Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081614.D
Acq On : 14 Sep 2015 18:50
Operator : UM/IZ
Sample : G3597-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GP-8(0-5)

Quant Time: Sep 15 01:33:06 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	56487	20.00	ng		0.00
21) Naphthalene-d8	11.13	136	224348	20.00	ng		0.00
38) Acenaphthene-d10	15.27	164	100393	20.00	ng		0.00
63) Phenanthrene-d10	18.78	188	175094	20.00	ng		0.01
75) Chrysene-d12	23.40	240	105880	20.00	ng		0.00
86) Perylene-d12	24.84	264	82625	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	261565	71.84	ng		0.01
7) Phenol-d6	7.66	99	374349	77.68	ng		0.00
23) Nitrobenzene-d5	9.53	82	240655	51.75	ng		-0.01
41) 2,4,6-Tribromophenol	17.17	330	62363	69.76	ng		-0.01
44) 2-Fluorobiphenyl	13.77	172	388639	49.61	ng		-0.01
78) Terphenyl-d14	22.12	244	220648	48.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	34140	20.88	ng	#	11
19) n-Nitroso-di-n-propylamine	9.53	70	32111	9.79	ng	#	63
49) Dimethylphthalate	14.84	163	94616	12.13	ng	#	97
70) Phenanthrene	18.82	178	103703	10.65	ng		97
71) Anthracene	18.95	178	25019	2.50	ng		98
74) Fluoranthene	21.44	202	171298	16.26	ng		88
77) Pyrene	21.78	202	152212	19.41	ng		96
80) Benzo(a)anthracene	23.38	228	76555	11.35	ng		97
82) Chrysene	23.42	228	57453	9.51	ng		93
85) Indeno(1,2,3-cd)pyrene	25.89	276	26532	5.98	ng	#	82
87) Benzo(b)fluoranthene	24.49	252	106752	18.10	ng	#	87
88) Benzo(k)fluoranthene	24.49	252	106752	21.81	ng	#	88
89) Benzo(a)pyrene	24.78	252	52841	10.57	ng	#	87
91) Benzo(g,h,i)perylene	26.19	276	27853	7.56	ng	#	74

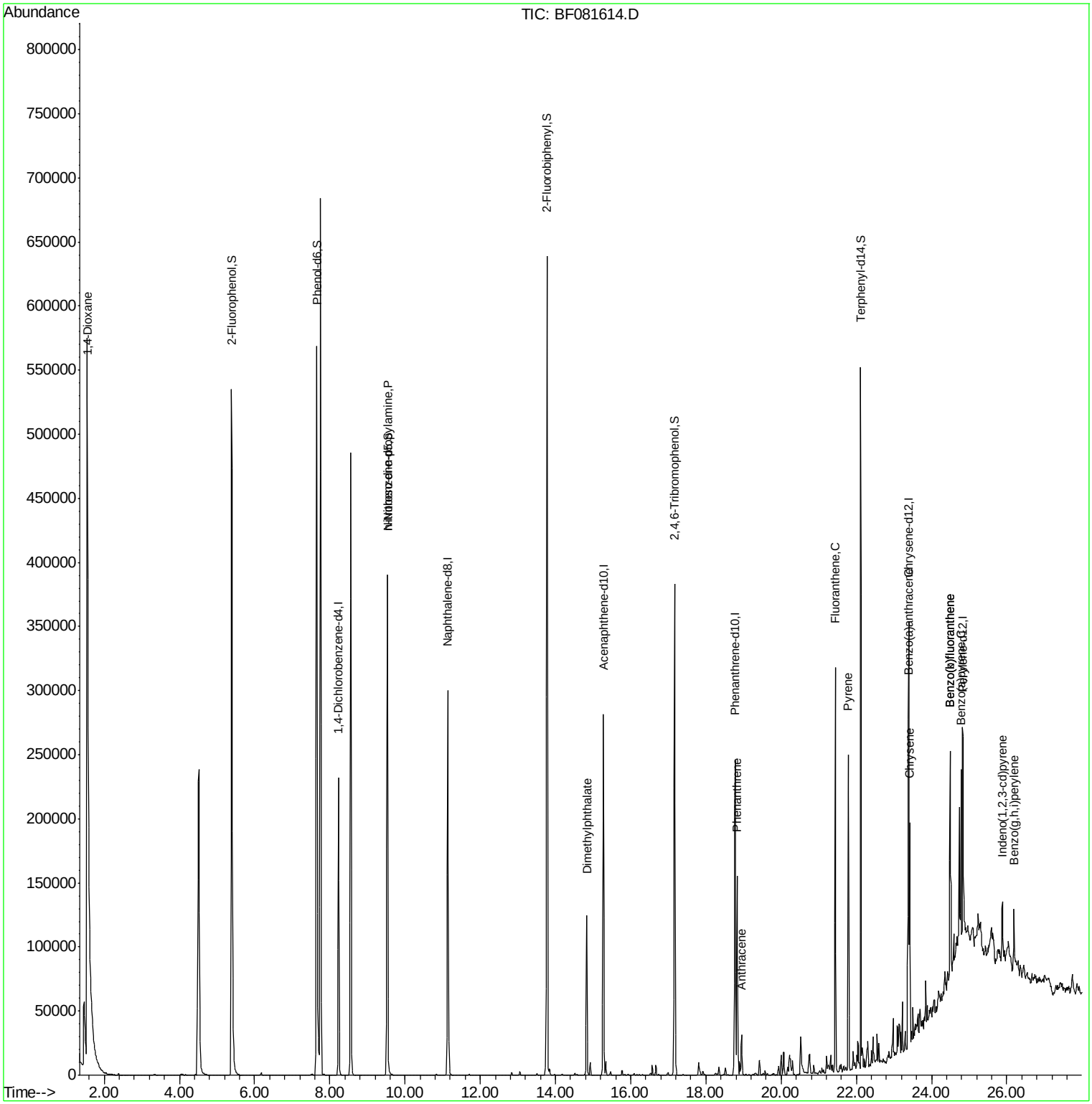
(#) = qualifier out of range (m) = manual integration (+) = signals summed

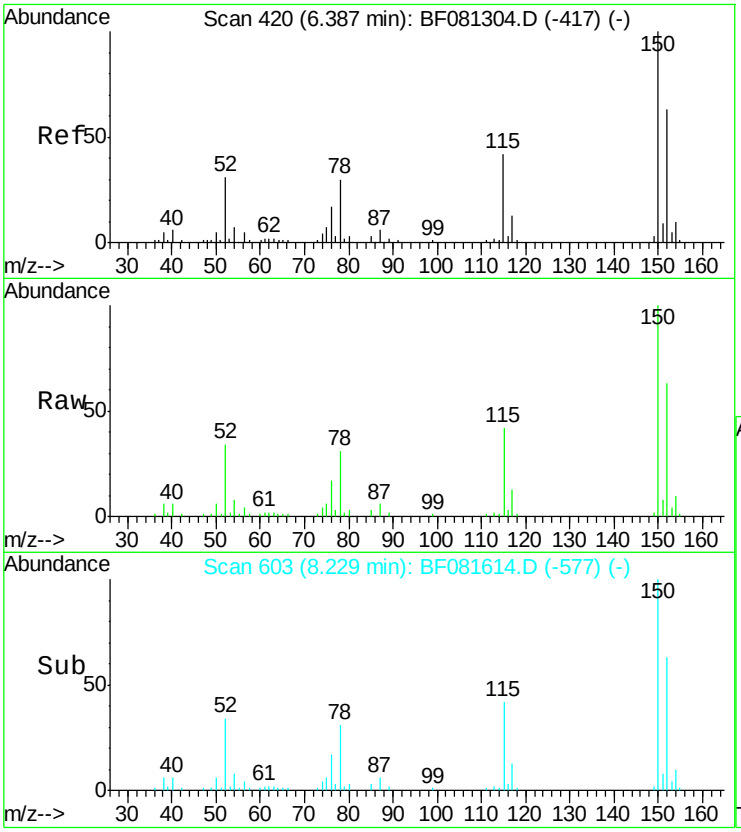
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091415\
Data File : BF081614.D
Acq On : 14 Sep 2015 18:50
Operator : UM/IZ
Sample : G3597-08 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Quant Time: Sep 15 01:33:06 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



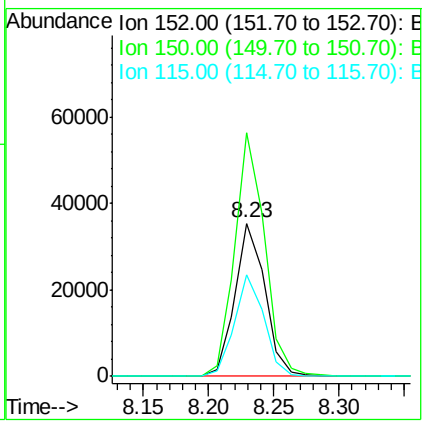


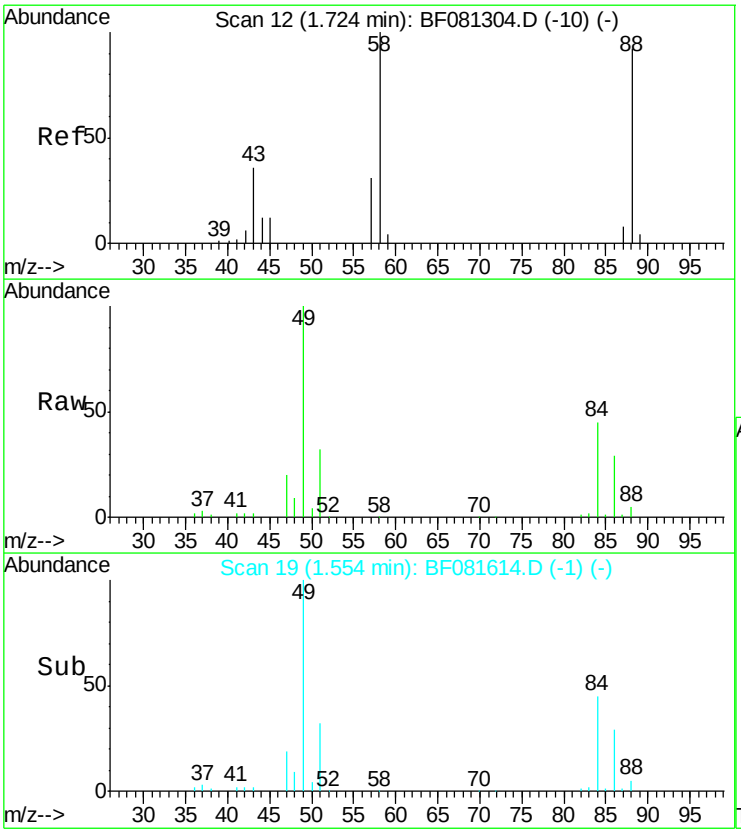
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.23 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:152 Resp: 56487

Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.7	187.1
115	66.1	39.0	58.4#

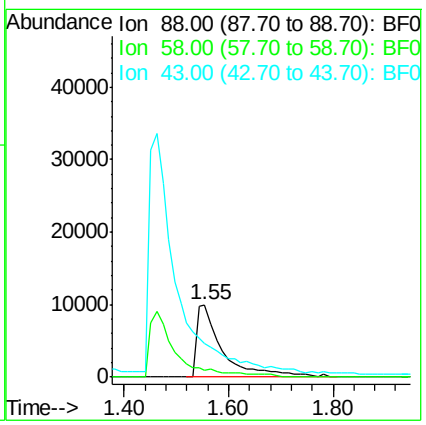


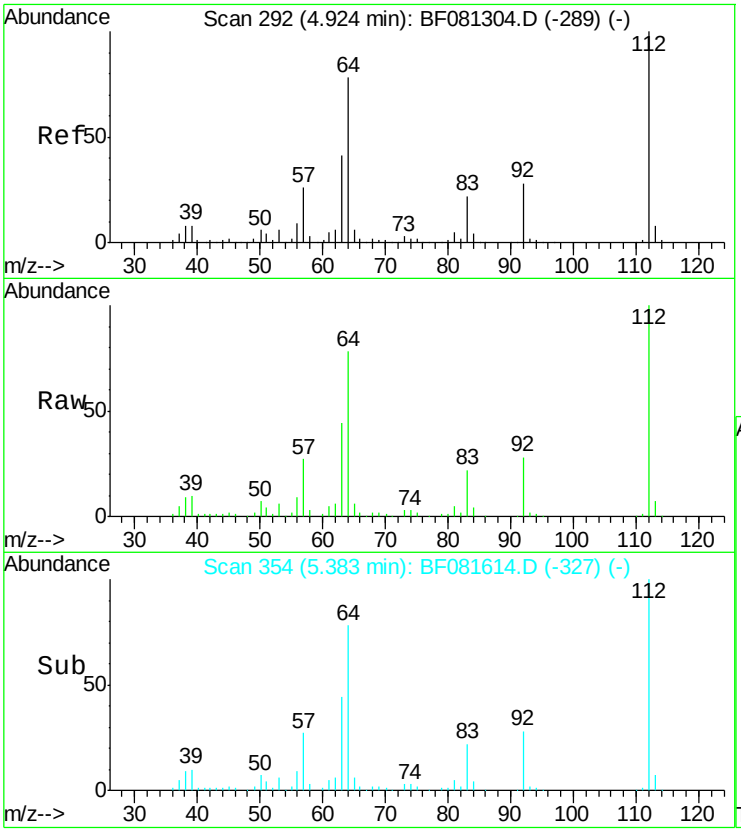


#2
1,4-Dioxane
Concen: 20.88 ng
RT: 1.55 min Scan# 19
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion: 88 Resp: 34140

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



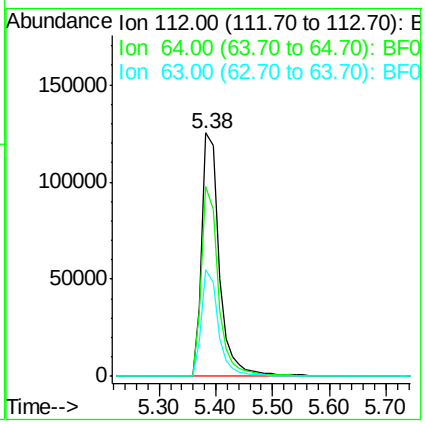


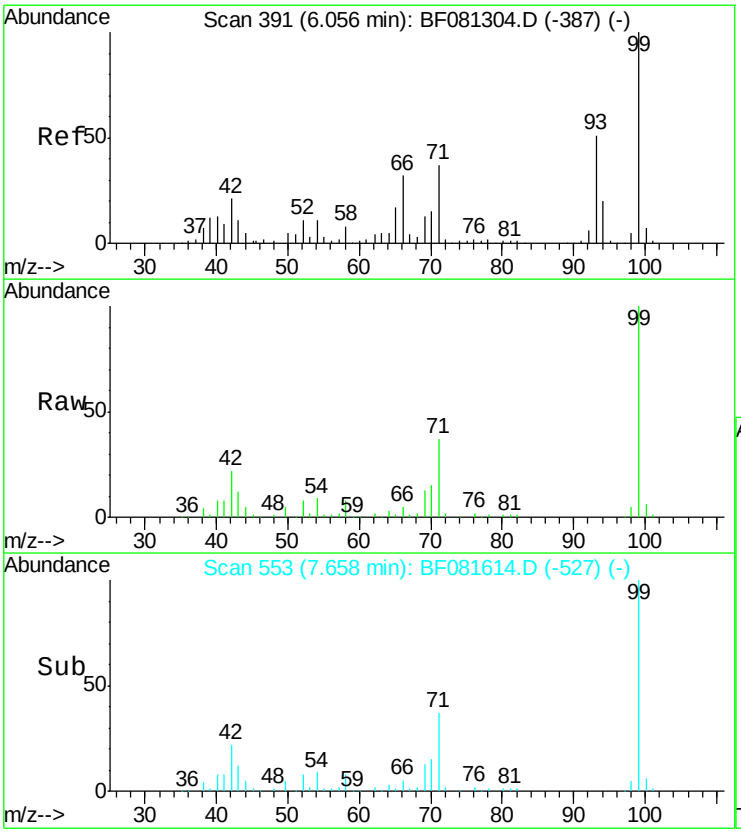
#5
2-Fluorophenol
Concen: 71.84 ng
RT: 5.38 min Scan# 354
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:112 Resp: 261565

Ion	Ratio	Lower	Upper
112	100		
64	78.1	39.7	59.5#
63	43.8	17.4	26.0#

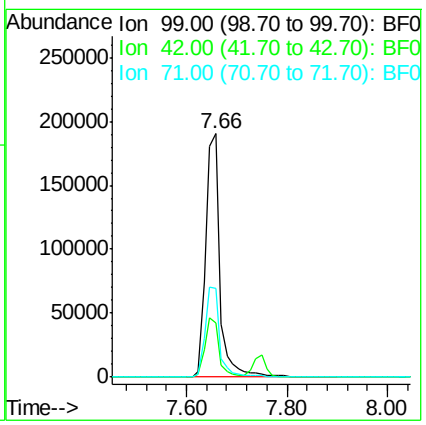


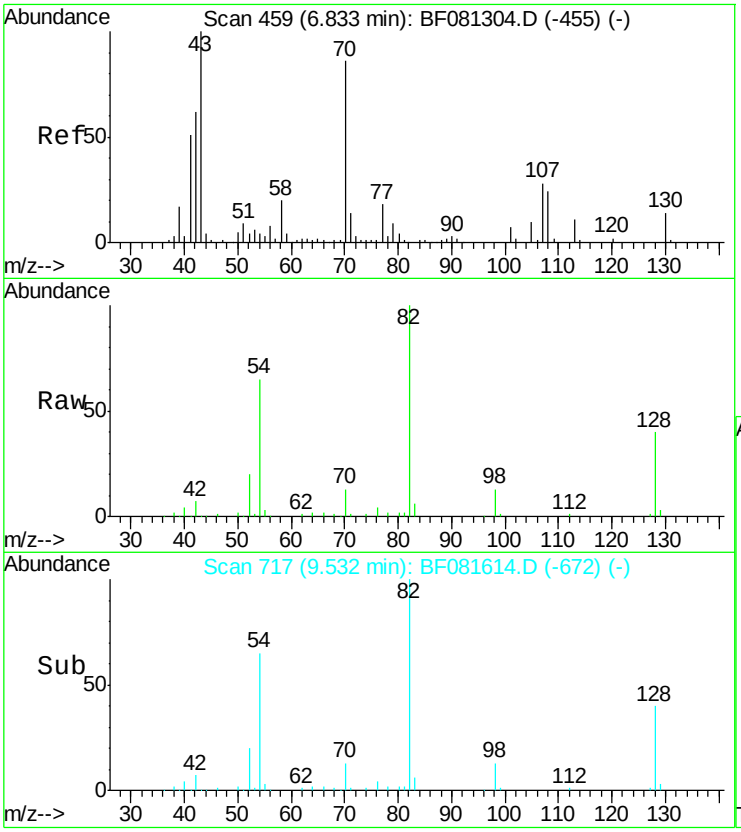


#7
Phenol-d6
Concen: 77.68 ng
RT: 7.66 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion: 99 Resp: 374349

Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.7	20.5#
71	36.6	14.2	21.2#



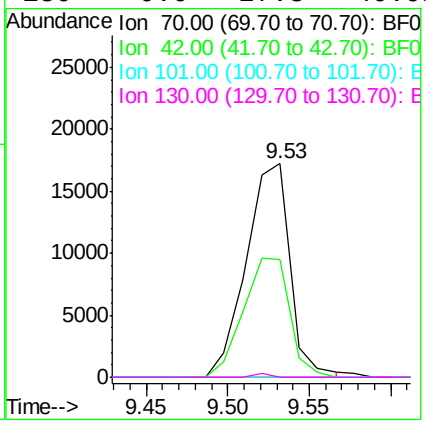


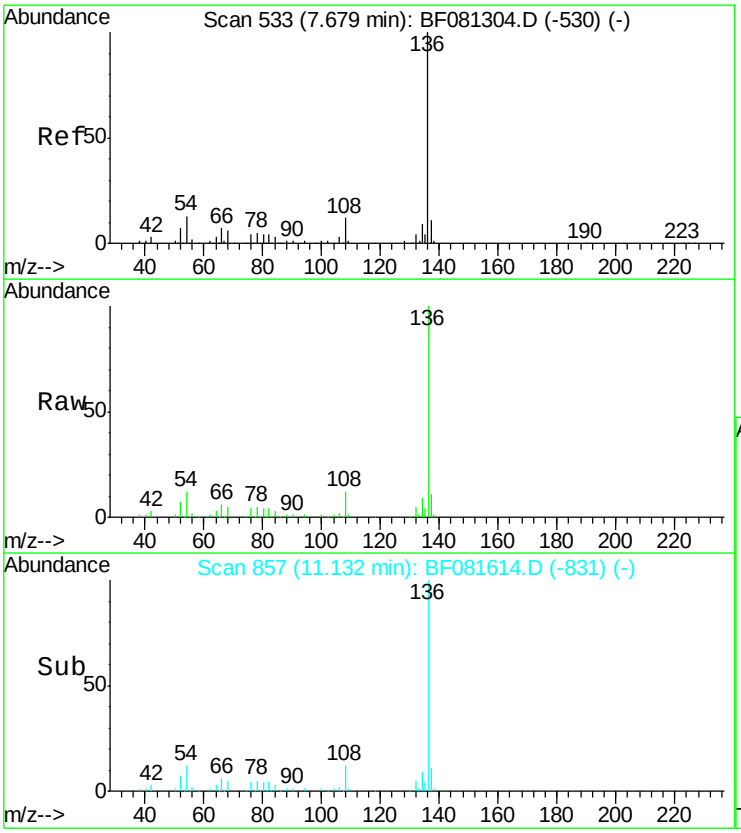
#19
n-Nitroso-di-n-propylamine
Concen: 9.79 ng
RT: 9.53 min Scan# 717
Delta R.T. 0.22 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion: 70 Resp: 32111

Ion	Ratio	Lower	Upper
70	100		
42	55.0	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#

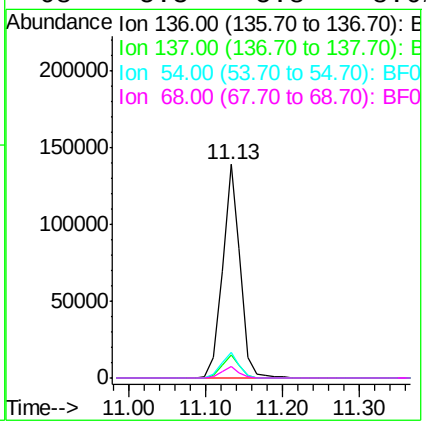


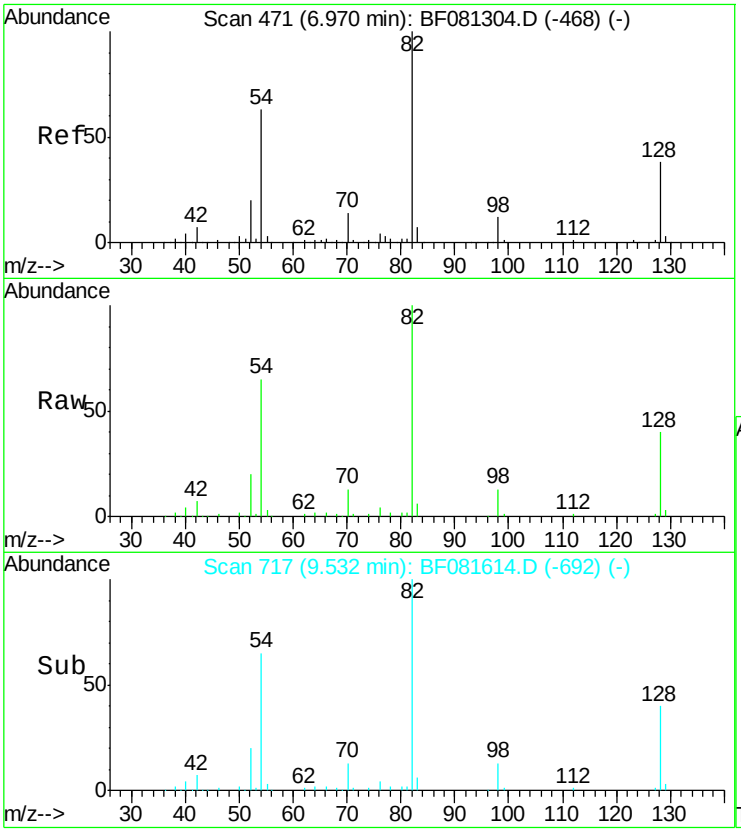


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:136 Resp: 224348

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	12.1	8.2	12.2
68	5.3	5.8	8.6#



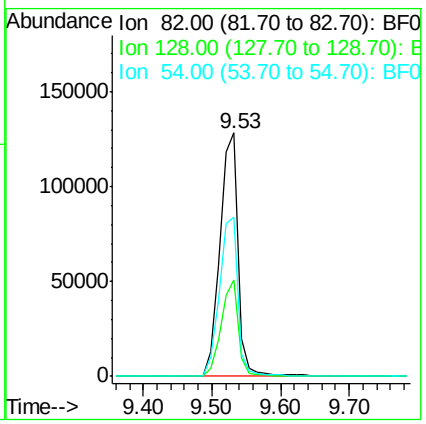


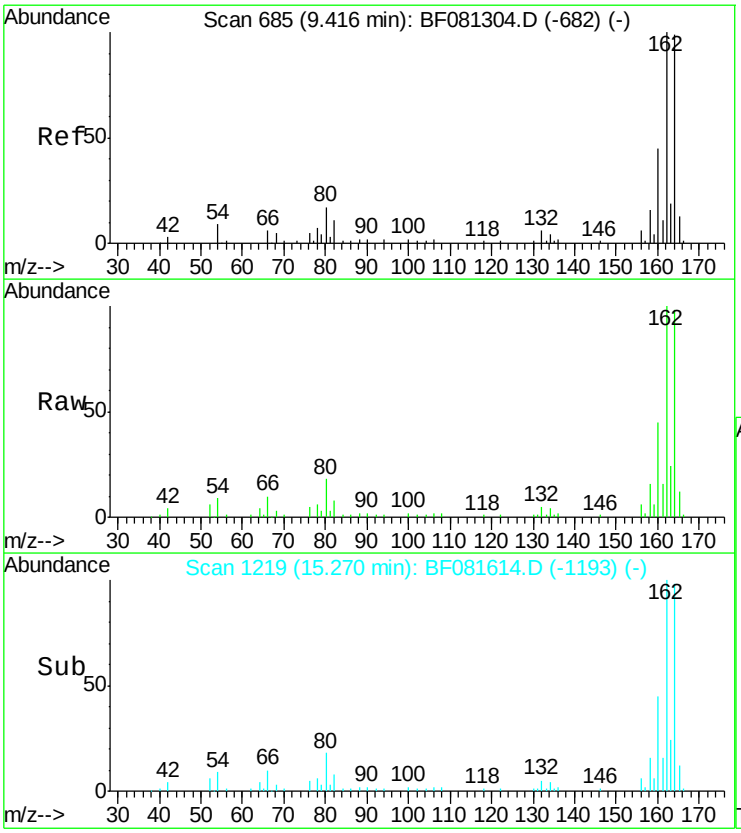
#23
Nitrobenzene-d5
Concen: 51.75 ng
RT: 9.53 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion: 82 Resp: 240655

Ion	Ratio	Lower	Upper
82	100		
128	39.6	51.0	76.6#
54	65.4	47.5	71.3

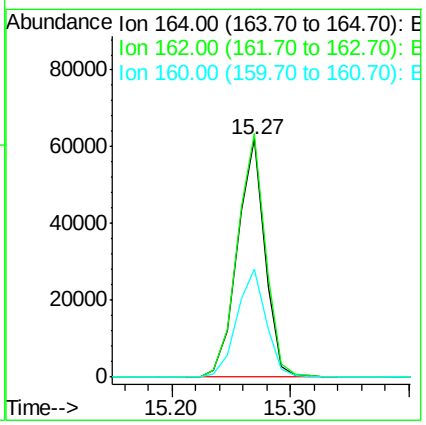


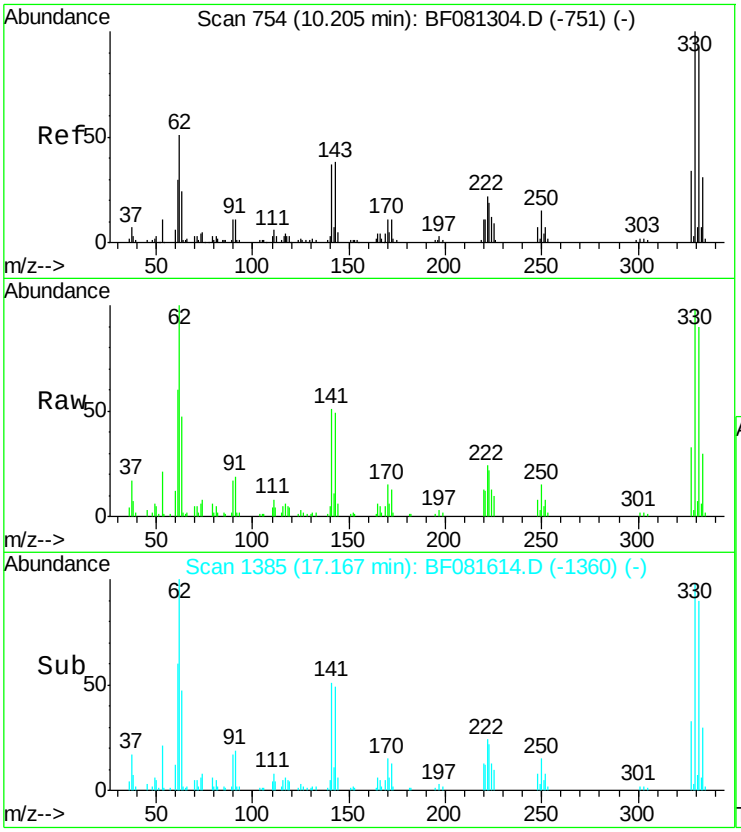


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.27 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:164 Resp: 100393

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	45.5	31.5	47.3



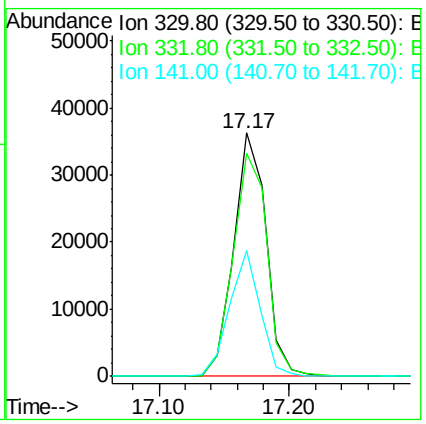


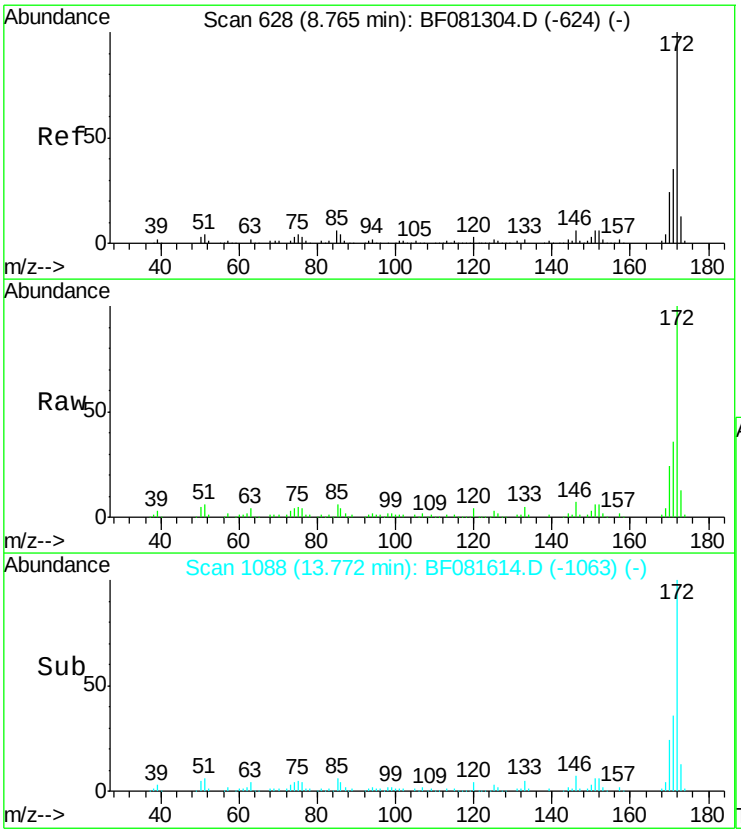
#41
2,4,6-Tribromophenol
Concen: 69.76 ng
RT: 17.17 min Scan# 1385
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:330 Resp: 62363

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	49.2	29.7	44.5#

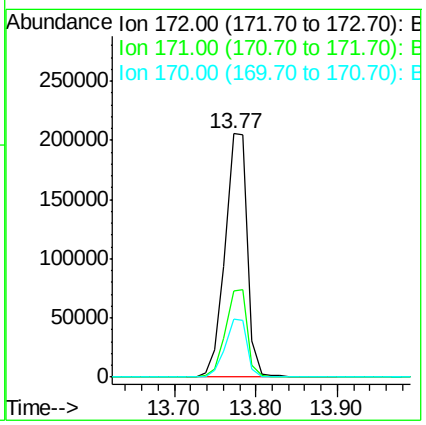


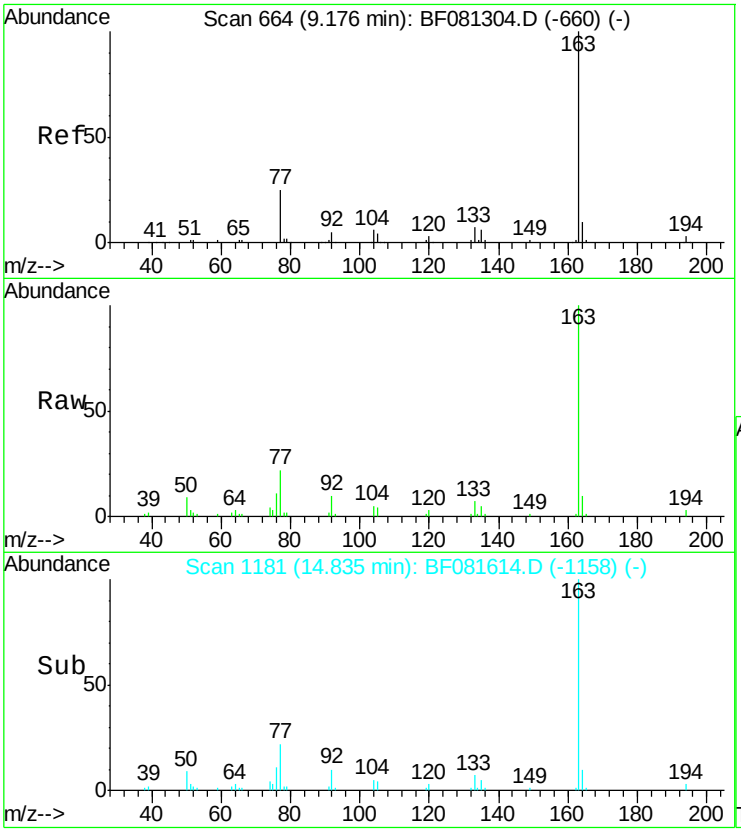


#44
2-Fluorobiphenyl
Concen: 49.61 ng
RT: 13.77 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:172 Resp: 388639

Ion	Ratio	Lower	Upper
172	100		
171	35.7	26.1	39.1
170	24.0	17.4	26.2



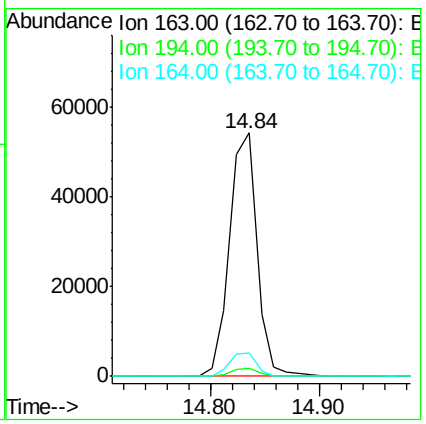


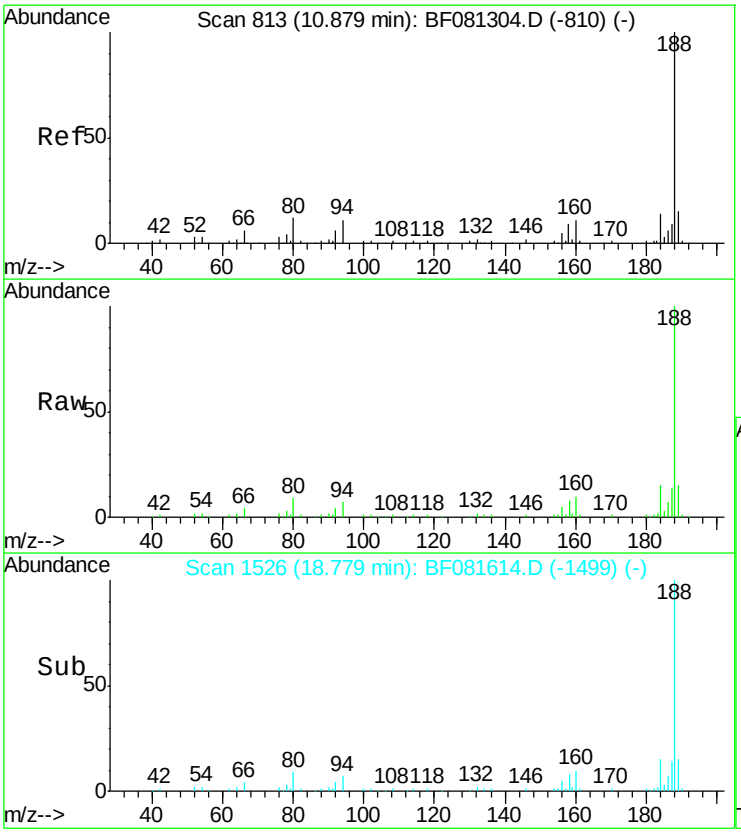
#49
Dimethylphthalate
Concen: 12.13 ng
RT: 14.84 min Scan# 1181
Delta R.T. -0.03 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:163 Resp: 94616

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	9.8	8.3	12.5

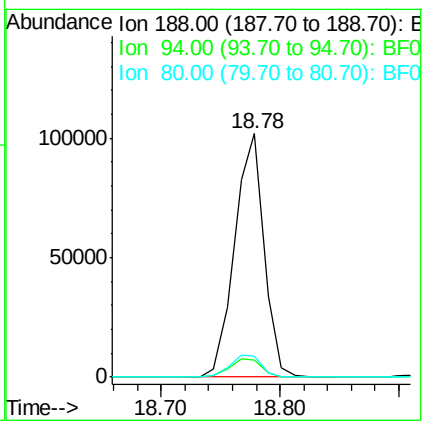


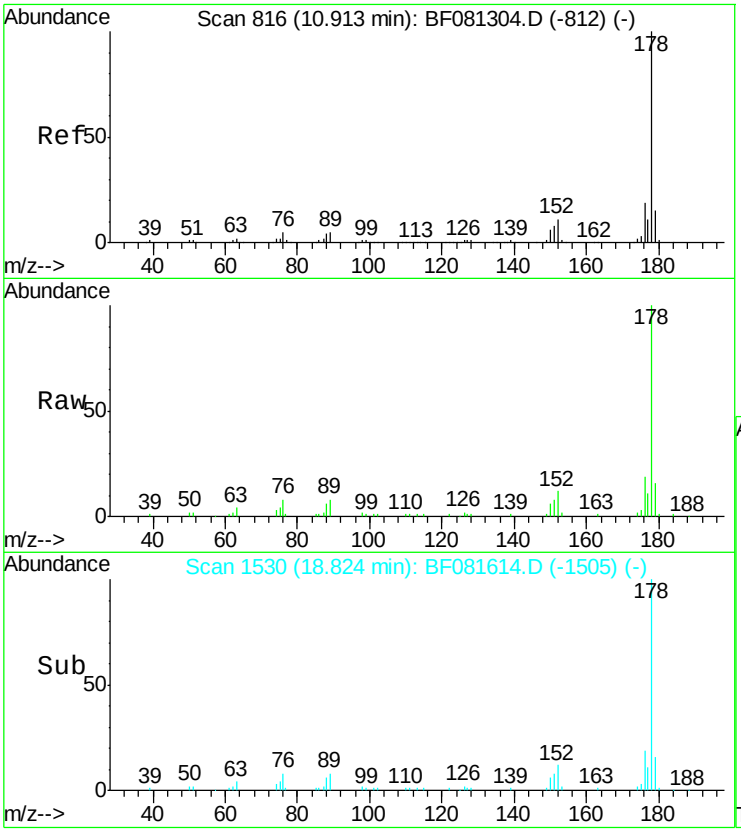


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.78 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:188 Resp: 175094

Ion	Ratio	Lower	Upper
188	100		
94	7.2	11.1	16.7#
80	8.6	11.0	16.4#



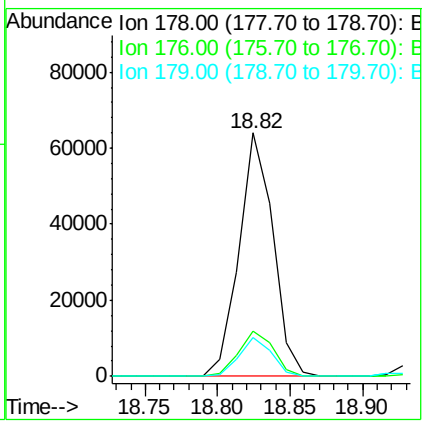


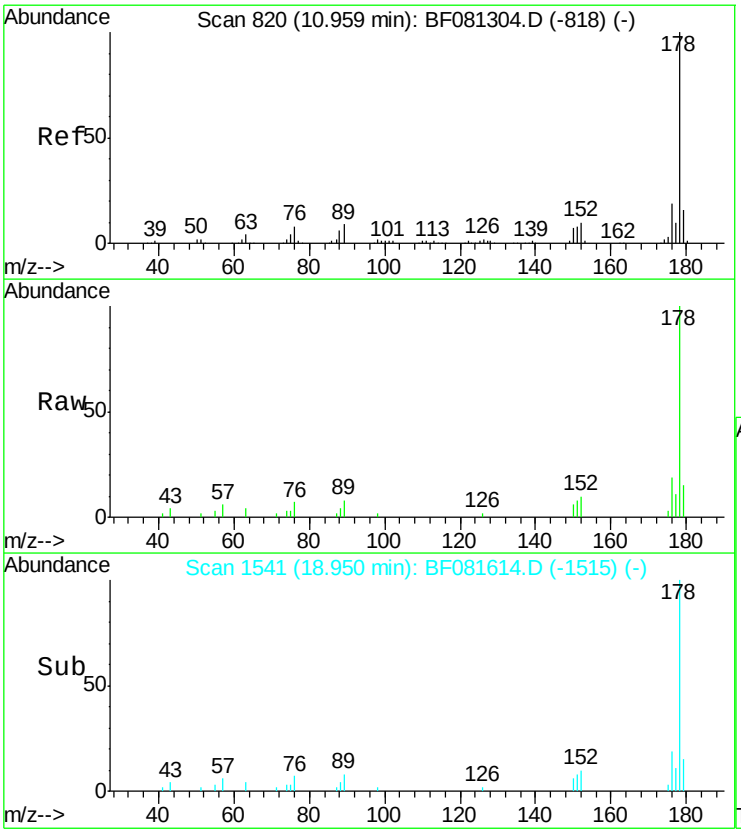
#70
Phenanthrene
Concen: 10.65 ng
RT: 18.82 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:178 Resp: 103703

Ion	Ratio	Lower	Upper
178	100		
176	18.8	13.8	20.8
179	15.8	12.2	18.2

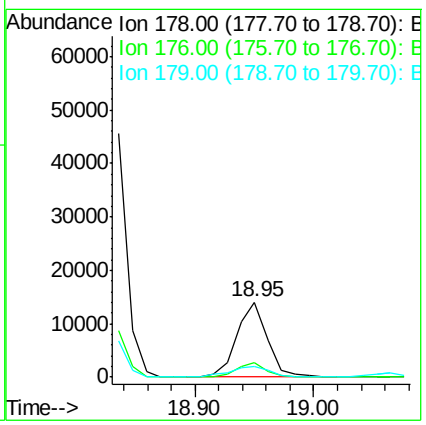


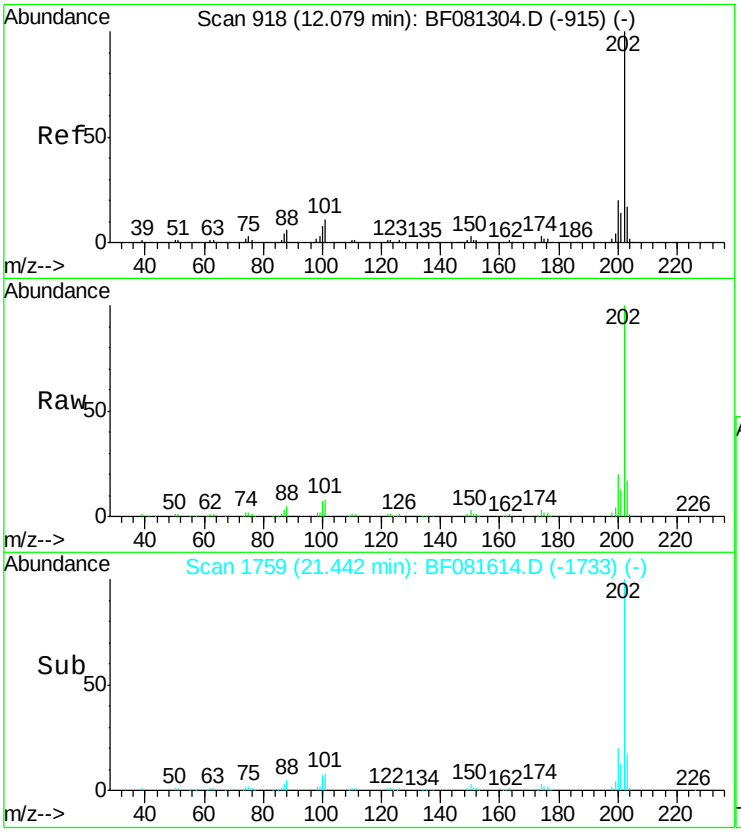


#71
Anthracene
Concen: 2.50 ng
RT: 18.95 min Scan# 1541
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:178 Resp: 25019

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.1	21.1
179	14.8	12.2	18.2



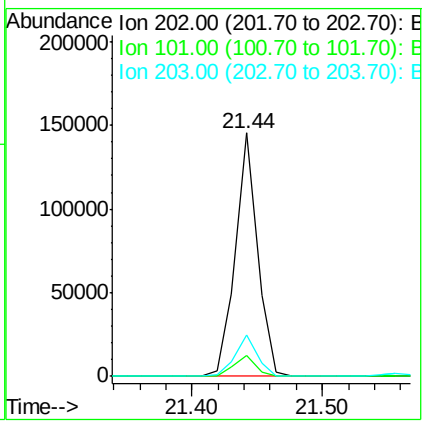


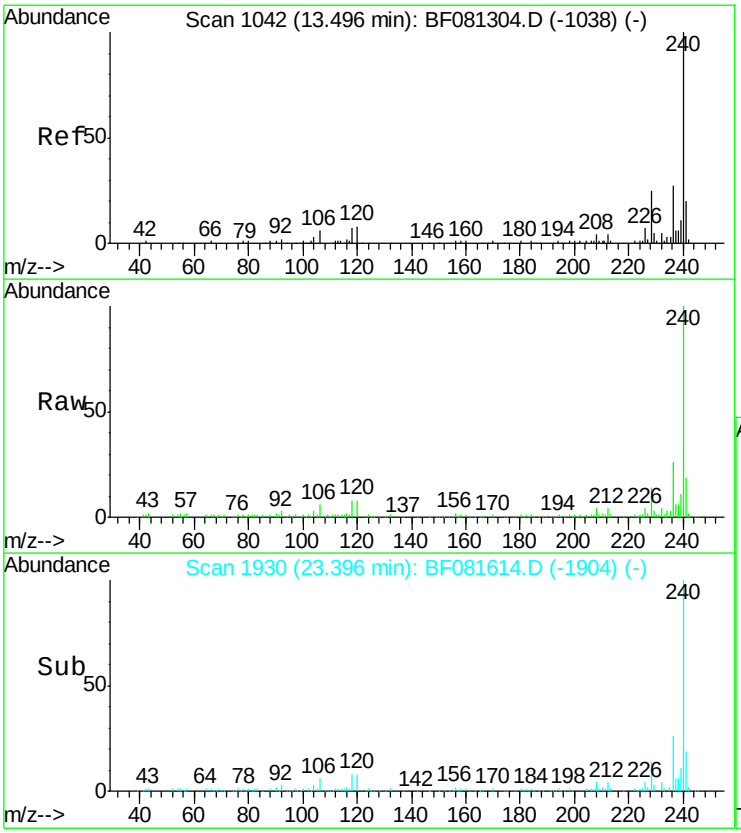
#74
Fluoranthene
Concen: 16.26 ng
RT: 21.44 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:202 Resp: 171298

Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	38.3
203	17.1	0.0	37.3

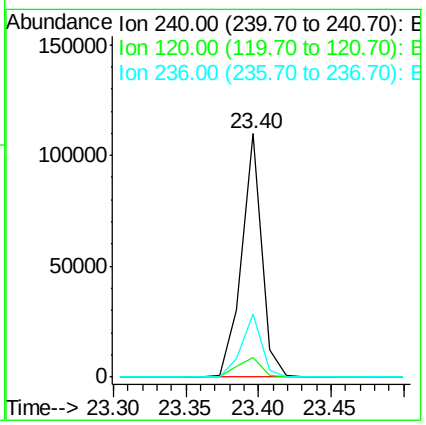


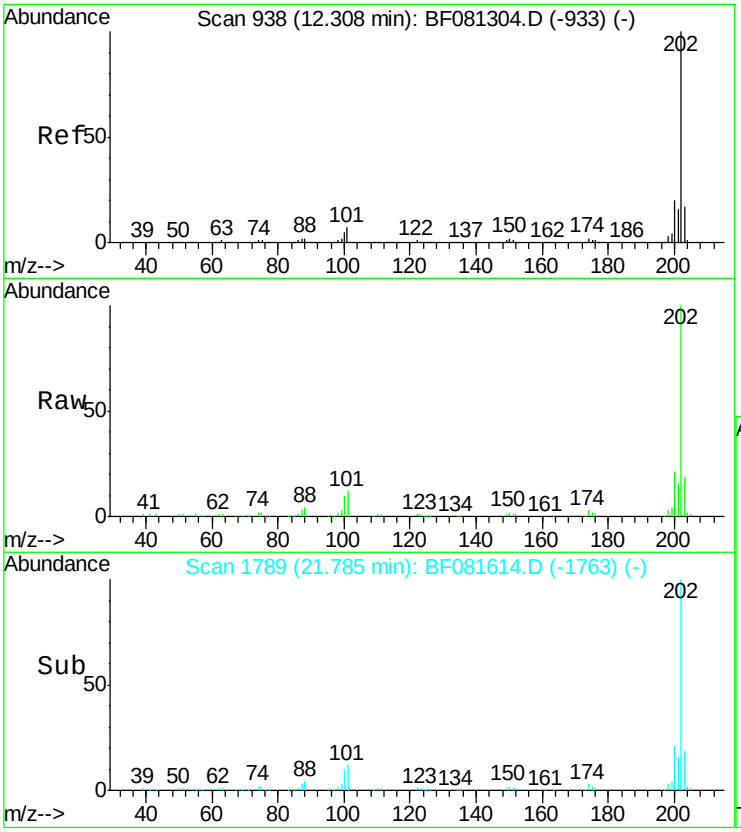


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.40 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:240 Resp: 105880

Ion	Ratio	Lower	Upper
240	100		
120	7.9	16.2	24.2#
236	25.8	18.4	27.6



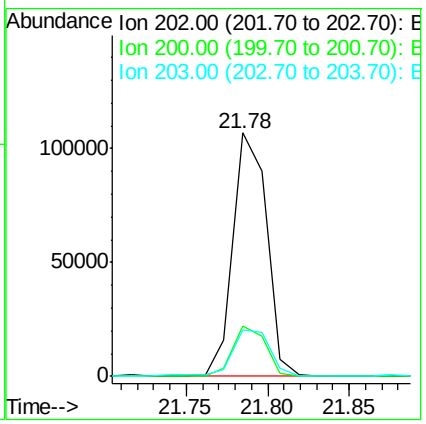


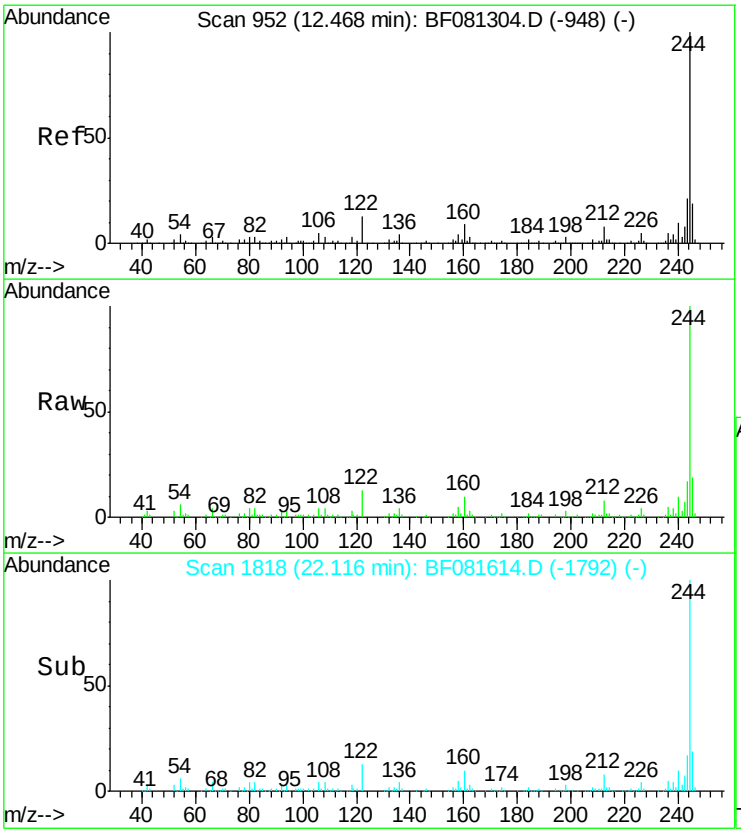
#77
Pyrene
Concen: 19.41 ng
RT: 21.78 min Scan# 1789
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:202 Resp: 152212

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.0	22.4
203	19.2	14.1	21.1

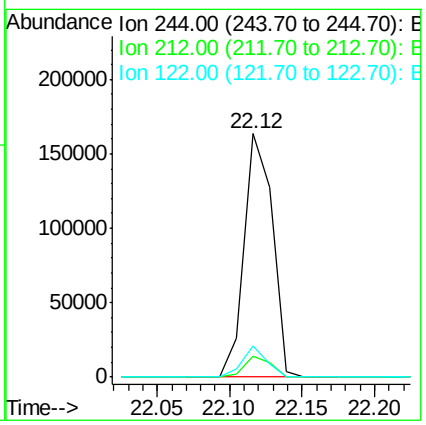


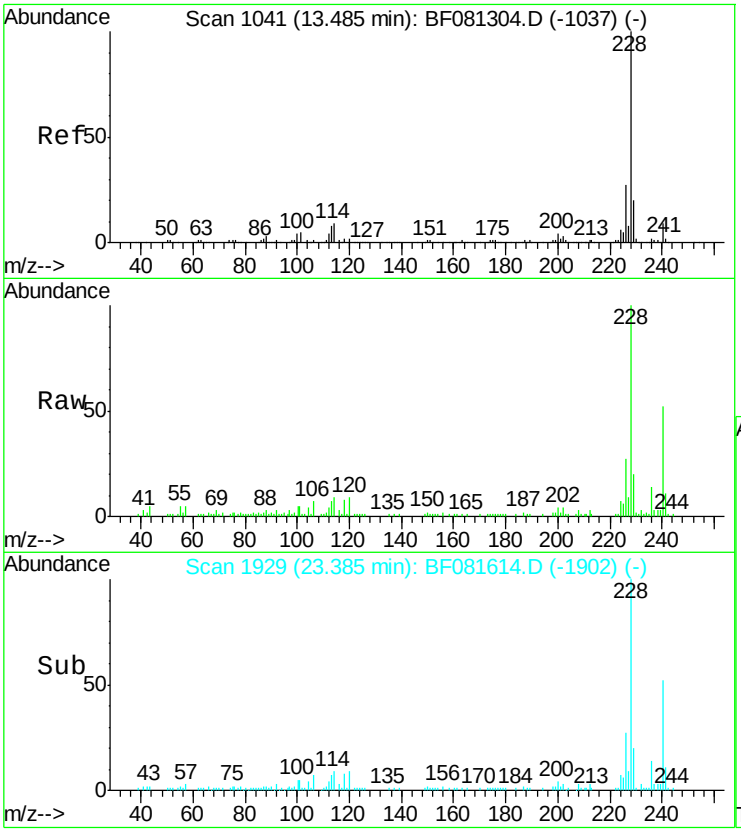


#78
Terphenyl-d14
Concen: 48.51 ng
RT: 22.12 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:244 Resp: 220648

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.3	6.5#
122	12.7	17.4	26.2#



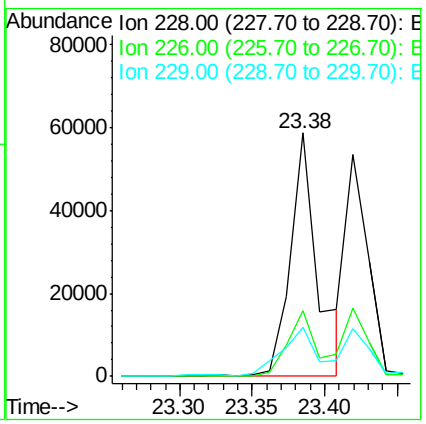


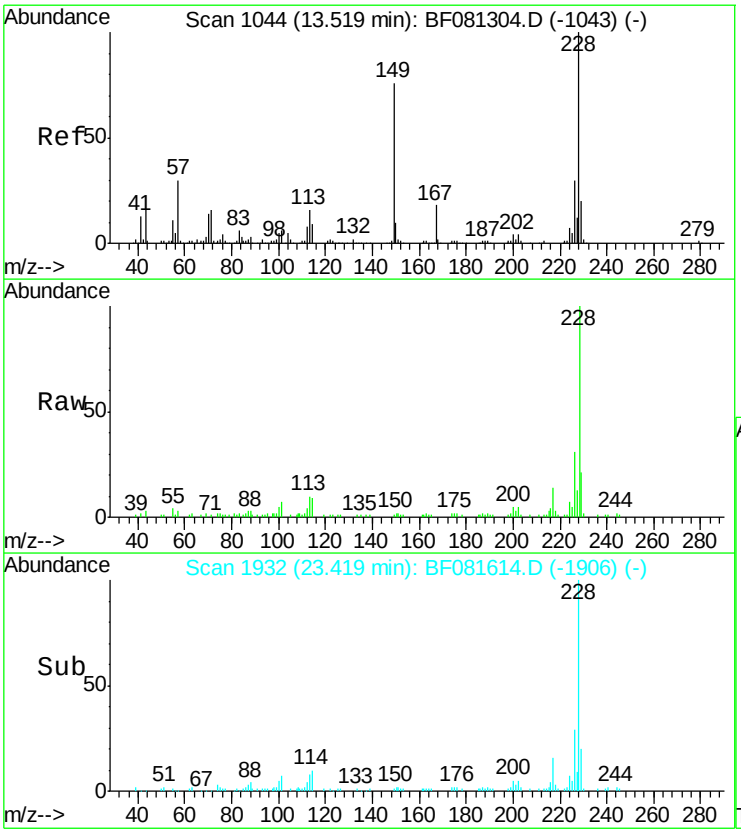
#80
Benzo(a)anthracene
Concen: 11.35 ng
RT: 23.38 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:228 Resp: 76555

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.0	30.0
229	20.3	15.4	23.2

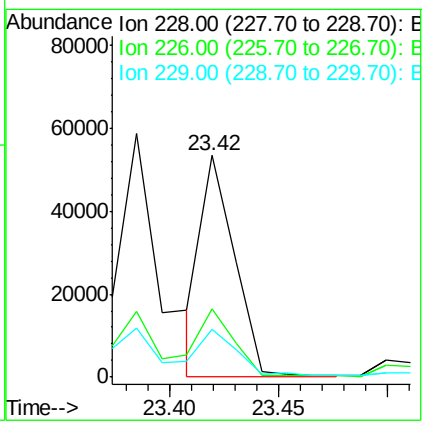


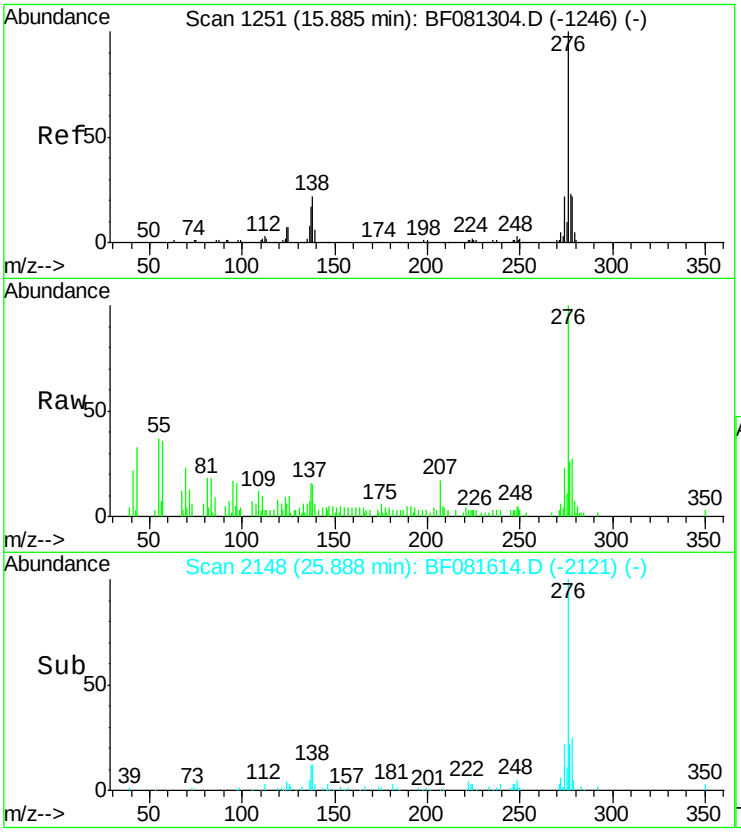


#82
Chrysene
Concen: 9.51 ng
RT: 23.42 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:228 Resp: 57453

Ion	Ratio	Lower	Upper
228	100		
226	30.9	21.0	31.4
229	21.3	15.6	23.4



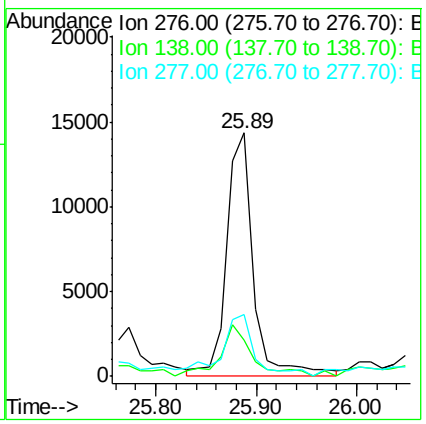


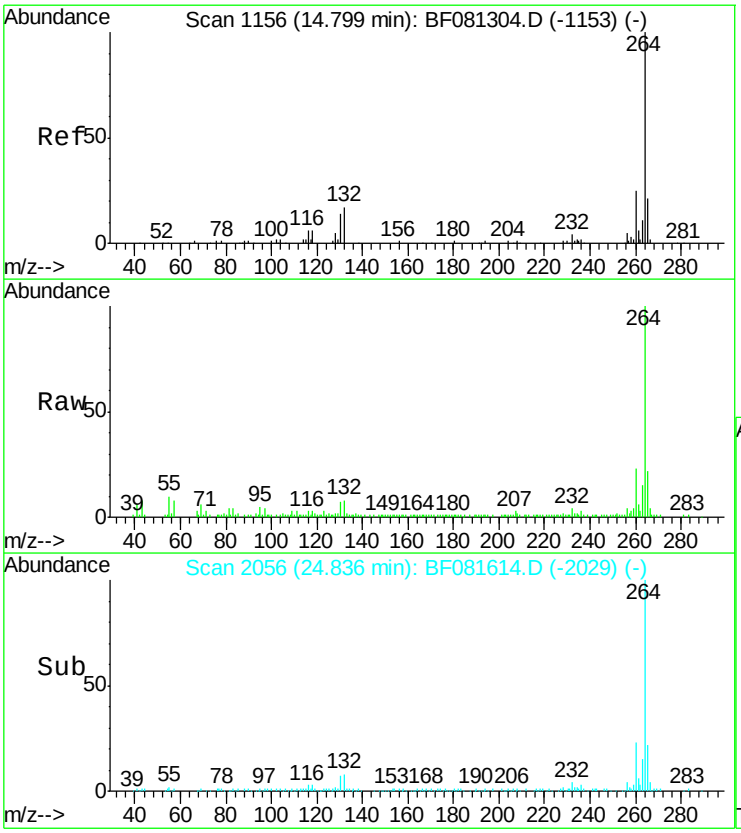
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.98 ng
RT: 25.89 min Scan# 2148
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:276 Resp: 26532

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.7	38.5
277	32.5	15.6	23.4#

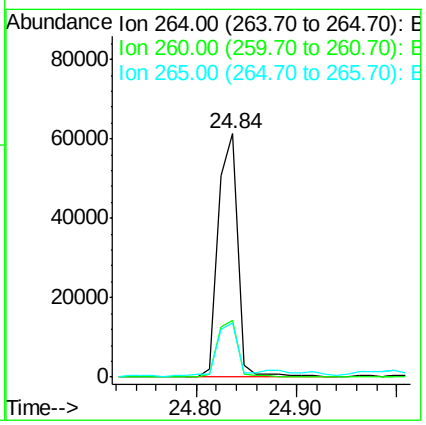


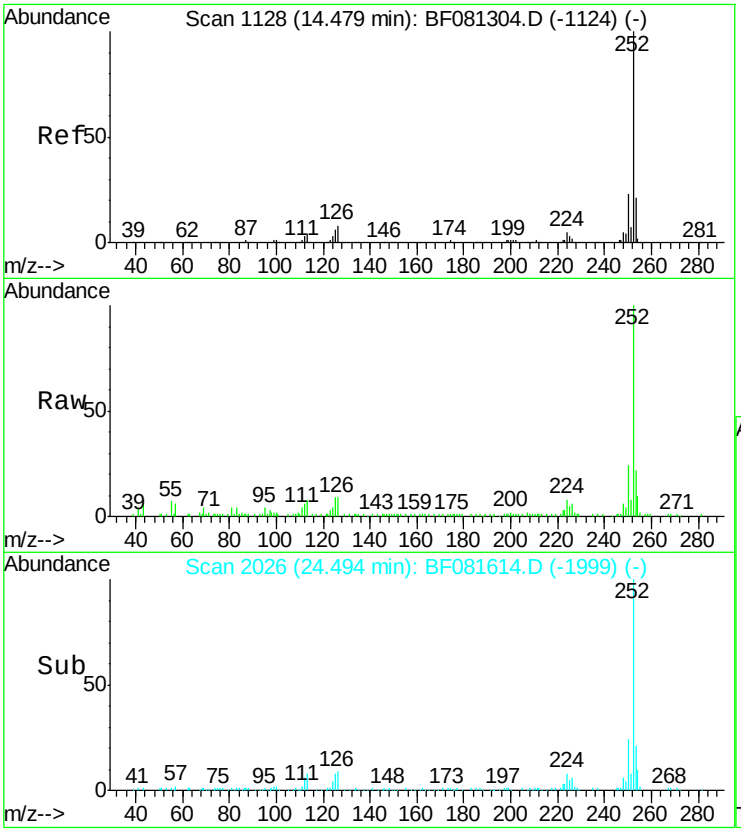


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.84 min Scan# 2056
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:264 Resp: 82625

Ion	Ratio	Lower	Upper
264	100		
260	23.4	16.7	25.1
265	22.5	17.2	25.8



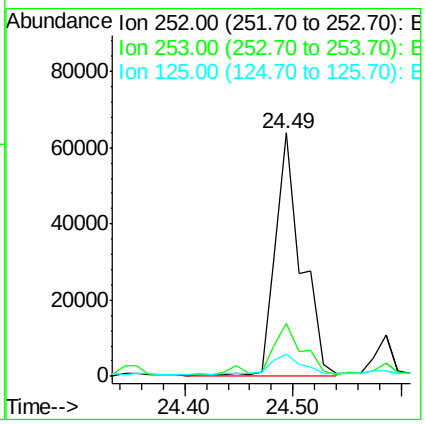


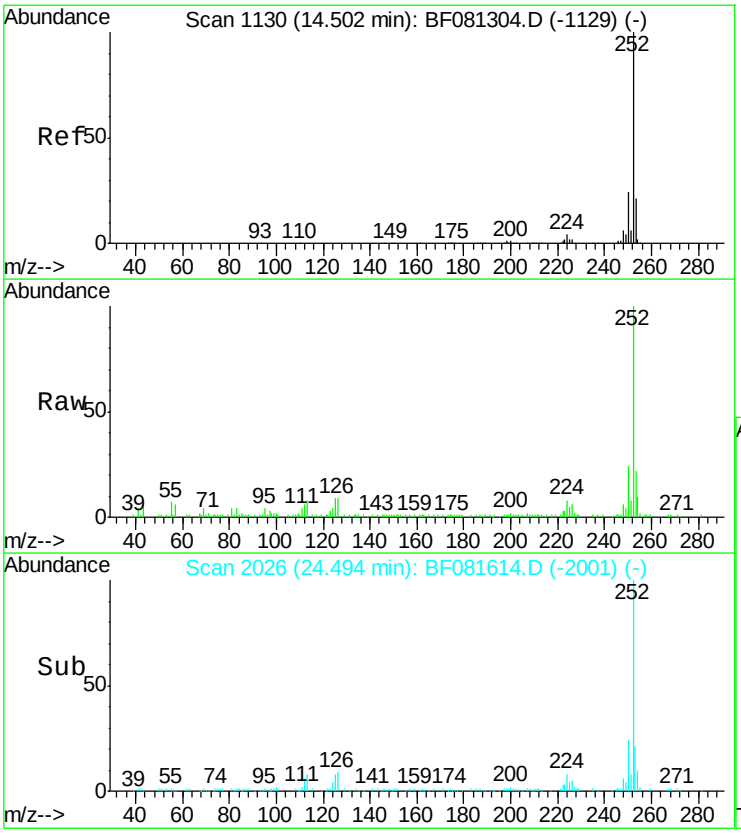
#87
Benzo(b)fluoranthene
Concen: 18.10 ng
RT: 24.49 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:252 Resp: 106752

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	9.4	17.1	25.7#

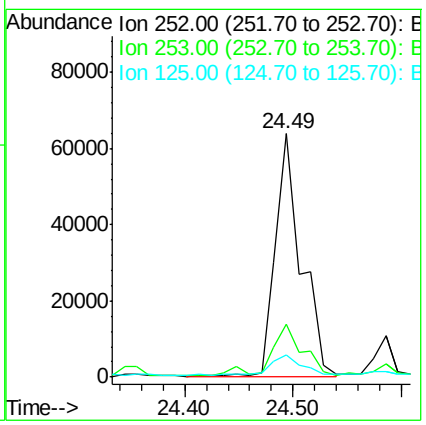


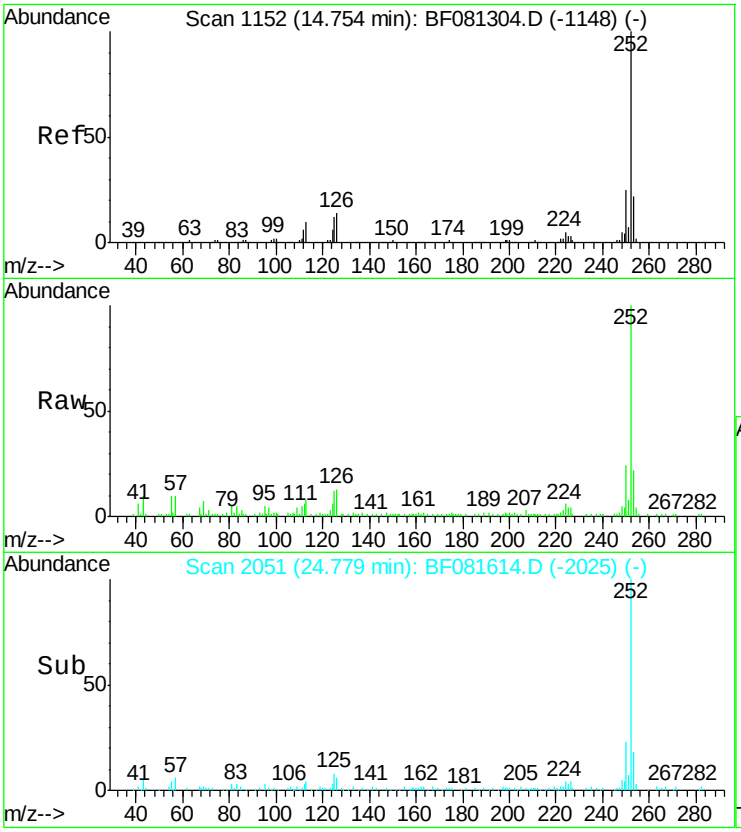


#88
Benzo(k)fluoranthene
Concen: 21.81 ng
RT: 24.49 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:252 Resp: 106752

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.4
125	9.4	16.0	24.0#



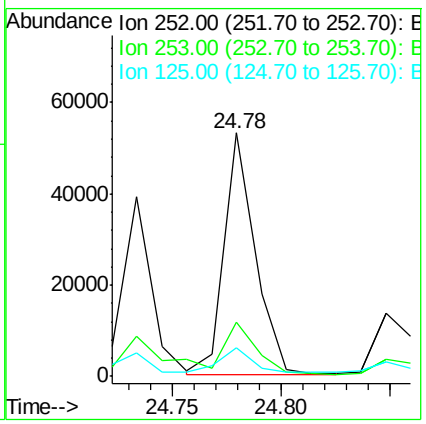


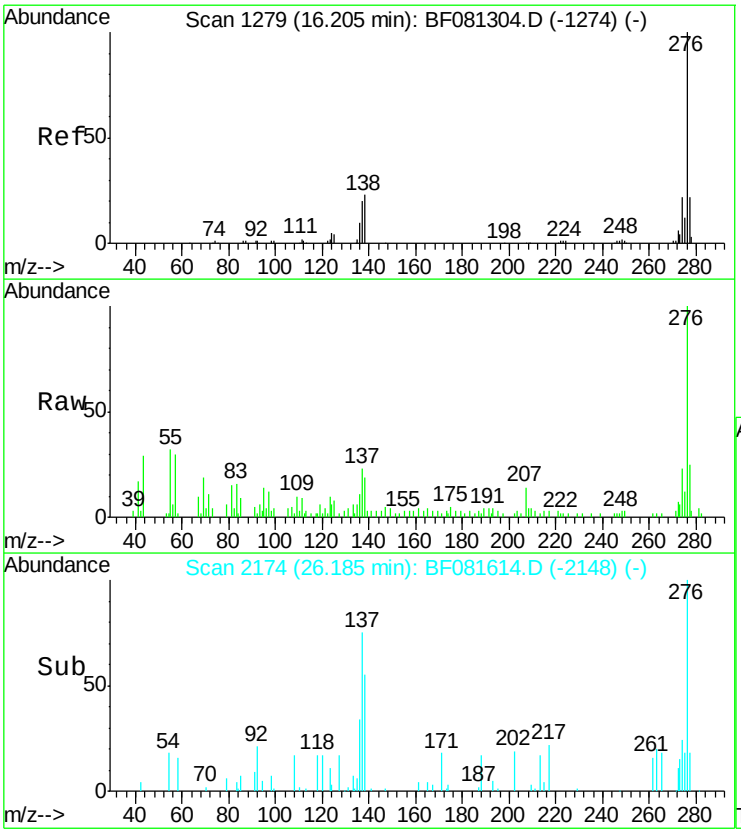
#89
Benzo(a)pyrene
Concen: 10.57 ng
RT: 24.78 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Instrument :
BNA_F
ClientSampleId :
GP-8(0-5)

Tgt Ion:252 Resp: 52841

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.5	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 7.56 ng
RT: 26.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF081614.D
Acq: 14 Sep 2015 18:50

Tgt Ion:276 Resp: 27853

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.8	26.6
138	19.4	34.6	51.8#