Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081629.D
Acq On : 15 Sep 2015 14:48
Operator : UM/IZ
Sample : G3597-08RE 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 15 15:45:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	50498	20.00	ng		-0.01
21) Naphthalene-d8	11.11	136	201907	20.00	ng		-0.01
38) Acenaphthene-d10	15.25	164	95501	20.00	ng		-0.01
63) Phenanthrene-d10	18.74	188	177850	20.00	ng		-0.01
75) Chrysene-d12	23.37	240	110217	20.00	ng		-0.01
86) Perylene-d12	24.81	264	96531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	241928	74.33	ng		0.01
7) Phenol-d6	7.62	99	332905	77.27	ng		-0.02
23) Nitrobenzene-d5	9.50	82	221168	52.85	ng		-0.03
41) 2,4,6-Tribromophenol	17.14	330	59664	70.16	ng		-0.02
44) 2-Fluorobiphenyl	13.75	172	359206	48.20	ng		-0.02
78) Terphenyl-d14	22.10	244	260444	55.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.54	88	5623	3.85	ng	#	11
19) n-Nitroso-di-n-propylamine	9.50	70	30054	10.25	ng	#	65
49) Dimethylphthalate	14.81	163	87242	11.76	ng	#	96
70) Phenanthrene	18.80	178	108057	10.93	ng		98
71) Anthracene	18.93	178	24201	2.38	ng		96
74) Fluoranthene	21.42	202	192480	17.98	ng		91
77) Pyrene	21.77	202	176874	21.66	ng		96
80) Benzo(a)anthracene	23.37	228	76315	10.87	ng		96
82) Chrysene	23.41	228	70631	11.23	ng		95
85) Indeno(1,2,3-cd)pyrene	25.87	276	43023	9.32	ng	#	88
88) Benzo(k)fluoranthene	24.56	252	13105	2.29	ng		93
89) Benzo(a)pyrene	24.77	252	63602	10.89	ng	#	83
90) Dibenzo(a,h)anthracene	25.87	278	9227	2.04	ng	#	80
91) Benzo(g,h,i)perylene	26.16	276	44224	10.27	ng	#	75

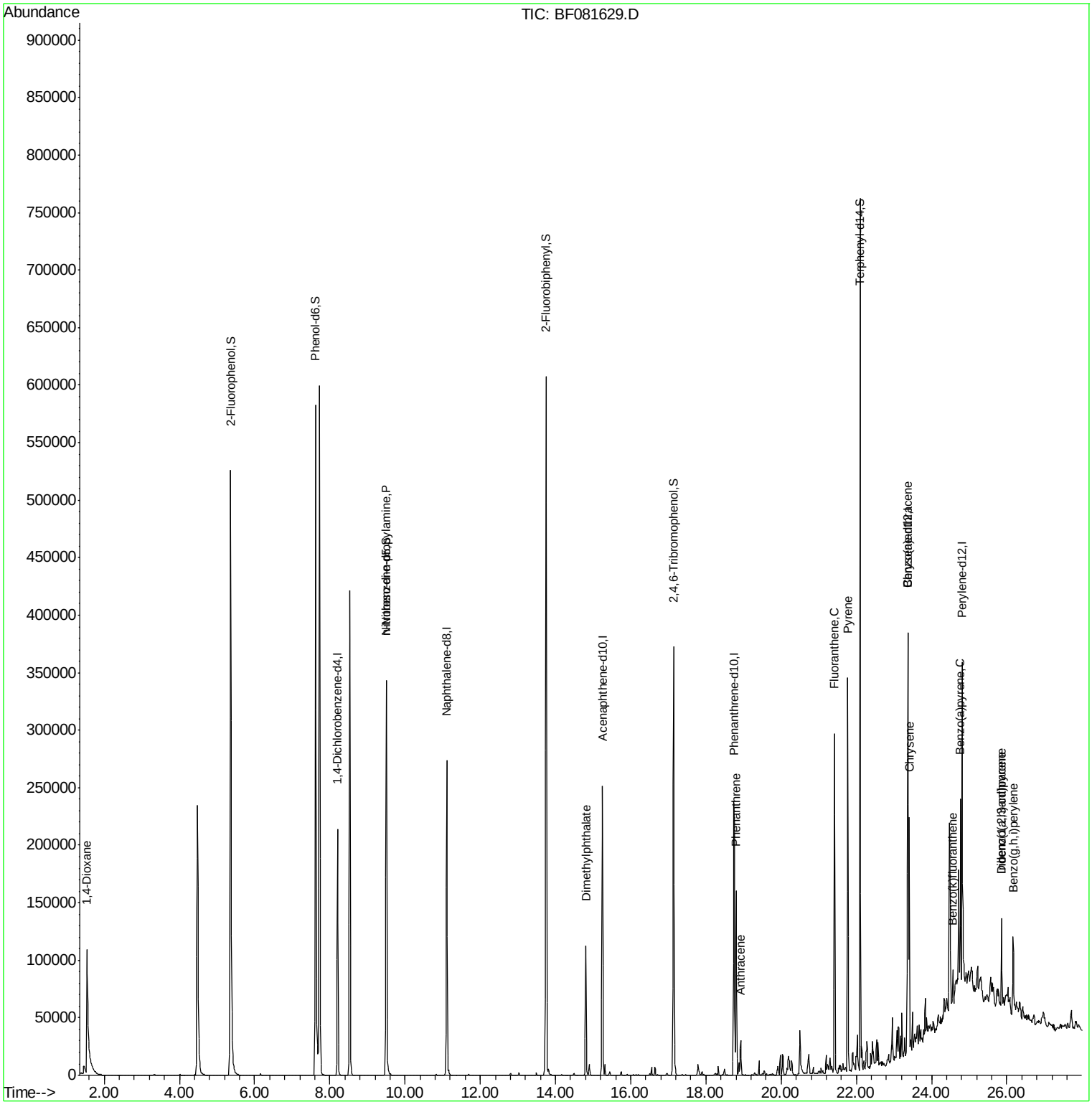
(#) = qualifier out of range (m) = manual integration (+) = signals summed

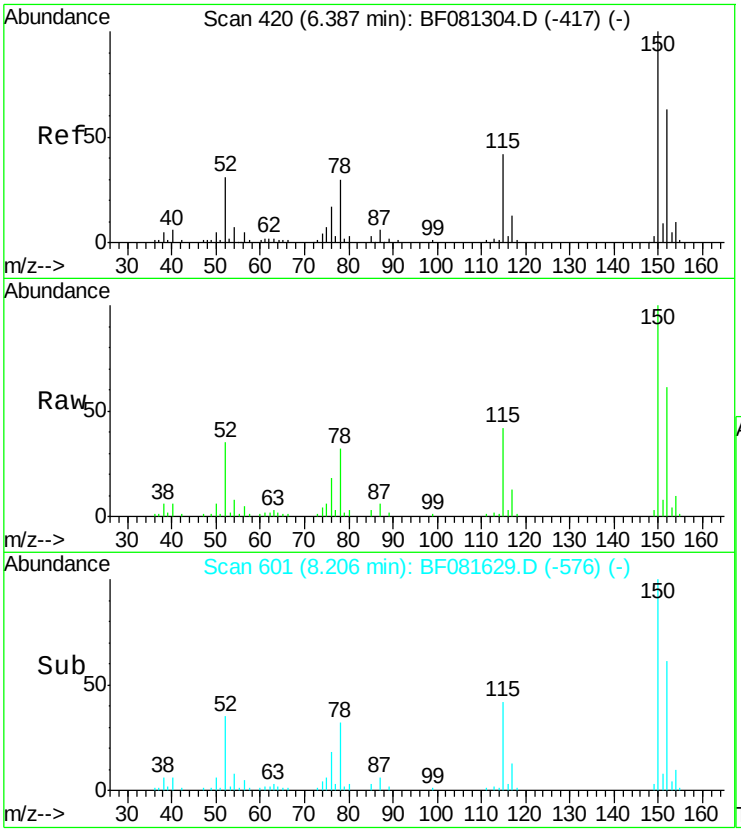
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091515\
Data File : BF081629.D
Acq On : 15 Sep 2015 14:48
Operator : UM/IZ
Sample : G3597-08RE 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Sep 15 15:45:57 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration



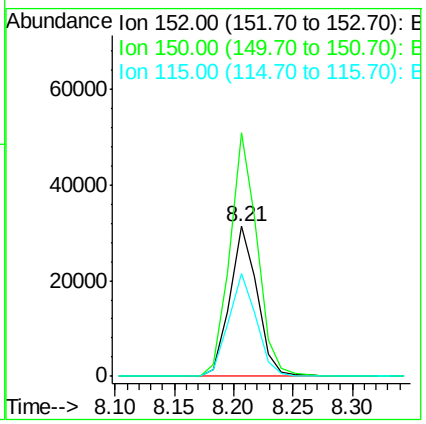


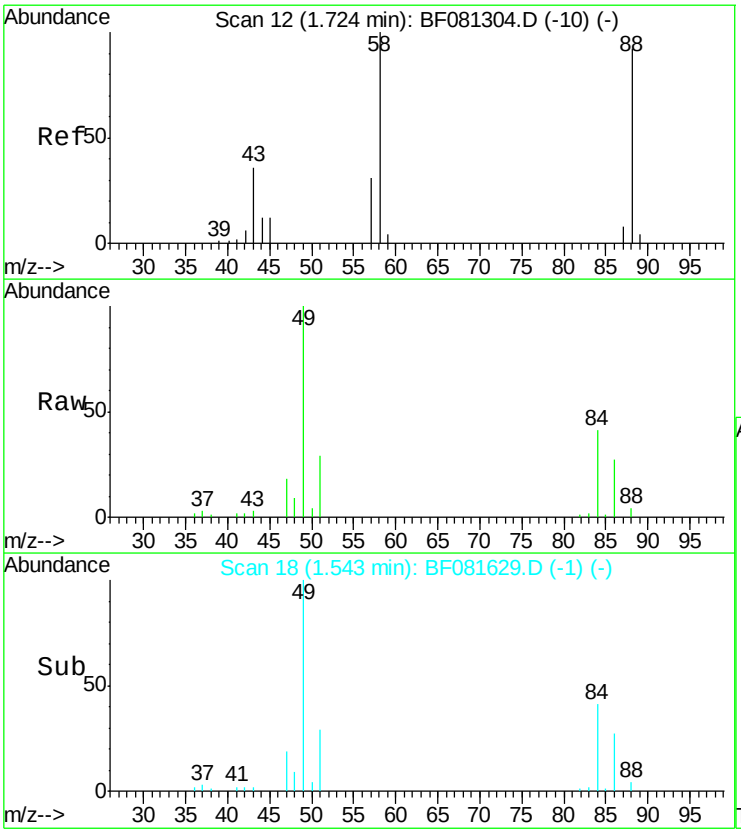
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:152 Resp: 50498

Ion	Ratio	Lower	Upper
152	100		
150	162.7	124.7	187.1
115	68.8	39.0	58.4#

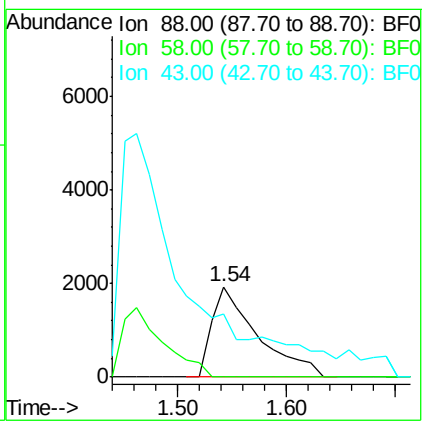


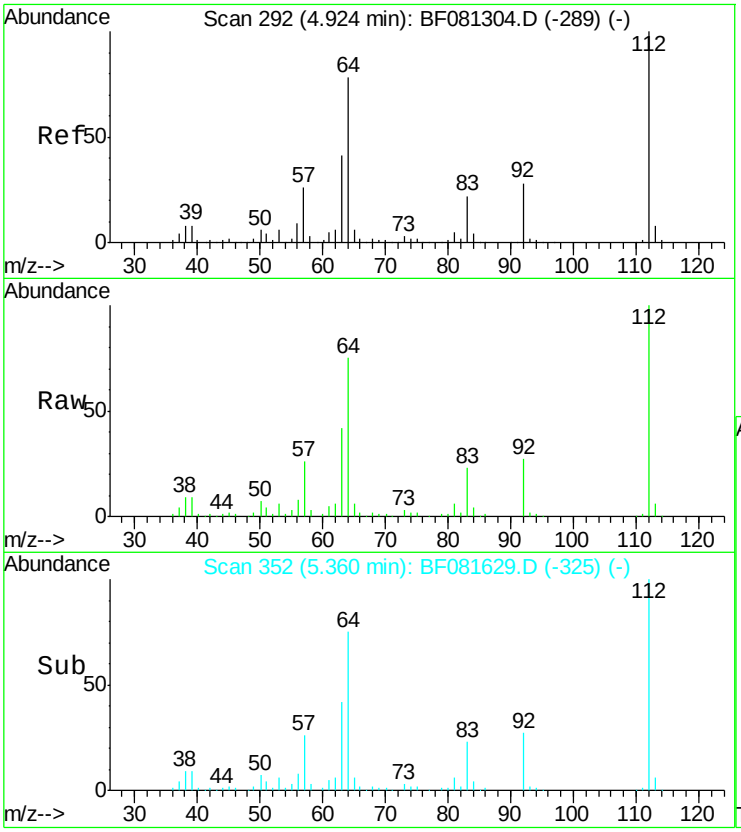


#2
1,4-Dioxane
Concen: 3.85 ng
RT: 1.54 min Scan# 18
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion: 88 Resp: 5623

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



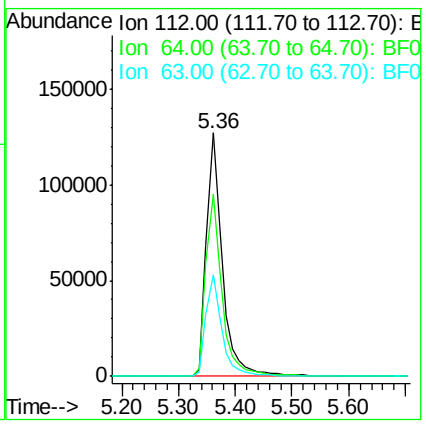


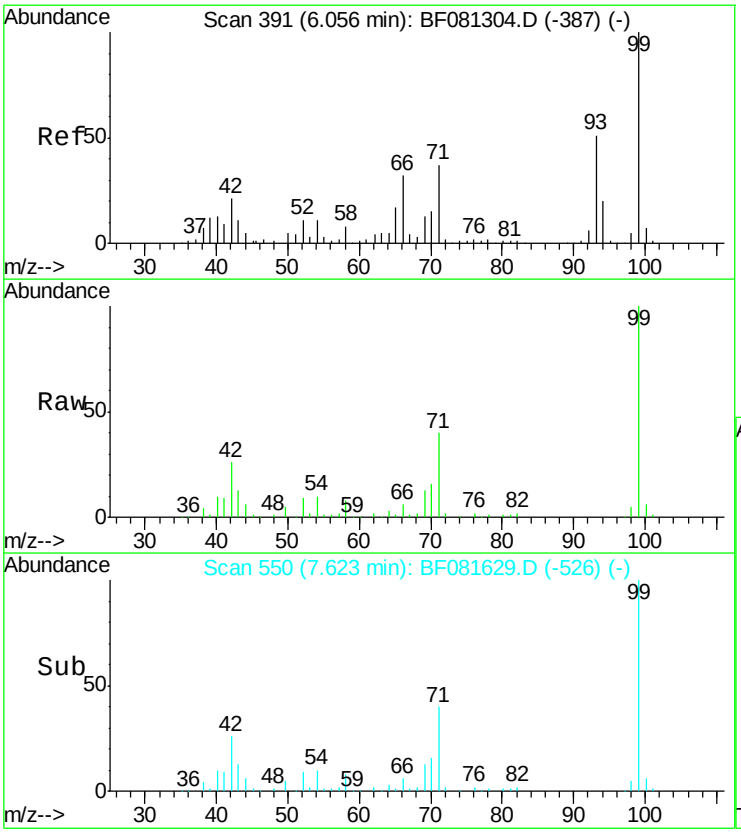
#5
2-Fluorophenol
Concen: 74.33 ng
RT: 5.36 min Scan# 352
Delta R.T. 0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:112 Resp: 241928

Ion	Ratio	Lower	Upper
112	100		
64	75.0	39.7	59.5#
63	42.0	17.4	26.0#

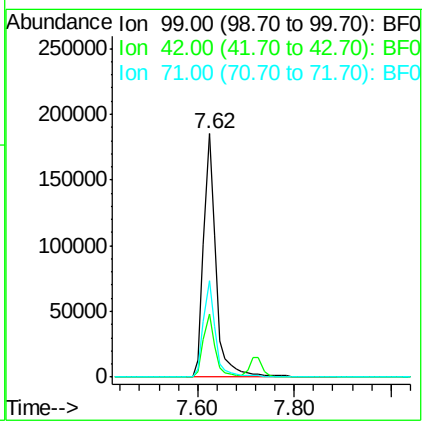


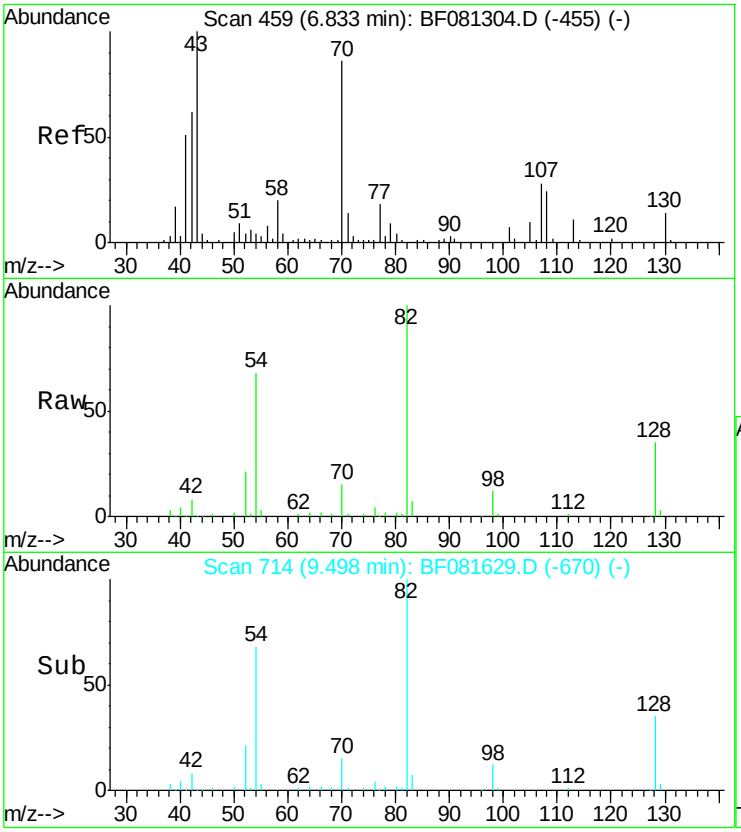


#7
Phenol-d6
Concen: 77.27 ng
RT: 7.62 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion: 99 Resp: 332905

Ion	Ratio	Lower	Upper
99	100		
42	25.9	13.7	20.5#
71	39.8	14.2	21.2#



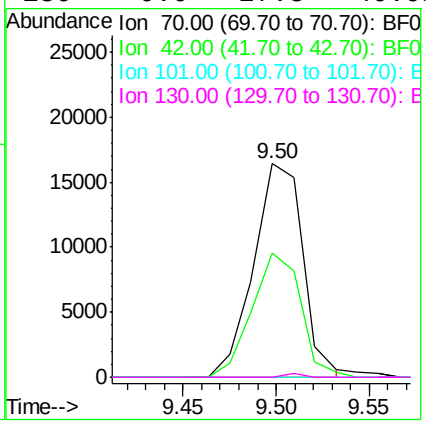


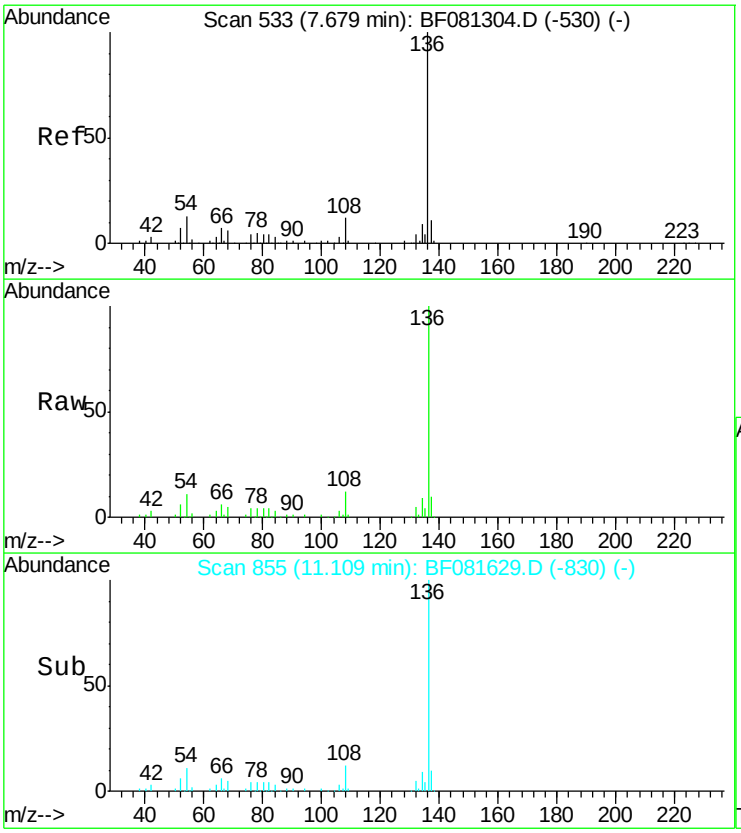
#19
n-Nitroso-di-n-propylamine
Concen: 10.25 ng
RT: 9.50 min Scan# 714
Delta R.T. 0.21 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion: 70 Resp: 30054

Ion	Ratio	Lower	Upper
70	100		
42	58.0	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#

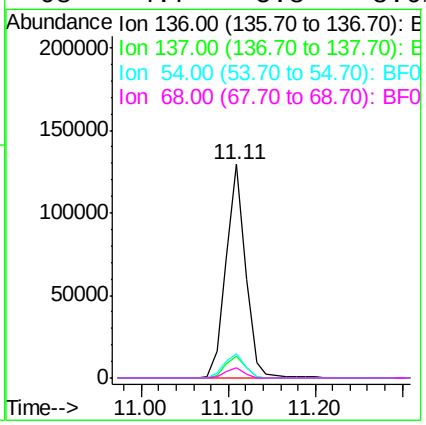


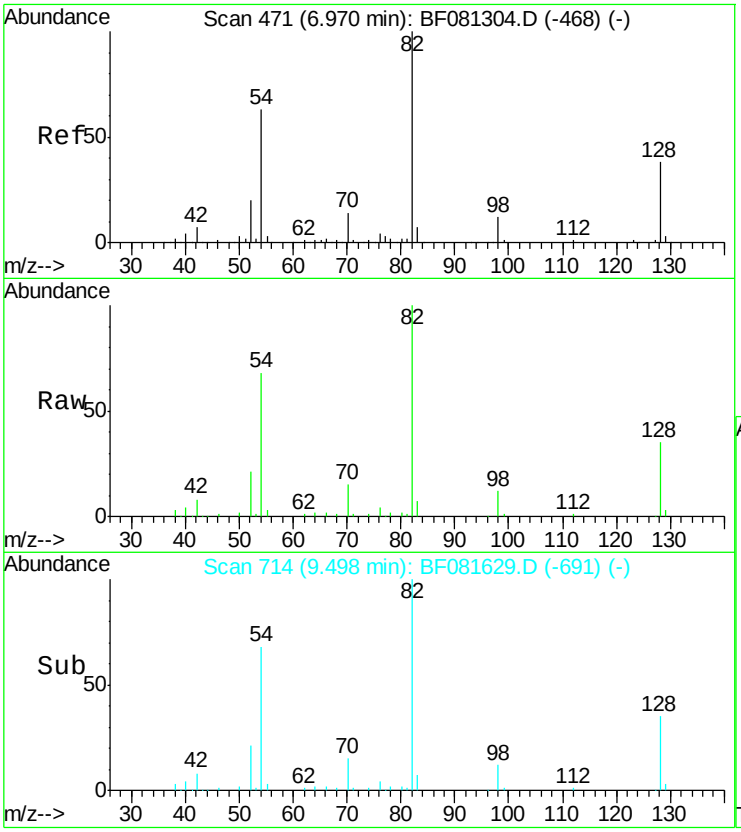


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:136 Resp: 201907

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	11.4	8.2	12.2
68	4.7	5.8	8.6#



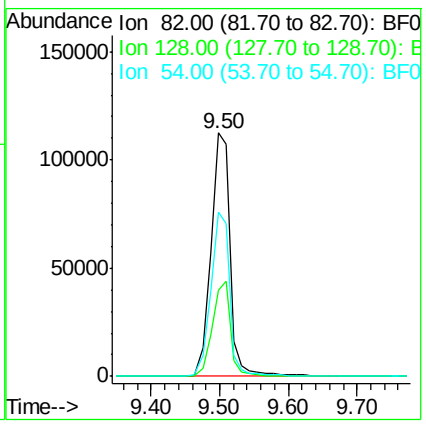


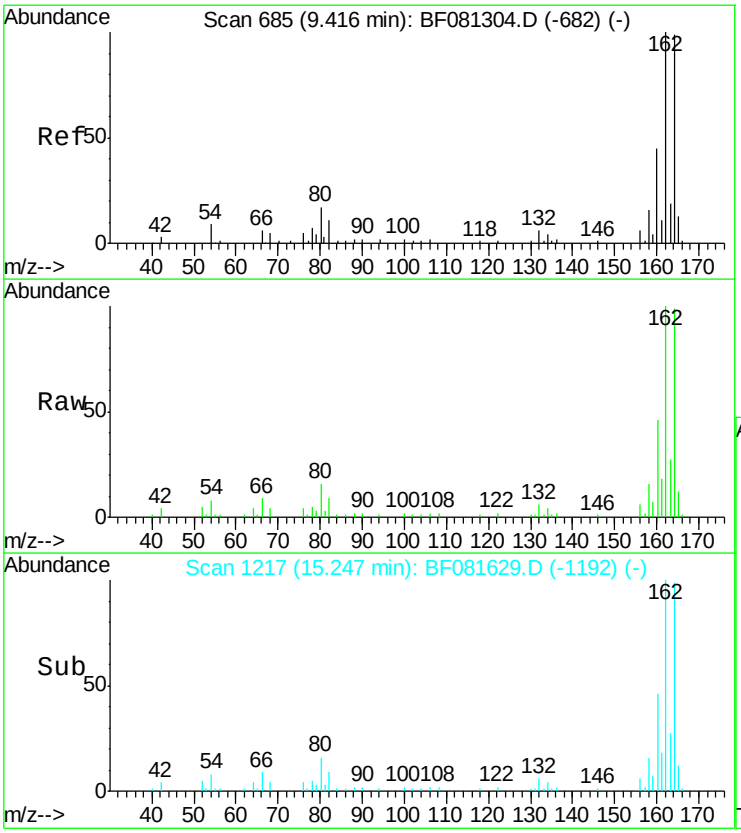
#23
Nitrobenzene-d5
Concen: 52.85 ng
RT: 9.50 min Scan# 714
Delta R.T. -0.03 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion: 82 Resp: 221168

Ion	Ratio	Lower	Upper
82	100		
128	35.2	51.0	76.6#
54	67.7	47.5	71.3

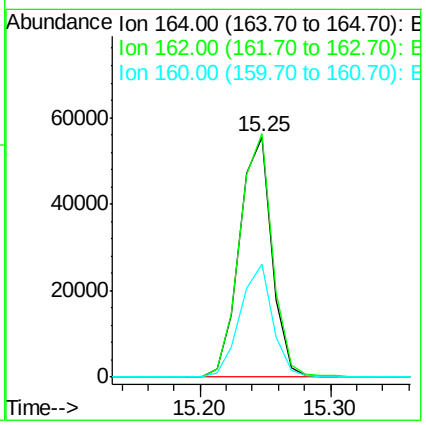


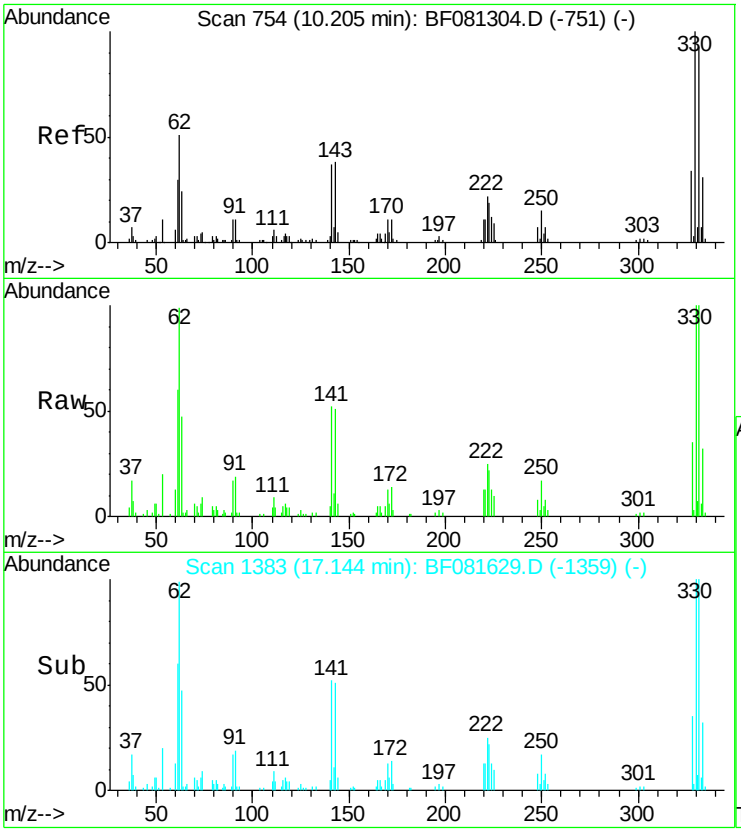


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:164 Resp: 95501

Ion	Ratio	Lower	Upper
164	100		
162	101.4	75.2	112.8
160	47.0	31.5	47.3



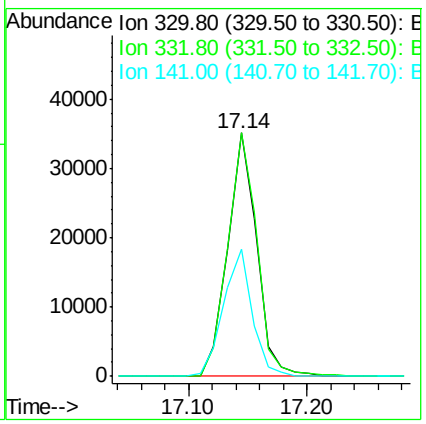


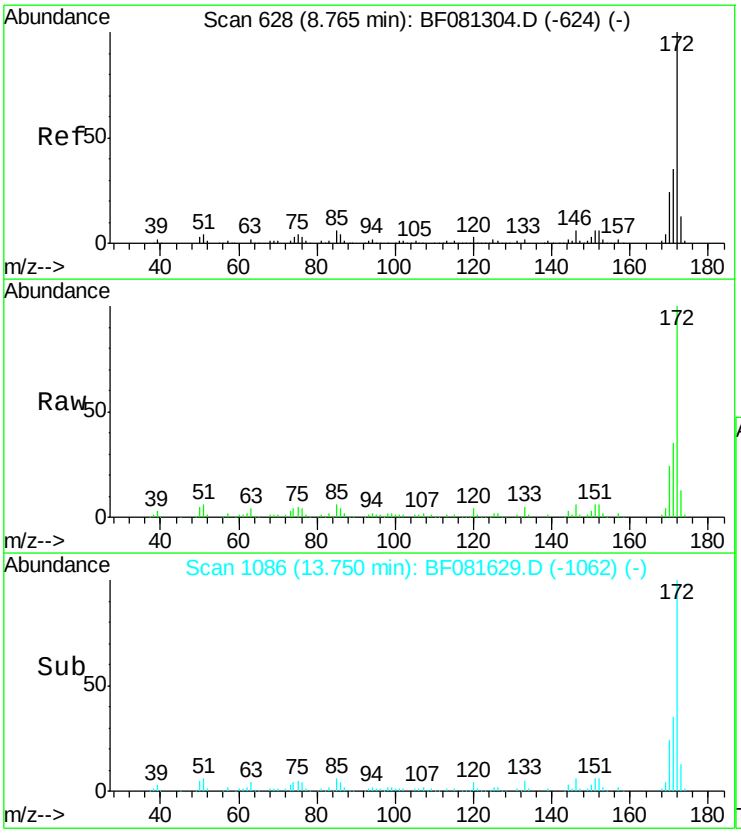
#41
2,4,6-Tribromophenol
Concen: 70.16 ng
RT: 17.14 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:330 Resp: 59664

Ion	Ratio	Lower	Upper
330	100		
332	101.2	76.6	114.8
141	51.7	29.7	44.5#

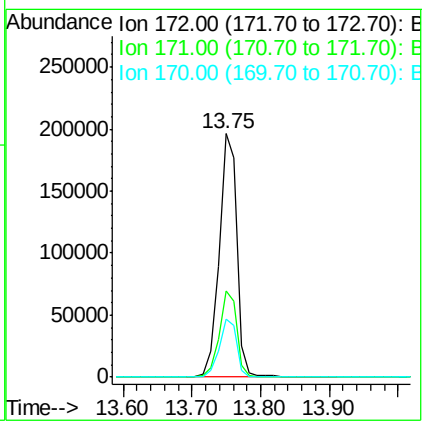


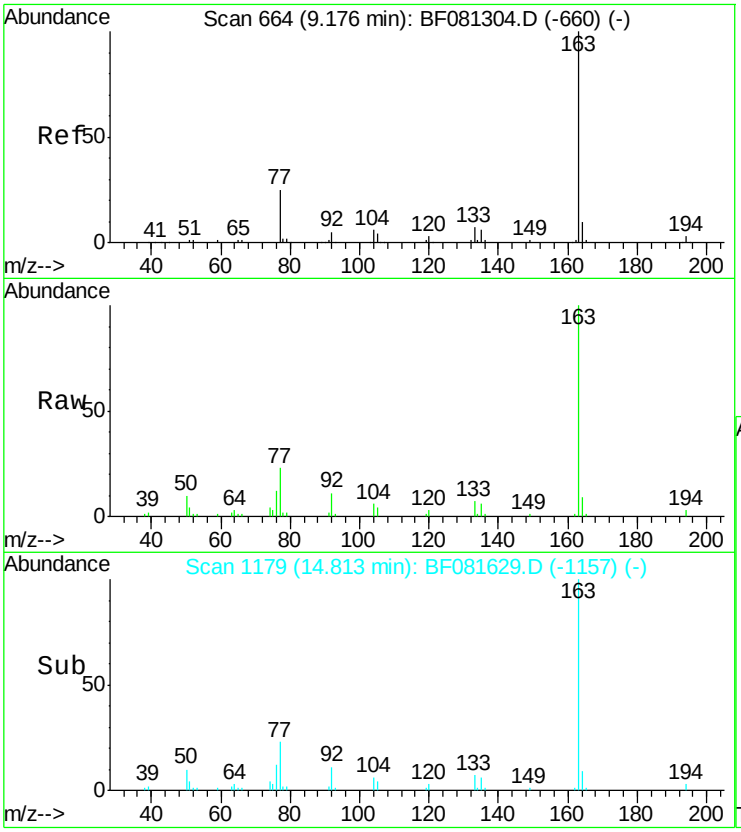


#44
2-Fluorobiphenyl
Concen: 48.20 ng
RT: 13.75 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:172 Resp: 359206

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.1	39.1
170	23.7	17.4	26.2



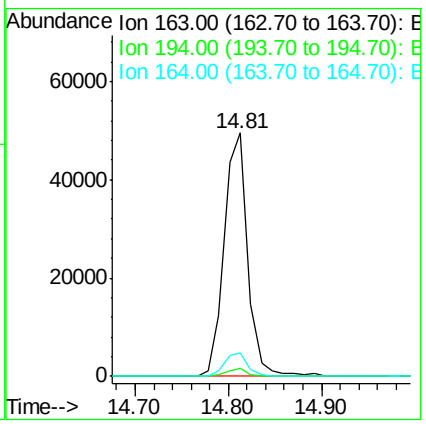


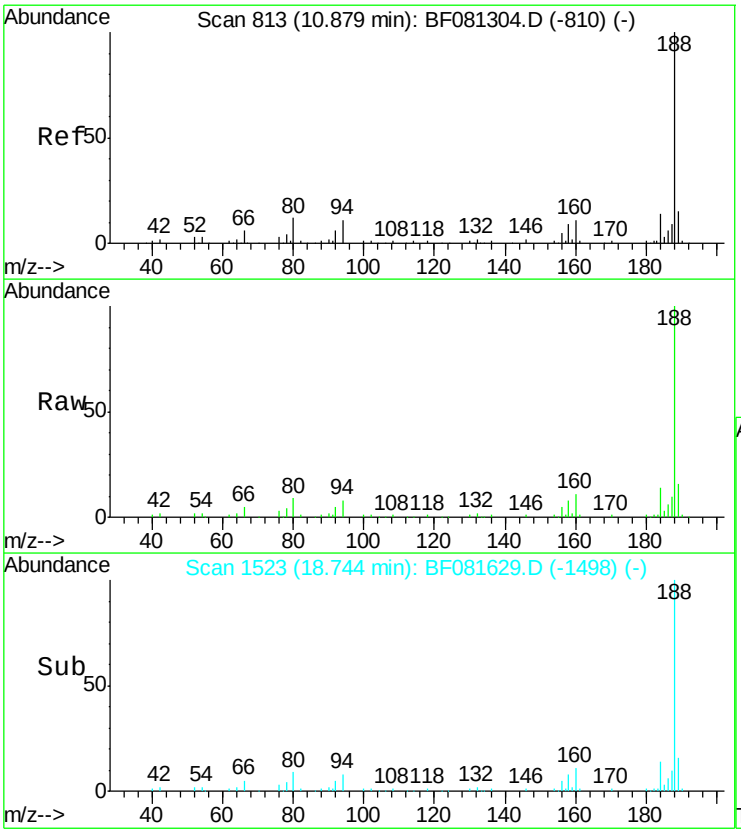
#49
Dimethylphthalate
Concen: 11.76 ng
RT: 14.81 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:163 Resp: 87242

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	9.5	8.3	12.5

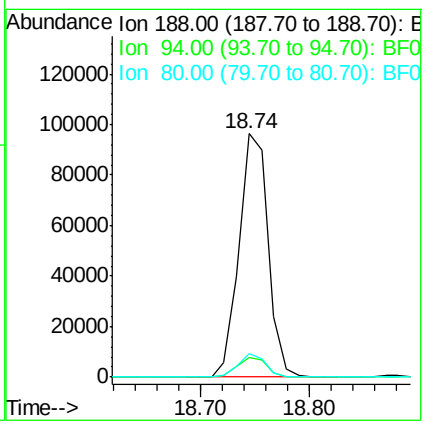


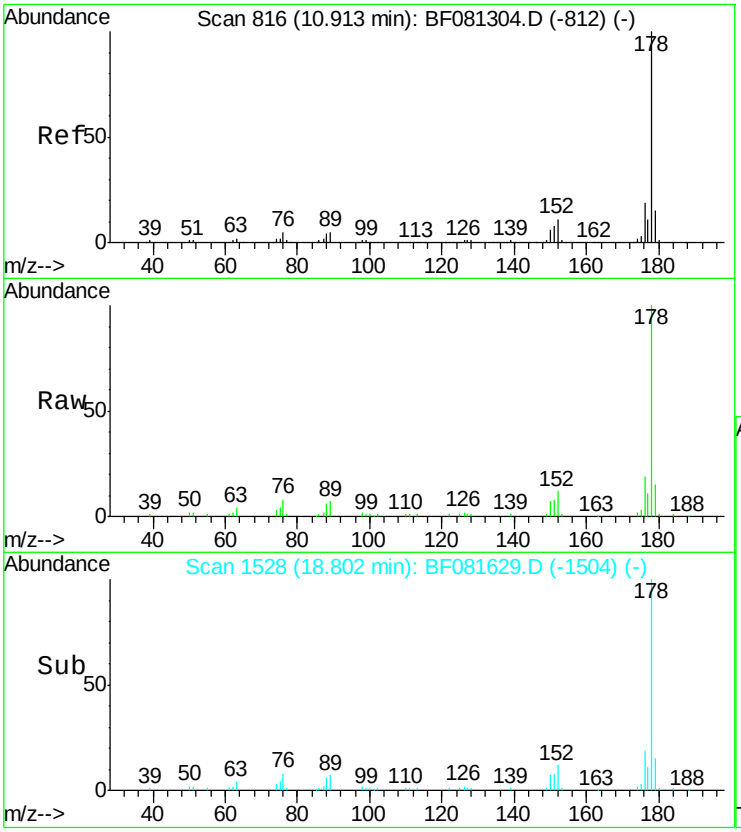


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.74 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:188 Resp: 177850

Ion	Ratio	Lower	Upper
188	100		
94	8.3	11.1	16.7#
80	9.4	11.0	16.4#



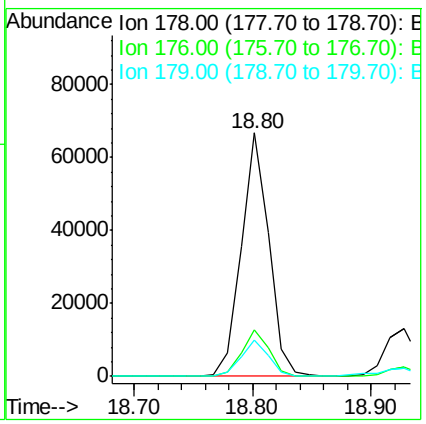


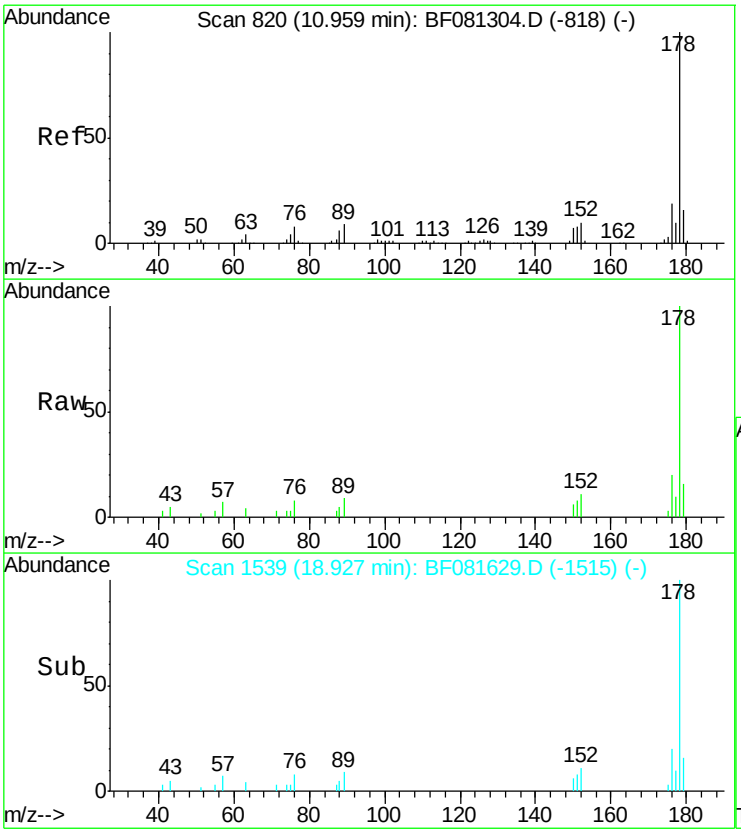
#70
Phenanthrene
Concen: 10.93 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:178 Resp: 108057

Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	15.1	12.2	18.2

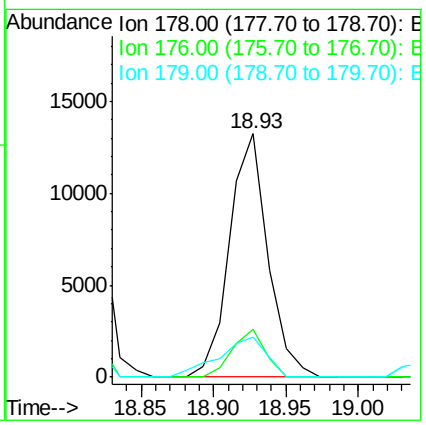


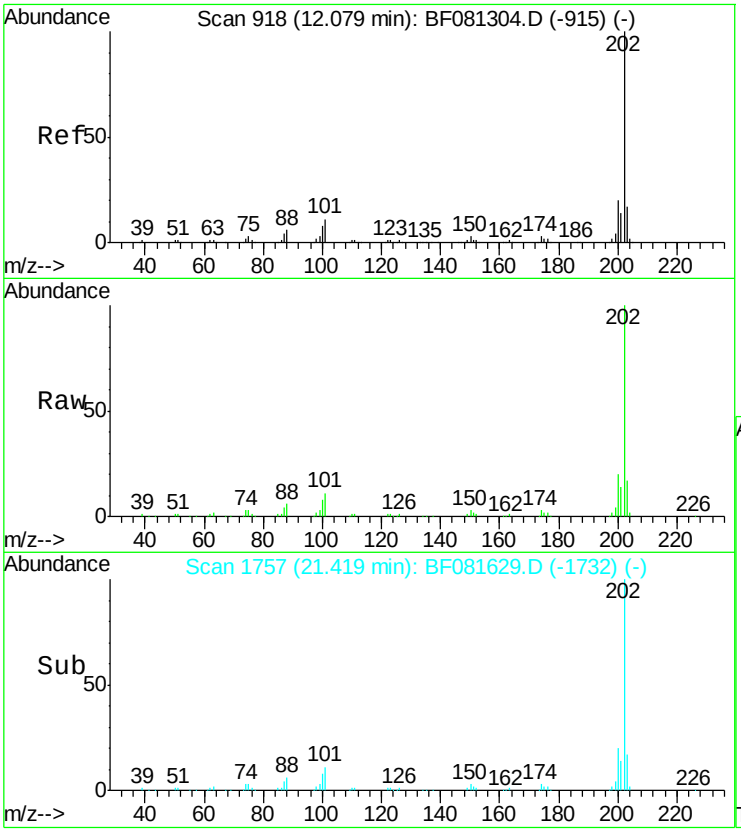


#71
Anthracene
Concen: 2.38 ng
RT: 18.93 min Scan# 1539
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:178 Resp: 24201

Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.1	21.1
179	16.4	12.2	18.2



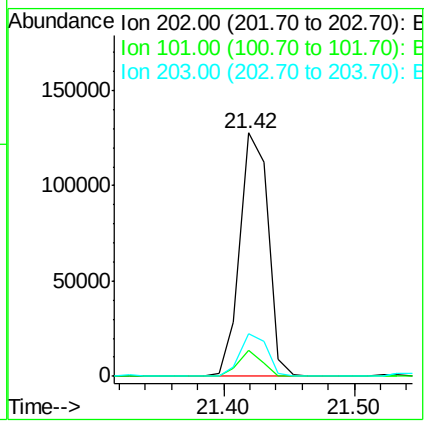


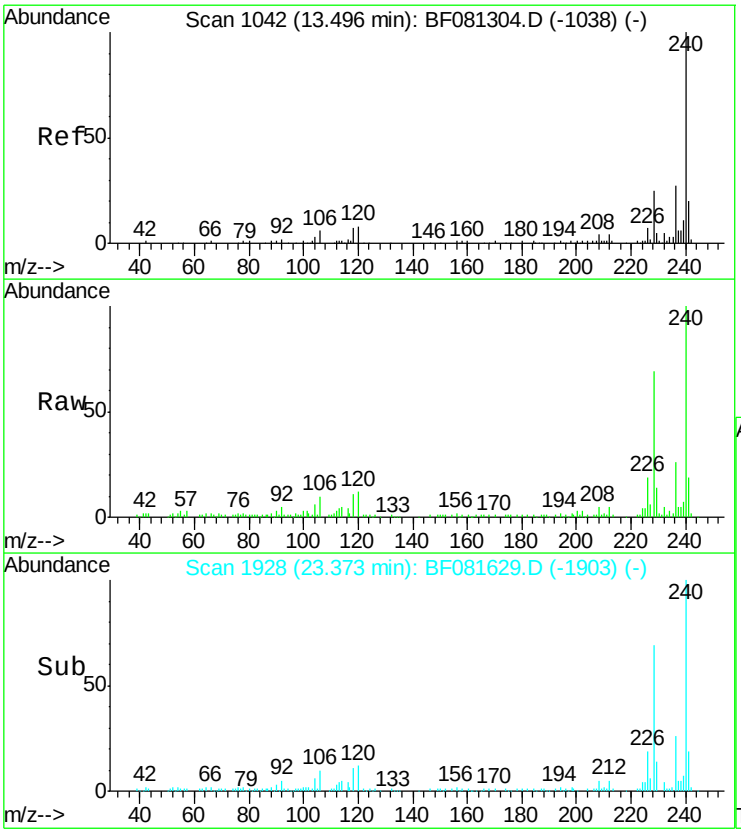
#74
Fluoranthene
Concen: 17.98 ng
RT: 21.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:202 Resp: 192480

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	38.3
203	17.3	0.0	37.3

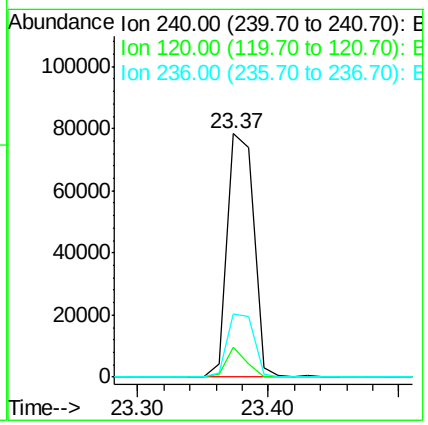


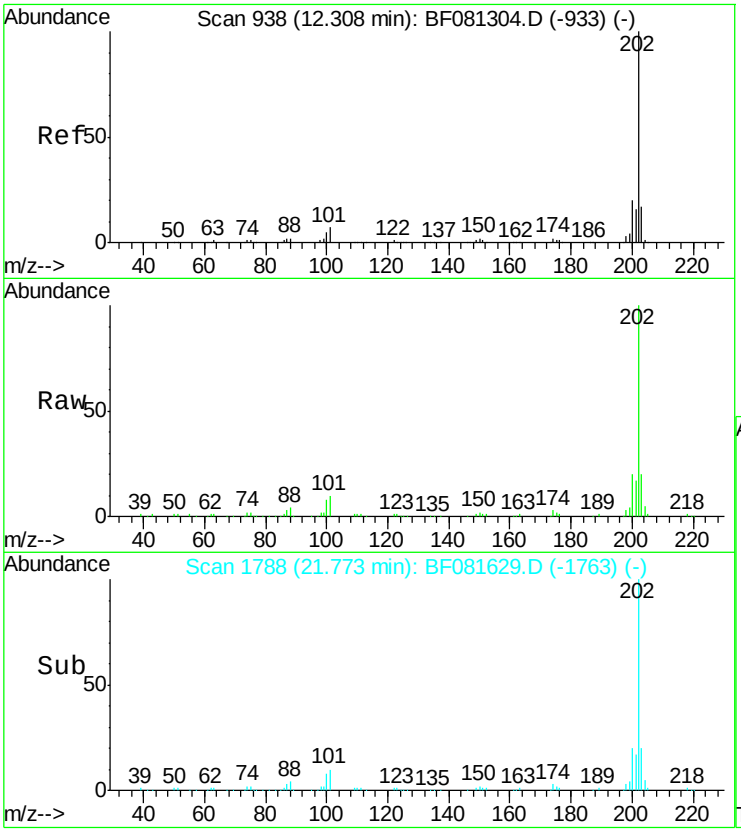


#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.37 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:240 Resp: 110217

Ion	Ratio	Lower	Upper
240	100		
120	12.5	16.2	24.2#
236	26.1	18.4	27.6



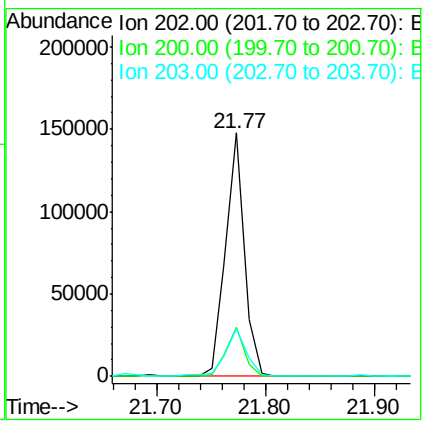


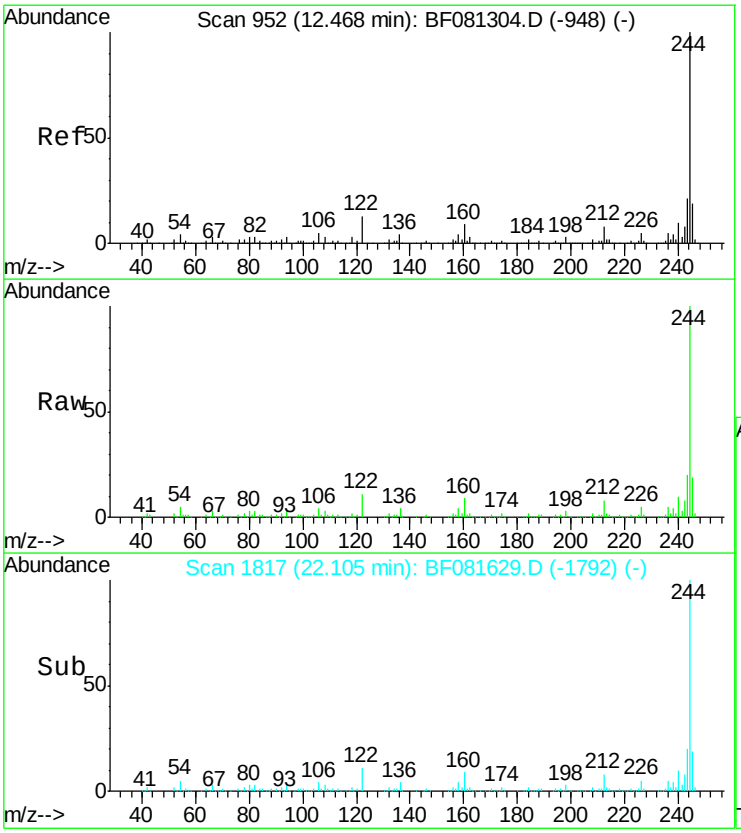
#77
Pyrene
Concen: 21.66 ng
RT: 21.77 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:202 Resp: 176874

Ion	Ratio	Lower	Upper
202	100		
200	20.2	15.0	22.4
203	19.5	14.1	21.1

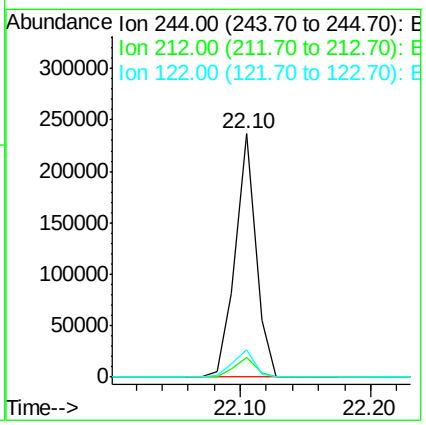


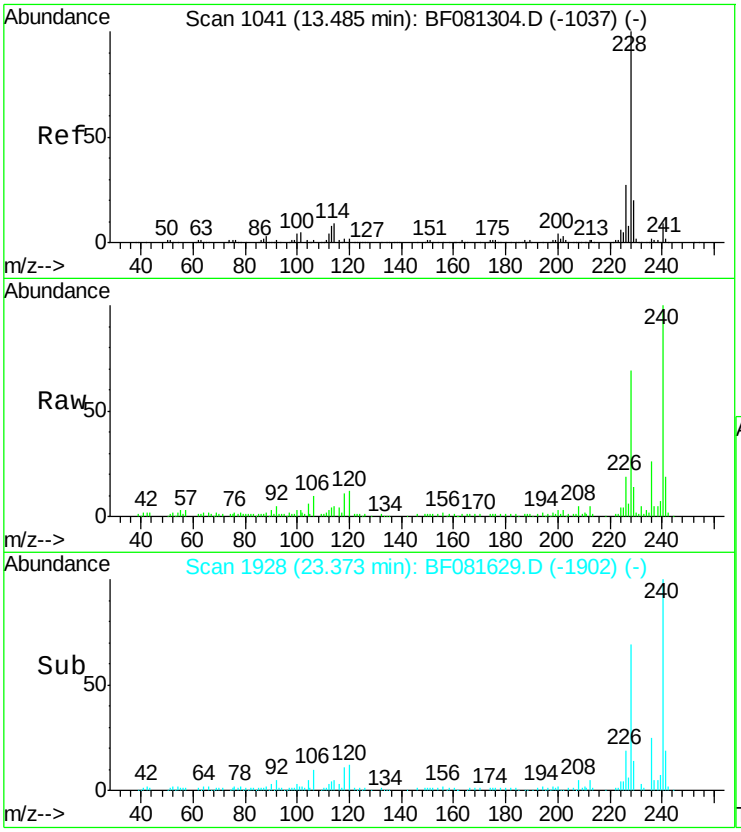


#78
Terphenyl-d14
Concen: 55.01 ng
RT: 22.10 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:244 Resp: 260444

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	11.1	17.4	26.2#



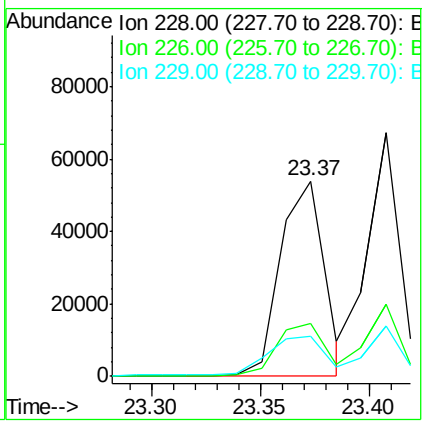


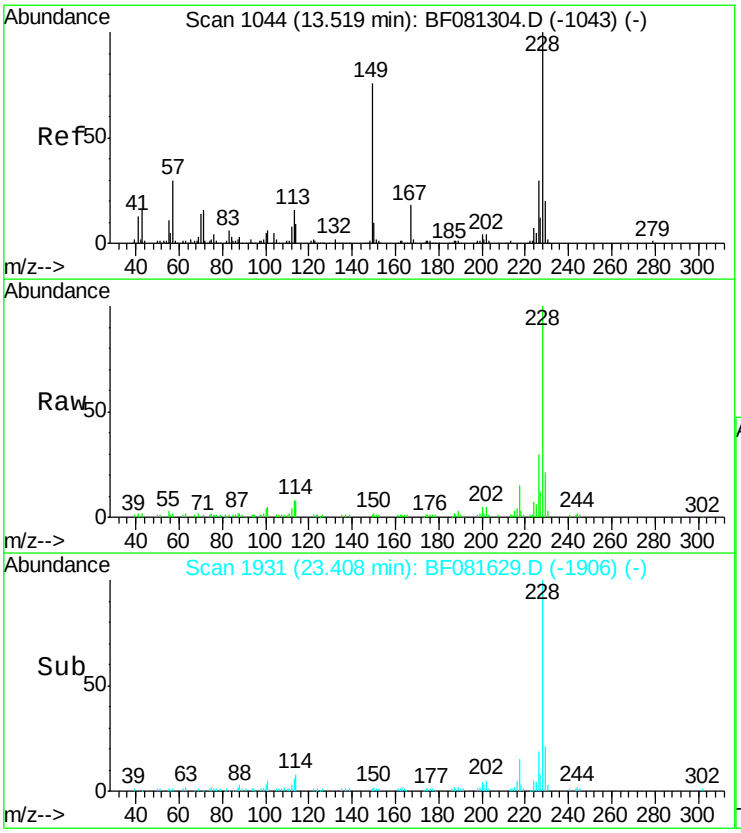
#80
Benzo(a)anthracene
Concen: 10.87 ng
RT: 23.37 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:228 Resp: 76315

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.0	30.0
229	20.7	15.4	23.2

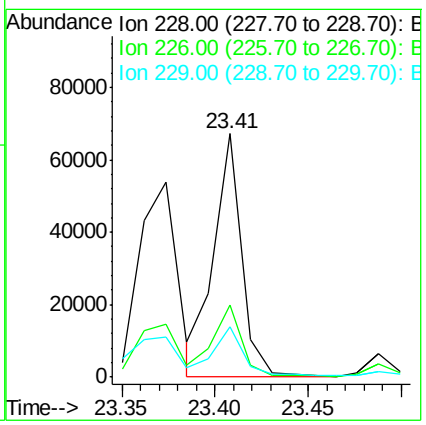


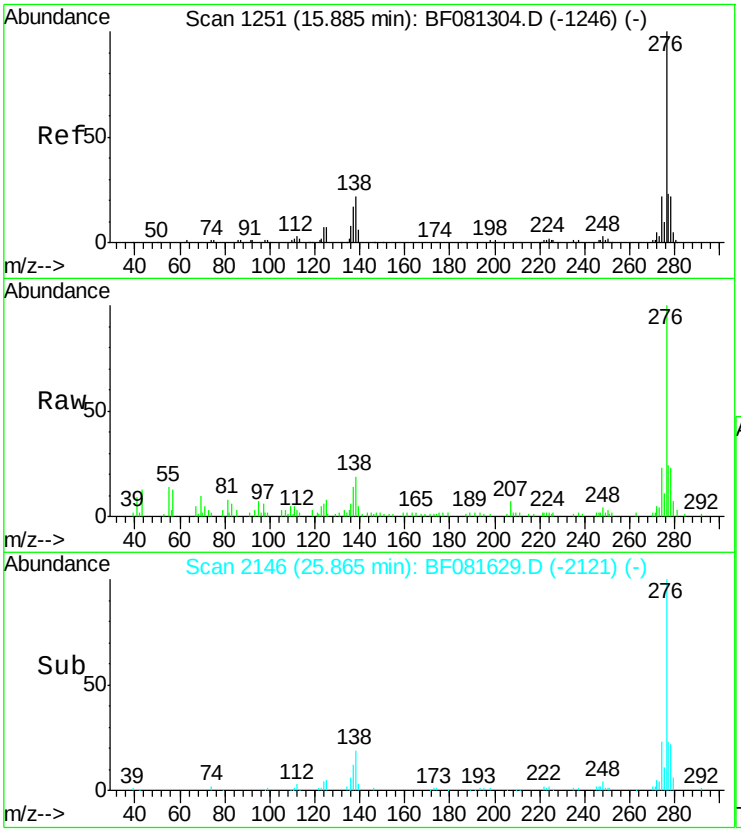


#82
Chrysene
Concen: 11.23 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:228 Resp: 70631

Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.0	31.4
229	20.8	15.6	23.4



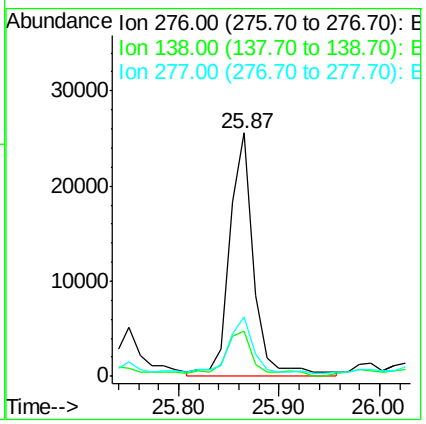


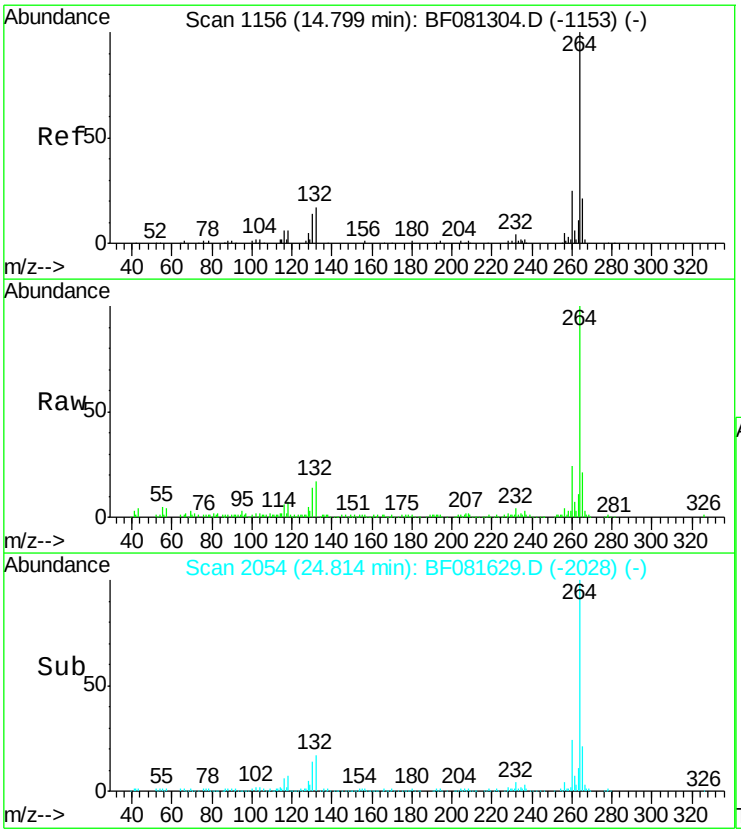
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.32 ng
RT: 25.87 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:276 Resp: 43023

Ion	Ratio	Lower	Upper
276	100		
138	23.1	25.7	38.5#
277	22.1	15.6	23.4

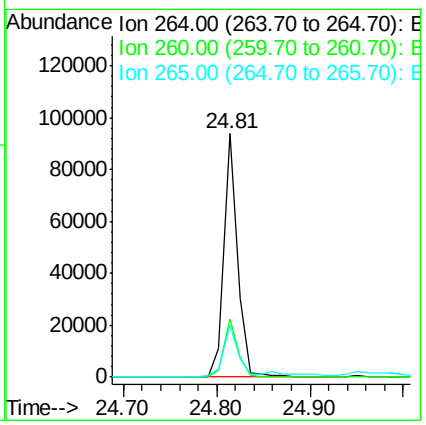


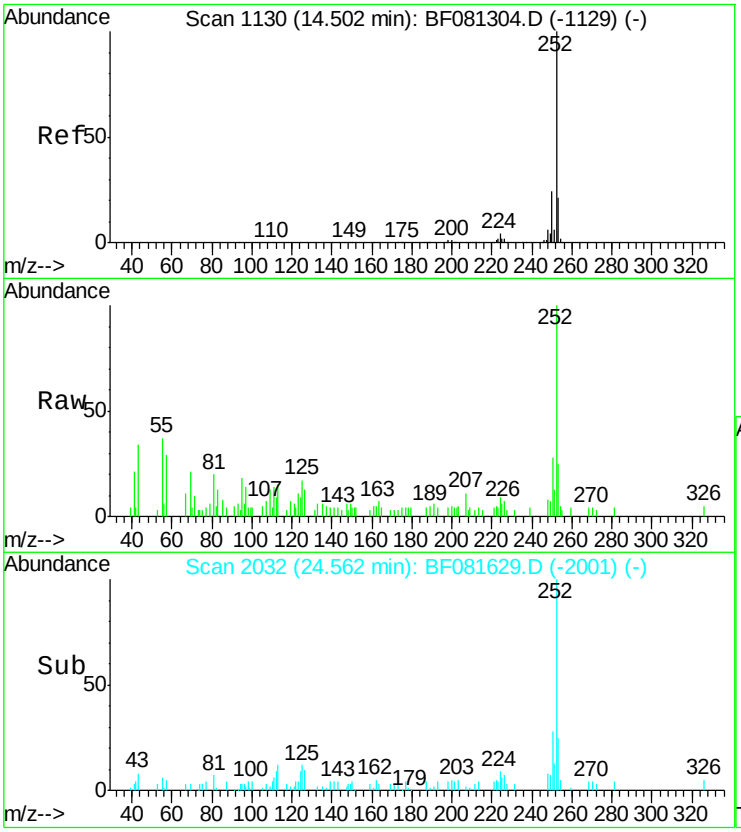


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:264 Resp: 96531

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8



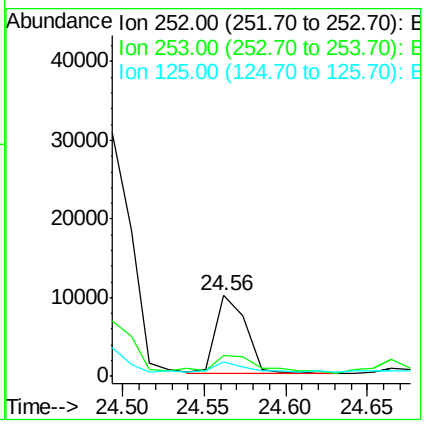


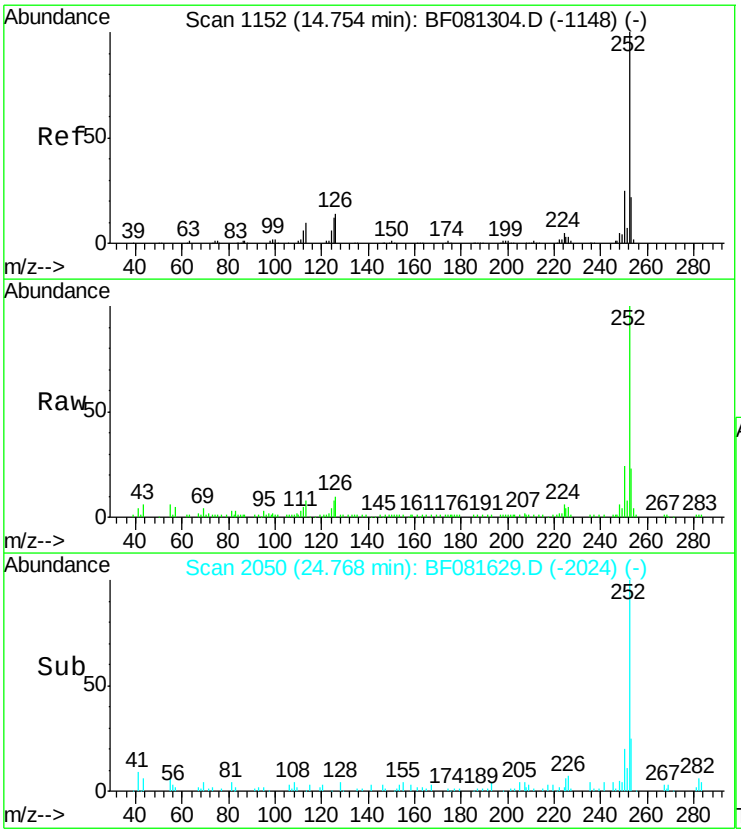
#88
Benzo(k)fluoranthene
Concen: 2.29 ng
RT: 24.56 min Scan# 2032
Delta R.T. 0.06 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:252 Resp: 13105

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.0	25.4
125	17.2	16.0	24.0

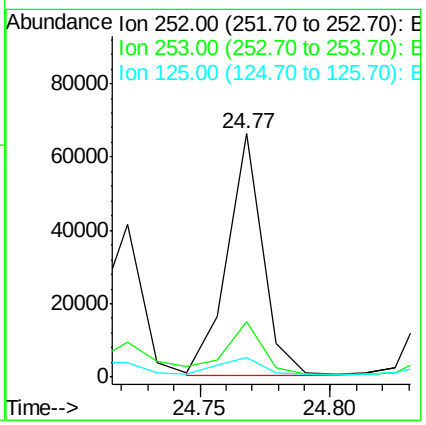


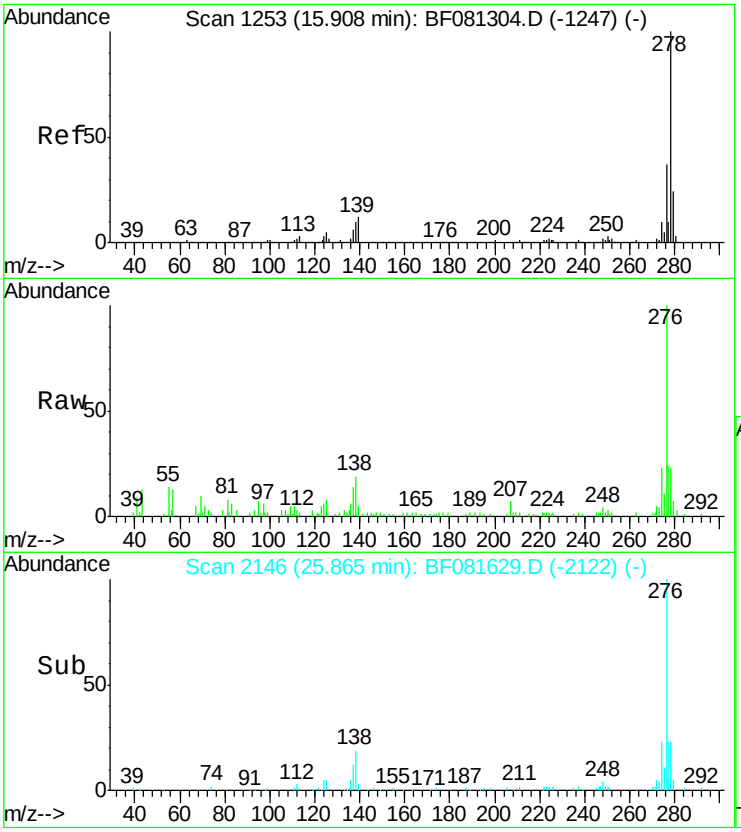


#89
Benzo(a)pyrene
Concen: 10.89 ng
RT: 24.77 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:252 Resp: 63602

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	8.2	18.0	27.0#



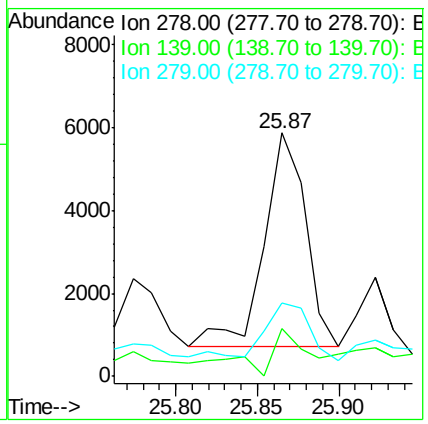


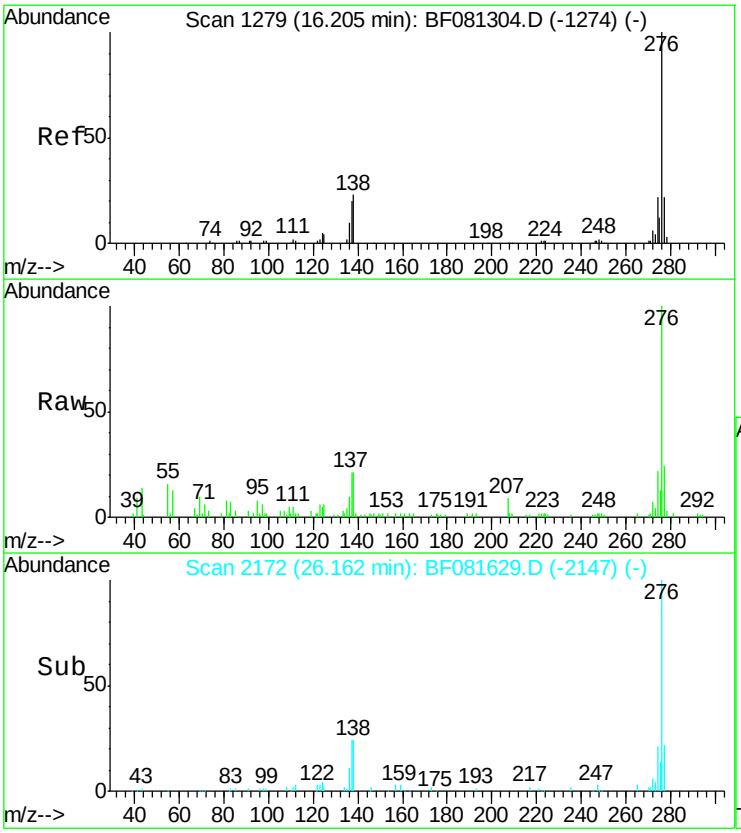
#90
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 25.87 min Scan# 2146
Delta R.T. -0.02 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

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

Tgt Ion:278 Resp: 9227

Ion	Ratio	Lower	Upper
278	100		
139	19.9	26.3	39.5#
279	30.3	18.2	27.4#





#91
Benzo(g,h,i)perylene
Concen: 10.27 ng
RT: 26.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BF081629.D
Acq: 15 Sep 2015 14:48

Tgt Ion:276 Resp: 44224

Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.8	26.6
138	20.8	34.6	51.8#