Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081923.D
Acq On : 1 Oct 2015 1:54
Operator : UM/IZ
Sample : G3846-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 013-TB-11(0-4)

Quant Time: Oct 01 03:57:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	120669	20.00	ng		-0.03
21) Naphthalene-d8	8.19	136	473516	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	215299	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	383707	20.00	ng		-0.03
75) Chrysene-d12	14.08	240	310453	20.00	ng		-0.03
86) Perylene-d12	15.53	264	301980	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	776674	116.84	ng		-0.01
7) Phenol-d6	6.54	99	1034098	123.63	ng		-0.02
23) Nitrobenzene-d5	7.47	82	691071	97.29	ng		-0.02
41) 2,4,6-Tribromophenol	10.74	330	277329	127.19	ng		-0.02
44) 2-Fluorobiphenyl	9.27	172	1060700	81.85	ng		-0.03
78) Terphenyl-d14	13.02	244	863835	91.93	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.47	70	88110	17.33	ng	#	57
25) Isophorone	7.47	82	532658	37.83	ng	#	58
49) Dimethylphthalate	9.67	163	335454	22.57	ng	#	97
56) 2,4-Dinitrotoluene	9.94	165	27368	6.65	ng	#	32
57) Fluorene	10.49	166	7713	Below Cal			88
66) 4-Bromophenyl-phenylether	10.74	248	17004	4.40	ng	#	1
70) Phenanthrene	11.46	178	174043	8.06	ng		97
71) Anthracene	11.51	178	41305	2.12	ng		95
72) Carbazole	11.67	167	37353	2.12	ng		96
73) Di-n-butylphthalate	11.99	149	1747	Below Cal		#	73
74) Fluoranthene	12.65	202	345747	16.82	ng		87
77) Pyrene	12.88	202	246012	13.26	ng		98
80) Benzo(a)anthracene	14.07	228	137692	8.24	ng		94
82) Chrysene	14.07	228	137692	7.30	ng		95
87) Benzo(b)fluoranthene	15.11	252	247796	14.37	ng	#	87
88) Benzo(k)fluoranthene	15.11	252	247796	15.68	ng	#	88
89) Benzo(a)pyrene	15.46	252	103703	6.93	ng	#	87
91) Benzo(g,h,i)perylene	17.40	276	54862	4.27	ng	#	79

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

Quantitation Report (Not Reviewed)

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Acq On : 1 Oct 2015 1:54
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Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

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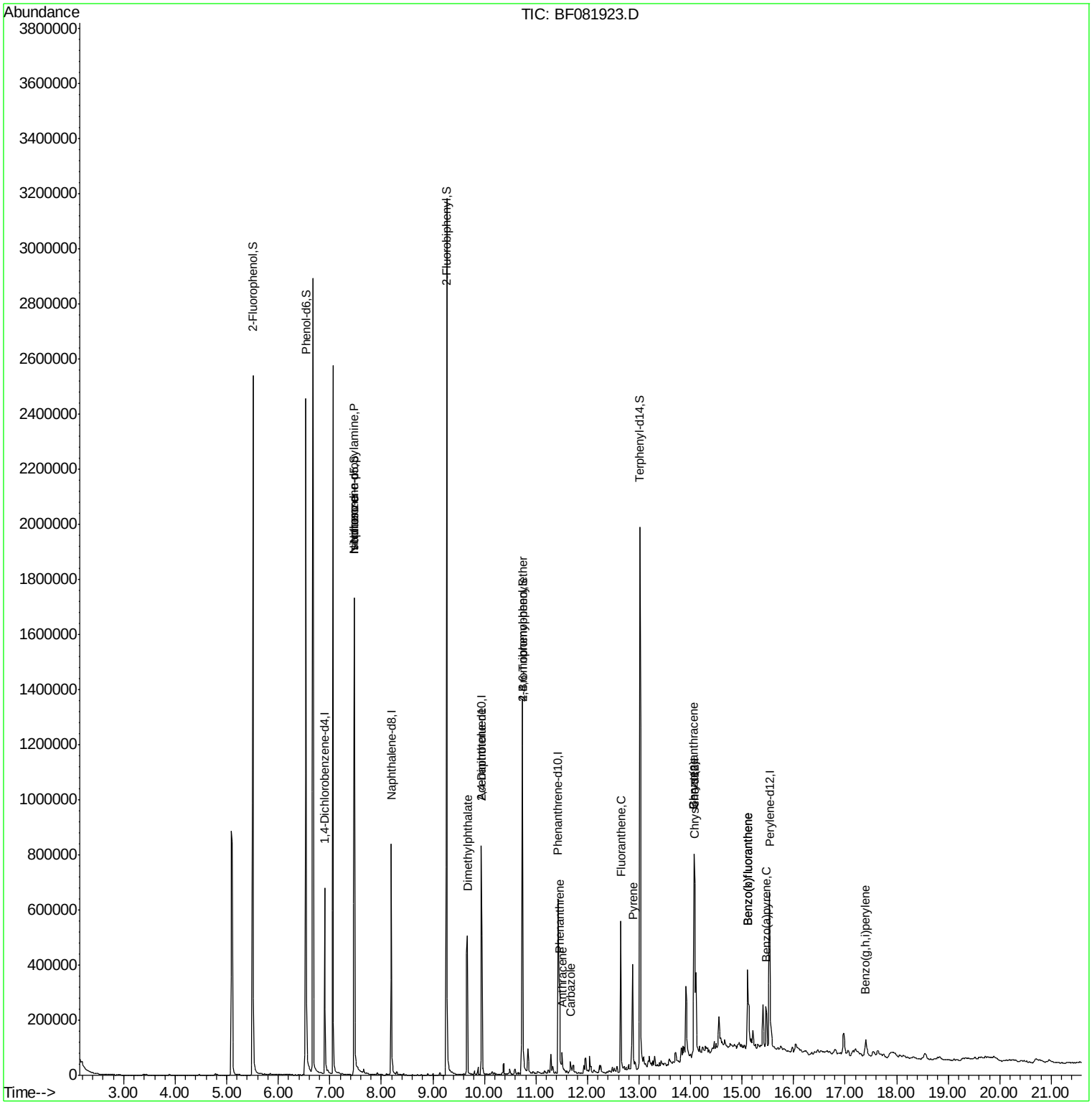
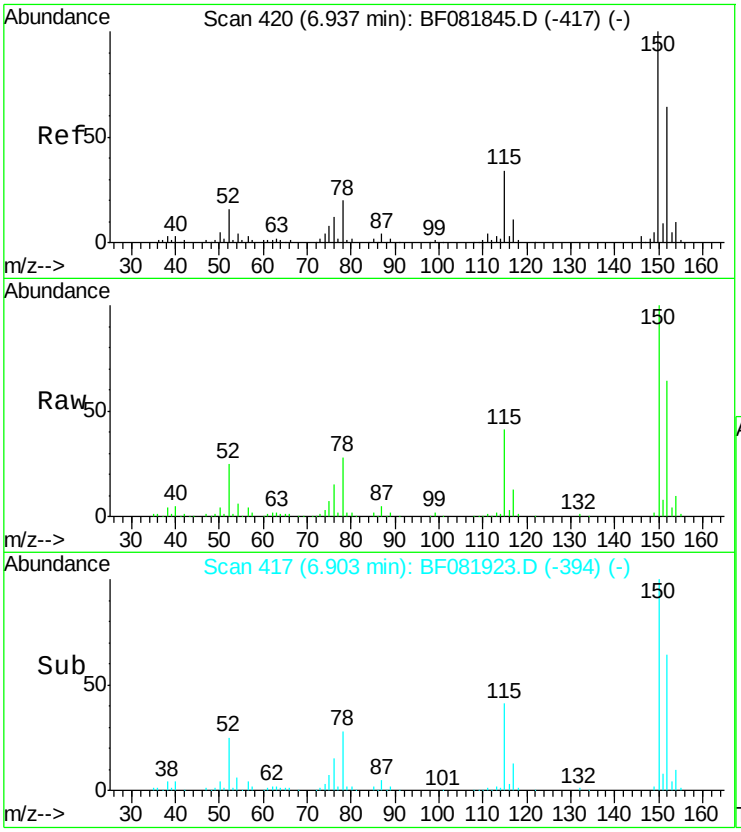
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration



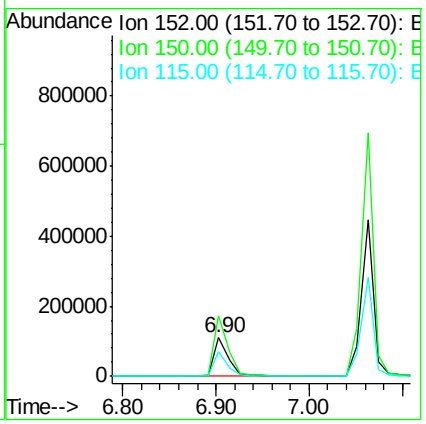


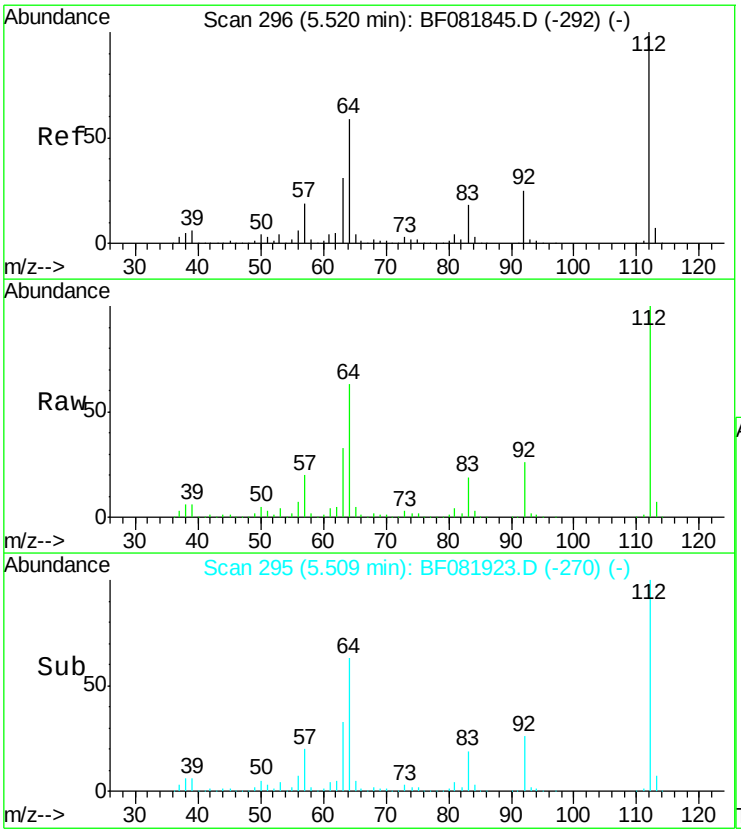
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:152 Resp: 120669

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.7	187.1
115	64.6	39.0	58.4#

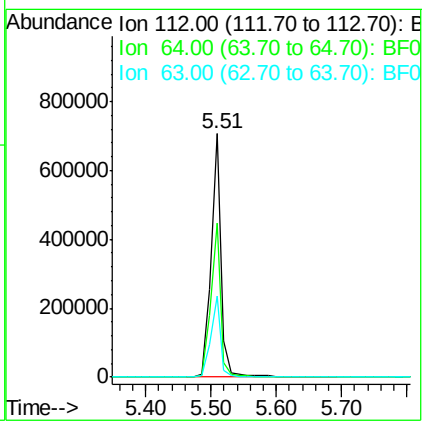


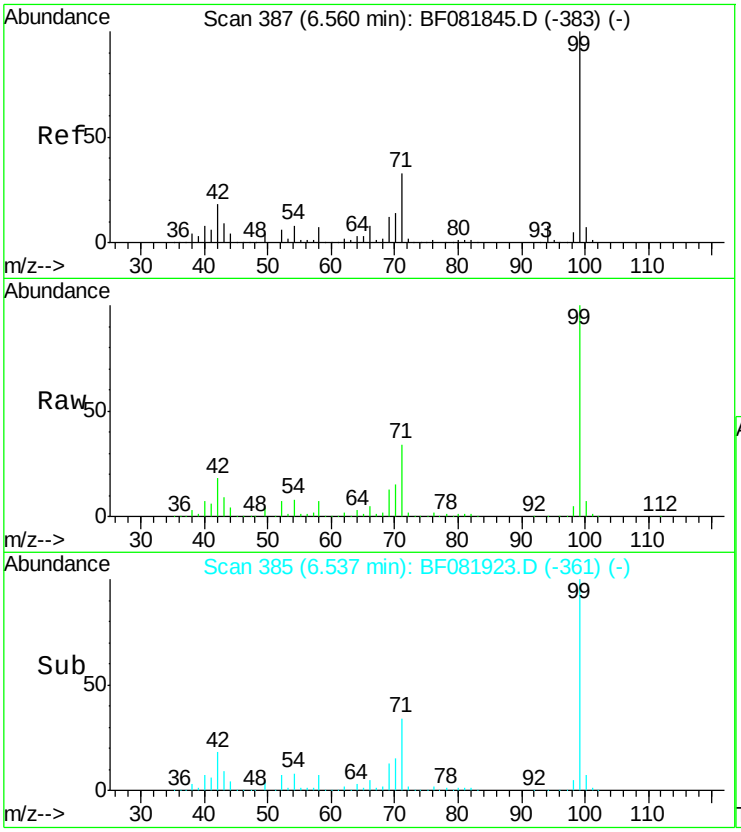


#5
2-Fluorophenol
Concen: 116.84 ng
RT: 5.51 min Scan# 295
Delta R.T. -0.01 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:112 Resp: 776674

Ion	Ratio	Lower	Upper
112	100		
64	63.2	39.7	59.5#
63	33.2	17.4	26.0#



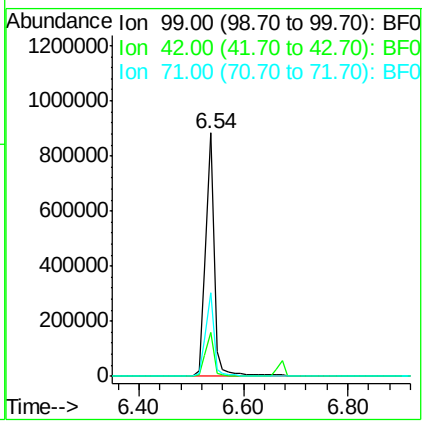


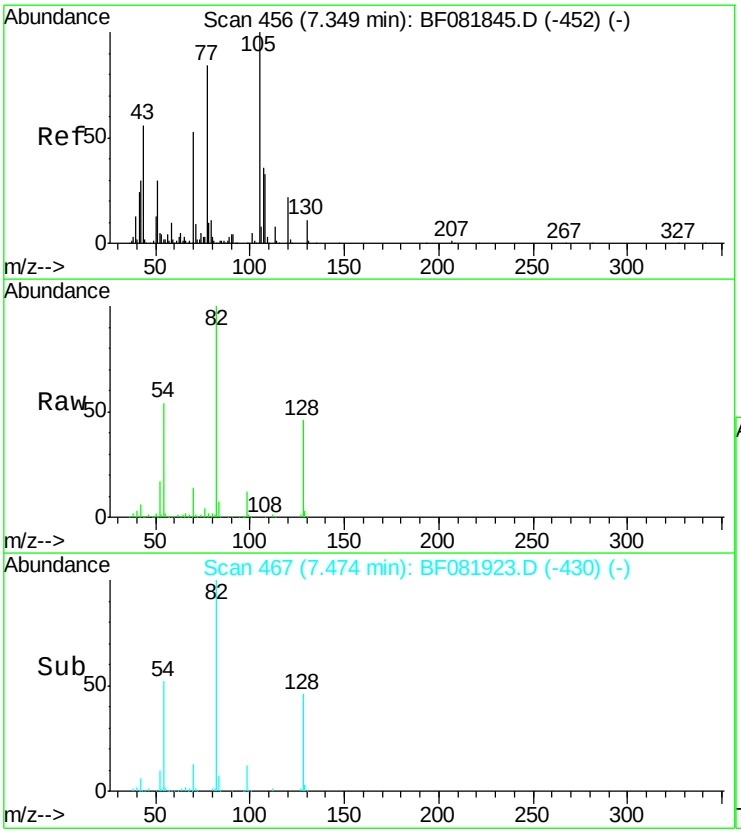
#7
Phenol-d6
Concen: 123.63 ng
RT: 6.54 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion: 99 Resp: 1034098

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.7	20.5
71	34.1	14.2	21.2#

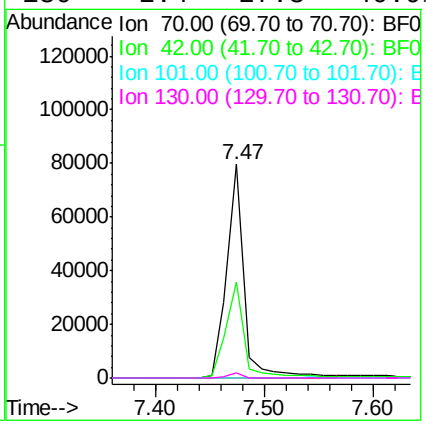


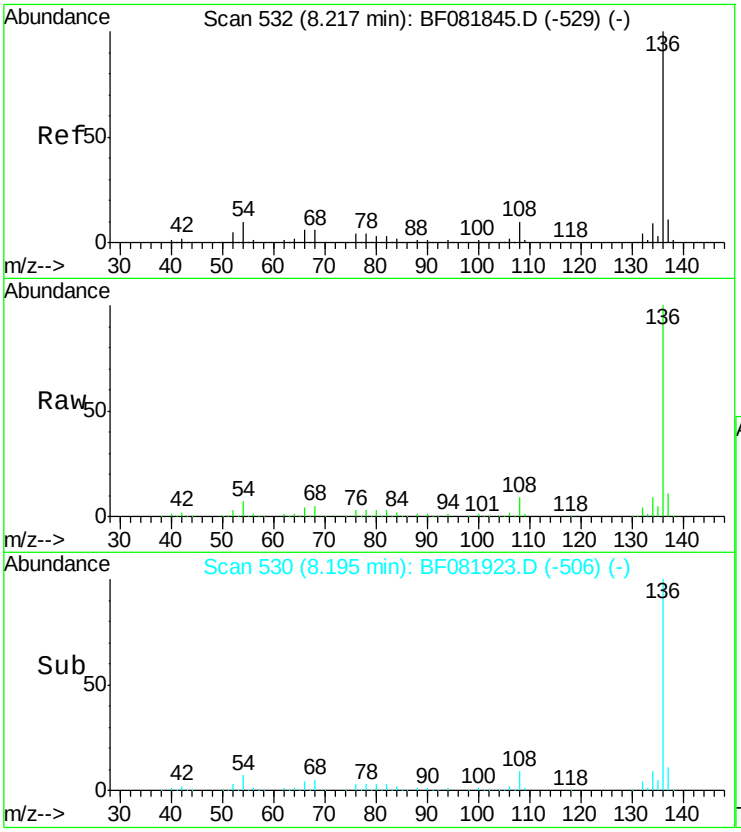


#19
n-Nitroso-di-n-propylamine
Concen: 17.33 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion: 70 Resp: 88110

Ion	Ratio	Lower	Upper
70	100		
42	44.8	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



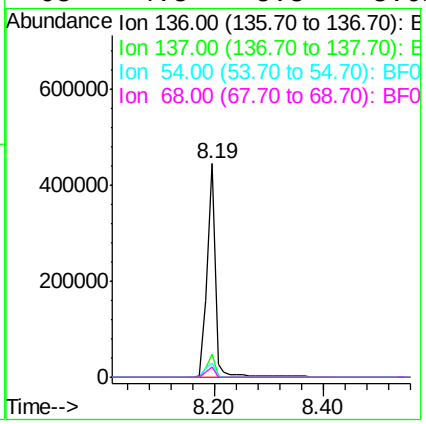


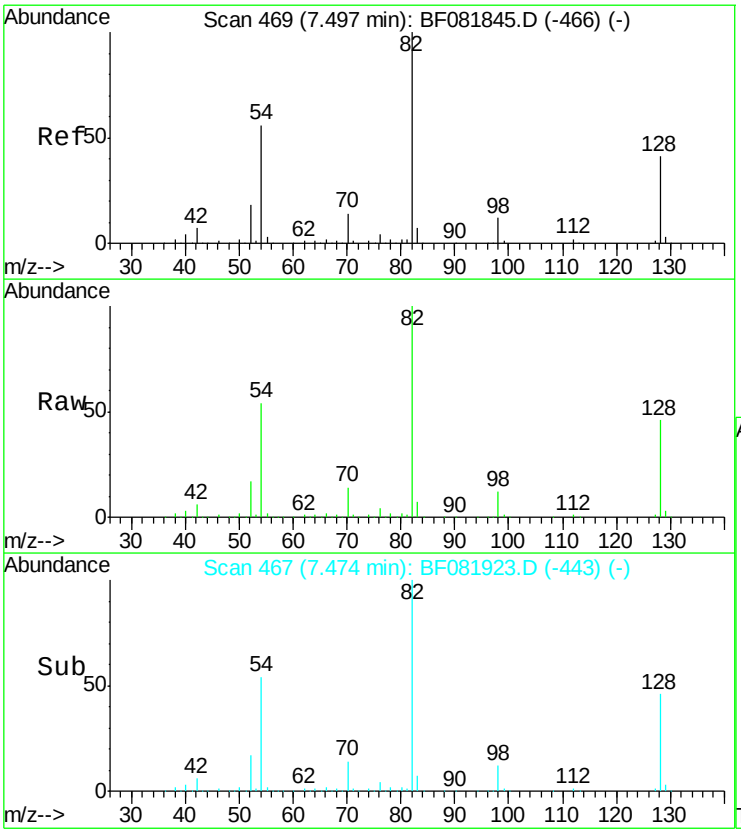
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:136 Resp: 473516

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.7	8.2	12.2#
68	4.8	5.8	8.6#

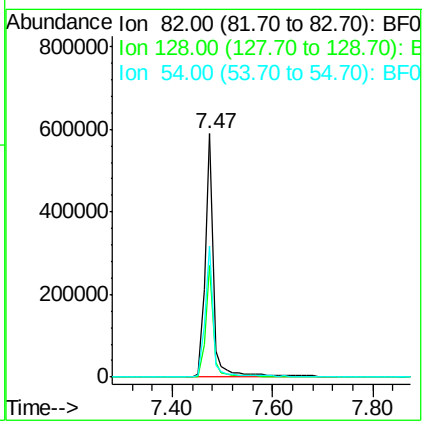


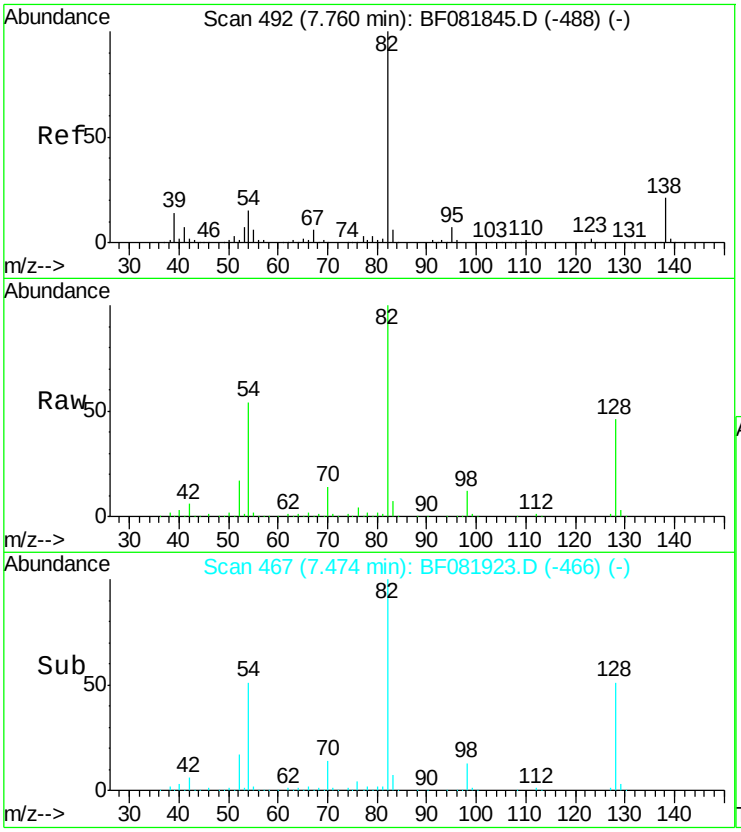


#23
Nitrobenzene-d5
Concen: 97.29 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion: 82 Resp: 691071

Ion	Ratio	Lower	Upper
82	100		
128	46.0	51.0	76.6#
54	53.8	47.5	71.3



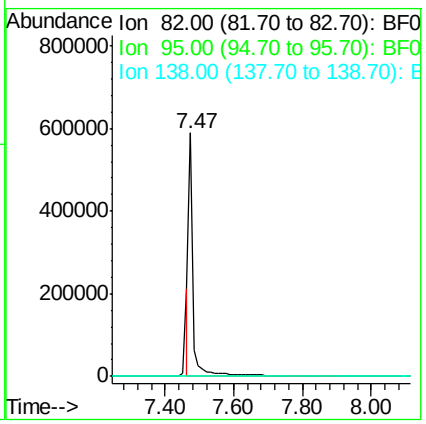


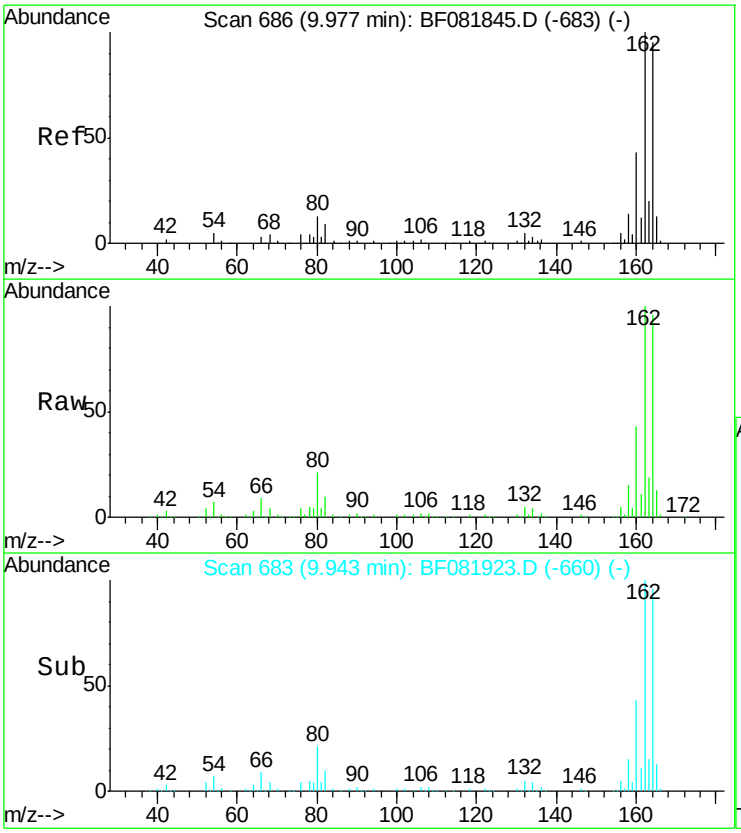
#25
Isophorone
Concen: 37.83 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.29 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion: 82 Resp: 532658

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

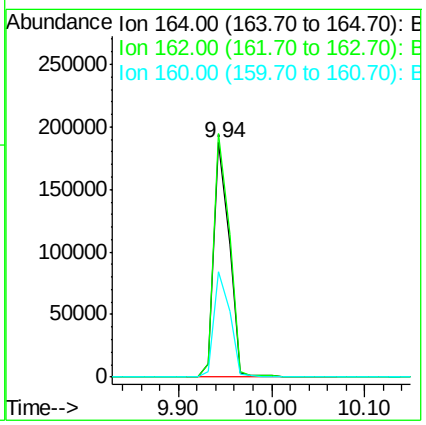


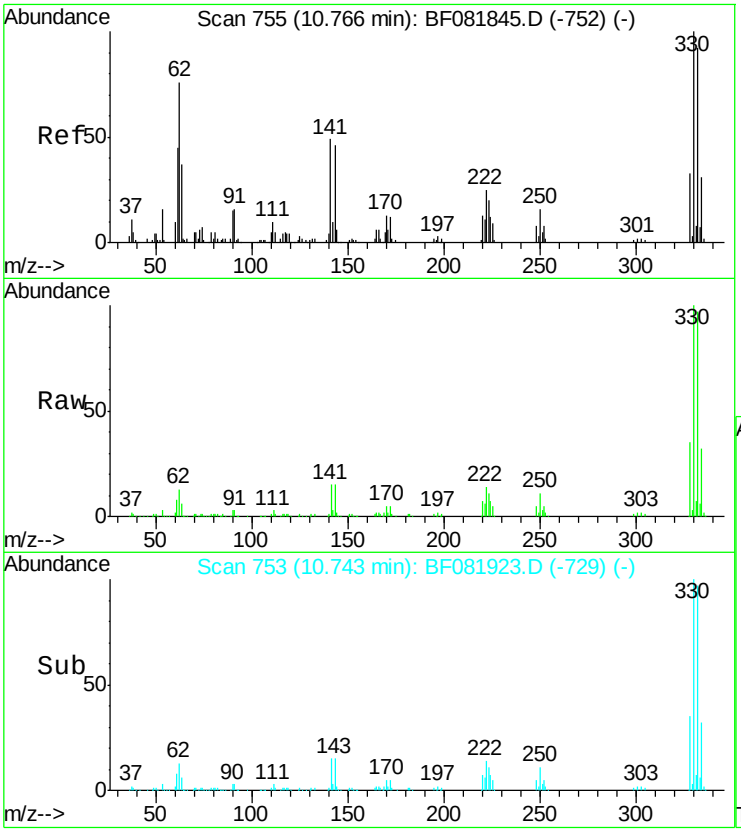


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:164 Resp: 215299

Ion	Ratio	Lower	Upper
164	100		
162	103.9	75.2	112.8
160	44.8	31.5	47.3



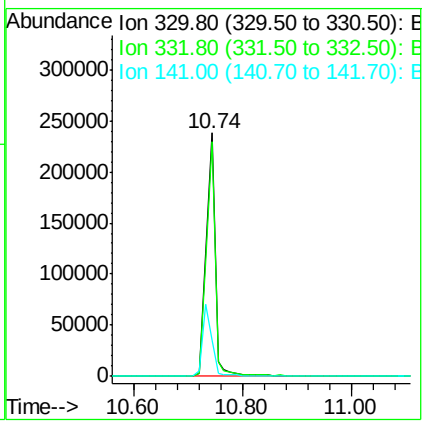


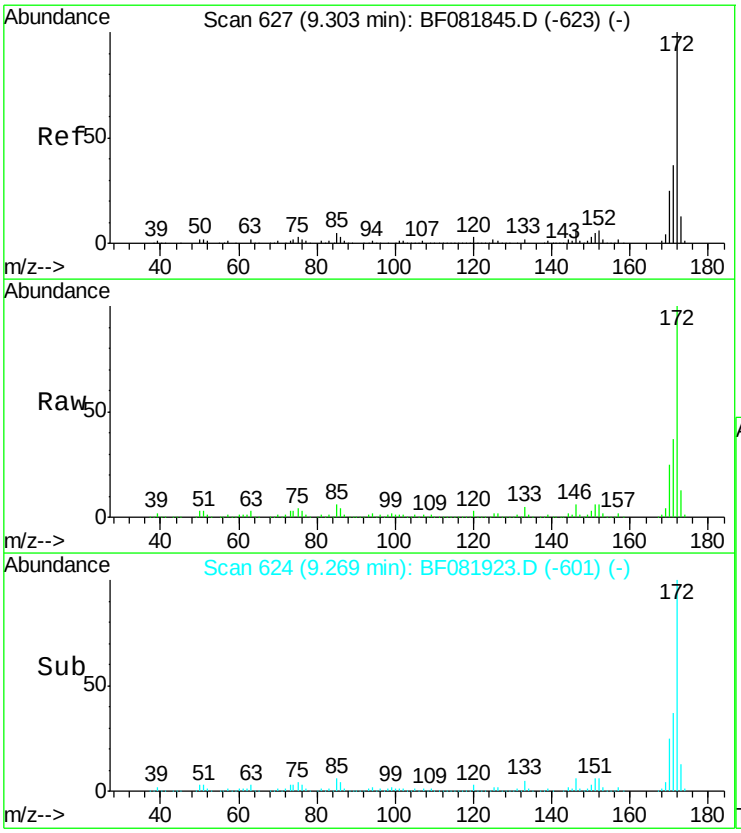
#41
2,4,6-Tribromophenol
Concen: 127.19 ng
RT: 10.74 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:330 Resp: 277329

Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	114.8
141	30.1	29.7	44.5

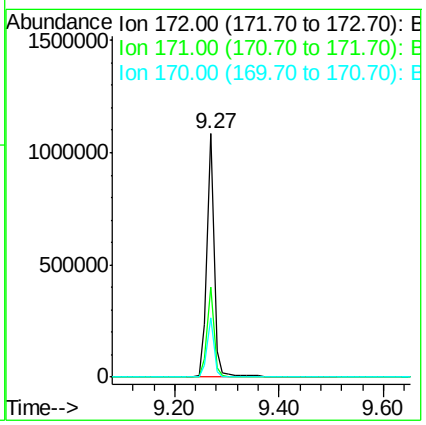


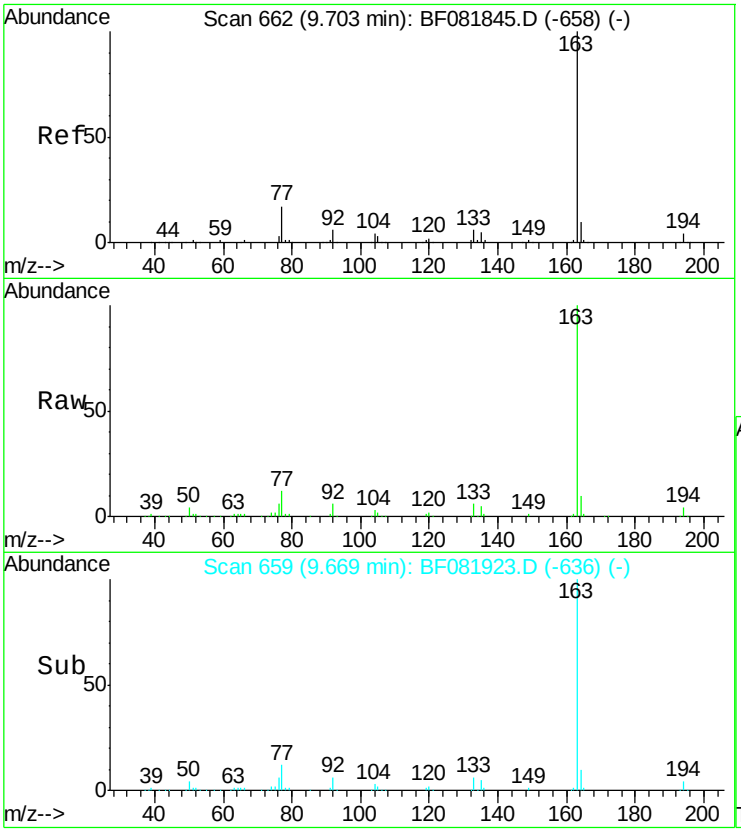


#44
2-Fluorobiphenyl
Concen: 81.85 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:172 Resp: 1060700

Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.1	39.1
170	24.6	17.4	26.2



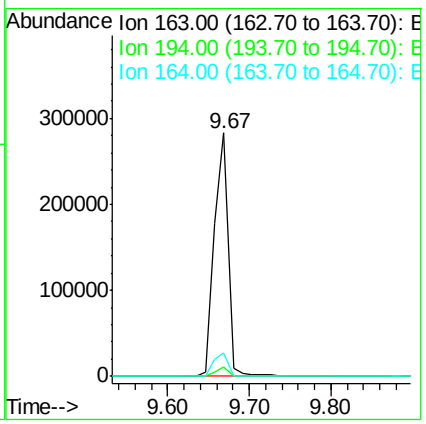


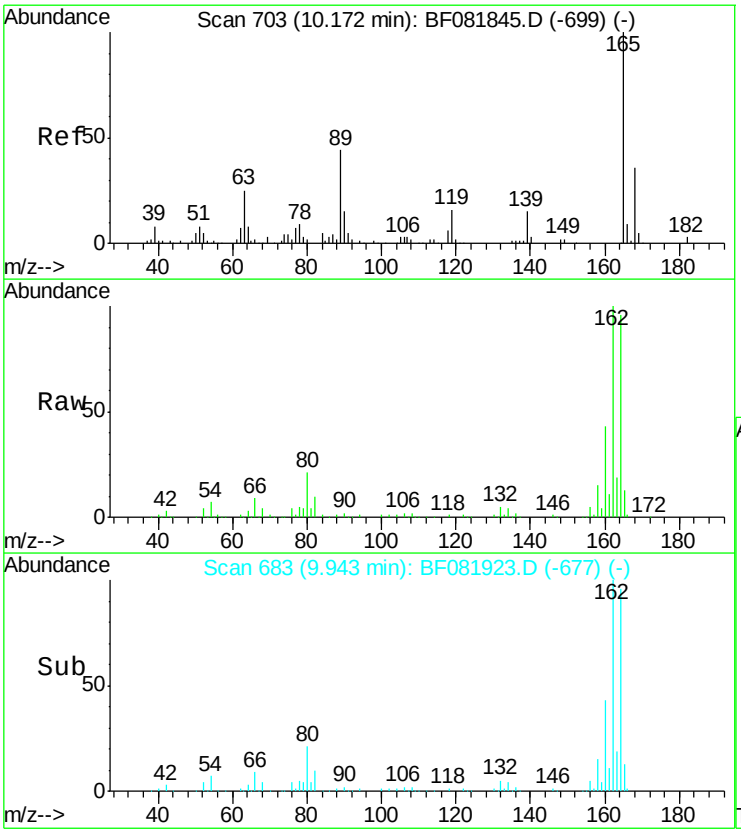
#49
Dimethylphthalate
Concen: 22.57 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:163 Resp: 335454

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	9.6	8.3	12.5

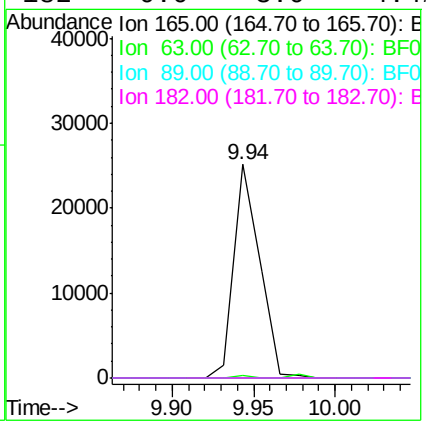


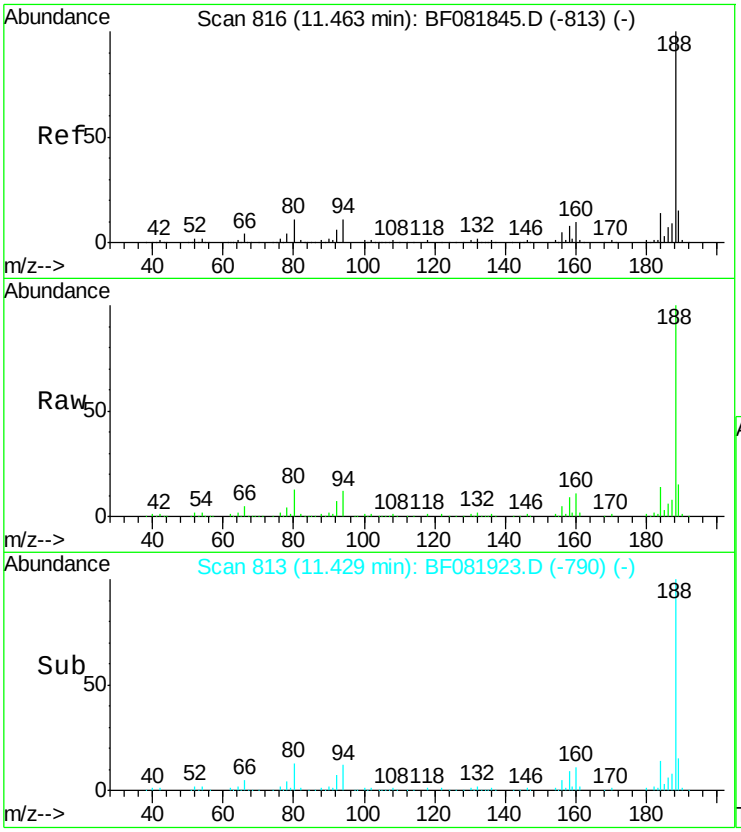


#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.23 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:165 Resp: 27368

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



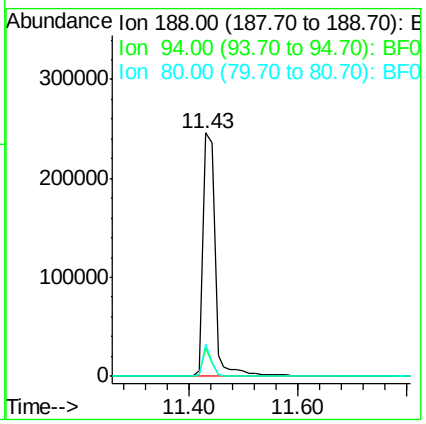


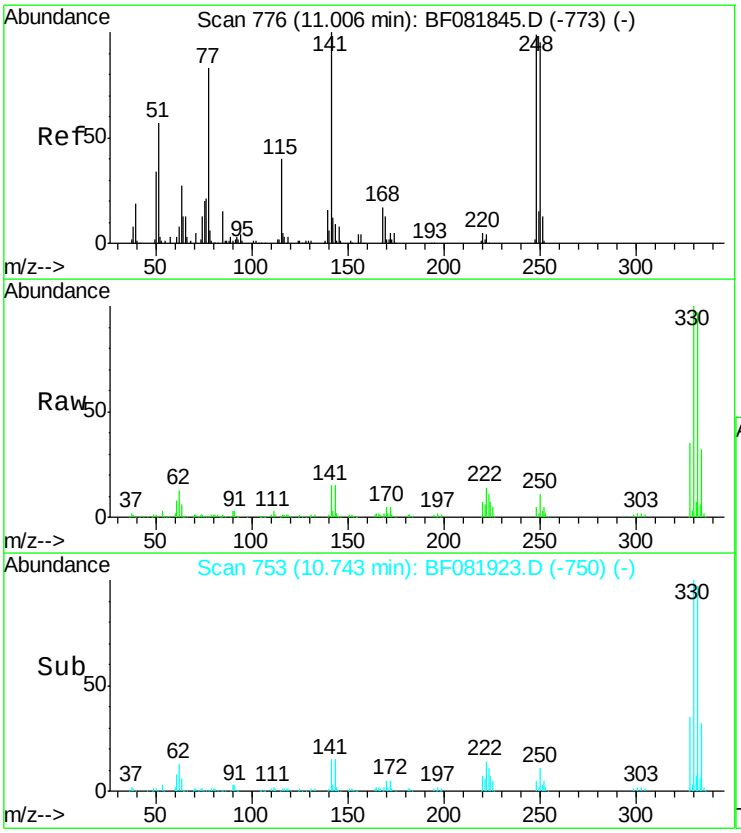
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:188 Resp: 383707

Ion	Ratio	Lower	Upper
188	100		
94	11.8	11.1	16.7
80	13.5	11.0	16.4

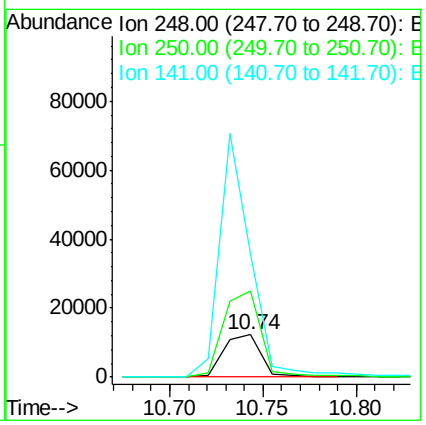


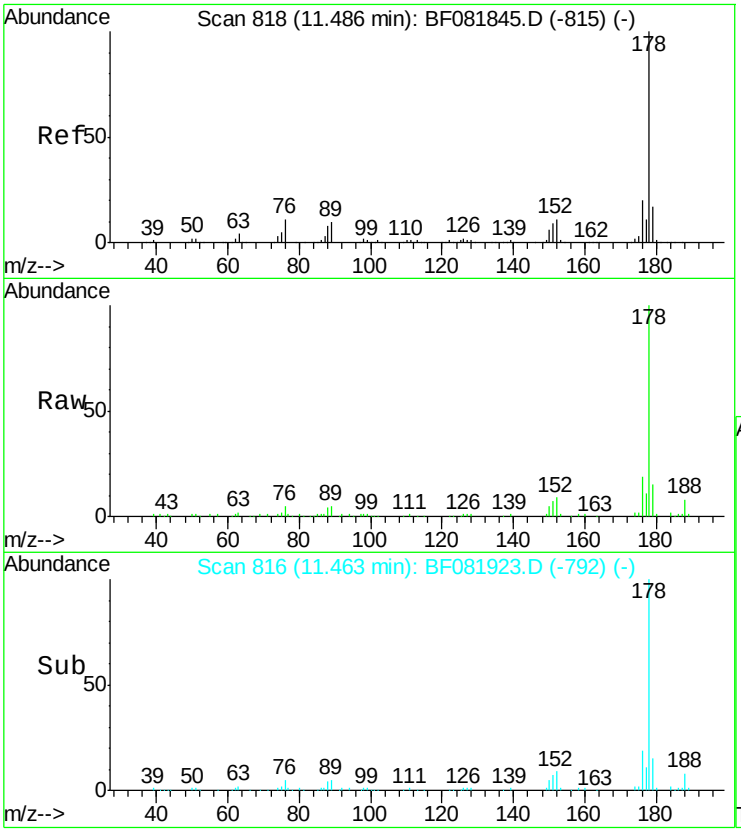


#66
4-Bromophenyl-phenylether
Concen: 4.40 ng
RT: 10.74 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:248 Resp: 17004

Ion	Ratio	Lower	Upper
248	100		
250	203.3	78.5	117.7#
141	289.1	59.0	88.6#



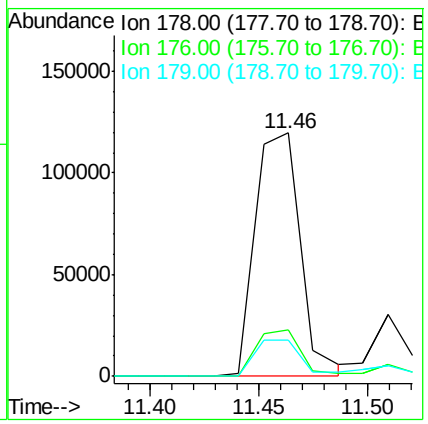


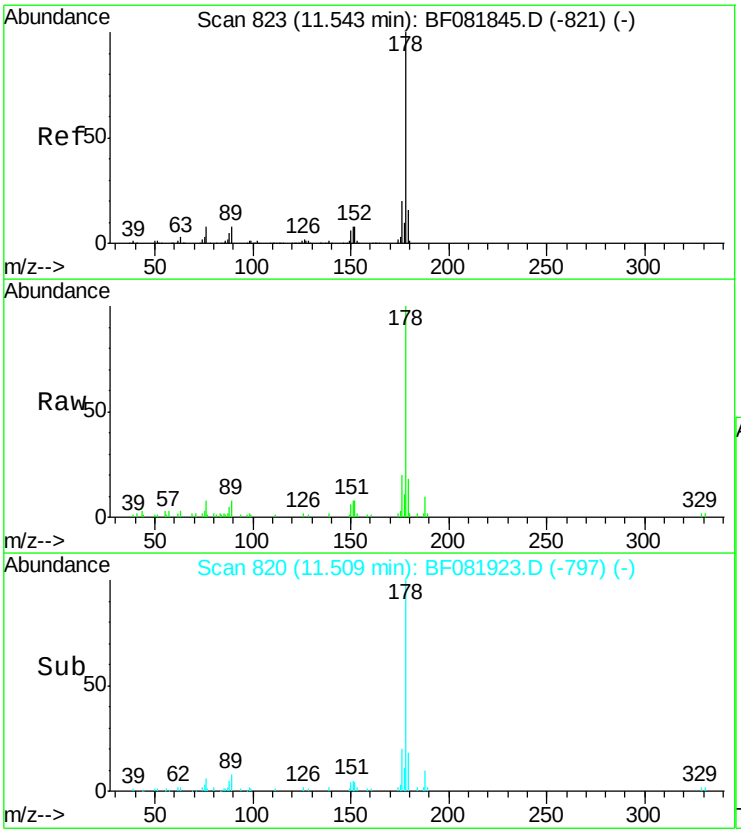
#70
Phenanthrene
Concen: 8.06 ng
RT: 11.46 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:178 Resp: 174043

Ion	Ratio	Lower	Upper
178	100		
176	19.0	13.8	20.8
179	14.8	12.2	18.2

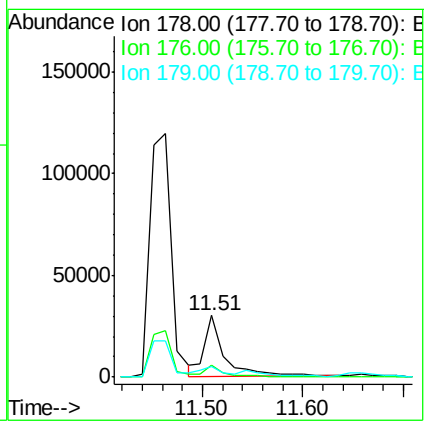


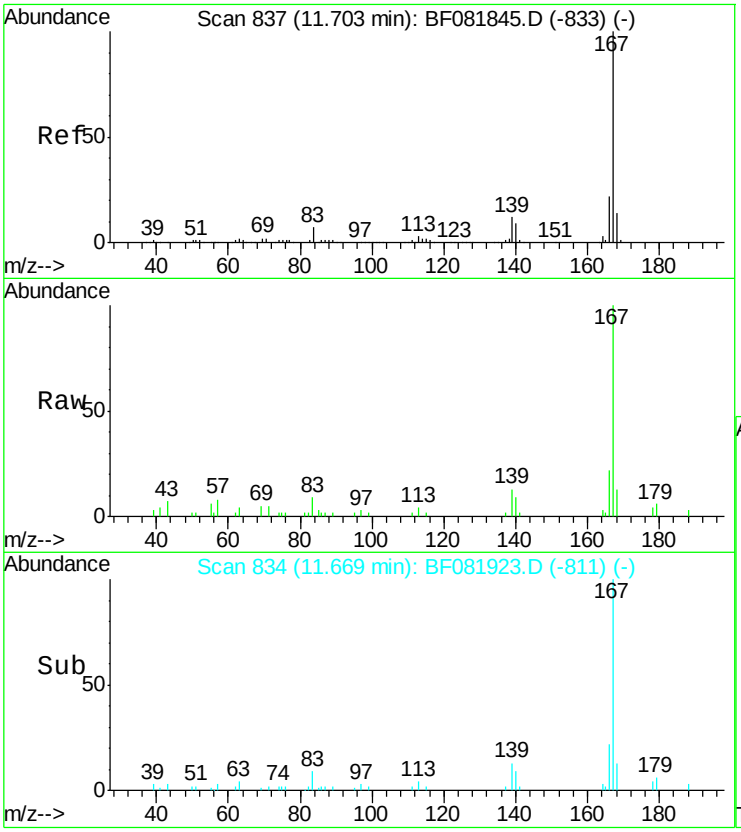


#71
Anthracene
Concen: 2.12 ng
RT: 11.51 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:178 Resp: 41305

Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.1	21.1
179	17.5	12.2	18.2



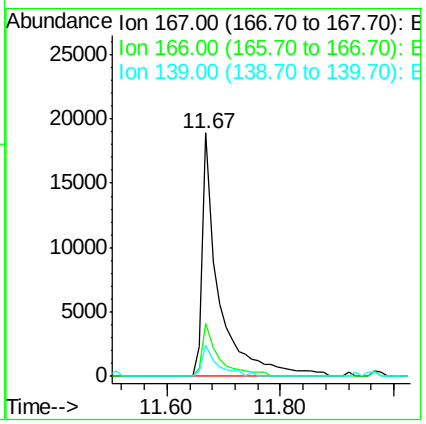


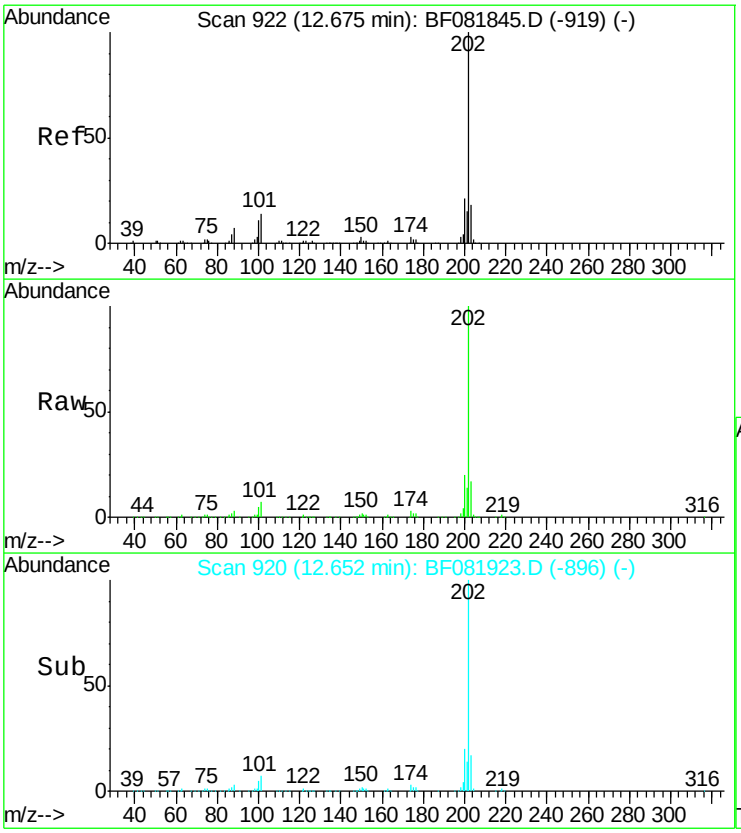
#72
Carbazole
Concen: 2.12 ng
RT: 11.67 min Scan# 834
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:167 Resp: 37353

Ion	Ratio	Lower	Upper
167	100		
166	21.6	15.7	23.5
139	12.6	9.5	14.3

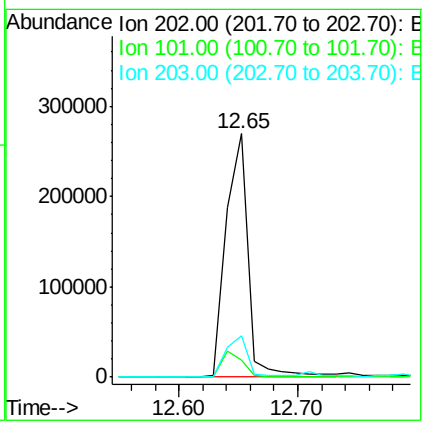


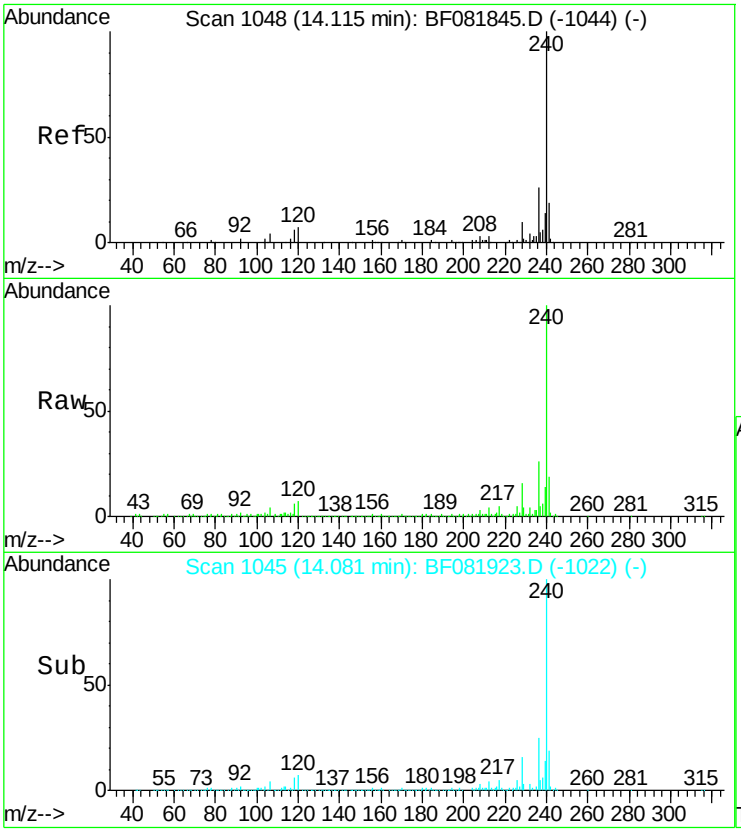


#74
Fluoranthene
Concen: 16.82 ng
RT: 12.65 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:202 Resp: 345747

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	38.3
203	17.0	0.0	37.3



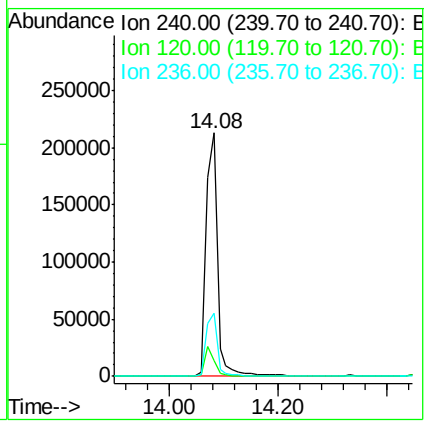


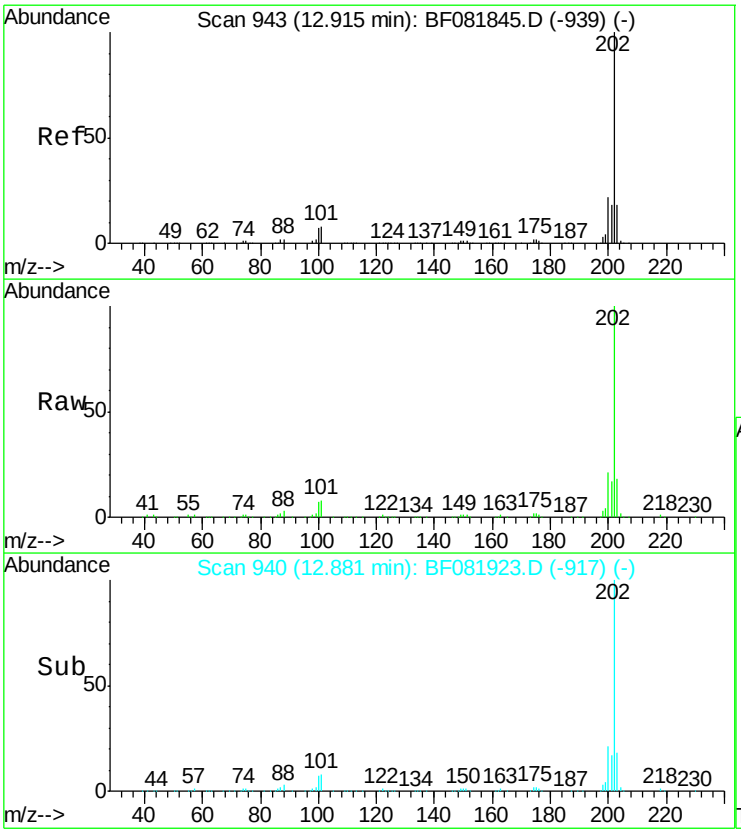
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:240 Resp: 310453

Ion	Ratio	Lower	Upper
240	100		
120	6.5	16.2	24.2#
236	25.8	18.4	27.6

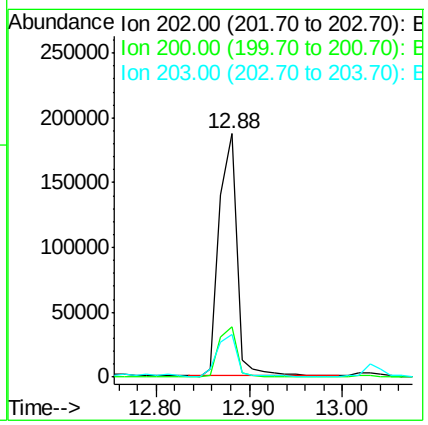


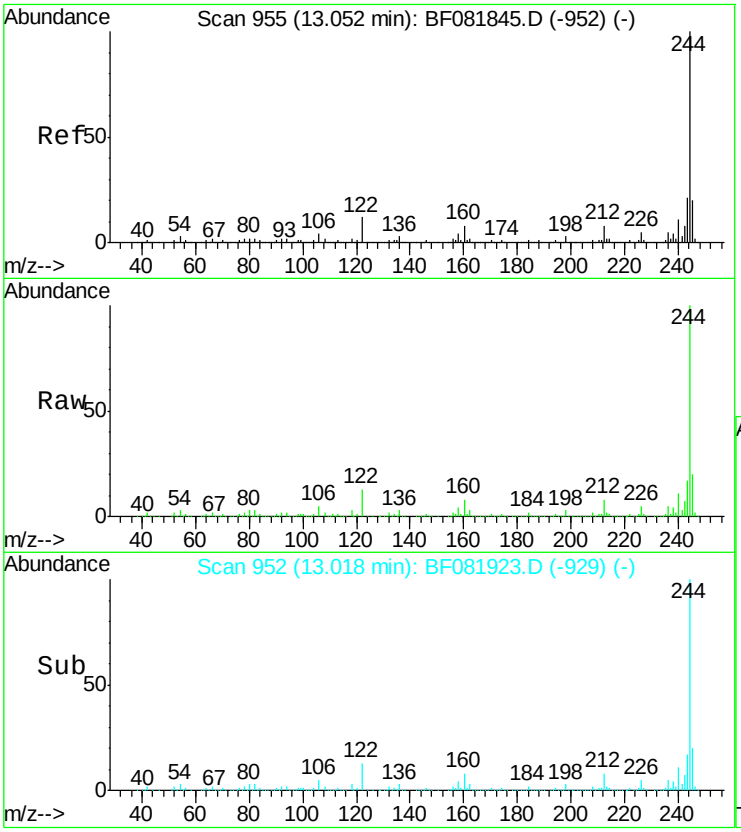


#77
Pyrene
Concen: 13.26 ng
RT: 12.88 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:202 Resp: 246012

Ion	Ratio	Lower	Upper
202	100		
200	20.7	15.0	22.4
203	17.6	14.1	21.1



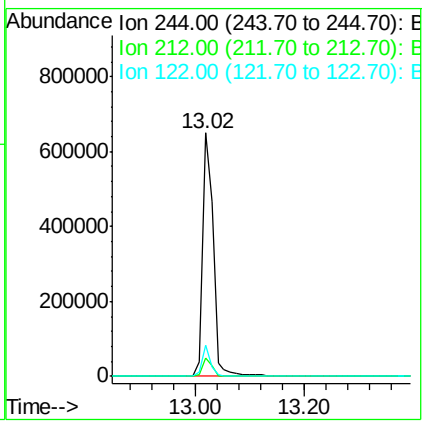


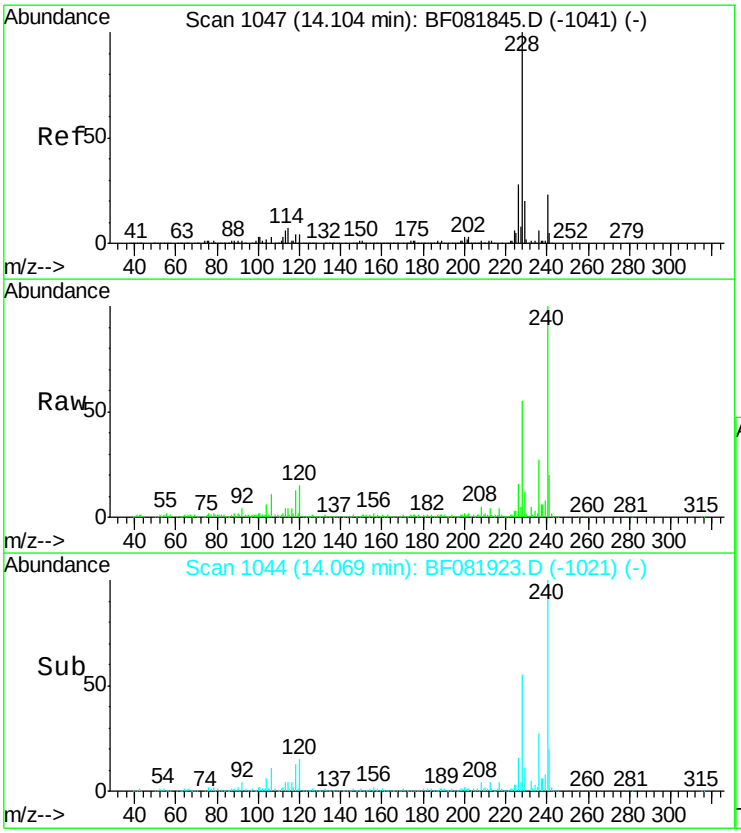
#78
Terphenyl-d14
Concen: 91.93 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:244 Resp: 863835

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.3	6.5#
122	13.0	17.4	26.2#

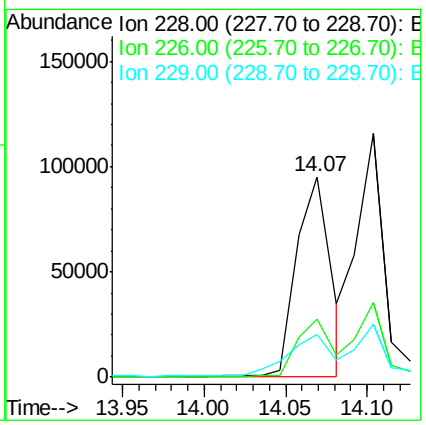


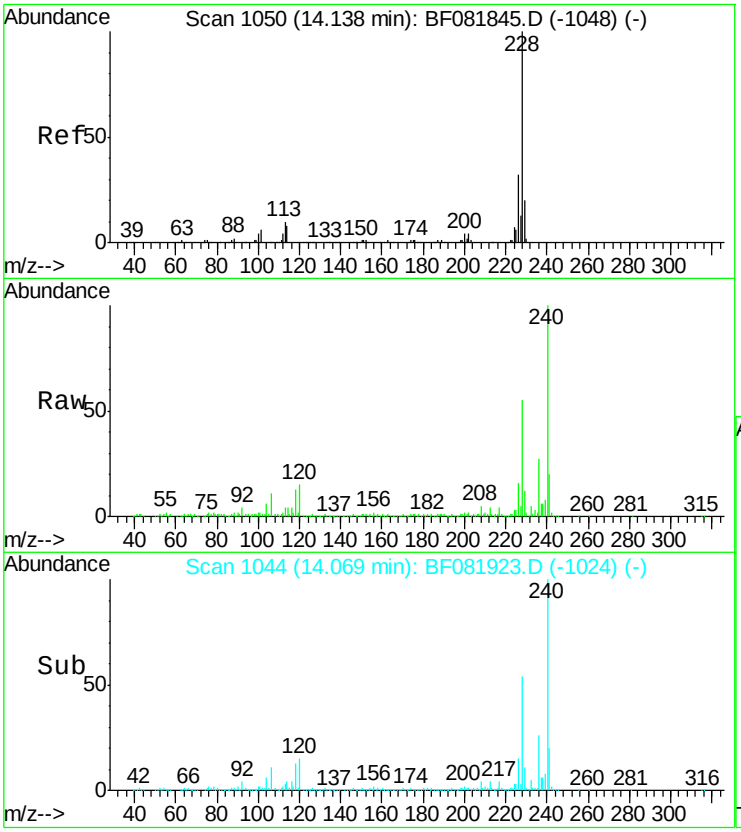


#80
Benzo(a)anthracene
Concen: 8.24 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:228 Resp: 137692

Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.0	30.0
229	21.0	15.4	23.2



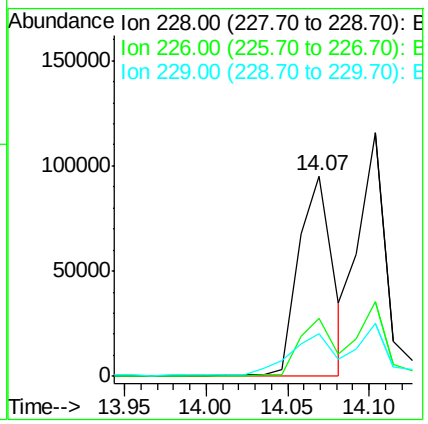


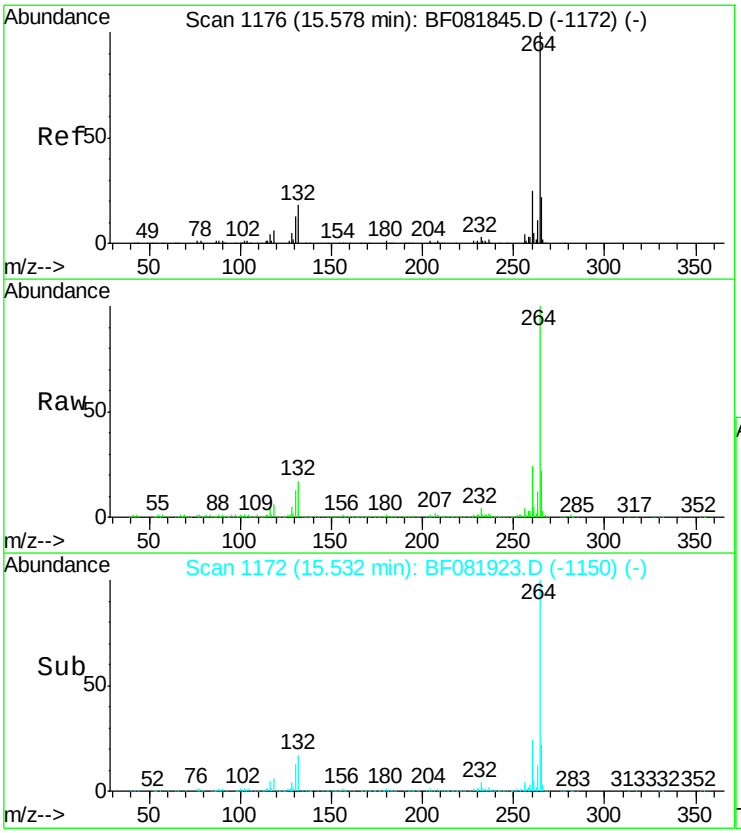
#82
Chrysene
Concen: 7.30 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.07 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:228 Resp: 137692

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.4
229	21.0	15.6	23.4

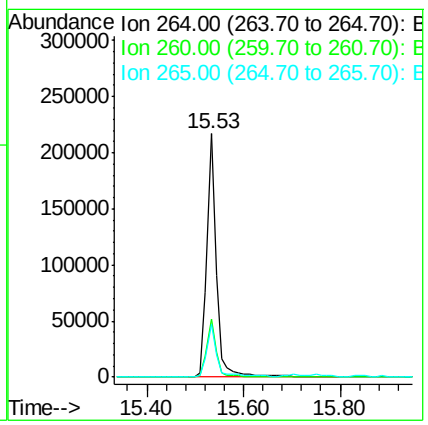


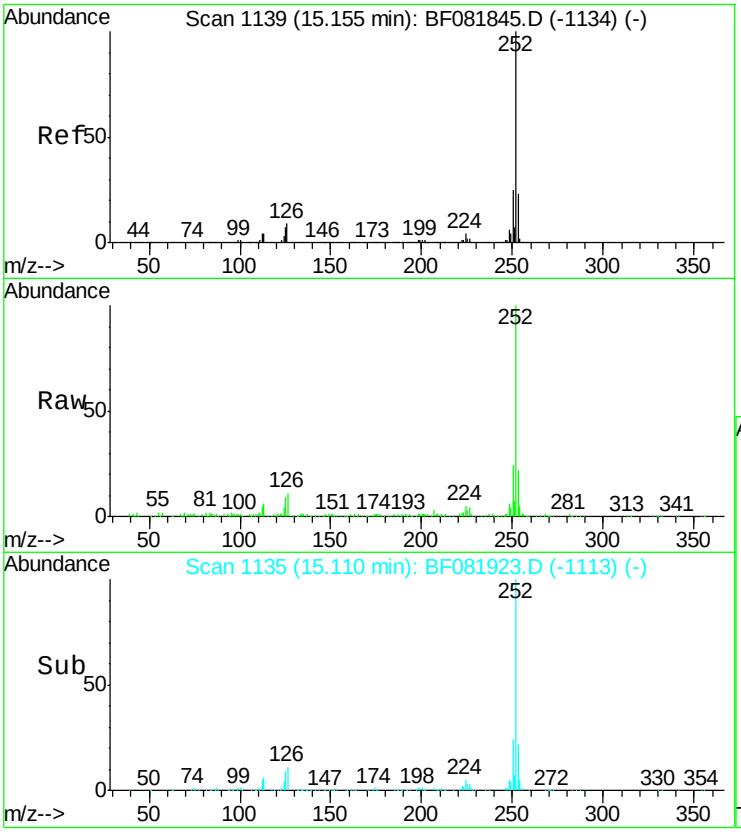


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 1172
Delta R.T. -0.05 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:264 Resp: 301980

Ion	Ratio	Lower	Upper
264	100		
260	24.0	16.7	25.1
265	21.7	17.2	25.8



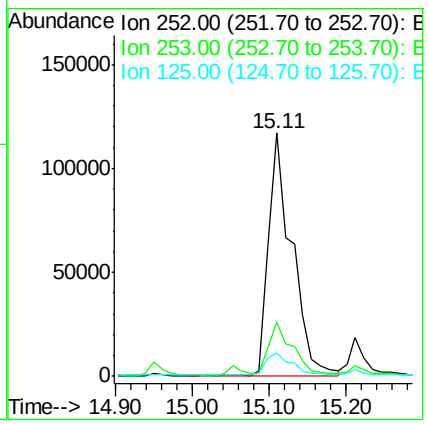


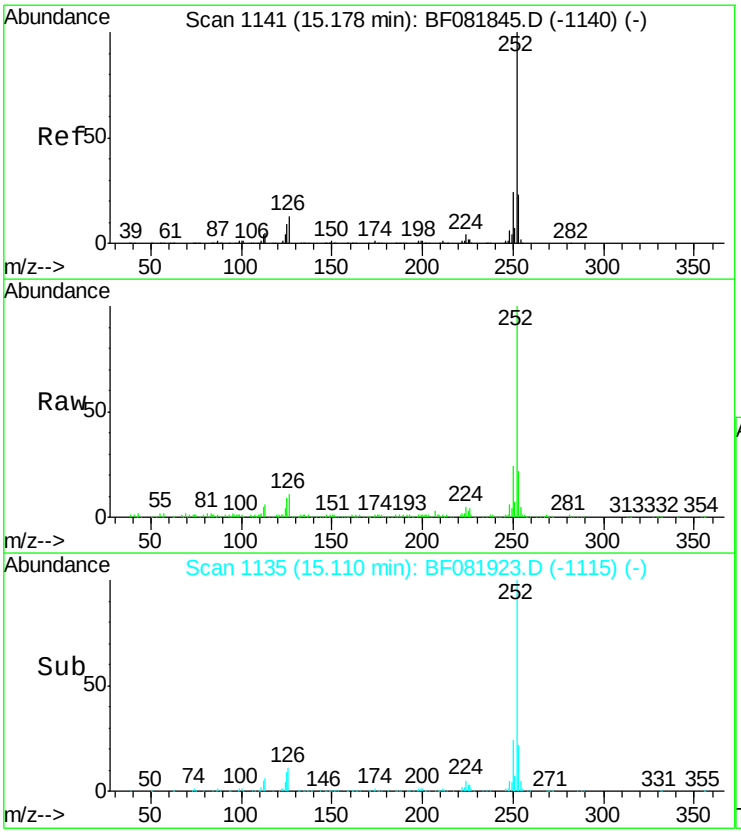
#87
Benzo(b)fluoranthene
Concen: 14.37 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:252 Resp: 247796

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	9.5	17.1	25.7#

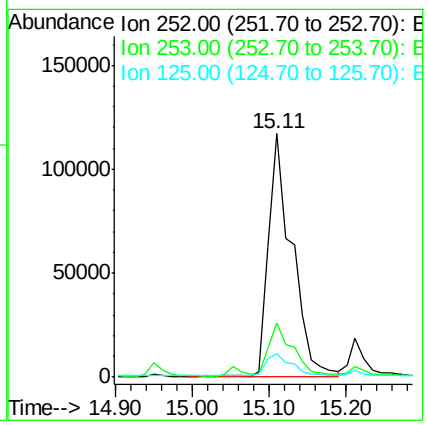


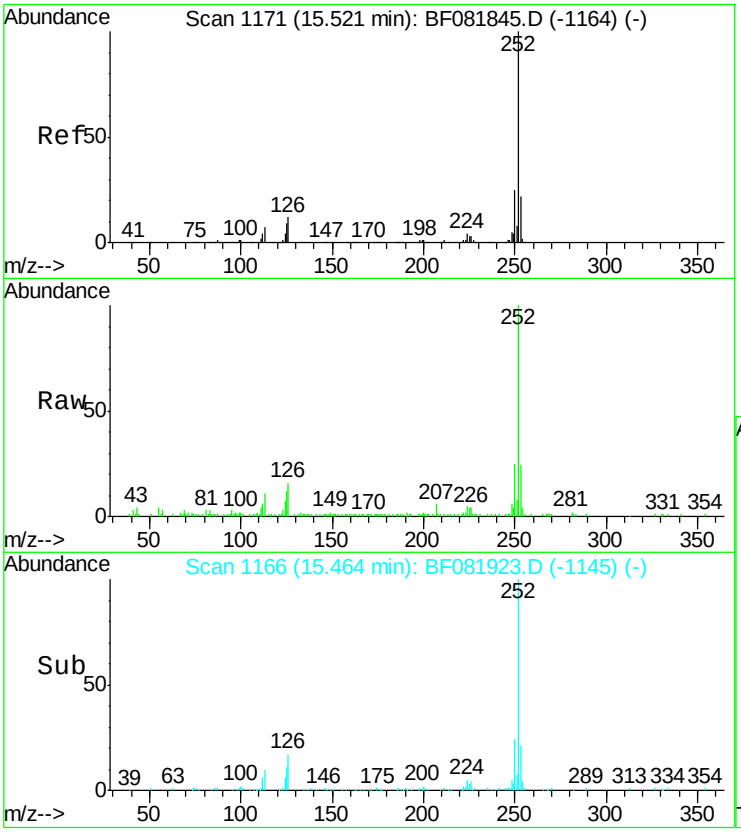


#88
Benzo(k)fluoranthene
Concen: 15.68 ng
RT: 15.11 min Scan# 1135
Delta R.T. -0.07 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:252 Resp: 247796

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.4
125	9.5	16.0	24.0#



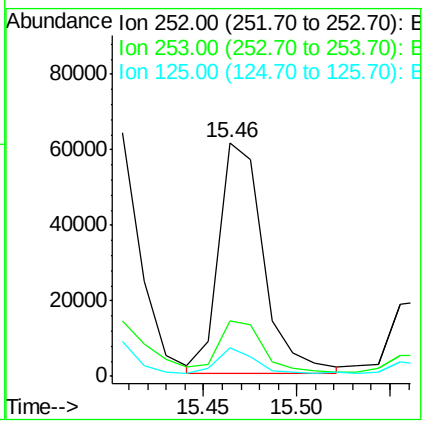


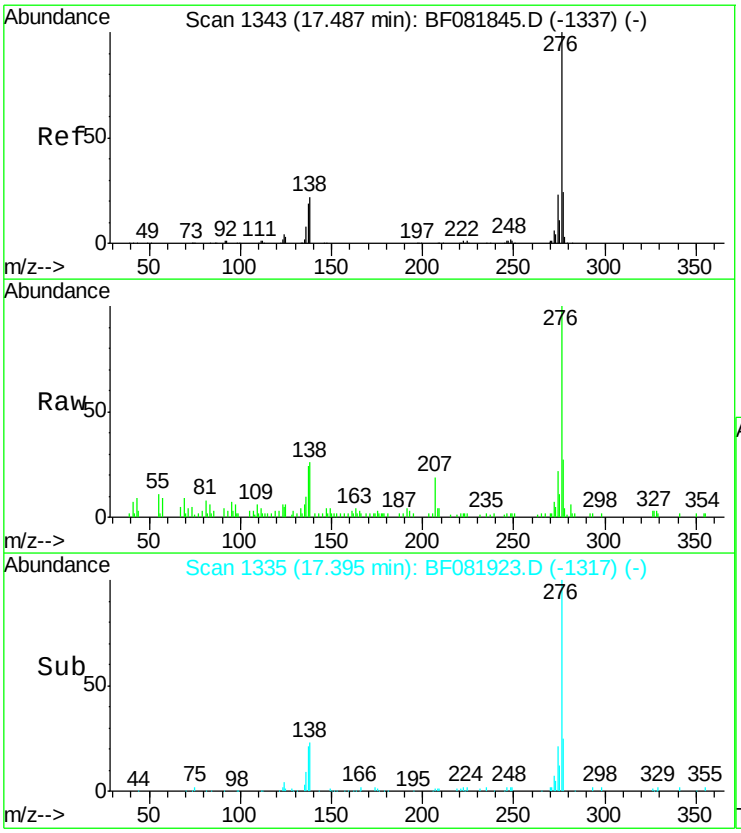
#89
Benzo(a)pyrene
Concen: 6.93 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Instrument :
BNA_F
ClientSampleId :
013-TB-11(0-4)

Tgt Ion:252 Resp: 103703

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.3	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 4.27 ng
RT: 17.40 min Scan# 1335
Delta R.T. -0.09 min
Lab File: BF081923.D
Acq: 1 Oct 2015 1:54

Tgt Ion:276 Resp: 54862

Ion	Ratio	Lower	Upper
276	100		
277	26.7	17.8	26.6#
138	25.9	34.6	51.8#