Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083896.D
Acq On : 18 Dec 2015 4:48
Operator : UM/SJ
Sample : G4680-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K202-(0-2)

Quant Time: Dec 18 05:50:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	60044	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	218085	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	97579	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	154784	20.00	ng		0.00
75) Chrysene-d12	14.03	240	117794	20.00	ng		0.00
86) Perylene-d12	15.47	264	93840	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	481533	125.50	ng		0.01
7) Phenol-d6	6.52	99	570333	121.44	ng		0.01
23) Nitrobenzene-d5	7.44	82	378634	99.09	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	154937	144.13	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	715594	107.38	ng		0.00
78) Terphenyl-d14	12.98	244	447555	89.14	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.65	77	11764	4.16	ng		87
10) Phenol	6.53	94	11615	2.22	ng		90
15) Benzyl Alcohol	7.04	79	11033	3.10	ng	#	49
19) n-Nitroso-di-n-propylamine	7.44	70	50468	18.43	ng	#	77
25) Isophorone	7.44	82	339703	47.25	ng	#	66
31) Naphthalene	8.18	128	7496	Below Cal			98
36) 4-Chloro-3-methylphenol	8.73	107	767	Below Cal		#	20
45) 1,1'-Biphenyl	9.33	154	644	Below Cal			89
46) 2-Chloronaphthalene	9.36	162	420	Below Cal		#	33
49) Dimethylphthalate	9.63	163	273009	33.34	ng		99
56) 2,4-Dinitrotoluene	9.92	165	13022	5.69	ng	#	20
57) Fluorene	10.45	166	1236	Below Cal		#	87
64) 4,6-Dinitro-2-methylphenol	10.70	198	219	4.14	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	10497	5.55	ng	#	1
74) Fluoranthene	12.60	202	34358	3.68	ng		98
80) Benzo(a)anthracene	14.02	228	22041	3.04	ng		96
82) Chrysene	14.02	228	22041	3.15	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	12201	2.33	ng	#	91
87) Benzo(b)fluoranthene	15.06	252	33172	4.85	ng	#	91
88) Benzo(k)fluoranthene	15.06	252	33172	5.88	ng	#	94
89) Benzo(a)pyrene	15.41	252	15012	2.66	ng	#	92
91) Benzo(g,h,i)perylene	17.33	276	10707	2.49	ng		95

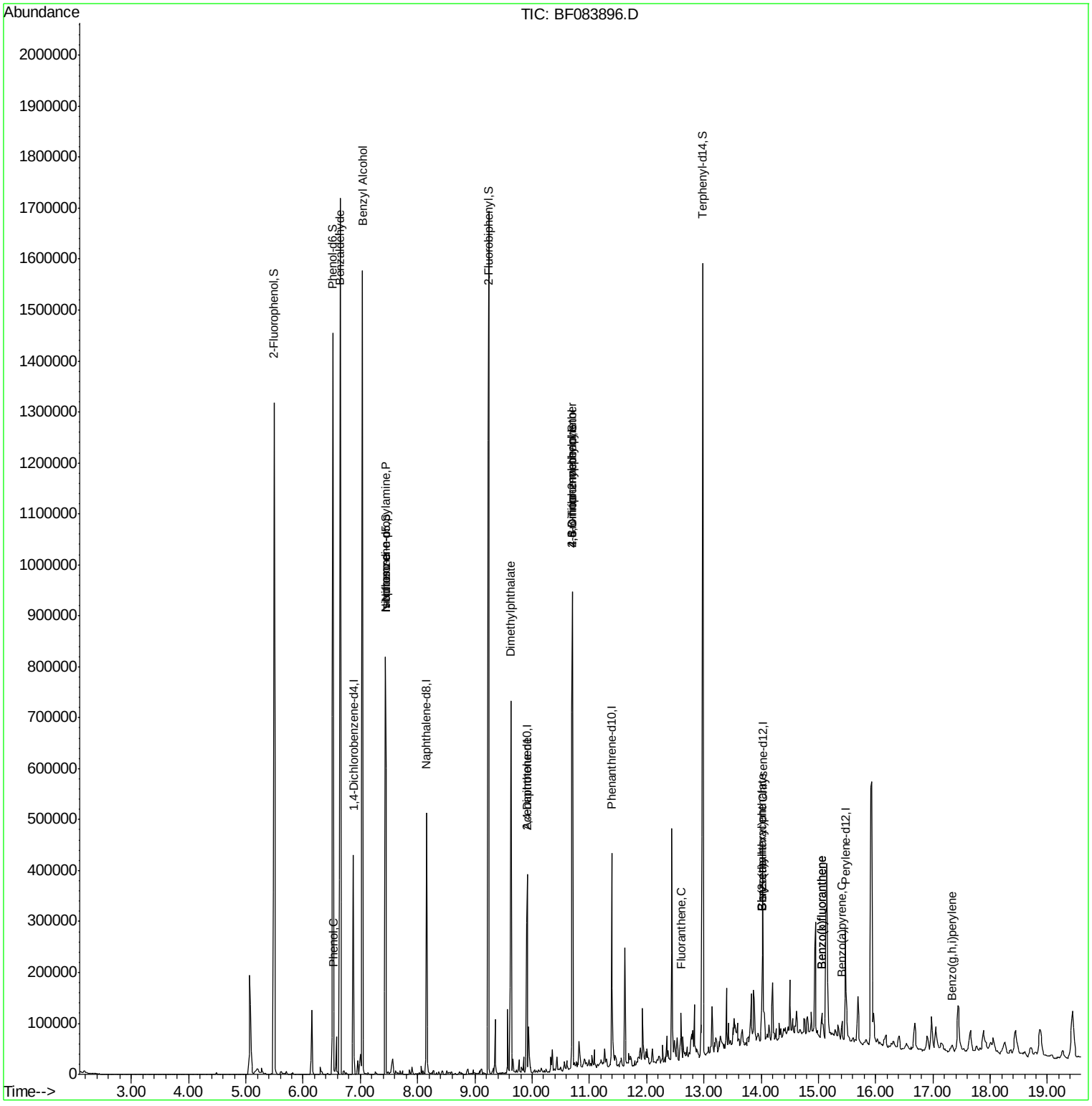
(#) = qualifier out of range (m) = manual integration (+) = signals summed

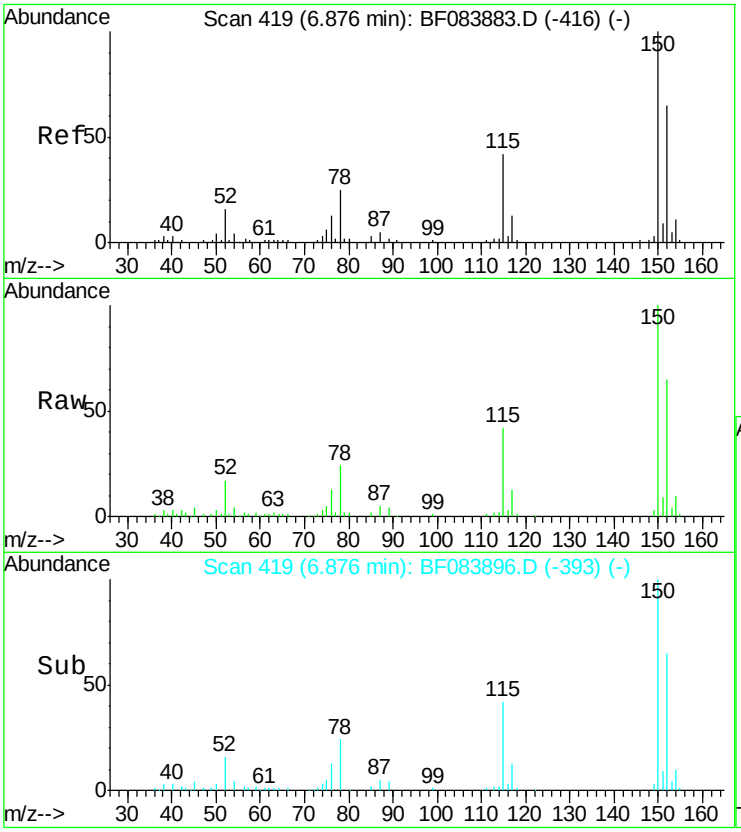
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083896.D
Acq On : 18 Dec 2015 4:48
Operator : UM/SJ
Sample : G4680-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Quant Time: Dec 18 05:50:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration



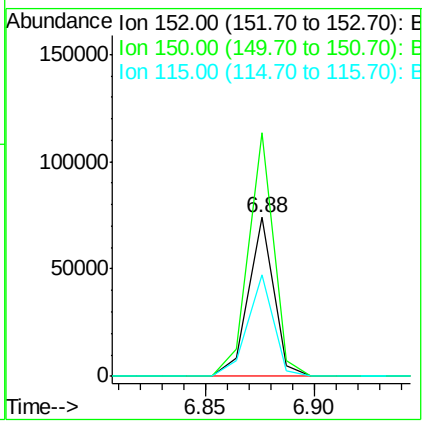


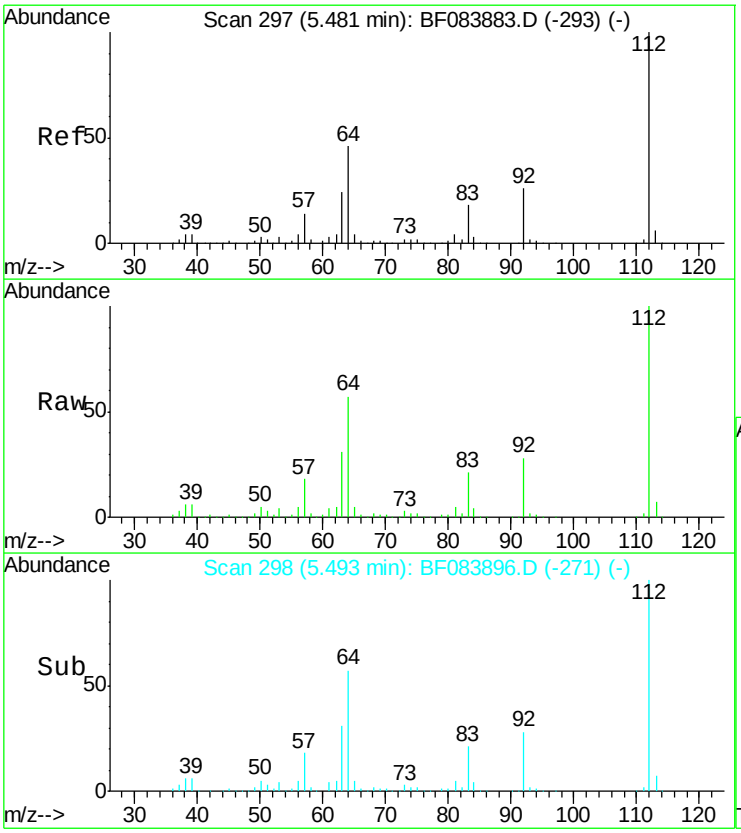
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:152 Resp: 60044

Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	63.7	51.4	77.2

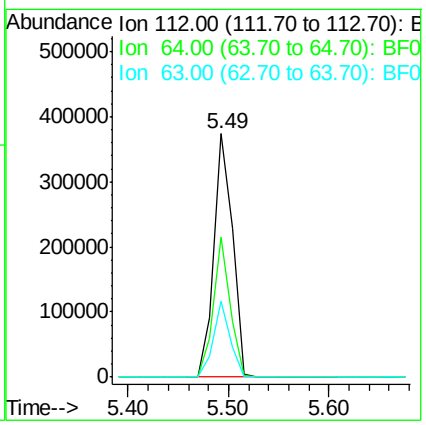


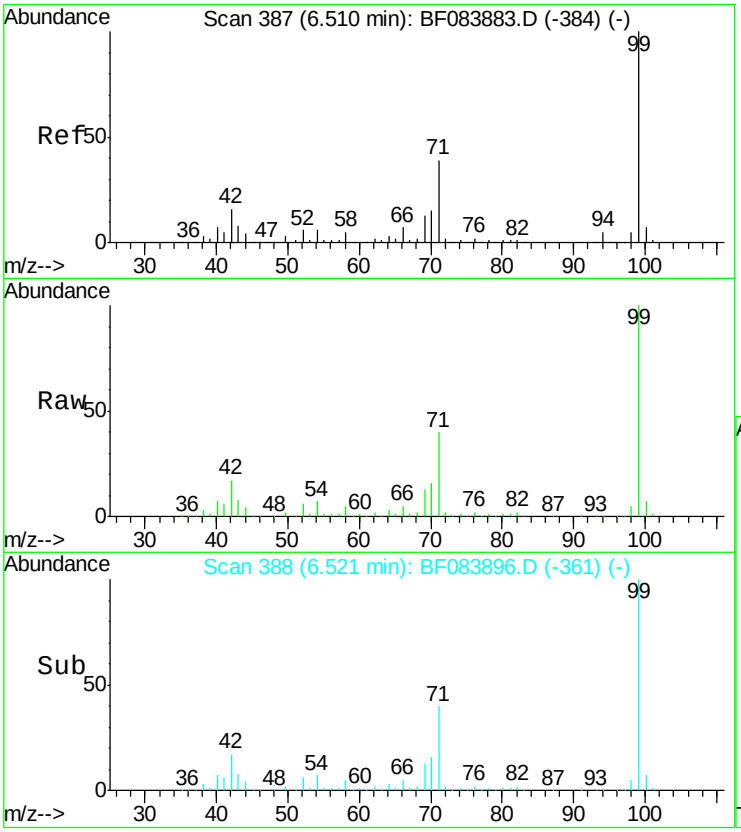


#5
2-Fluorophenol
Concen: 125.50 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:112 Resp: 481533

Ion	Ratio	Lower	Upper
112	100		
64	57.3	36.6	55.0#
63	31.2	19.4	29.0#



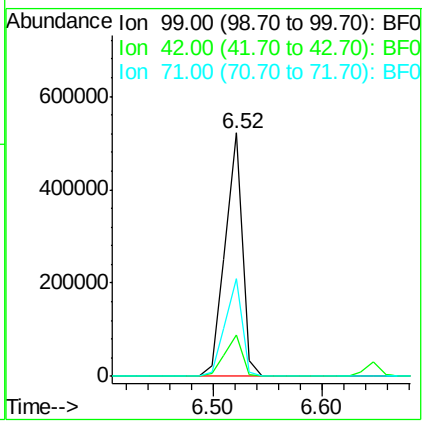


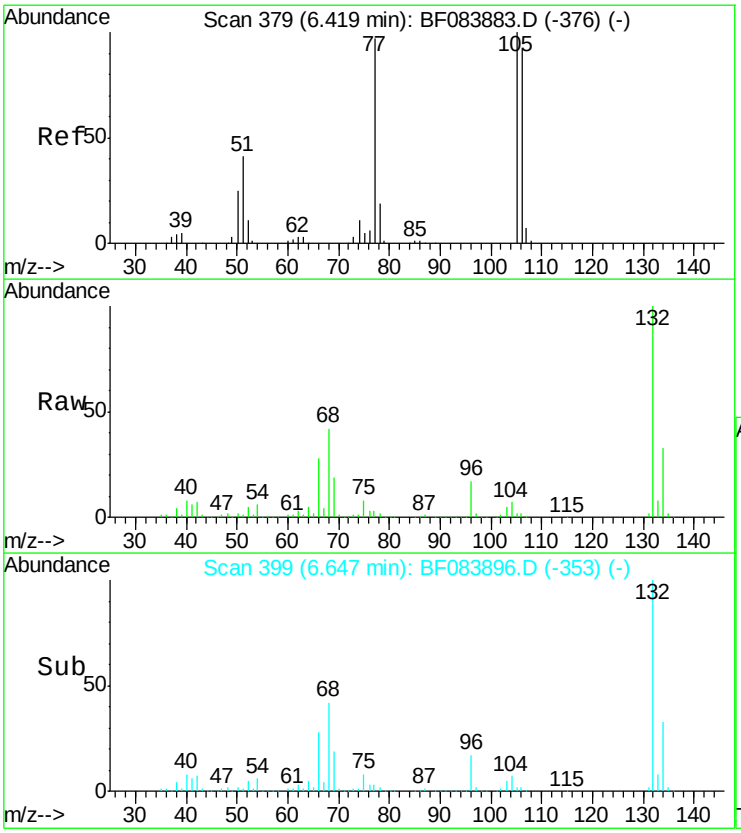
#7
Phenol-d6
Concen: 121.44 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion: 99 Resp: 570333

Ion	Ratio	Lower	Upper
99	100		
42	16.7	12.8	19.2
71	40.0	30.9	46.3

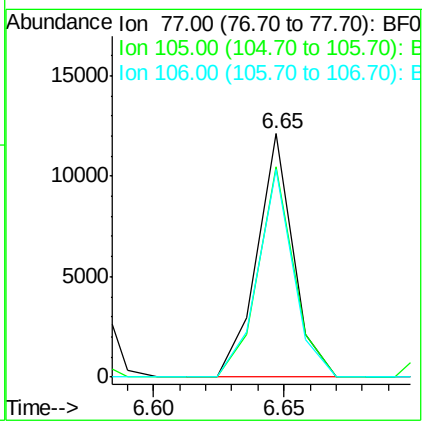


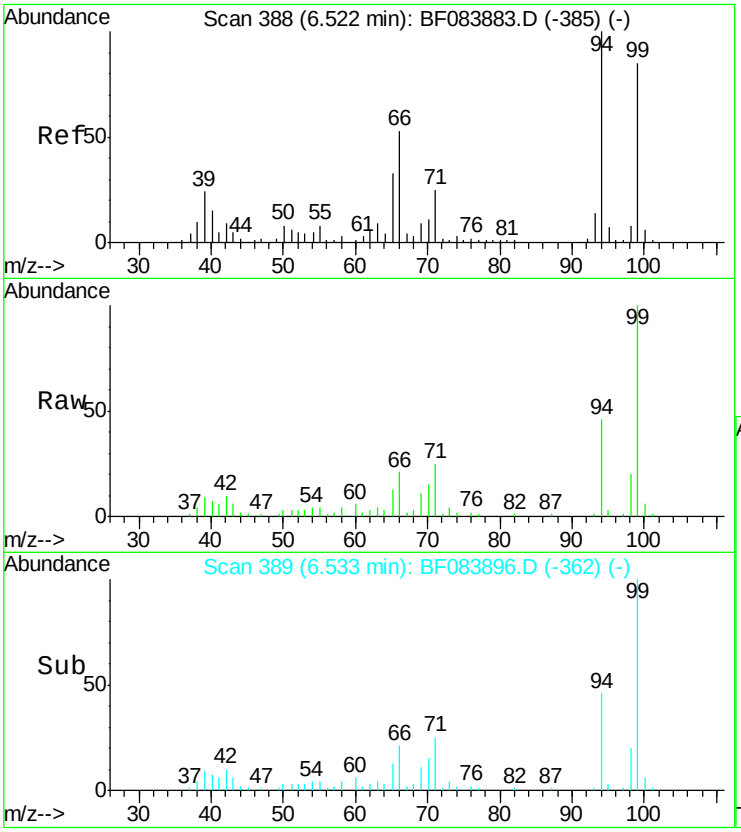


#9
Benzaldehyde
Concen: 4.16 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.23 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion: 77 Resp: 11764

Ion	Ratio	Lower	Upper
77	100		
105	86.2	83.0	123.0
106	85.5	74.6	114.6



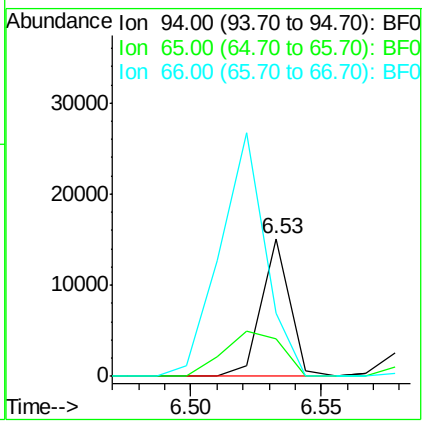


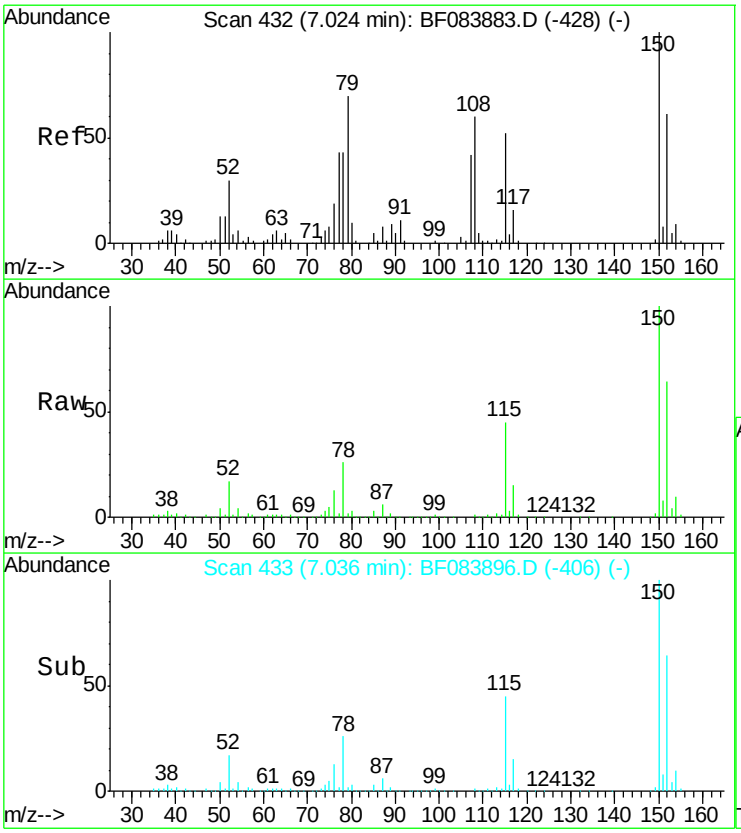
#10
Phenol
Concen: 2.22 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion: 94 Resp: 11615

Ion	Ratio	Lower	Upper
94	100		
65	27.3	12.9	52.9
66	45.4	32.7	72.7

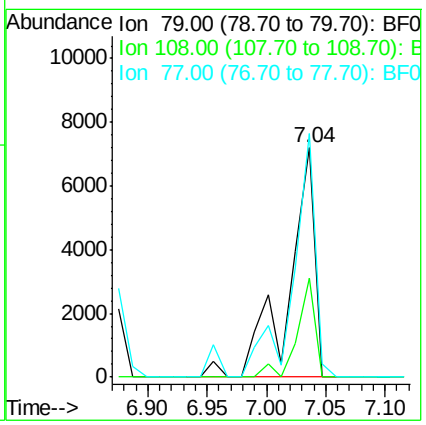


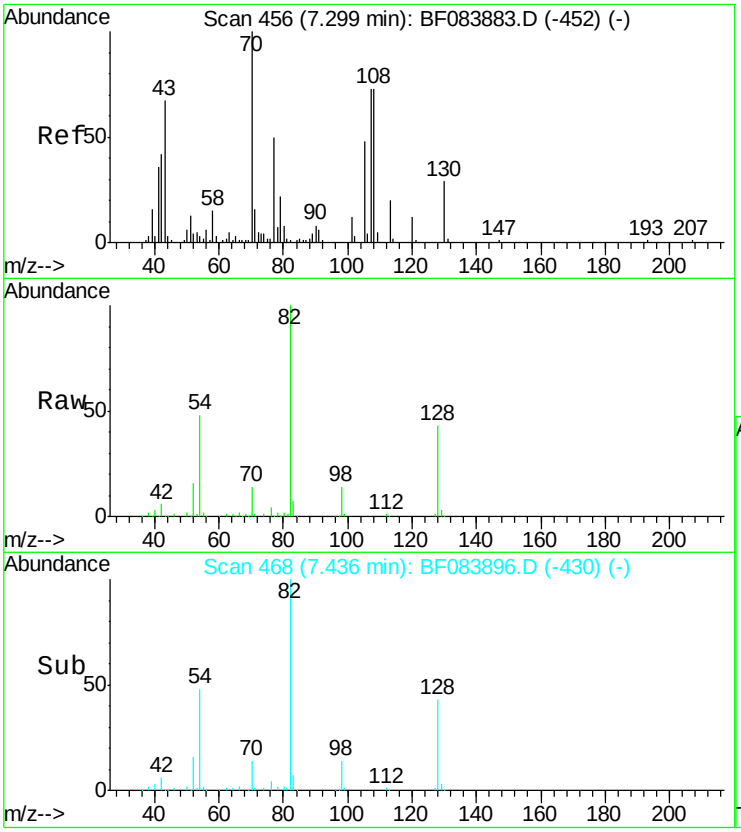


#15
Benzyl Alcohol
Concen: 3.10 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion: 79 Resp: 11033

Ion	Ratio	Lower	Upper
79	100		
108	43.0	69.0	103.4#
77	106.2	50.0	75.0#



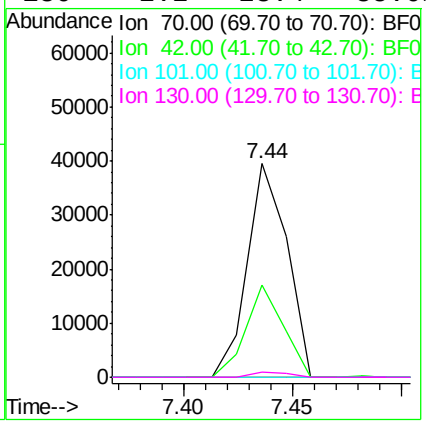


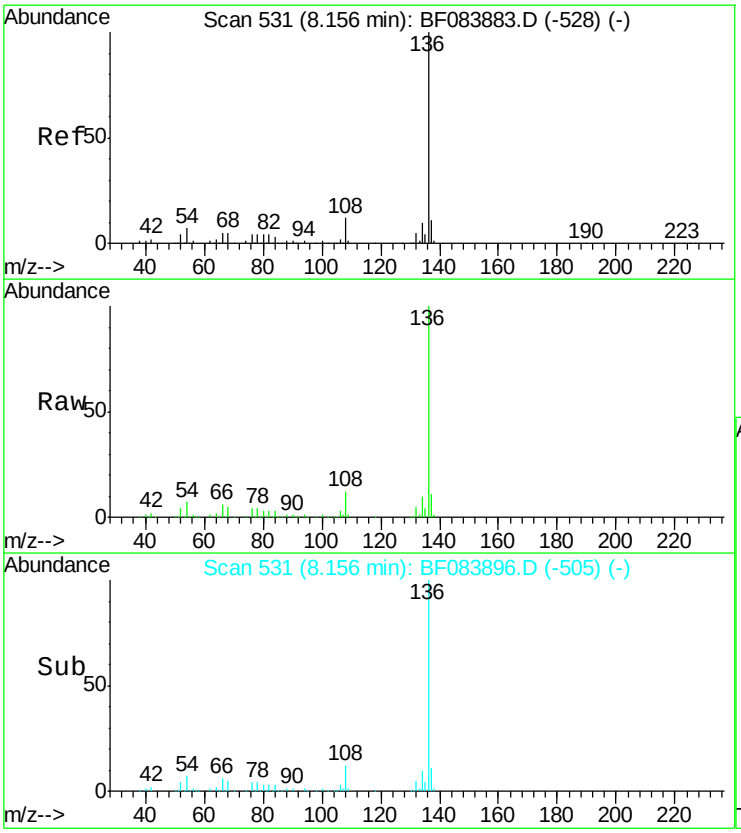
#19
n-Nitroso-di-n-propylamine
Concen: 18.43 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion: 70 Resp: 50468

Ion	Ratio	Lower	Upper
70	100		
42	43.2	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

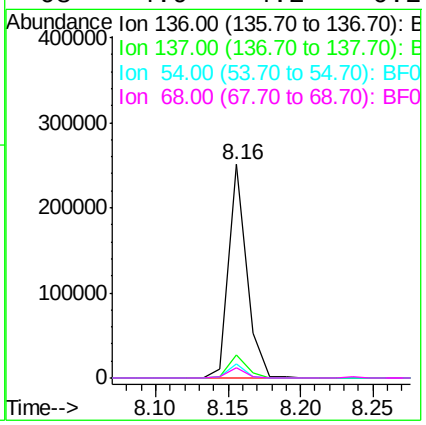


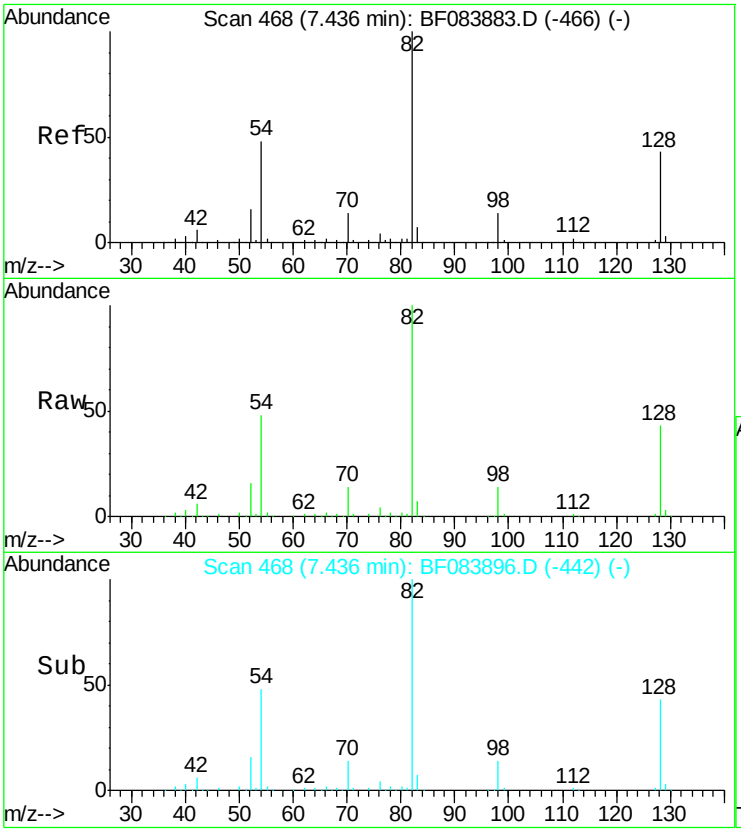


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:136 Resp: 218085

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.8	8.8
68	4.9	4.2	6.2



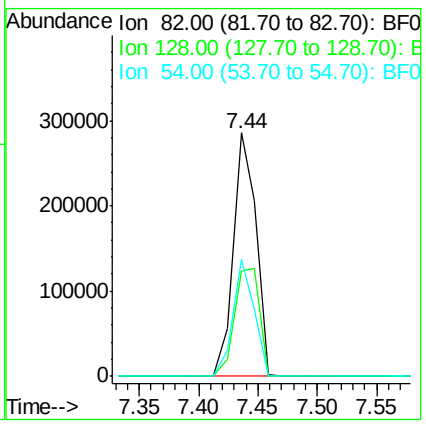


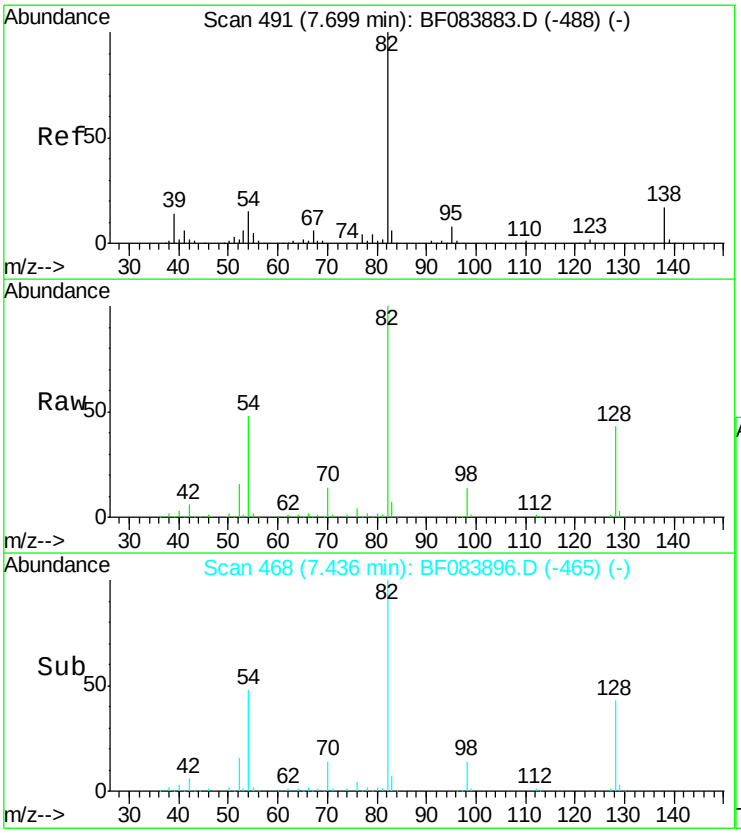
#23
Nitrobenzene-d5
Concen: 99.09 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion: 82 Resp: 378634

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	47.9	38.4	57.6

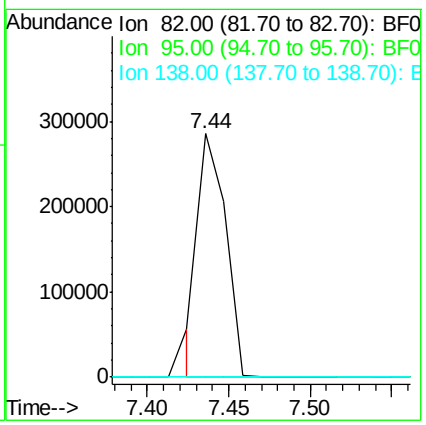


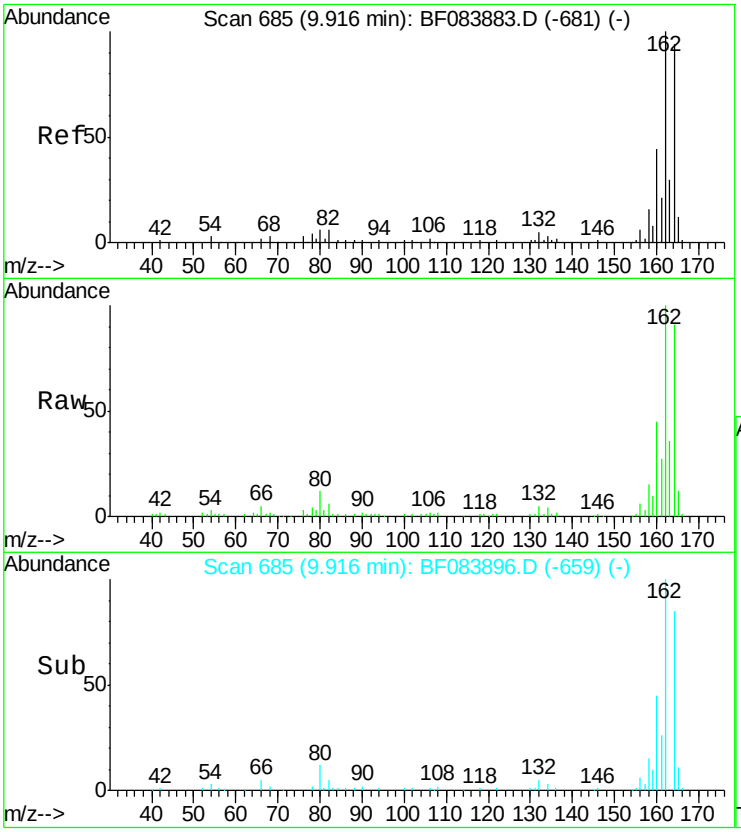


#25
Isophorone
Concen: 47.25 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion: 82 Resp: 339703

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



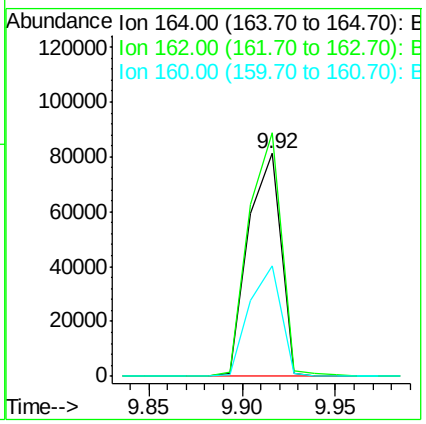


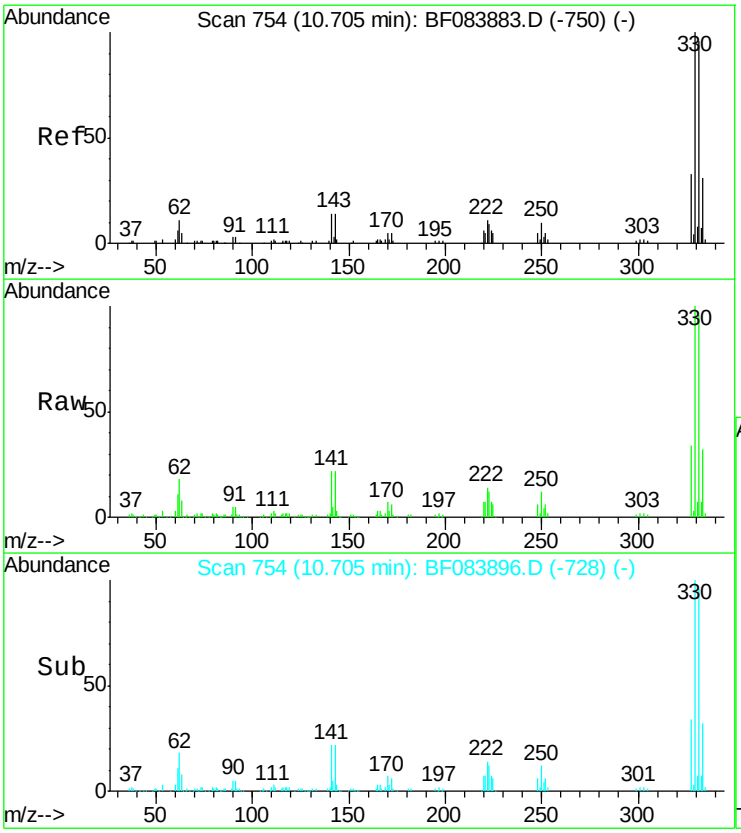
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:164 Resp: 97579

Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.1	127.7
160	49.6	37.5	56.3

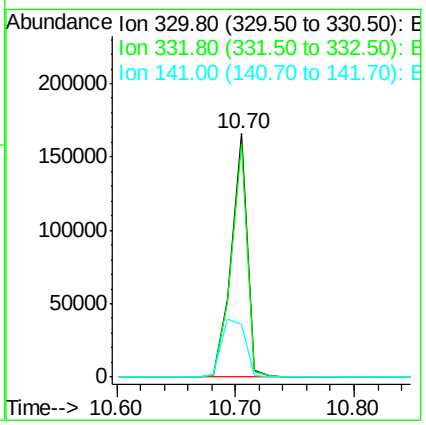


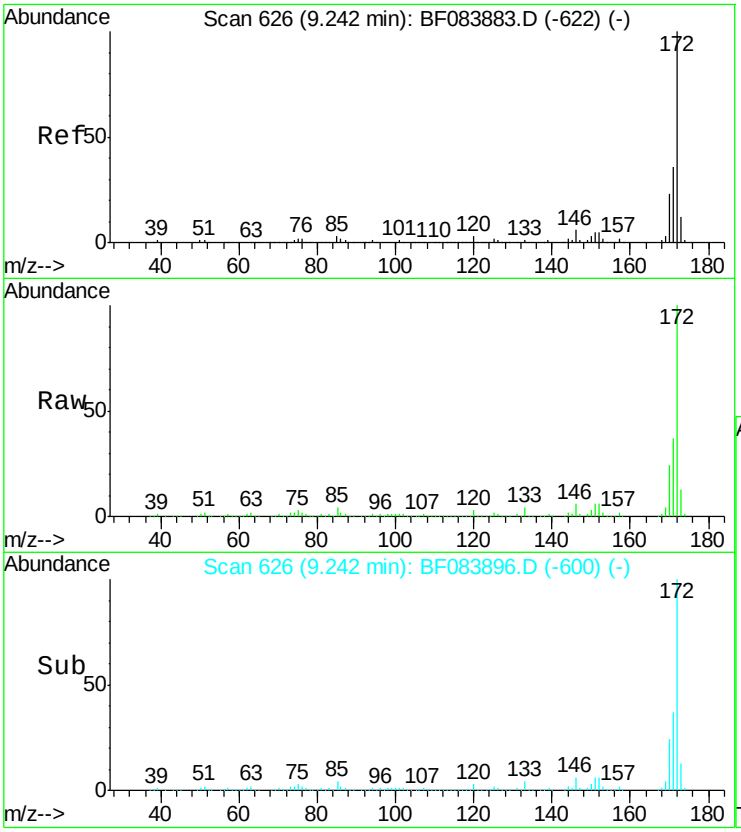


#41
2,4,6-Tribromophenol
Concen: 144.13 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:330 Resp: 154937

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	35.4	27.8	41.6



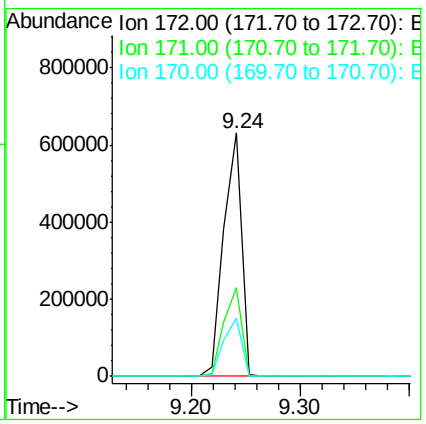


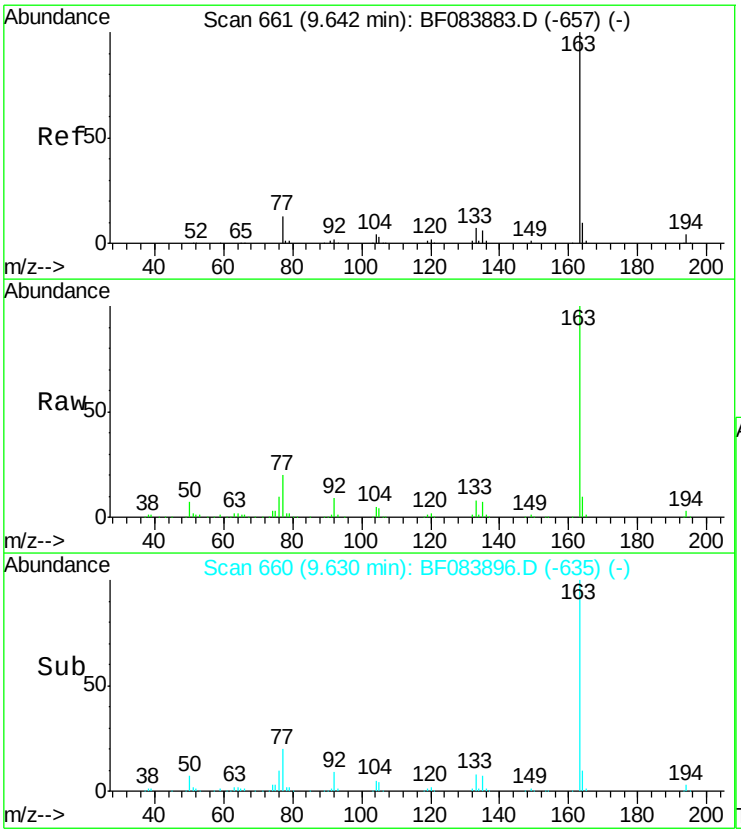
#44
2-Fluorobiphenyl
Concen: 107.38 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:172 Resp: 715594

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	24.0	18.6	27.8

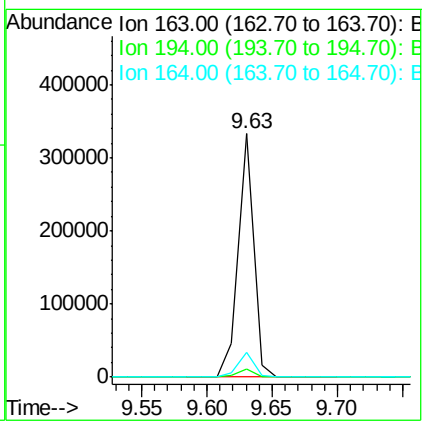


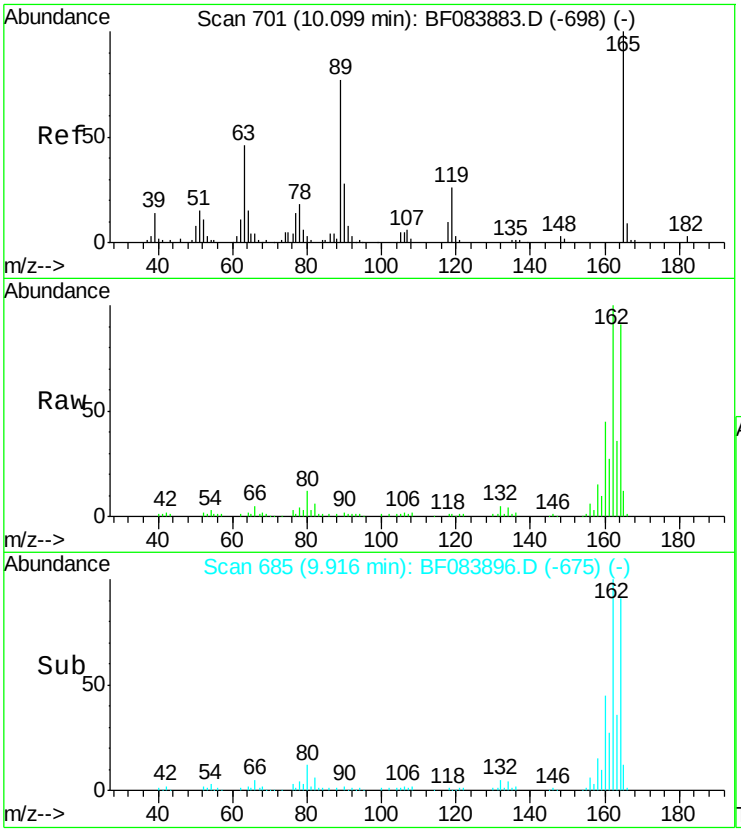


#49
Dimethylphthalate
Concen: 33.34 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:163 Resp: 273009

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	10.1	7.9	11.9



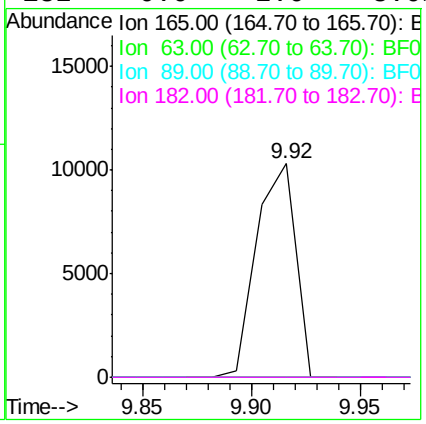


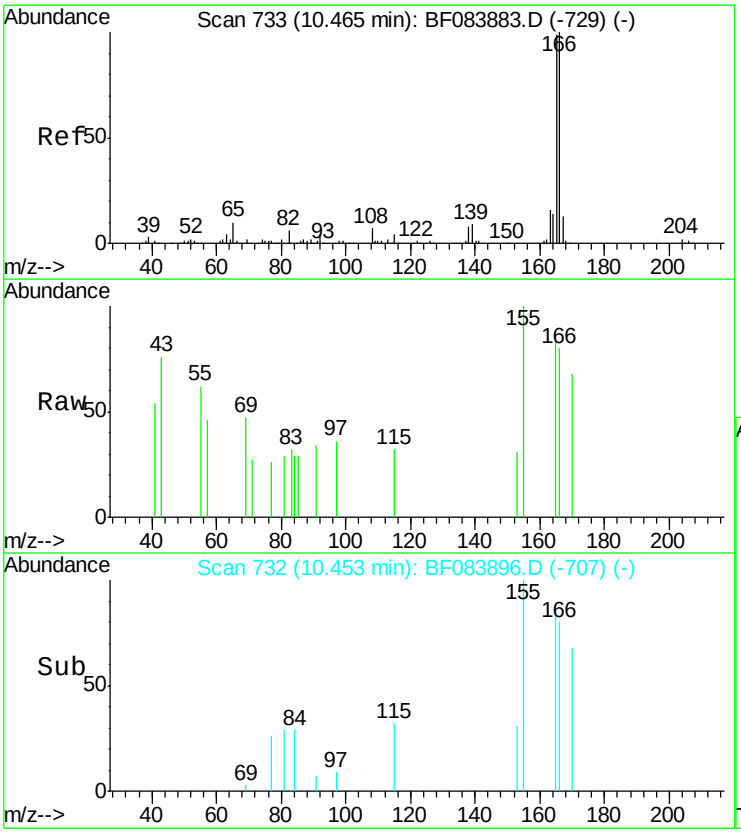
#56
2,4-Dinitrotoluene
Concen: 5.69 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.18 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:165 Resp: 13022

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

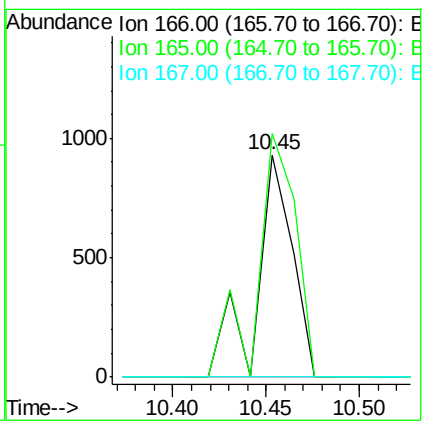


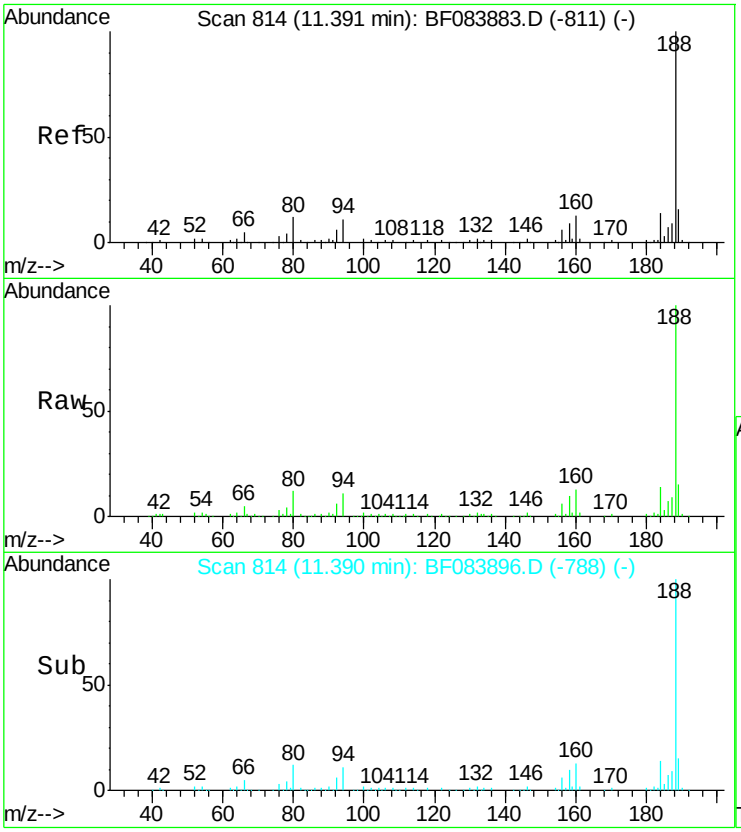


#57
Fluorene
Concen: Below Cal
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:166 Resp: 1236

Ion	Ratio	Lower	Upper
166	100		
165	109.6	79.1	118.7
167	0.0	10.4	15.6#



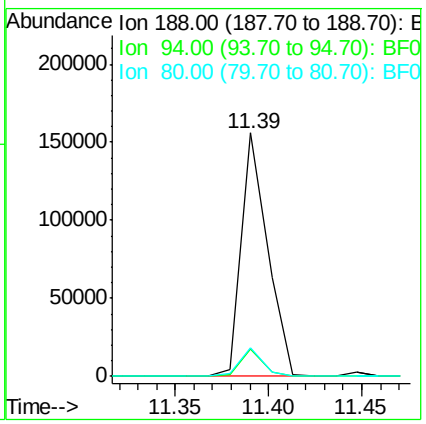


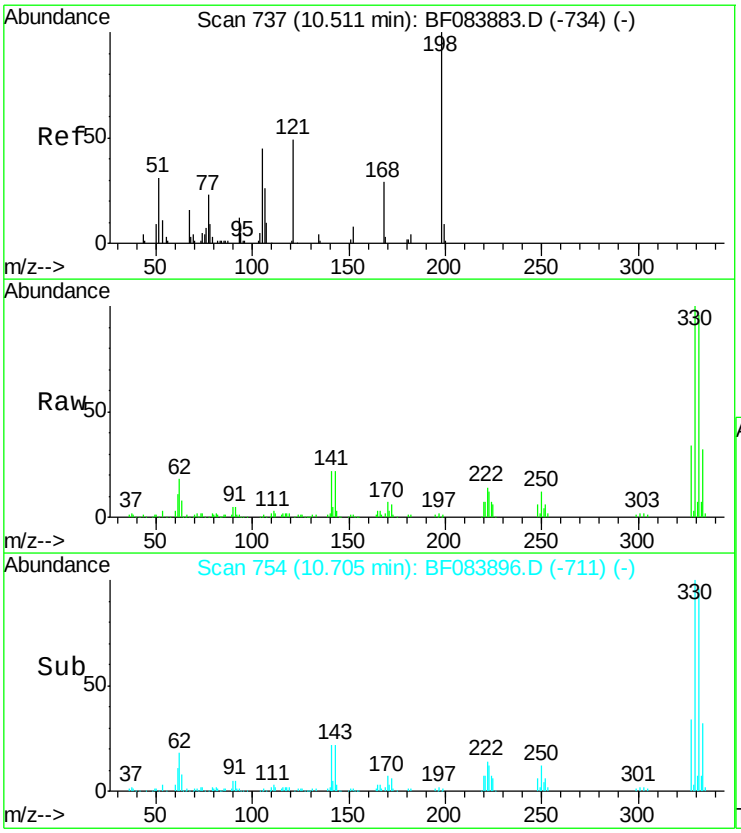
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:188 Resp: 154784

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.0	13.4
80	11.9	9.6	14.4

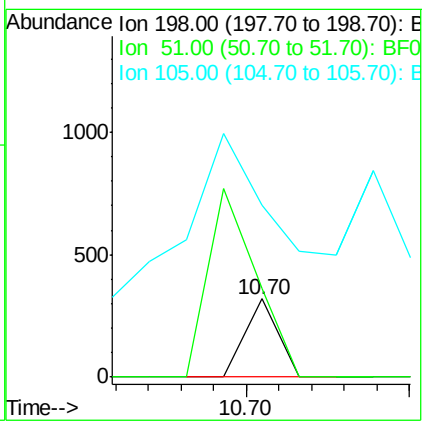


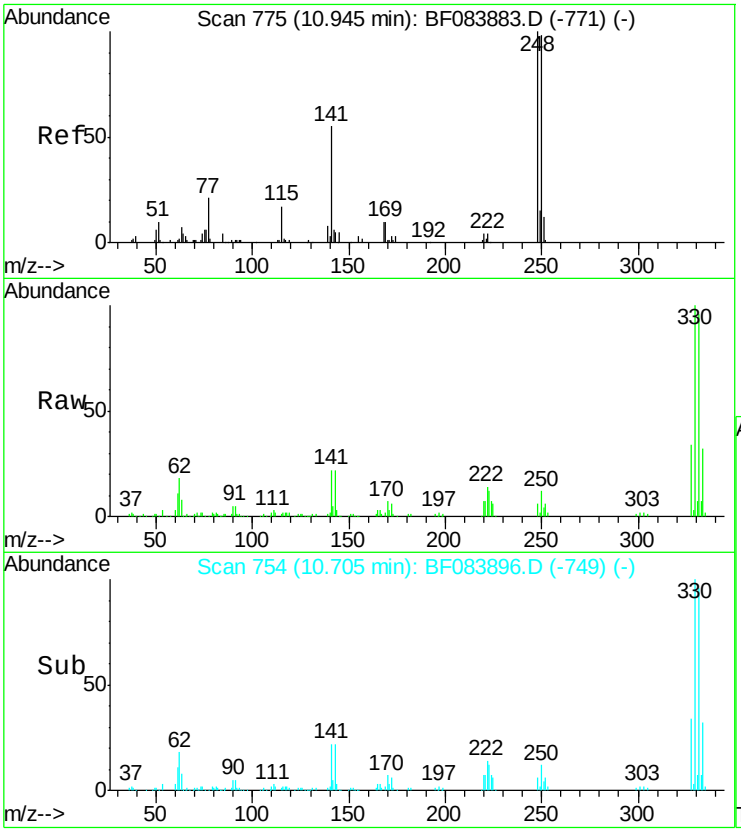


#64
4,6-Dinitro-2-methylphenol
Concen: 4.14 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.19 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
51	114.1	18.9	58.9#
105	219.4	26.4	66.4#



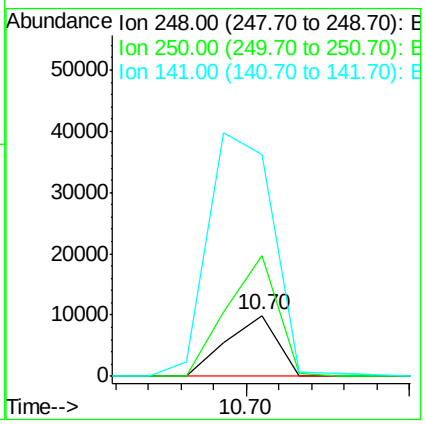


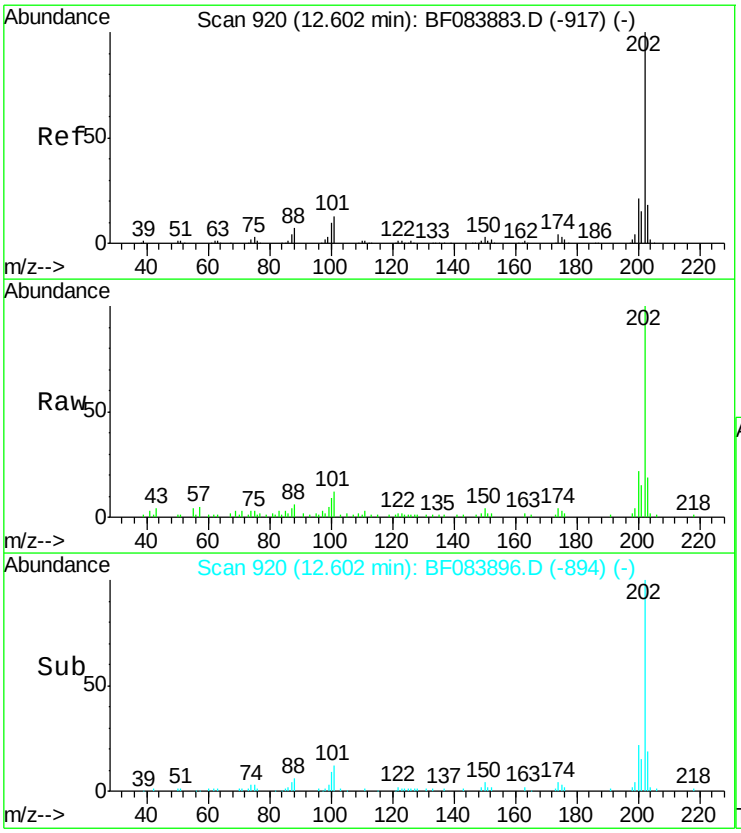
#66
4-Bromophenyl-phenylether
Concen: 5.55 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:248 Resp: 10497

Ion	Ratio	Lower	Upper
248	100		
250	200.3	78.4	117.6#
141	365.9	44.0	66.0#

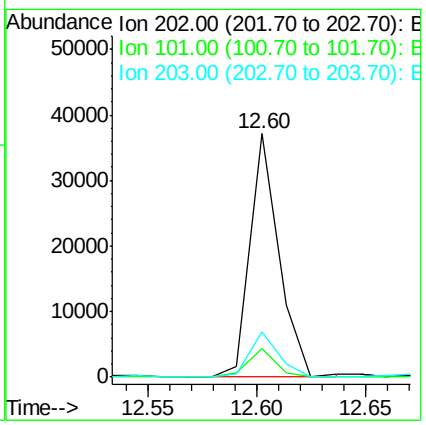


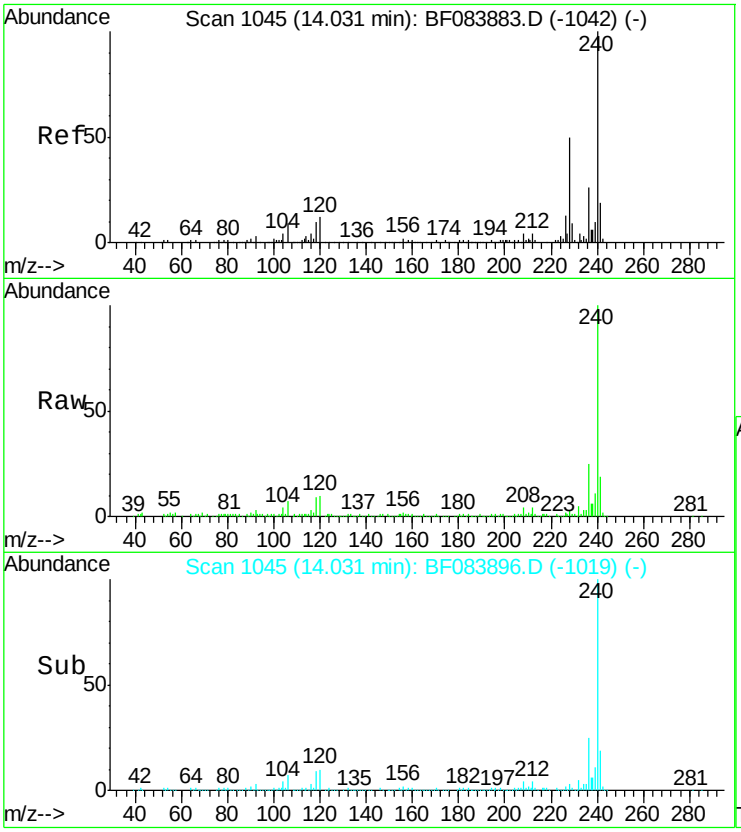


#74
Fluoranthene
Concen: 3.68 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:202 Resp: 34358

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	32.8
203	18.7	0.0	37.9



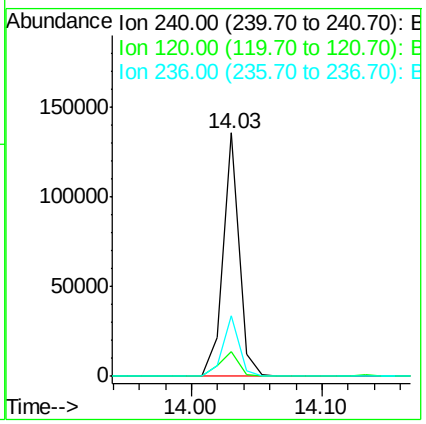


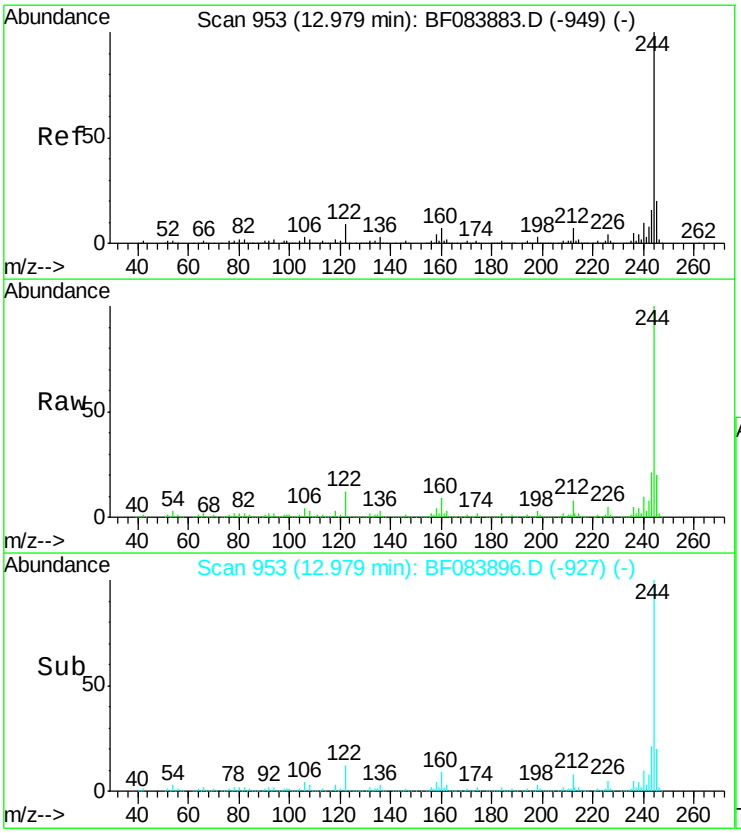
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:240 Resp: 117794

Ion	Ratio	Lower	Upper
240	100		
120	10.0	9.5	14.3
236	24.9	20.6	31.0

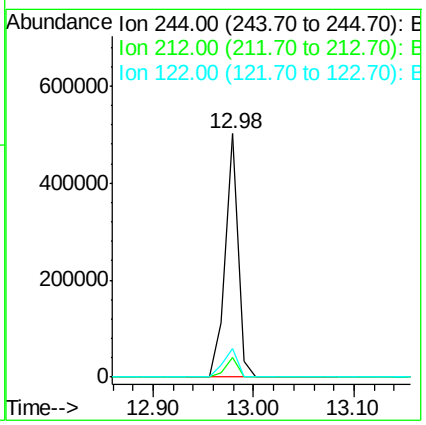


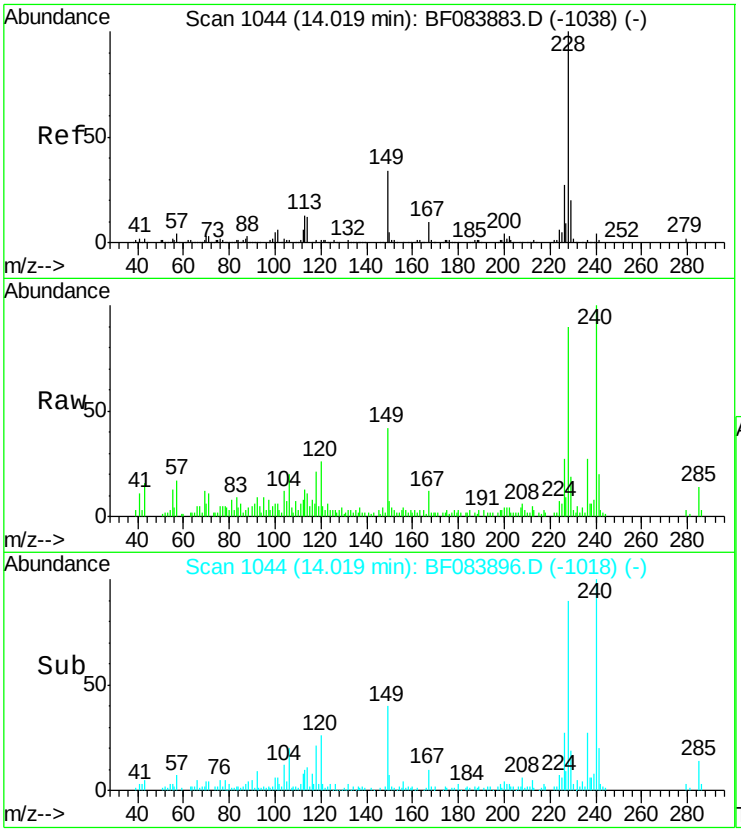


#78
Terphenyl-d14
Concen: 89.14 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:244 Resp: 447555

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	12.0	7.4	11.0#



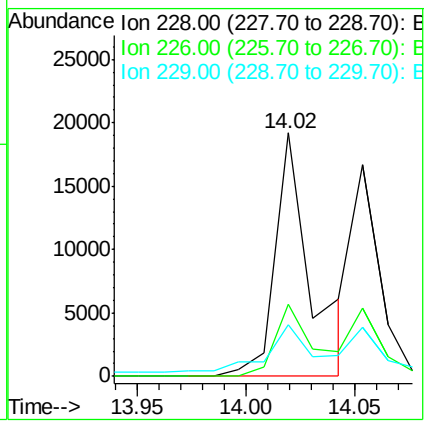


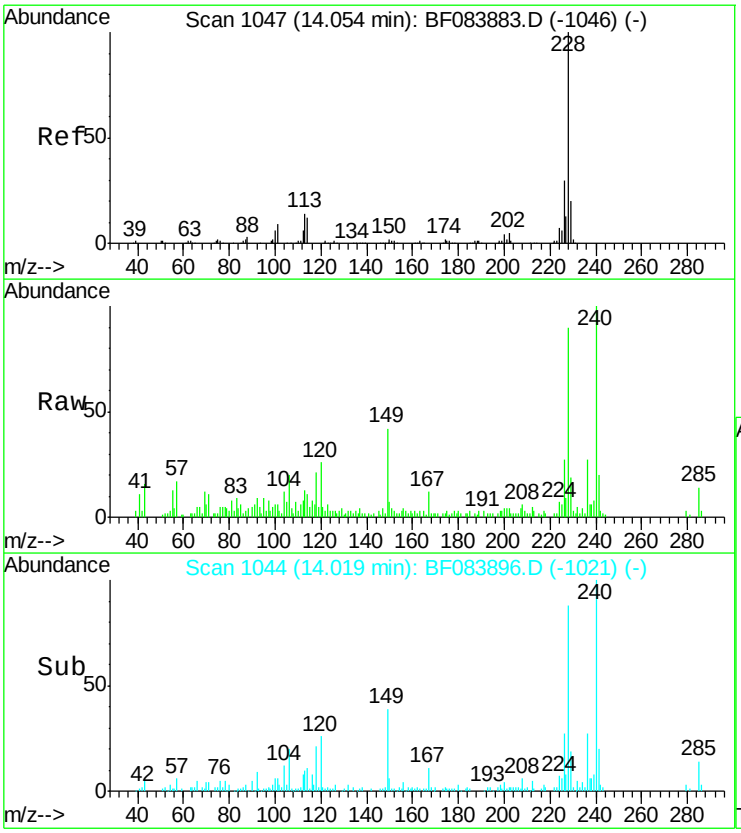
#80
Benzo(a)anthracene
Concen: 3.04 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:228 Resp: 22041

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.6
229	21.2	15.8	23.8

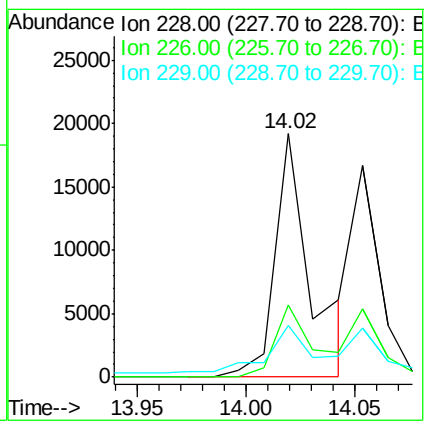


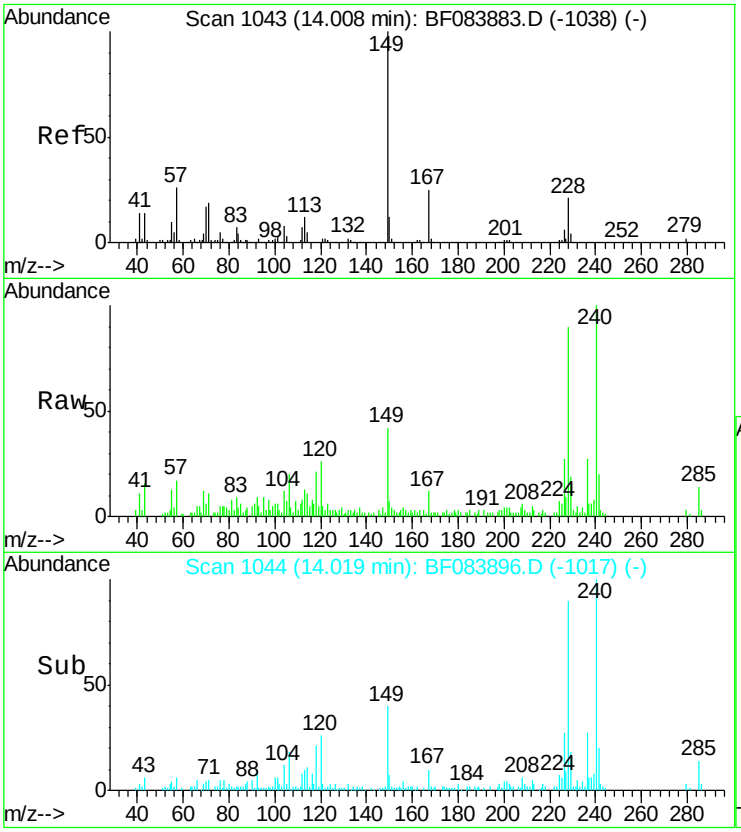


#82
Chrysene
Concen: 3.15 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:228 Resp: 22041

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	21.2	16.1	24.1



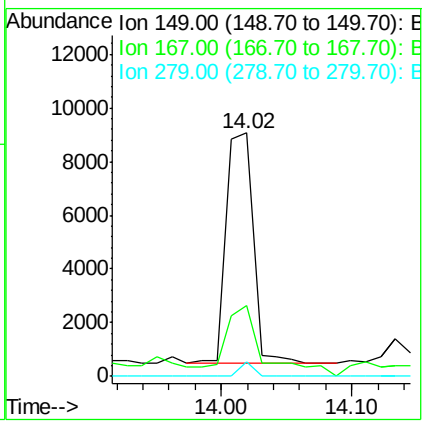


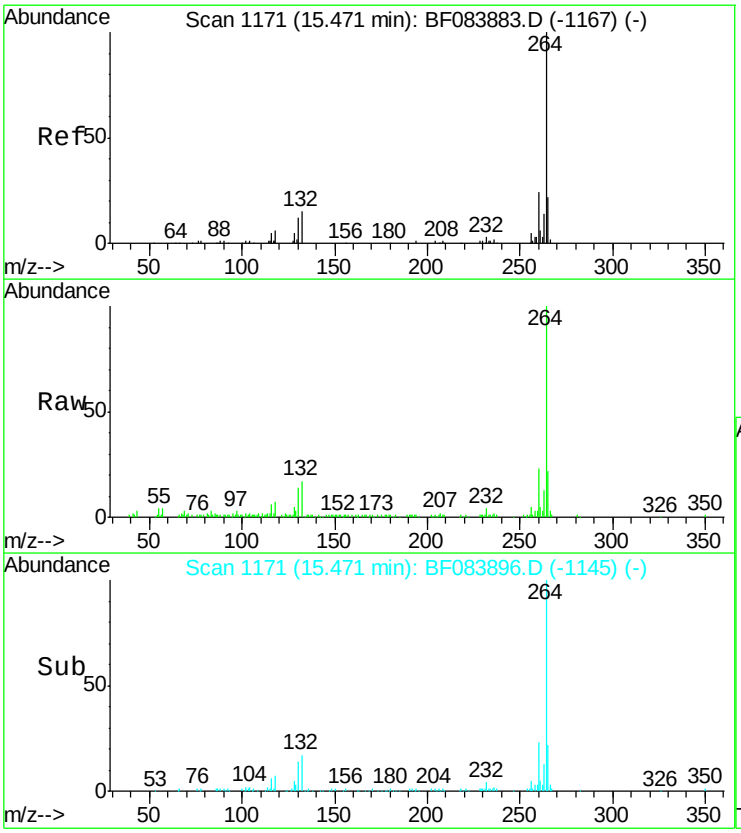
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.33 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:149 Resp: 12201

Ion	Ratio	Lower	Upper
149	100		
167	29.2	19.7	29.5
279	6.1	1.8	2.6#

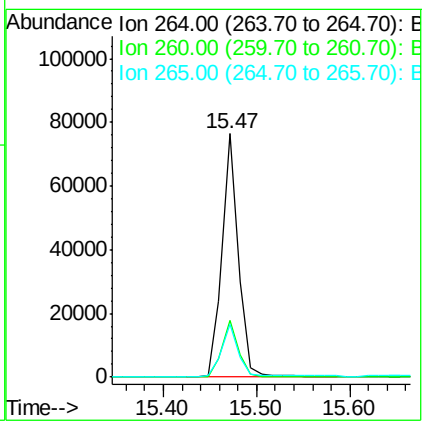


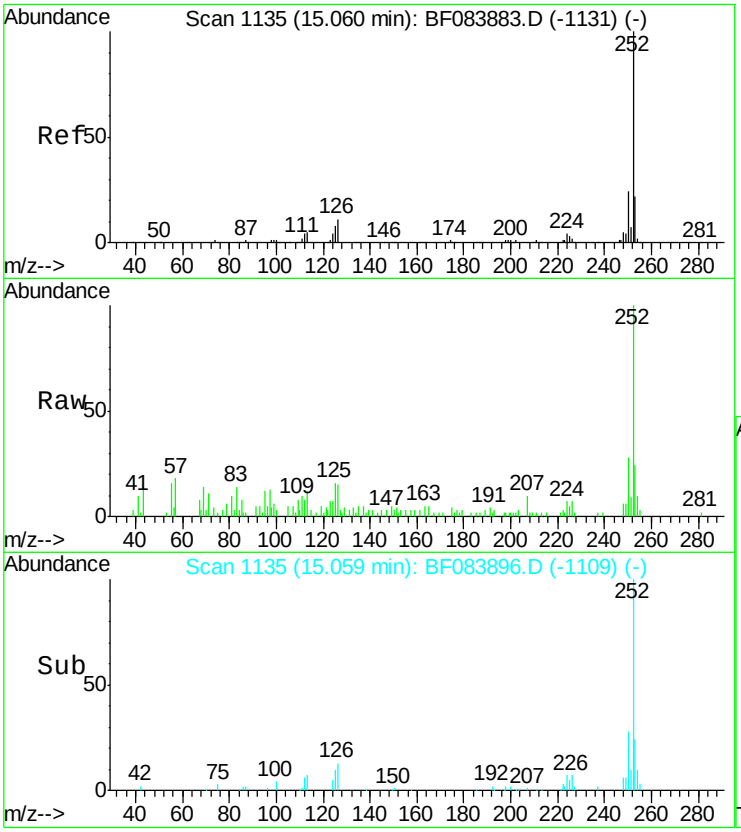


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:264 Resp: 93840

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.8	17.8	26.6



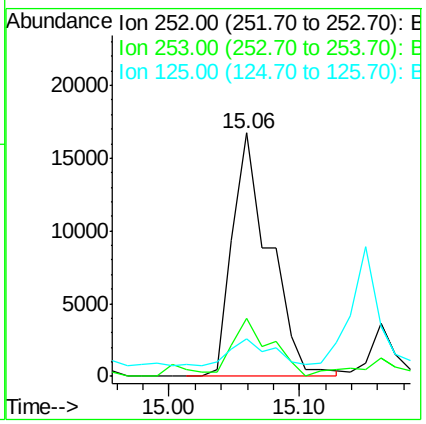


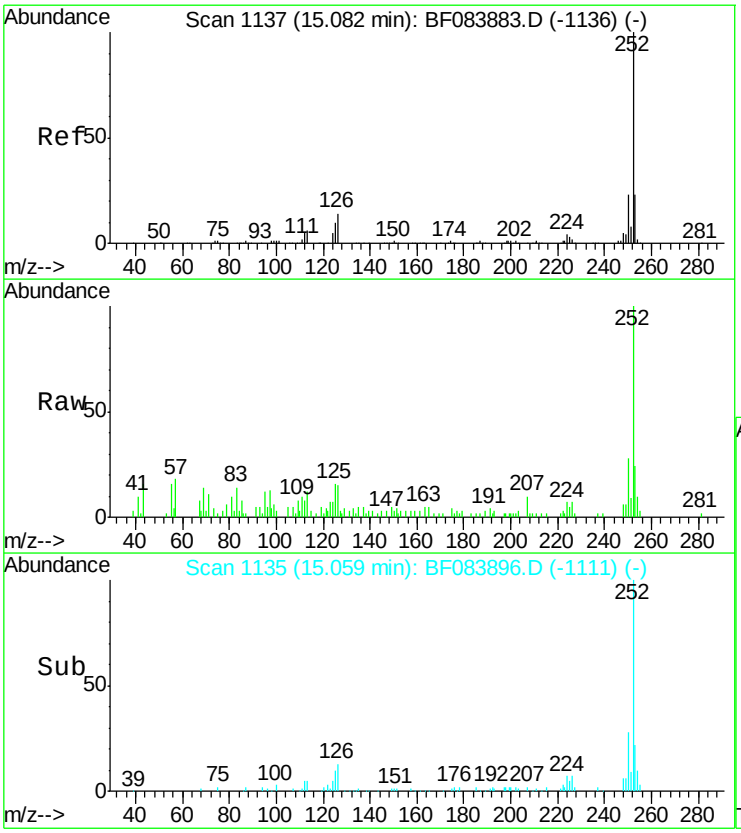
#87
Benzo(b)fluoranthene
Concen: 4.85 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:252 Resp: 33172

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	15.6	6.5	9.7#

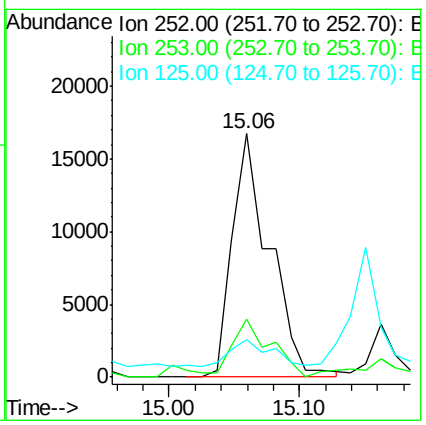


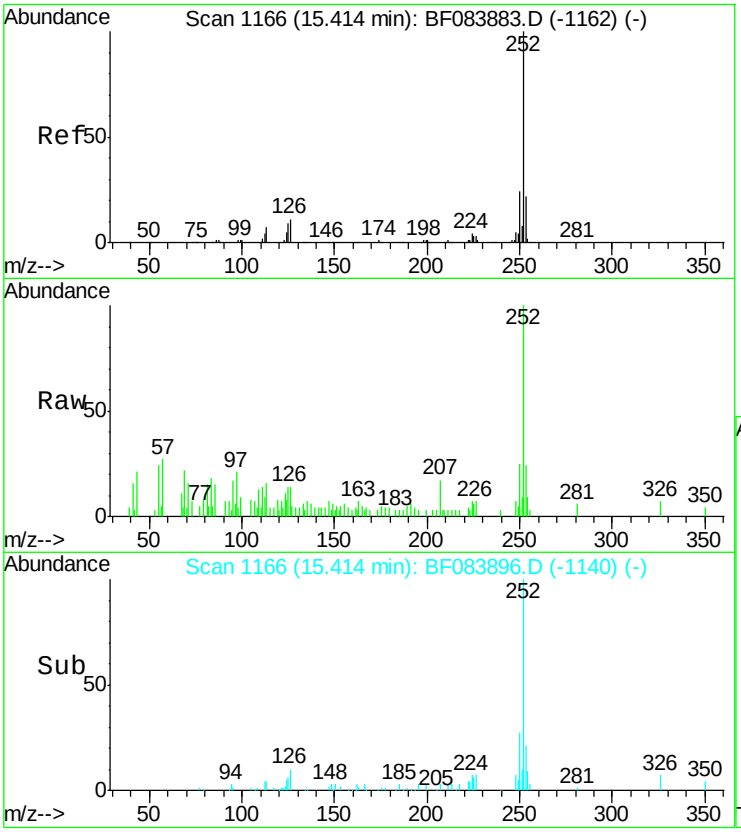


#88
Benzo(k)fluoranthene
Concen: 5.88 ng
RT: 15.06 min Scan# 1135
Delta R.T. -0.02 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:252 Resp: 33172

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	15.6	9.0	13.6#



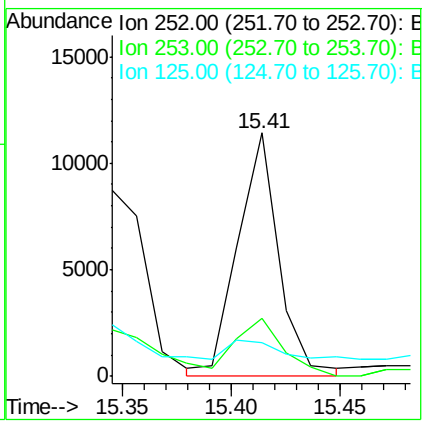


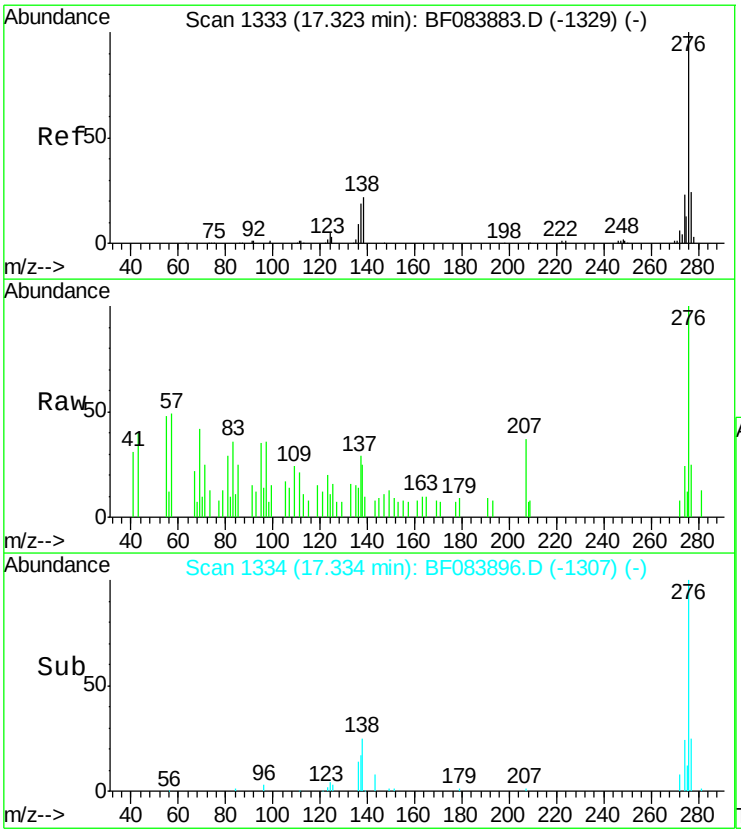
#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion:252 Resp: 15012

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	14.0	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 2.49 ng
RT: 17.33 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion:276 Resp: 10707

Ion	Ratio	Lower	Upper
276	100		
277	25.2	18.8	28.2
138	25.3	17.8	26.6