Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081605.D
Acq On : 14 Sep 2015 13:21
Operator : UM/IZ
Sample : G3526-19DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-19(0-0.16)DL

Quant Time: Sep 14 14:16:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 14 13:51:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	57373	20.00	ng		0.00
21) Naphthalene-d8	11.12	136	233922	20.00	ng		-0.01
38) Acenaphthene-d10	15.26	164	114012	20.00	ng		-0.01
63) Phenanthrene-d10	18.77	188	224495	20.00	ng		0.00
75) Chrysene-d12	23.40	240	157986	20.00	ng		0.00
86) Perylene-d12	24.82	264	108397	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	216127	58.45	ng		0.00
7) Phenol-d6	7.63	99	312585	63.86	ng		-0.02
23) Nitrobenzene-d5	9.52	82	207272	42.75	ng		-0.02
41) 2,4,6-Tribromophenol	17.16	330	62763	61.83	ng		-0.02
44) 2-Fluorobiphenyl	13.77	172	363440	40.85	ng		-0.01
78) Terphenyl-d14	22.12	244	296504	43.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	36344	21.88	ng	#	11
19) n-Nitroso-di-n-propylamine	9.52	70	28322	8.50	ng	#	64
49) Dimethylphthalate	14.82	163	81289	9.18	ng	#	97
51) Acenaphthene	15.33	154	31606	4.13	ng		84
54) Dibenzofuran	15.76	168	30735	2.75	ng	#	87
55) 4-Nitrophenol	15.76	139	12542	8.72	ng	#	25
57) Fluorene	16.56	166	39622	4.68	ng		92
70) Phenanthrene	18.84	178	614562	49.24	ng		97
71) Anthracene	18.94	178	117530	9.17	ng		99
72) Carbazole	19.42	167	40872	3.40	ng		98
74) Fluoranthene	21.44	202	591183	43.76	ng		90
77) Pyrene	21.80	202	626961	53.57	ng	#	90
80) Benzo(a)anthracene	23.38	228	251954	25.04	ng		97
82) Chrysene	23.42	228	238728	26.47	ng		93
85) Indeno(1,2,3-cd)pyrene	25.88	276	93280	14.10	ng	#	77
87) Benzo(b)fluoranthene	24.49	252	279988	36.18	ng	#	86
88) Benzo(k)fluoranthene	24.49	252	279936	43.59	ng	#	86
89) Benzo(a)pyrene	24.78	252	146569	22.35	ng	#	84
90) Dibenzo(a,h)anthracene	25.88	278	29890	5.90	ng	#	80
91) Benzo(g,h,i)perylene	26.18	276	88961	18.39	ng	#	71

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081605.D
Acq On : 14 Sep 2015 13:21
Operator : UM/IZ
Sample : G3526-19DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Quant Time: Sep 14 14:16:07 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 14 13:51:56 2015
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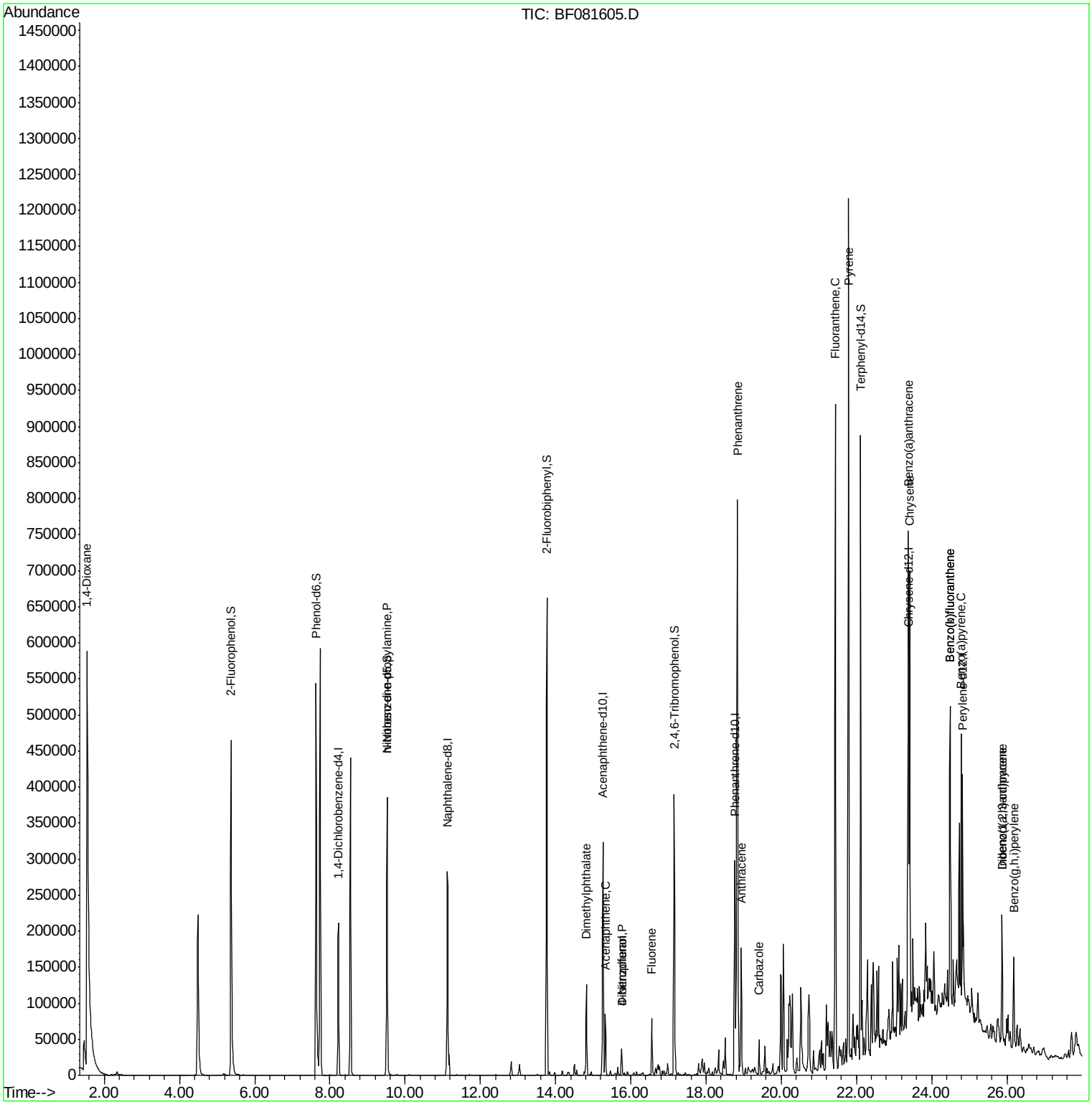
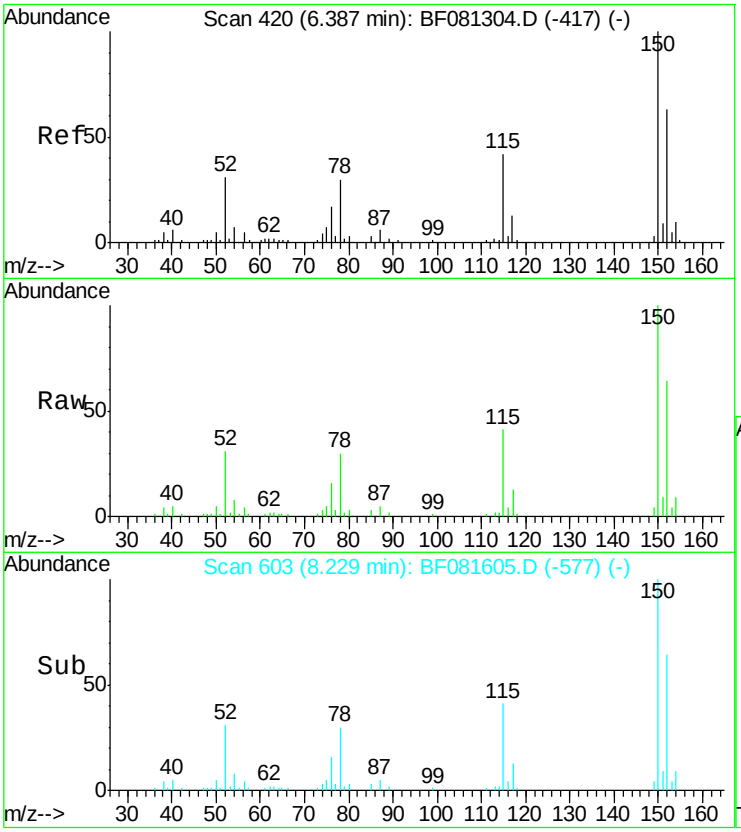


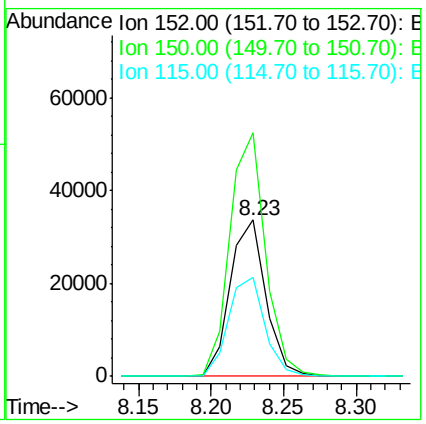


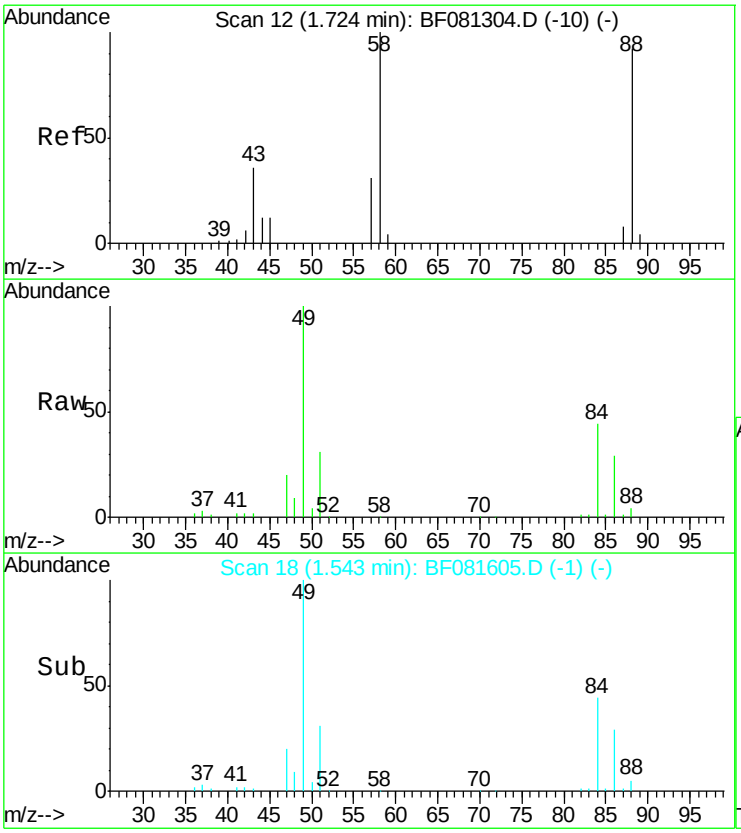
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:152 Resp: 57373

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.7	187.1
115	63.1	39.0	58.4#

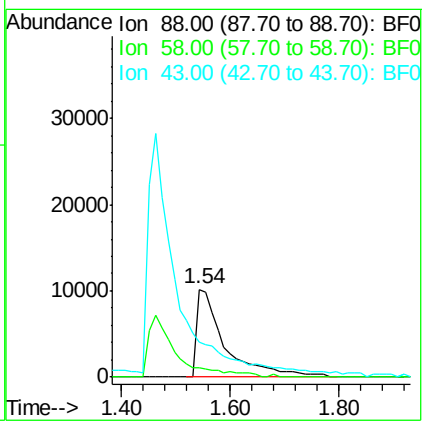


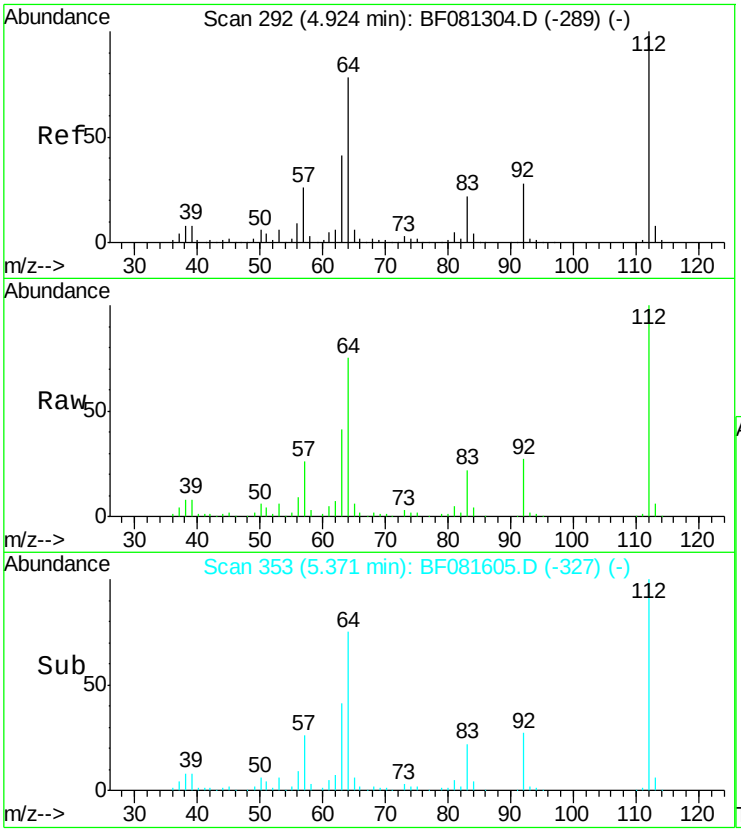


#2
1,4-Dioxane
Concen: 21.88 ng
RT: 1.54 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion: 88 Resp: 36344

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



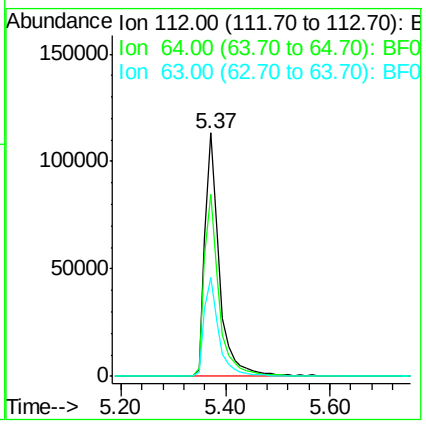


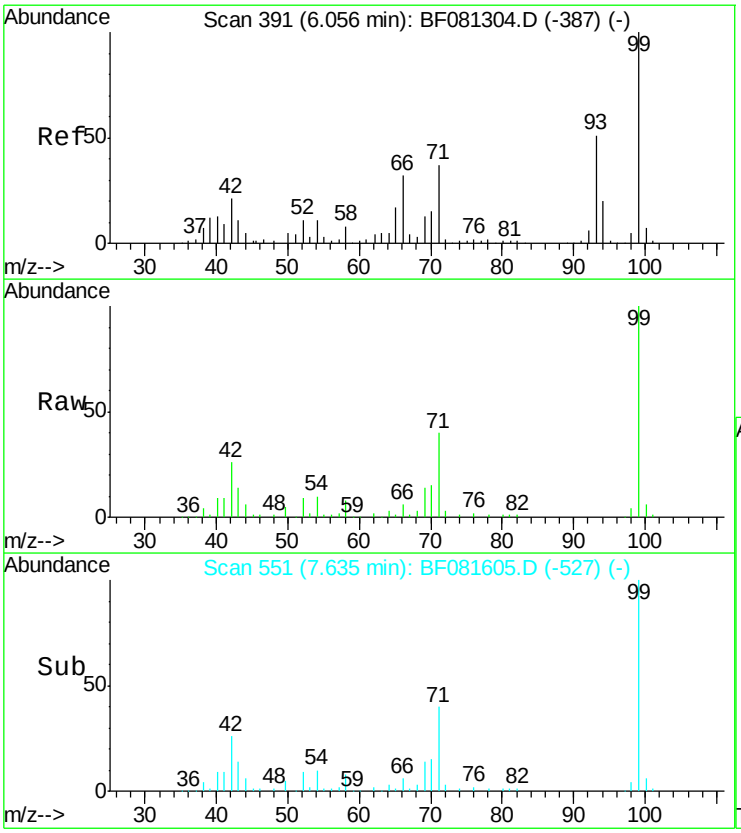
#5
2-Fluorophenol
Concen: 58.45 ng
RT: 5.37 min Scan# 353
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:112 Resp: 216127

Ion	Ratio	Lower	Upper
112	100		
64	74.6	39.7	59.5#
63	40.5	17.4	26.0#

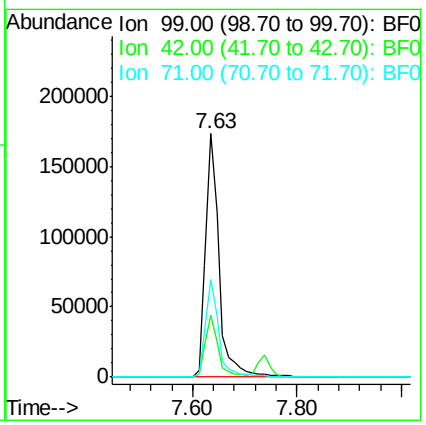


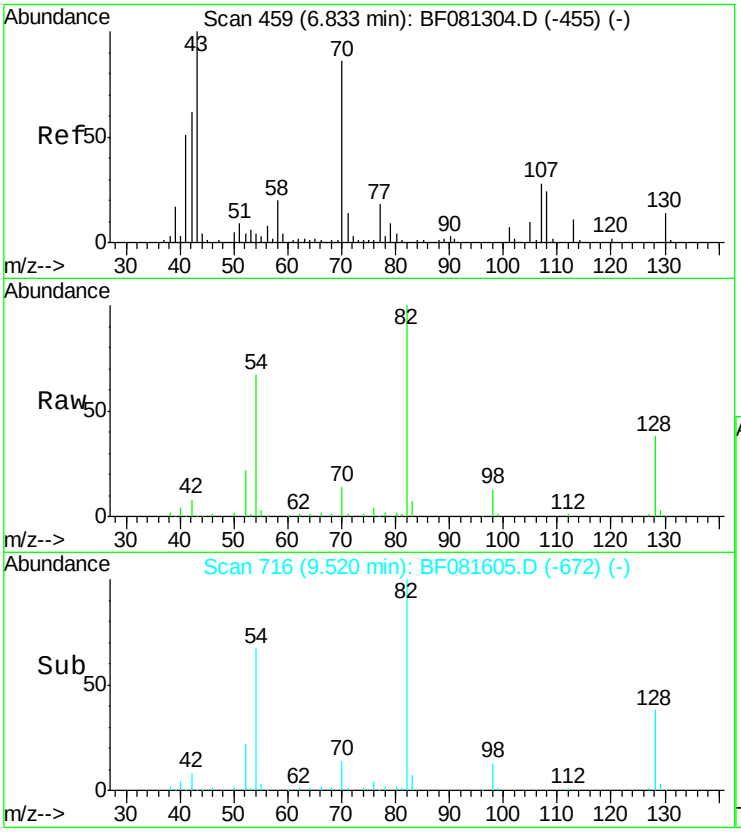


#7
Phenol-d6
Concen: 63.86 ng
RT: 7.63 min Scan# 551
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion: 99 Resp: 312585

Ion	Ratio	Lower	Upper
99	100		
42	25.6	13.7	20.5#
71	39.9	14.2	21.2#



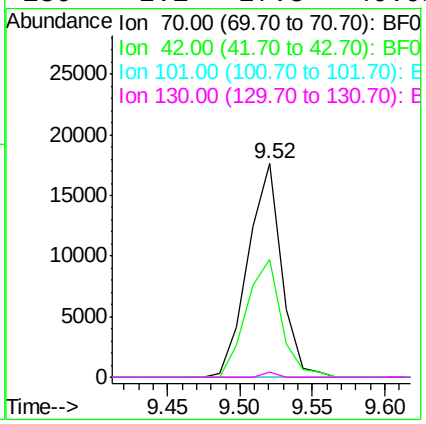


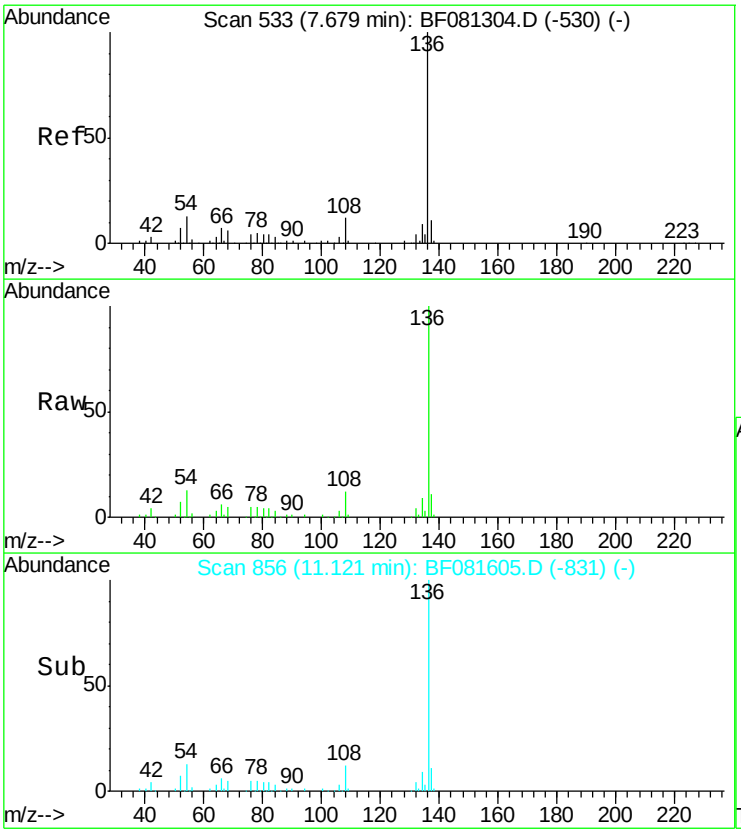
#19
n-Nitroso-di-n-propylamine
Concen: 8.50 ng
RT: 9.52 min Scan# 716
Delta R.T. 0.21 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion: 70 Resp: 28322

Ion	Ratio	Lower	Upper
70	100		
42	55.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.1	27.3	40.9#

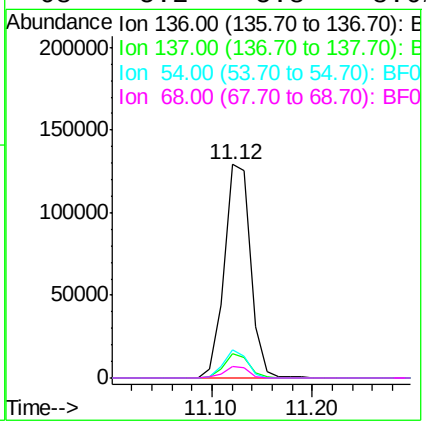


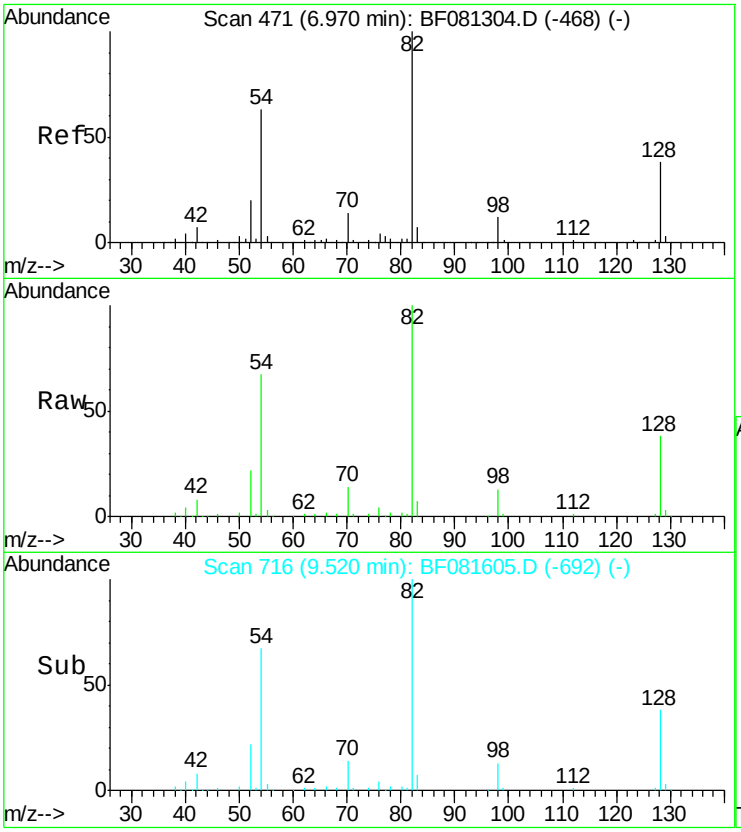


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:136 Resp: 233922

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	13.0	8.2	12.2#
68	5.2	5.8	8.6#



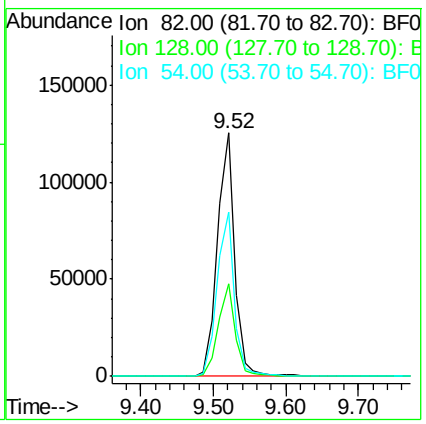


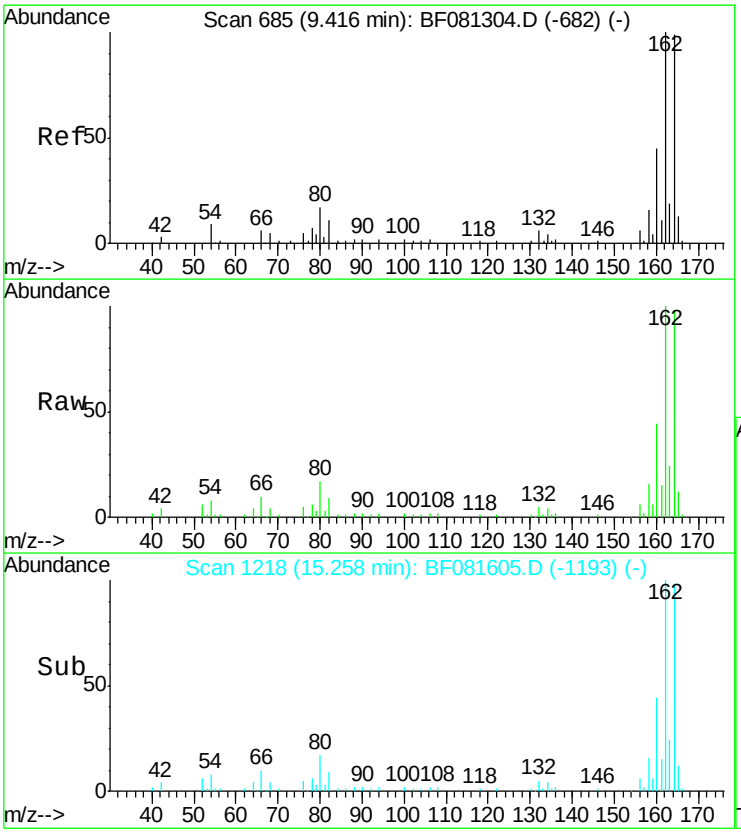
#23
Nitrobenzene-d5
Concen: 42.75 ng
RT: 9.52 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion: 82 Resp: 207272

Ion	Ratio	Lower	Upper
82	100		
128	37.8	51.0	76.6#
54	67.3	47.5	71.3

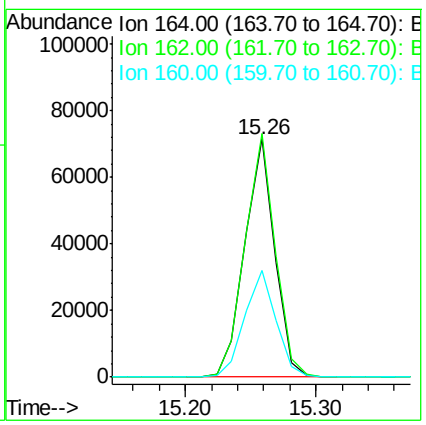


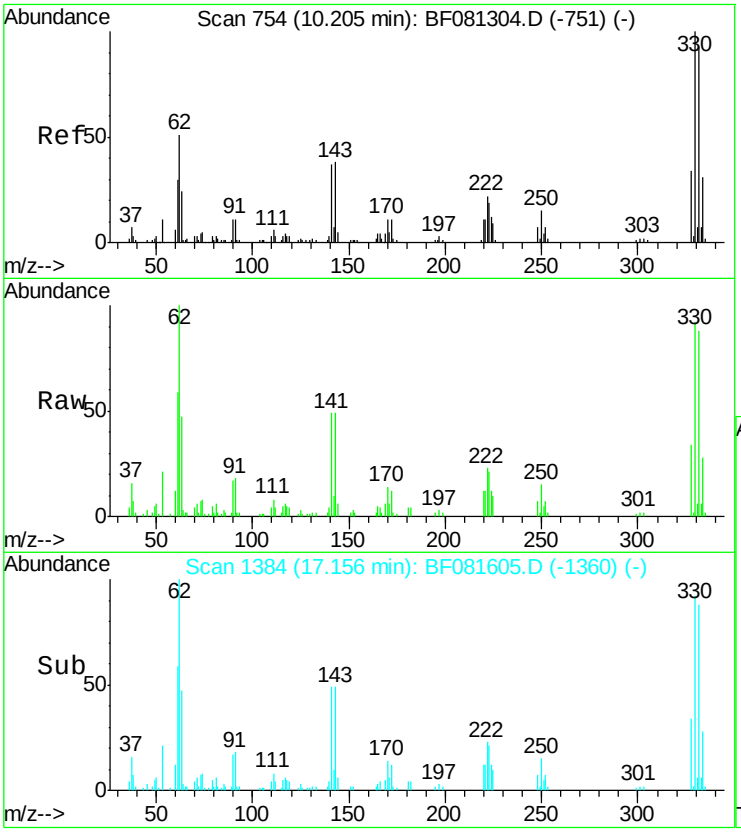


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.26 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:164 Resp: 114012

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	45.0	31.5	47.3



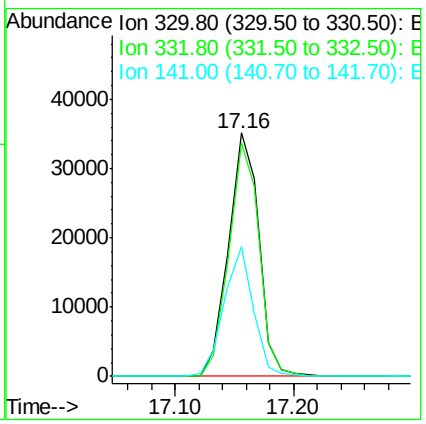


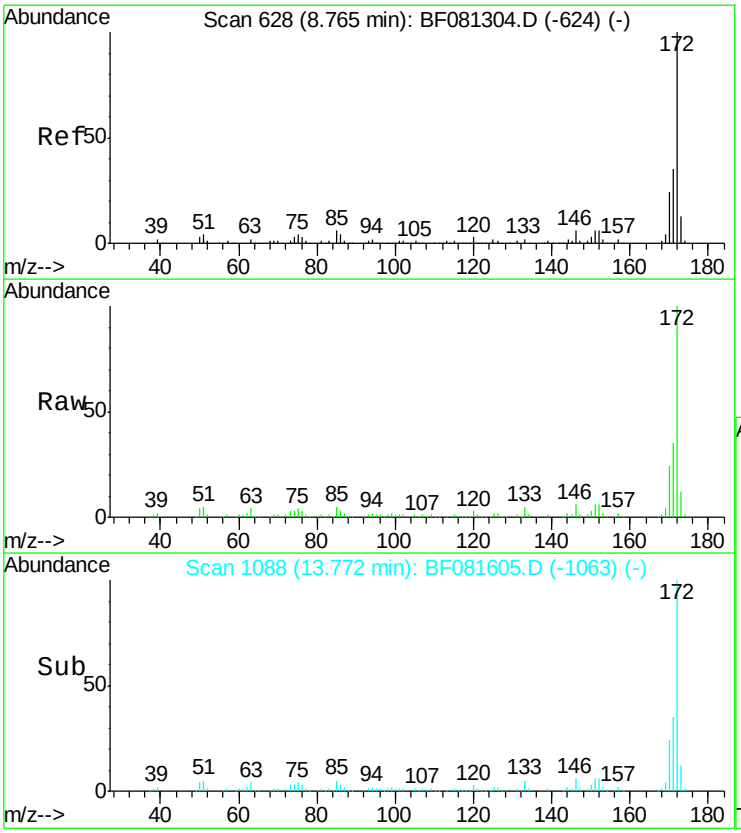
#41
2,4,6-Tribromophenol
Concen: 61.83 ng
RT: 17.16 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:330 Resp: 62763

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.6	114.8
141	51.7	29.7	44.5#

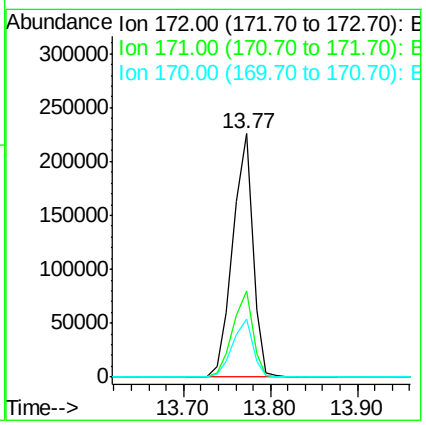


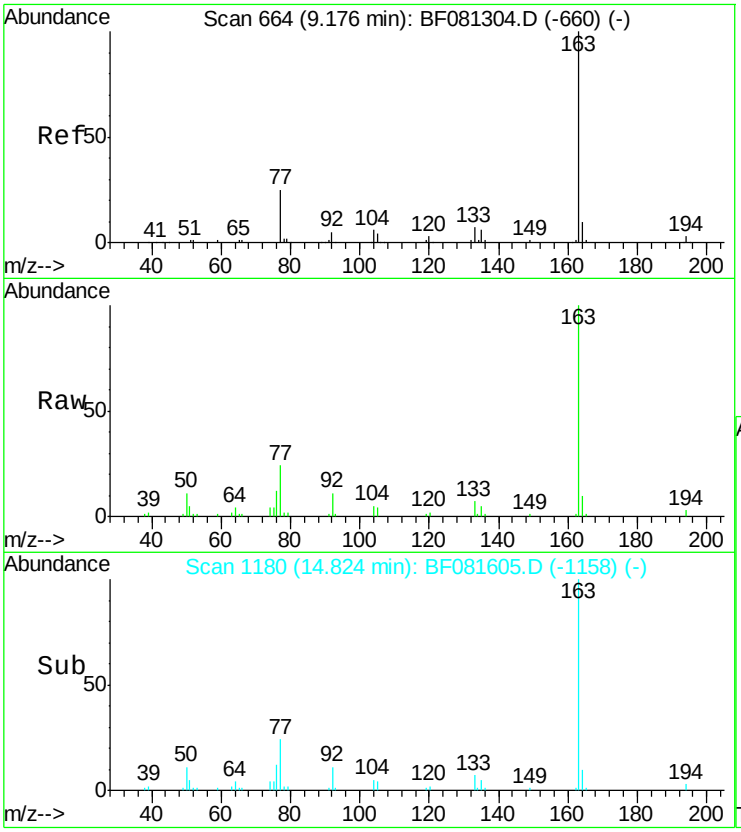


#44
2-Fluorobiphenyl
Concen: 40.85 ng
RT: 13.77 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:172 Resp: 363440

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	24.0	17.4	26.2



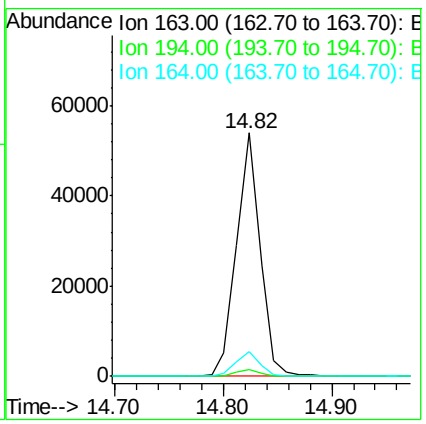


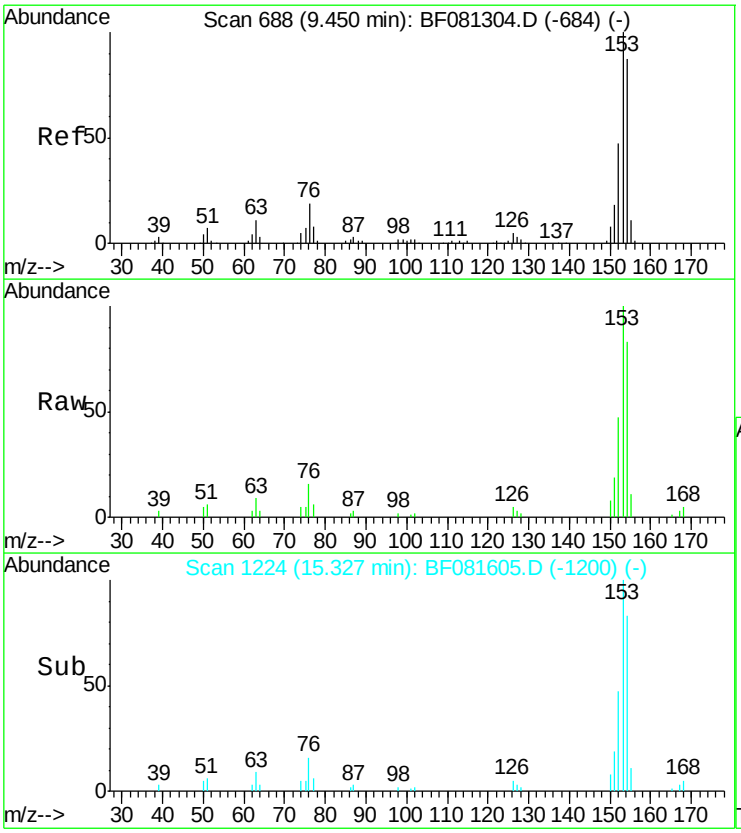
#49
Dimethylphthalate
Concen: 9.18 ng
RT: 14.82 min Scan# 1180
Delta R.T. -0.05 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:163 Resp: 81289

Ion	Ratio	Lower	Upper
163	100		
194	2.9	4.4	6.6#
164	10.0	8.3	12.5

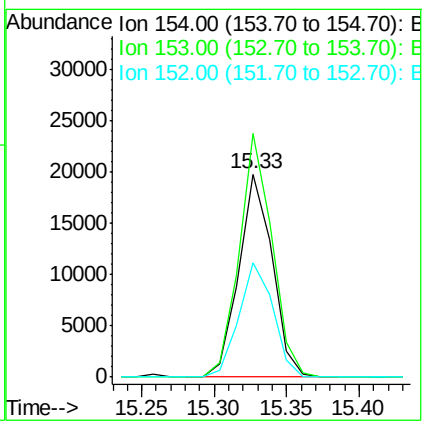


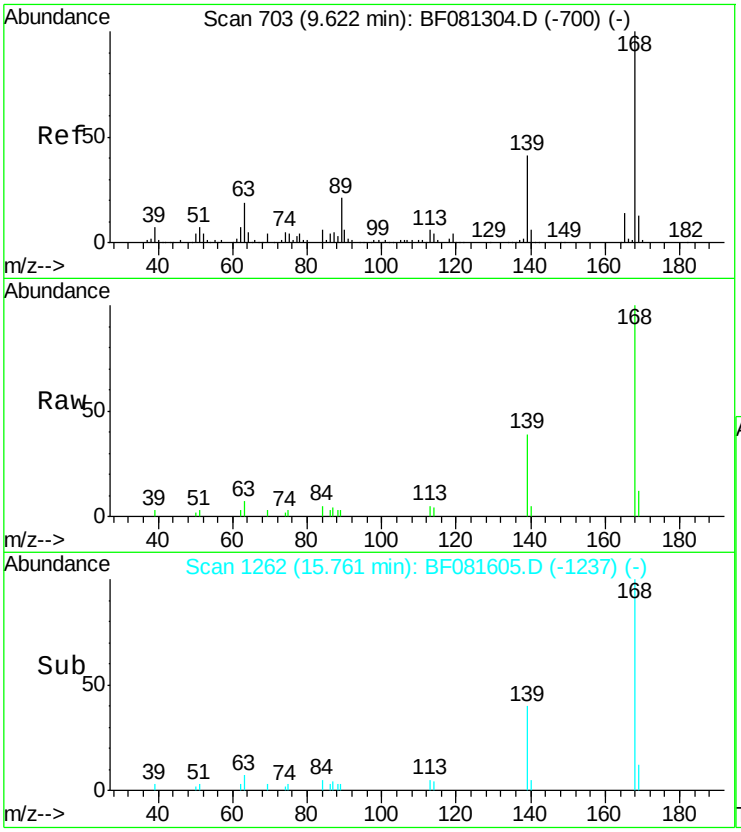


#51
Acenaphthene
Concen: 4.13 ng
RT: 15.33 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:154 Resp: 31606

Ion	Ratio	Lower	Upper
154	100		
153	120.1	82.1	123.1
152	56.6	37.9	56.9



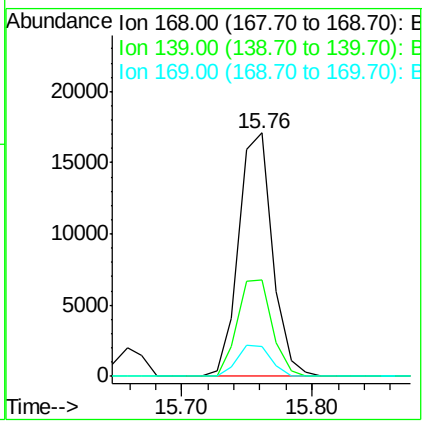


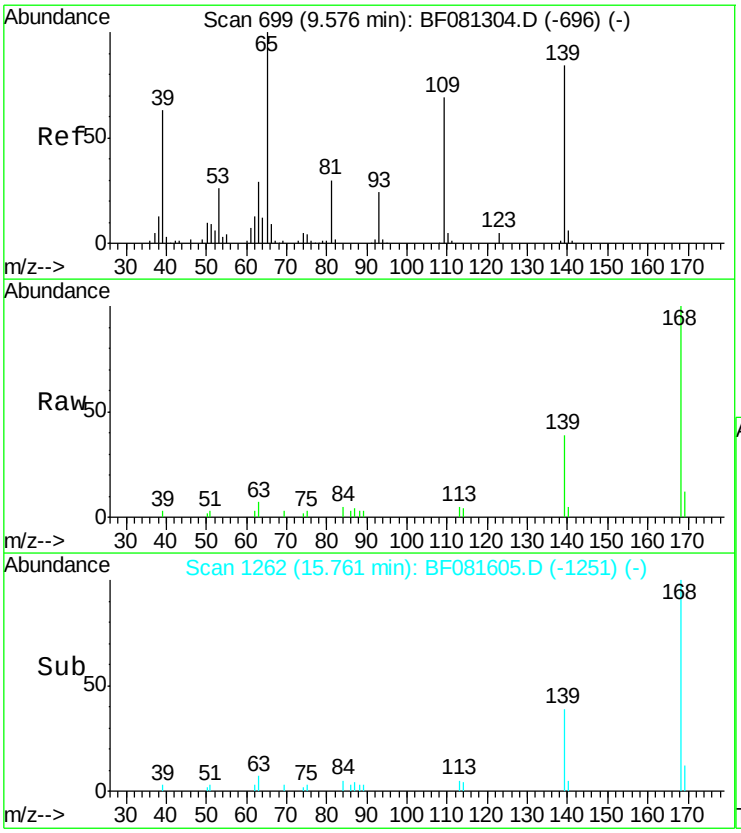
#54
Dibenzofuran
Concen: 2.75 ng
RT: 15.76 min Scan# 1262
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:168 Resp: 30735

Ion	Ratio	Lower	Upper
168	100		
139	39.4	24.2	36.2#
169	12.2	10.6	15.8

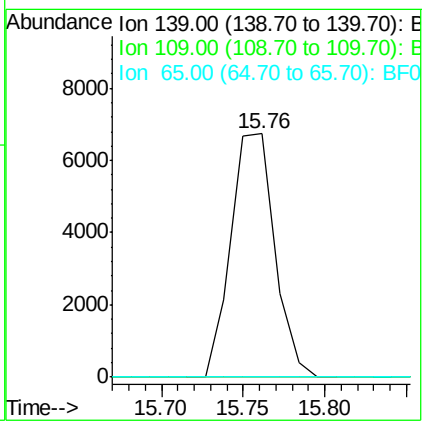


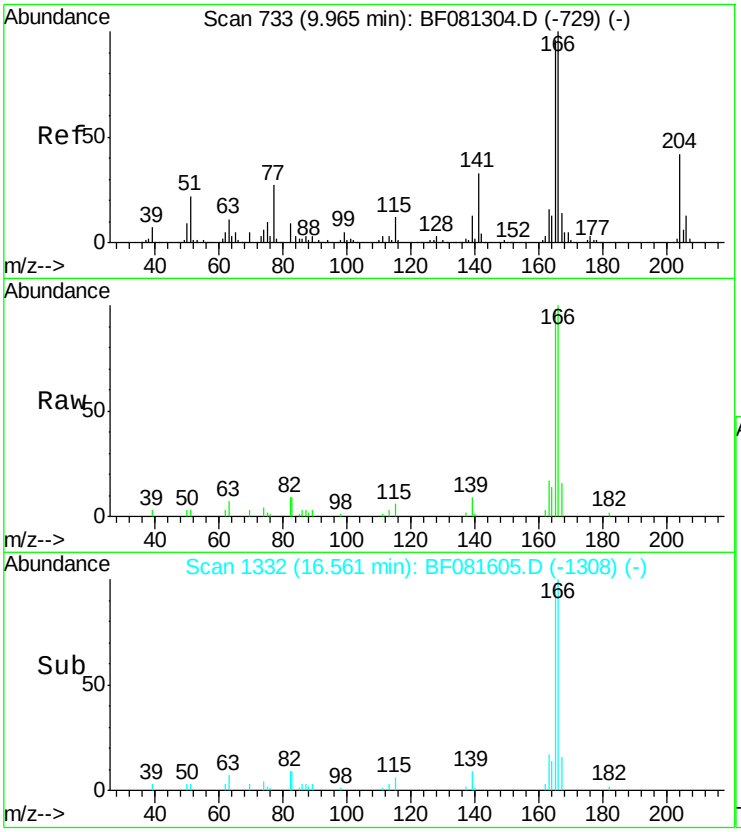


#55
4-Nitrophenol
Concen: 8.72 ng
RT: 15.76 min Scan# 1262
Delta R.T. -0.17 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:139 Resp: 12542

Ion	Ratio	Lower	Upper
139	100		
109	0.0	12.7	52.7#
65	0.0	45.9	85.9#



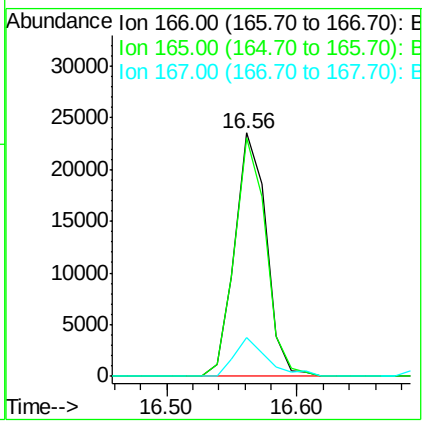


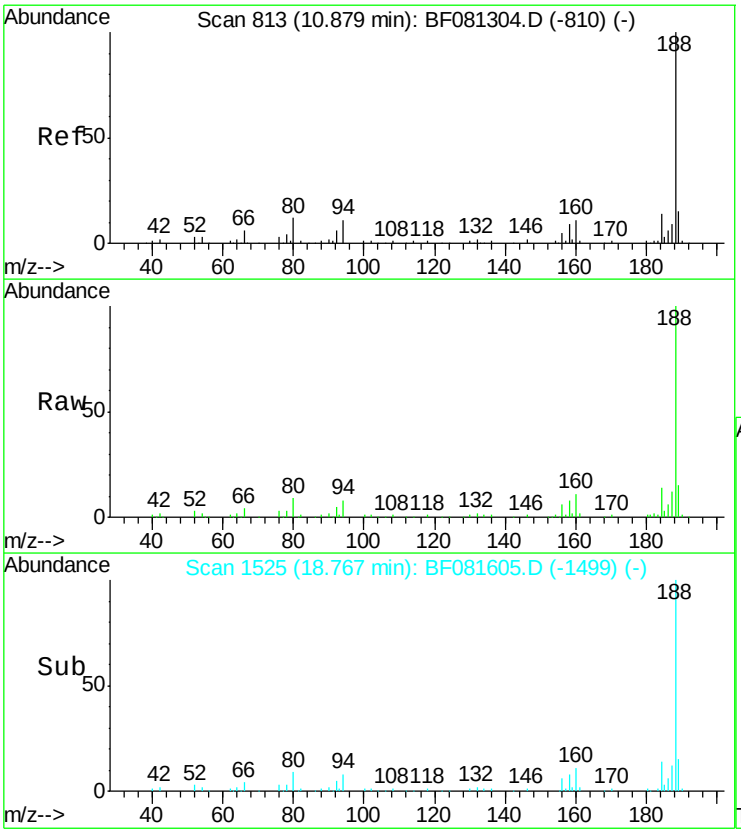
#57
Fluorene
Concen: 4.68 ng
RT: 16.56 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:166 Resp: 39622

Ion	Ratio	Lower	Upper
166	100		
165	98.2	72.6	109.0
167	15.9	10.6	16.0

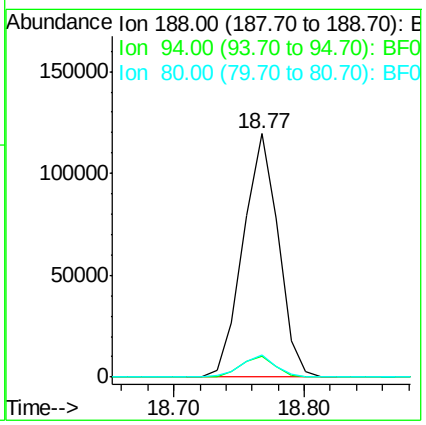


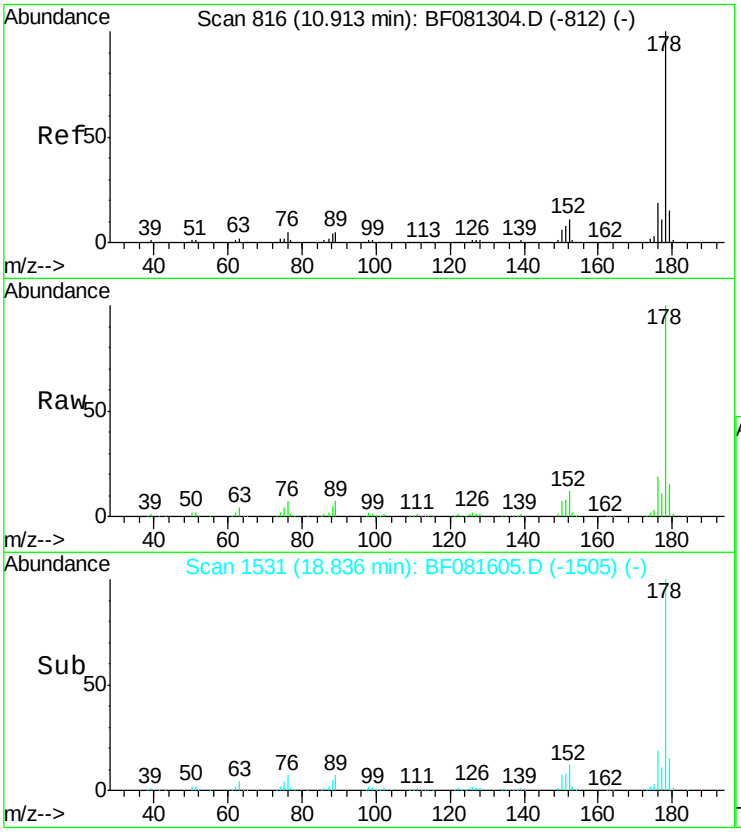


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.77 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:188 Resp: 224495

Ion	Ratio	Lower	Upper
188	100		
94	8.5	11.1	16.7#
80	8.9	11.0	16.4#



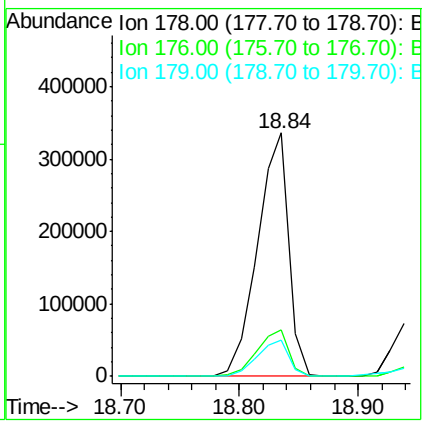


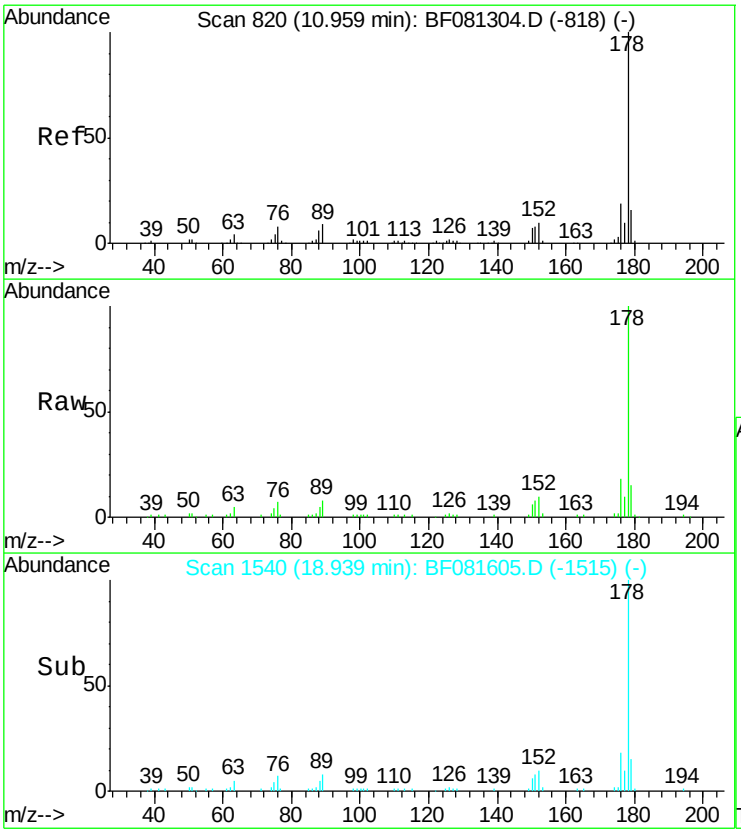
#70
Phenanthrene
Concen: 49.24 ng
RT: 18.84 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:178 Resp: 614562

Ion	Ratio	Lower	Upper
178	100		
176	19.3	13.8	20.8
179	15.1	12.2	18.2

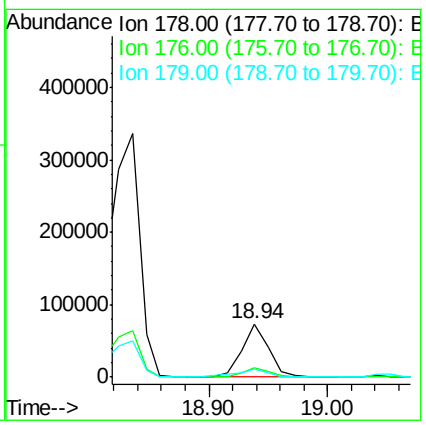


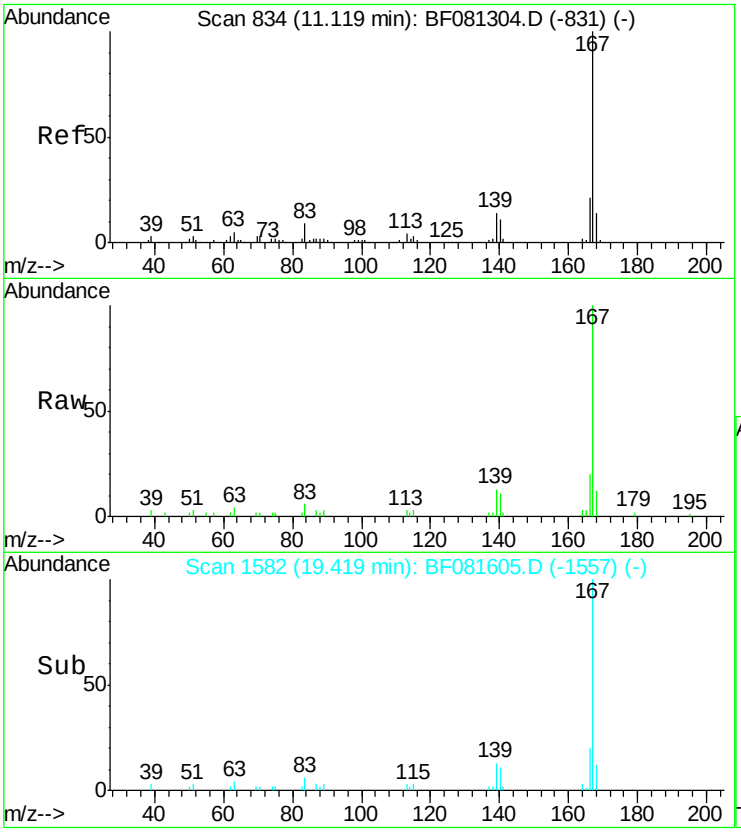


#71
Anthracene
Concen: 9.17 ng
RT: 18.94 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:178 Resp: 117530

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.1	21.1
179	15.1	12.2	18.2



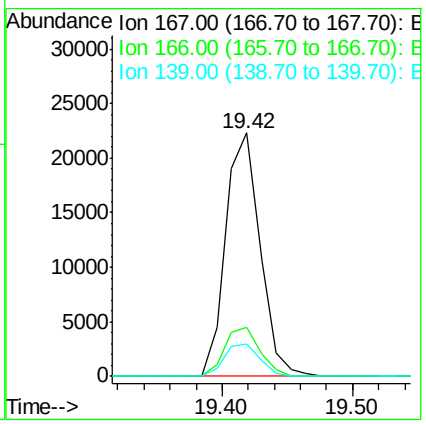


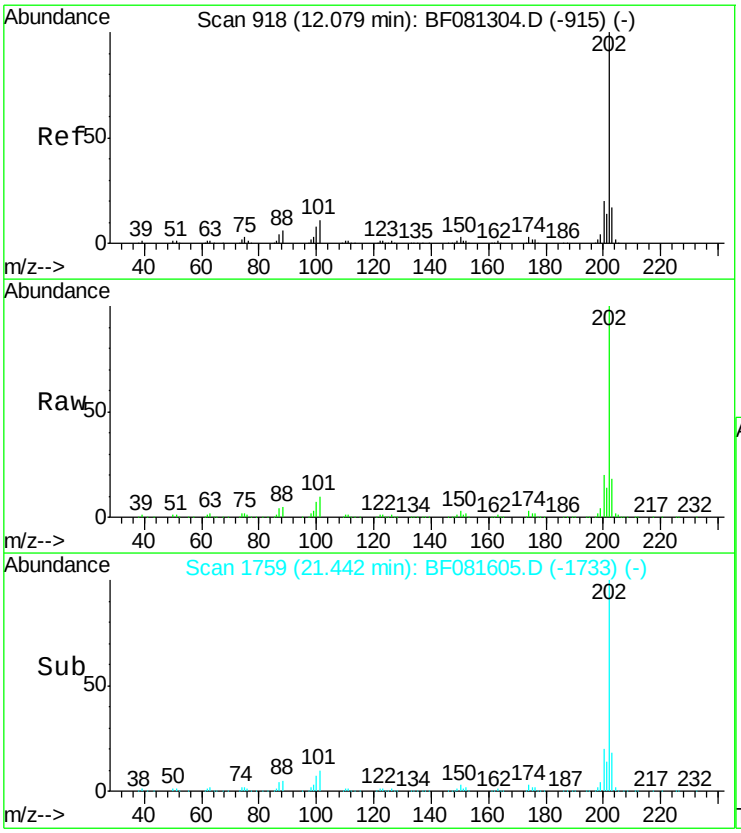
#72
Carbazole
Concen: 3.40 ng
RT: 19.42 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:167 Resp: 40872

Ion	Ratio	Lower	Upper
167	100		
166	20.2	15.7	23.5
139	13.1	9.5	14.3

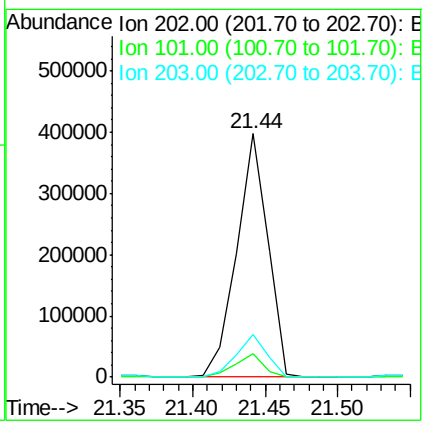


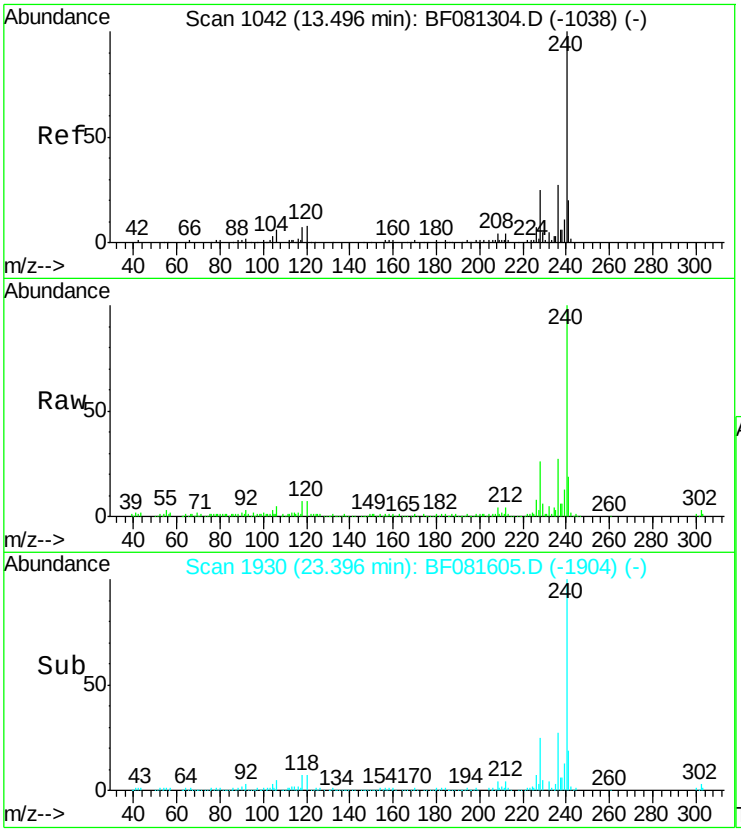


#74
Fluoranthene
Concen: 43.76 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:202 Resp: 591183

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	38.3
203	17.6	0.0	37.3



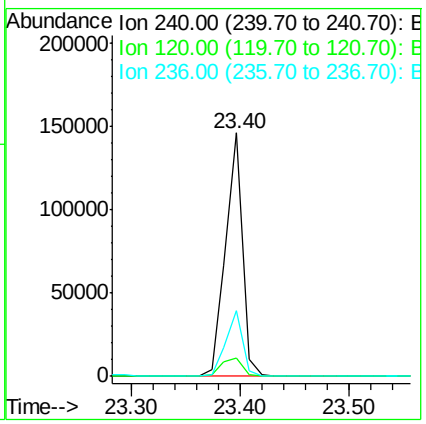


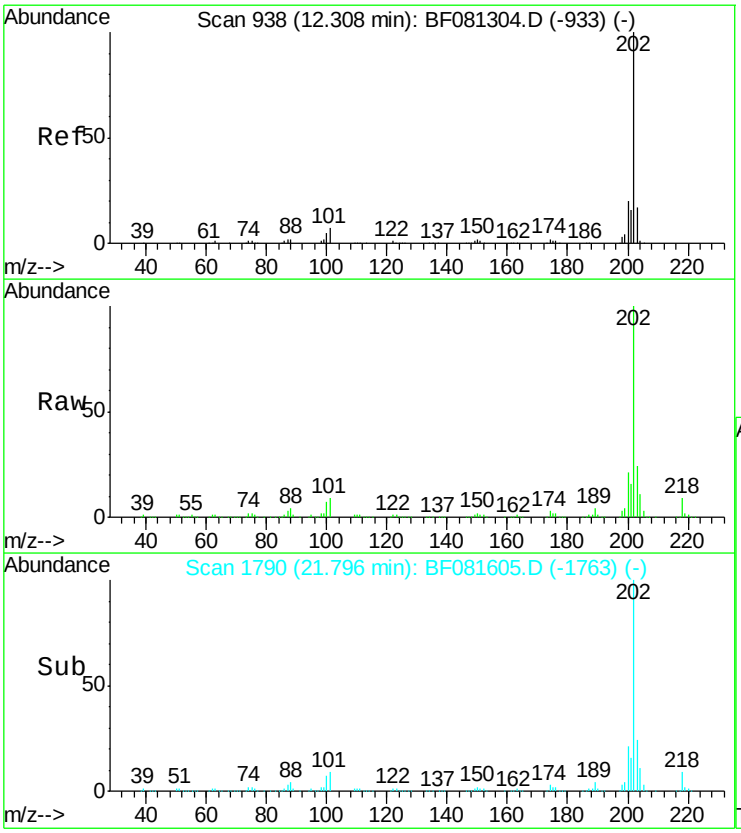
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:240 Resp: 157986

Ion	Ratio	Lower	Upper
240	100		
120	7.4	16.2	24.2#
236	26.9	18.4	27.6

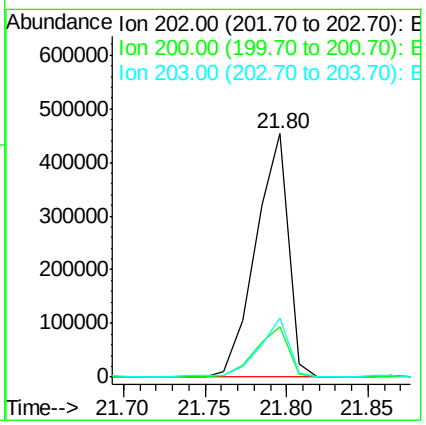


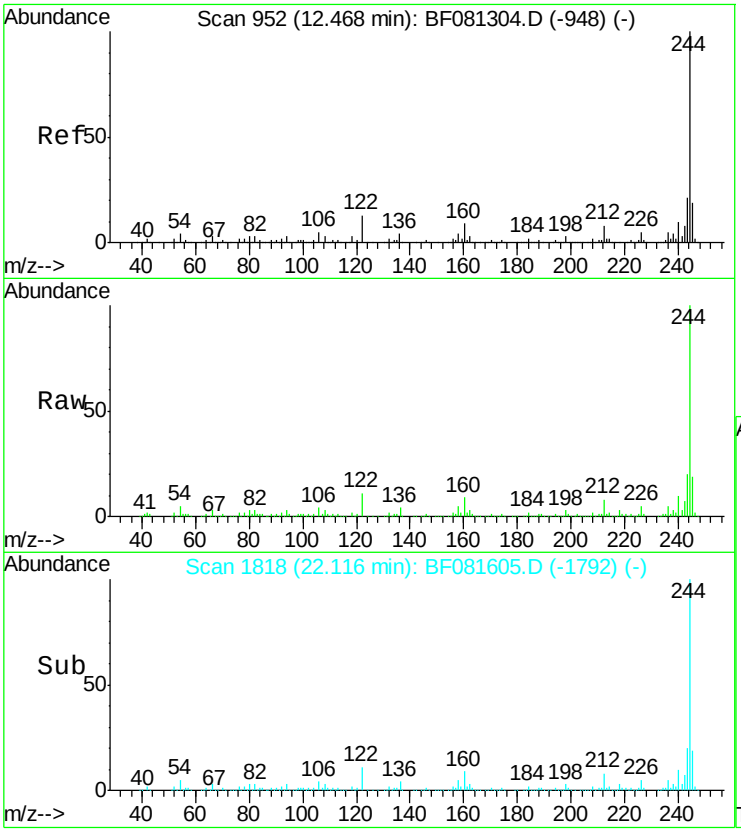


#77
Pyrene
Concen: 53.57 ng
RT: 21.80 min Scan# 1790
Delta R.T. 0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:202 Resp: 626961

Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.0	22.4
203	24.3	14.1	21.1#



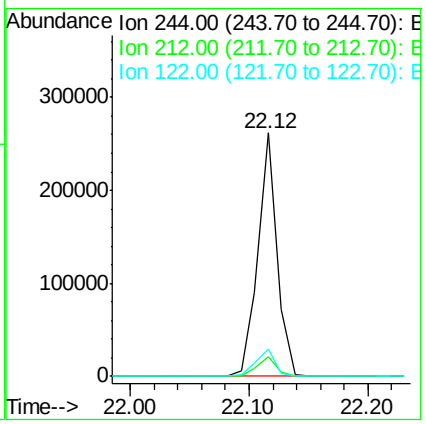


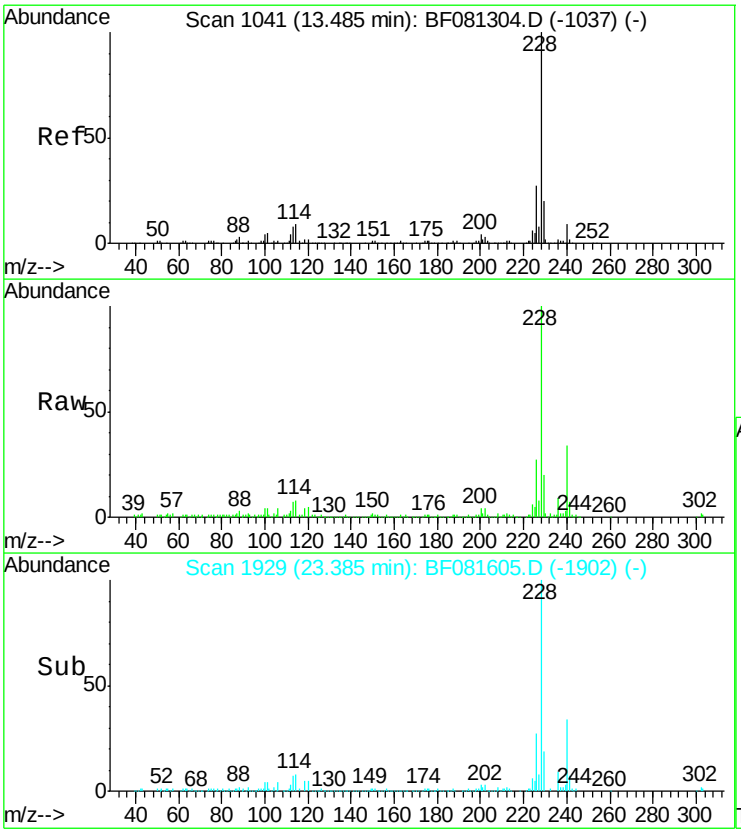
#78
Terphenyl-d14
Concen: 43.69 ng
RT: 22.12 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:244 Resp: 296504

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.3	17.4	26.2#

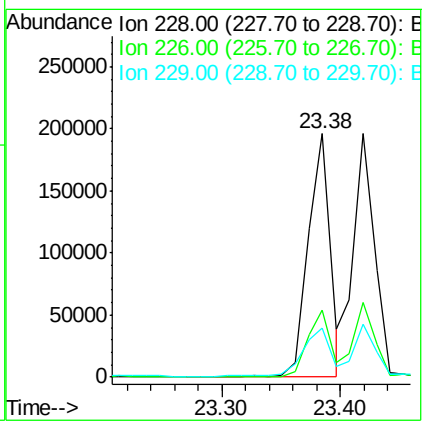


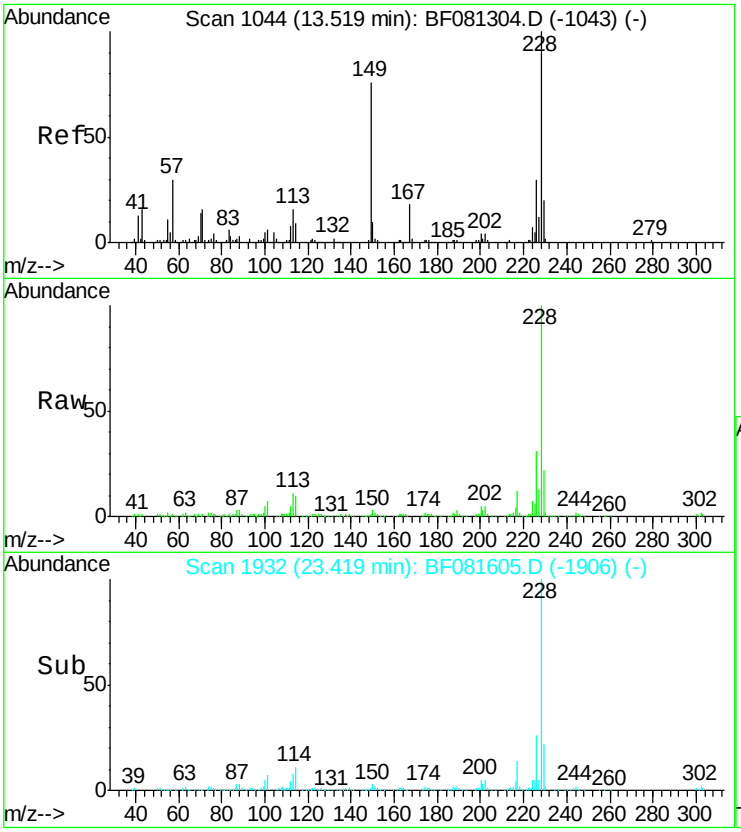


#80
Benzo(a)anthracene
Concen: 25.04 ng
RT: 23.38 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:228 Resp: 251954

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.0	30.0
229	20.2	15.4	23.2



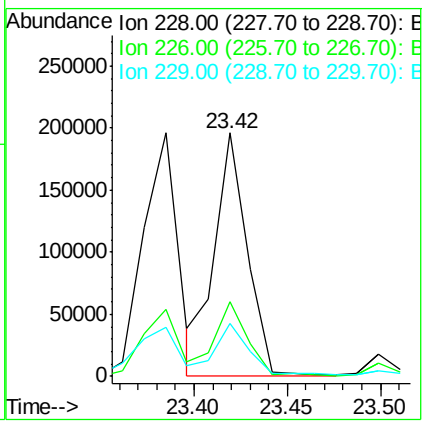


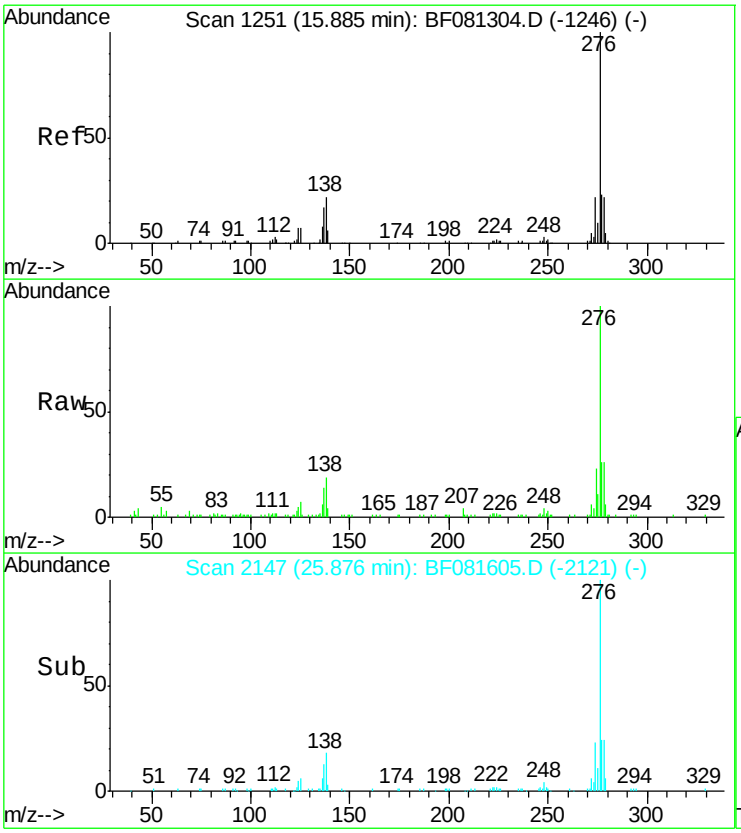
#82
Chrysene
Concen: 26.47 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:228 Resp: 238728

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.0	31.4
229	21.9	15.6	23.4

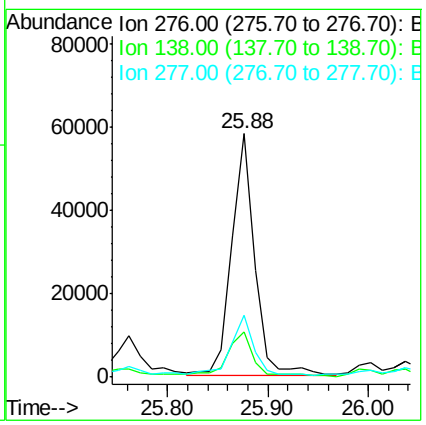


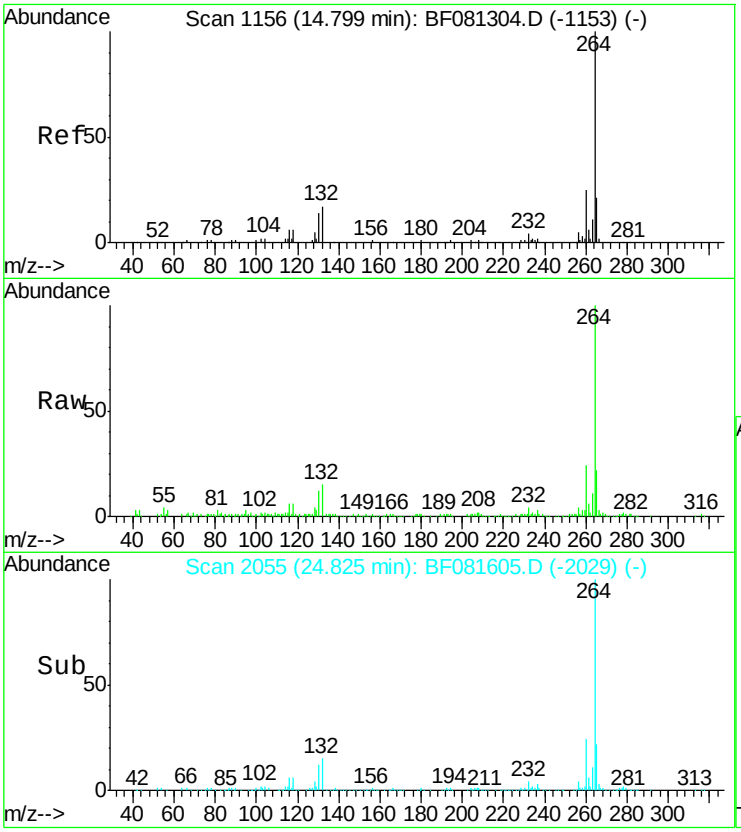


#85
Indeno(1,2,3-cd)pyrene
Concen: 14.10 ng
RT: 25.88 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:276 Resp: 93280

Ion	Ratio	Lower	Upper
276	100		
138	17.5	25.7	38.5#
277	28.0	15.6	23.4#



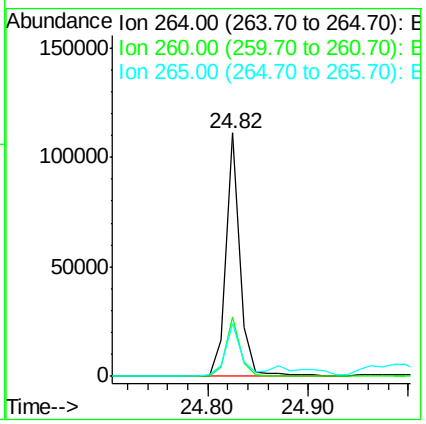


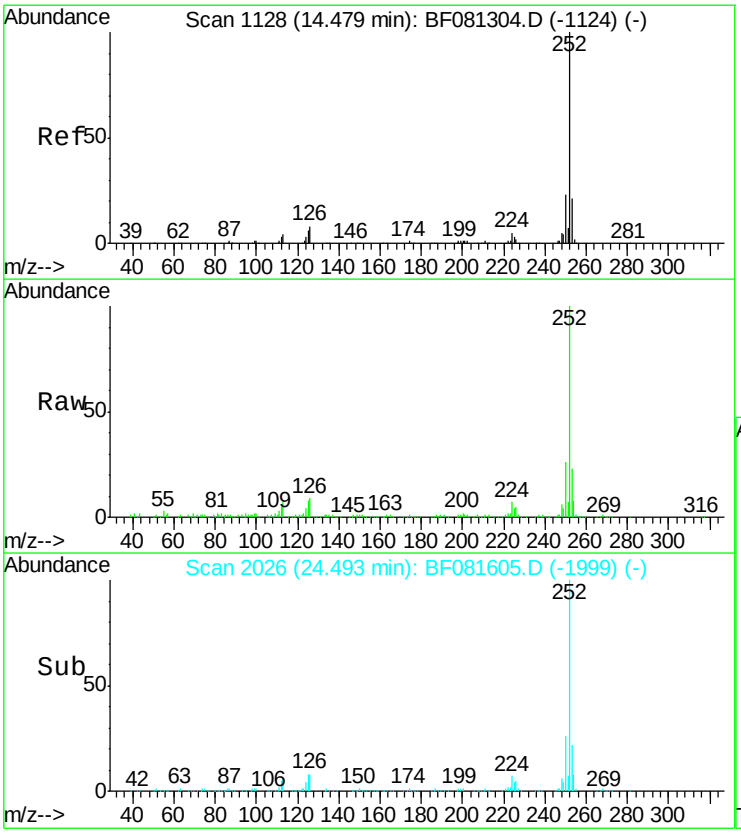
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:264 Resp: 108397

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	21.6	17.2	25.8

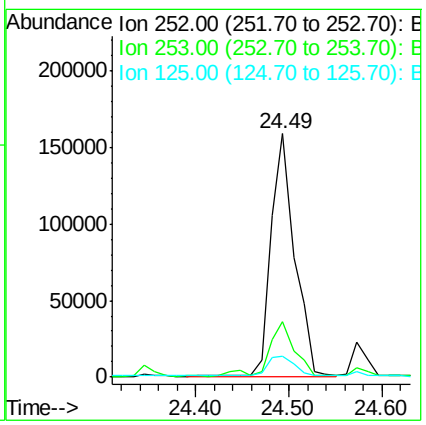


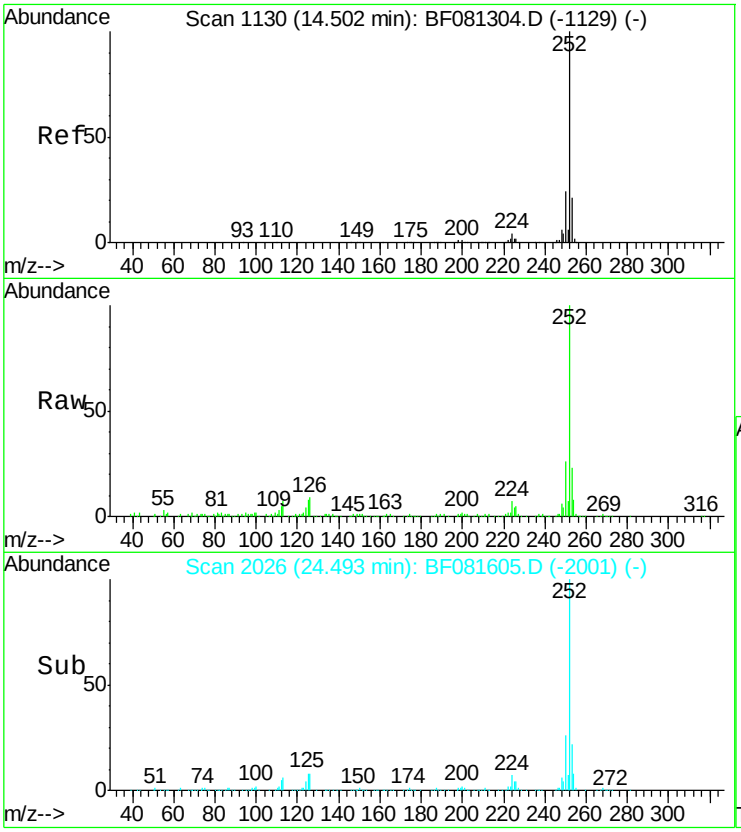


#87
Benzo(b)fluoranthene
Concen: 36.18 ng
RT: 24.49 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:252 Resp: 279988

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.5	17.1	25.7#



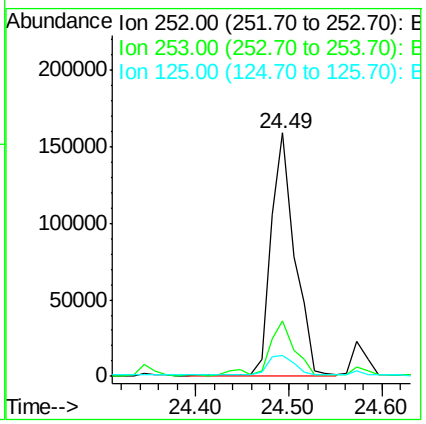


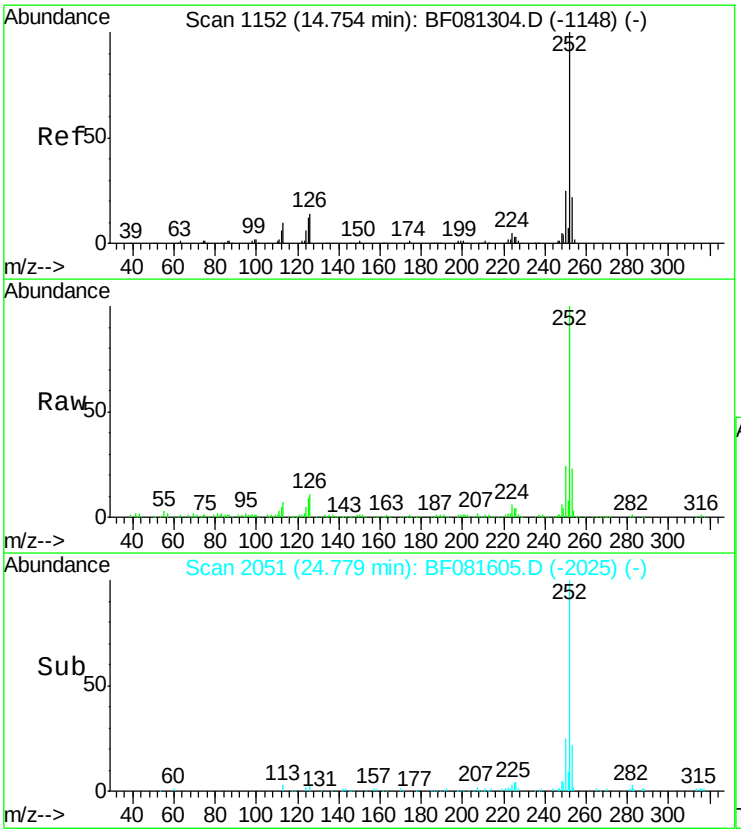
#88
Benzo(k)fluoranthene
Concen: 43.59 ng
RT: 24.49 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:252 Resp: 279936

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	8.5	16.0	24.0#

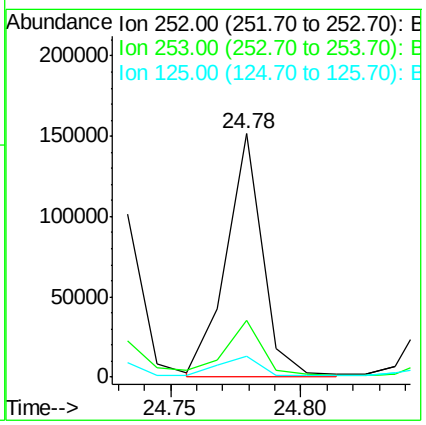


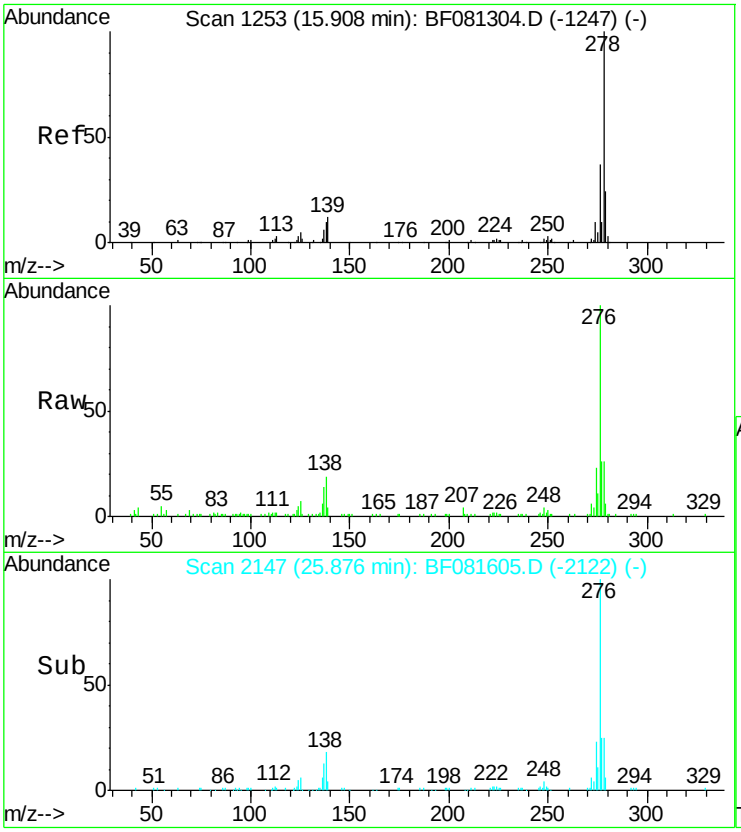


#89
Benzo(a)pyrene
Concen: 22.35 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:252 Resp: 146569

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.6	18.0	27.0#



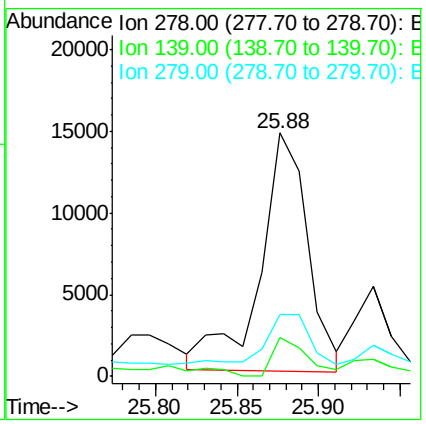


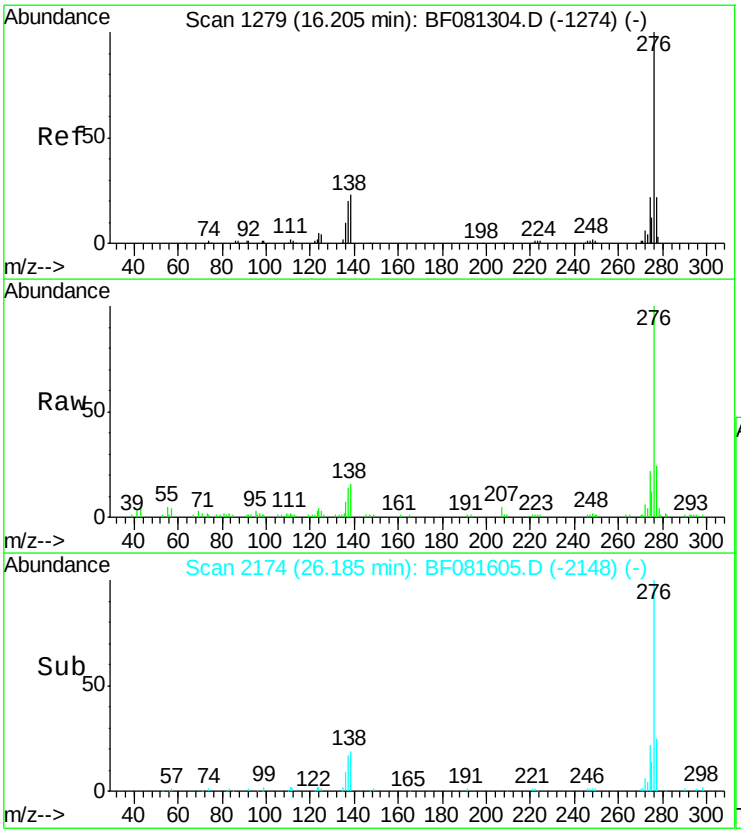
#90
Dibenzo(a,h)anthracene
Concen: 5.90 ng
RT: 25.88 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Instrument :
BNA_F
ClientSampleId :
SB-19(0-0.16)DL

Tgt Ion:278 Resp: 29890

Ion	Ratio	Lower	Upper
278	100		
139	16.1	26.3	39.5#
279	25.3	18.2	27.4





#91
Benzo(g,h,i)perylene
Concen: 18.39 ng
RT: 26.18 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF081605.D
Acq: 14 Sep 2015 13:21

Tgt Ion:276 Resp: 88961

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	16.3	34.6	51.8#