Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096089.D
Acq On : 21 Jun 2017 17:42
Operator : SJ/MA
Sample : I3736-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G21-1.5-3

Quant Time: Jun 22 01:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	72103	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	298526	20.00	ng		0.00
38) Acenaphthene-d10	12.14	164	136778	20.00	ng		-0.01
63) Phenanthrene-d10	14.53	188	226727	20.00	ng		0.00
75) Chrysene-d12	18.27	240	156671	20.00	ng		0.00
86) Perylene-d12	19.94	264	142564	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	596844	131.90	ng		0.00
7) Phenol-d6	6.87	99	775810	143.21	ng		0.00
23) Nitrobenzene-d5	8.21	82	458482	95.38	ng		-0.01
41) 2,4,6-Tribromophenol	13.44	330	130232	107.61	ng		-0.01
44) 2-Fluorobiphenyl	11.10	172	708352	72.07	ng		0.00
78) Terphenyl-d14	16.92	244	423571	67.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.56	88	39465	18.33	ng	#	21
19) n-Nitroso-di-n-propylamine	8.21	70	55442	16.15	ng	#	74
49) Dimethylphthalate	11.80	163	92744	8.93	ng		99
55) 4-Nitrophenol	12.52	139	257	4.78	ng	#	43
74) Fluoranthene	16.37	202	34372	2.65	ng		99
77) Pyrene	16.67	202	35229	3.01	ng	#	93
80) Benzo(a)anthracene	18.26	228	19699	2.16	ng		93
82) Chrysene	18.30	228	21157	2.32	ng	#	93
87) Benzo(b)fluoranthene	19.54	252	39286	4.40	ng	#	95
88) Benzo(k)fluoranthene	19.54	252	39286	4.60	ng		98
89) Benzo(a)pyrene	19.89	252	19226	2.34	ng	#	92

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Acq On : 21 Jun 2017 17:42
Operator : SJ/MA
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Misc :
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Instrument :
BNA_F
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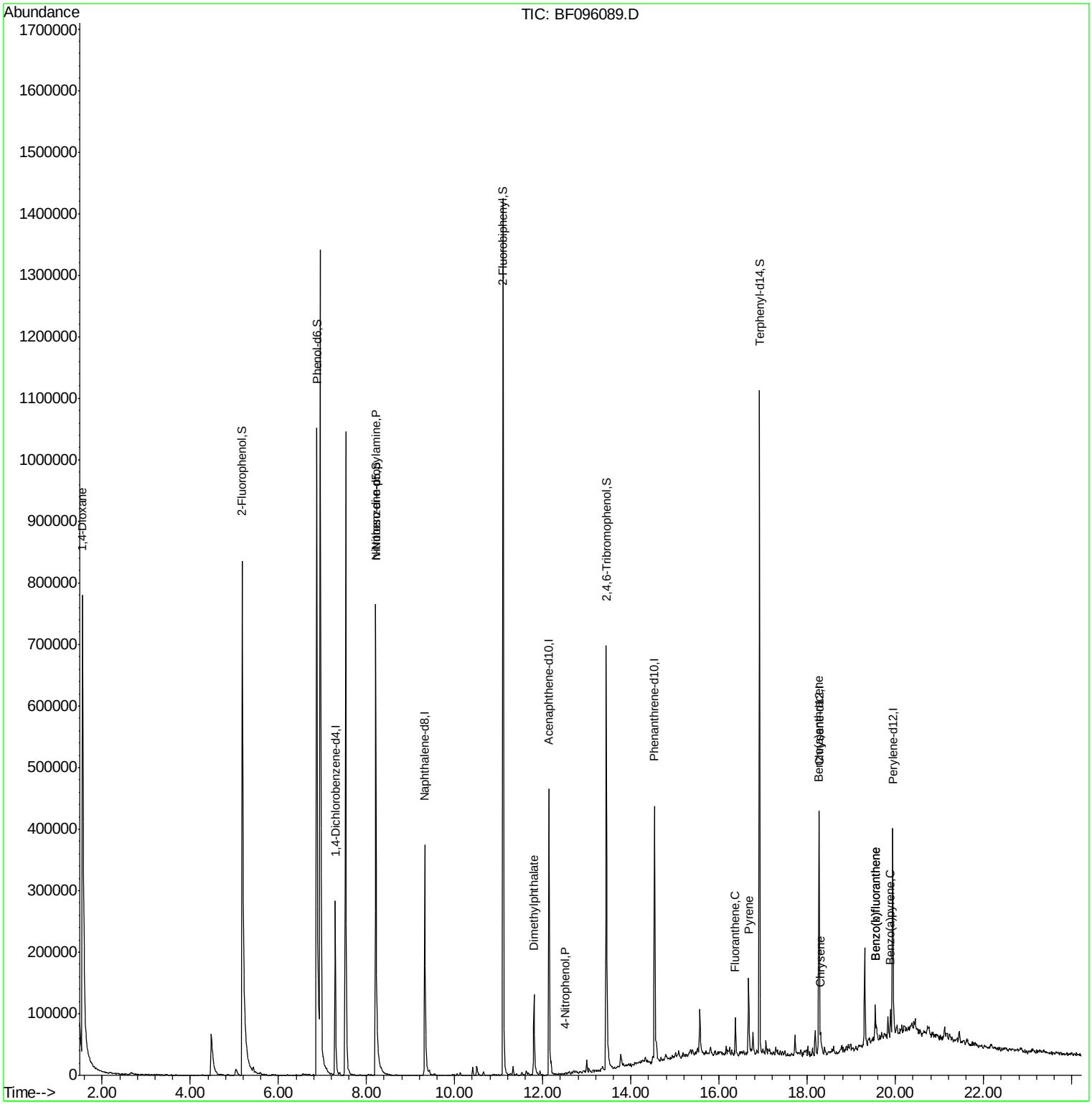
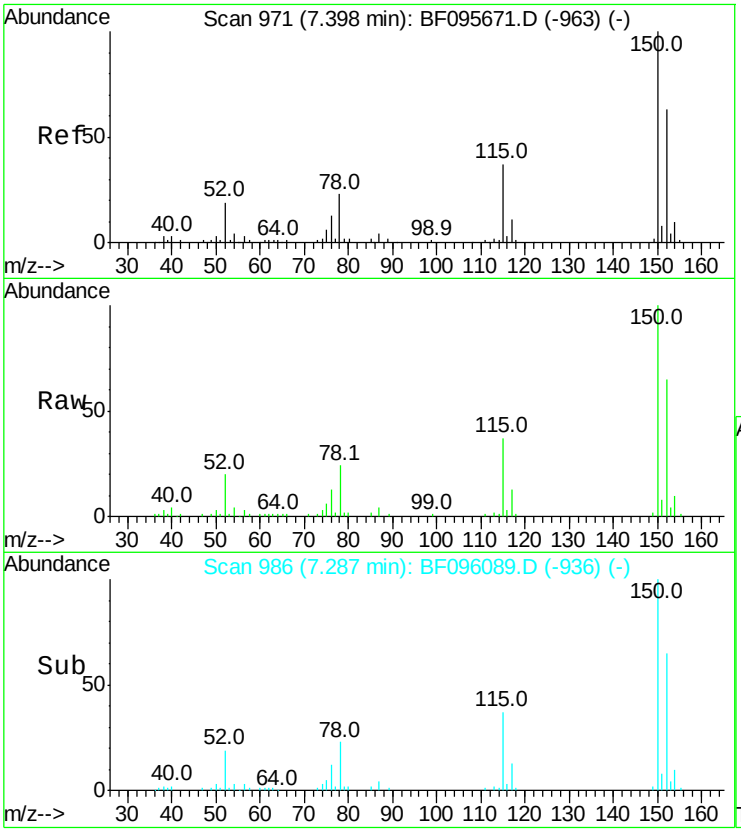
G21-1.5-3

Quant Time: Jun 22 01:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration



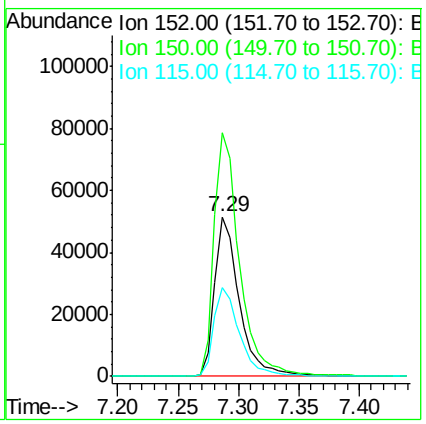


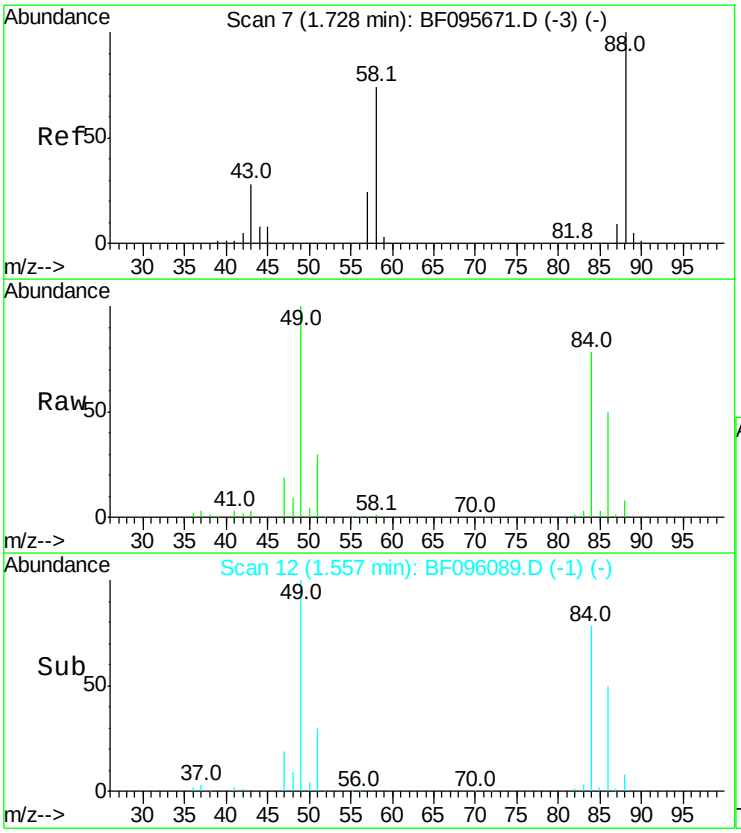
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:152 Resp: 72103

Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	56.1	52.2	78.2

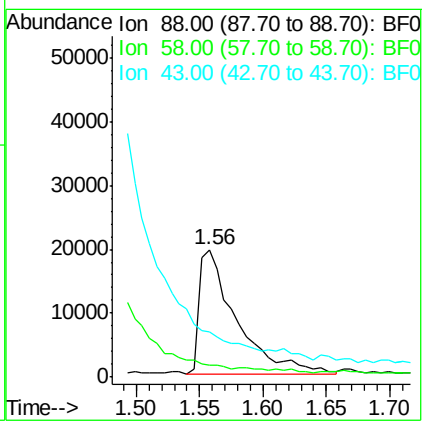


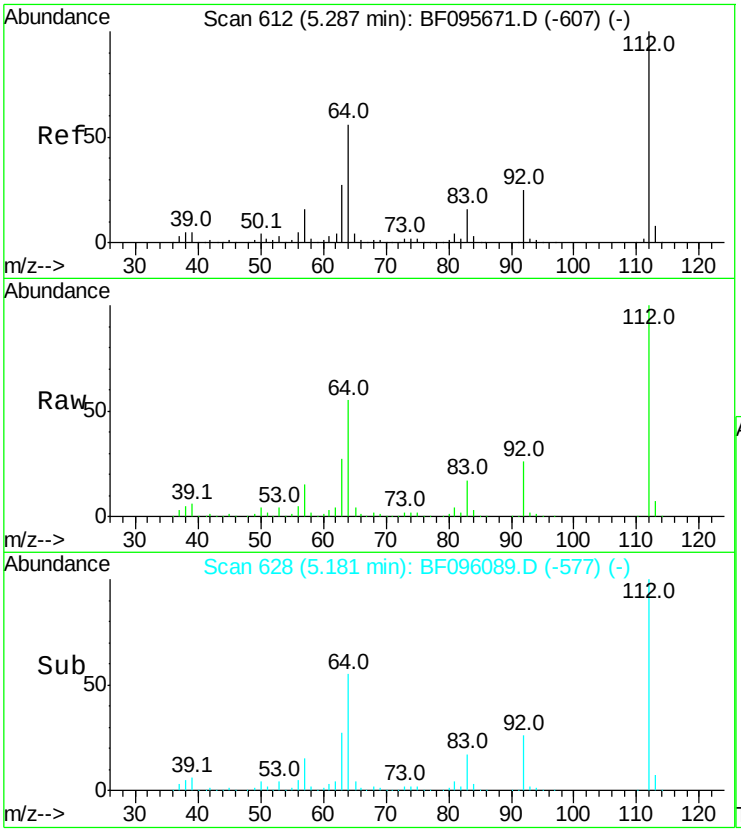


#2
1,4-Dioxane
Concen: 18.33 ng
RT: 1.56 min Scan# 12
Delta R.T. -0.05 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion: 88 Resp: 39465

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	0.0	23.4	35.0#



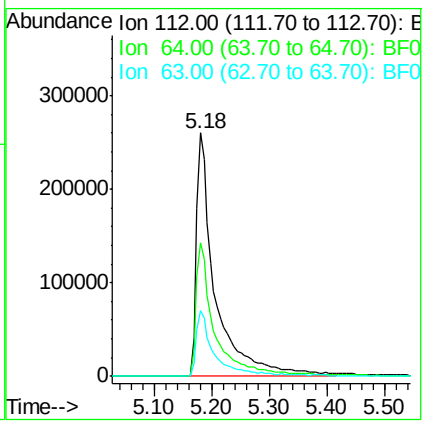


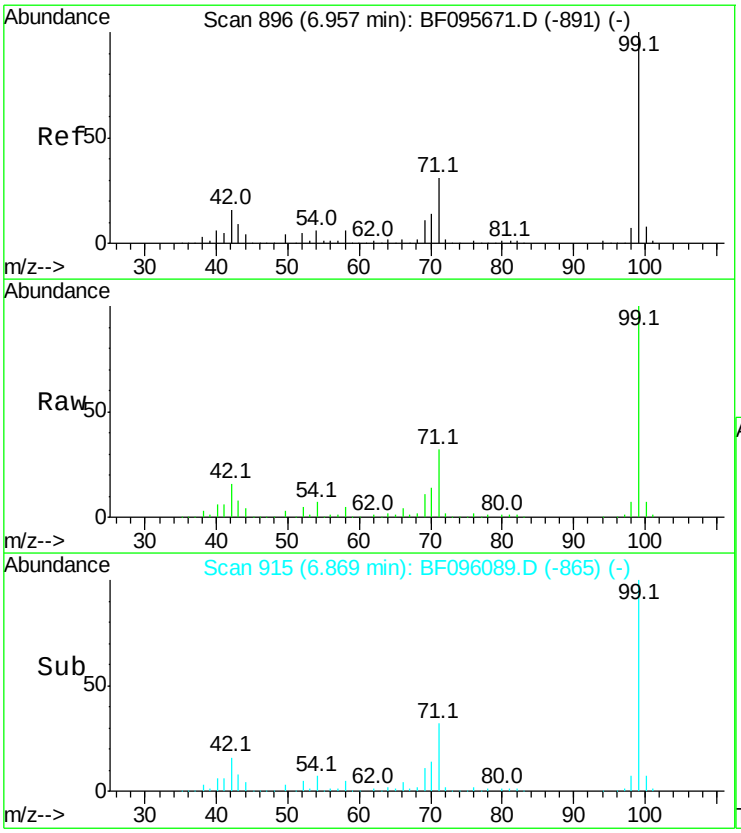
#5
2-Fluorophenol
Concen: 131.90 ng
RT: 5.18 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:112 Resp: 596844

Ion	Ratio	Lower	Upper
112	100		
64	54.8	46.0	69.0
63	27.0	23.4	35.0

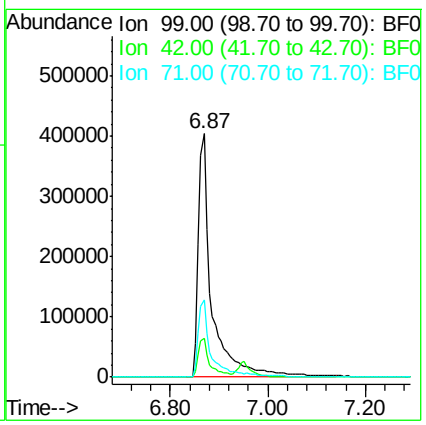


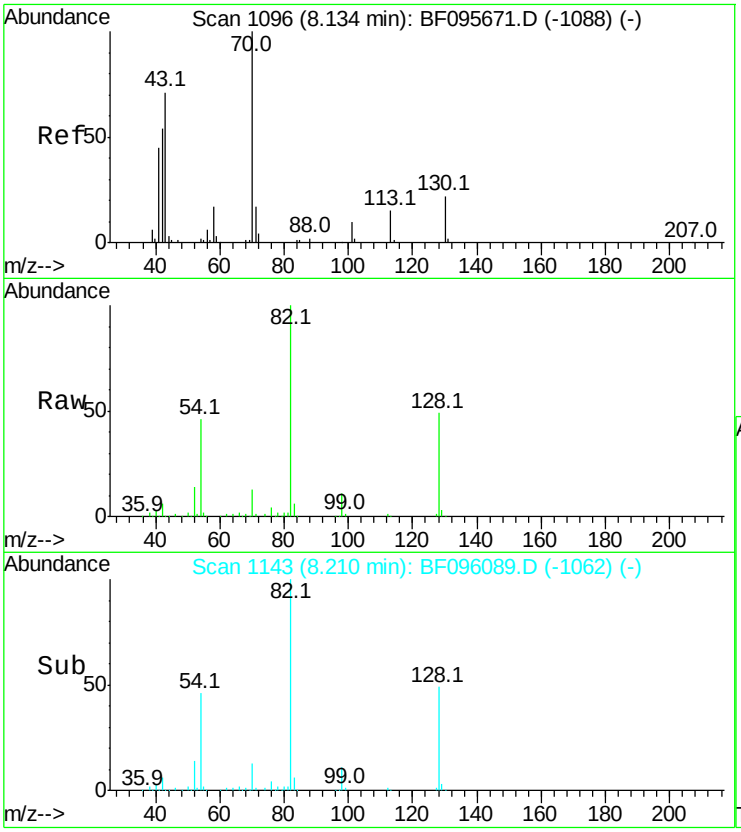


#7
Phenol-d6
Concen: 143.21 ng
RT: 6.87 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion: 99 Resp: 775810

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.6	24.5	36.7



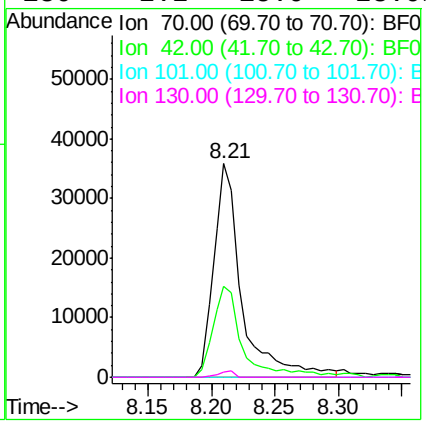


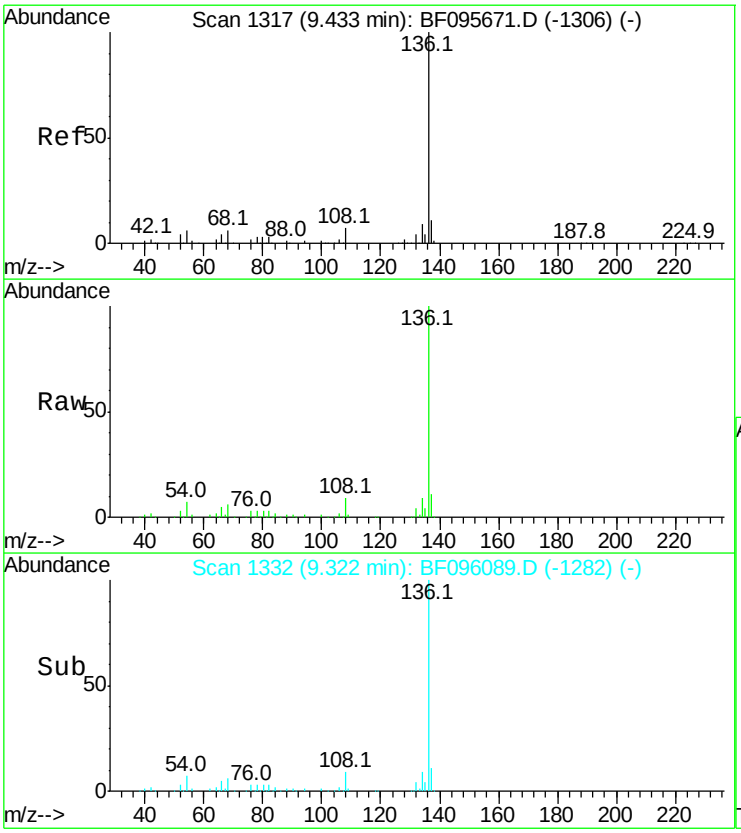
#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 8.21 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion: 70 Resp: 55442

Ion	Ratio	Lower	Upper
70	100		
42	42.6	47.2	70.8#
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

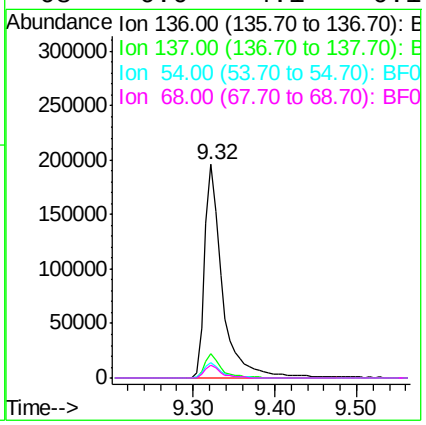


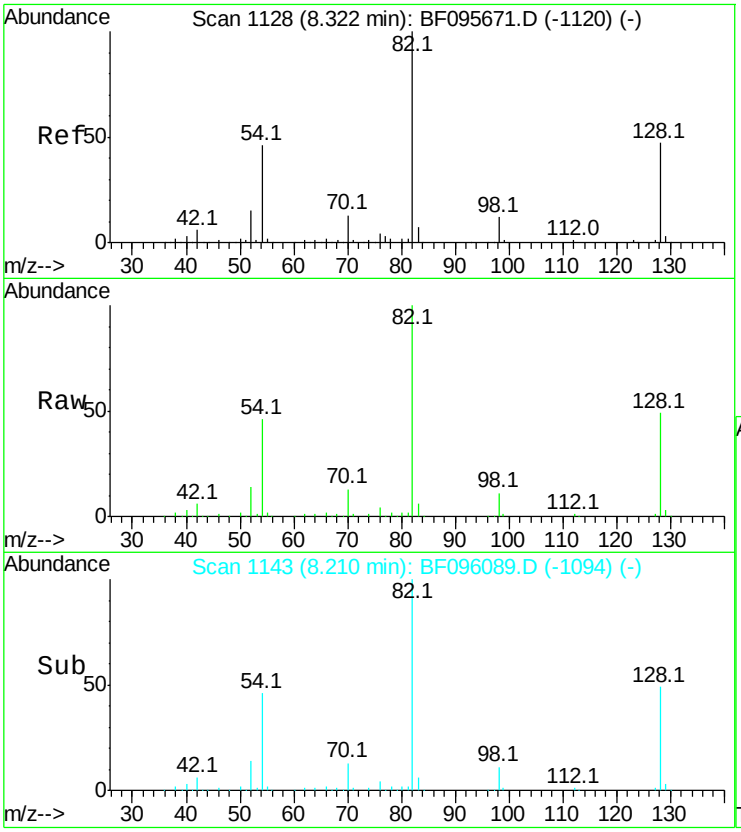


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:136 Resp: 298526

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	7.1	4.9	7.3
68	6.0	4.1	6.1



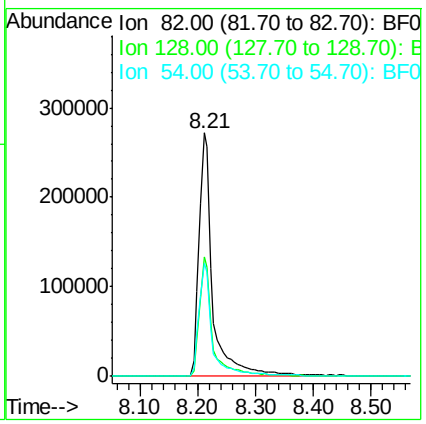


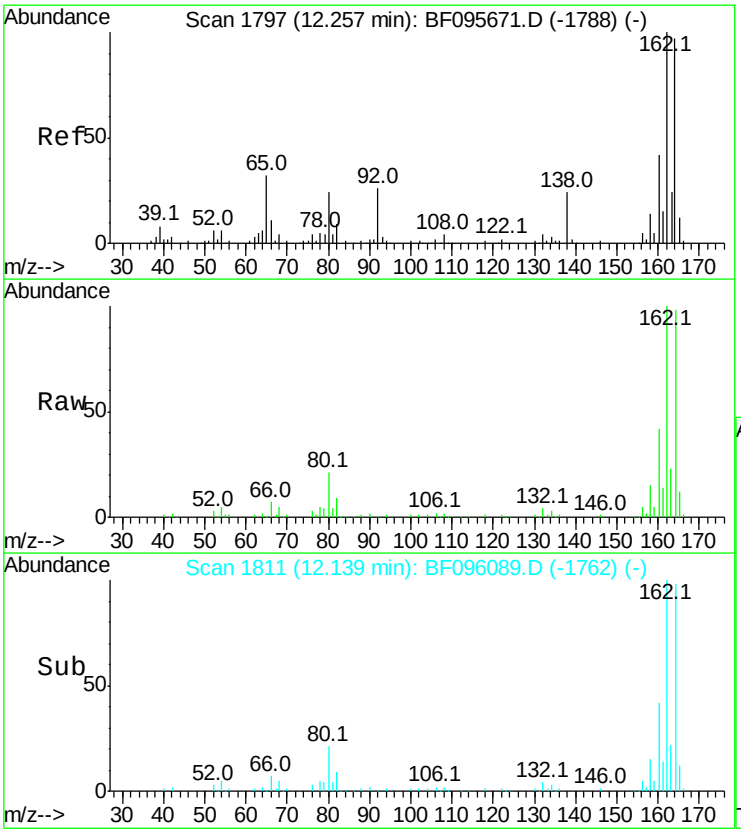
#23
Nitrobenzene-d5
Concen: 95.38 ng
RT: 8.21 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion: 82 Resp: 458482

Ion	Ratio	Lower	Upper
82	100		
128	48.9	34.0	51.0
54	46.5	42.2	63.2

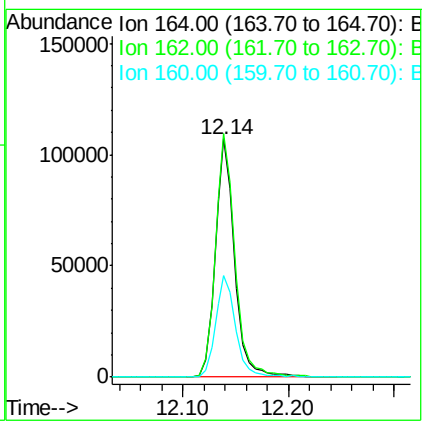


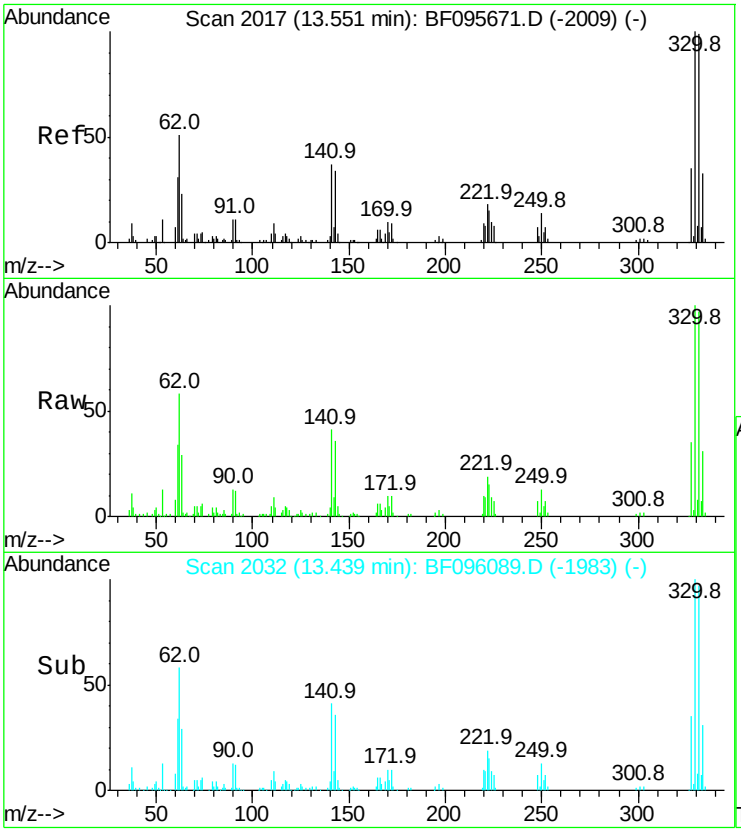


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.14 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:164 Resp: 136778

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	42.7	36.2	54.2



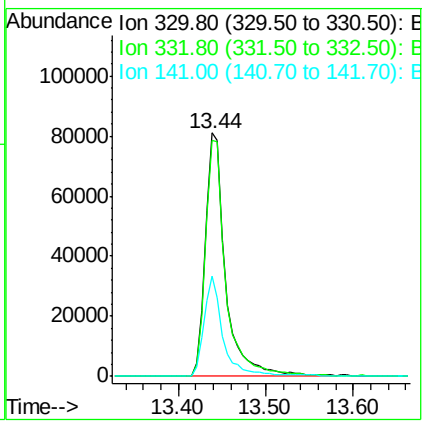


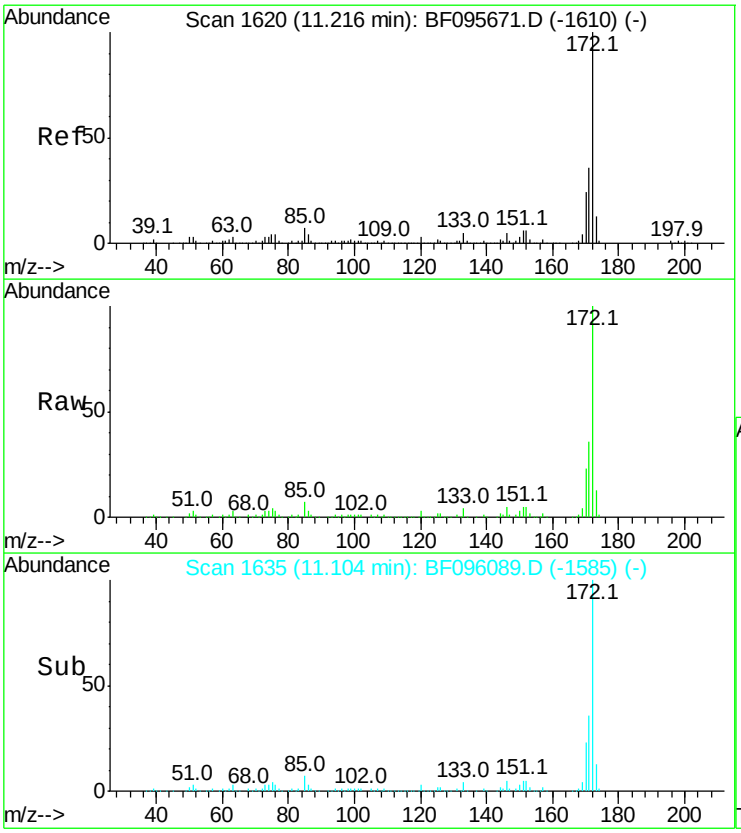
#41
2,4,6-Tribromophenol
Concen: 107.61 ng
RT: 13.44 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:330 Resp: 130232

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	38.6	31.4	47.2

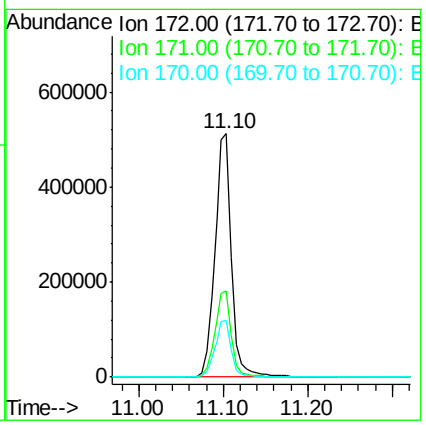


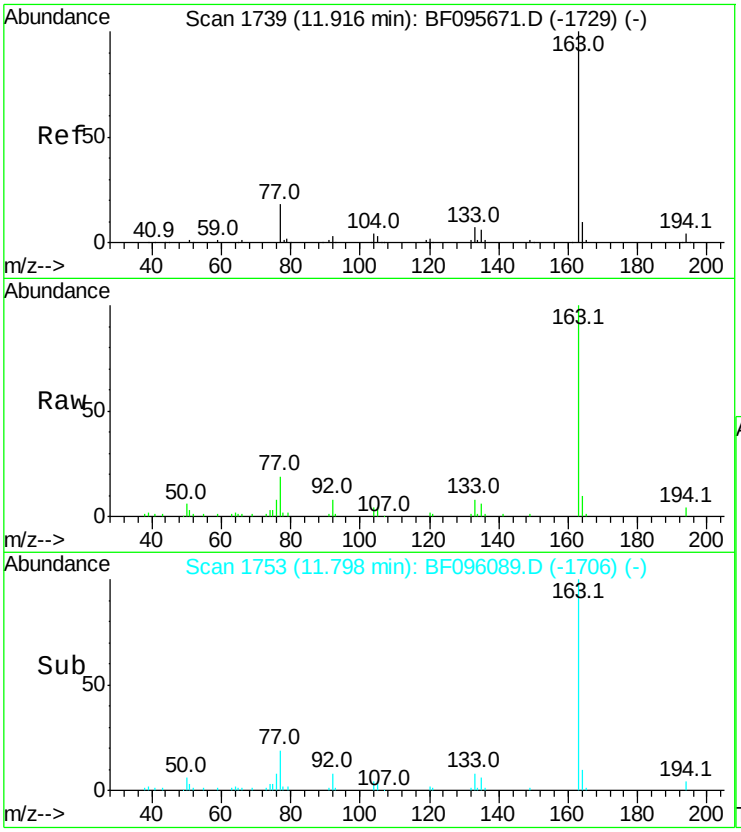


#44
2-Fluorobiphenyl
Concen: 72.07 ng
RT: 11.10 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:172 Resp: 708352

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.1	19.8	29.8



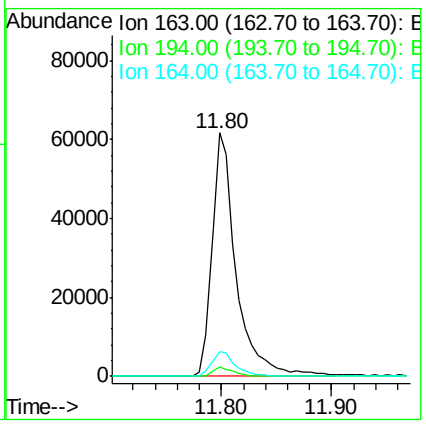


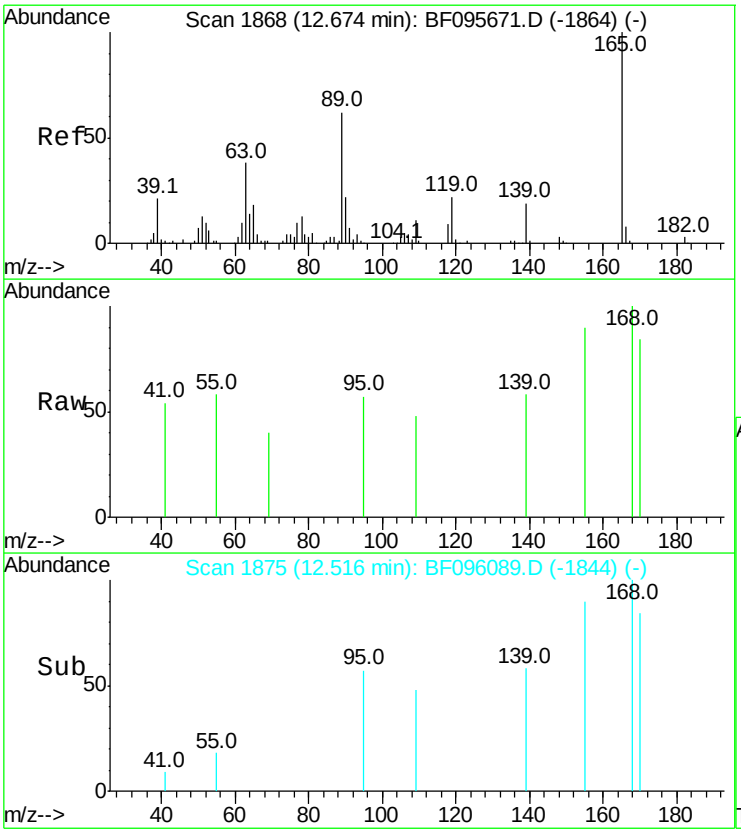
#49
Dimethylphthalate
Concen: 8.93 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:163 Resp: 92744

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.6	4.0
164	10.2	8.4	12.6

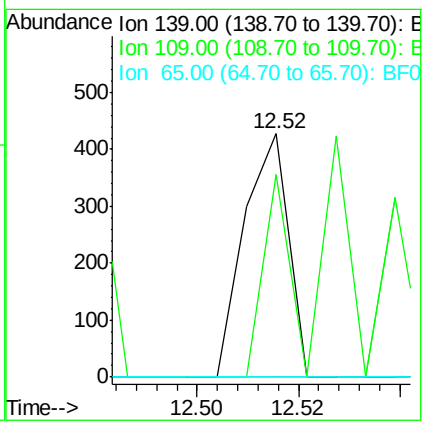


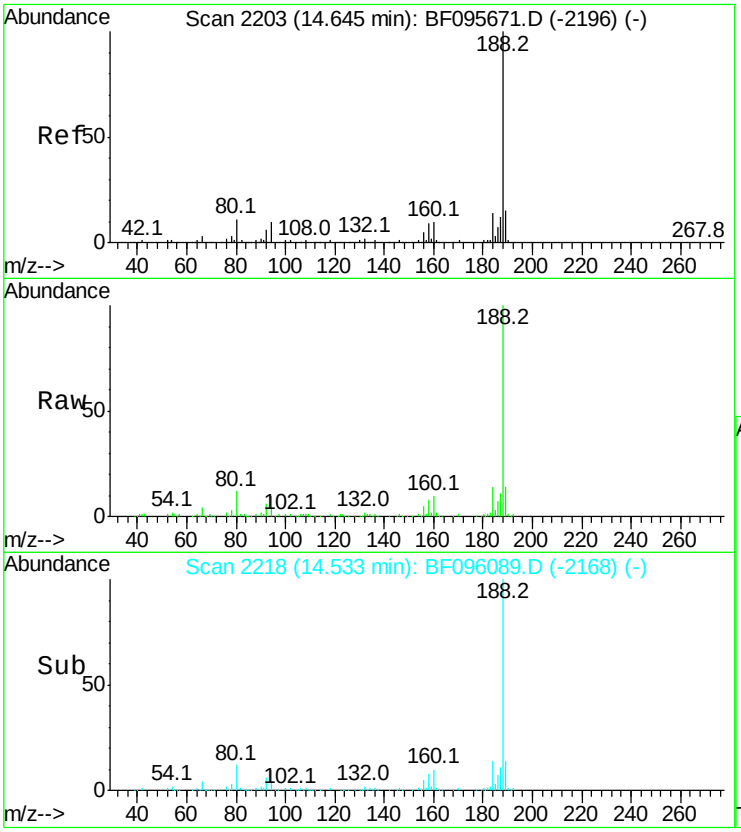


#55
4-Nitrophenol
Concen: 4.78 ng
RT: 12.52 min Scan# 1875
Delta R.T. -0.12 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:139 Resp: 257

Ion	Ratio	Lower	Upper
139	100		
109	83.4	34.1	74.1#
65	0.0	31.4	71.4#



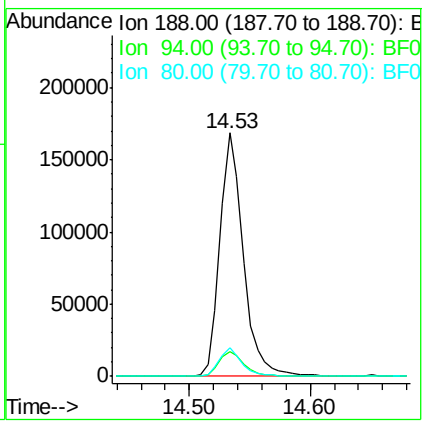


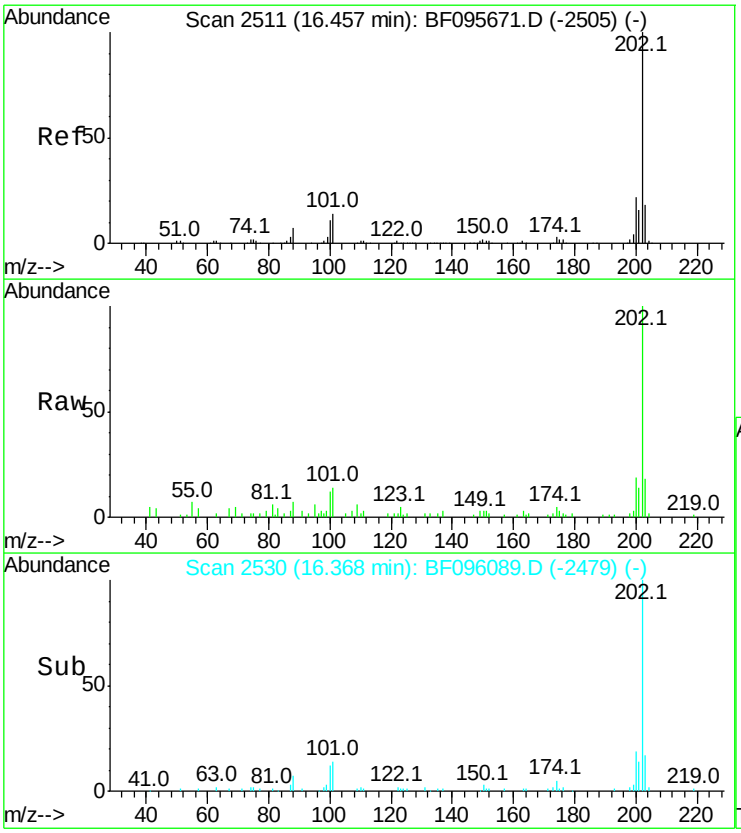
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:188 Resp: 226727

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.6	10.2	15.2

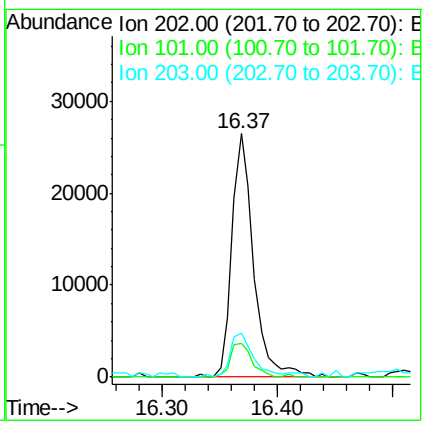


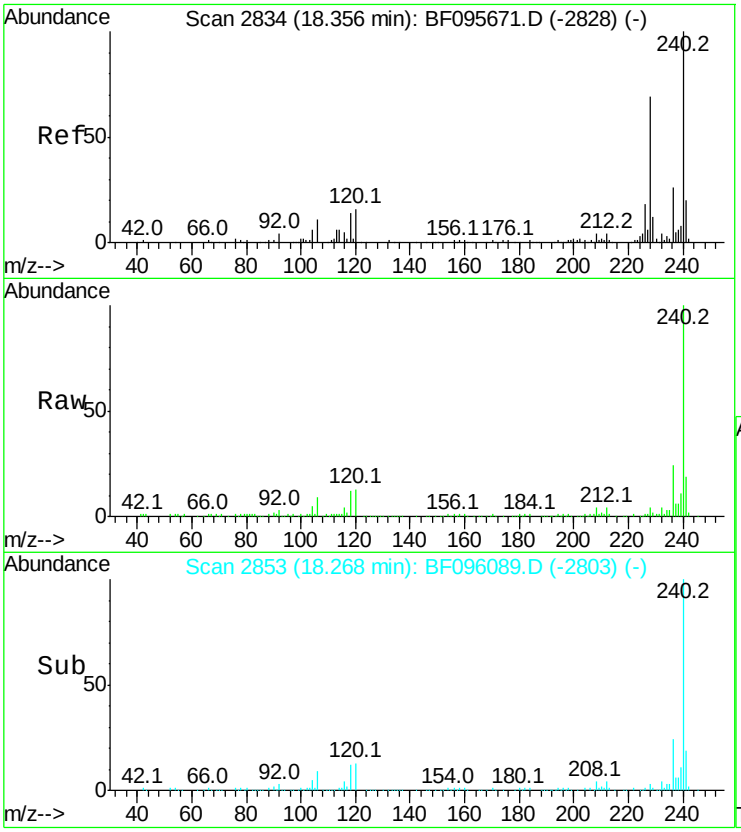


#74
Fluoranthene
Concen: 2.65 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:202 Resp: 34372

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.2
203	18.3	0.0	38.1



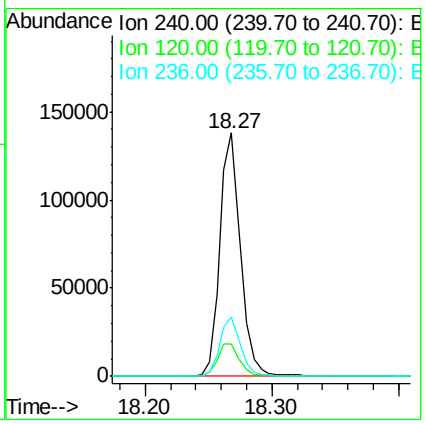


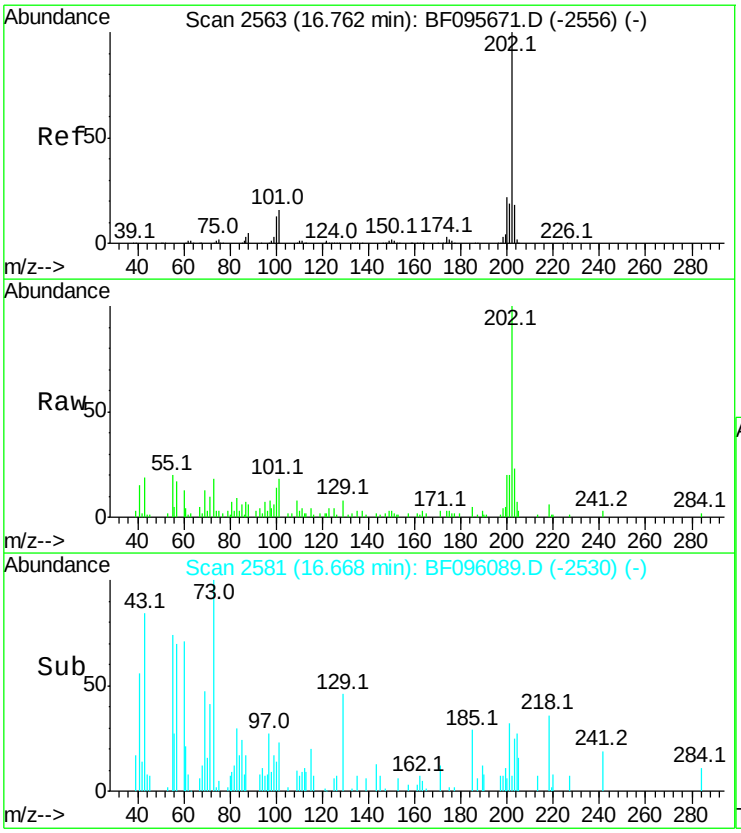
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:240 Resp: 156671

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.8	8.8#
236	24.5	20.5	30.7

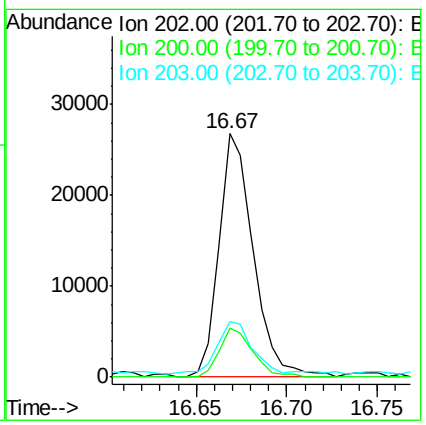


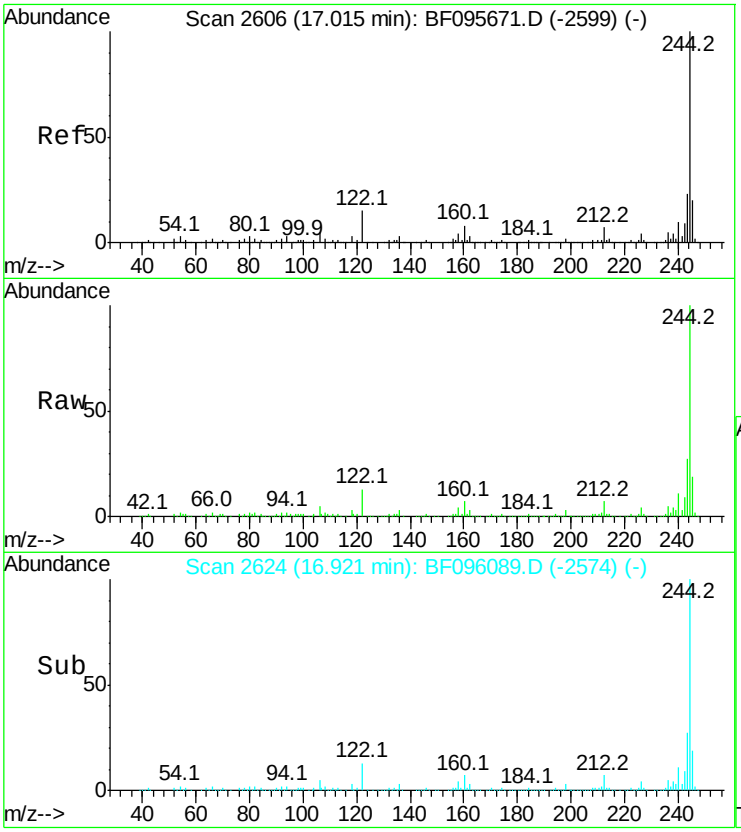


#77
Pyrene
Concen: 3.01 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:202 Resp: 35229

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	22.6	14.4	21.6#



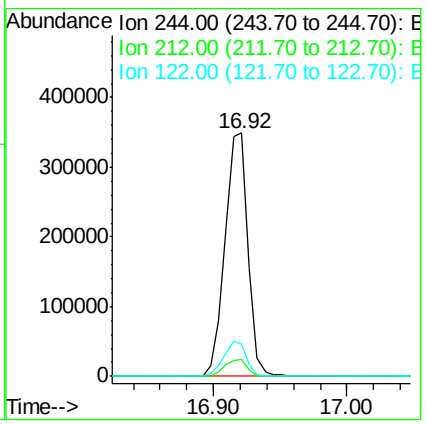


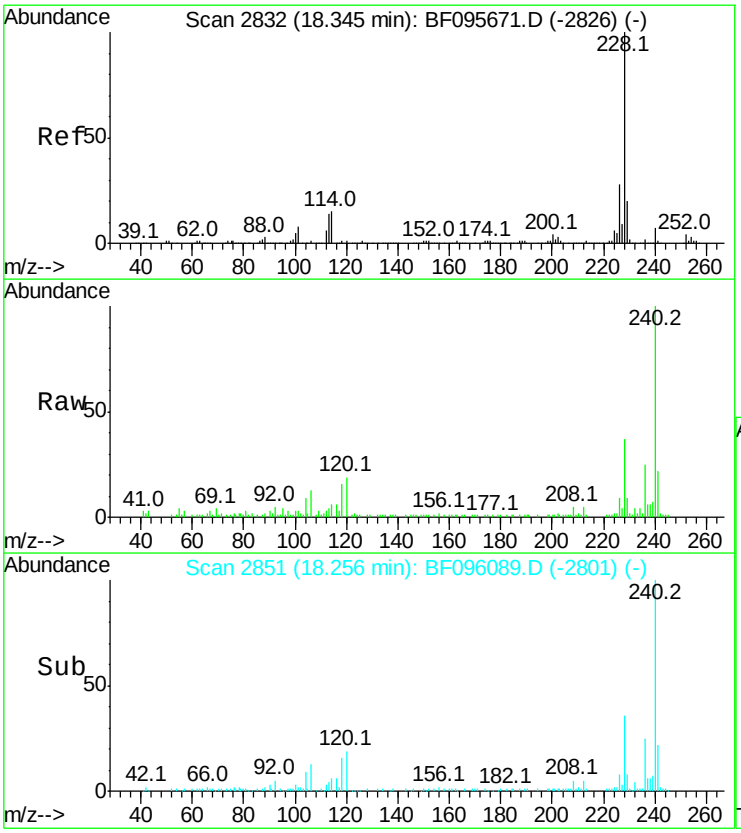
#78
Terphenyl-d14
Concen: 67.10 ng
RT: 16.92 min Scan# 2624
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:244 Resp: 423571

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5

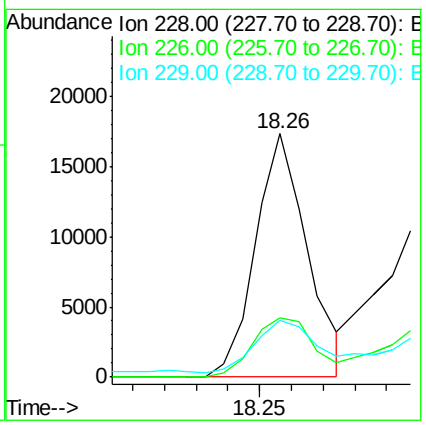


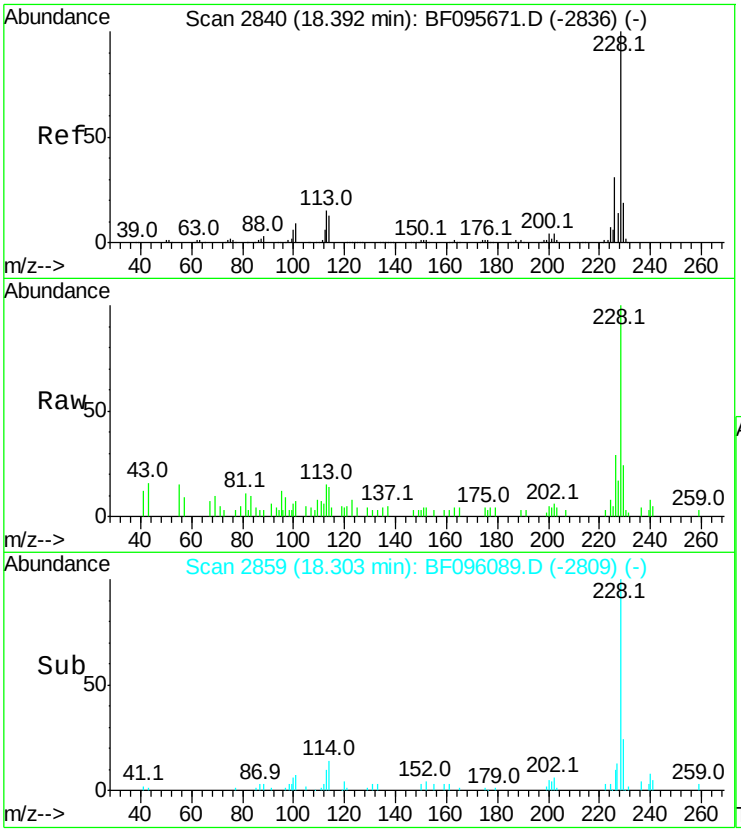


#80
Benzo(a)anthracene
Concen: 2.16 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:228 Resp: 19699

Ion	Ratio	Lower	Upper
228	100		
226	24.3	22.6	33.8
229	23.1	16.3	24.5



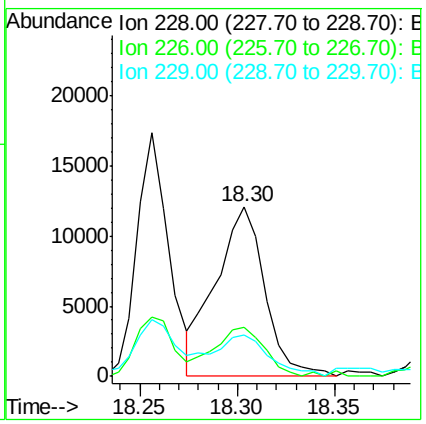


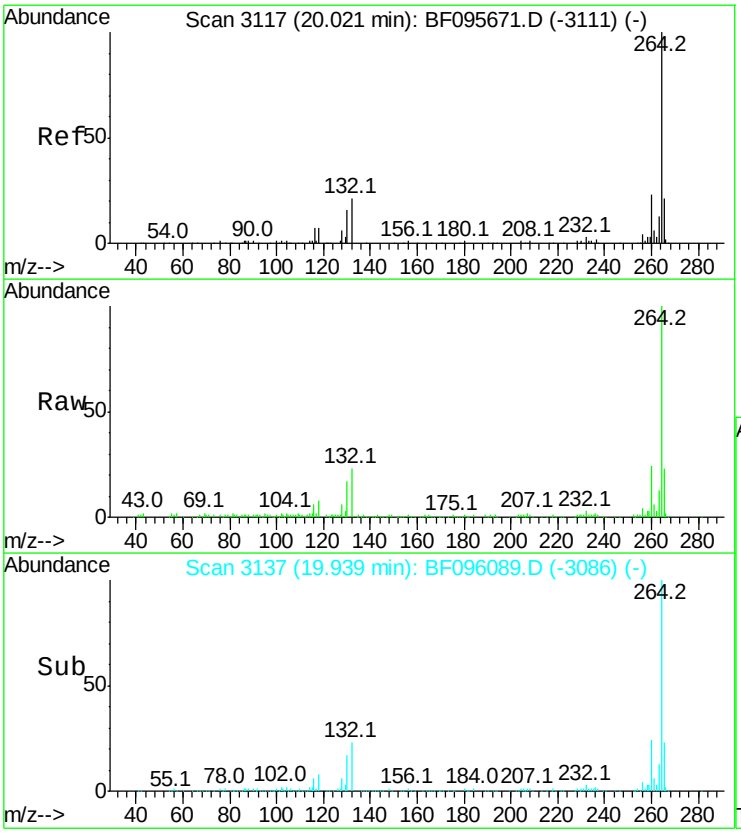
#82
Chrysene
Concen: 2.32 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:228 Resp: 21157

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.9	37.3
229	24.3	15.8	23.6#

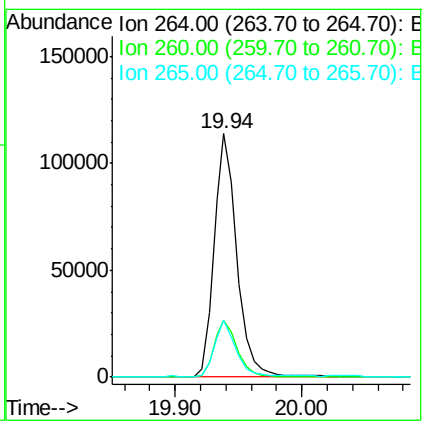


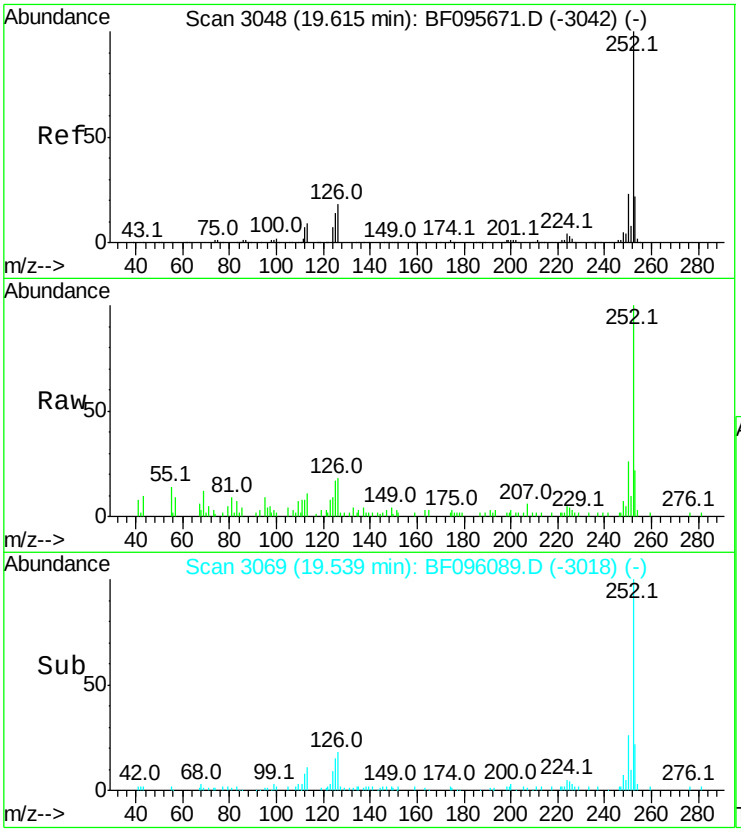


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:264 Resp: 142564

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	23.1	17.2	25.8



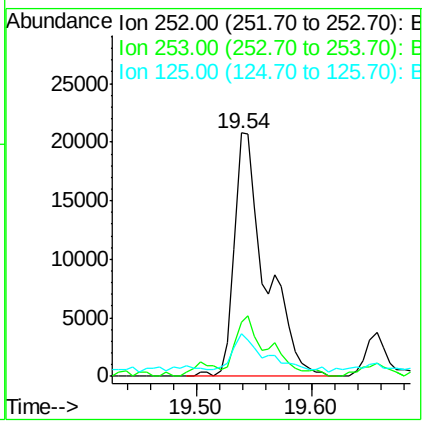


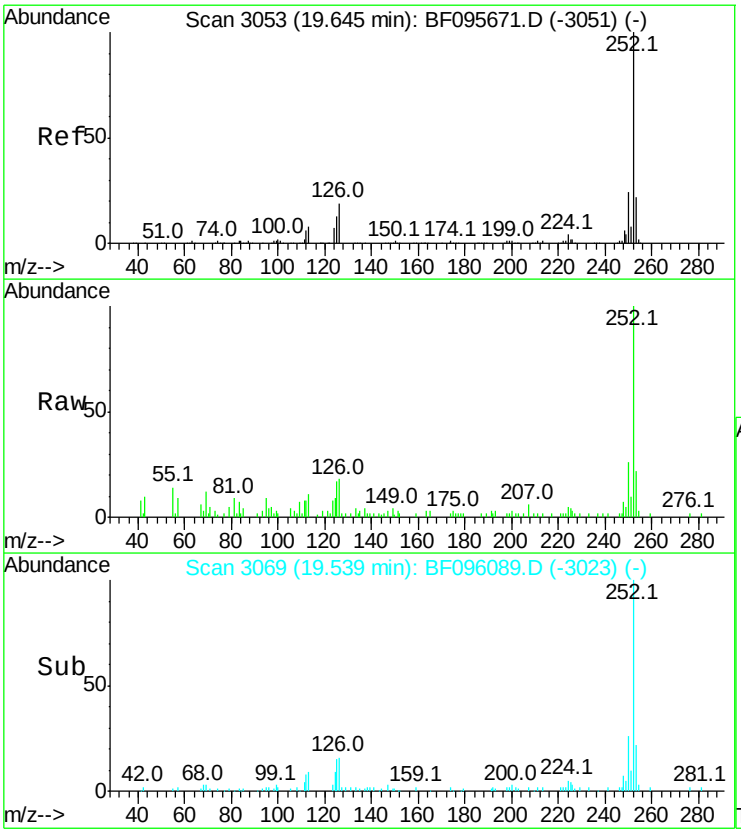
#87
Benzo(b)fluoranthene
Concen: 4.40 ng
RT: 19.54 min Scan# 3069
Delta R.T. 0.00 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:252 Resp: 39286

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	17.4	9.8	14.8#

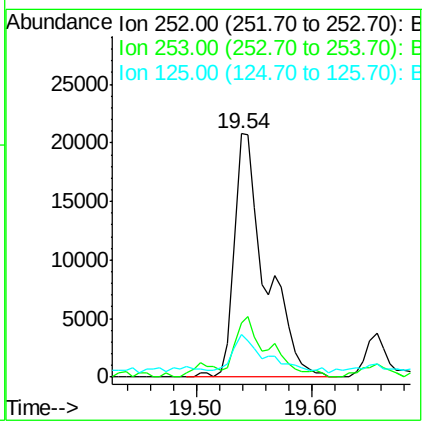


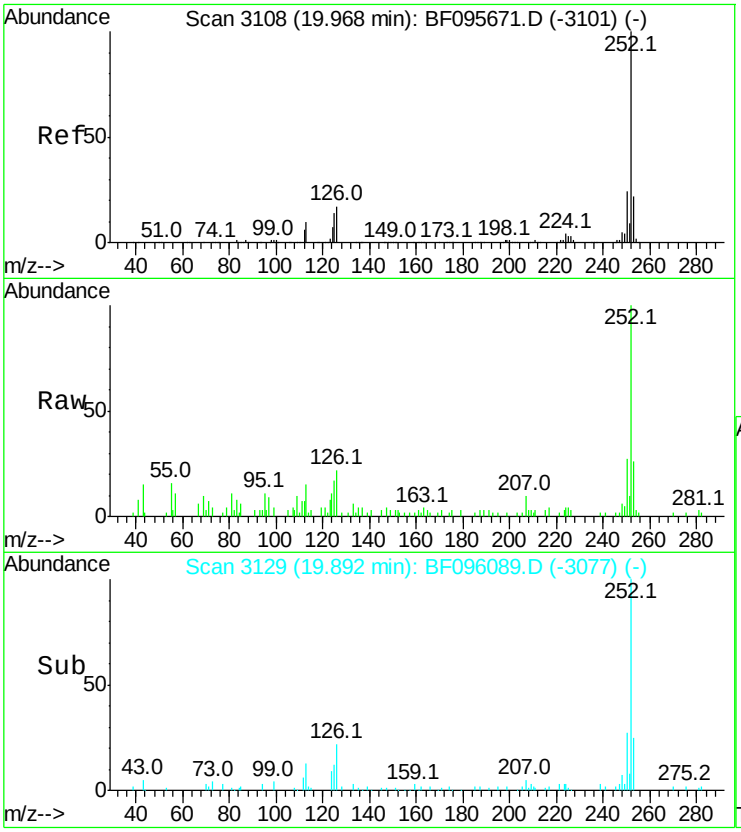


#88
Benzo(k)fluoranthene
Concen: 4.60 ng
RT: 19.54 min Scan# 3069
Delta R.T. -0.03 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Tgt Ion:252 Resp: 39286

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	17.4	13.1	19.7





#89
Benzo(a)pyrene
Concen: 2.34 ng
RT: 19.89 min Scan# 3129
Delta R.T. 0.01 min
Lab File: BF096089.D
Acq: 21 Jun 2017 17:42

Instrument :
BNA_F
ClientSampleId :
G21-1.5-3

Tgt Ion:252 Resp: 19226

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.5	26.3
125	16.7	11.0	16.4#