Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083900.D
Acq On : 18 Dec 2015 6:40
Operator : UM/SJ
Sample : G4759-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K210-0-2

Quant Time: Dec 18 07:22:46 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	73793	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	261730	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	119530	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	147638	20.00	ng		0.02
75) Chrysene-d12	14.08	240	111180	20.00	ng		0.05
86) Perylene-d12	15.54	264	95576	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	356903	75.69	ng		0.01
7) Phenol-d6	6.52	99	427230	74.02	ng		0.01
23) Nitrobenzene-d5	7.44	82	240758	52.50	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	86209	65.47	ng		0.01
44) 2-Fluorobiphenyl	9.24	172	519627	58.05	ng		0.00
78) Terphenyl-d14	13.01	244	251041	50.23	ng		0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	7.00	79	11960	2.74	ng	#	54
25) Isophorone	7.44	82	224019	25.96	ng	#	66
31) Naphthalene	8.18	128	18345	Below Cal			95
32) Benzoic acid	7.90	122	2965	4.08	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	1735	Below Cal		#	40
45) 1,1'-Biphenyl	9.33	154	4420	Below Cal			93
46) 2-Chloronaphthalene	9.36	162	722	Below Cal		#	1
49) Dimethylphthalate	9.63	163	126223	12.58	ng		99
57) Fluorene	10.46	166	2457	Below Cal		#	16
64) 4,6-Dinitro-2-methylphenol	10.64	198	424	4.36	ng	#	1
69) Pentachlorophenol	11.24	266	226	4.98	ng	#	10
70) Phenanthrene	11.44	178	24858	2.79	ng	#	69
74) Fluoranthene	12.65	202	33652	3.78	ng		63
77) Pyrene	12.88	202	49320	3.96	ng	#	89
80) Benzo(a)anthracene	14.07	228	32177	4.71	ng	#	73
82) Chrysene	14.07	228	32177	4.87	ng	#	78
83) Bis(2-ethylhexyl)phthalate	14.05	149	11759	2.38	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.99	276	29207	5.91	ng		97
87) Benzo(b)fluoranthene	15.12	252	59334	8.52	ng	#	1
88) Benzo(k)fluoranthene	15.12	252	59334	10.32	ng	#	1
89) Benzo(a)pyrene	15.47	252	33673	5.85	ng	#	1
91) Benzo(g,h,i)perylene	17.43	276	56176	12.80	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF121815\
Data File : BF083900.D
Acq On : 18 Dec 2015 6:40
Operator : UM/SJ
Sample : G4759-01
Misc :
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Instrument :
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K210-0-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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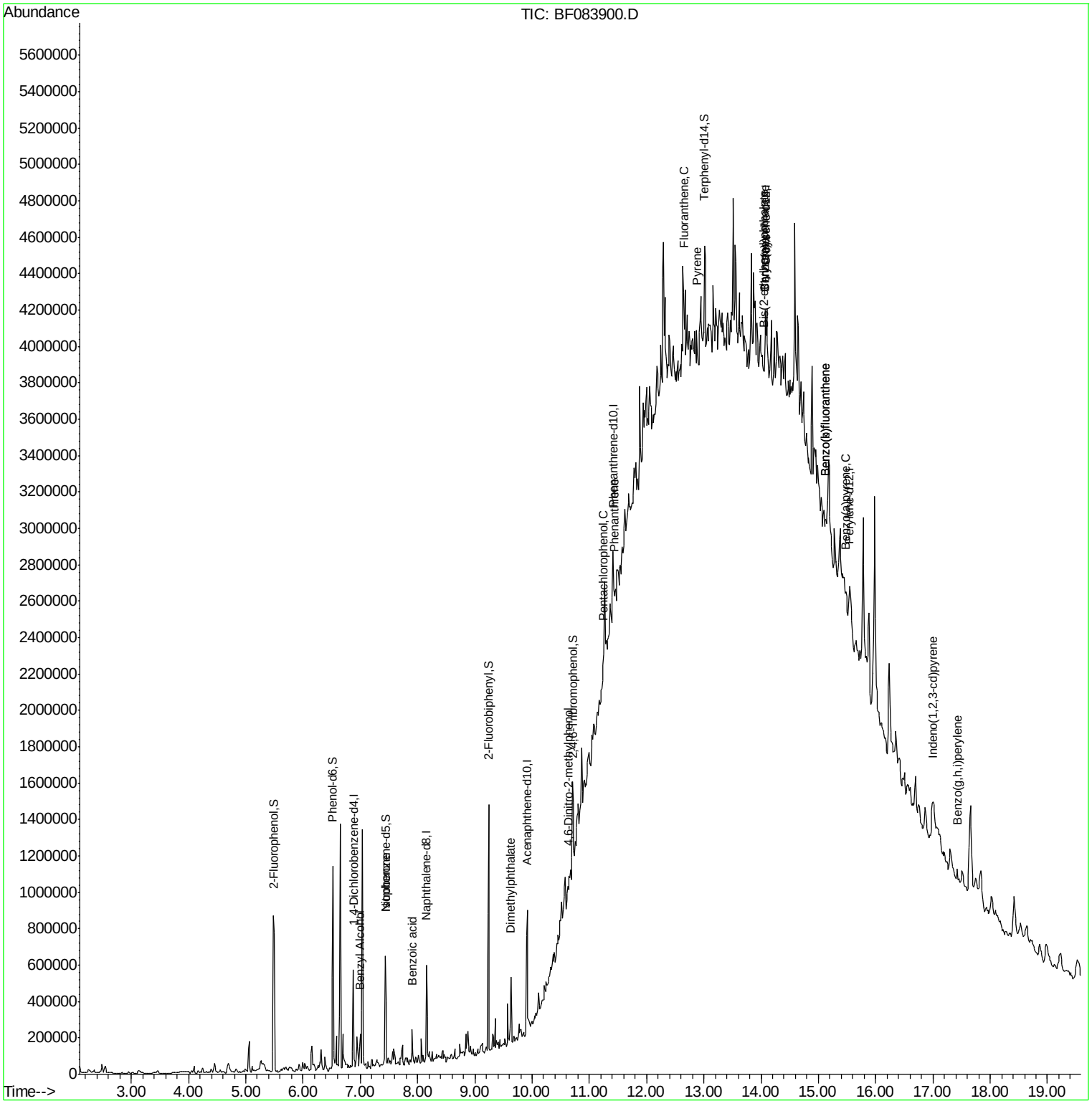
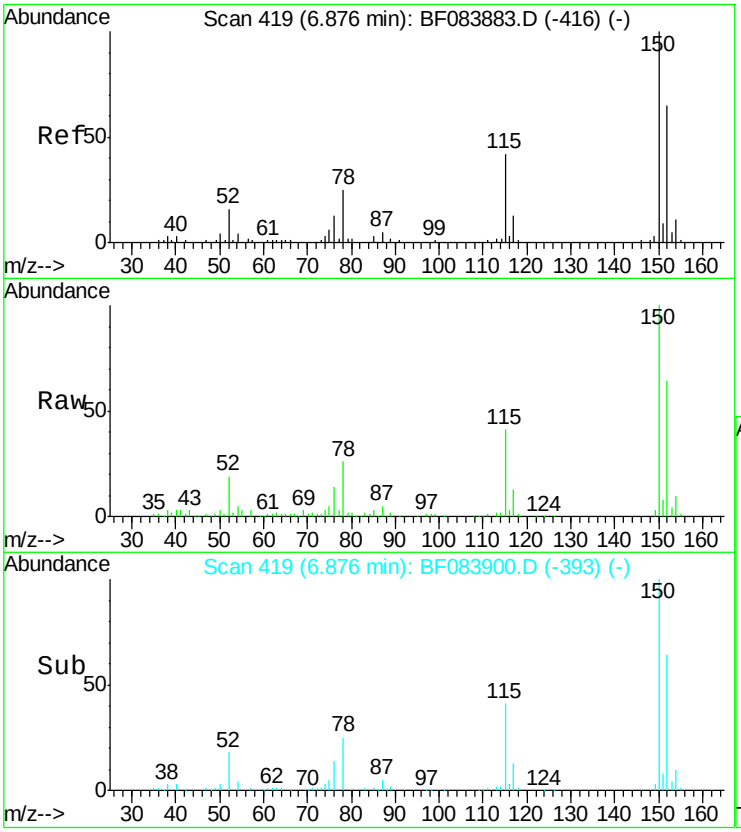


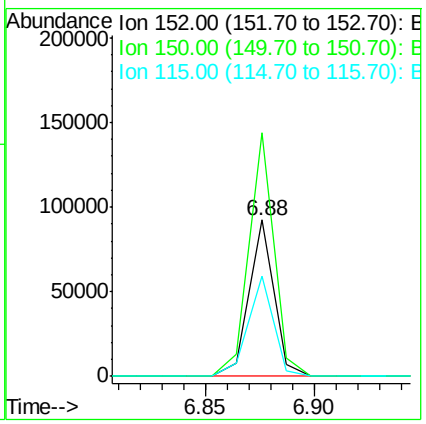


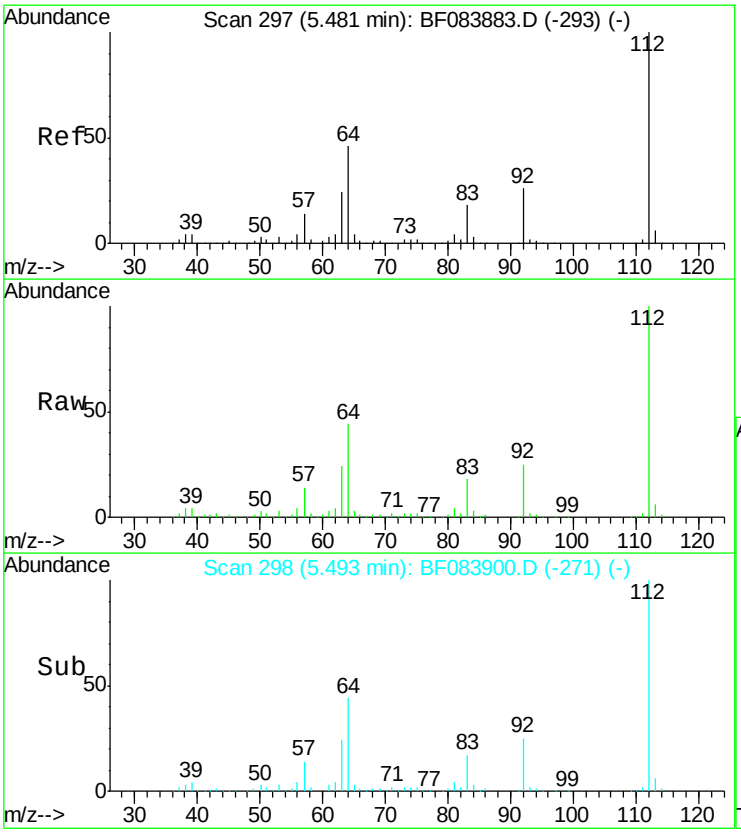
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:152 Resp: 73793

Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.4
115	64.5	51.4	77.2

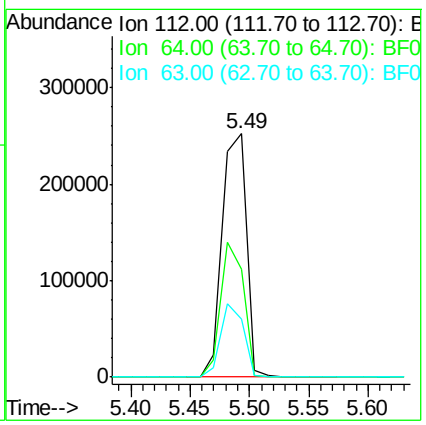


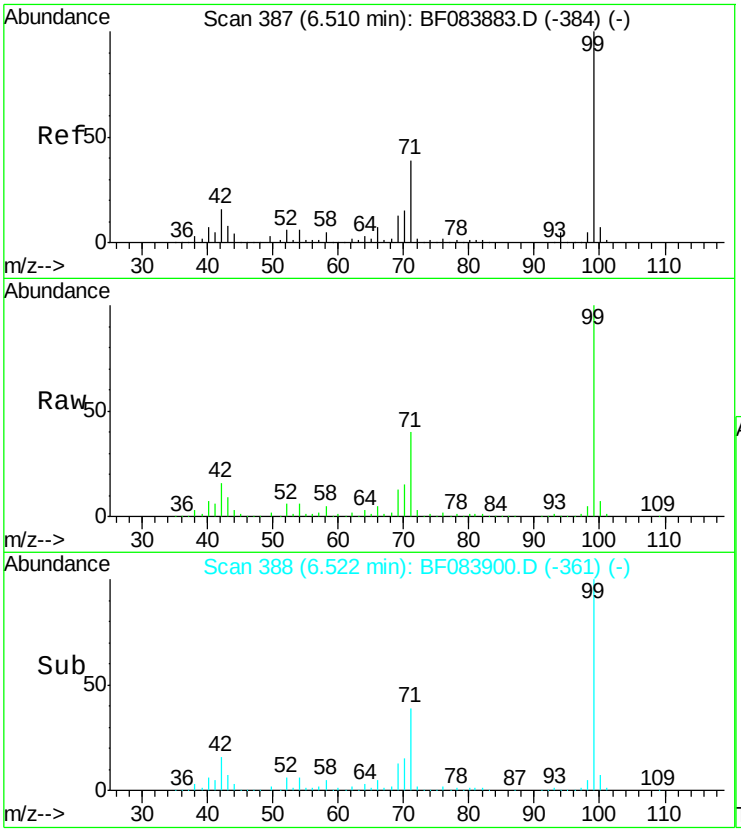


#5
2-Fluorophenol
Concen: 75.69 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:112 Resp: 356903

Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.6	55.0
63	24.1	19.4	29.0



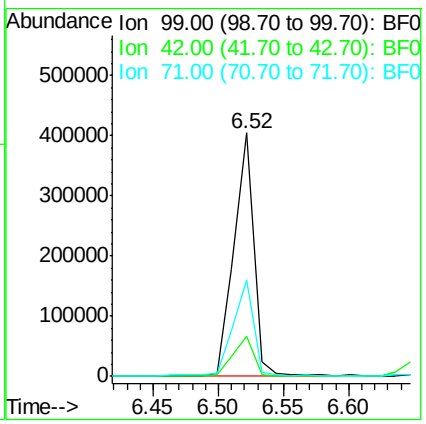


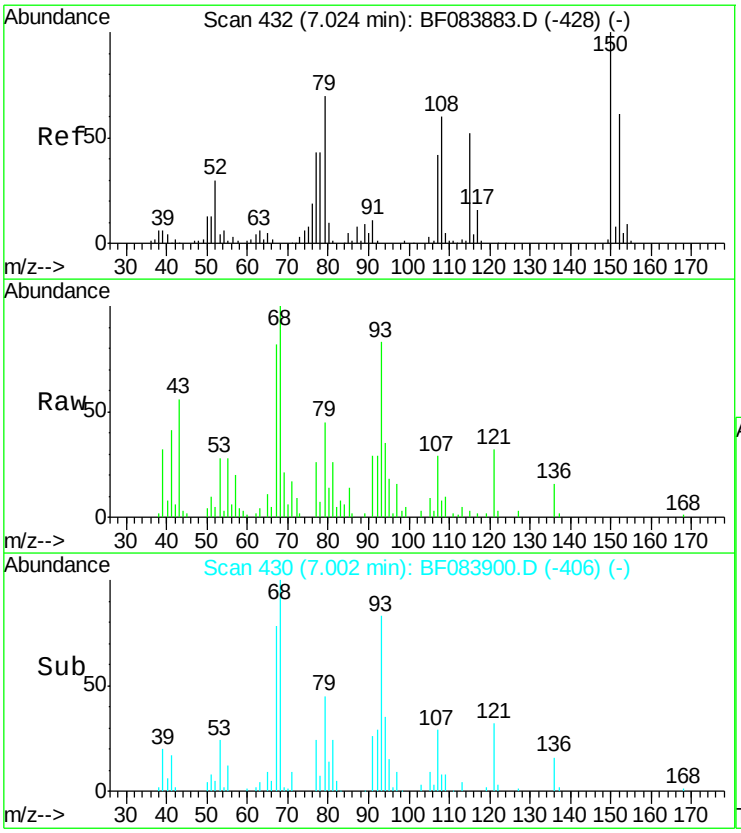
#7
Phenol-d6
Concen: 74.02 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion: 99 Resp: 427230

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.8	19.2
71	39.8	30.9	46.3

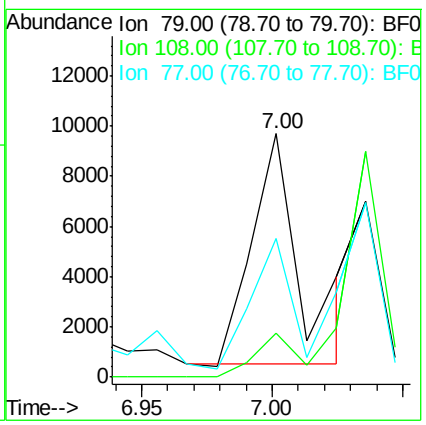


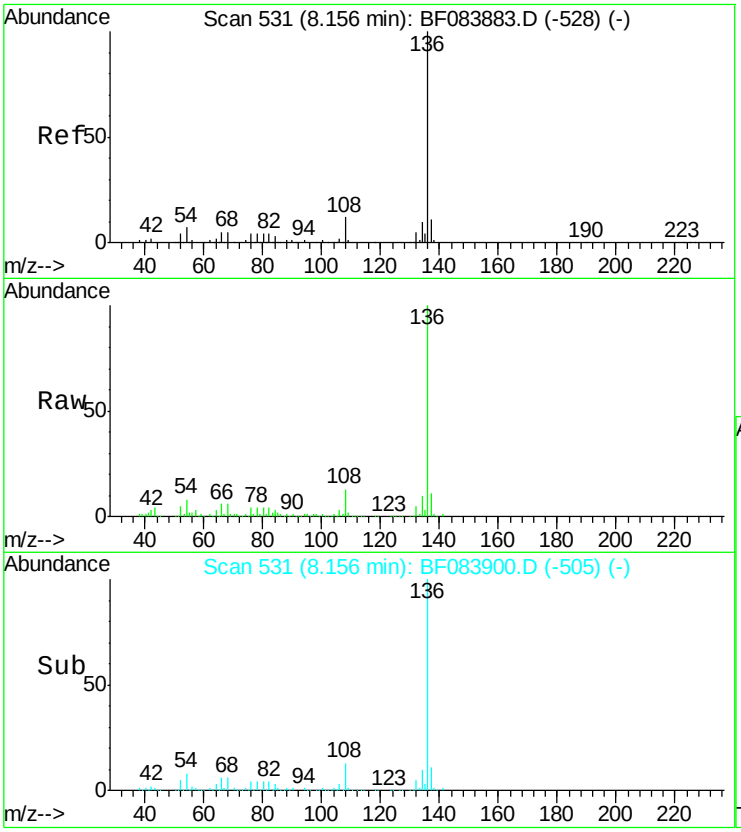


#15
Benzyl Alcohol
Concen: 2.74 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion: 79 Resp: 11960

Ion	Ratio	Lower	Upper
79	100		
108	18.3	69.0	103.4#
77	56.9	50.0	75.0



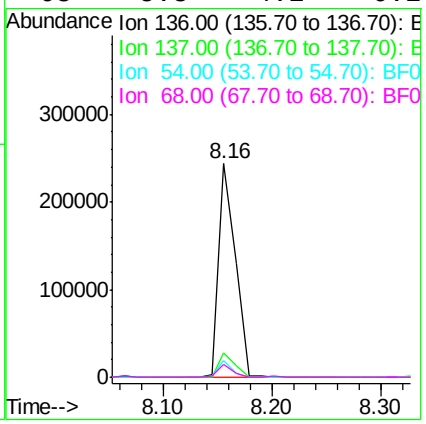


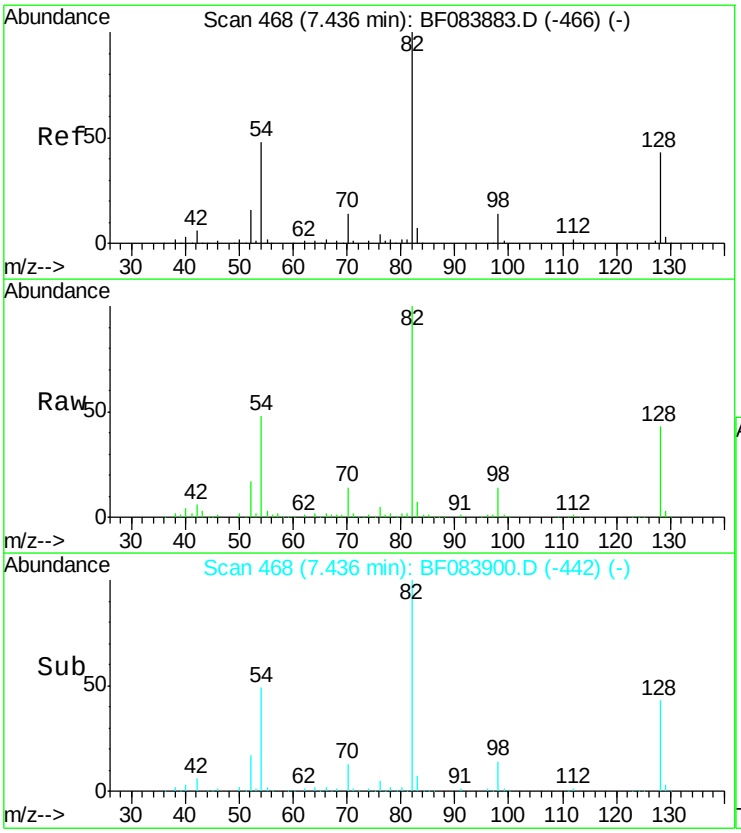
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:136 Resp: 261730

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	7.9	5.8	8.8
68	5.8	4.2	6.2

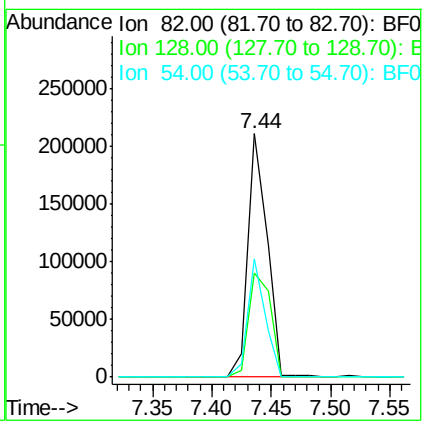


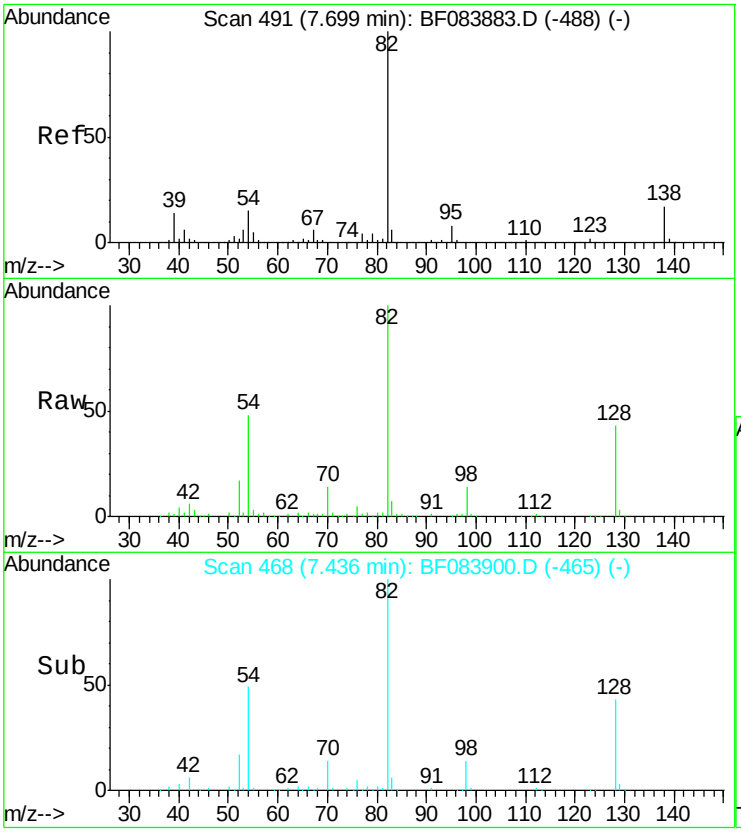


#23
Nitrobenzene-d5
Concen: 52.50 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion: 82 Resp: 240758

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	51.8
54	48.5	38.4	57.6



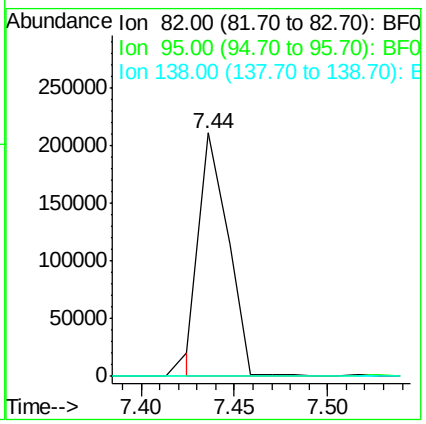


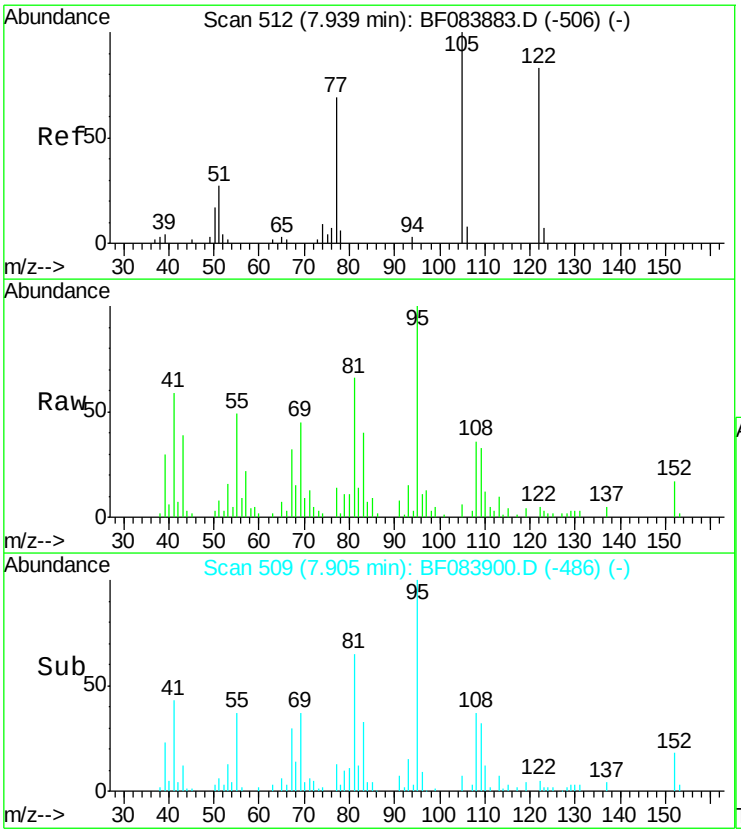
#25
Isophorone
Concen: 25.96 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion: 82 Resp: 224019

Ion	Ratio	Lower	Upper
82	100		
95	0.3	6.6	10.0#
138	0.0	13.6	20.4#

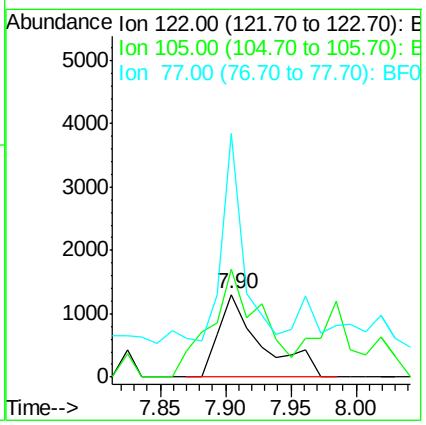


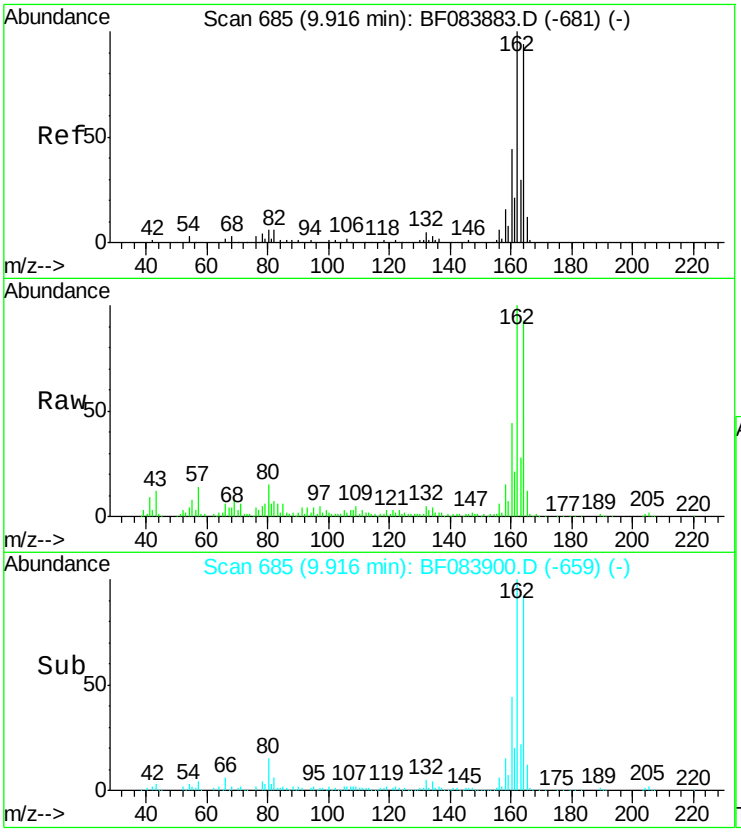


#32
Benzoic acid
Concen: 4.08 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:122 Resp: 2965

Ion	Ratio	Lower	Upper
122	100		
105	131.0	100.3	140.3
77	294.5	63.5	103.5#



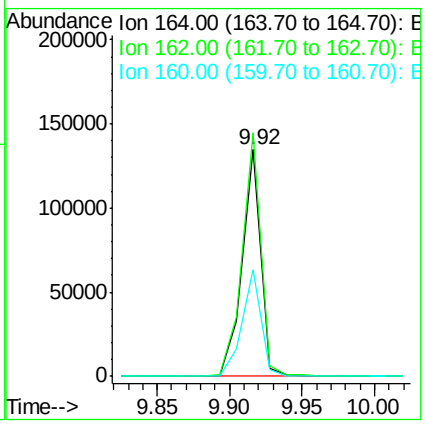


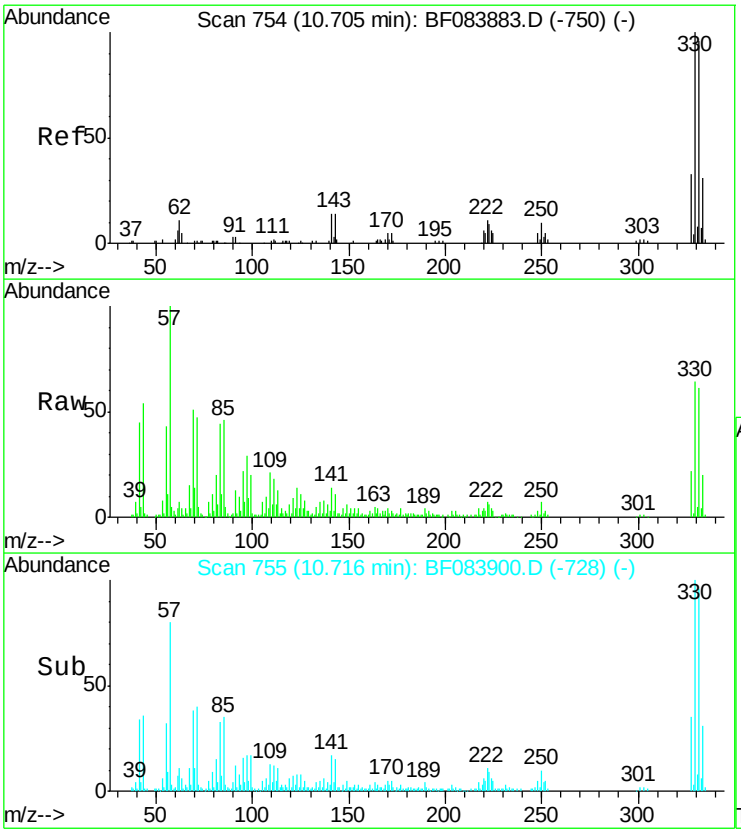
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:164 Resp: 119530

Ion	Ratio	Lower	Upper
164	100		
162	107.5	85.1	127.7
160	47.2	37.5	56.3

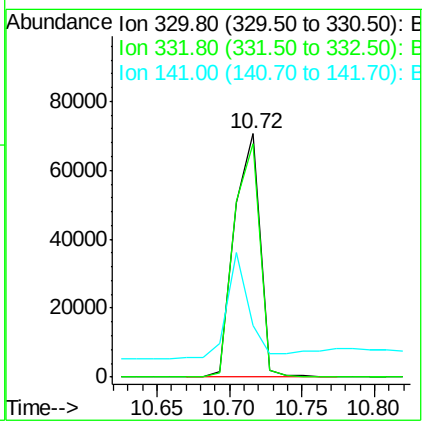


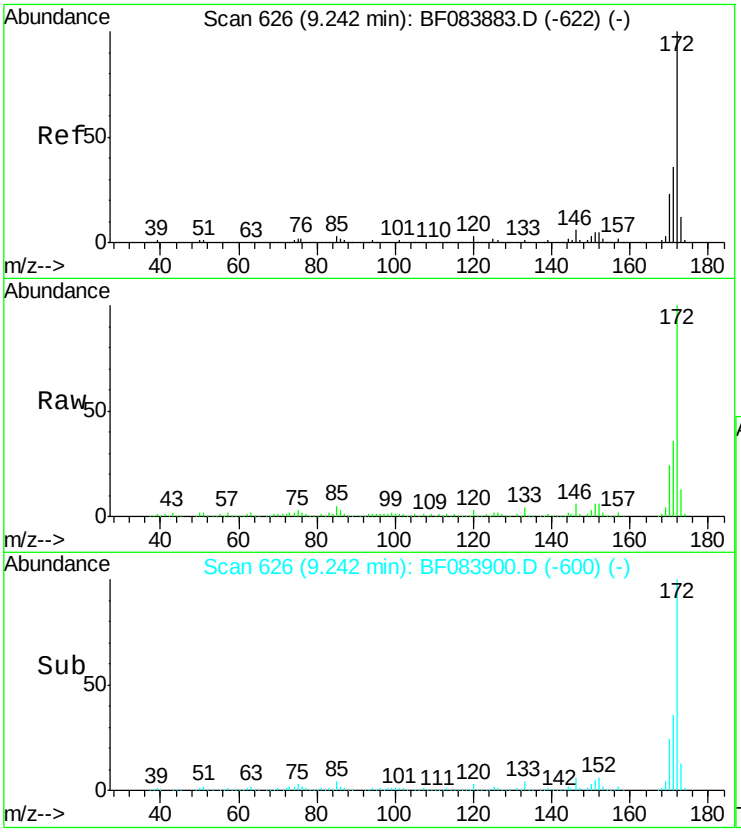


#41
2,4,6-Tribromophenol
Concen: 65.47 ng
RT: 10.72 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:330 Resp: 86209

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	114.8
141	38.4	27.8	41.6



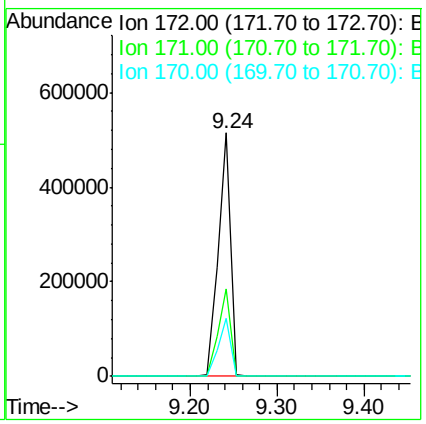


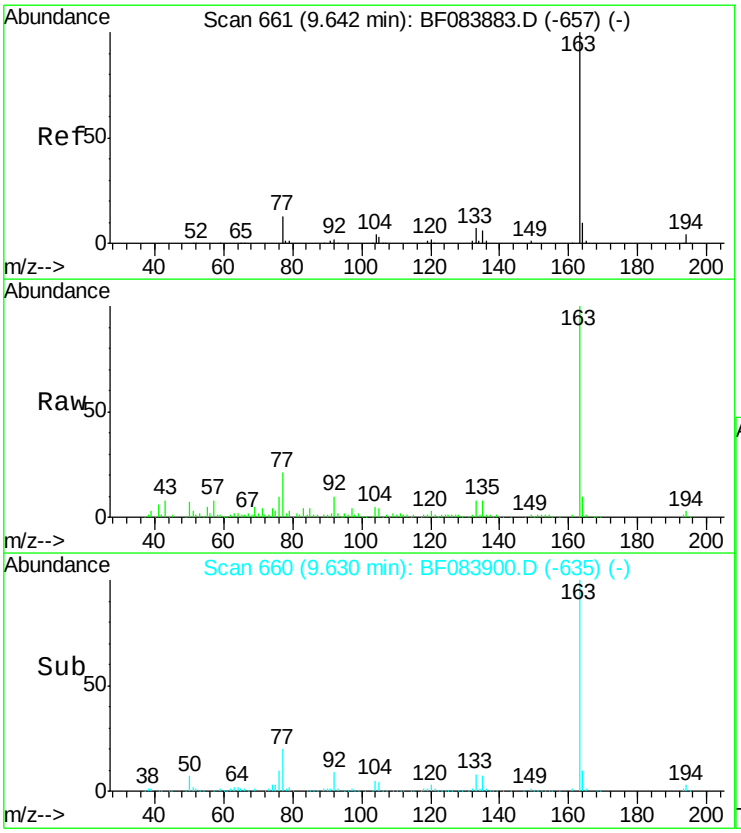
#44
2-Fluorobiphenyl
Concen: 58.05 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:172 Resp: 519627

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.6	18.6	27.8

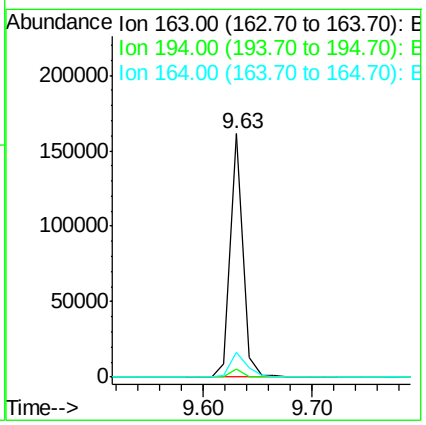


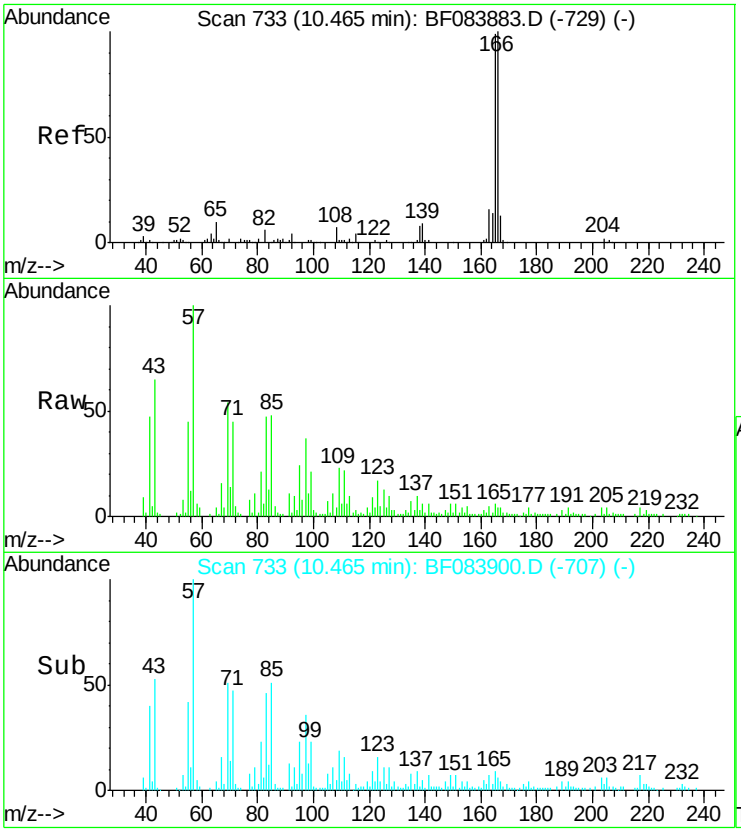


#49
Dimethylphthalate
Concen: 12.58 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:163 Resp: 126223

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.6
164	10.0	7.9	11.9



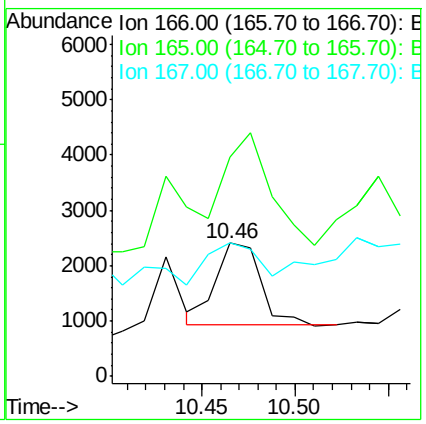


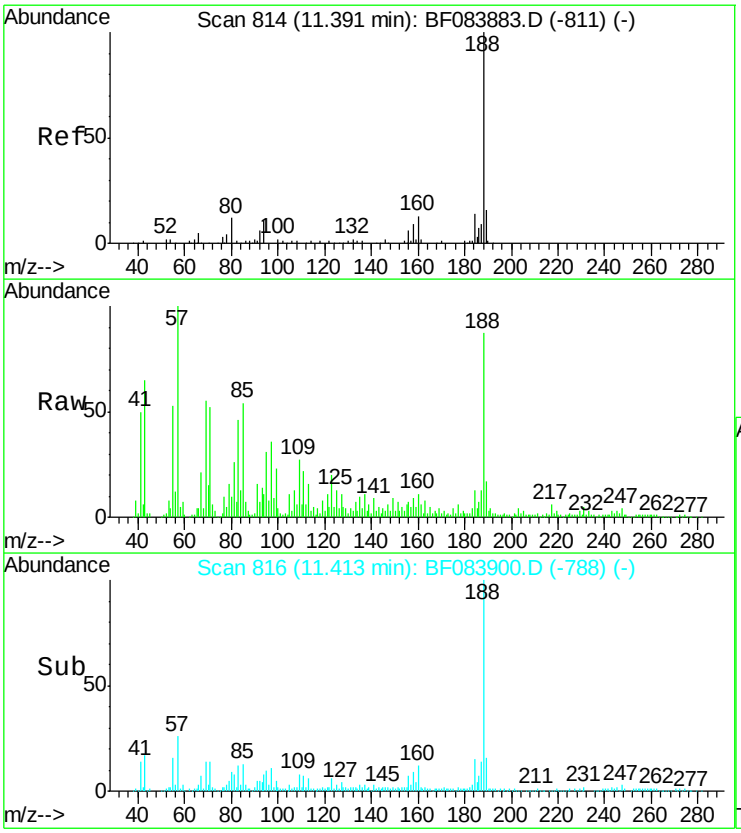
#57
Fluorene
Concen: Below Cal
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:166 Resp: 2457

Ion	Ratio	Lower	Upper
166	100		
165	165.1	79.1	118.7#
167	100.1	10.4	15.6#

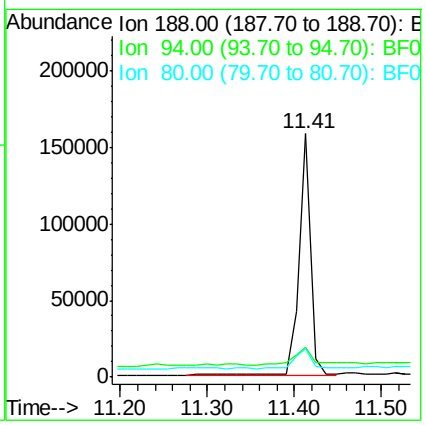


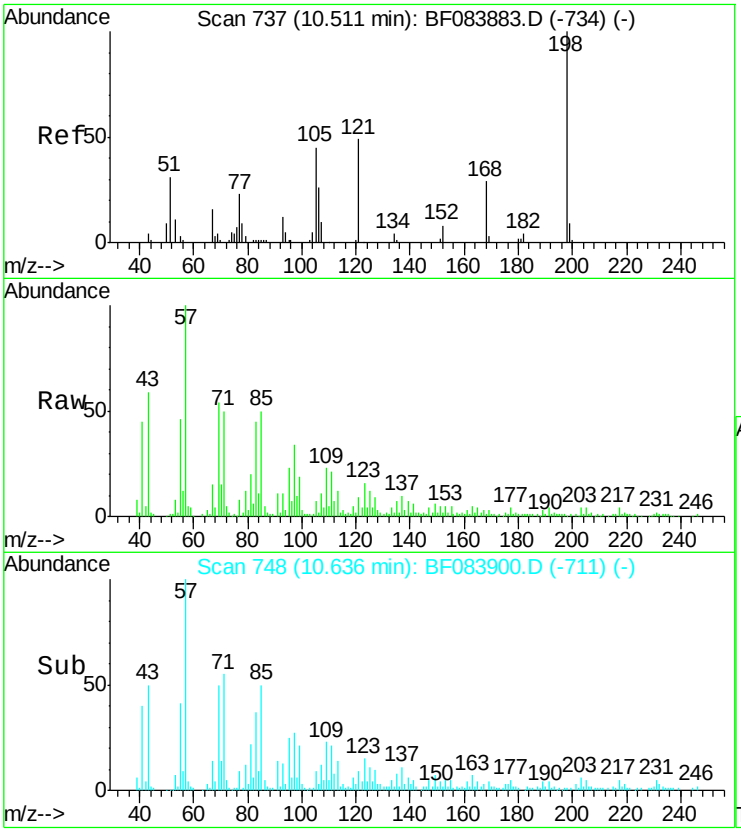


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. 0.02 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:188 Resp: 147638

Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.0	13.4
80	11.9	9.6	14.4



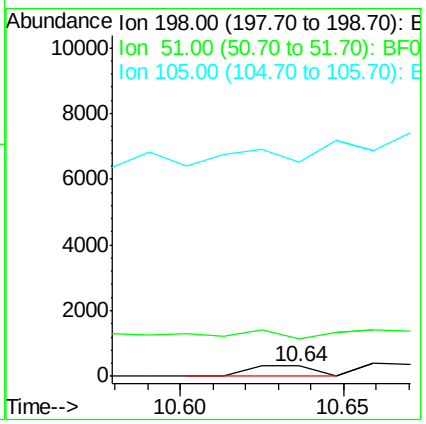


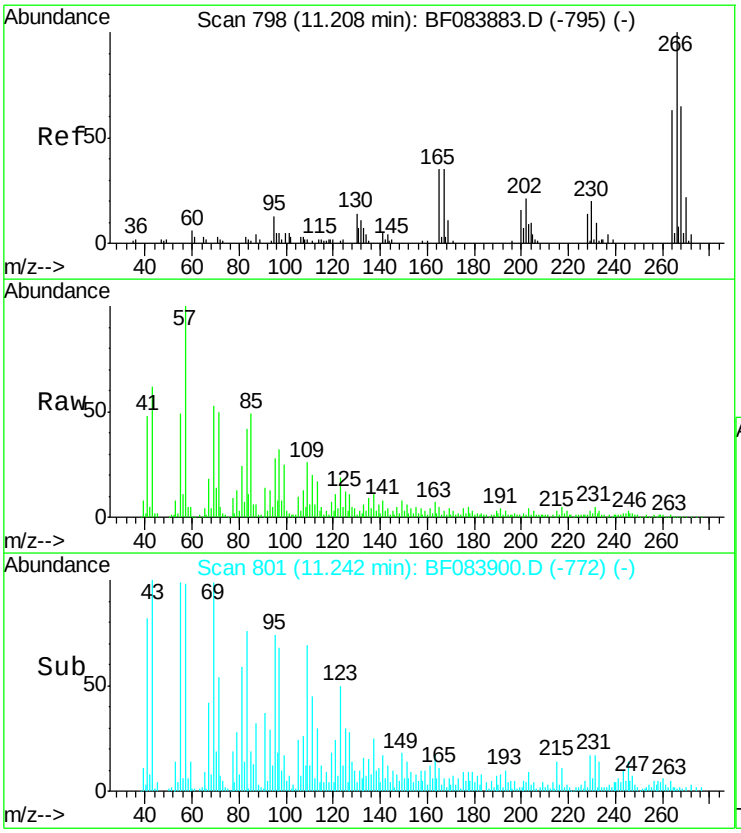
#64
4,6-Dinitro-2-methylphenol
Concen: 4.36 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.13 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:198 Resp: 424

Ion	Ratio	Lower	Upper
198	100		
51	365.0	18.9	58.9#
105	2095.2	26.4	66.4#

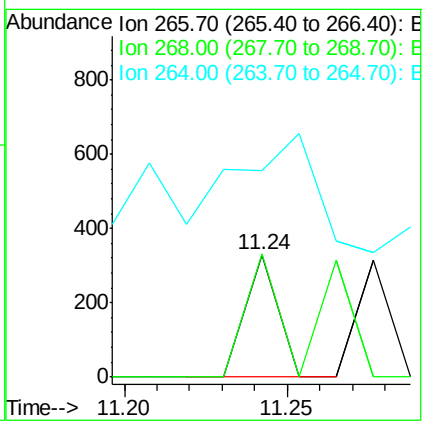


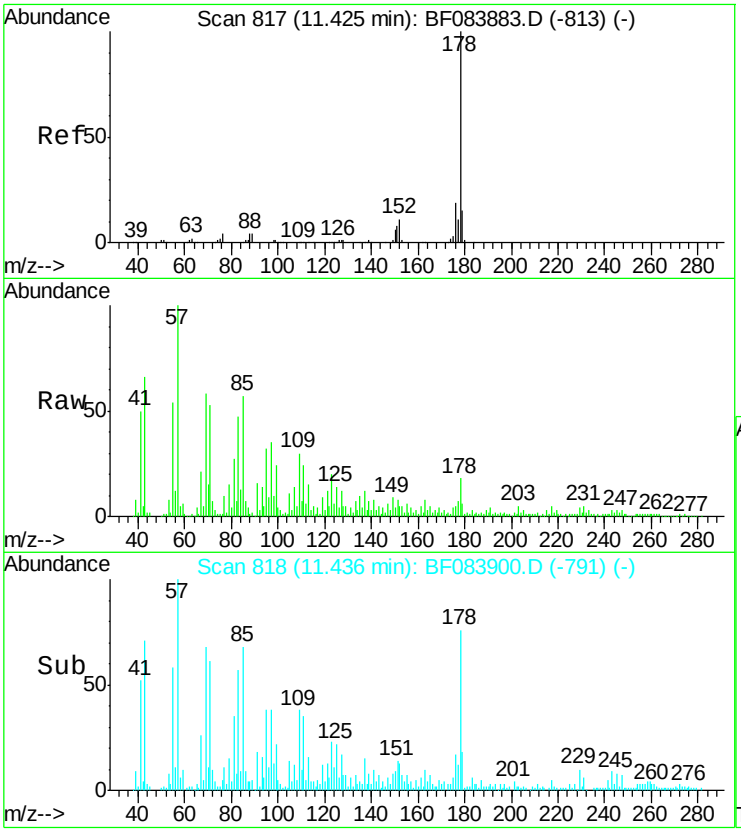


#69
Pentachlorophenol
Concen: 4.98 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.04 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:266 Resp: 226

Ion	Ratio	Lower	Upper
266	100		
268	100.9	52.4	78.6#
264	169.3	50.2	75.2#



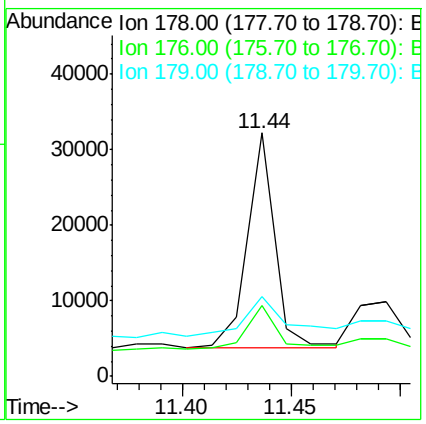


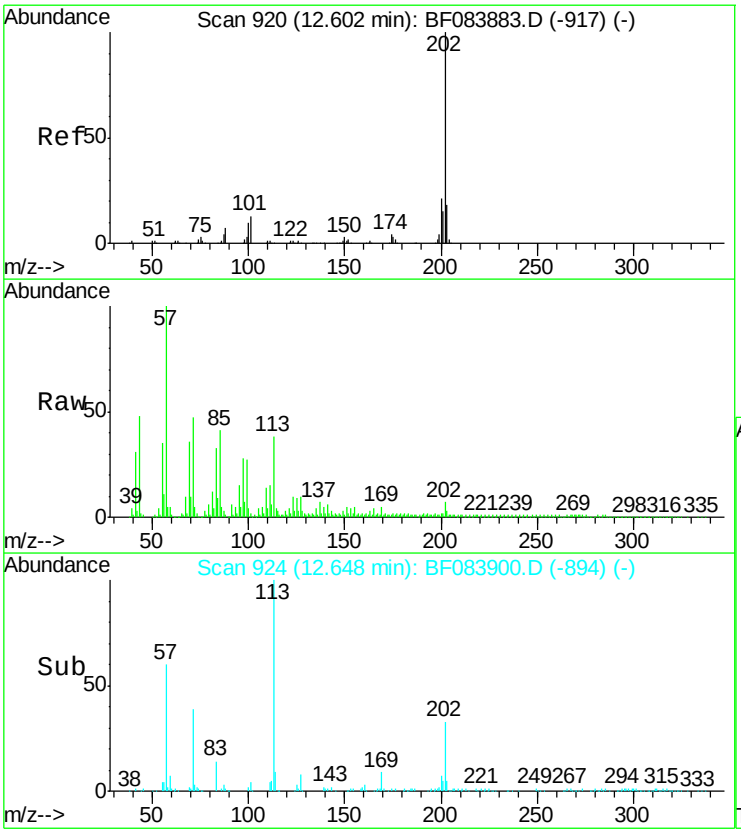
#70
Phenanthrene
Concen: 2.79 ng
RT: 11.44 min Scan# 818
Delta R.T. 0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:178 Resp: 24858

Ion	Ratio	Lower	Upper
178	100		
176	29.2	15.3	22.9#
179	32.5	12.0	18.0#

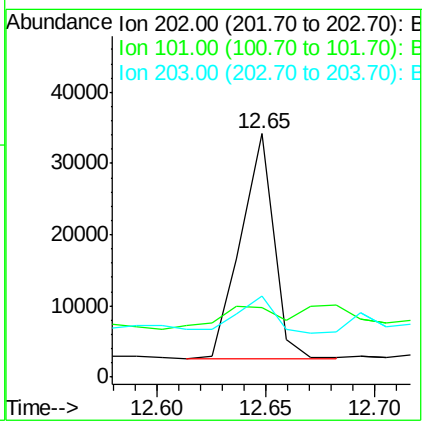


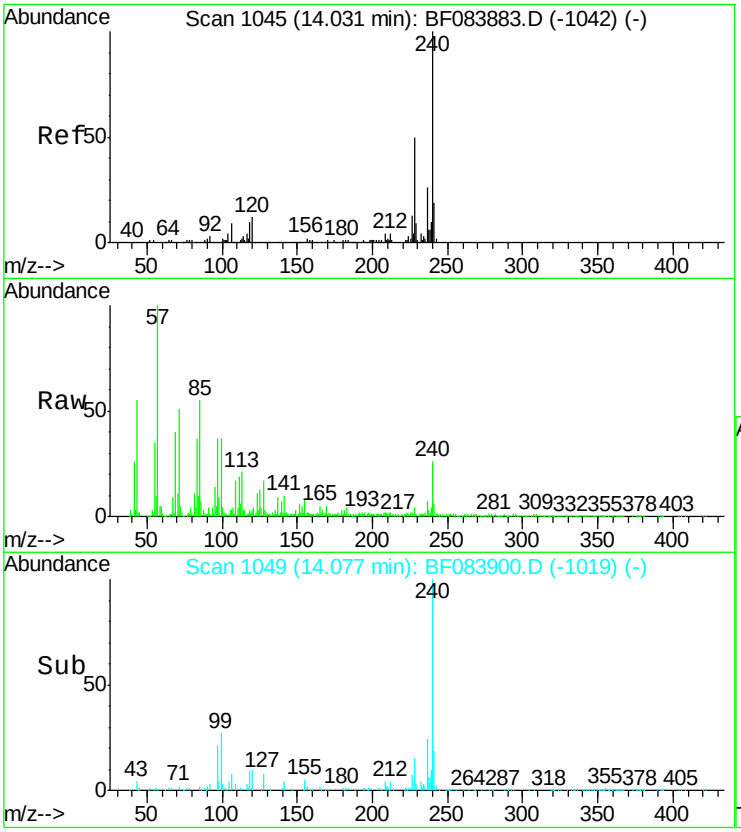


#74
Fluoranthene
Concen: 3.78 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.05 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:202 Resp: 33652

Ion	Ratio	Lower	Upper
202	100		
101	28.6	0.0	32.8
203	33.5	0.0	37.9



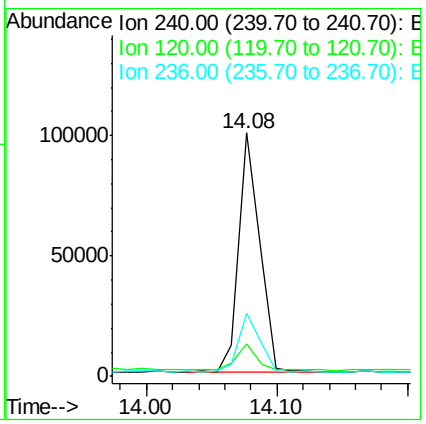


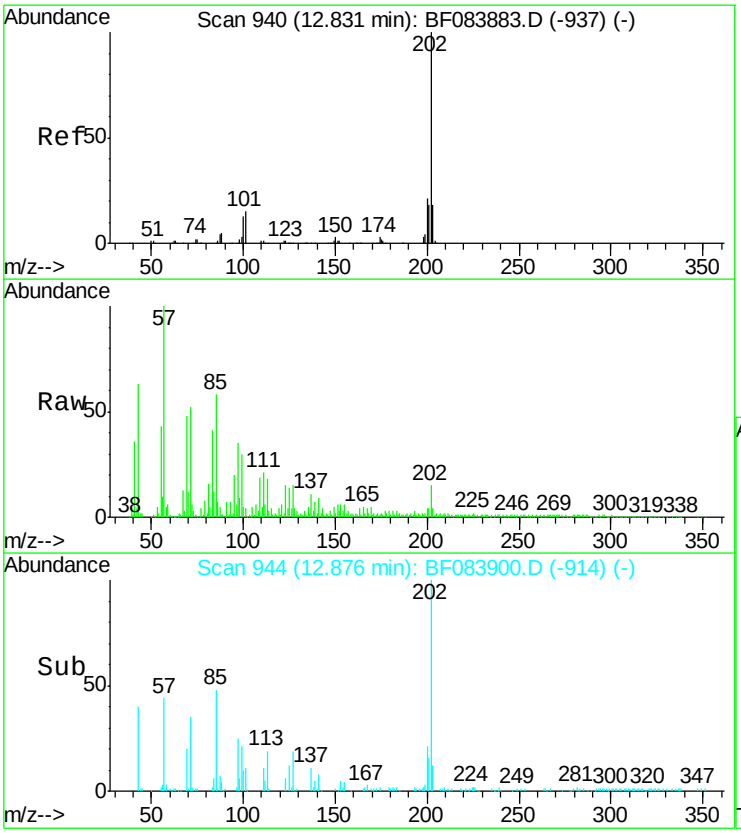
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. 0.05 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:240 Resp: 111180

Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.8	20.6	31.0

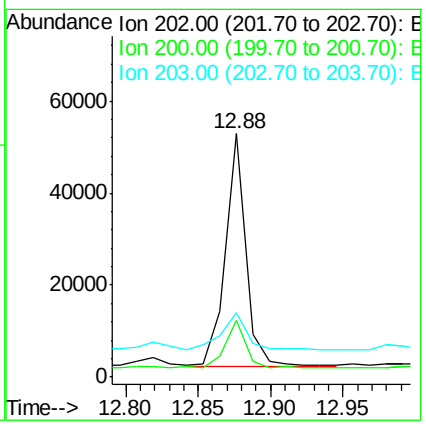


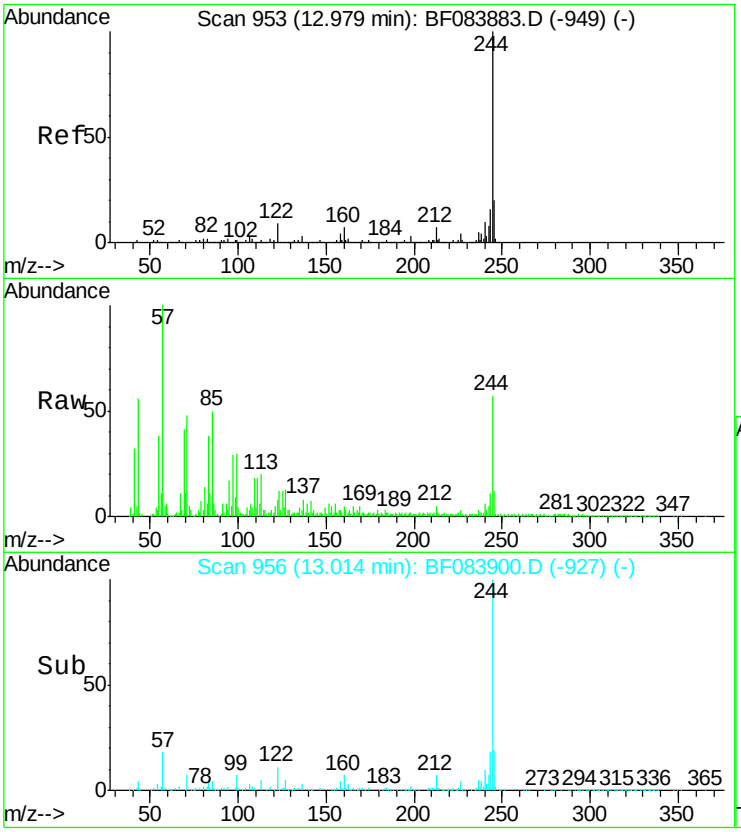


#77
Pyrene
Concen: 3.96 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.05 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:202 Resp: 49320

Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.2	25.8
203	26.3	14.3	21.5#



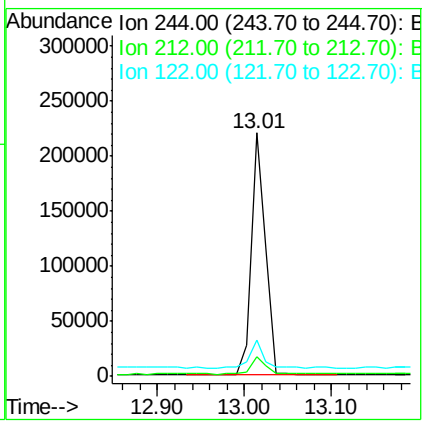


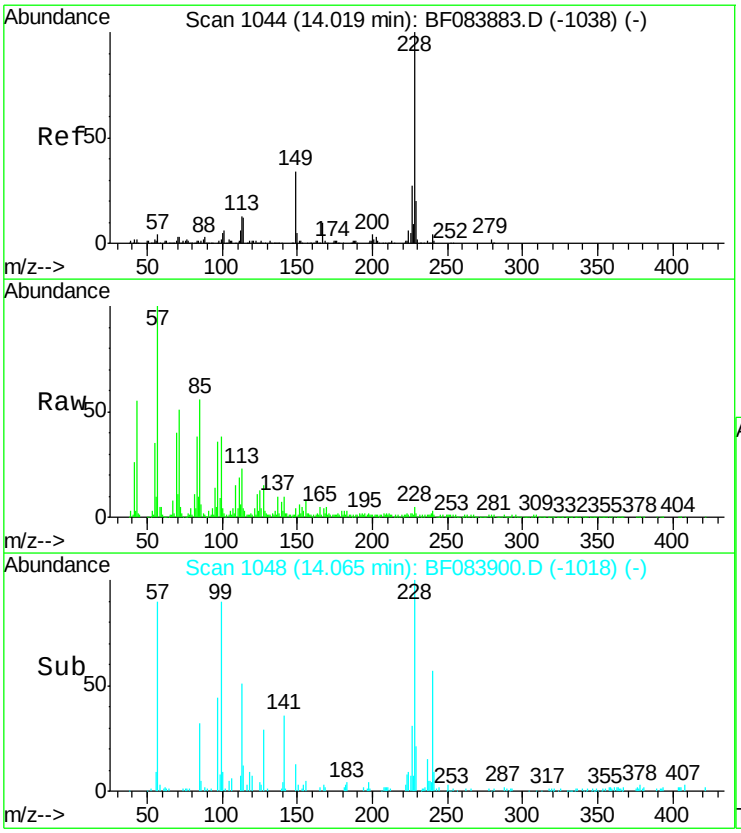
#78
Terphenyl-d14
Concen: 50.23 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.03 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:244 Resp: 251041

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	14.7	7.4	11.0#

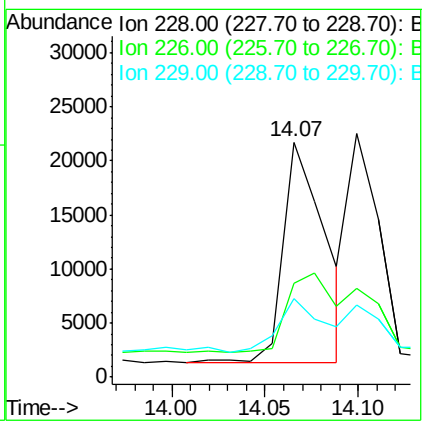


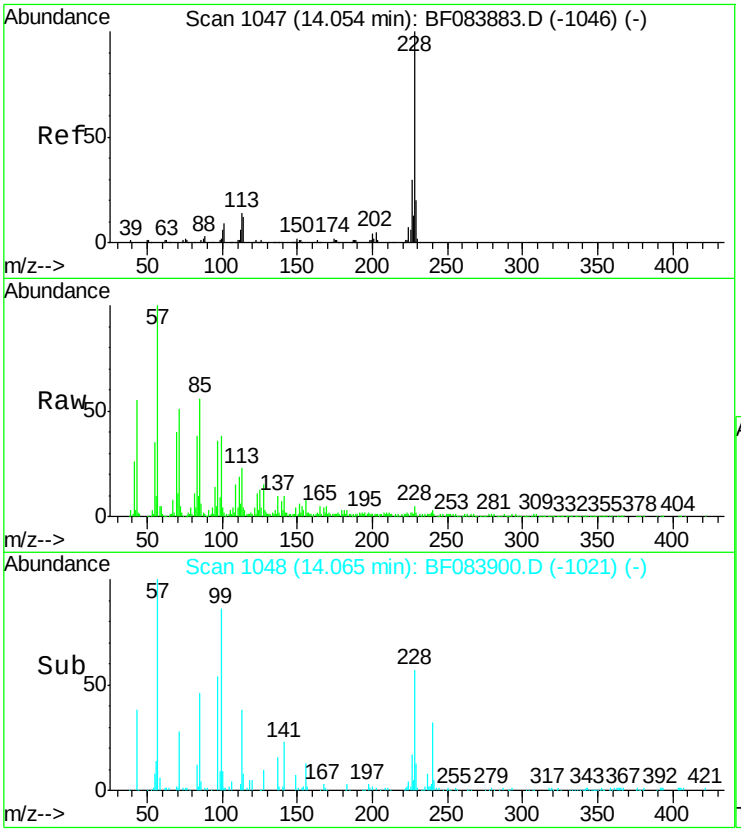


#80
Benzo(a)anthracene
Concen: 4.71 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.05 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:228 Resp: 32177

Ion	Ratio	Lower	Upper
228	100		
226	39.9	21.8	32.6#
229	33.5	15.8	23.8#



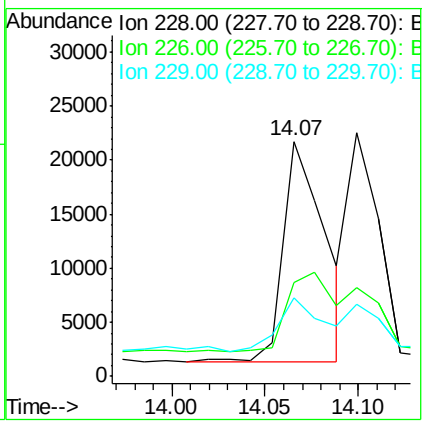


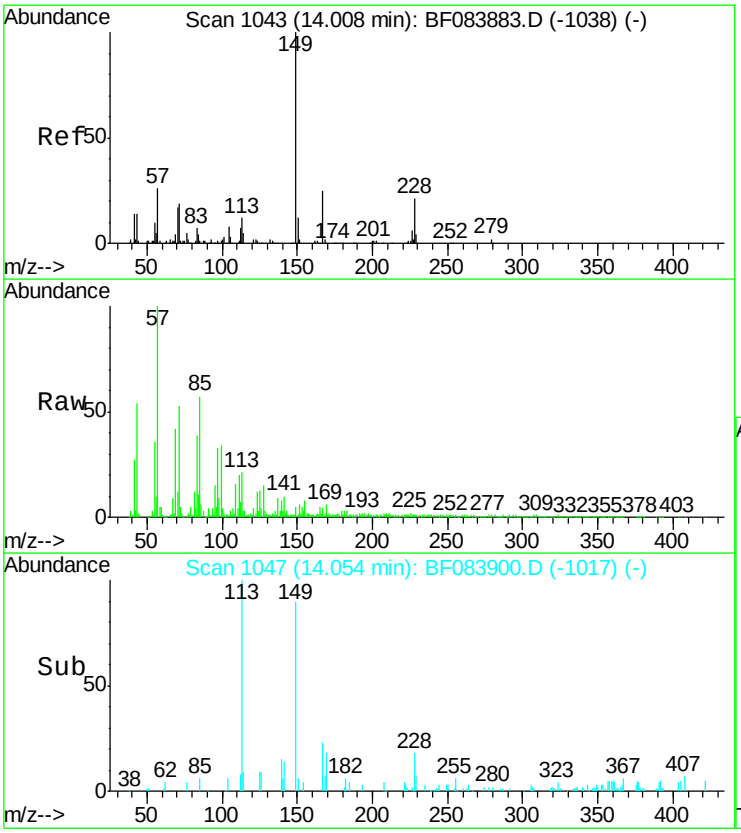
#82
Chrysene
Concen: 4.87 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:228 Resp: 32177

Ion	Ratio	Lower	Upper
228	100		
226	39.9	24.3	36.5#
229	33.5	16.1	24.1#

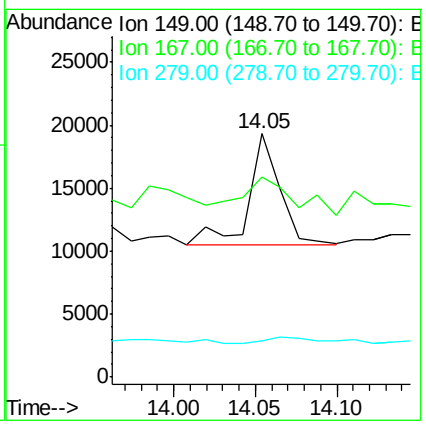


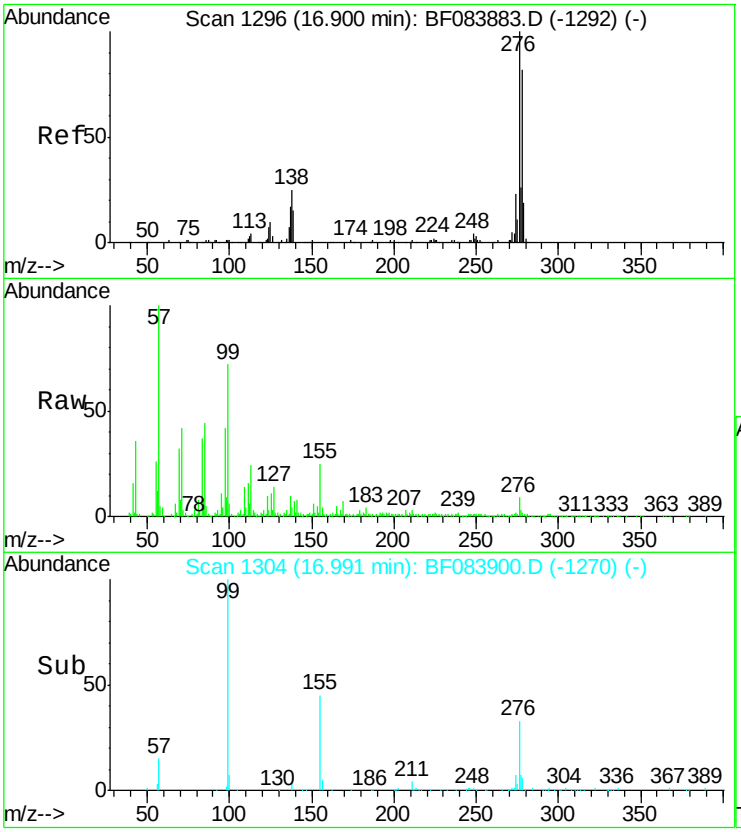


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.05 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:149 Resp: 11759

Ion	Ratio	Lower	Upper
149	100		
167	82.1	19.7	29.5#
279	15.0	1.8	2.6#



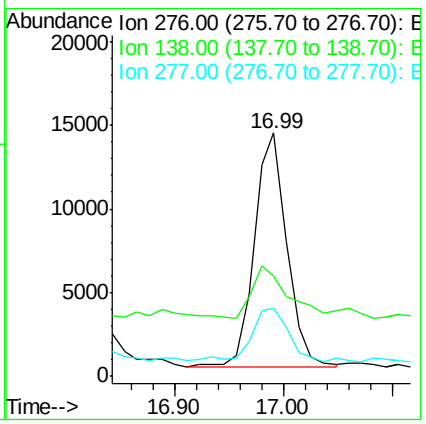


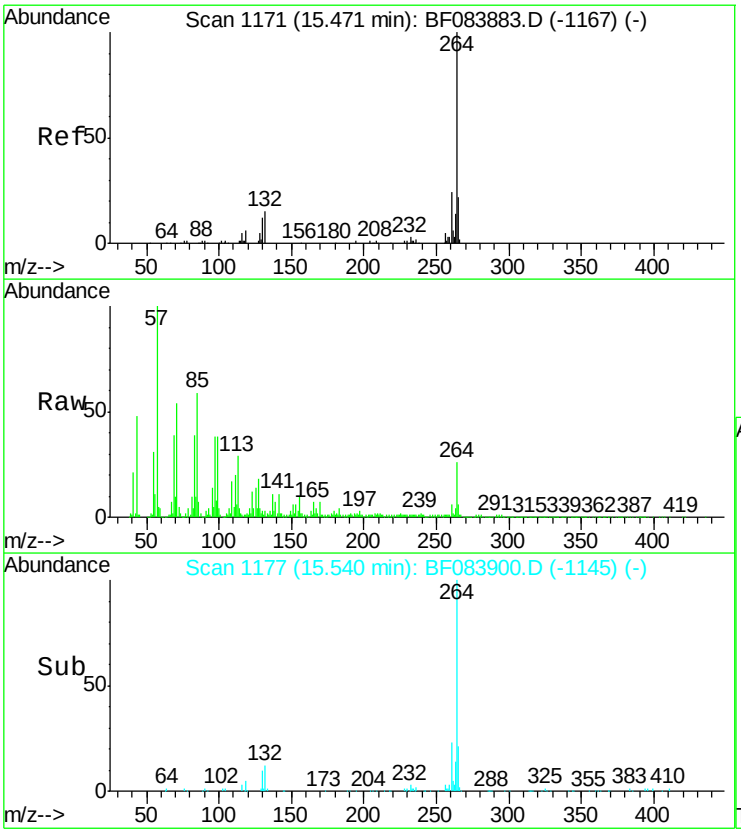
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.91 ng
RT: 16.99 min Scan# 1304
Delta R.T. 0.09 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:276 Resp: 29207

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.6	30.8
277	26.5	20.1	30.1

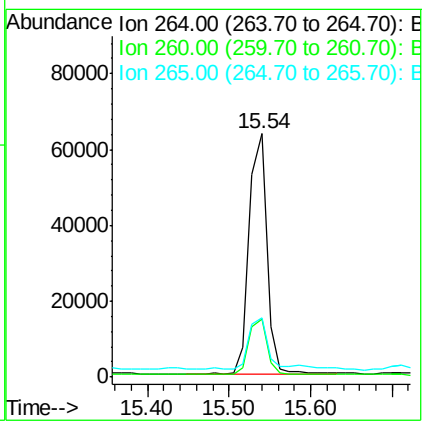


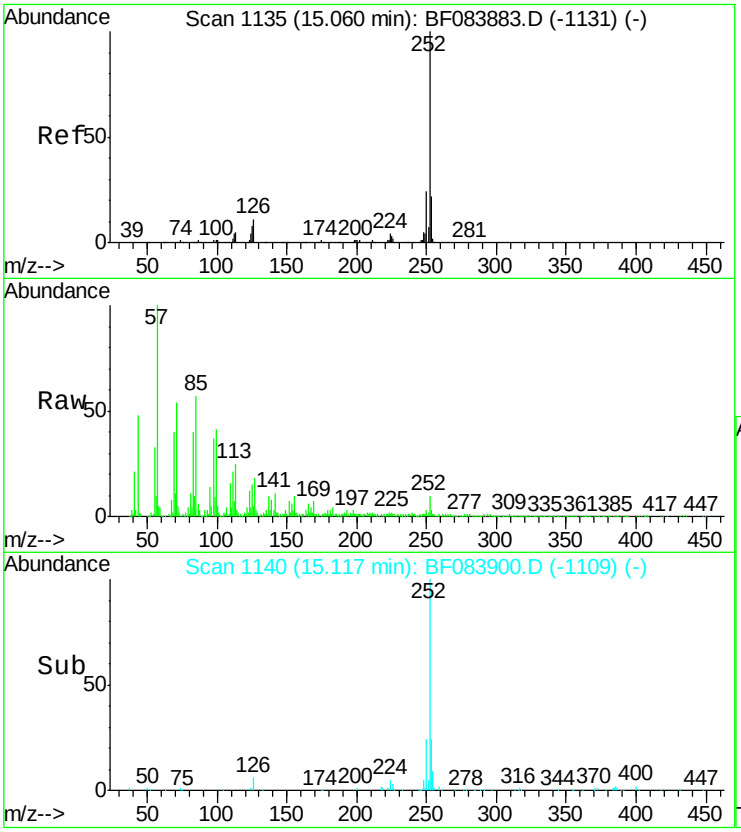


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1177
Delta R.T. 0.07 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:264 Resp: 95576

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	24.1	17.8	26.6



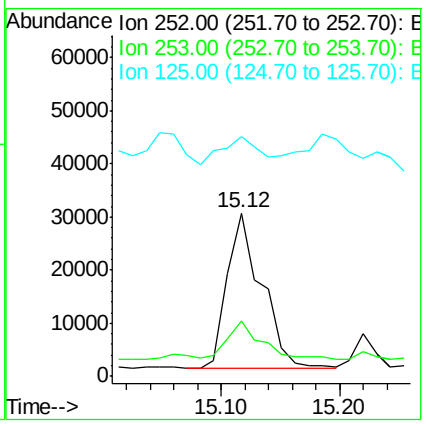


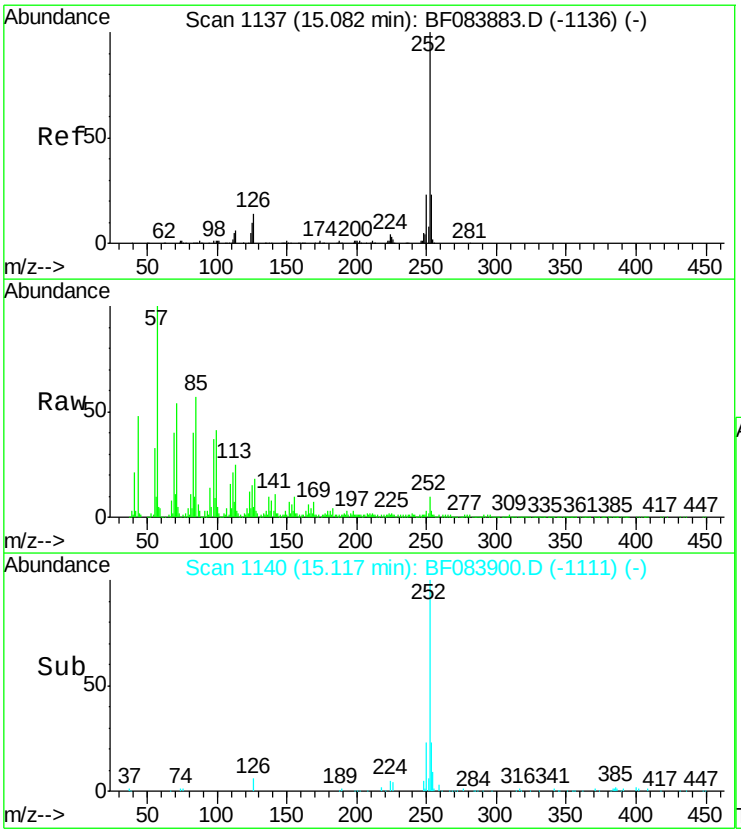
#87
Benzo(b)fluoranthene
Concen: 8.52 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.06 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:252 Resp: 59334

Ion	Ratio	Lower	Upper
252	100		
253	33.6	17.3	25.9#
125	146.6	6.5	9.7#

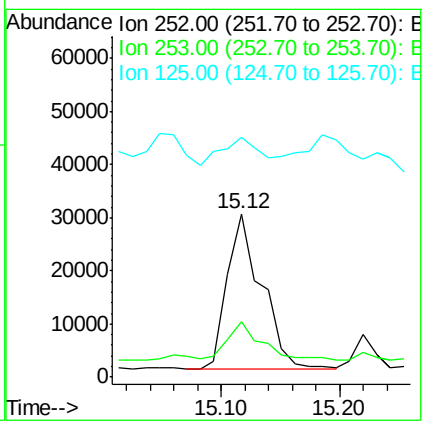


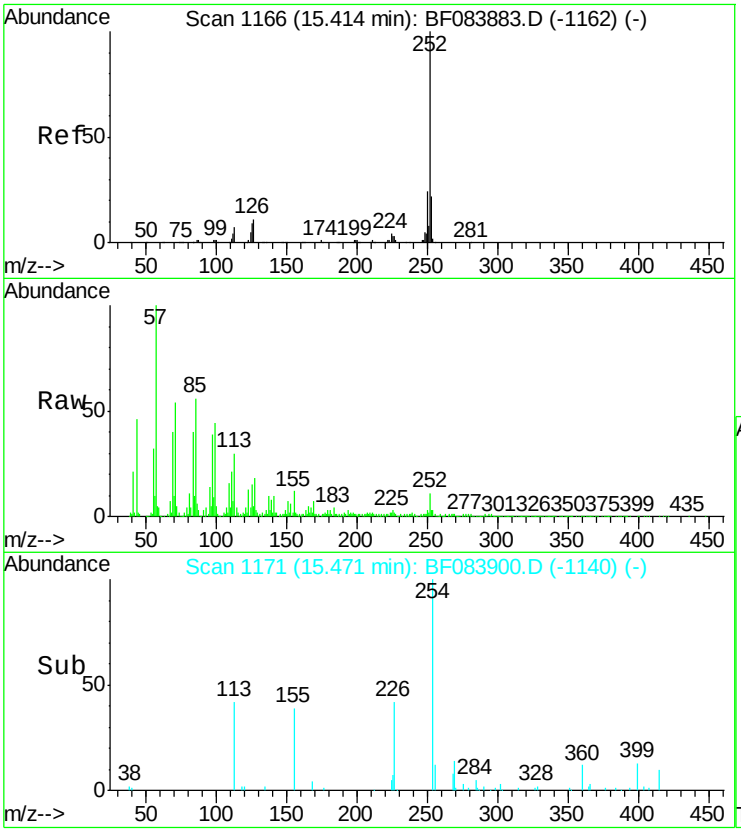


#88
Benzo(k)fluoranthene
Concen: 10.32 ng
RT: 15.12 min Scan# 1140
Delta R.T. 0.03 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:252 Resp: 59334

Ion	Ratio	Lower	Upper
252	100		
253	33.6	18.1	27.1#
125	146.6	9.0	13.6#



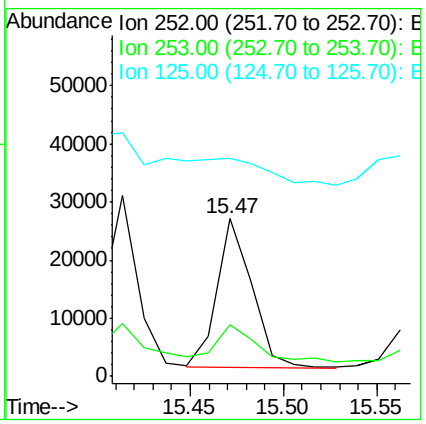


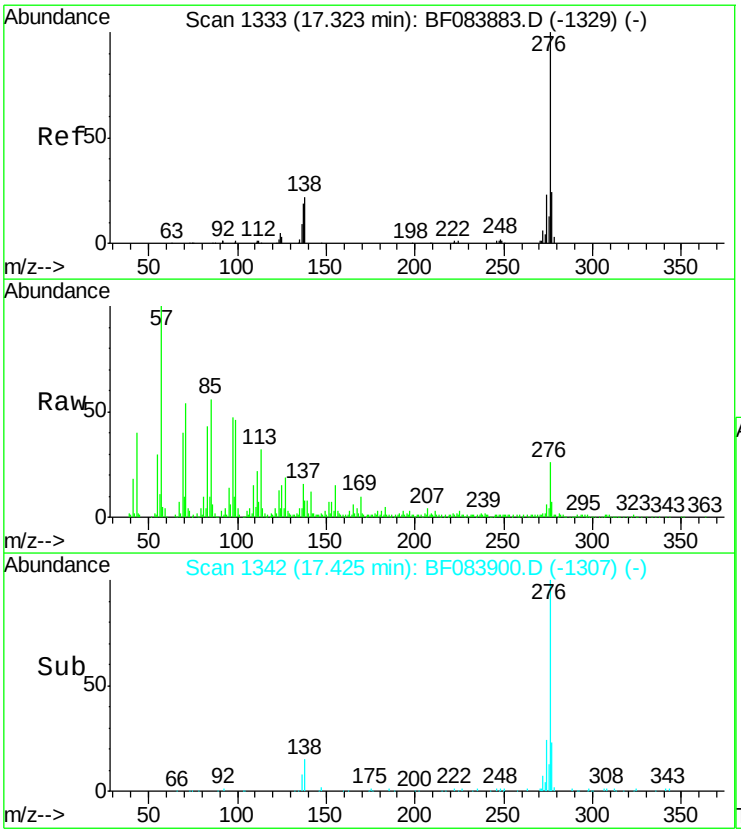
#89
Benzo(a)pyrene
Concen: 5.85 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.06 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Instrument :
BNA_F
ClientSampleId :
K210-0-2

Tgt Ion:252 Resp: 33673

Ion	Ratio	Lower	Upper
252	100		
253	32.4	17.3	25.9#
125	138.6	7.0	10.4#





#91
Benzo(g,h,i)perylene
Concen: 12.80 ng
RT: 17.43 min Scan# 1342
Delta R.T. 0.10 min
Lab File: BF083900.D
Acq: 18 Dec 2015 6:40

Tgt Ion:276 Resp: 56176

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.8	28.2
138	30.0	17.8	26.6#