Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TYB5(1.5-2)

Quant Time: Sep 11 00:45:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	44335	20.00	ng		0.01
21) Naphthalene-d8	11.17	136	152241	20.00	ng		0.00
38) Acenaphthene-d10	15.30	164	57665	20.00	ng		0.00
63) Phenanthrene-d10	18.81	188	110189	20.00	ng		0.00
75) Chrysene-d12	23.42	240	83815	20.00	ng		0.00
86) Perylene-d12	24.87	264	48008	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	324507	113.56	ng		0.03
7) Phenol-d6	7.71	99	421015	111.31	ng		0.02
23) Nitrobenzene-d5	9.57	82	259362	82.19	ng		0.00
41) 2,4,6-Tribromophenol	17.21	330	58642	114.21	ng		0.00
44) 2-Fluorobiphenyl	13.82	172	407513	90.56	ng		0.00
78) Terphenyl-d14	22.15	244	317740	88.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	42483	33.10	ng	#	11
19) n-Nitroso-di-n-propylamine	9.57	70	35526	13.80	ng	#	67
32) Benzoic acid	10.97	122	820	2.98	ng	#	72
49) Dimethylphthalate	14.87	163	85534	19.09	ng	#	97
70) Phenanthrene	18.87	178	54007	8.82	ng		97
71) Anthracene	18.98	178	23560	3.74	ng		97
72) Carbazole	19.48	167	12923	2.19	ng	#	93
74) Fluoranthene	21.48	202	133775	20.17	ng		88
77) Pyrene	21.82	202	124285	20.02	ng		97
79) Butylbenzylphthalate	22.85	149	6605	2.45	ng	#	68
80) Benzo(a)anthracene	23.42	228	47832	8.96	ng		96
82) Chrysene	23.42	228	47832	10.00	ng		98
83) Bis(2-ethylhexyl)phthalate	23.53	149	16182	4.54	ng	#	97
84) Di-n-octyl phthalate	24.23	149	88097	15.01	ng	#	40
87) Benzo(b)fluoranthene	24.53	252	62438	18.22	ng	#	90
88) Benzo(k)fluoranthene	24.53	252	62438	21.95	ng	#	91
89) Benzo(a)pyrene	24.82	252	27376	9.43	ng	#	90
90) Dibenzo(a,h)anthracene	25.96	278	5879	2.62	ng	#	68
91) Benzo(g,h,i)perylene	26.26	276	24869	11.61	ng	#	75

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081579.D
Acq On : 10 Sep 2015 22:10
Operator : UM/IZ
Sample : G3590-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Quant Time: Sep 11 00:45:35 2015
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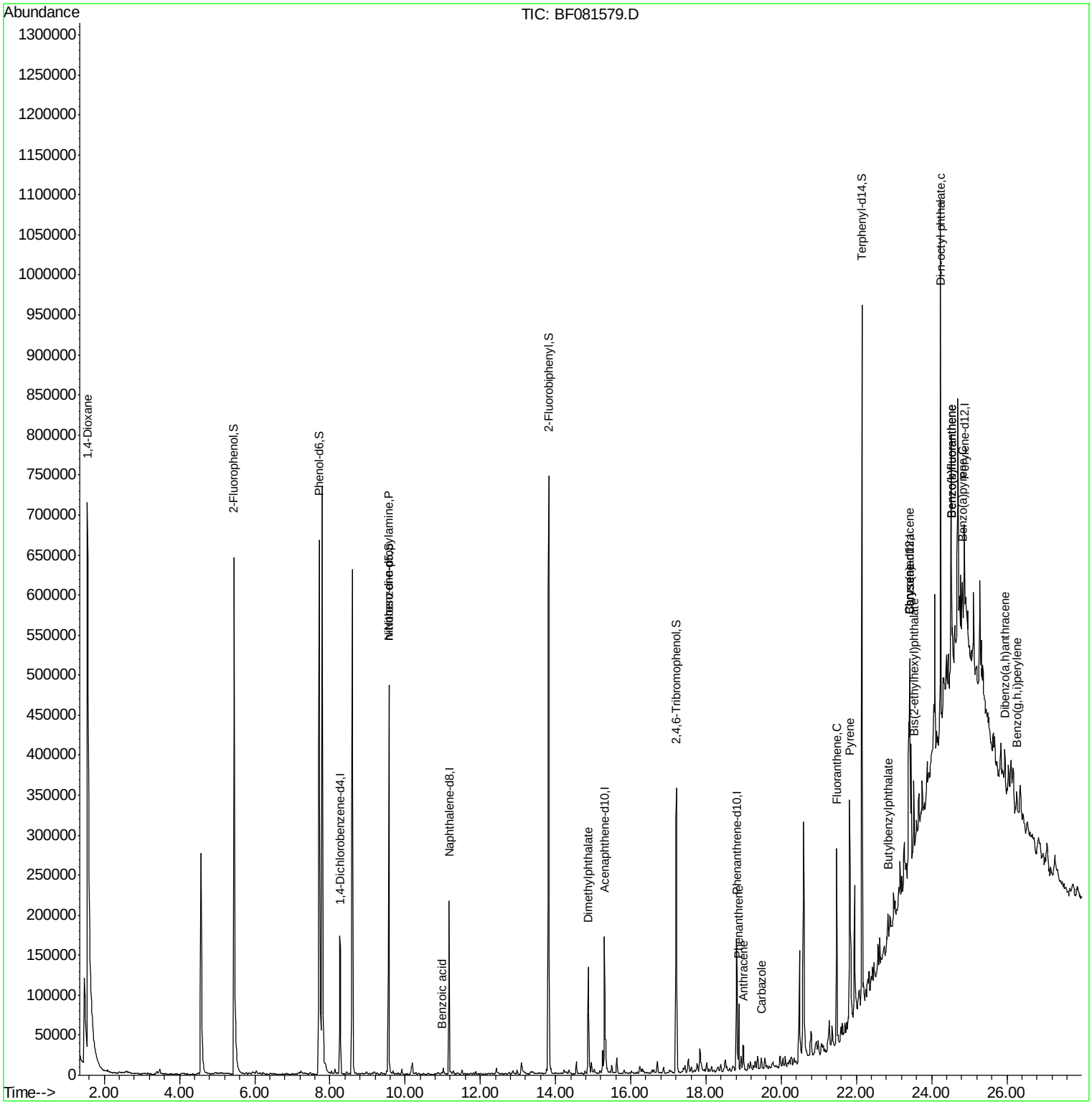
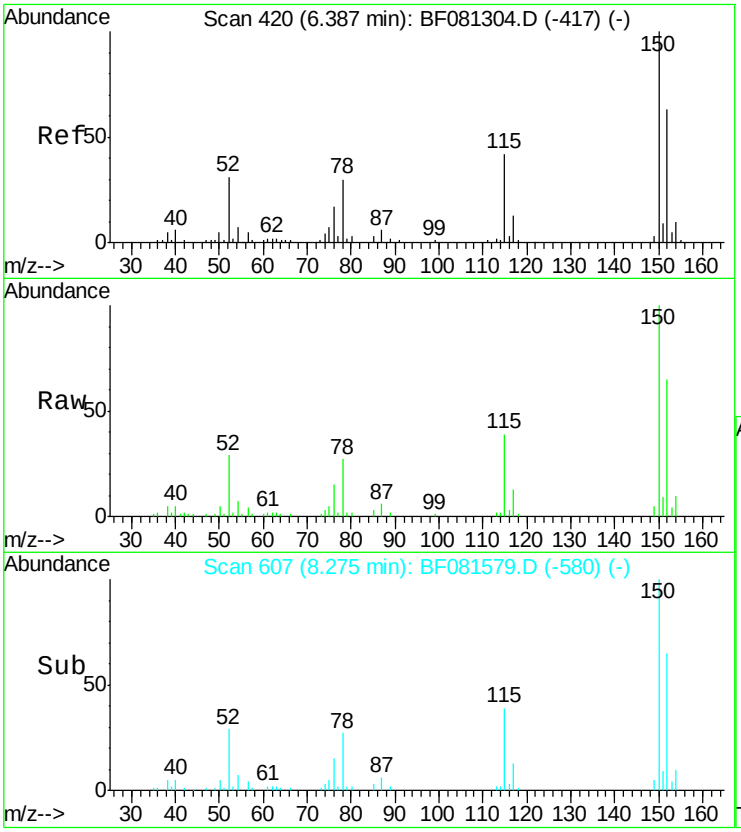


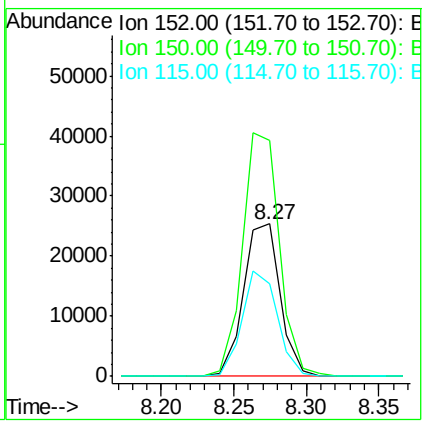


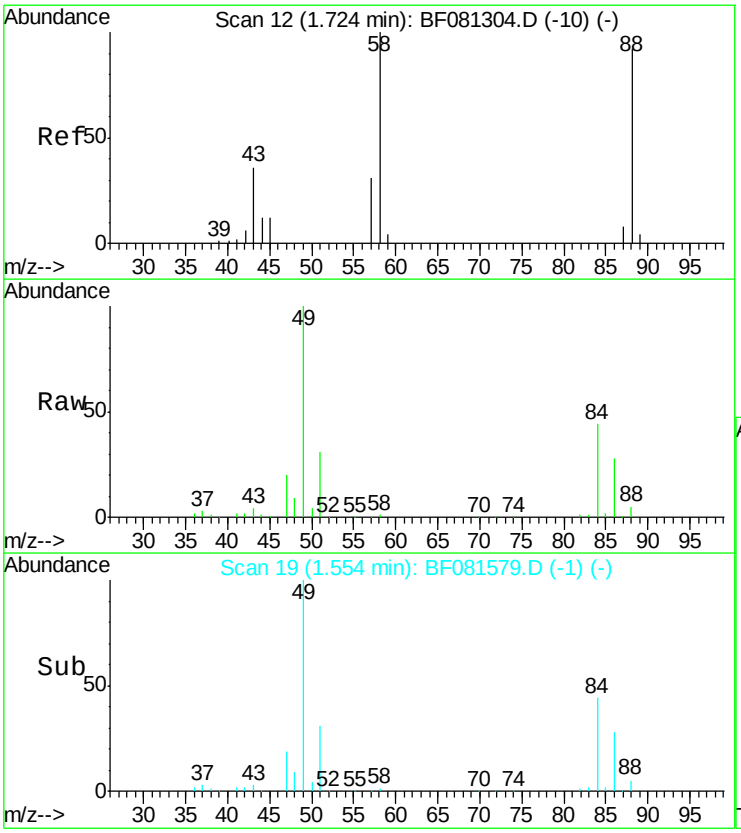
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 607
Delta R.T. 0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:152 Resp: 44335

Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.7	187.1
115	61.0	39.0	58.4#

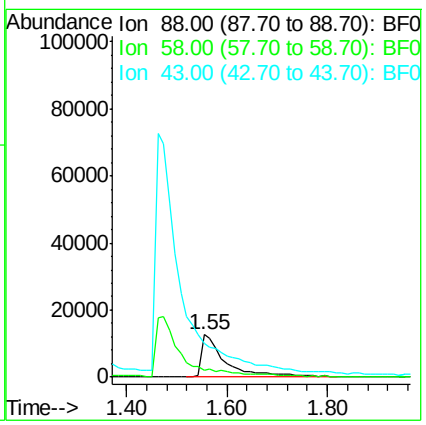


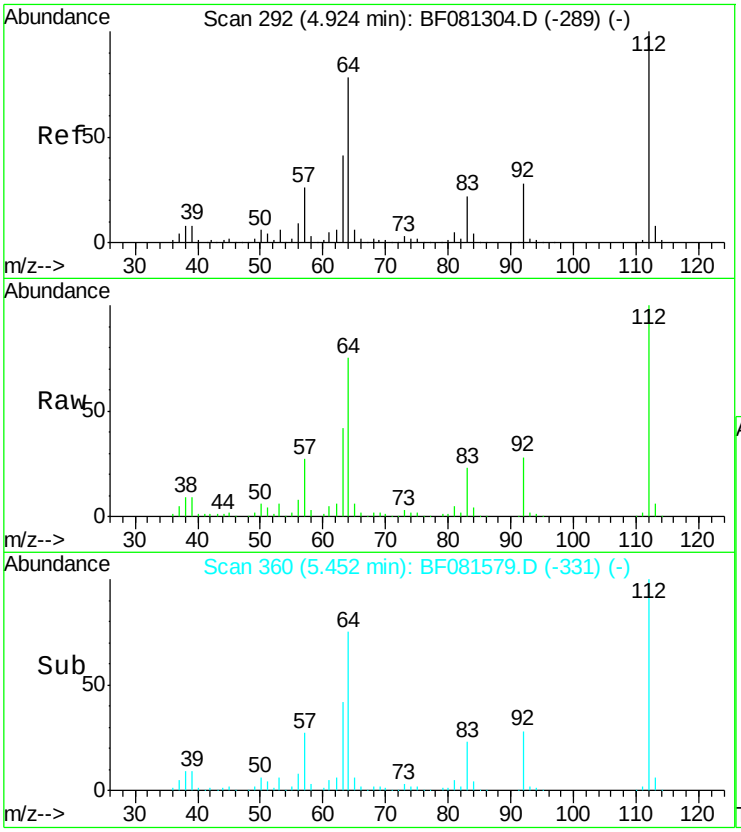


#2
1,4-Dioxane
Concen: 33.10 ng
RT: 1.55 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion: 88 Resp: 42483

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



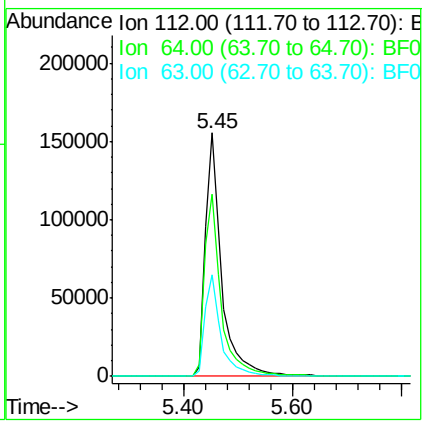


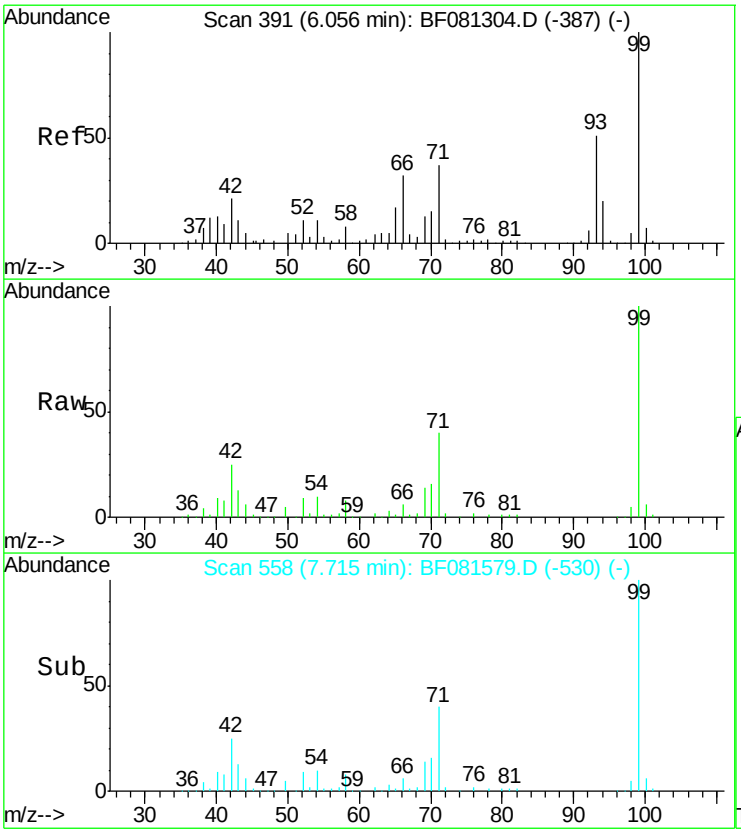
#5
2-Fluorophenol
Concen: 113.56 ng
RT: 5.45 min Scan# 360
Delta R.T. 0.03 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:112 Resp: 324507

Ion	Ratio	Lower	Upper
112	100		
64	75.0	39.7	59.5#
63	41.9	17.4	26.0#

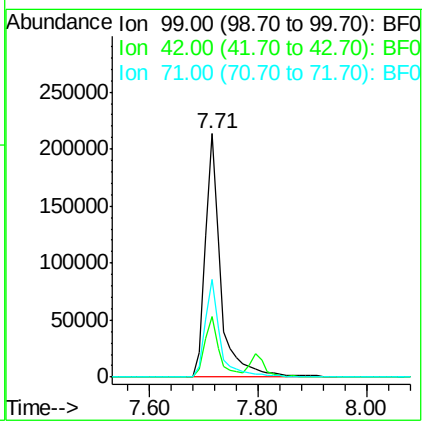


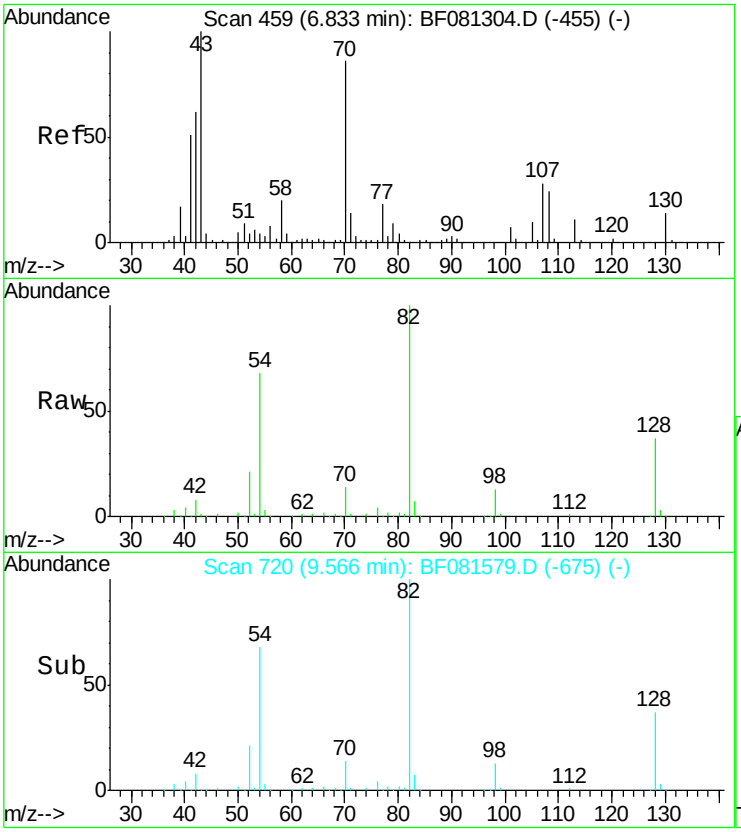


#7
Phenol-d6
Concen: 111.31 ng
RT: 7.71 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion: 99 Resp: 421015

Ion	Ratio	Lower	Upper
99	100		
42	24.9	13.7	20.5#
71	40.3	14.2	21.2#



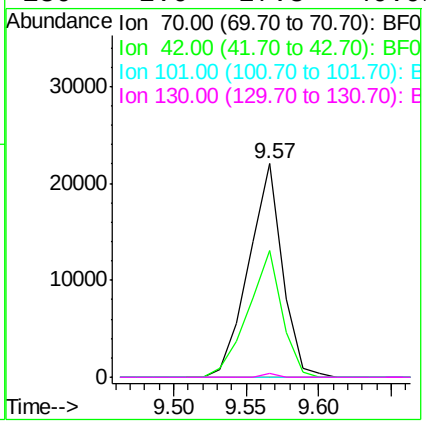


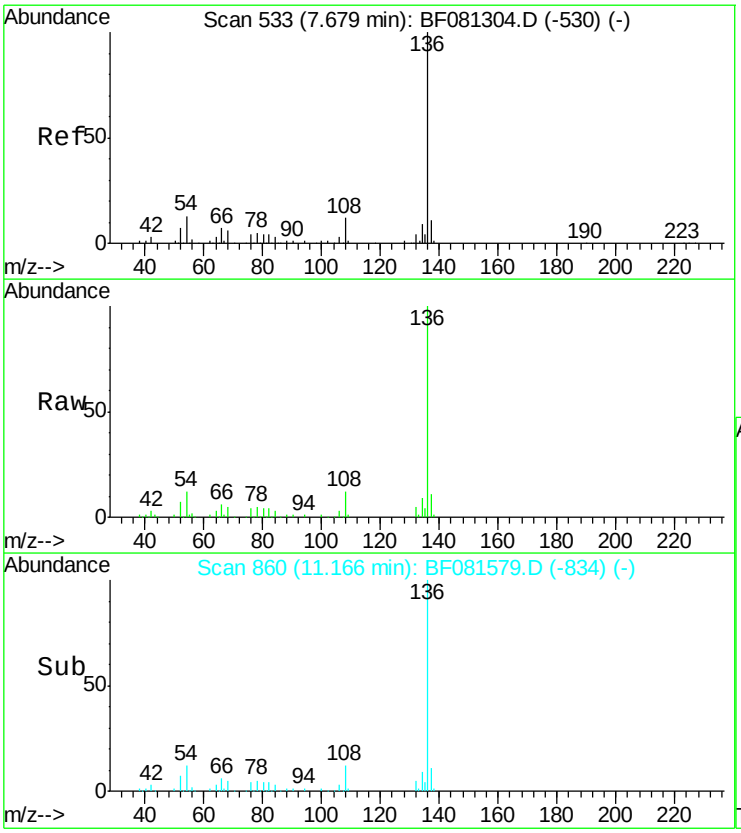
#19
n-Nitroso-di-n-propylamine
Concen: 13.80 ng
RT: 9.57 min Scan# 720
Delta R.T. 0.22 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion: 70 Resp: 35526

Ion	Ratio	Lower	Upper
70	100		
42	59.5	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#

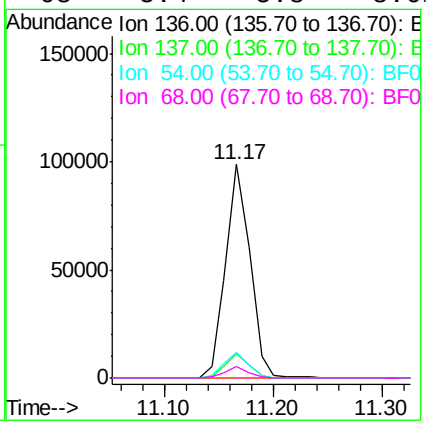


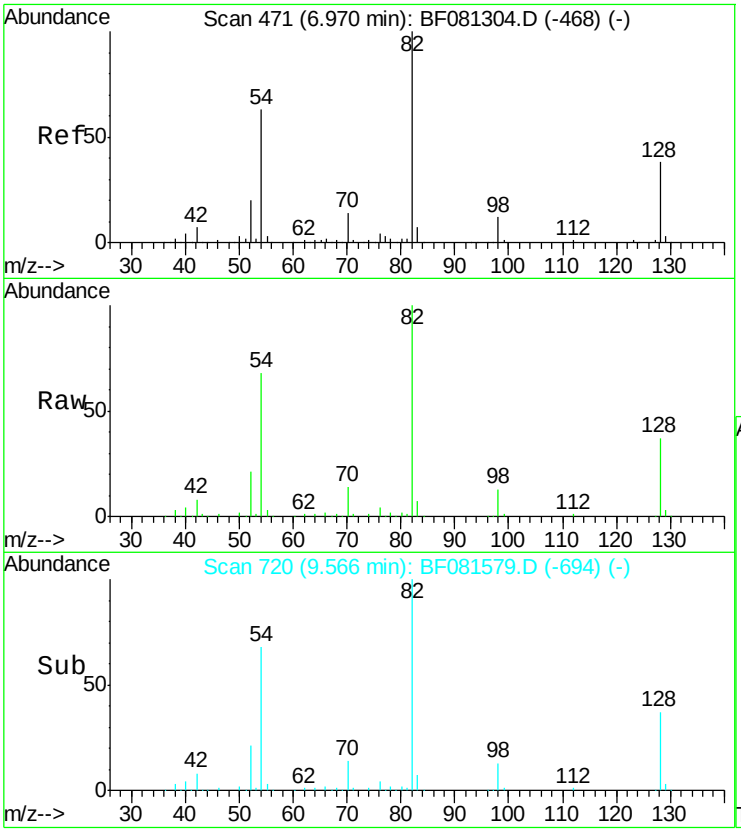


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.17 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:136 Resp: 152241

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	12.3	8.2	12.2#
68	5.4	5.8	8.6#



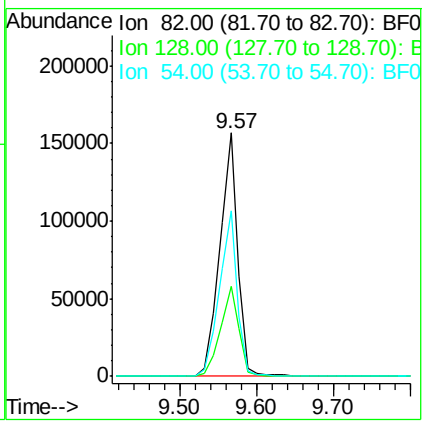


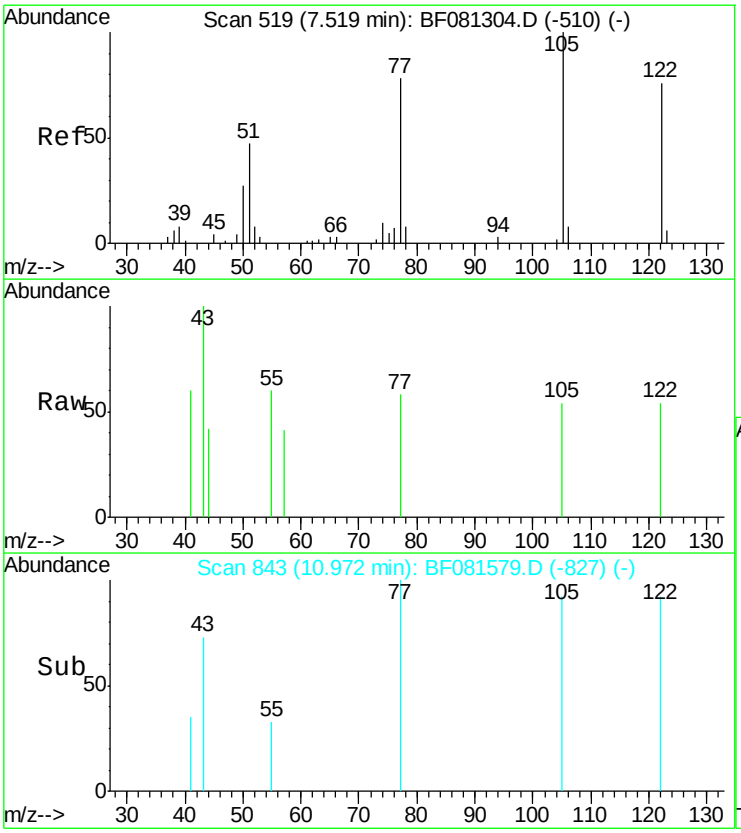
#23
Nitrobenzene-d5
Concen: 82.19 ng
RT: 9.57 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion: 82 Resp: 259362

Ion	Ratio	Lower	Upper
82	100		
128	37.1	51.0	76.6#
54	67.8	47.5	71.3

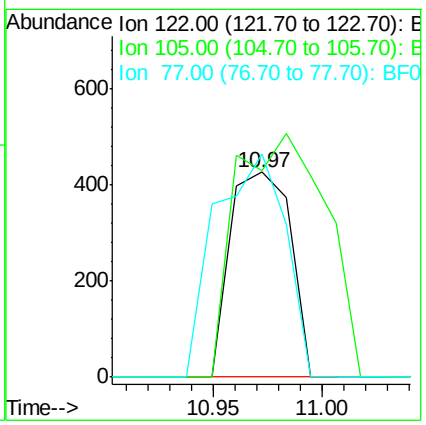


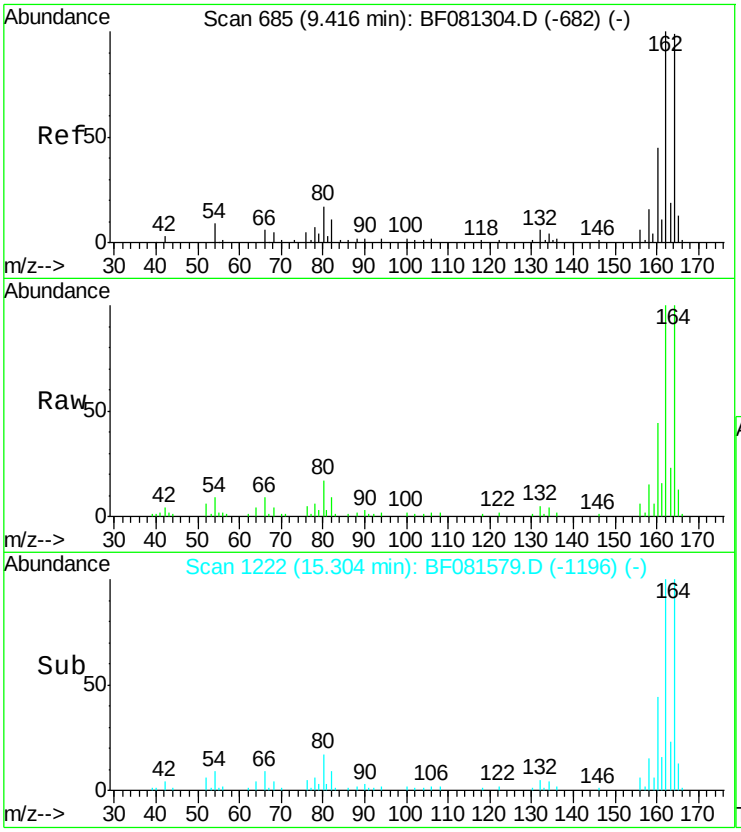


#32
Benzoic acid
Concen: 2.98 ng
RT: 10.97 min Scan# 843
Delta R.T. -0.11 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:122 Resp: 820

Ion	Ratio	Lower	Upper
122	100		
105	100.7	76.1	116.1
77	108.9	40.5	80.5#



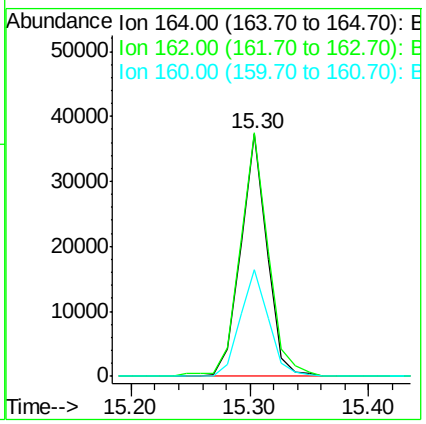


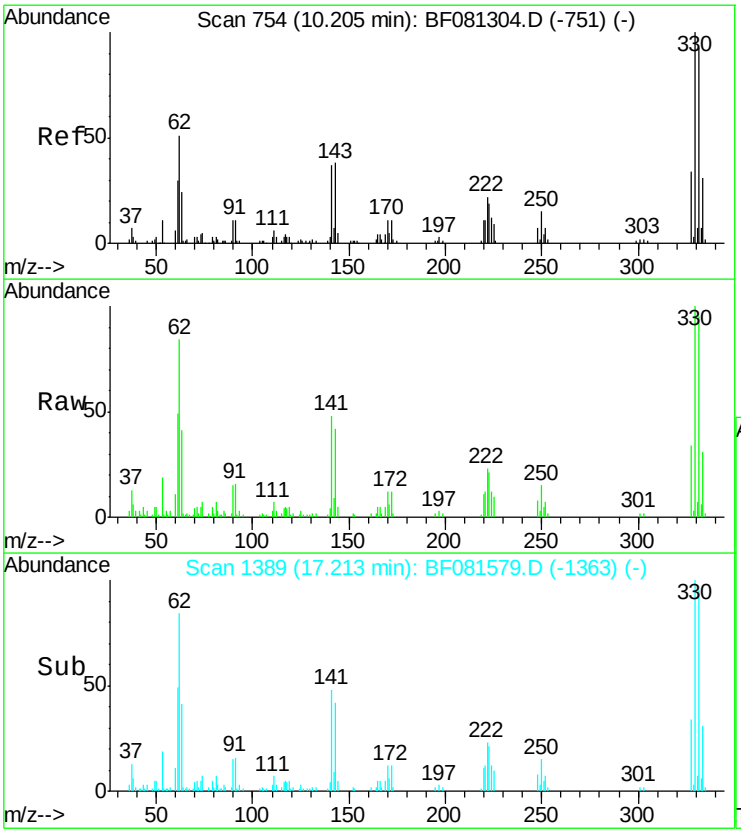
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.30 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:164 Resp: 57665

Ion	Ratio	Lower	Upper
164	100		
162	100.3	75.2	112.8
160	44.0	31.5	47.3

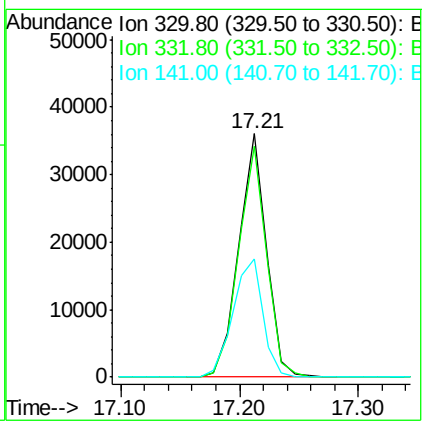


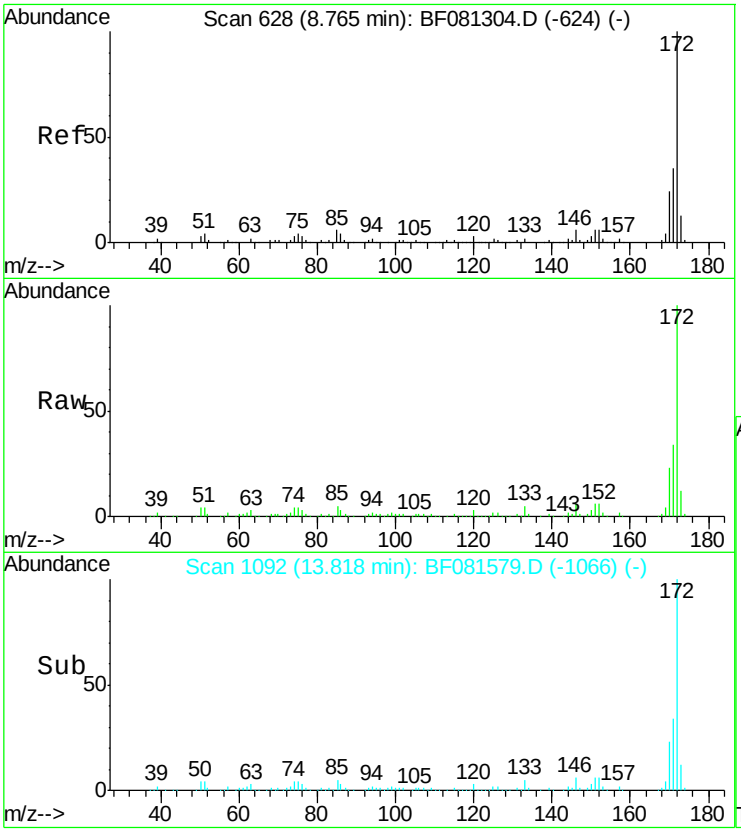


#41
2,4,6-Tribromophenol
Concen: 114.21 ng
RT: 17.21 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:330 Resp: 58642

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	114.8
141	52.3	29.7	44.5#



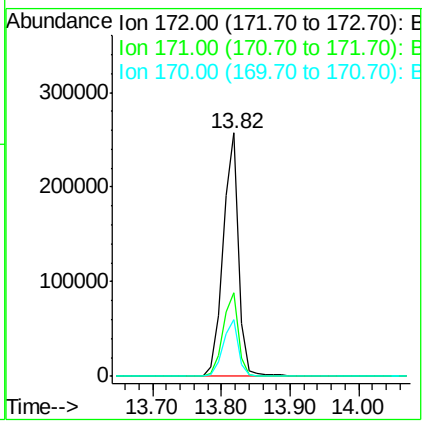


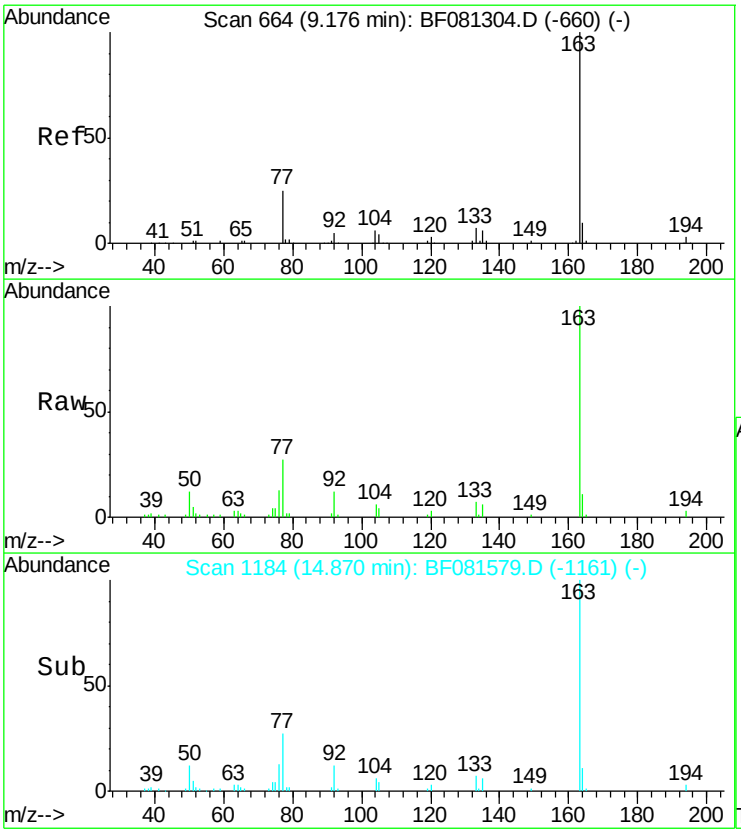
#44
2-Fluorobiphenyl
Concen: 90.56 ng
RT: 13.82 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:172 Resp: 407513

Ion	Ratio	Lower	Upper
172	100		
171	34.1	26.1	39.1
170	23.4	17.4	26.2

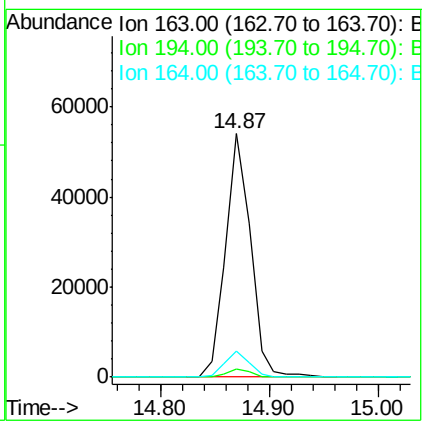


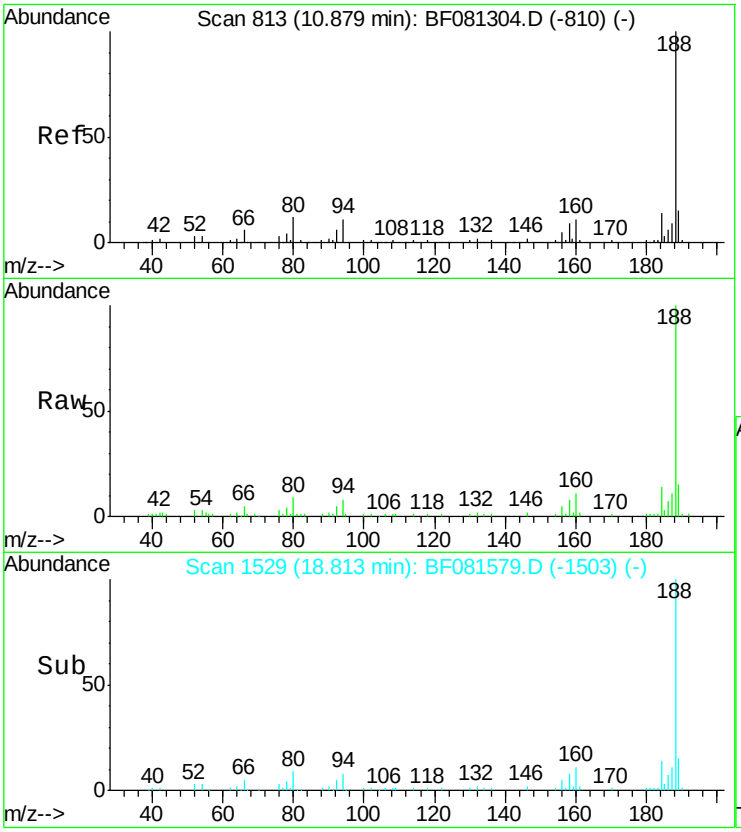


#49
Dimethylphthalate
Concen: 19.09 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:163 Resp: 85534

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.9	8.3	12.5



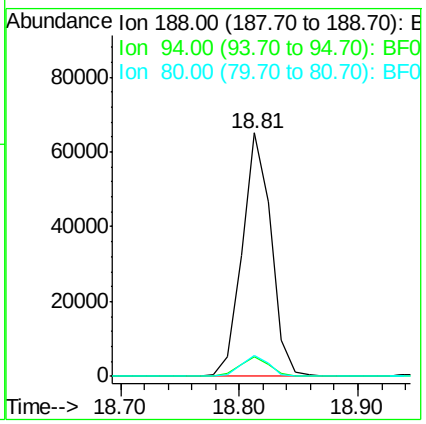


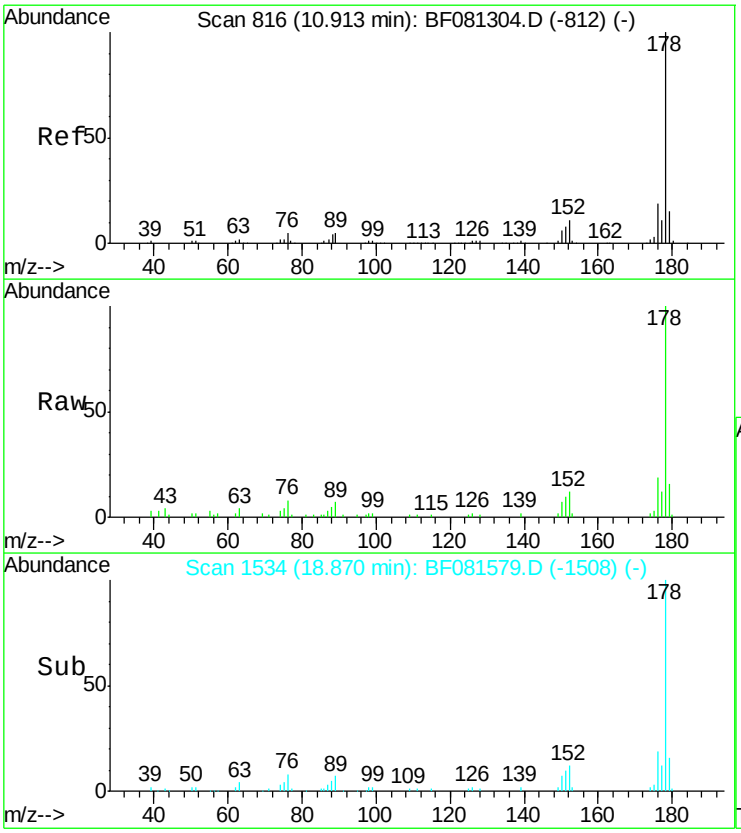
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.81 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:188 Resp: 110189

Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	8.7	11.0	16.4#

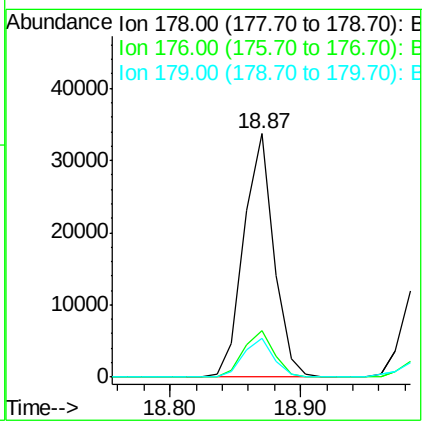


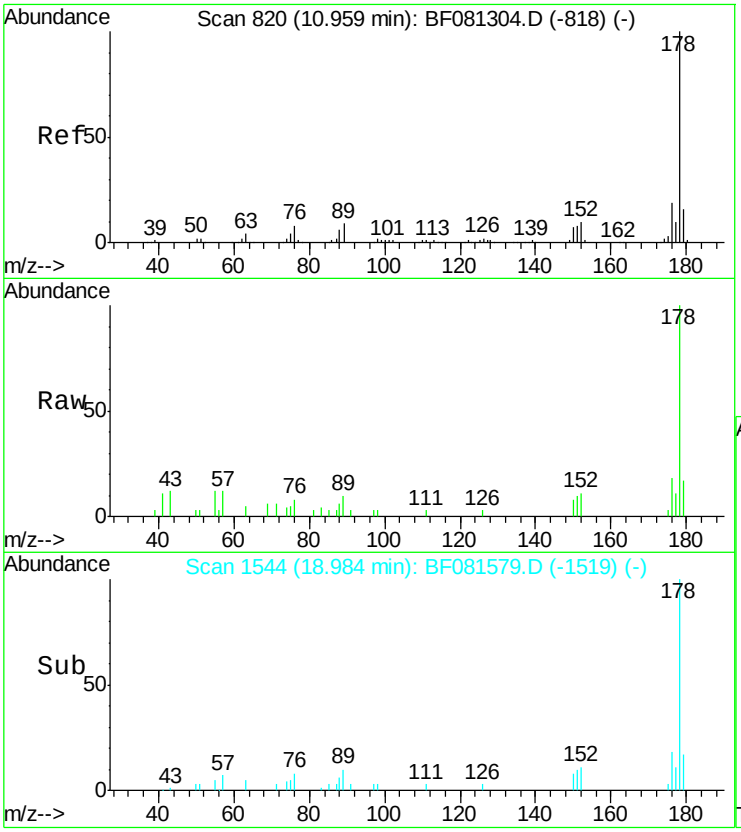


#70
Phenanthrene
Concen: 8.82 ng
RT: 18.87 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:178 Resp: 54007

Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	15.7	12.2	18.2



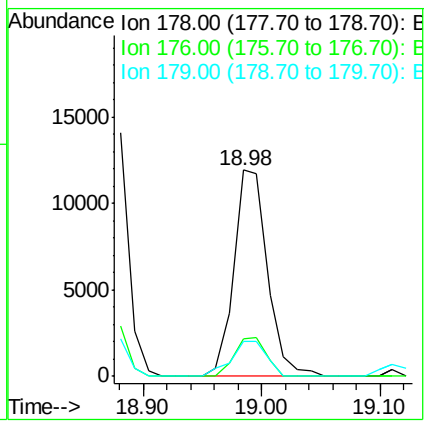


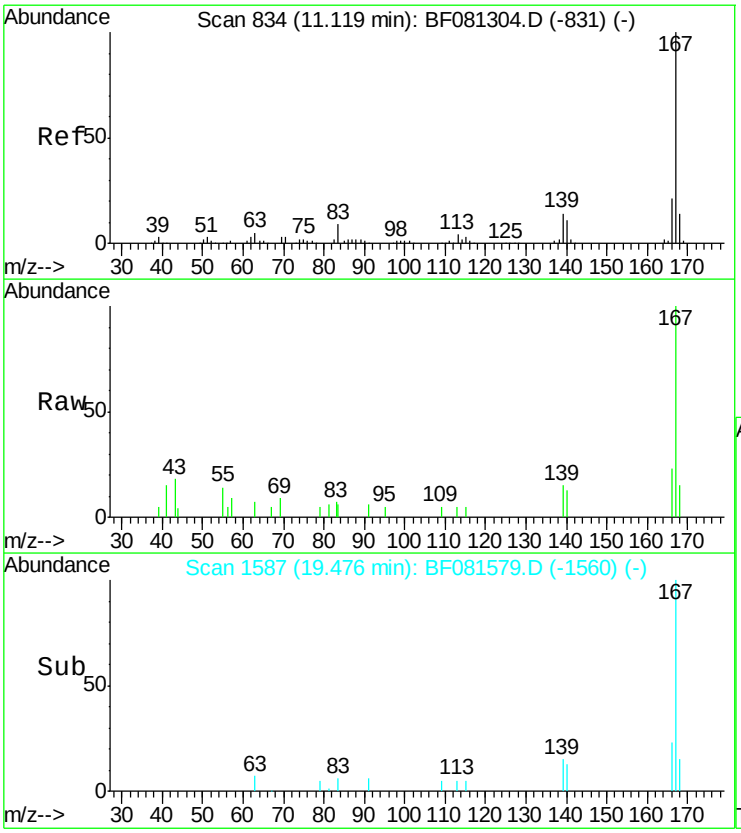
#71
Anthracene
Concen: 3.74 ng
RT: 18.98 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:178 Resp: 23560

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.1	21.1
179	17.0	12.2	18.2

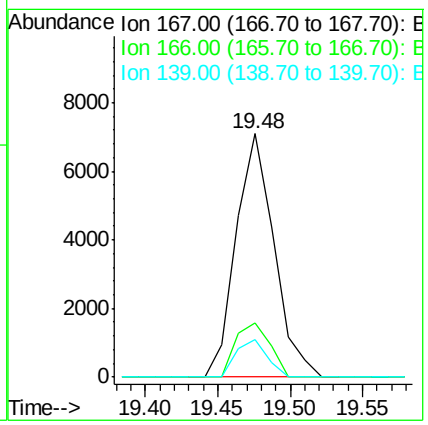


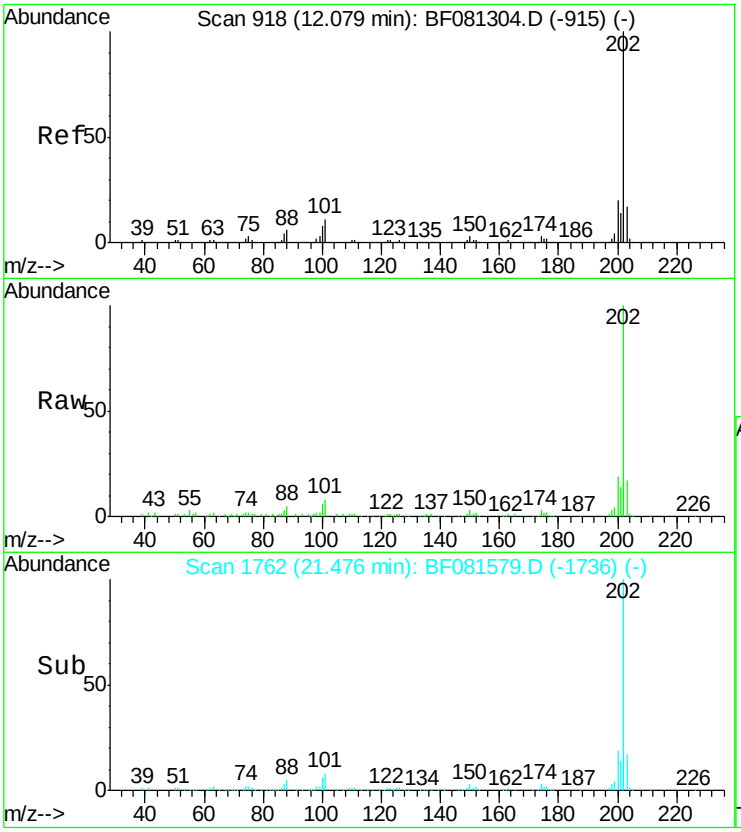


#72
Carbazole
Concen: 2.19 ng
RT: 19.48 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:167 Resp: 12923

Ion	Ratio	Lower	Upper
167	100		
166	22.5	15.7	23.5
139	15.3	9.5	14.3#



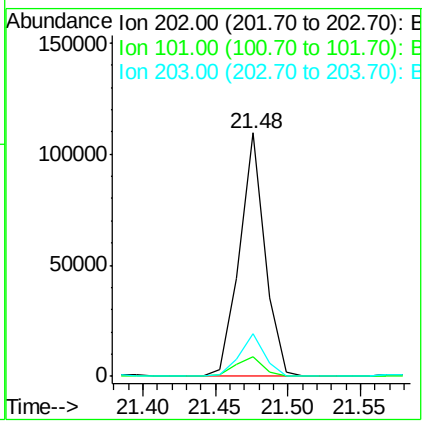


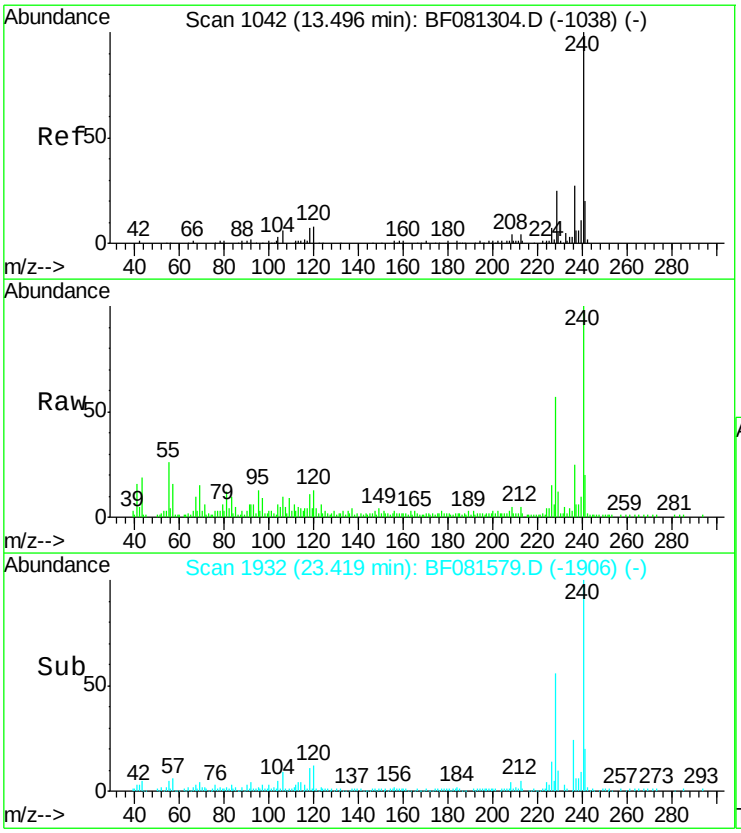
#74
Fluoranthene
Concen: 20.17 ng
RT: 21.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:202 Resp: 133775

Ion	Ratio	Lower	Upper
202	100		
101	7.9	0.0	38.3
203	17.3	0.0	37.3

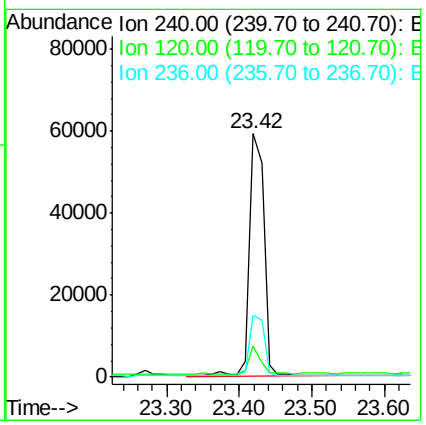


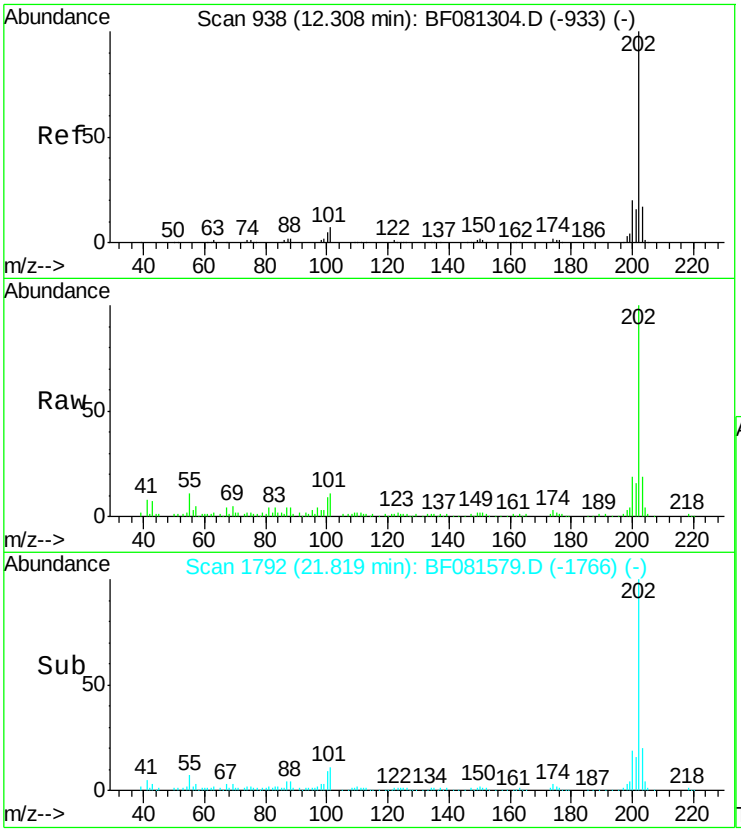


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:240 Resp: 83815

Ion	Ratio	Lower	Upper
240	100		
120	13.0	16.2	24.2#
236	25.4	18.4	27.6



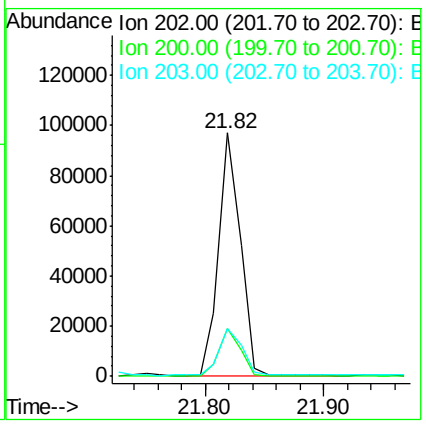


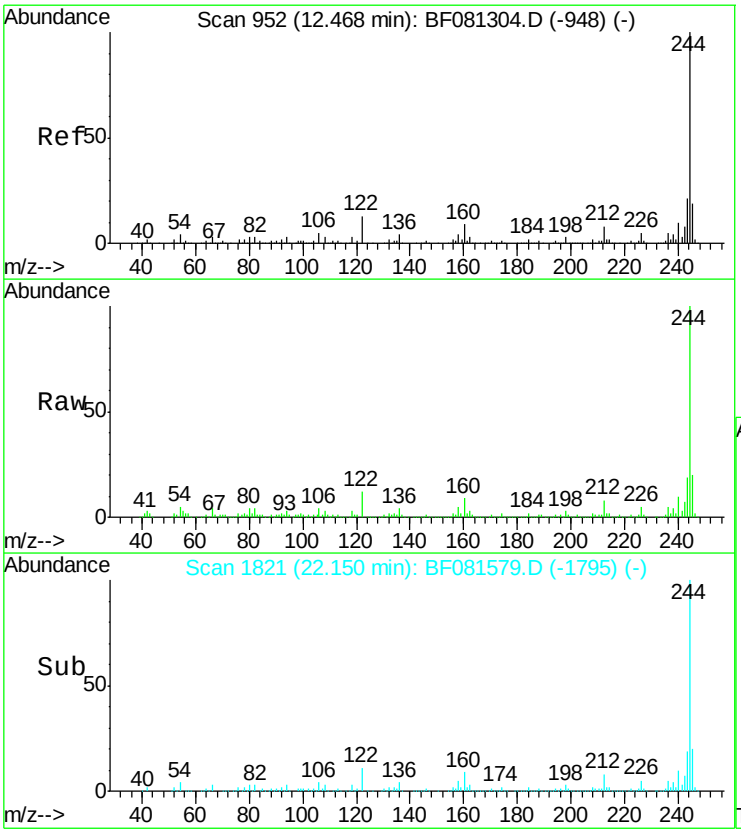
#77
Pyrene
Concen: 20.02 ng
RT: 21.82 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:202 Resp: 124285

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.0	22.4
203	19.4	14.1	21.1

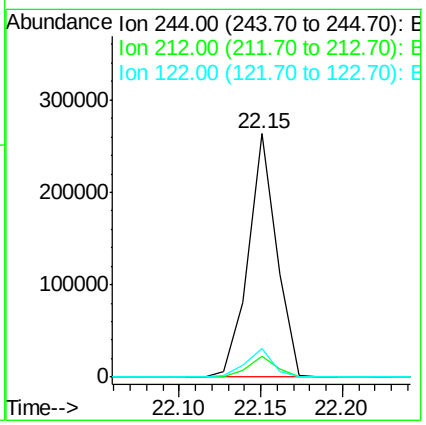


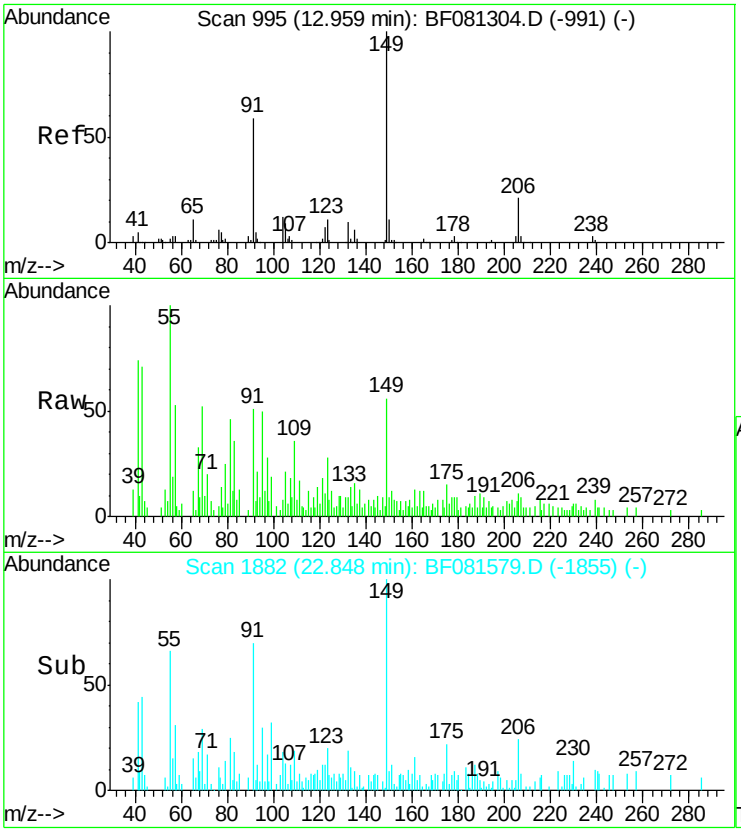


#78
Terphenyl-d14
Concen: 88.25 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:244 Resp: 317740

Ion	Ratio	Lower	Upper
244	100		
212	8.5	4.3	6.5#
122	11.7	17.4	26.2#



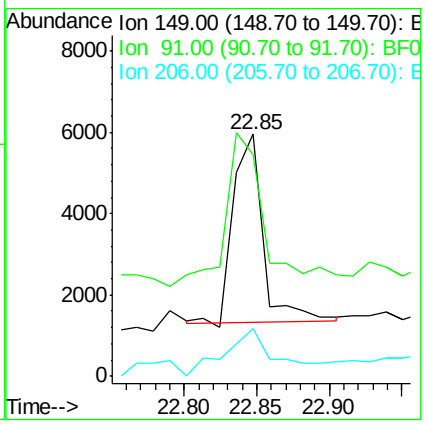


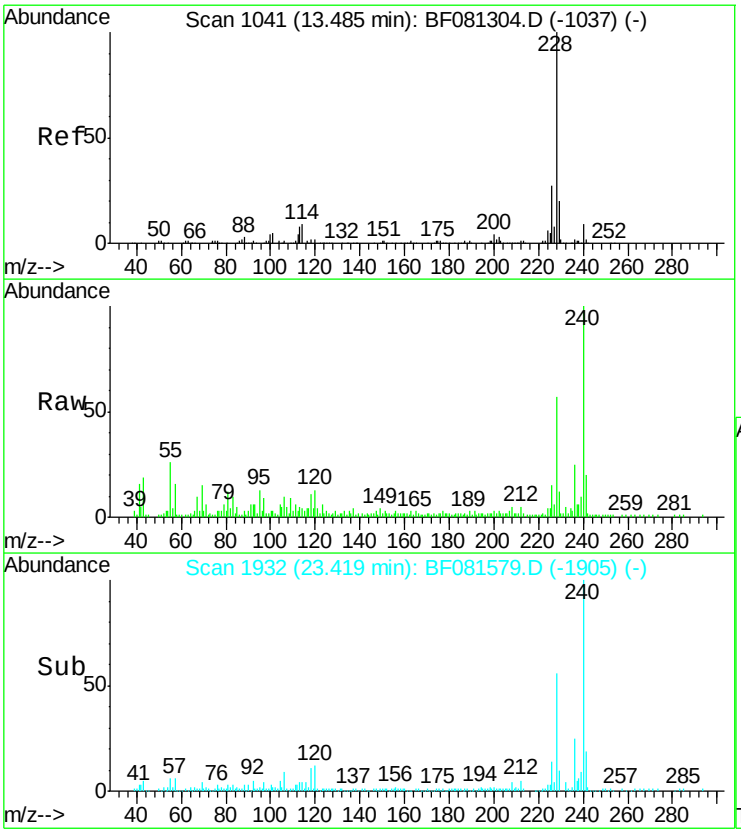
#79
Butylbenzylphthalate
Concen: 2.45 ng
RT: 22.85 min Scan# 1882
Delta R.T. 0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:149 Resp: 6605

Ion	Ratio	Lower	Upper
149	100		
91	92.0	48.6	72.8#
206	19.9	14.9	22.3

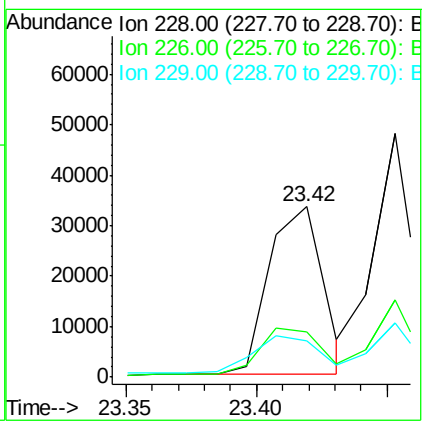


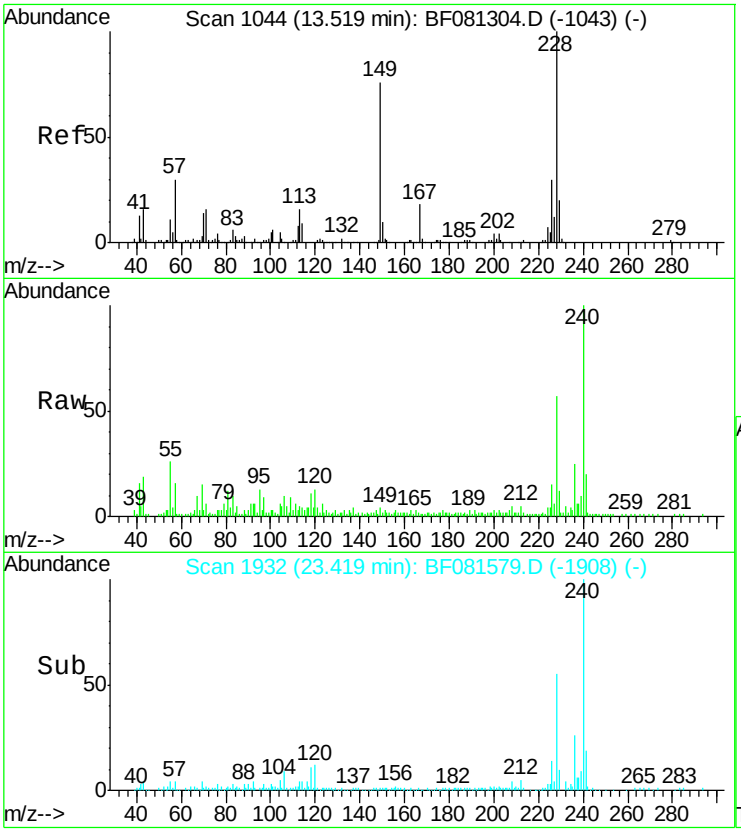


#80
Benzo(a)anthracene
Concen: 8.96 ng
RT: 23.42 min Scan# 1932
Delta R.T. 0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:228 Resp: 47832

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.0	30.0
229	20.9	15.4	23.2



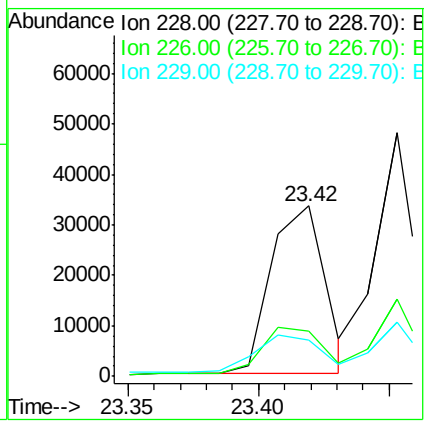


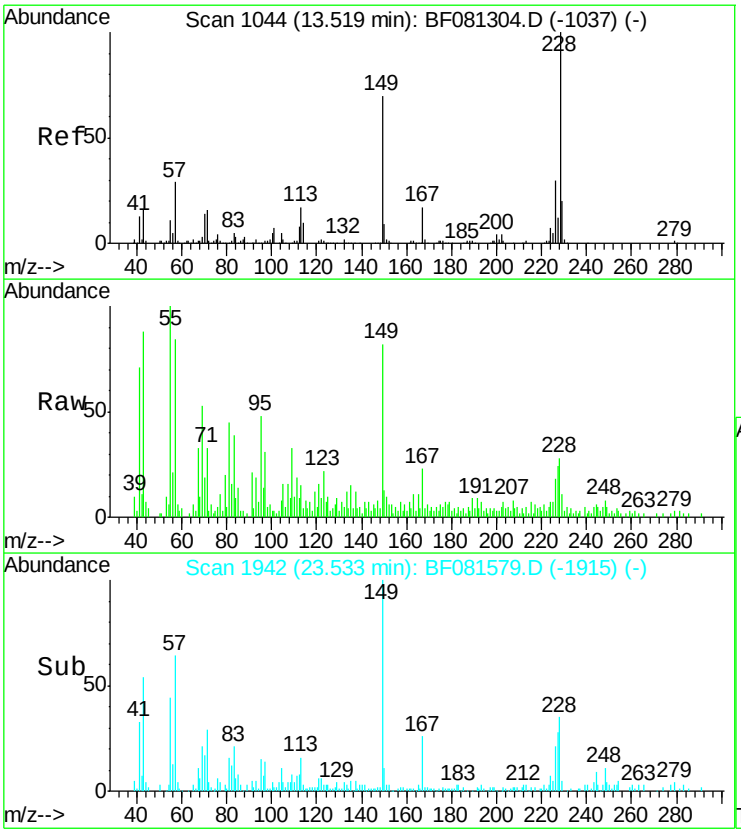
#82
Chrysene
Concen: 10.00 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:228 Resp: 47832

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	20.9	15.6	23.4

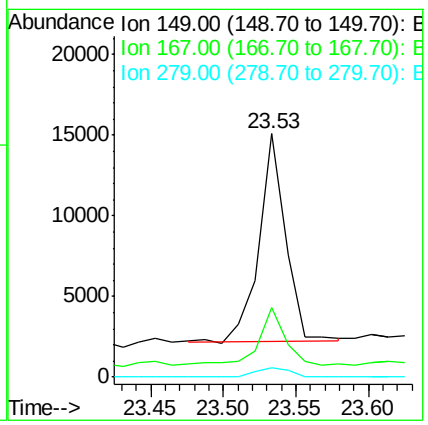


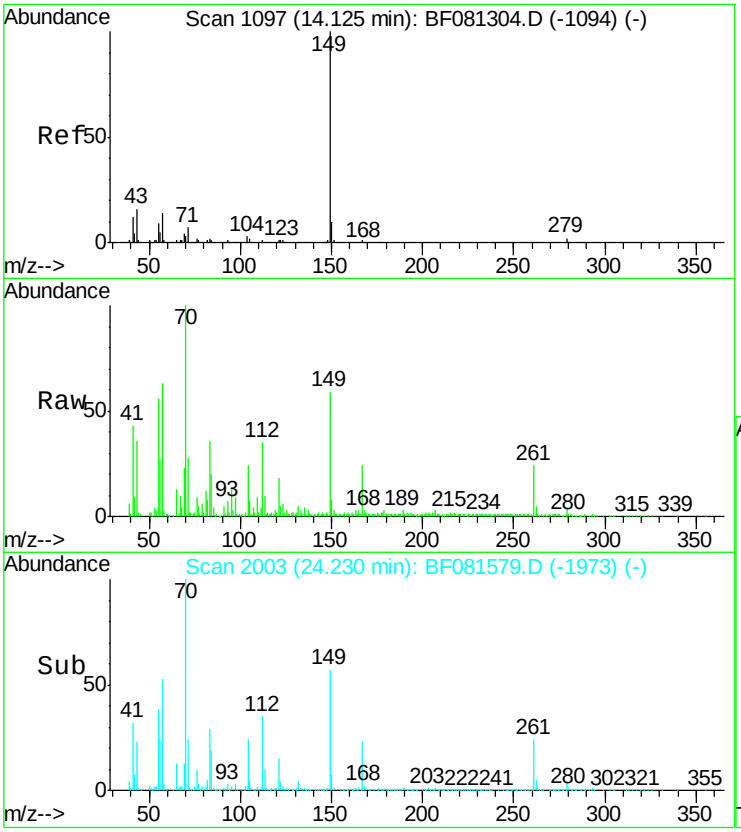


#83
Bis(2-ethylhexyl)phthalate
Concen: 4.54 ng
RT: 23.53 min Scan# 1942
Delta R.T. 0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:149 Resp: 16182

Ion	Ratio	Lower	Upper
149	100		
167	28.4	24.2	36.2
279	3.7	3.8	5.6#



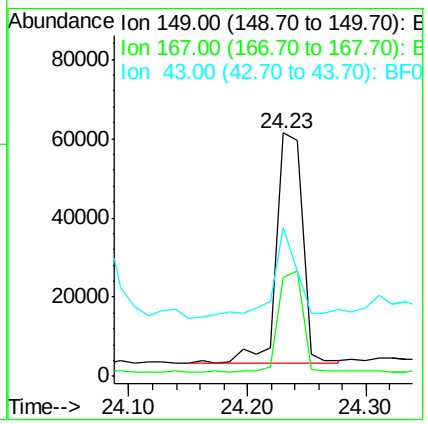


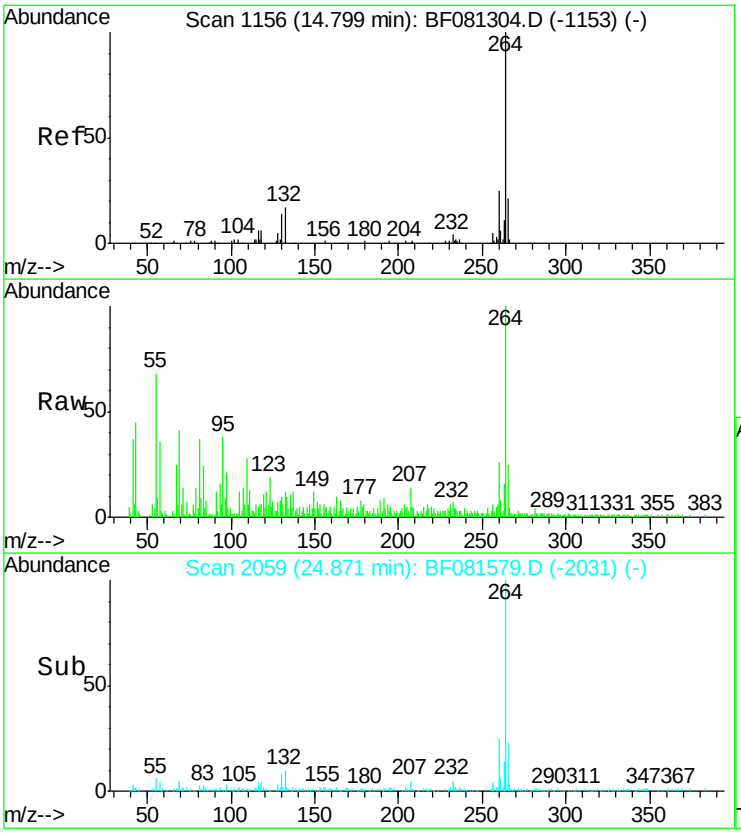
#84
Di-n-octyl phthalate
Concen: 15.01 ng
RT: 24.23 min Scan# 2003
Delta R.T. 0.05 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:149 Resp: 88097

Ion	Ratio	Lower	Upper
149	100		
167	40.6	1.0	1.6#
43	34.7	10.2	15.2#

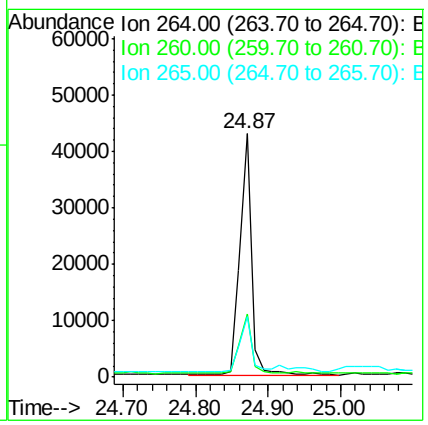


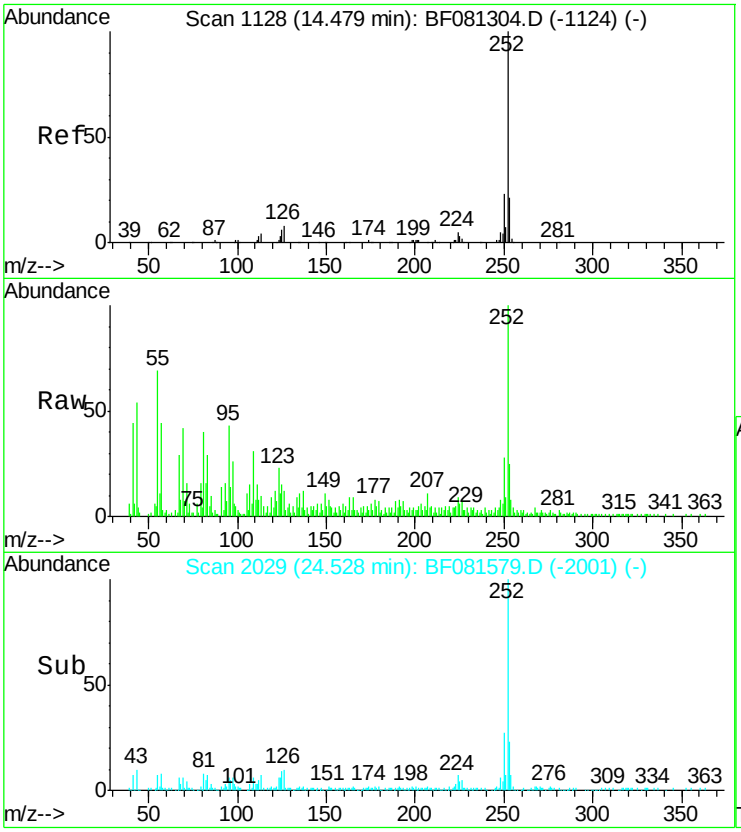


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.87 min Scan# 2059
Delta R.T. 0.02 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:264 Resp: 48008

Ion	Ratio	Lower	Upper
264	100		
260	26.1	16.7	25.1#
265	24.7	17.2	25.8



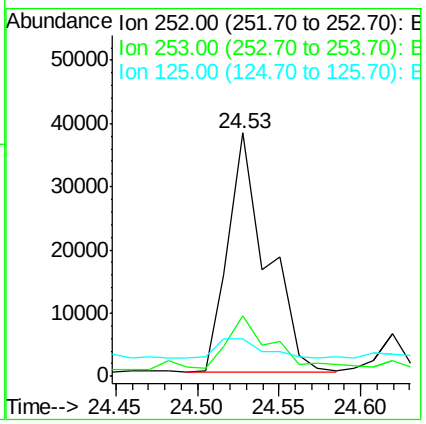


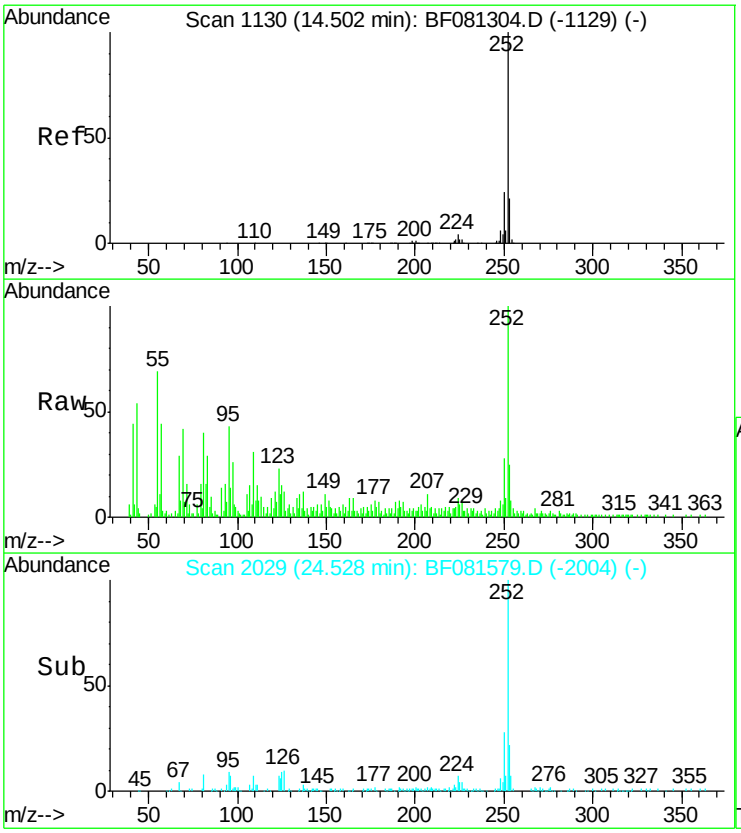
#87
Benzo(b)fluoranthene
Concen: 18.22 ng
RT: 24.53 min Scan# 2029
Delta R.T. 0.02 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:252 Resp: 62438

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	15.5	17.1	25.7#

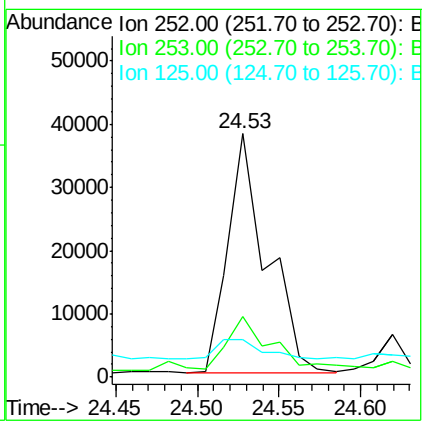


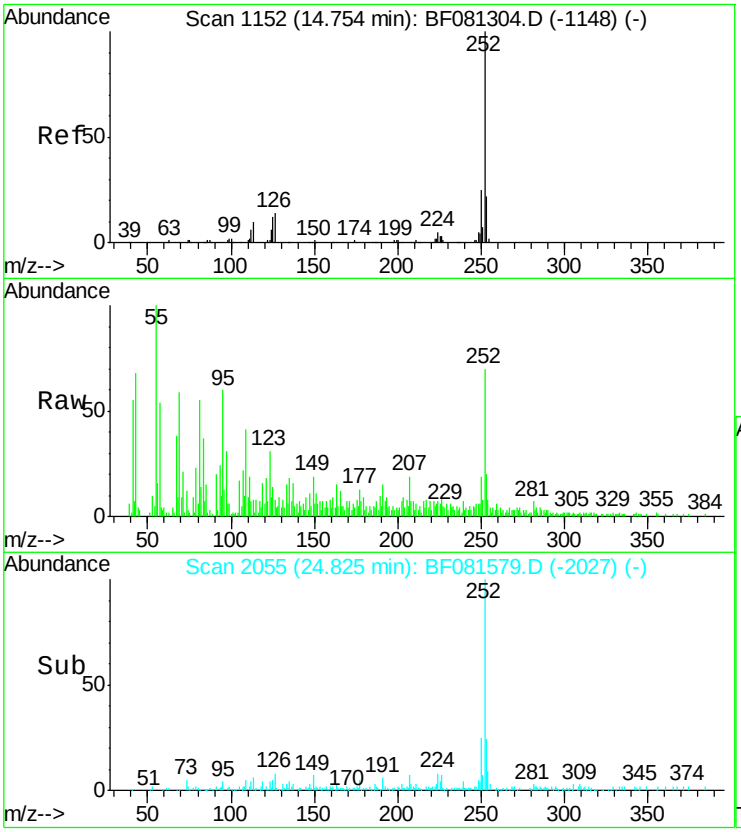


#88
Benzo(k)fluoranthene
Concen: 21.95 ng
RT: 24.53 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:252 Resp: 62438

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.0	25.4
125	15.5	16.0	24.0#



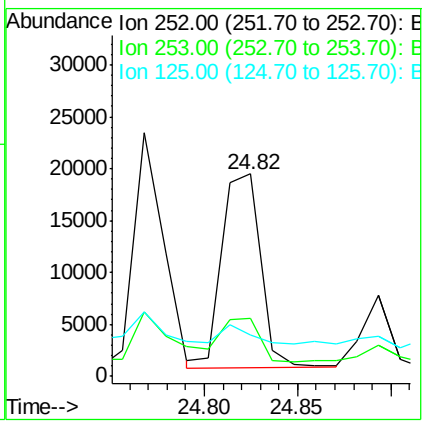


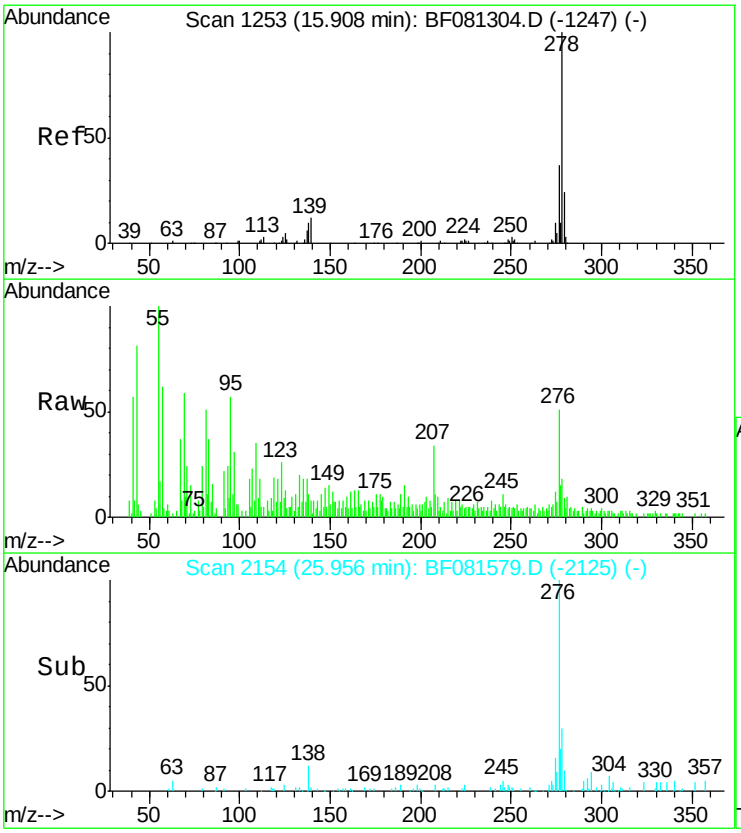
#89
Benzo(a)pyrene
Concen: 9.43 ng
RT: 24.82 min Scan# 2055
Delta R.T. 0.02 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:252 Resp: 27376

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.2	25.8#
125	20.7	18.0	27.0

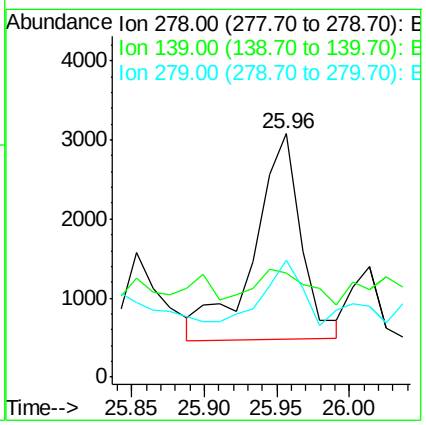


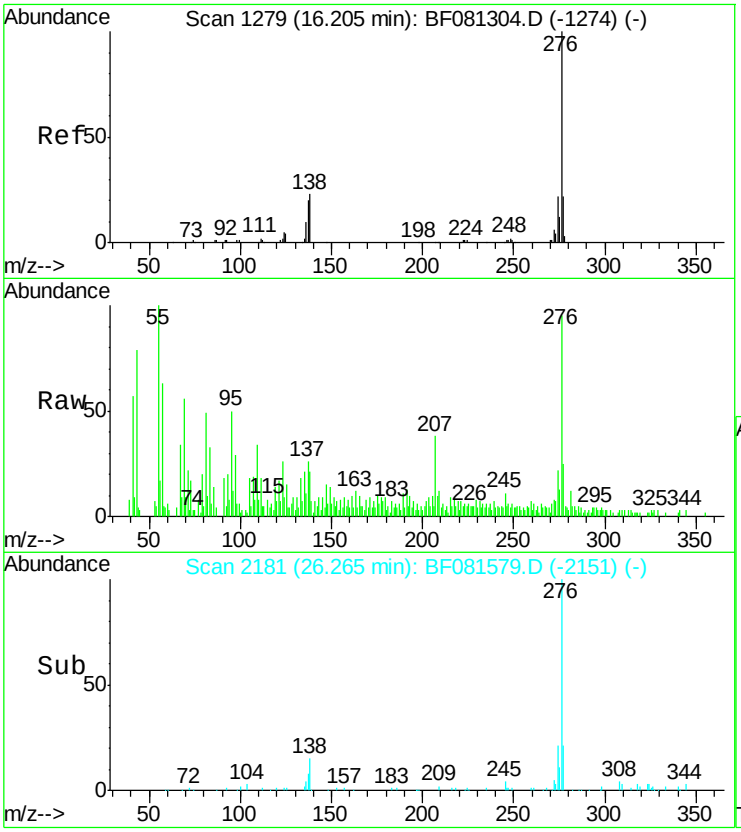


#90
Dibenzo(a,h)anthracene
Concen: 2.62 ng
RT: 25.96 min Scan# 2154
Delta R.T. 0.03 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Tgt Ion:278 Resp: 5879

Ion	Ratio	Lower	Upper
278	100		
139	42.9	26.3	39.5#
279	47.9	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 11.61 ng
RT: 26.26 min Scan# 2181
Delta R.T. 0.05 min
Lab File: BF081579.D
Acq: 10 Sep 2015 22:10

Instrument :
BNA_F
ClientSampleId :
TYB5(1.5-2)

Tgt Ion:276 Resp: 24869

Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.8	26.6
138	21.6	34.6	51.8#