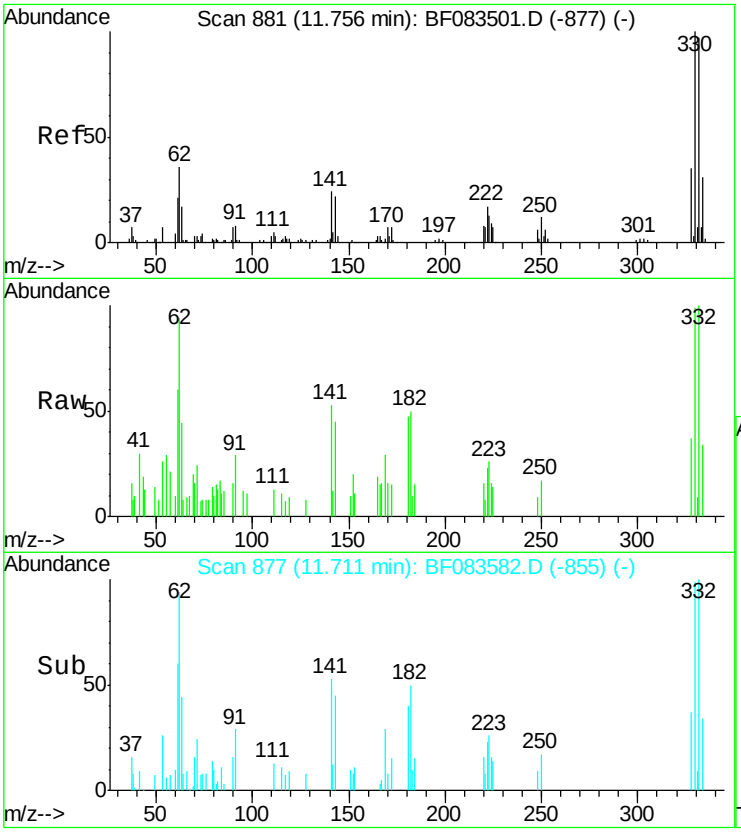


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.41 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:164 Resp: 232337

Ion	Ratio	Lower	Upper
164	100		
162	102.4	78.8	118.2
160	43.5	33.4	50.2



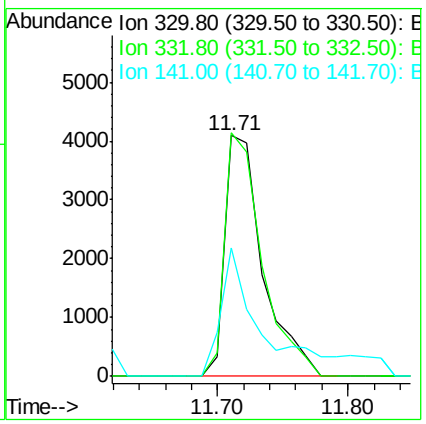


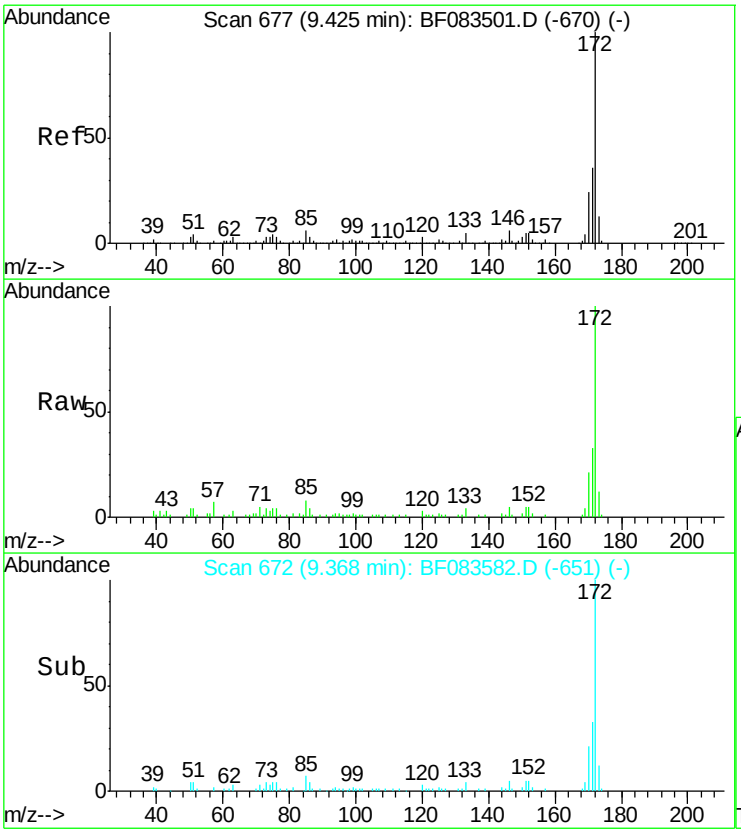
#41
2,4,6-Tribromophenol
Concen: 3.87 ng
RT: 11.71 min Scan# 877
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:330 Resp: 8296

Ion	Ratio	Lower	Upper
330	100		
332	99.6	0.0	0.0#
141	56.9	0.0	0.0#

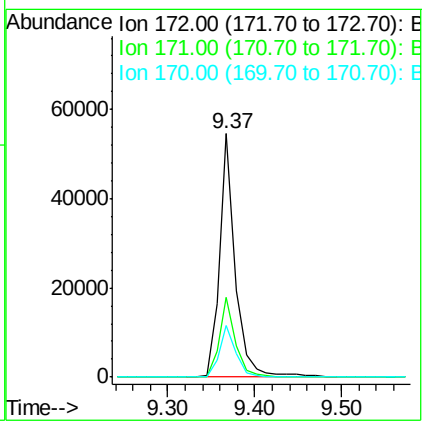


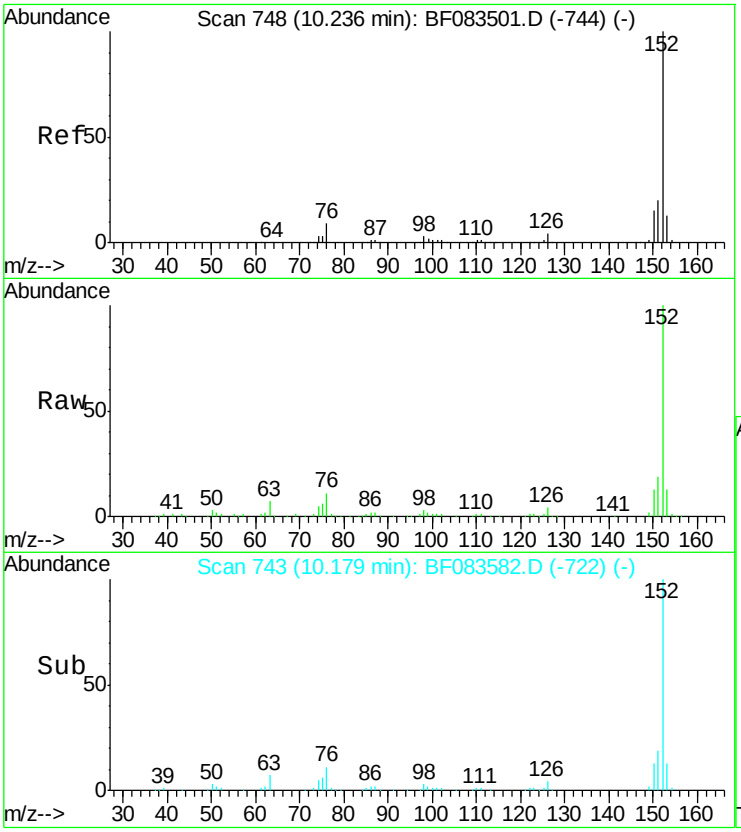


#44
2-Fluorobiphenyl
Concen: 4.06 ng
RT: 9.37 min Scan# 672
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:172 Resp: 69513

Ion	Ratio	Lower	Upper
172	100		
171	32.7	28.6	42.8
170	21.2	19.4	29.0



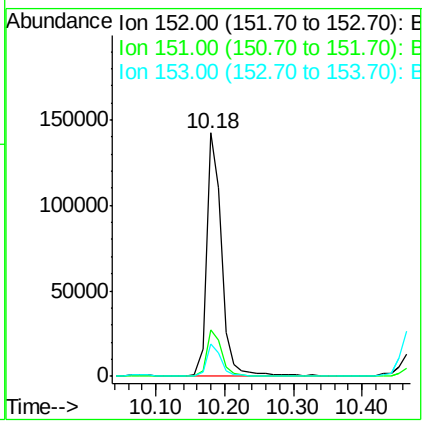


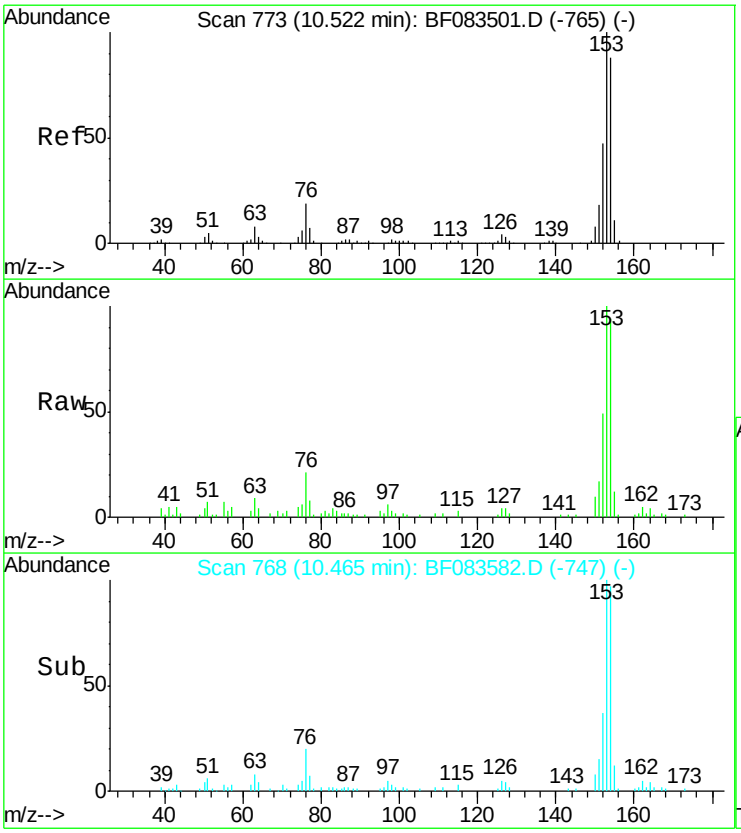
#48
Acenaphthylene
Concen: 8.55 ng
RT: 10.18 min Scan# 743
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:152 Resp: 217831

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	13.4	10.8	16.2

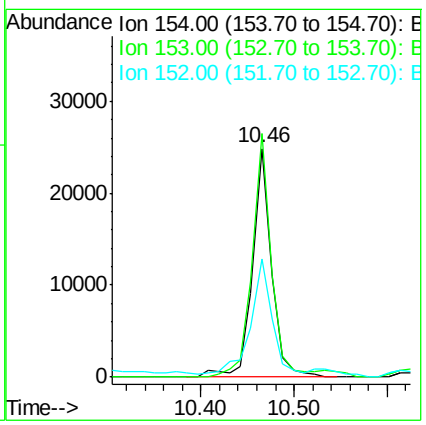


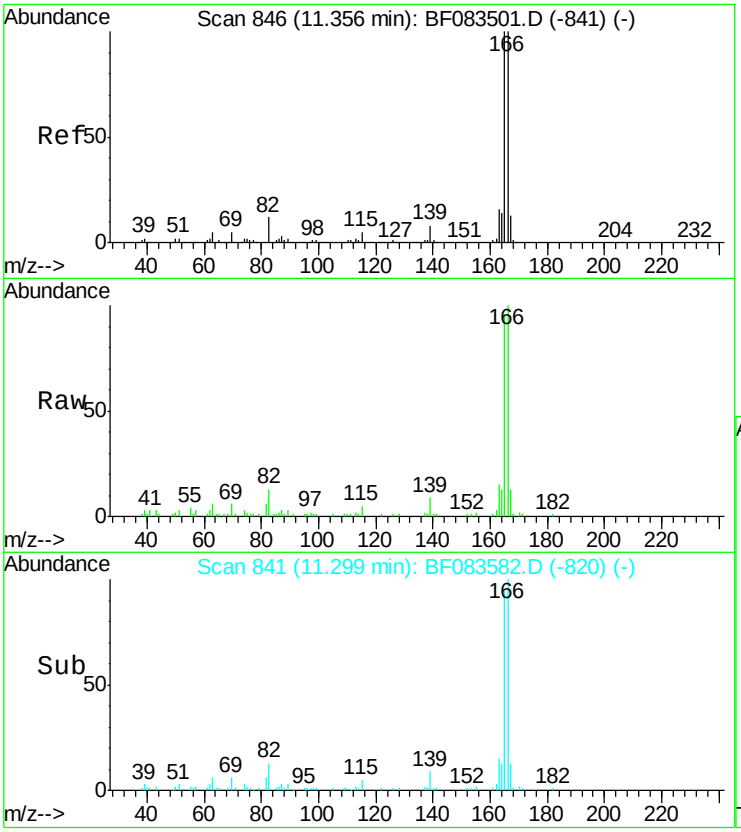


#51
Acenaphthene
Concen: 2.41 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:154 Resp: 35355

Ion	Ratio	Lower	Upper
154	100		
153	106.6	91.4	137.0
152	51.9	43.4	65.2



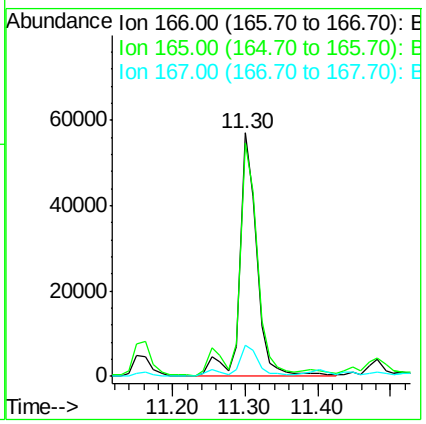


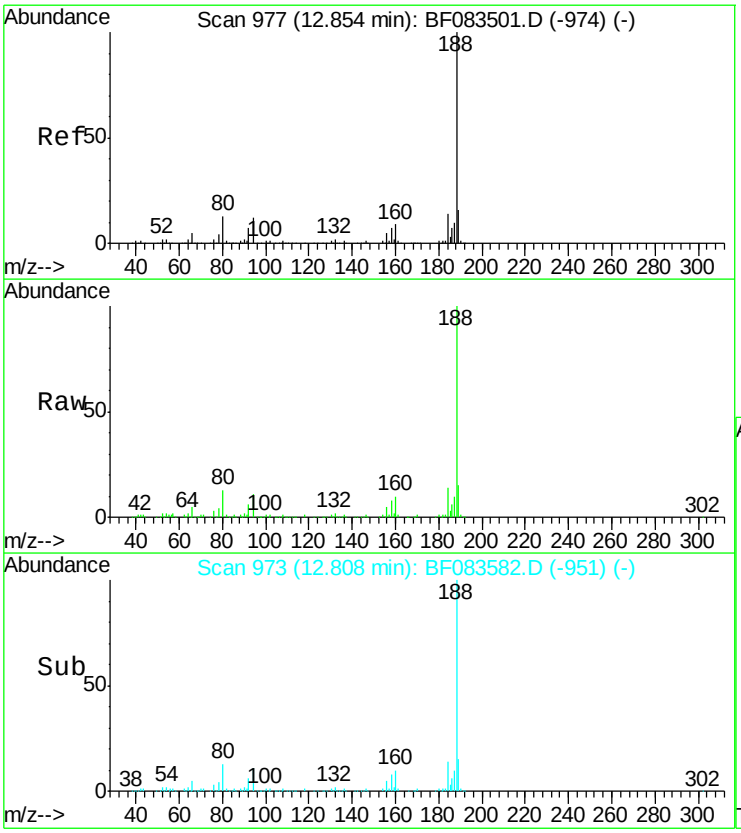
#57
Fluorene
Concen: 5.36 ng
RT: 11.30 min Scan# 841
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:166 Resp: 94629

Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.0	120.0
167	12.8	10.6	16.0

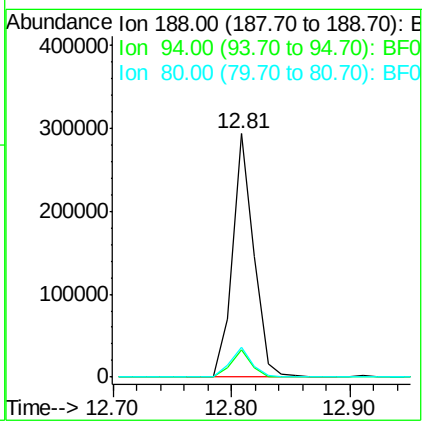


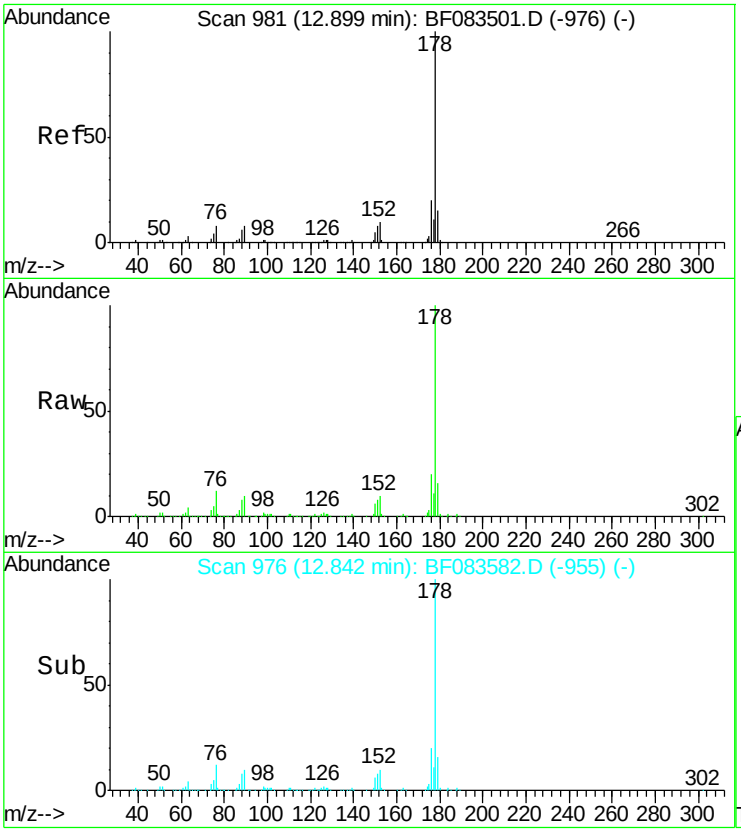


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 973
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:188 Resp: 366423

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	12.5	10.6	16.0



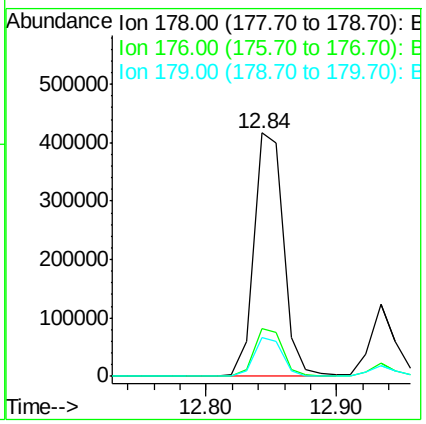


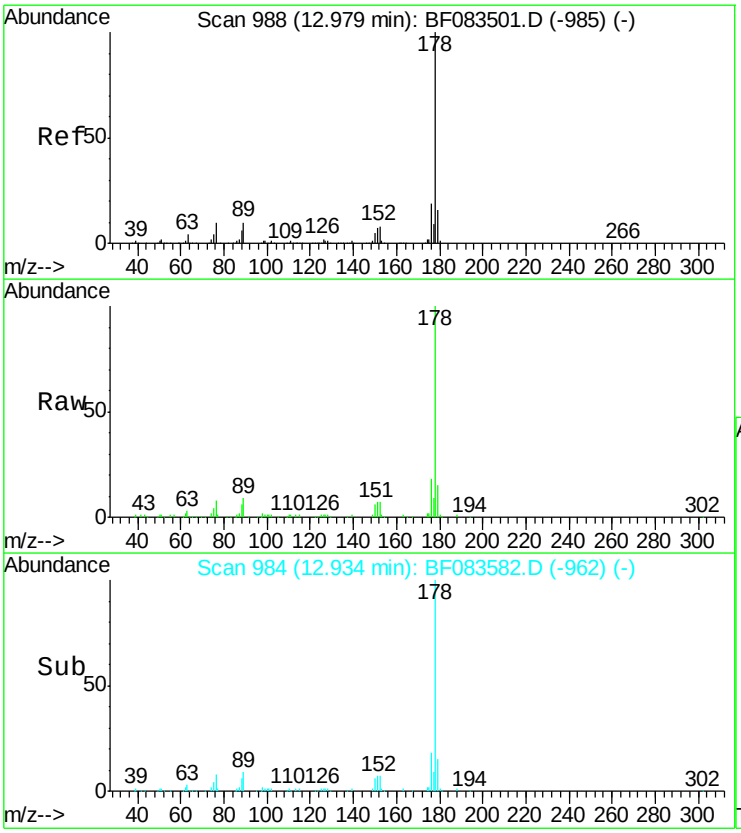
#70
Phenanthrene
Concen: 31.07 ng
RT: 12.84 min Scan# 976
Delta R.T. -0.06 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:178 Resp: 662668

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	15.9	12.2	18.4

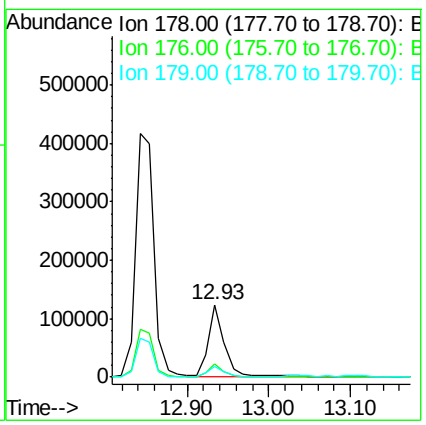


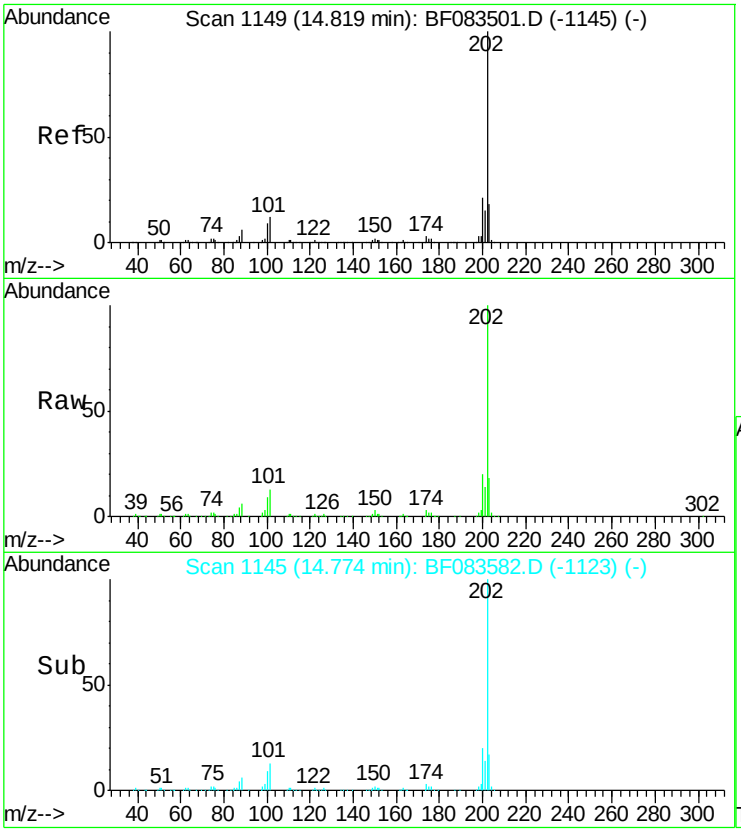


#71
Anthracene
Concen: 7.91 ng
RT: 12.93 min Scan# 984
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:178 Resp: 172074

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.2	22.8
179	15.0	12.6	18.8



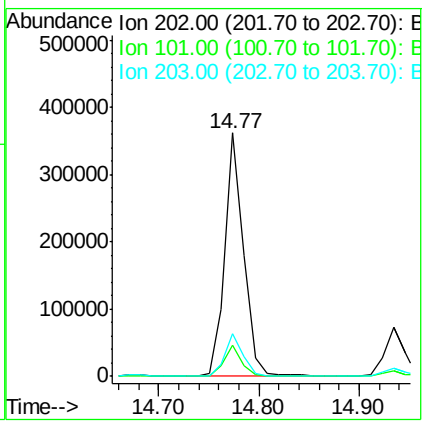


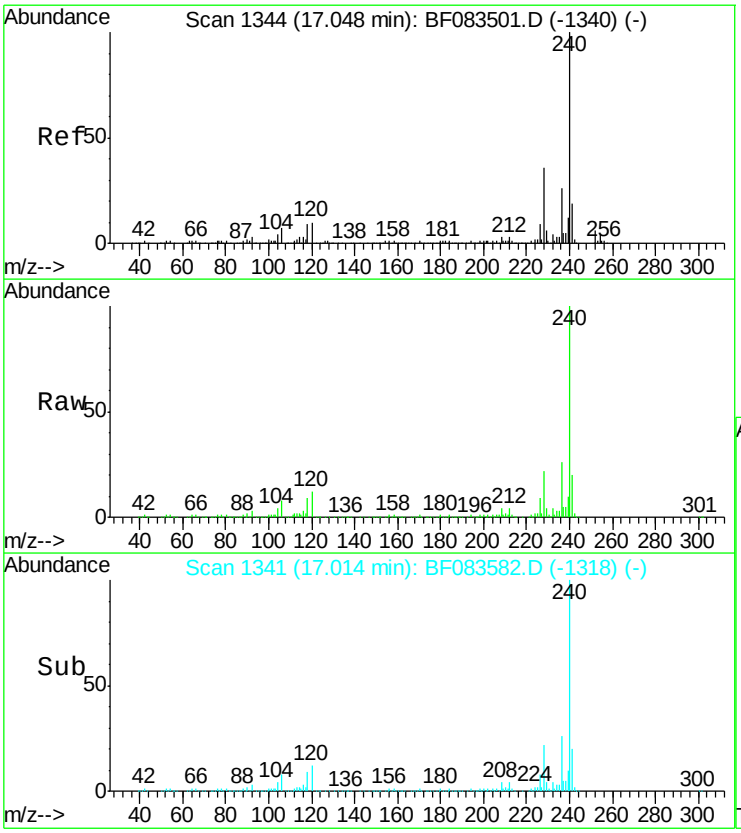
#74
Fluoranthene
Concen: 22.31 ng
RT: 14.77 min Scan# 1145
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:202 Resp: 471504

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.5
203	17.5	0.0	37.6

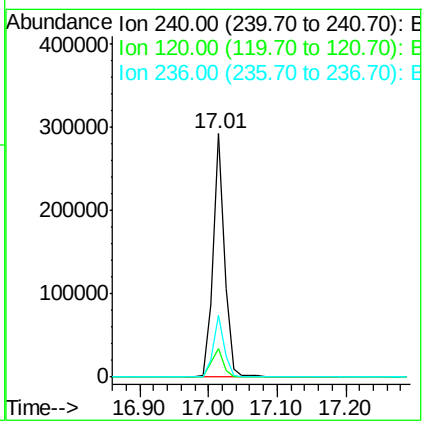


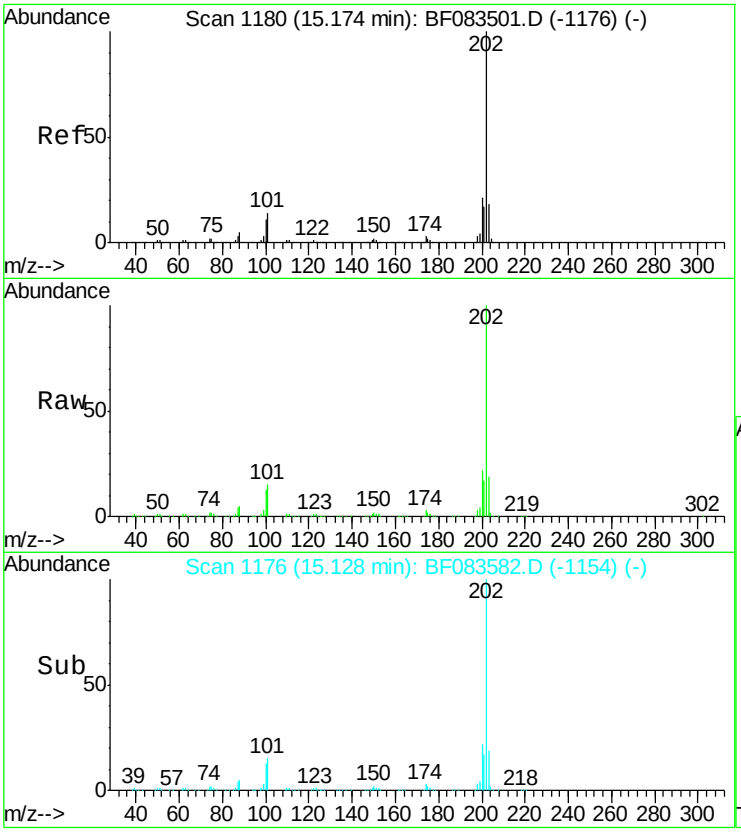


#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.01 min Scan# 1341
Delta R.T. -0.03 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:240 Resp: 348047

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.1	12.1
236	25.5	20.8	31.2



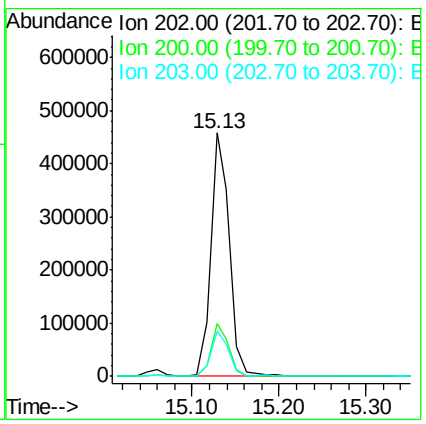


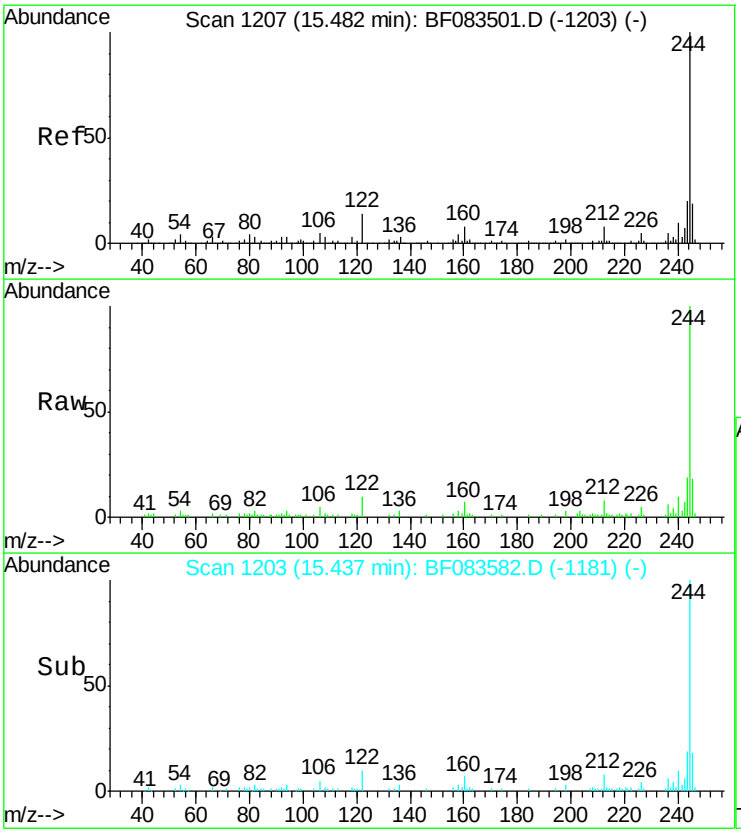
#77
Pyrene
Concen: 25.90 ng
RT: 15.13 min Scan# 1176
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:202 Resp: 674282

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.7	25.1
203	18.8	14.3	21.5

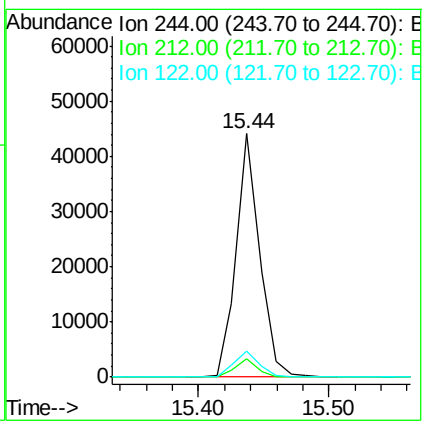


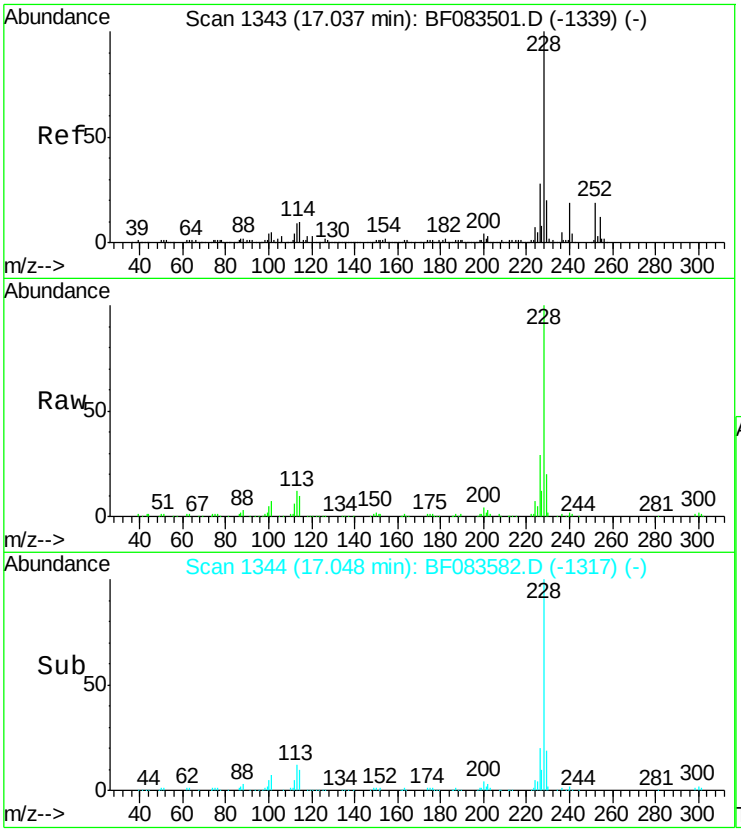


#78
Terphenyl-d14
Concen: 3.53 ng
RT: 15.44 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:244 Resp: 55212

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	10.4	11.0	16.6#



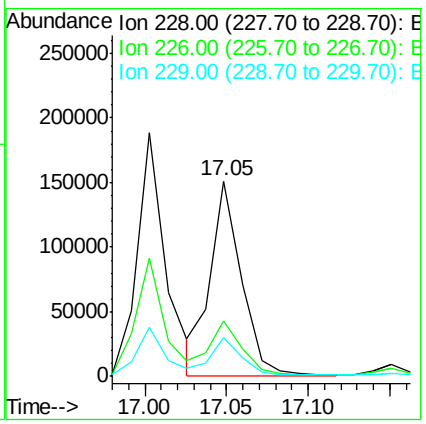


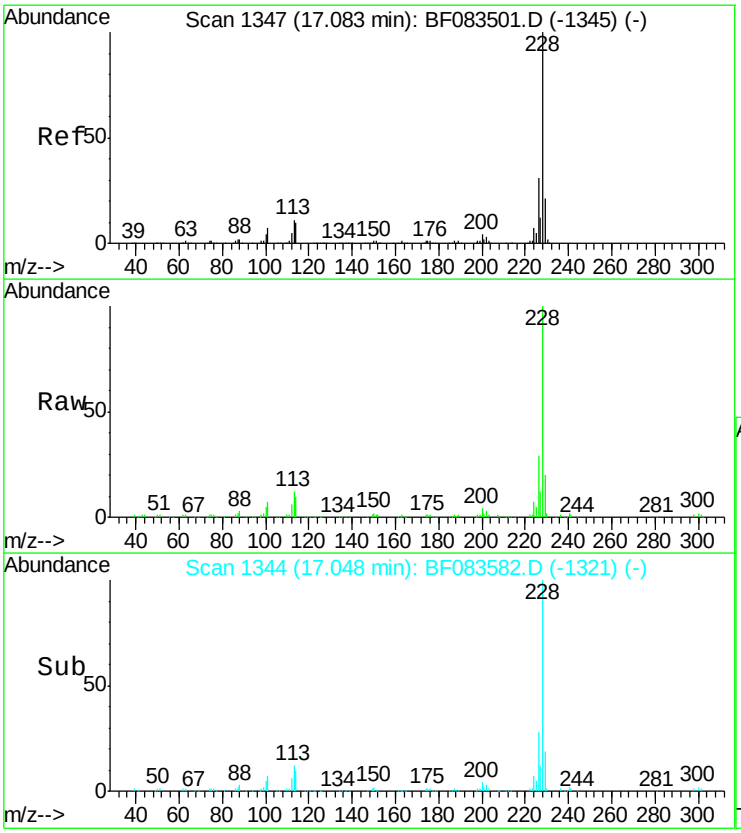
#80
Benzo(a)anthracene
Concen: 9.76 ng
RT: 17.05 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:228 Resp: 198676

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.3	33.5
229	19.7	15.7	23.5

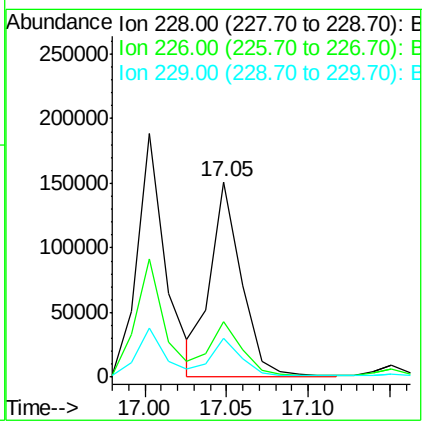


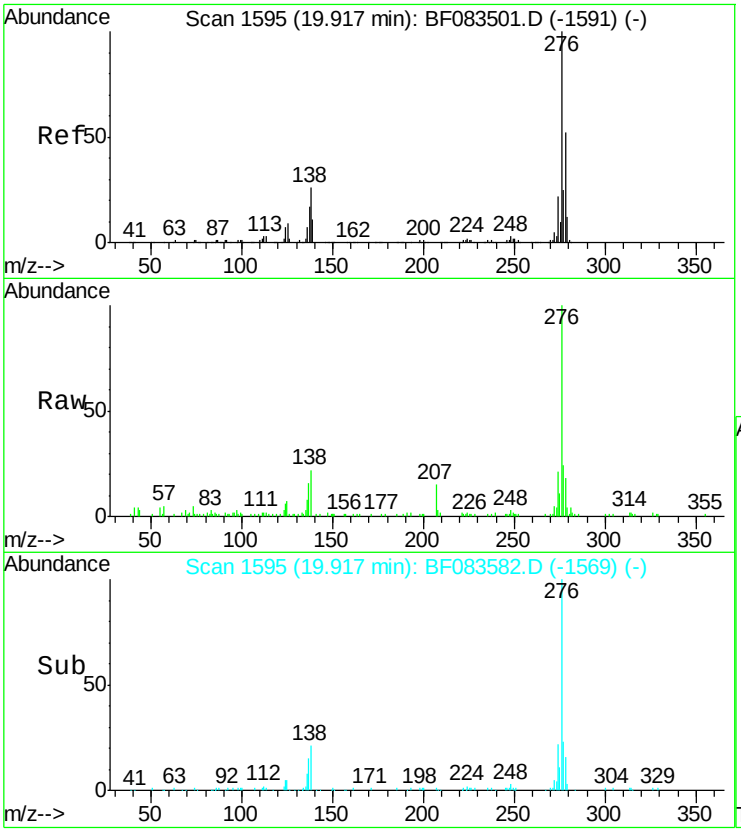


#82
Chrysene
Concen: 9.79 ng
RT: 17.05 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:228 Resp: 198676

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.7	37.1
229	19.7	16.3	24.5



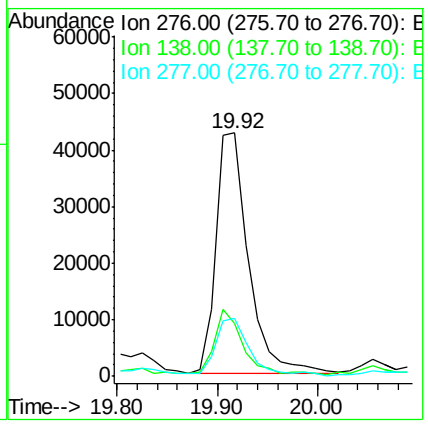


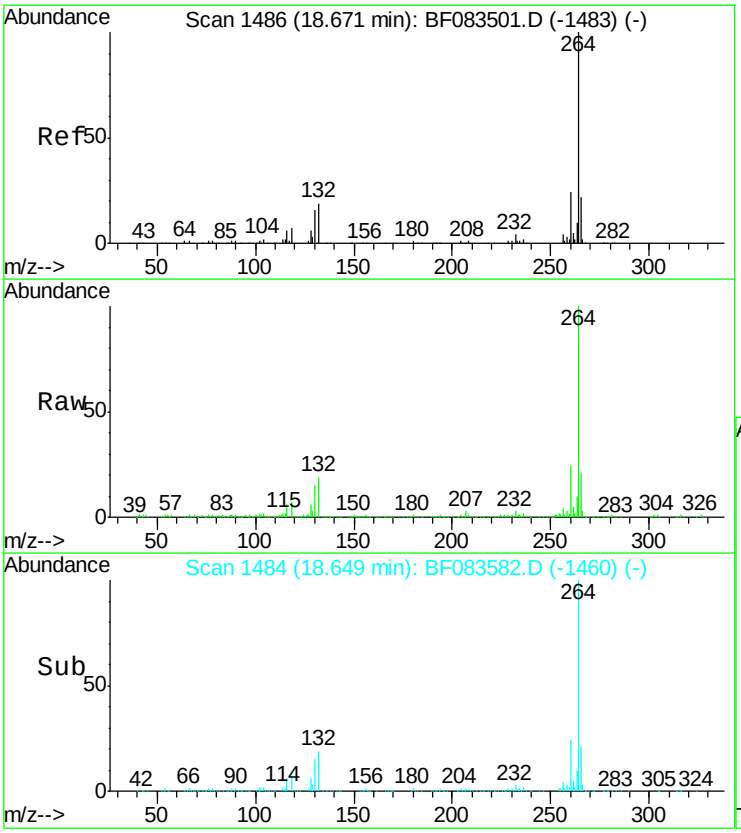
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.44 ng
RT: 19.92 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:276 Resp: 94648

Ion	Ratio	Lower	Upper
276	100		
138	23.7	0.0	0.0#
277	26.1	0.0	0.0#

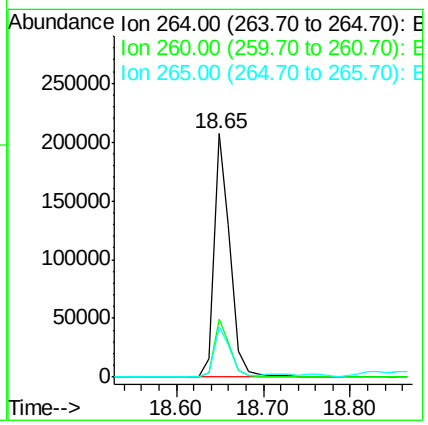


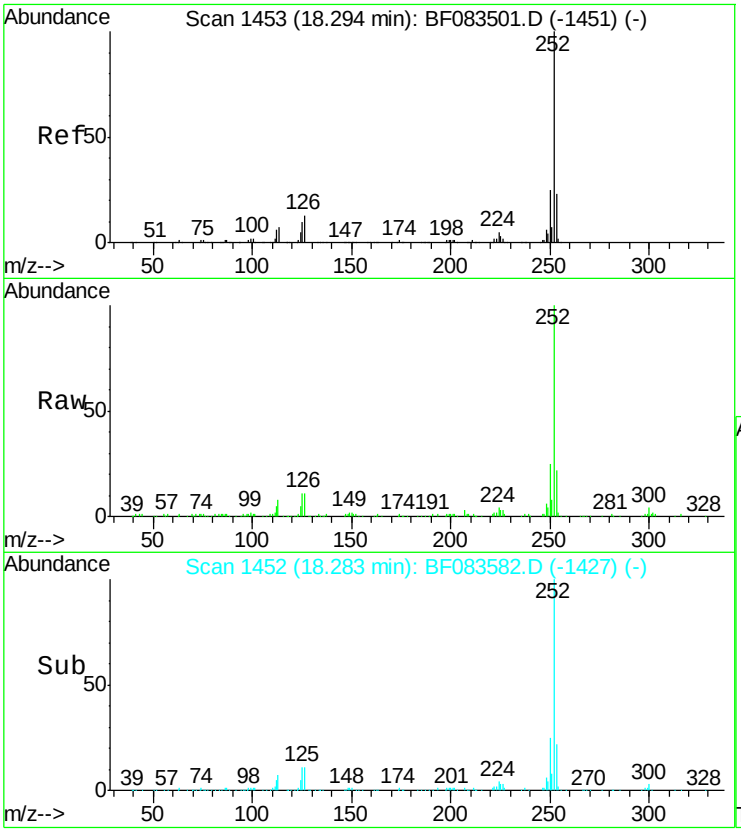


#86
Perylene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:264 Resp: 267494

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	20.8	17.8	26.6



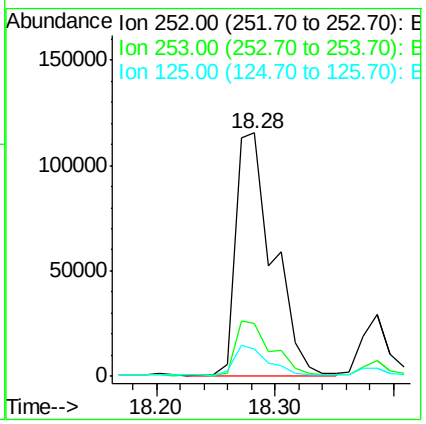


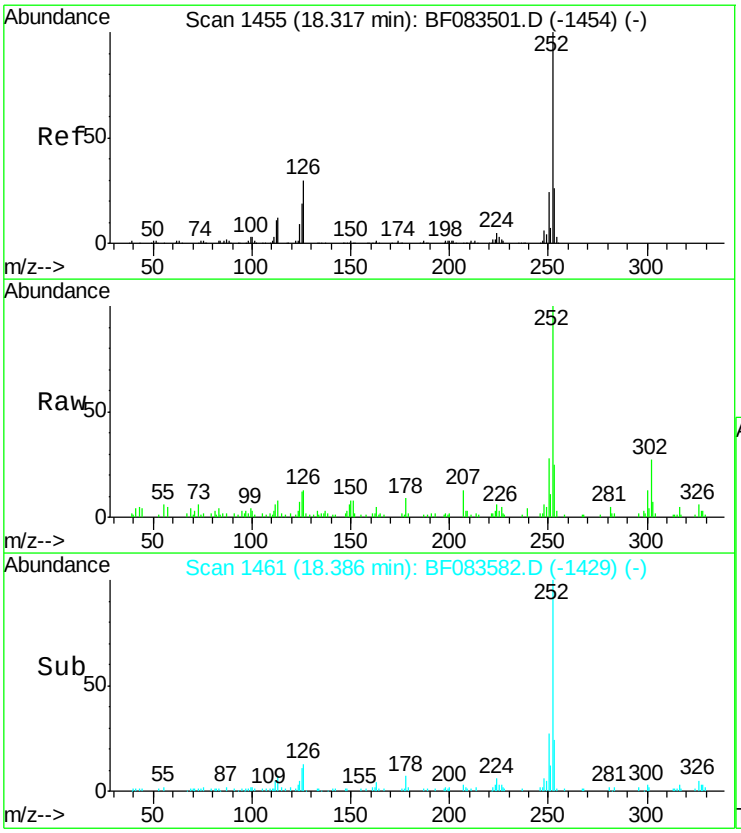
#87
Benzo(b)fluoranthene
Concen: 16.69 ng
RT: 18.28 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:252 Resp: 250699

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	11.4	8.2	12.4

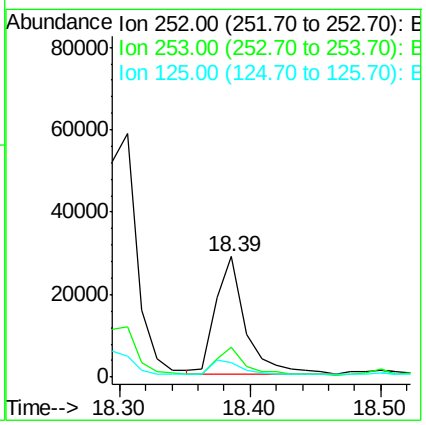


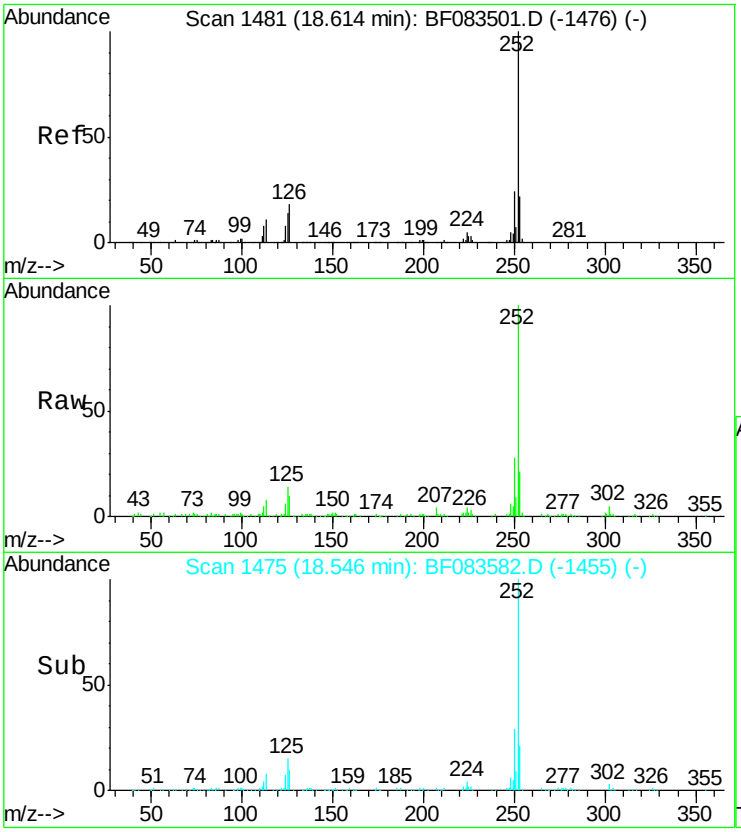


#88
Benzo(k)fluoranthene
Concen: 2.94 ng
RT: 18.39 min Scan# 1461
Delta R.T. 0.07 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:252 Resp: 45268

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.6	27.8
125	12.3	11.5	17.3



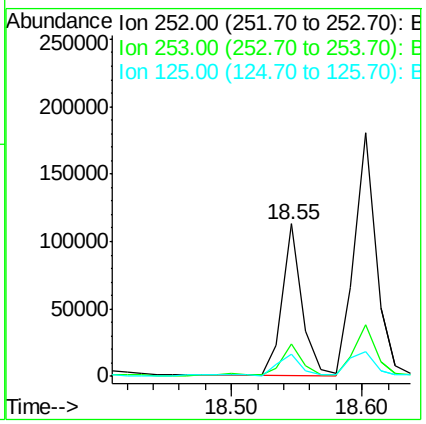


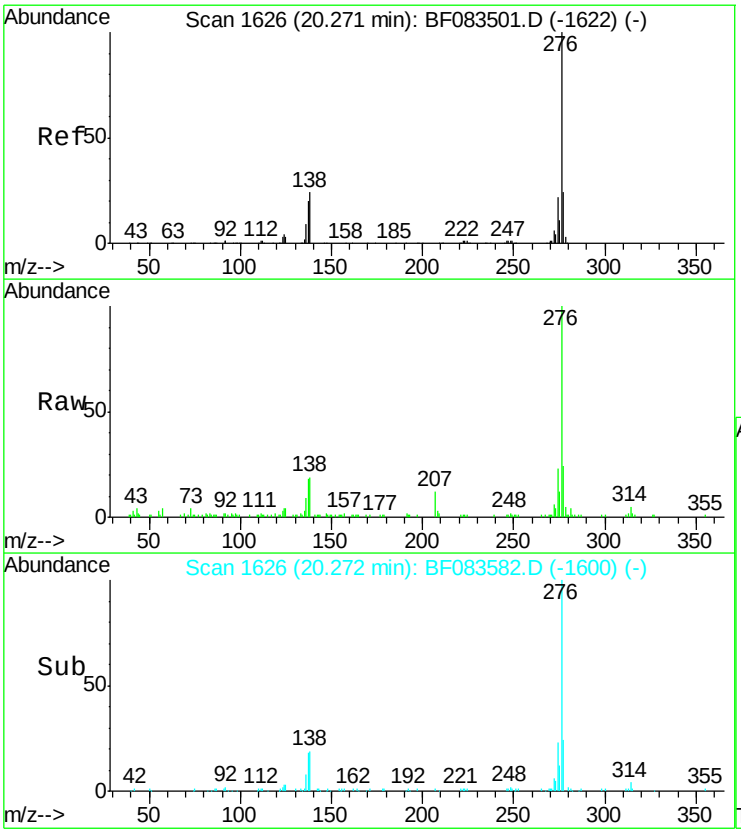
#89
Benzo(a)pyrene
Concen: 8.26 ng
RT: 18.55 min Scan# 1475
Delta R.T. -0.07 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-10(0-6)DL2

Tgt Ion:252 Resp: 120730

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	14.3	11.0	16.6





#91
Benzo(g,h,i)perylene
Concen: 8.36 ng
RT: 20.27 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF083582.D
Acq: 8 Dec 2015 5:13

Tgt Ion:276 Resp: 118414

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	19.3	19.5	29.3#