Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081622.D
Acq On : 15 Sep 2015 2:08
Operator : UM/IZ
Sample : G3597-14 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-14(0-5)

Quant Time: Sep 15 04:41:25 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	46978	20.00	ng		0.00
21) Naphthalene-d8	11.13	136	186355	20.00	ng		0.00
38) Acenaphthene-d10	15.27	164	82463	20.00	ng		0.00
63) Phenanthrene-d10	18.78	188	142836	20.00	ng		0.01
75) Chrysene-d12	23.40	240	98913	20.00	ng		0.00
86) Perylene-d12	24.82	264	63811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	54456	17.98	ng		0.01
7) Phenol-d6	7.66	99	77643	19.37	ng		0.00
23) Nitrobenzene-d5	9.52	82	50929	13.19	ng		-0.02
41) 2,4,6-Tribromophenol	17.17	330	10954	14.92	ng		-0.01
44) 2-Fluorobiphenyl	13.77	172	91663	14.24	ng		-0.01
78) Terphenyl-d14	22.12	244	56653	13.33	ng		0.00
Target Compounds							Qvalue
49) Dimethylphthalate	14.84	163	18556	2.90	ng	#	98
70) Phenanthrene	18.82	178	45980	5.79	ng		97
74) Fluoranthene	21.44	202	130961	15.23	ng		88
76) Benzidine	21.76	184	15154	3.57	ng	#	95
77) Pyrene	21.78	202	121125	16.53	ng		99
80) Benzo(a)anthracene	23.38	228	56821	9.02	ng		96
82) Chrysene	23.42	228	69051	12.23	ng		95
83) Bis(2-ethylhexyl)phthalate	23.50	149	8770	2.09	ng	#	89
85) Indeno(1,2,3-cd)pyrene	25.89	276	17446m	4.21	ng		
87) Benzo(b)fluoranthene	24.49	252	79186m	17.38	ng		
88) Benzo(k)fluoranthene	24.52	252	21304m	5.64	ng		
89) Benzo(a)pyrene	24.78	252	41049	10.63	ng	#	88
91) Benzo(g,h,i)perylene	26.20	276	18713	6.57	ng	#	78

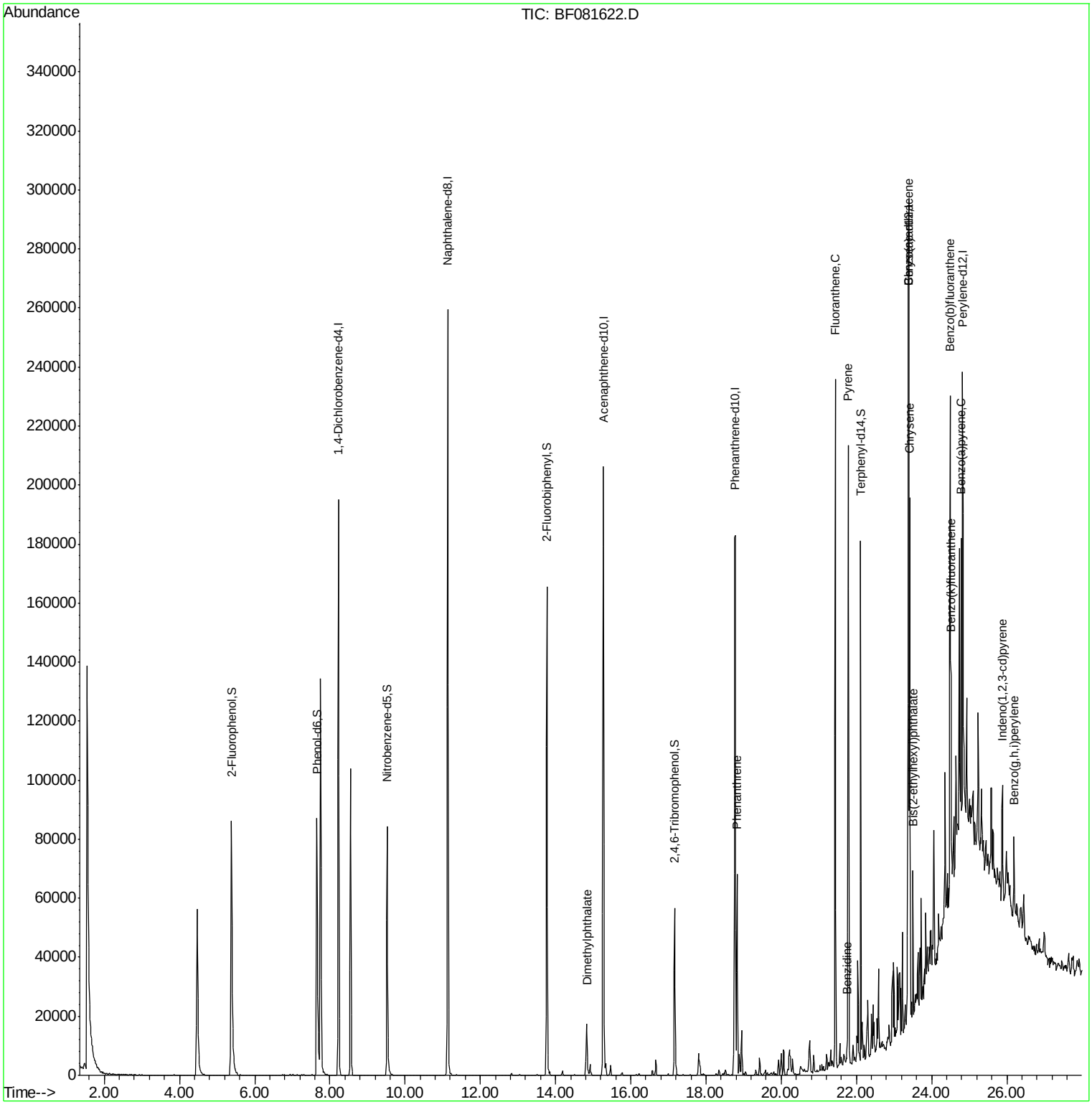
(#) = qualifier out of range (m) = manual integration (+) = signals summed

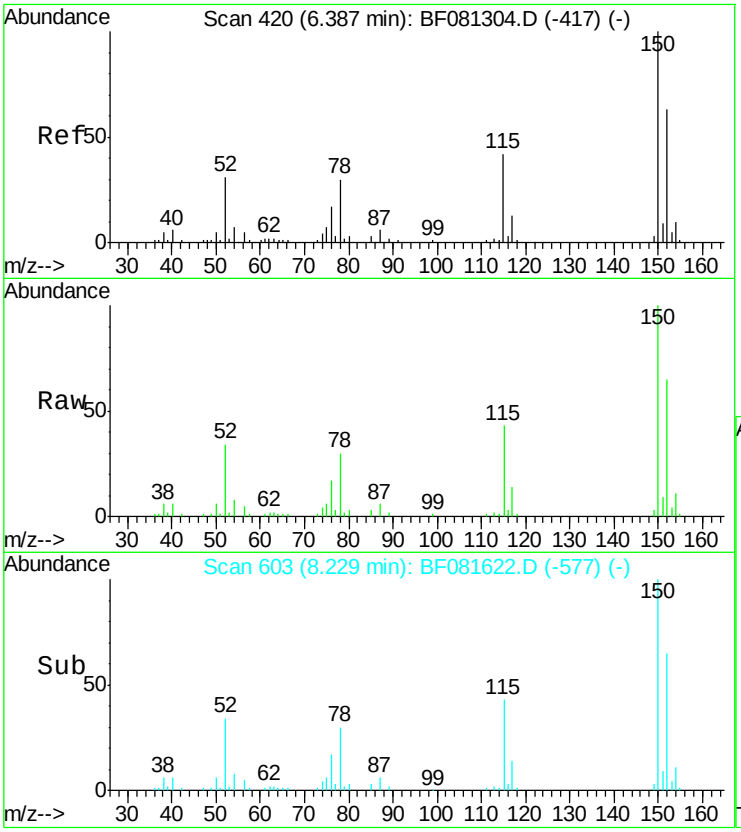
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081622.D
Acq On : 15 Sep 2015 2:08
Operator : UM/IZ
Sample : G3597-14 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Quant Time: Sep 15 04:41:25 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



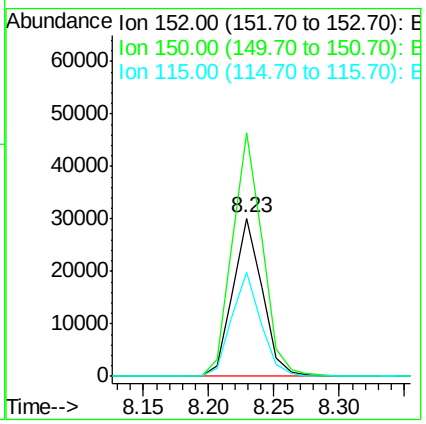


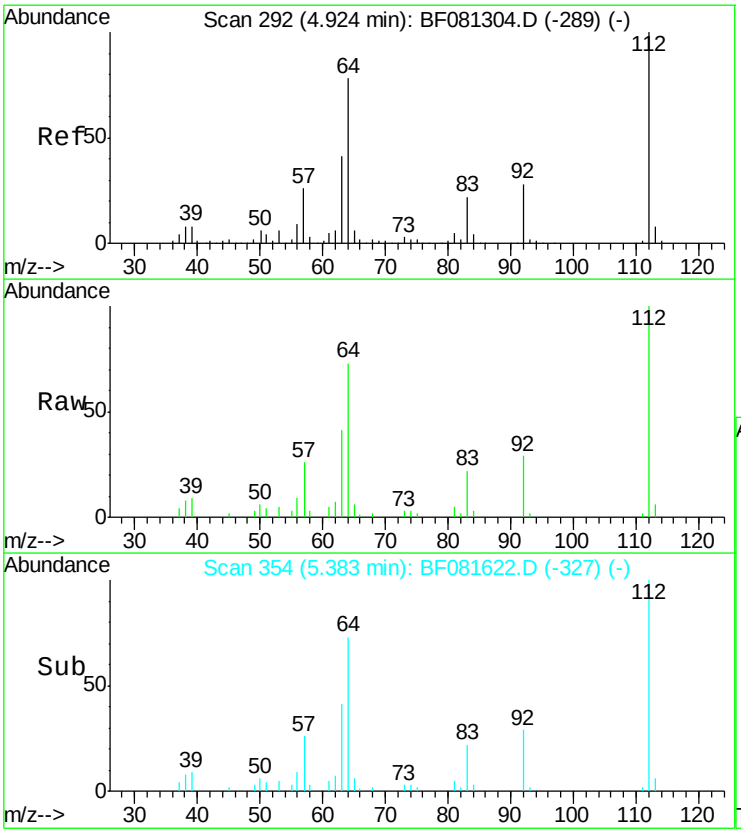
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:152 Resp: 46978

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.7	187.1
115	66.0	39.0	58.4#

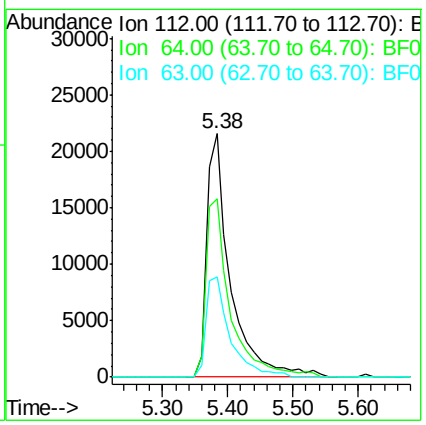


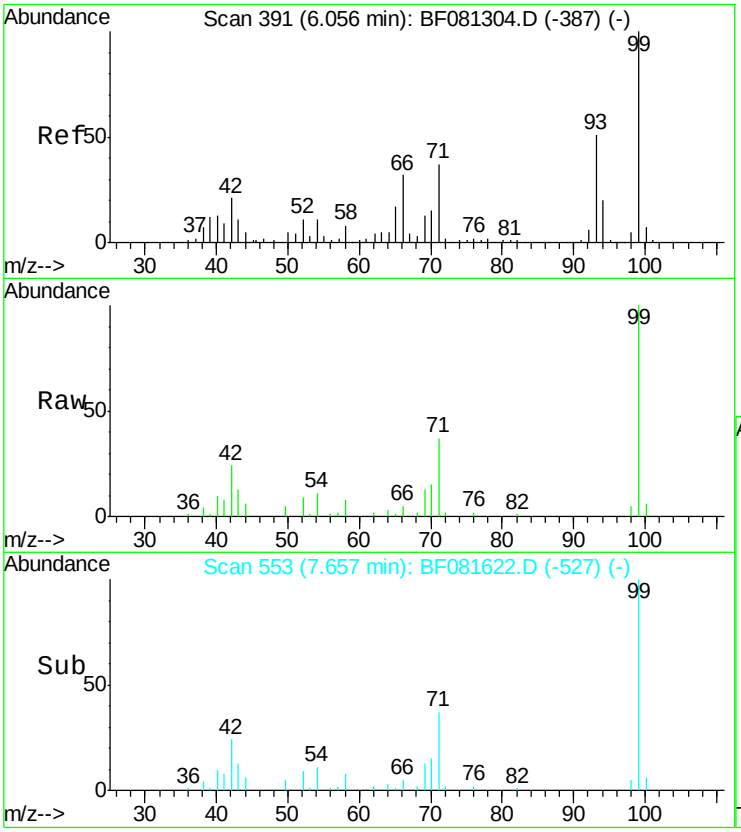


#5
2-Fluorophenol
Concen: 17.98 ng
RT: 5.38 min Scan# 354
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:112 Resp: 54456

Ion	Ratio	Lower	Upper
112	100		
64	73.3	39.7	59.5#
63	41.3	17.4	26.0#



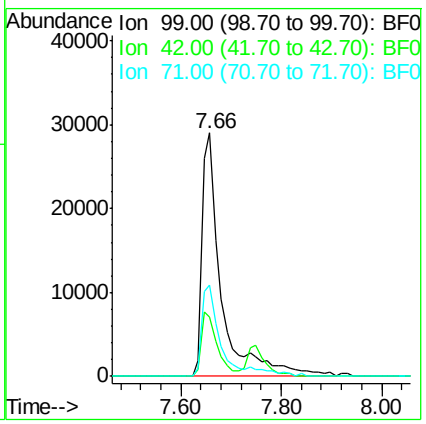


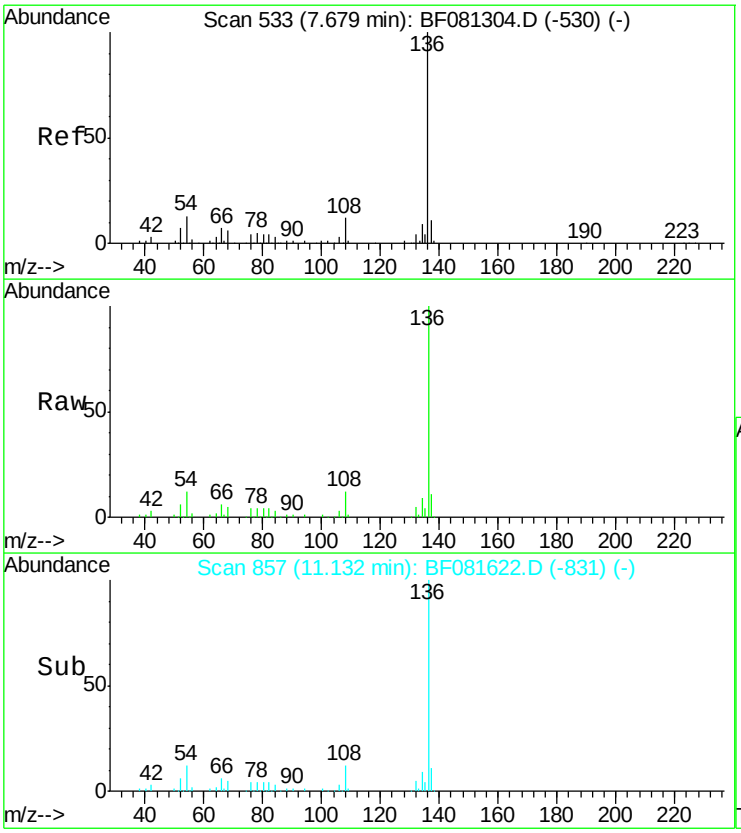
#7
Phenol-d6
Concen: 19.37 ng
RT: 7.66 min Scan# 553
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion: 99 Resp: 77643

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.7	20.5#
71	37.3	14.2	21.2#

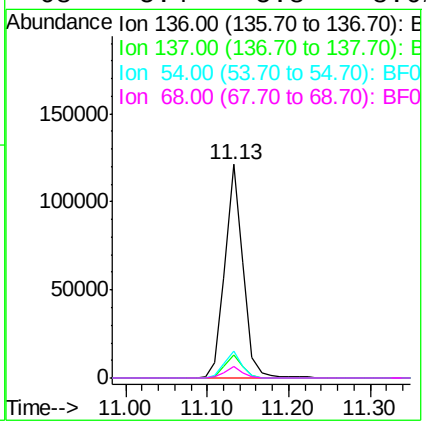


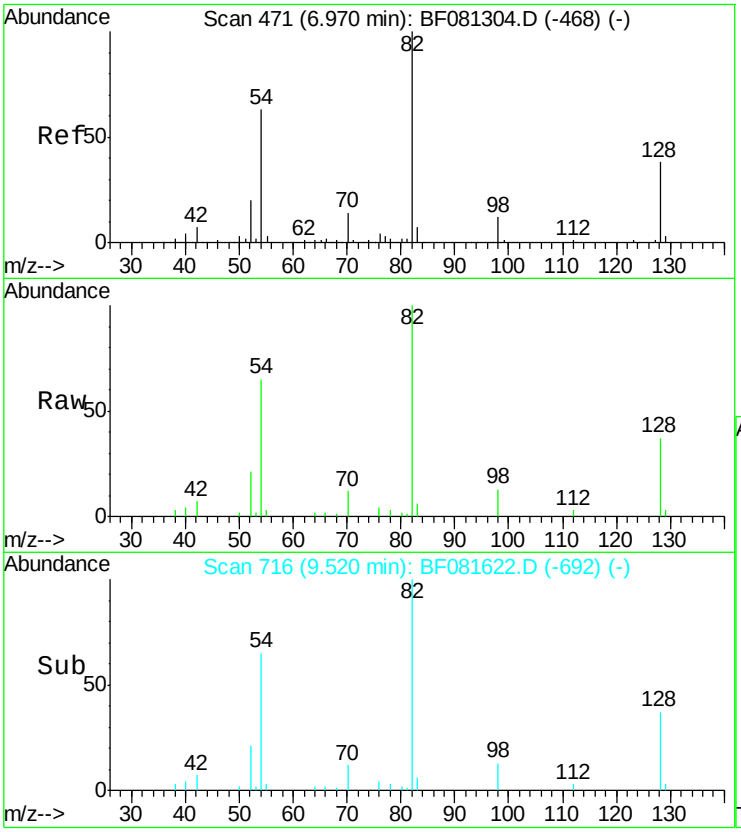


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:136 Resp: 186355

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	12.3	8.2	12.2#
68	5.4	5.8	8.6#



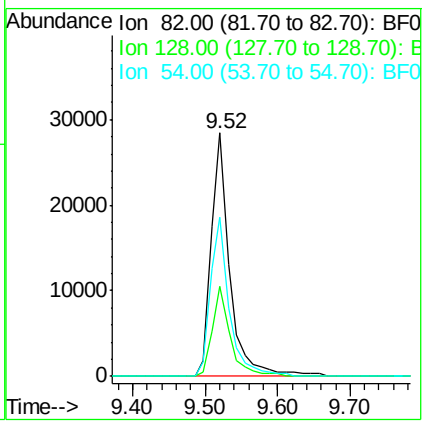


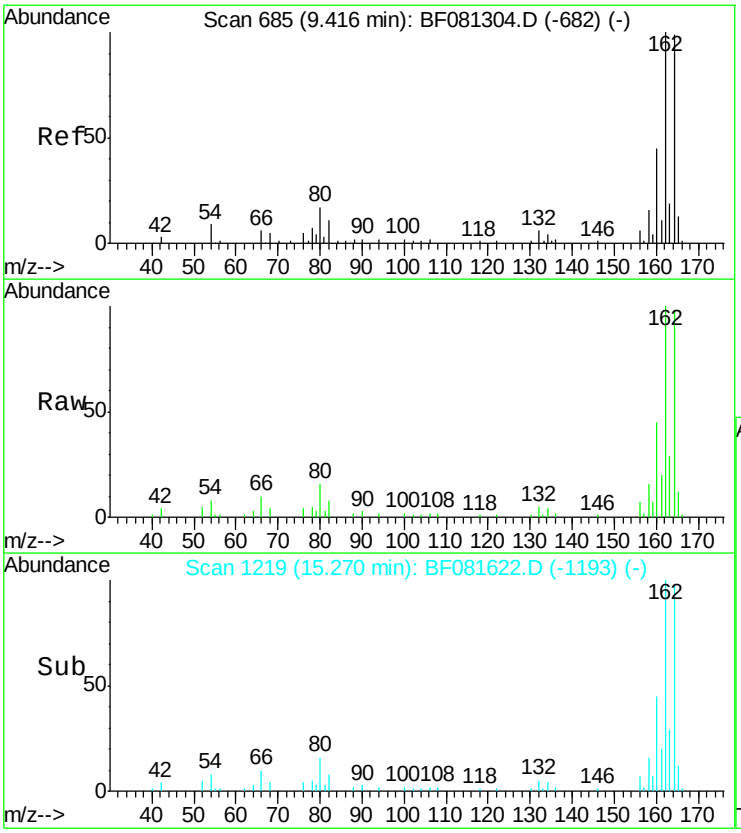
#23
Nitrobenzene-d5
Concen: 13.19 ng
RT: 9.52 min Scan# 716
Delta R.T. -0.02 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion: 82 Resp: 50929

Ion	Ratio	Lower	Upper
82	100		
128	36.8	51.0	76.6#
54	65.5	47.5	71.3

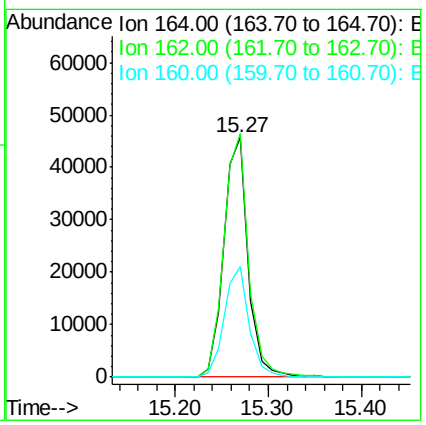


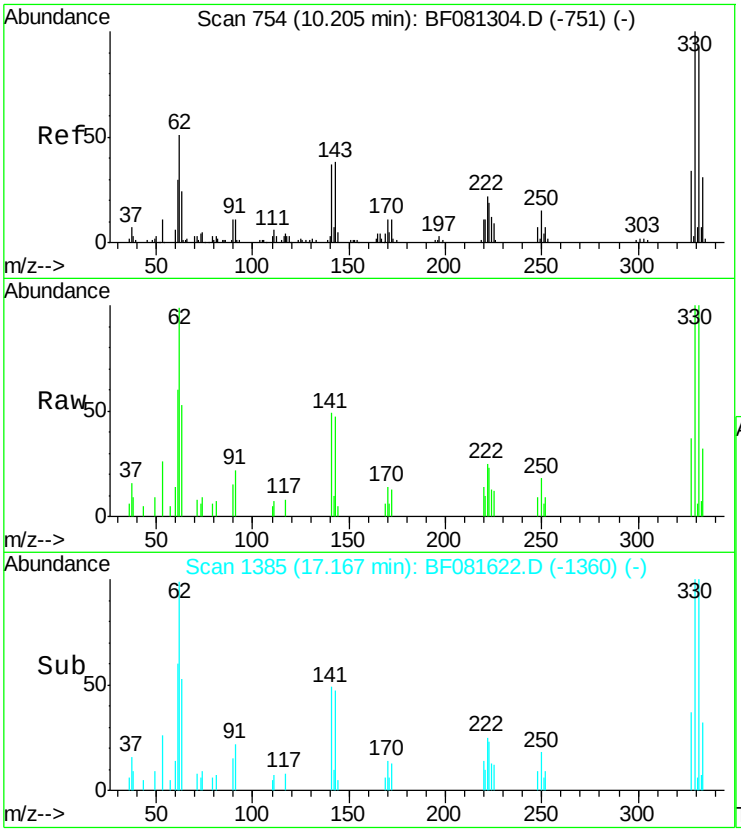


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.27 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:164 Resp: 82463

Ion	Ratio	Lower	Upper
164	100		
162	101.8	75.2	112.8
160	46.2	31.5	47.3



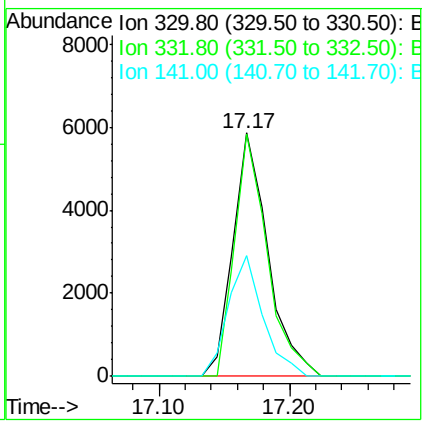


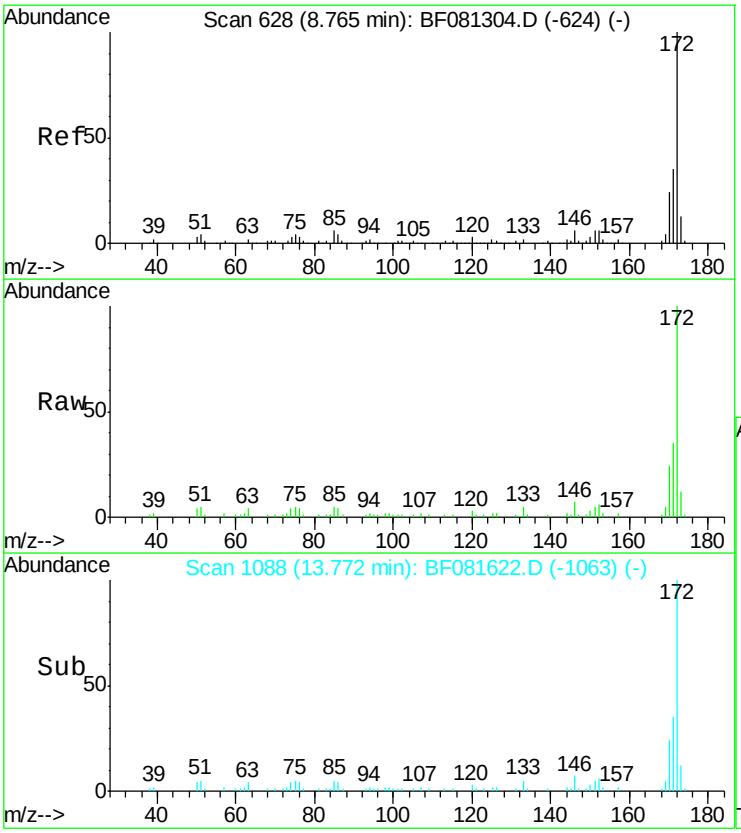
#41
2,4,6-Tribromophenol
Concen: 14.92 ng
RT: 17.17 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:330 Resp: 10954

Ion	Ratio	Lower	Upper
330	100		
332	92.6	76.6	114.8
141	49.0	29.7	44.5#

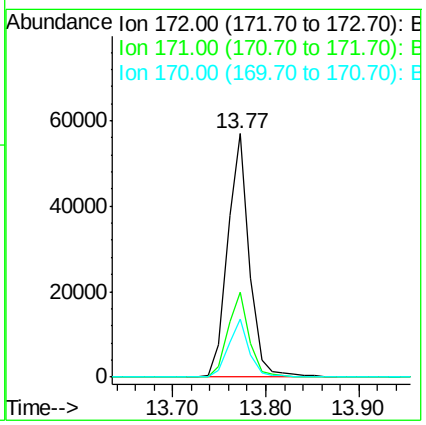


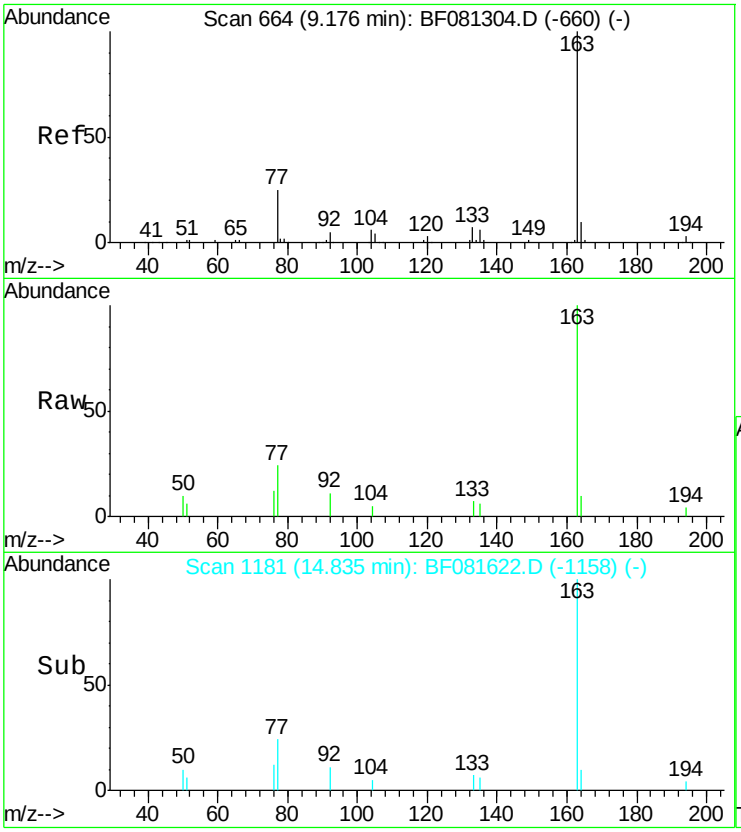


#44
2-Fluorobiphenyl
Concen: 14.24 ng
RT: 13.77 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:172 Resp: 91663

Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	24.0	17.4	26.2



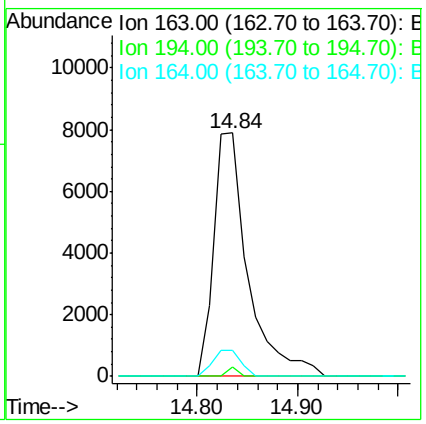


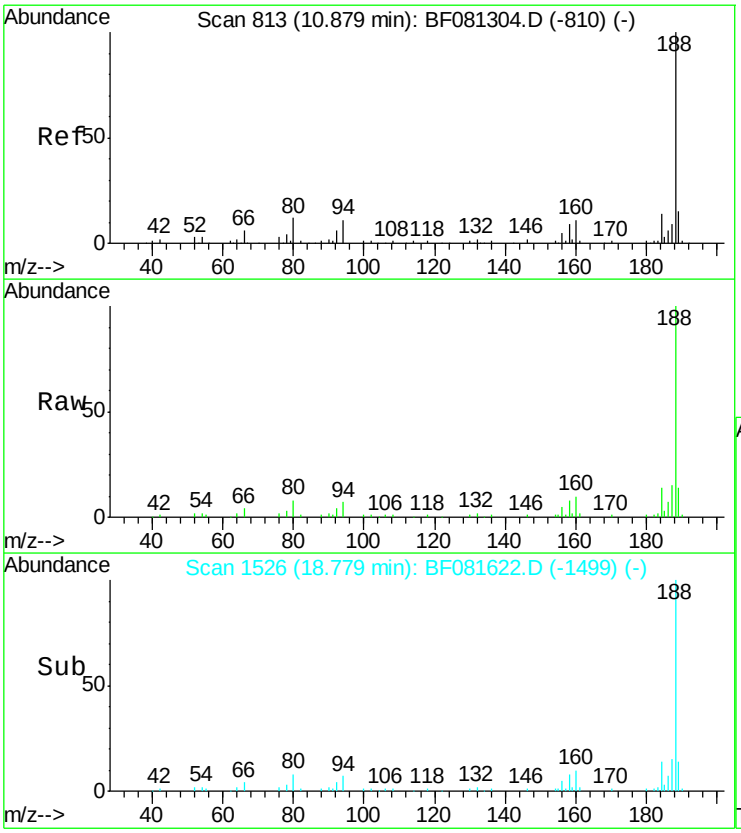
#49
Dimethylphthalate
Concen: 2.90 ng
RT: 14.84 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:163 Resp: 18556

Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.4	6.6#
164	10.4	8.3	12.5

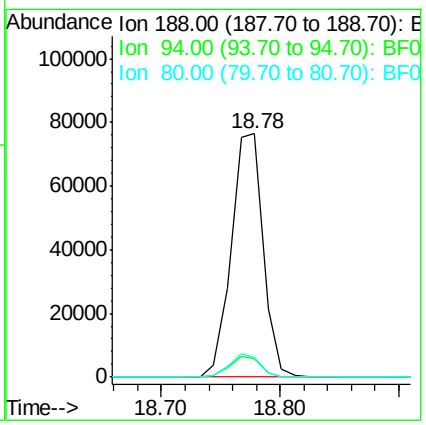


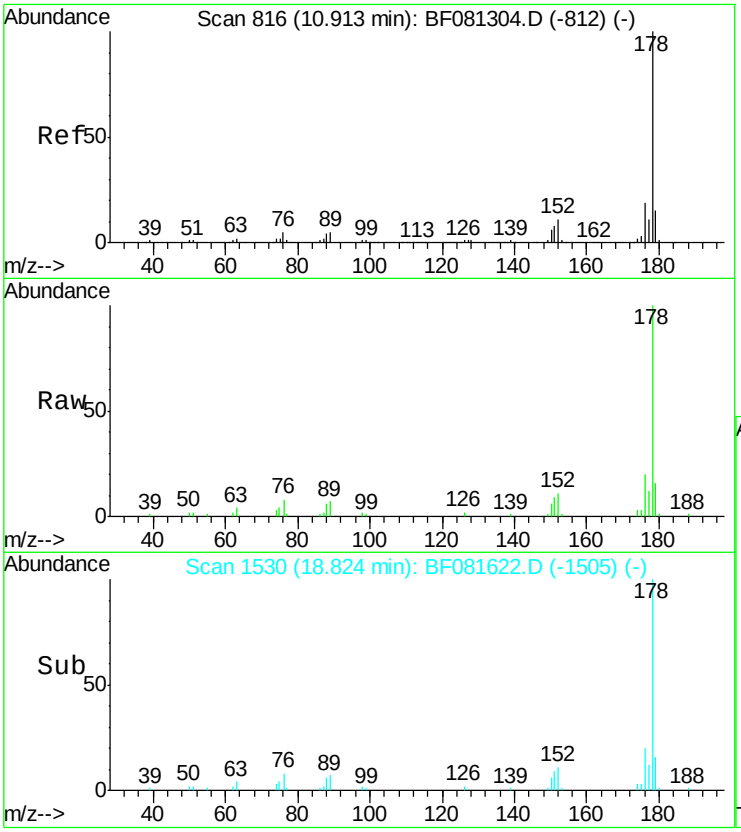


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.78 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:188 Resp: 142836

Ion	Ratio	Lower	Upper
188	100		
94	7.4	11.1	16.7#
80	7.9	11.0	16.4#



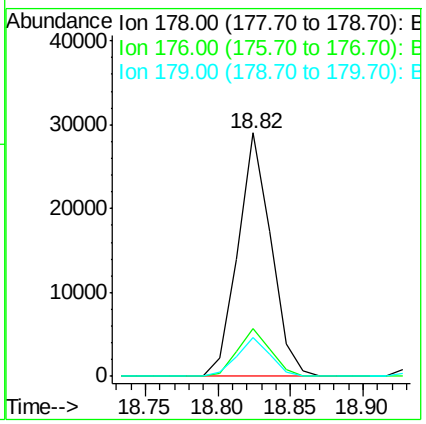


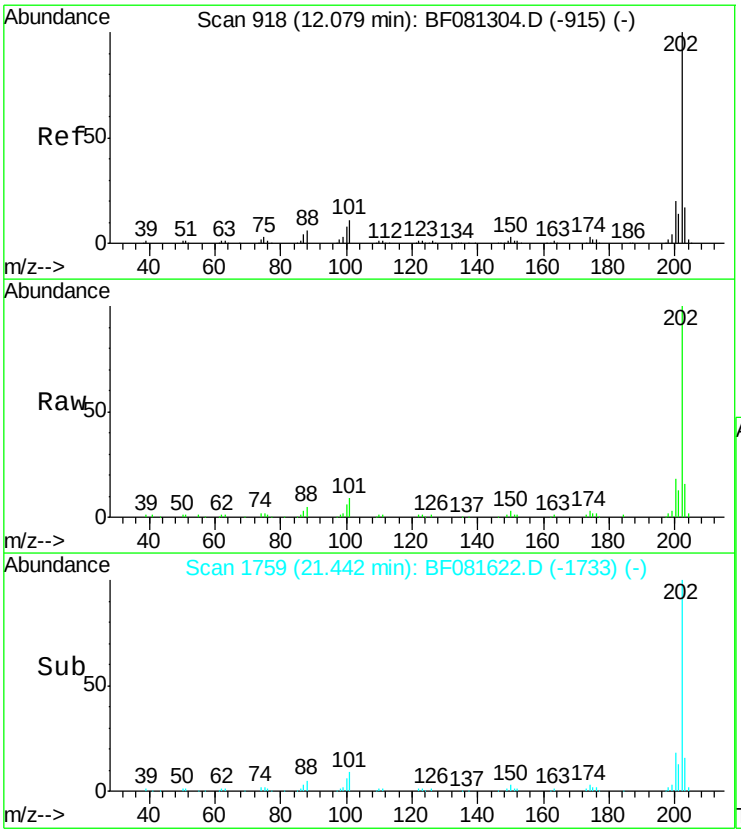
#70
Phenanthrene
Concen: 5.79 ng
RT: 18.82 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:178 Resp: 45980

Ion	Ratio	Lower	Upper
178	100		
176	19.5	13.8	20.8
179	15.8	12.2	18.2

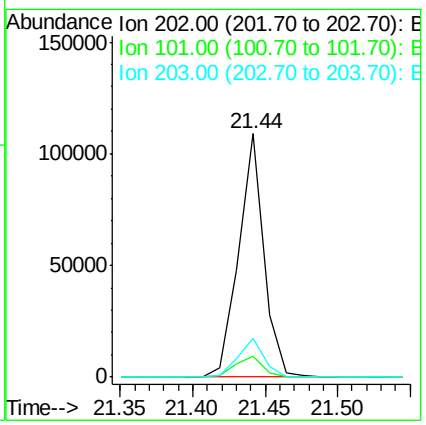


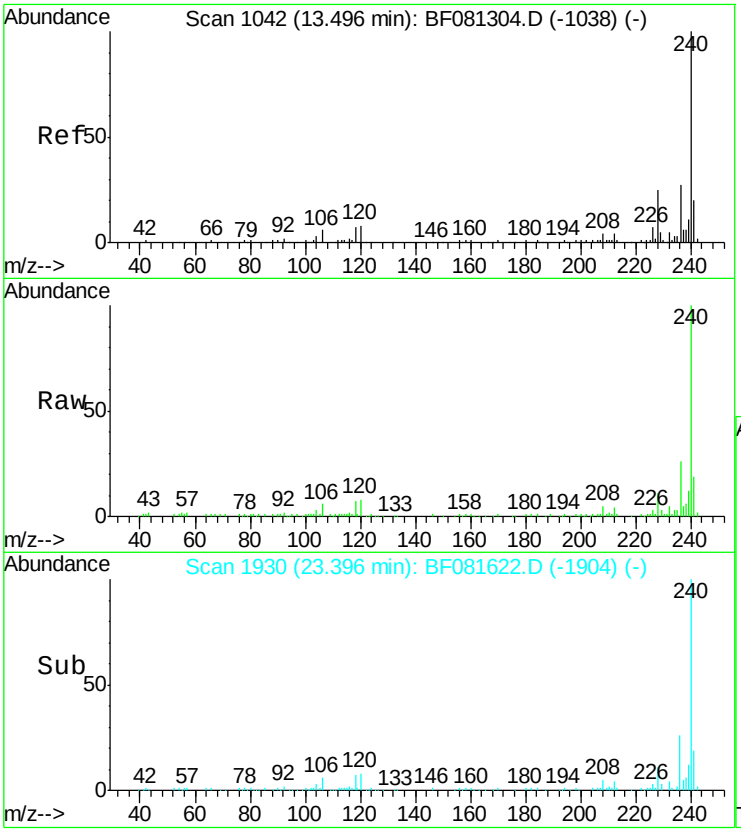


#74
Fluoranthene
Concen: 15.23 ng
RT: 21.44 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:202 Resp: 130961

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	16.2	0.0	37.3



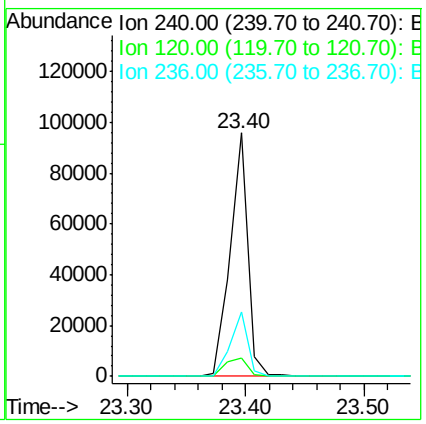


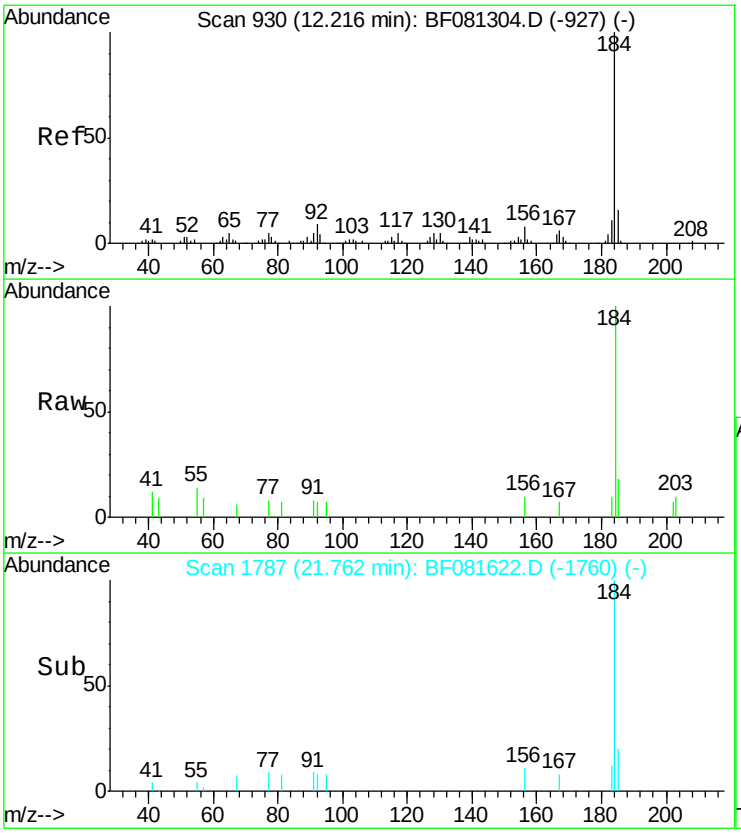
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:240 Resp: 98913

Ion	Ratio	Lower	Upper
240	100		
120	7.5	16.2	24.2#
236	26.2	18.4	27.6

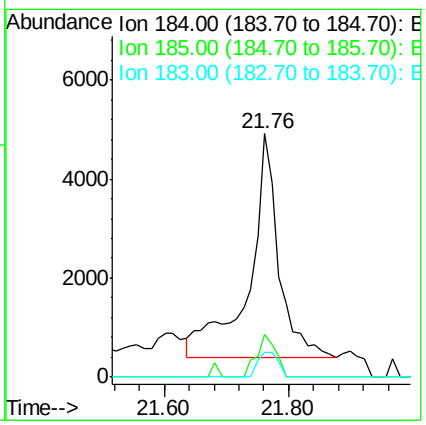


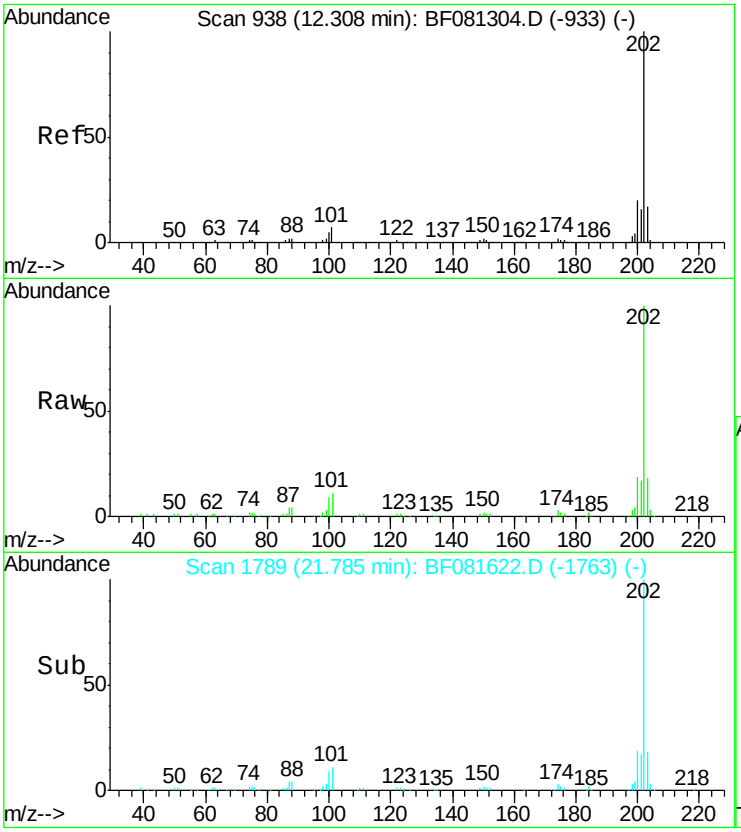


#76
Benzidine
Concen: 3.57 ng
RT: 21.76 min Scan# 1787
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:184 Resp: 15154

Ion	Ratio	Lower	Upper
184	100		
185	17.7	11.8	17.6#
183	10.3	7.6	11.4



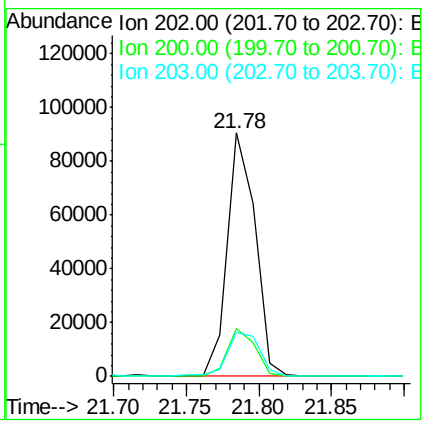


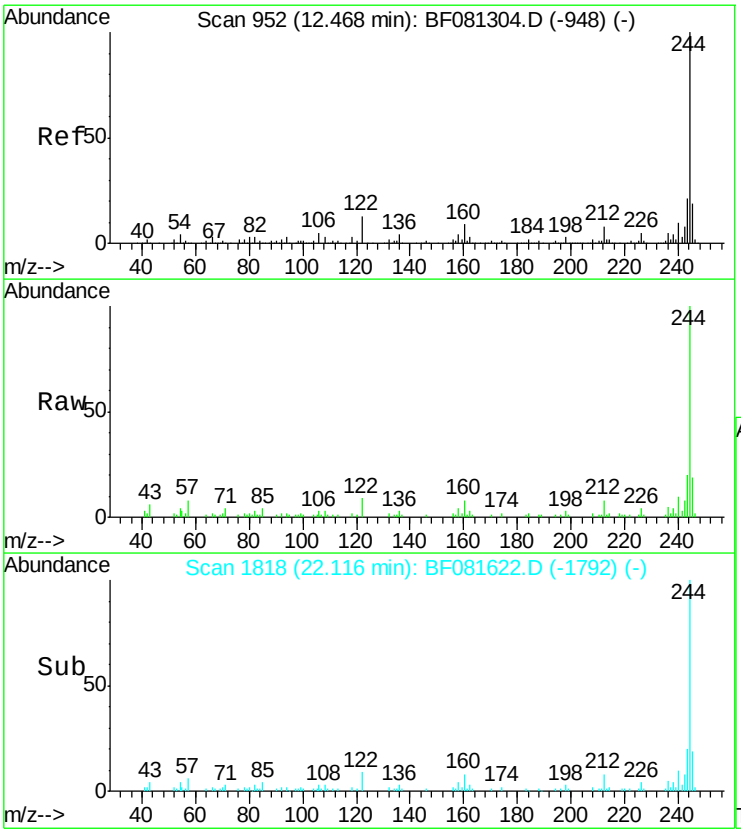
#77
Pyrene
Concen: 16.53 ng
RT: 21.78 min Scan# 1789
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:202 Resp: 121125

Ion	Ratio	Lower	Upper
202	100		
200	19.4	15.0	22.4
203	18.0	14.1	21.1

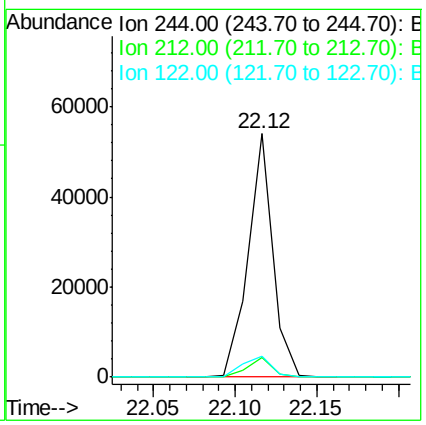


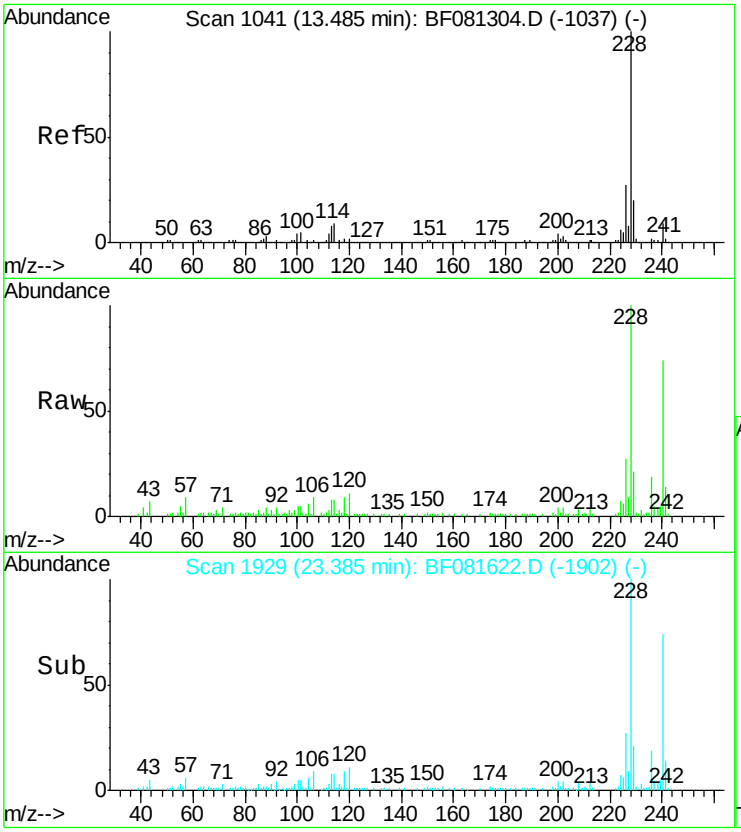


#78
Terphenyl-d14
Concen: 13.33 ng
RT: 22.12 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:244 Resp: 56653

Ion	Ratio	Lower	Upper
244	100		
212	8.2	4.3	6.5#
122	8.8	17.4	26.2#



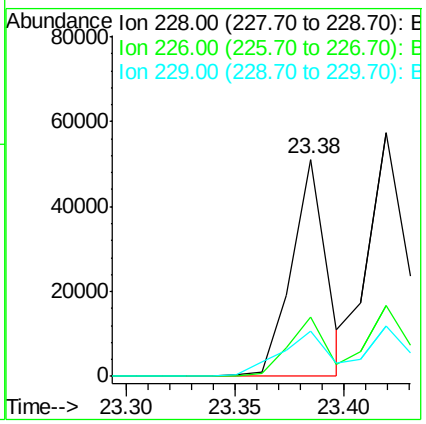


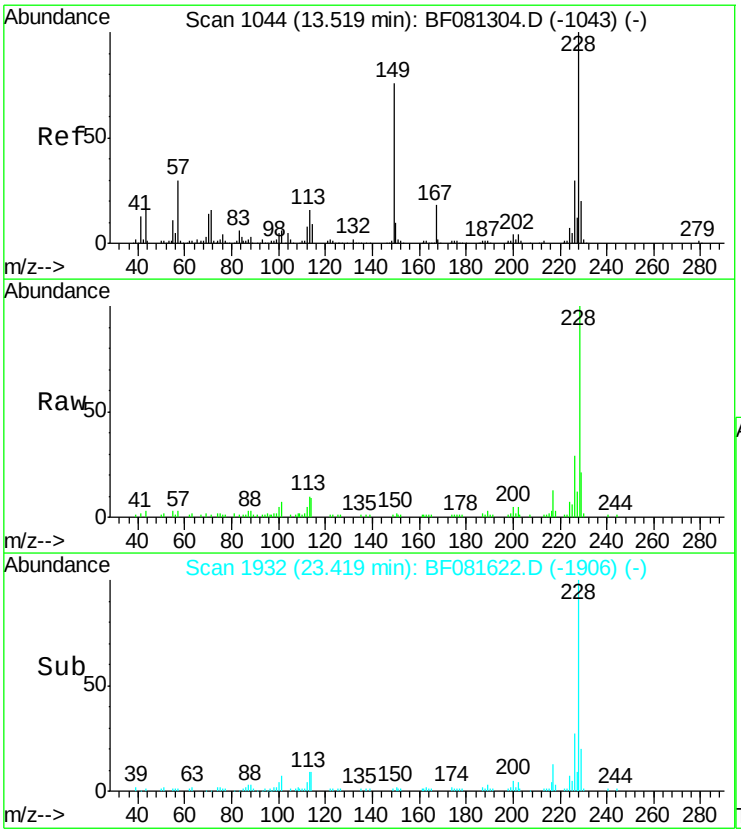
#80
Benzo(a)anthracene
Concen: 9.02 ng
RT: 23.38 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:228 Resp: 56821

Ion	Ratio	Lower	Upper
228	100		
226	27.3	20.0	30.0
229	20.8	15.4	23.2

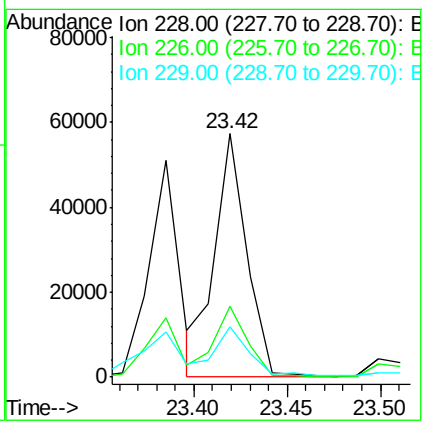


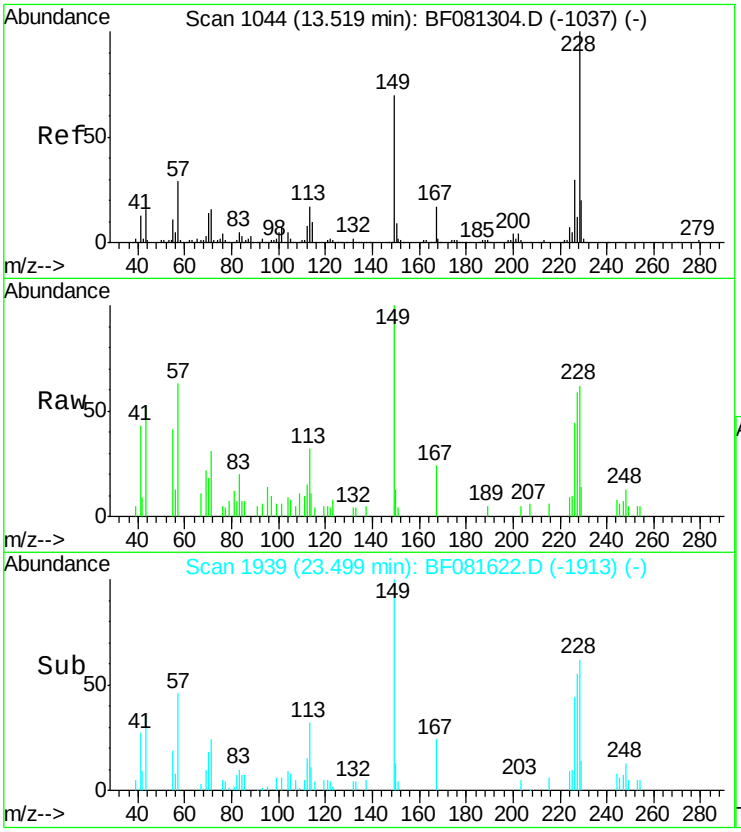


#82
Chrysene
Concen: 12.23 ng
RT: 23.42 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:228 Resp: 69051

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.0	31.4
229	20.8	15.6	23.4



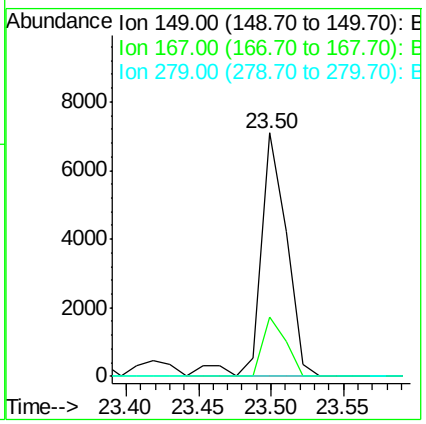


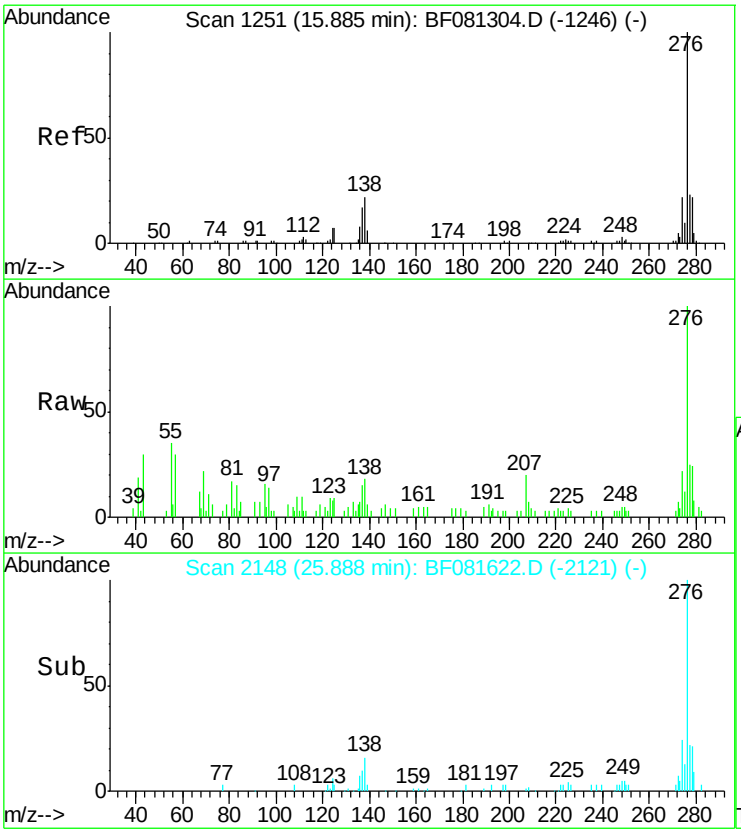
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.09 ng
RT: 23.50 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:149 Resp: 8770

Ion	Ratio	Lower	Upper
149	100		
167	24.3	24.2	36.2
279	0.0	3.8	5.6#

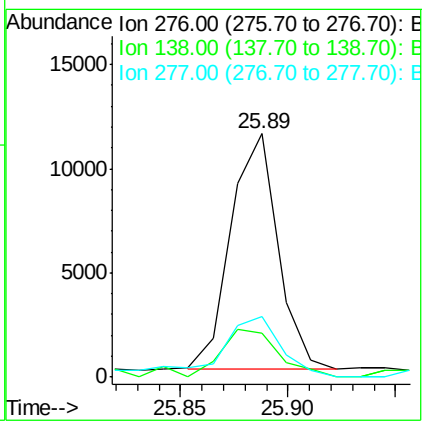


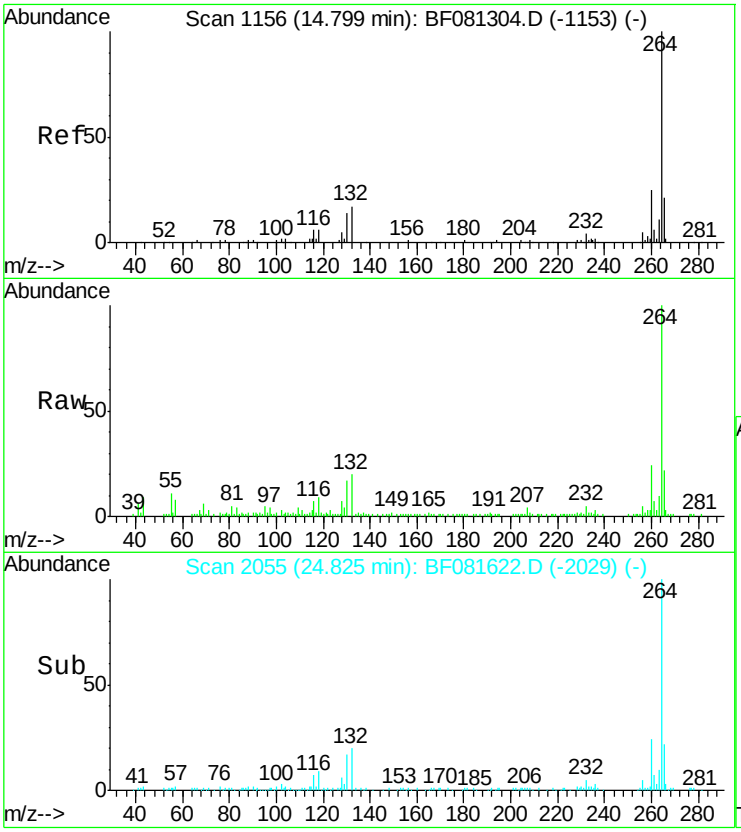


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.21 ng m
RT: 25.89 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:276 Resp: 17446

Ion	Ratio	Lower	Upper
276	100		
138	6.7	25.7	38.5#
277	5.5	15.6	23.4#



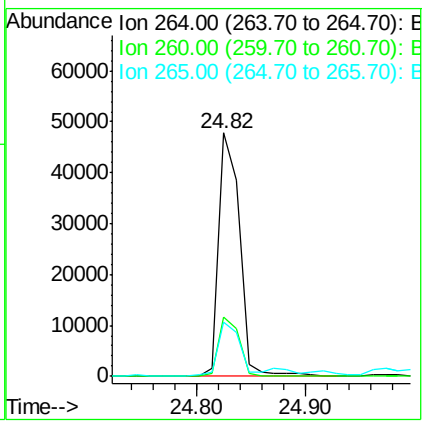


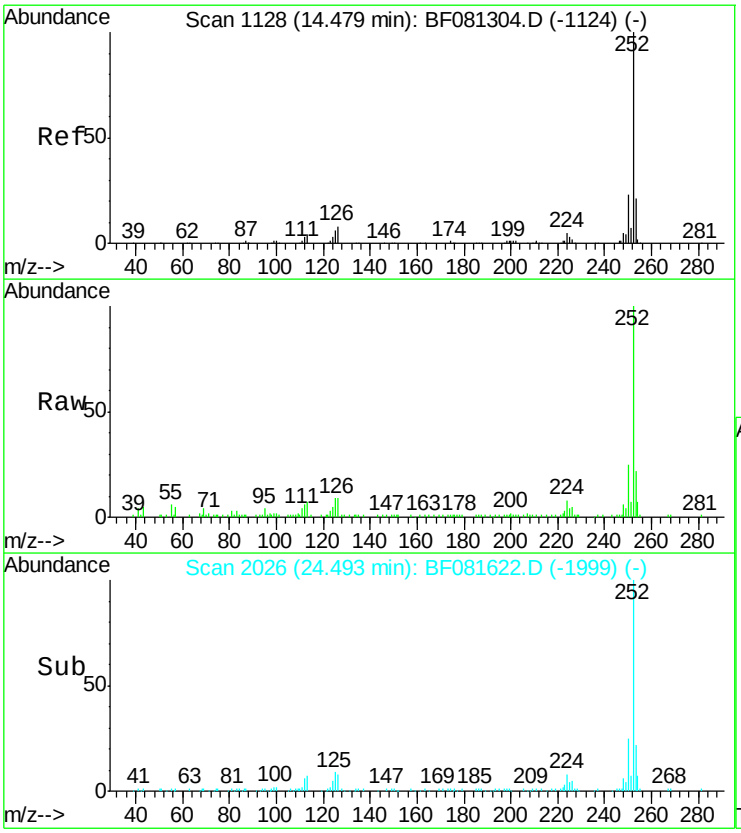
#86
Perylene-d12
Concen: 20.00 ng
RT: 24.82 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:264 Resp: 63811

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.0	17.2	25.8

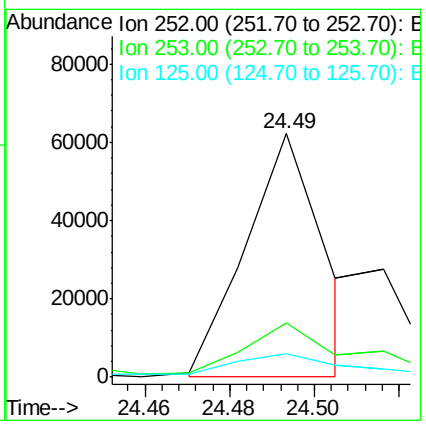


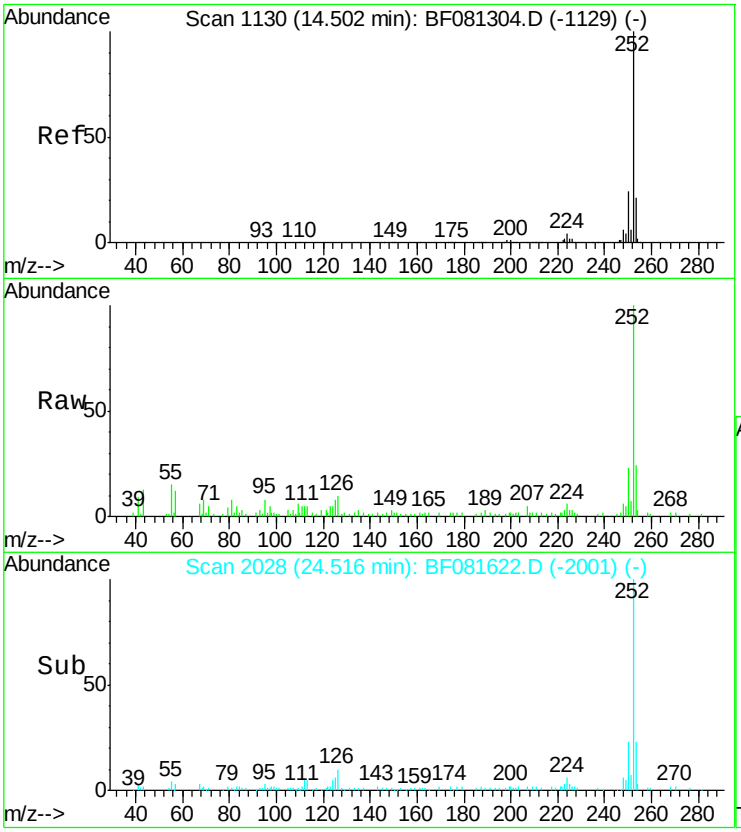


#87
Benzo(b)fluoranthene
Concen: 17.38 ng m
RT: 24.49 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:252 Resp: 79186

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.5	17.1	25.7#



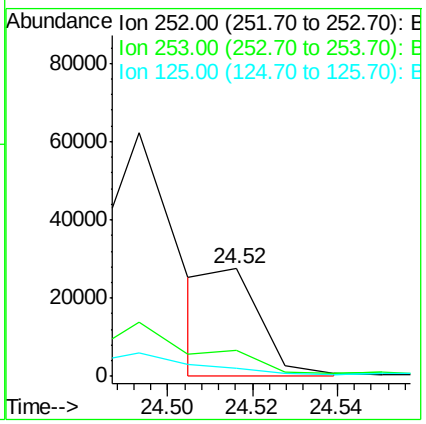


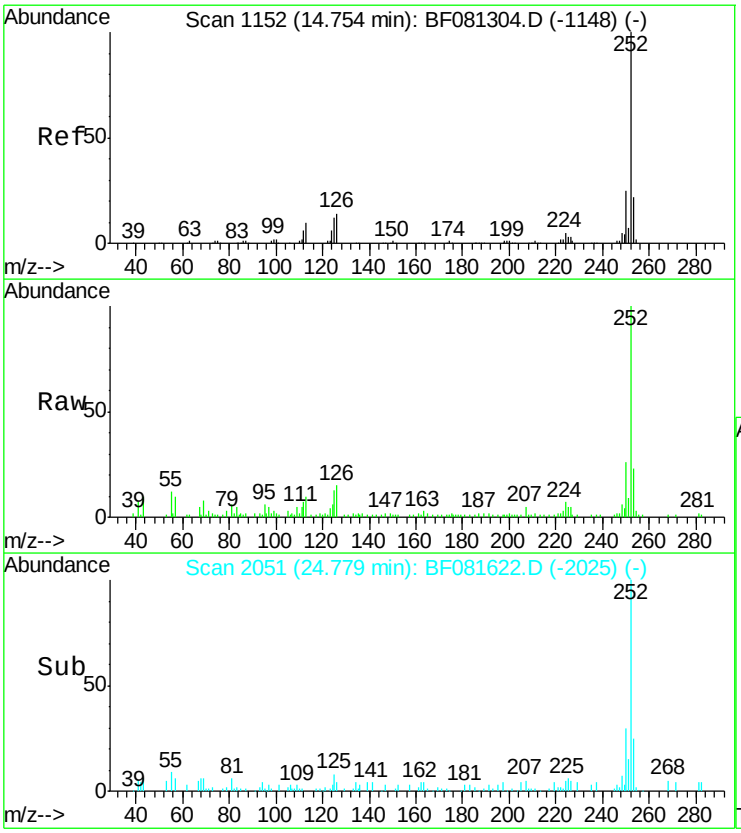
#88
Benzo(k)fluoranthene
Concen: 5.64 ng m
RT: 24.52 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:252 Resp: 21304

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.4
125	7.9	16.0	24.0#

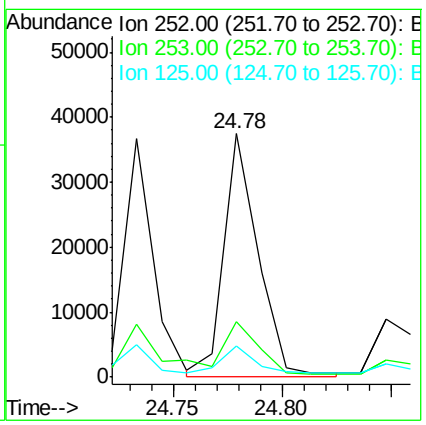


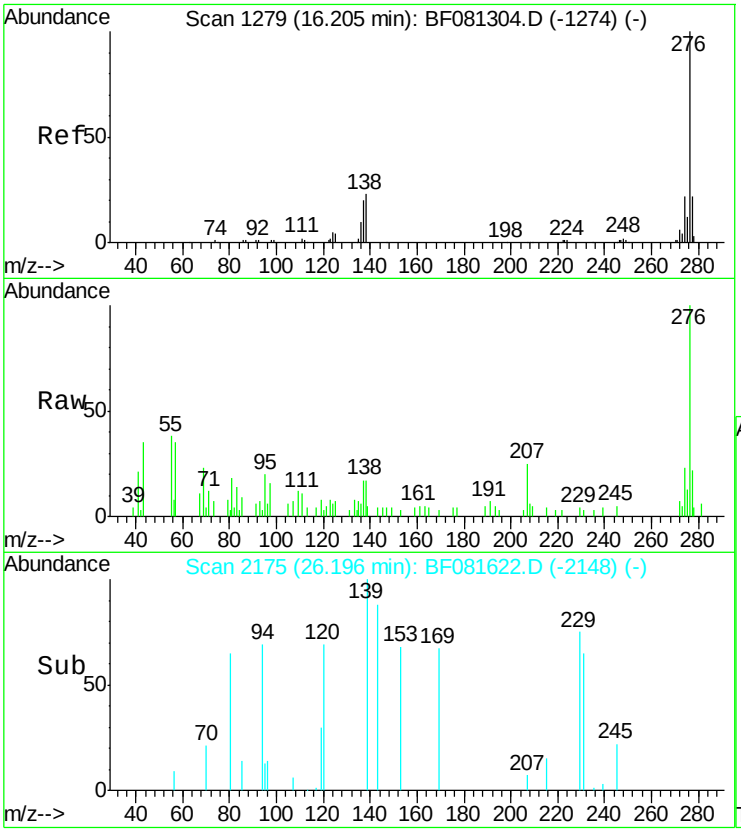


#89
Benzo(a)pyrene
Concen: 10.63 ng
RT: 24.78 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Tgt Ion:252 Resp: 41049

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	12.6	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 6.57 ng
RT: 26.20 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BF081622.D
Acq: 15 Sep 2015 2:08

Instrument :
BNA_F
ClientSampleId :
GP-14(0-5)

Tgt Ion:276 Resp: 18713

Ion	Ratio	Lower	Upper
276	100		
277	22.0	17.8	26.6
138	22.1	34.6	51.8#