Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
Data File : BF096048.D
Acq On : 20 Jun 2017 16:58
Operator : SJ/MA
Sample : I3697-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-B

Quant Time: Jun 20 17:28:49 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	74269	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	291919	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	119726	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	183523	20.00	ng	0.00
75) Chrysene-d12	18.27	240	154671	20.00	ng	0.00
86) Perylene-d12	19.94	264	117396	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	37263	7.99	ng	0.06
7) Phenol-d6	6.90	99	99121	17.76	ng	0.03
23) Nitrobenzene-d5	8.22	82	56248	11.97	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	2556	2.41	ng	0.02
44) 2-Fluorobiphenyl	11.10	172	124917	14.52	ng	-0.01
78) Terphenyl-d14	16.92	244	82726	13.27	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	1.55	88	77103	34.774	ng	# 22
49) Dimethylphthalate	11.80	163	20608	2.267	ng	# 99
50) 2,6-Dinitrotoluene	12.14	165	15297	7.715	ng	# 31
55) 4-Nitrophenol	12.50	139	1599	5.744	ng	# 25
70) Phenanthrene	14.57	178	52106	4.921	ng	96
74) Fluoranthene	16.37	202	53363	5.092	ng	98
77) Pyrene	16.67	202	46776	4.053	ng	# 94
80) Benzo(a)anthracene	18.26	228	21195	2.357	ng	97
82) Chrysene	18.30	228	20306	2.260	ng	97
87) Benzo(b)fluoranthene	19.54	252	27313	3.716	ng	# 78
88) Benzo(k)fluoranthene	19.54	252	27313	3.887	ng	# 82
89) Benzo(a)pyrene	19.90	252	14500	2.146	ng	# 75

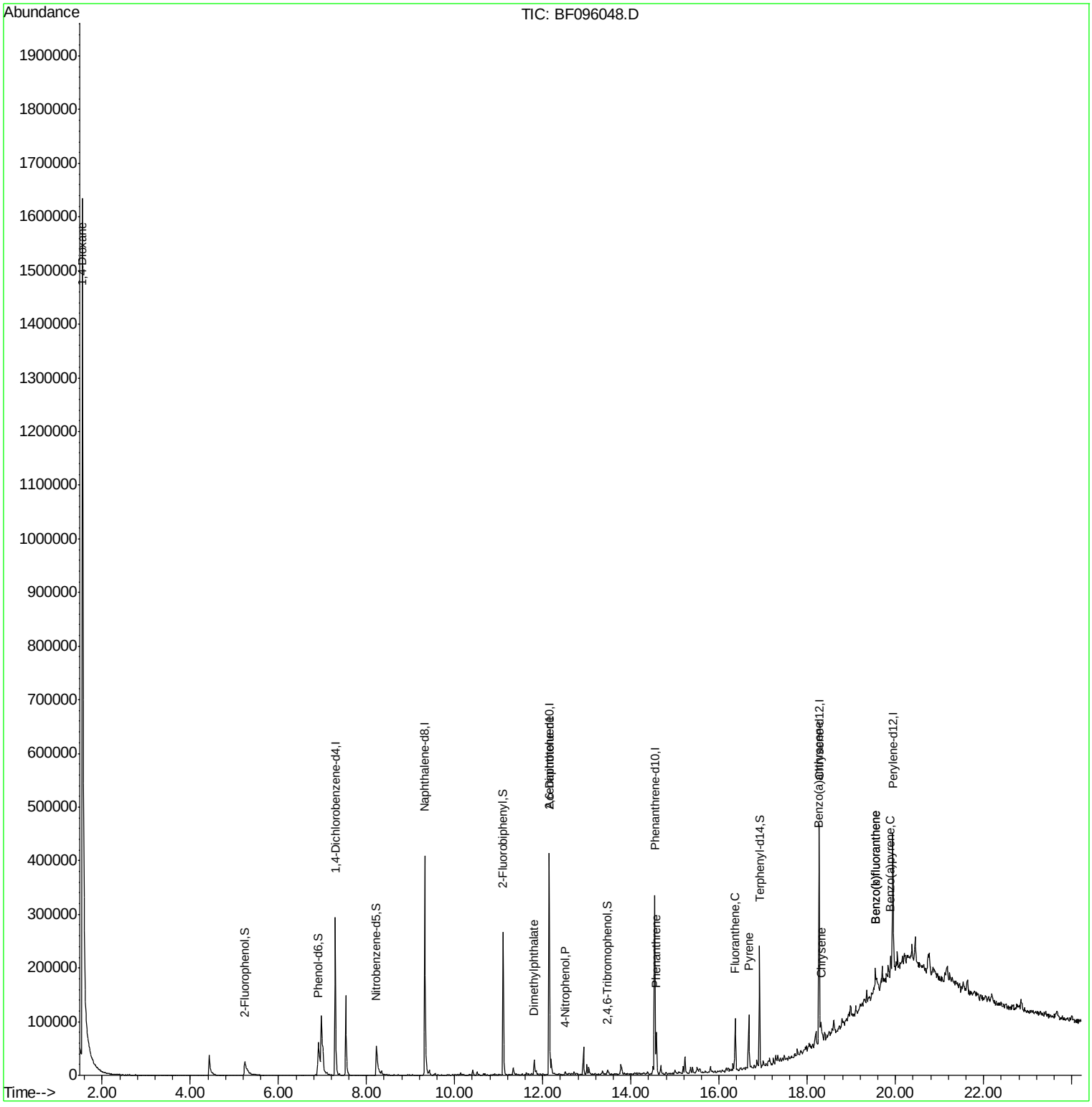
(#) = qualifier out of range (m) = manual integration (+) = signals summed

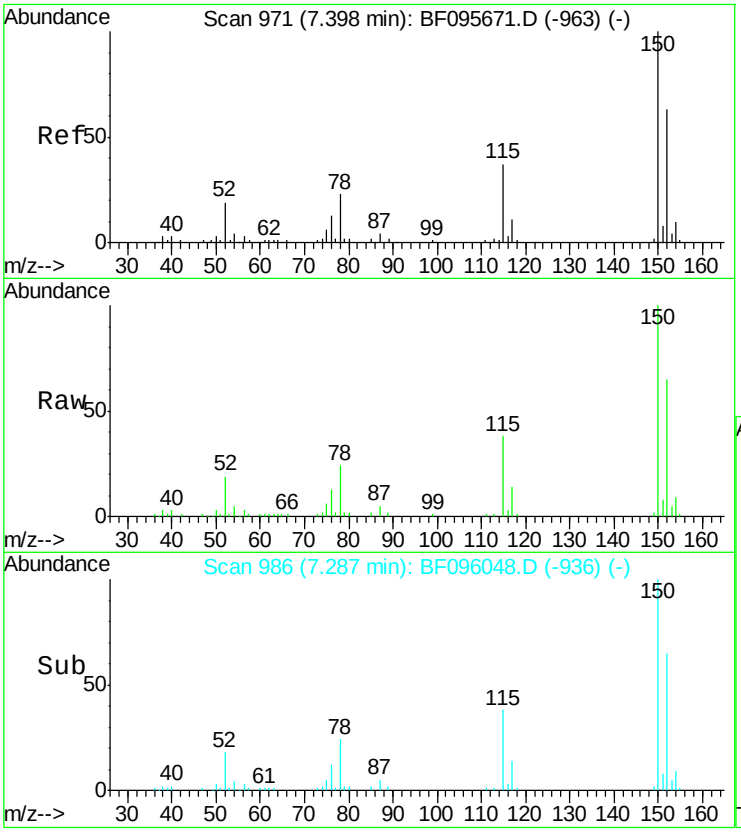
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062017\
Data File : BF096048.D
Acq On : 20 Jun 2017 16:58
Operator : SJ/MA
Sample : I3697-03 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Quant Time: Jun 20 17:28:49 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



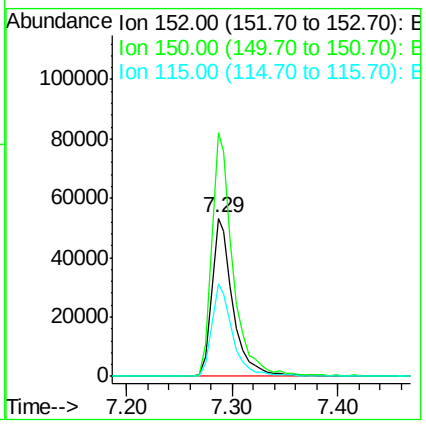


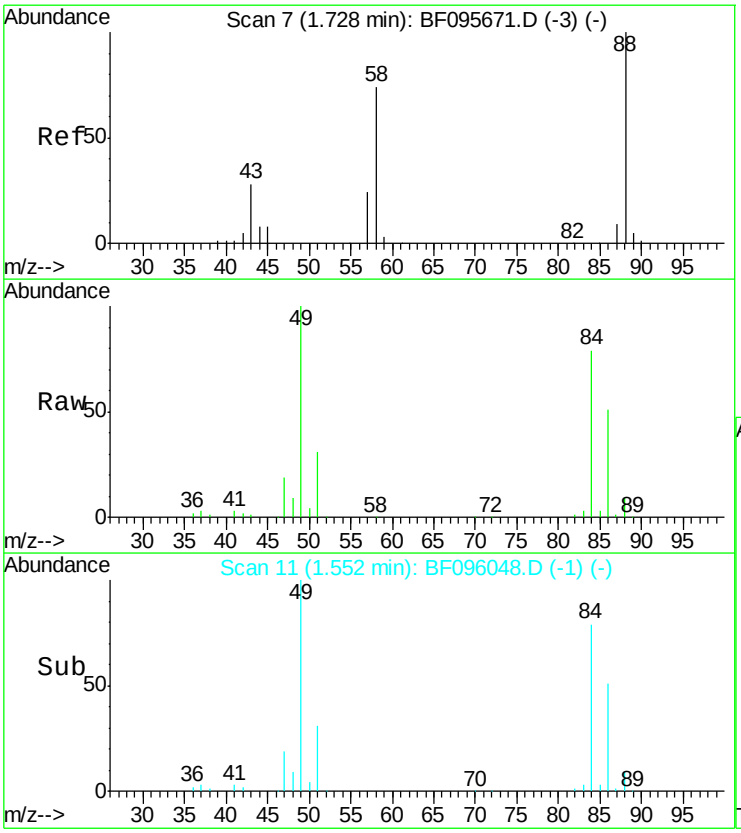
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:152 Resp: 74269

Ion	Ratio	Lower	Upper
152	100		
150	154.0	126.2	189.2
115	58.2	52.2	78.2

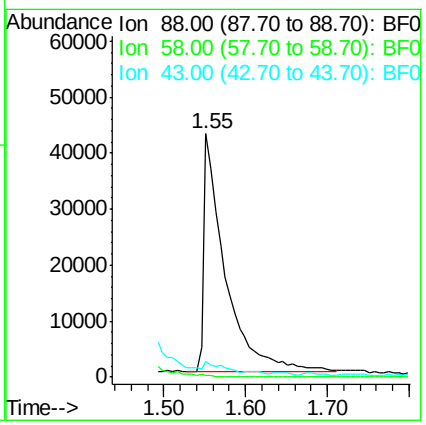


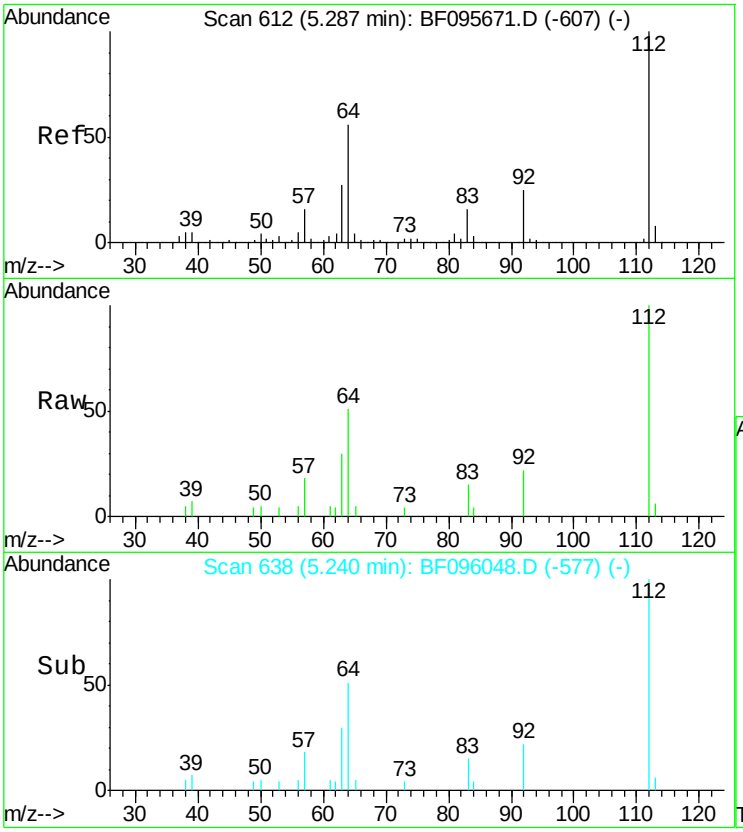


#2
1,4-Dioxane
Concen: 34.774 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion: 88 Resp: 77103

Ion	Ratio	Lower	Upper
88	100		
58	0.0	61.4	92.0#
43	2.8	23.4	35.0#



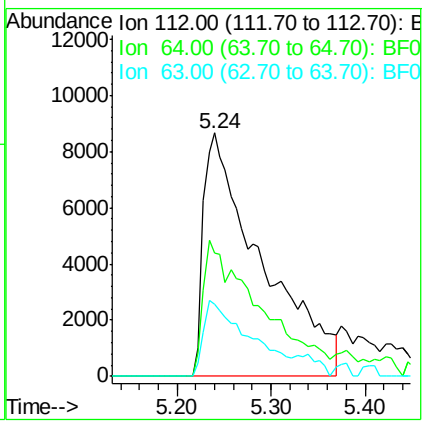


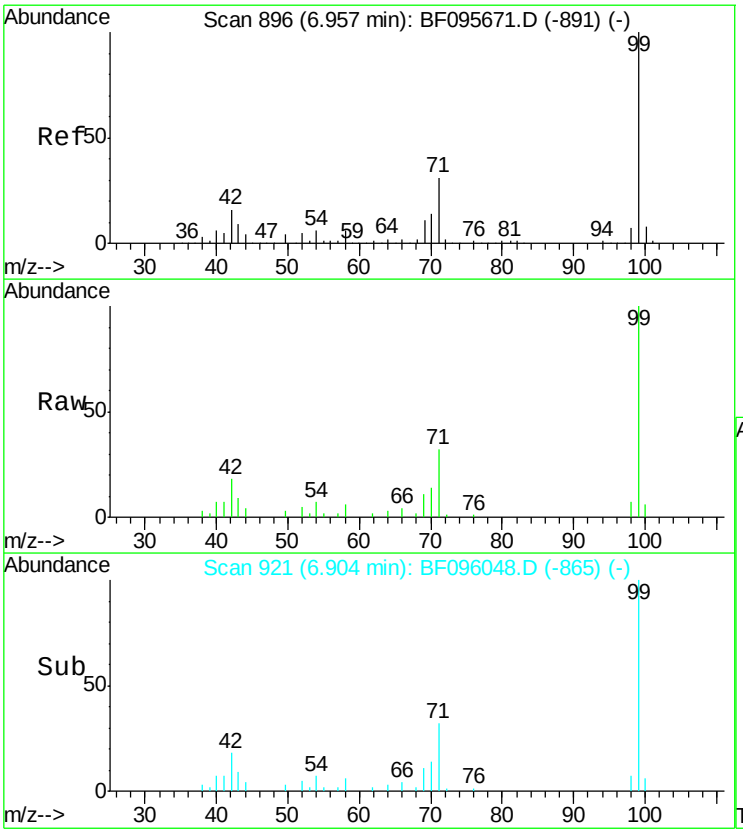
#5
2-Fluorophenol
Concen: 7.995 ng
RT: 5.24 min Scan# 638
Delta R.T. 0.06 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:112 Resp: 37263

Ion	Ratio	Lower	Upper
112	100		
64	50.8	46.0	69.0
63	29.7	23.4	35.0

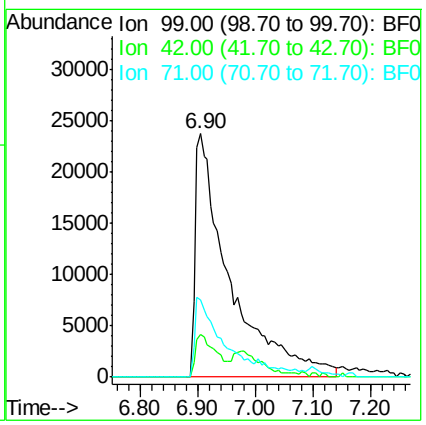


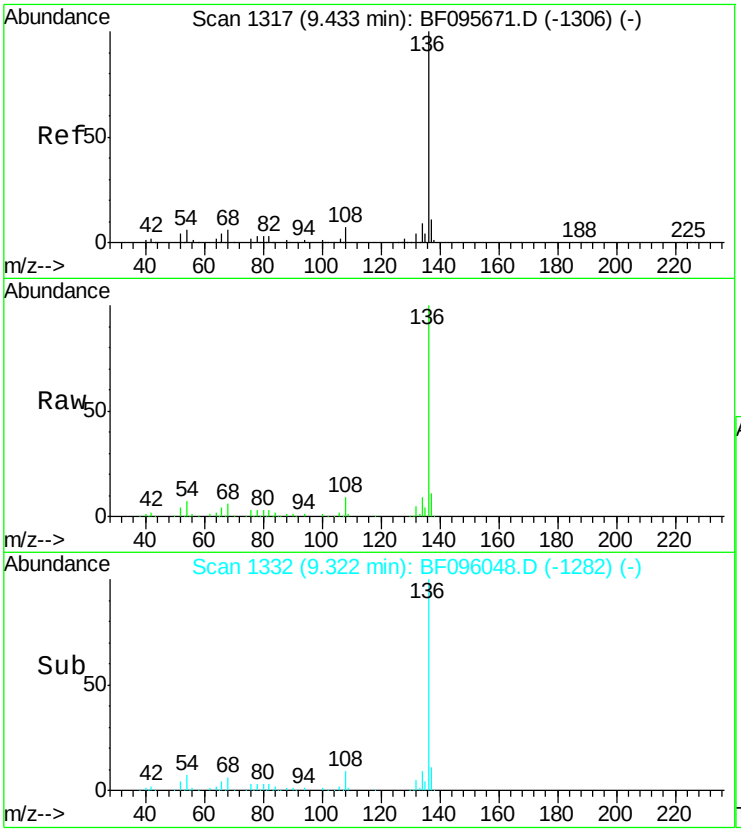


#7
Phenol-d6
Concen: 17.764 ng
RT: 6.90 min Scan# 921
Delta R.T. 0.03 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion: 99 Resp: 99121

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.5	20.3
71	31.6	24.5	36.7



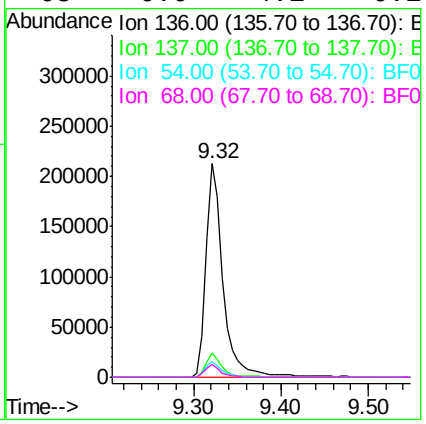


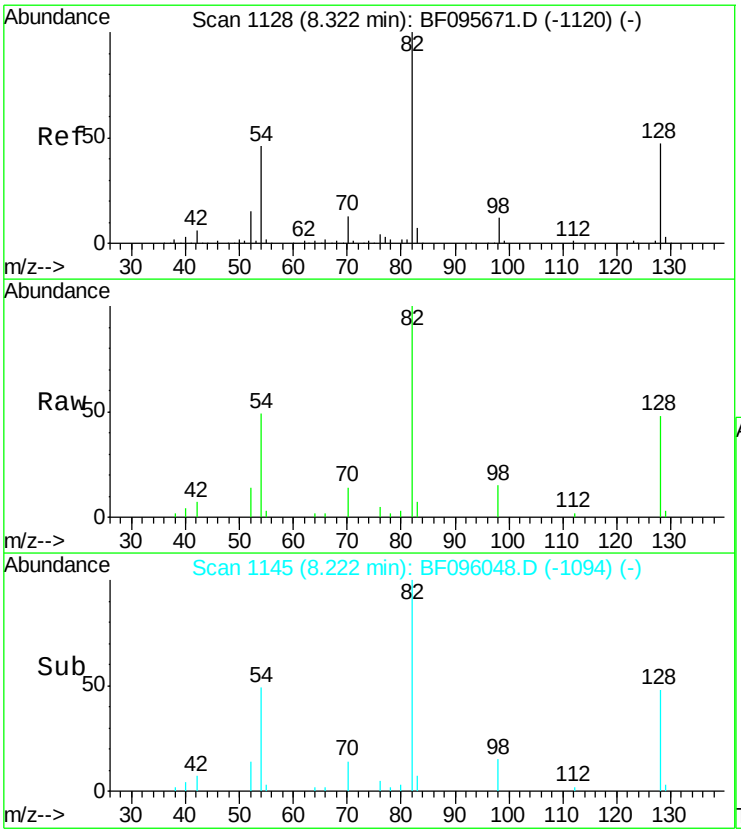
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:136 Resp: 291919

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	7.0	4.9	7.3
68	6.0	4.1	6.1

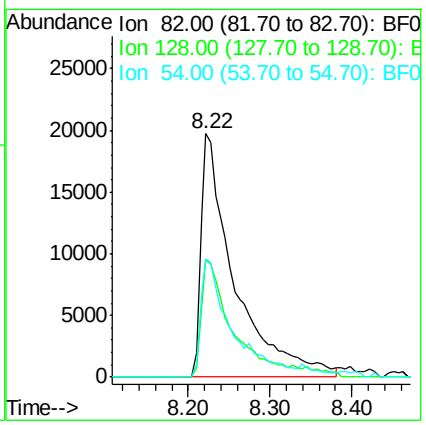


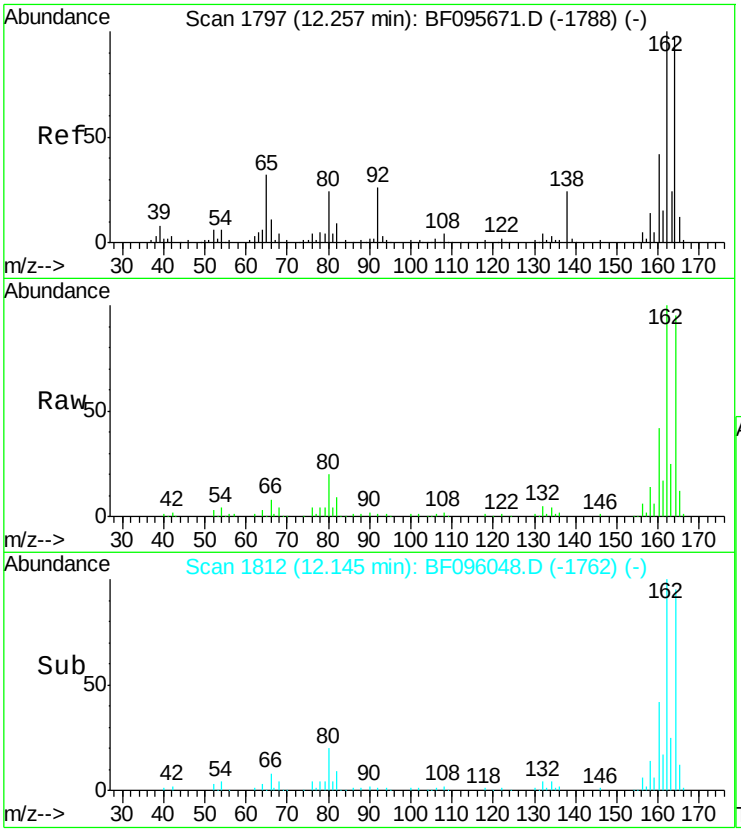


#23
Nitrobenzene-d5
Concen: 11.967 ng
RT: 8.22 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion: 82 Resp: 56248

Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	48.6	42.2	63.2



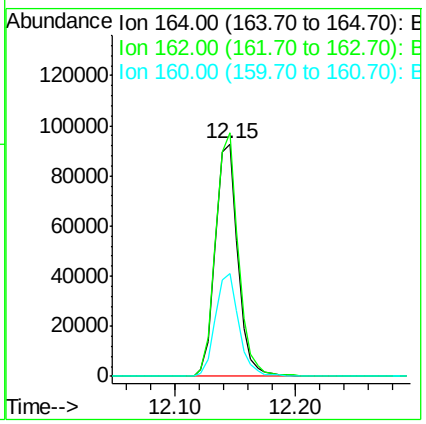


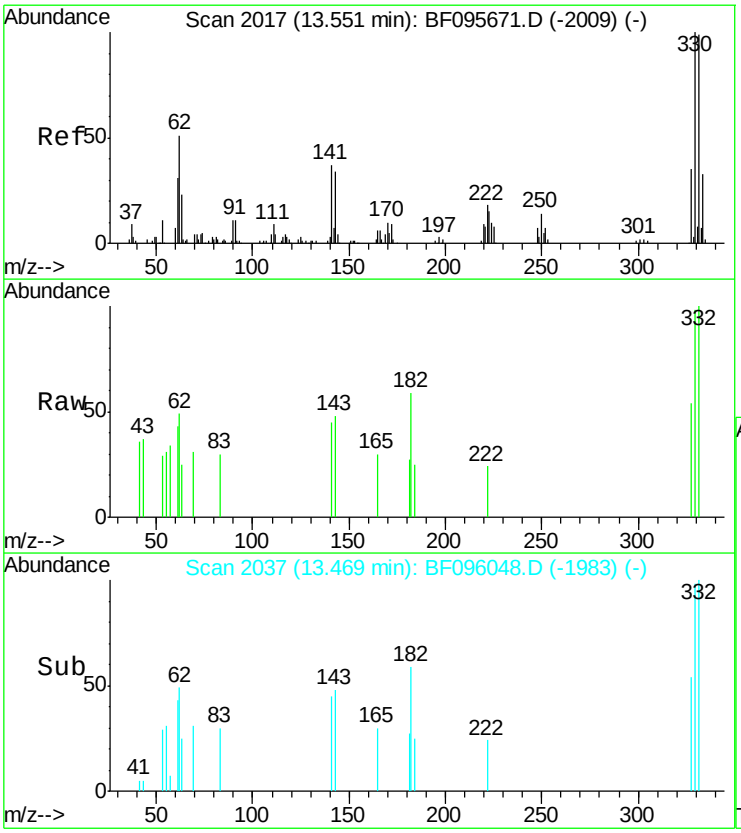
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.15 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:164 Resp: 119726

Ion	Ratio	Lower	Upper
164	100		
162	104.7	82.6	123.8
160	44.0	36.2	54.2

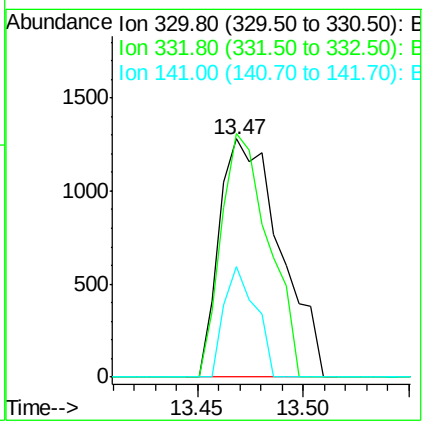


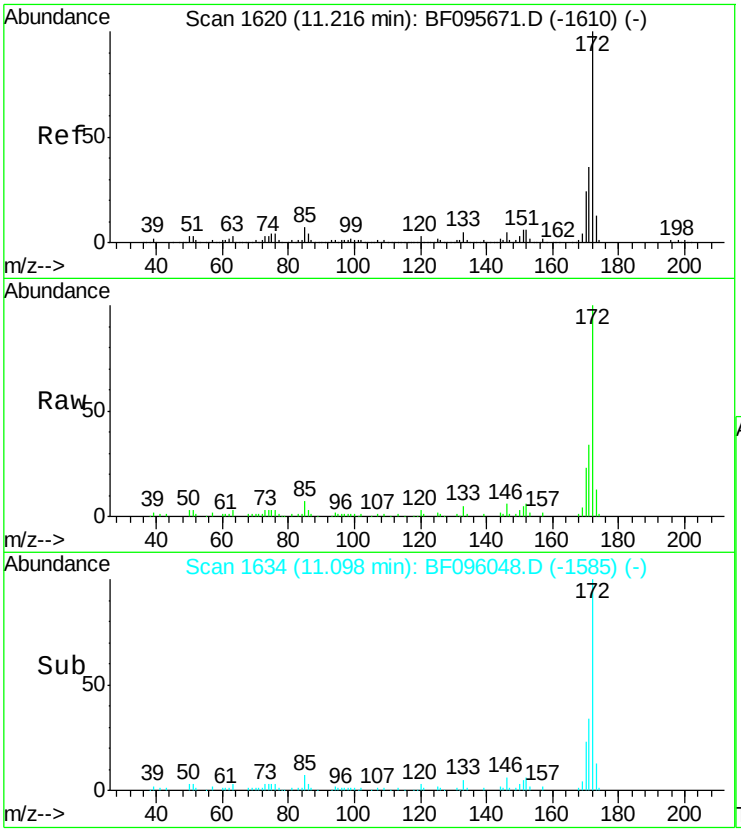


#41
2,4,6-Tribromophenol
Concen: 2.413 ng
RT: 13.47 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:330 Resp: 2556

Ion	Ratio	Lower	Upper
330	100		
332	79.4	76.6	115.0
141	24.0	31.4	47.2#



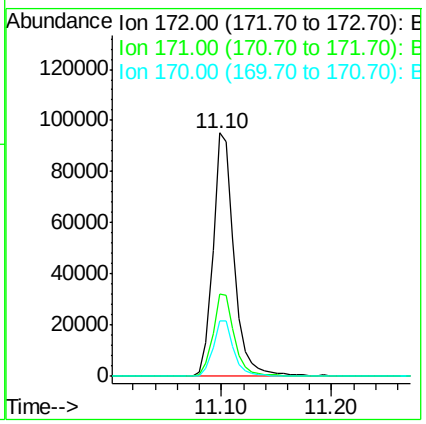


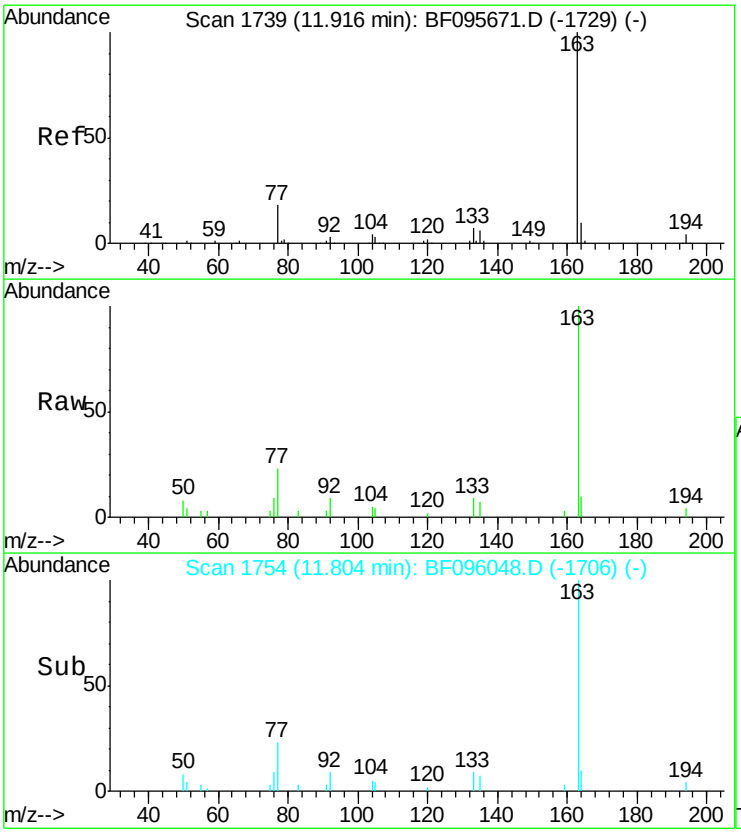
#44
2-Fluorobiphenyl
Concen: 14.519 ng
RT: 11.10 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:172 Resp: 124917

Ion	Ratio	Lower	Upper
172	100		
171	34.1	29.6	44.4
170	22.9	19.8	29.8

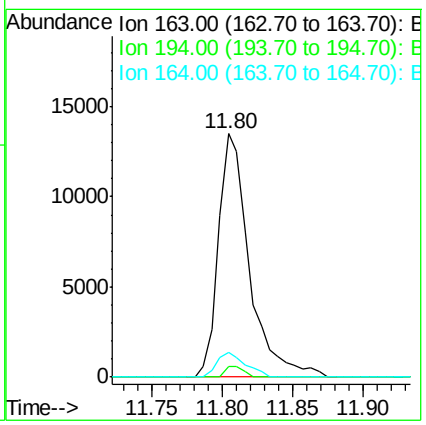


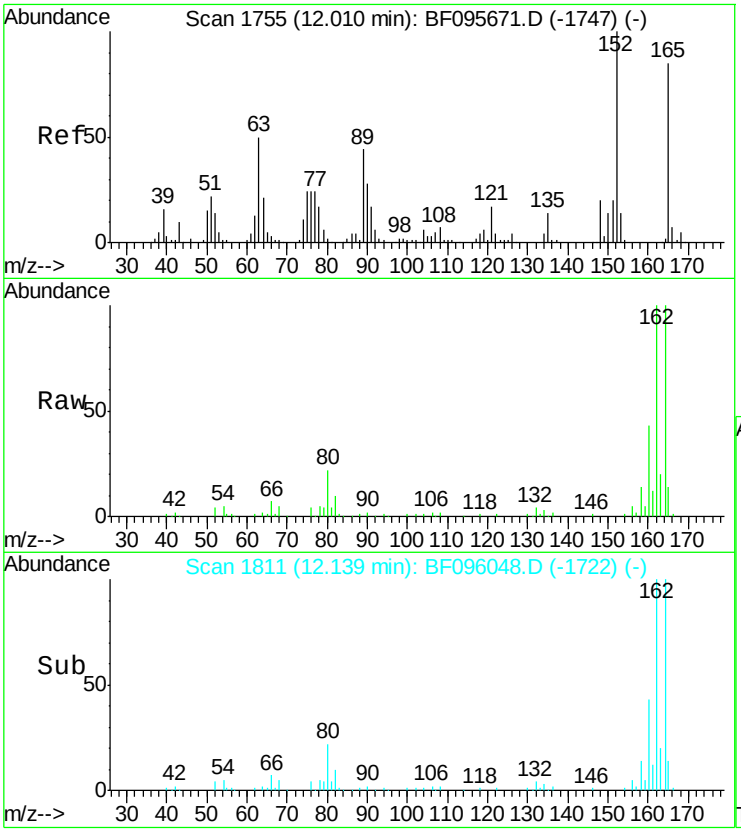


#49
Dimethylphthalate
Concen: 2.267 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:163 Resp: 20608

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	10.4	8.4	12.6



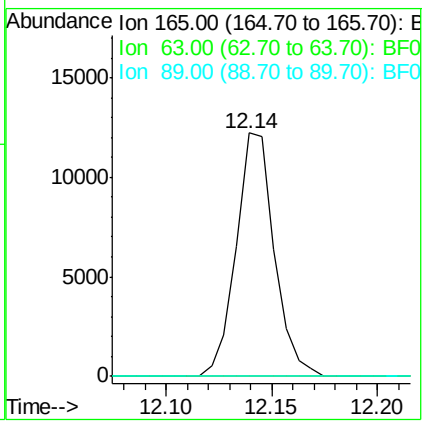


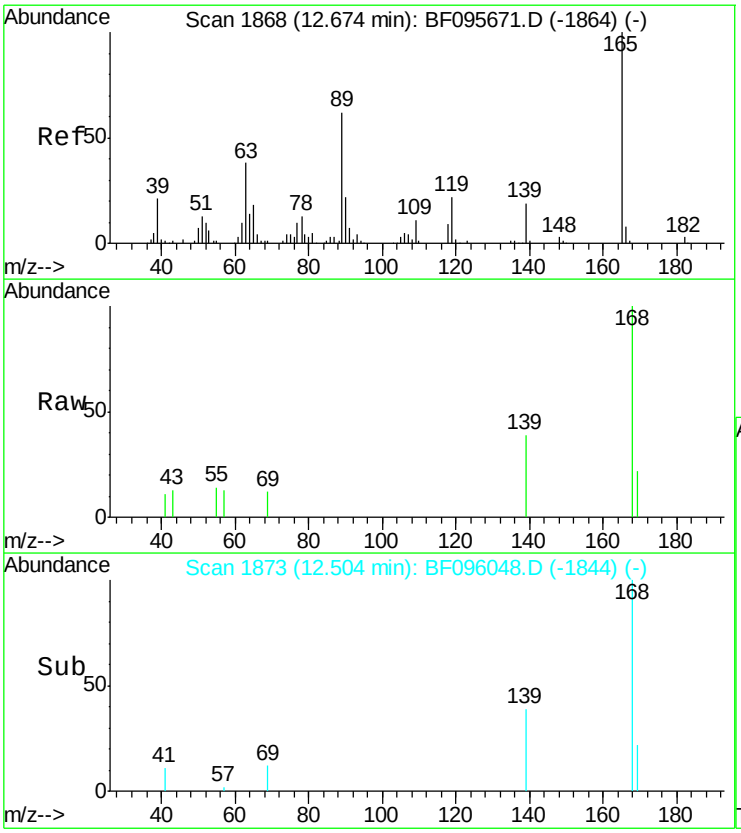
#50
2,6-Dinitrotoluene
Concen: 7.715 ng
RT: 12.14 min Scan# 1811
Delta R.T. 0.22 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:165 Resp: 15297

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

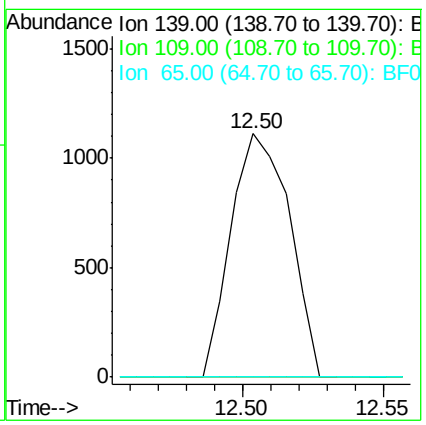


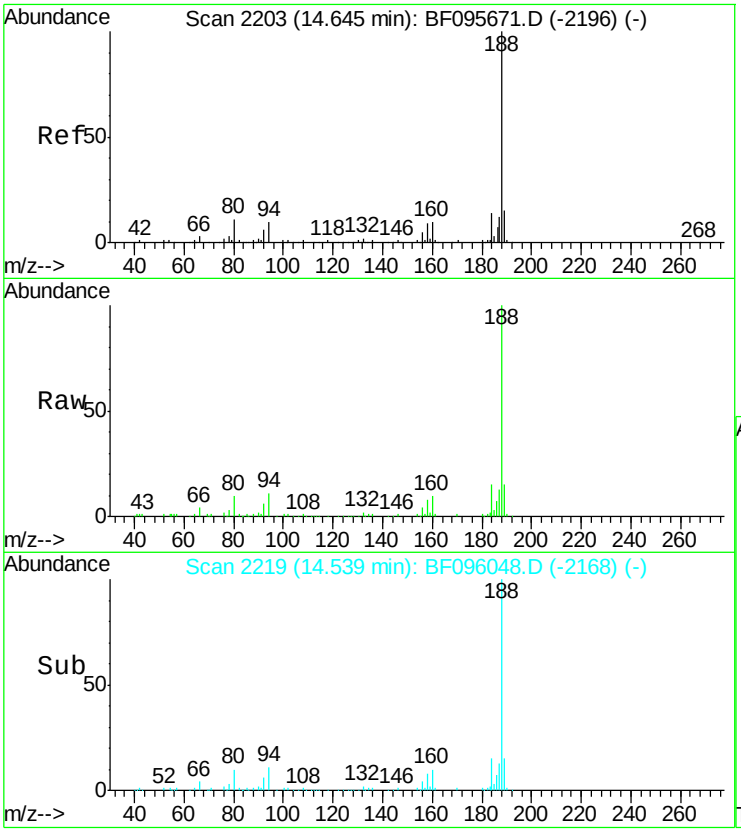


#55
4-Nitrophenol
Concen: 5.744 ng
RT: 12.50 min Scan# 1873
Delta R.T. -0.13 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:139 Resp: 1599

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



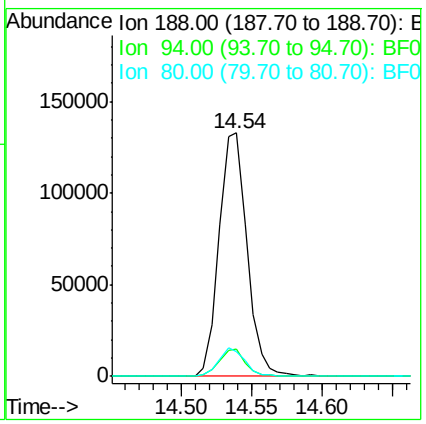


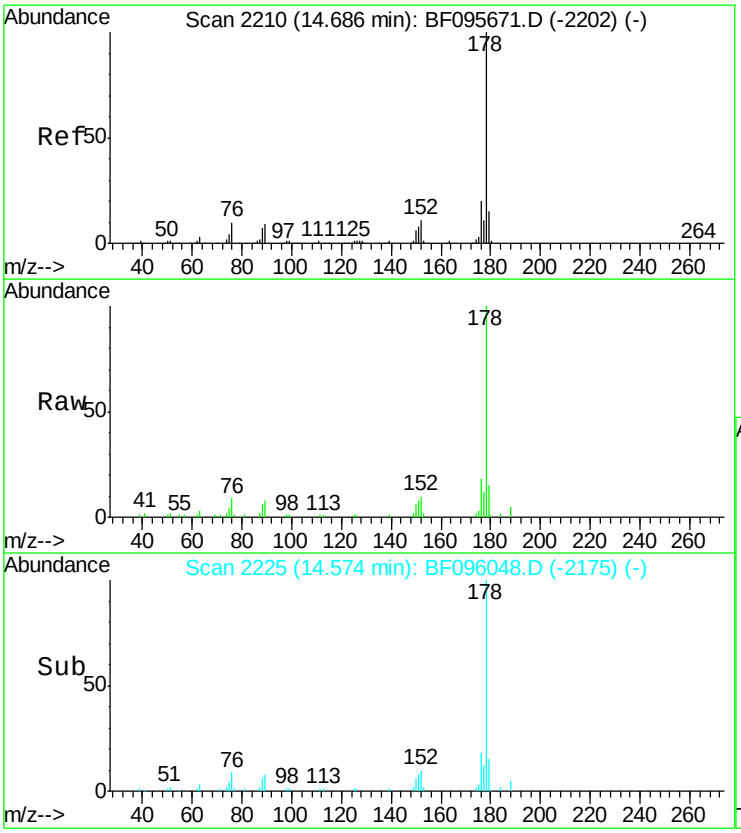
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:188 Resp: 183523

Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	10.2	10.2	15.2

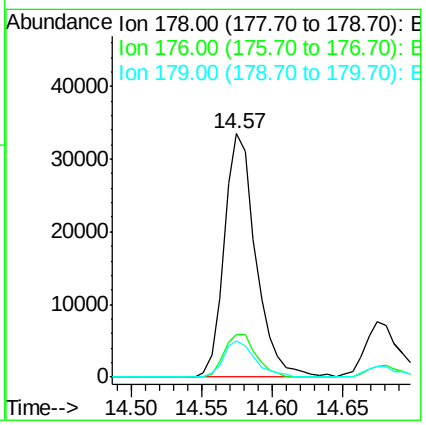


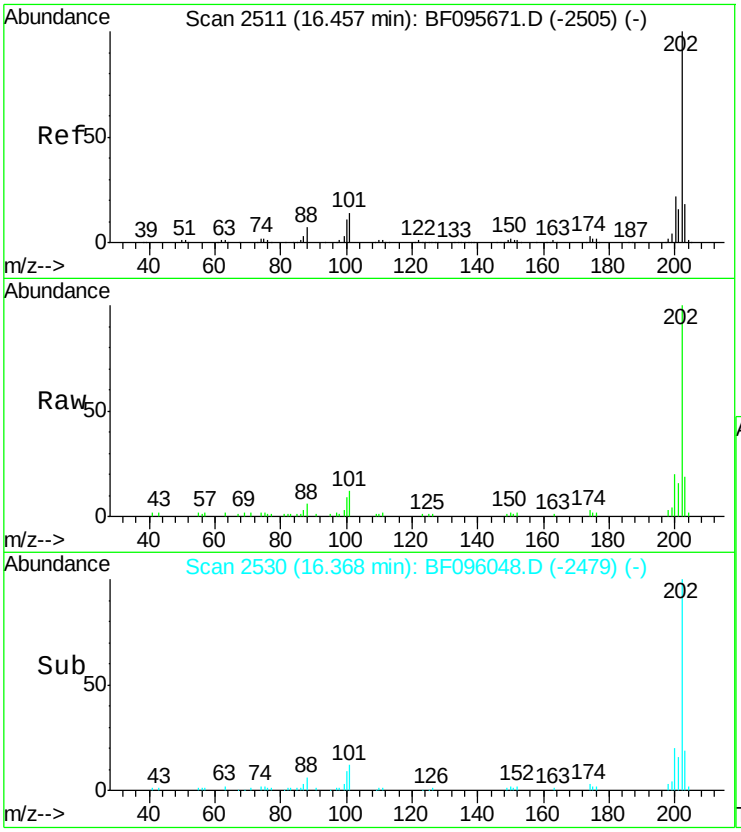


#70
Phenanthrene
Concen: 4.921 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:178 Resp: 52106

Ion	Ratio	Lower	Upper
178	100		
176	17.8	16.2	24.4
179	14.6	12.6	19.0



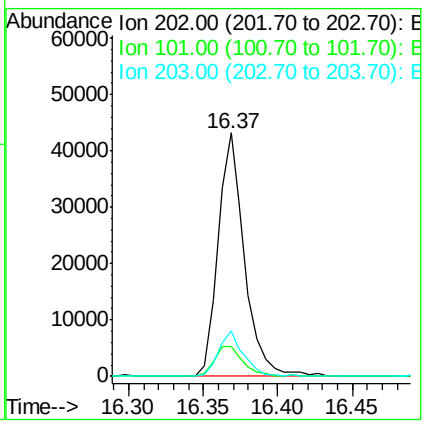


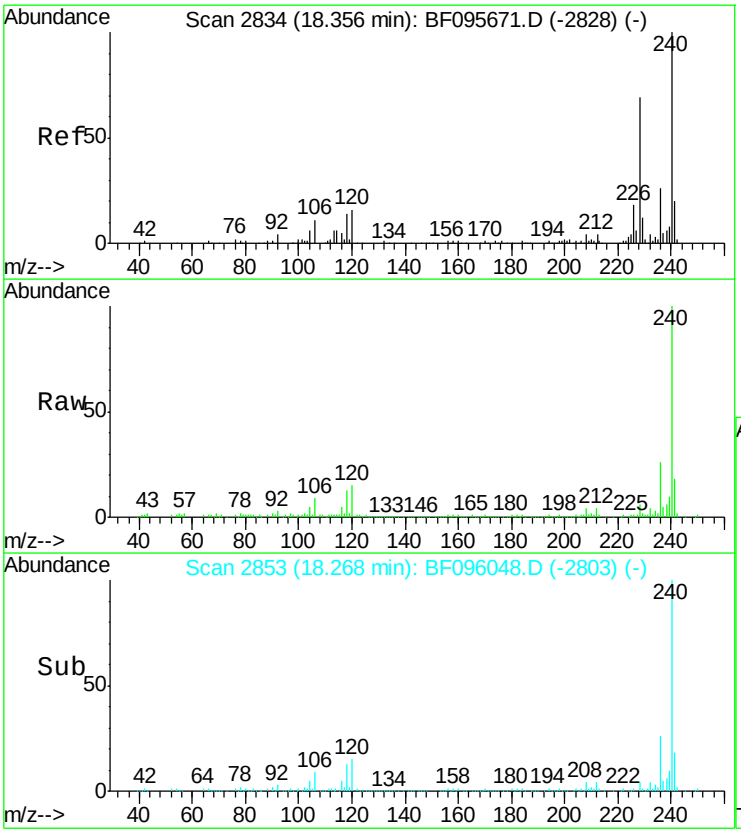
#74
Fluoranthene
Concen: 5.092 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:202 Resp: 53363

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	18.8	0.0	38.1

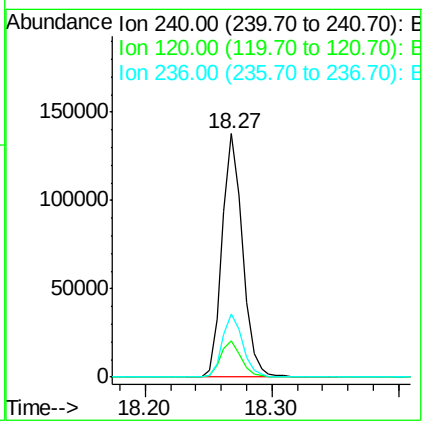


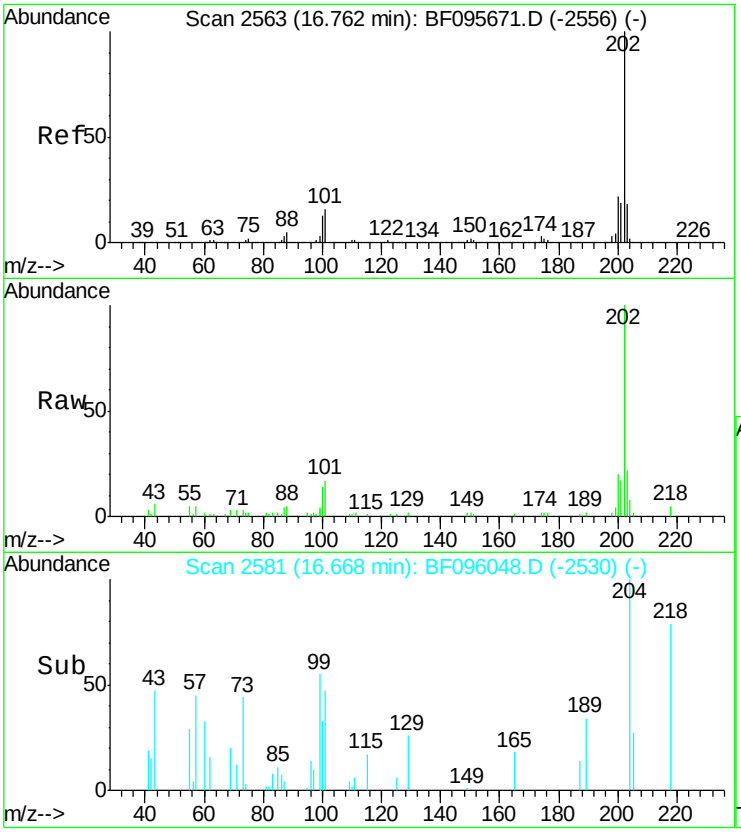


#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:240 Resp: 154671

Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.7	20.5	30.7



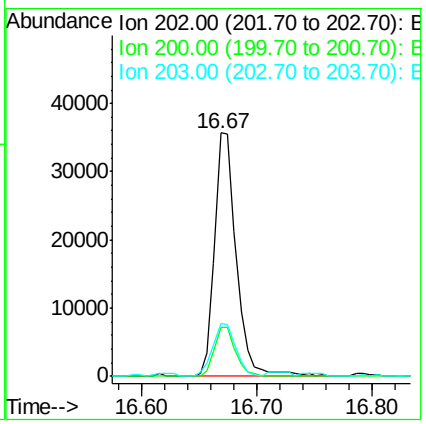


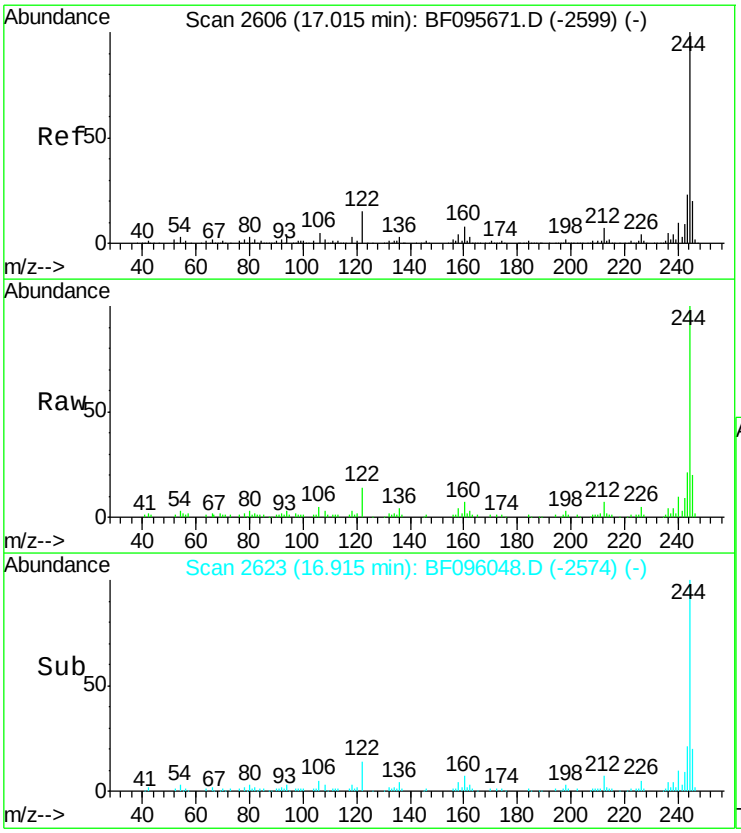
#77
Pyrene
Concen: 4.053 ng
RT: 16.67 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:202 Resp: 46776

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	21.7	14.4	21.6#

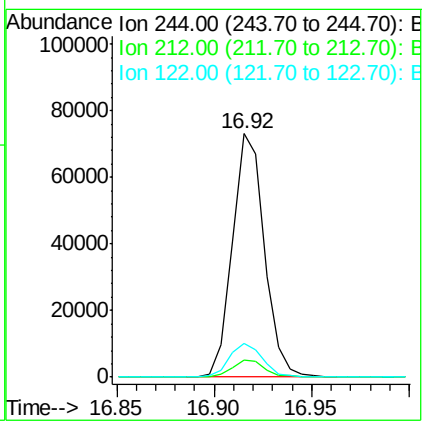


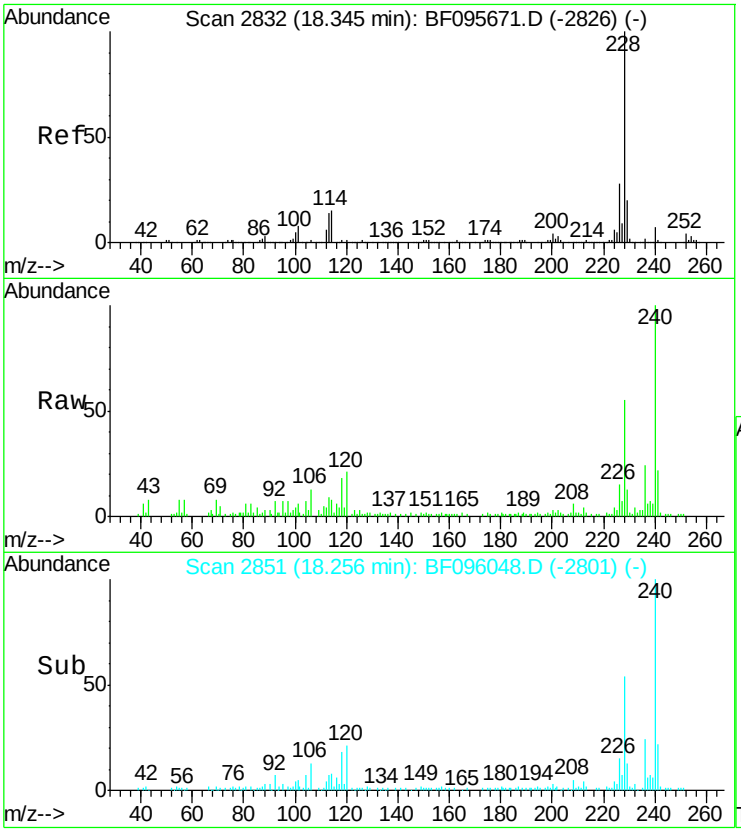


#78
Terphenyl-d14
Concen: 13.274 ng
RT: 16.92 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:244 Resp: 82726

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5



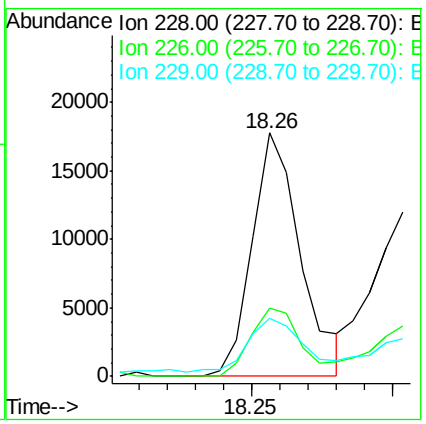


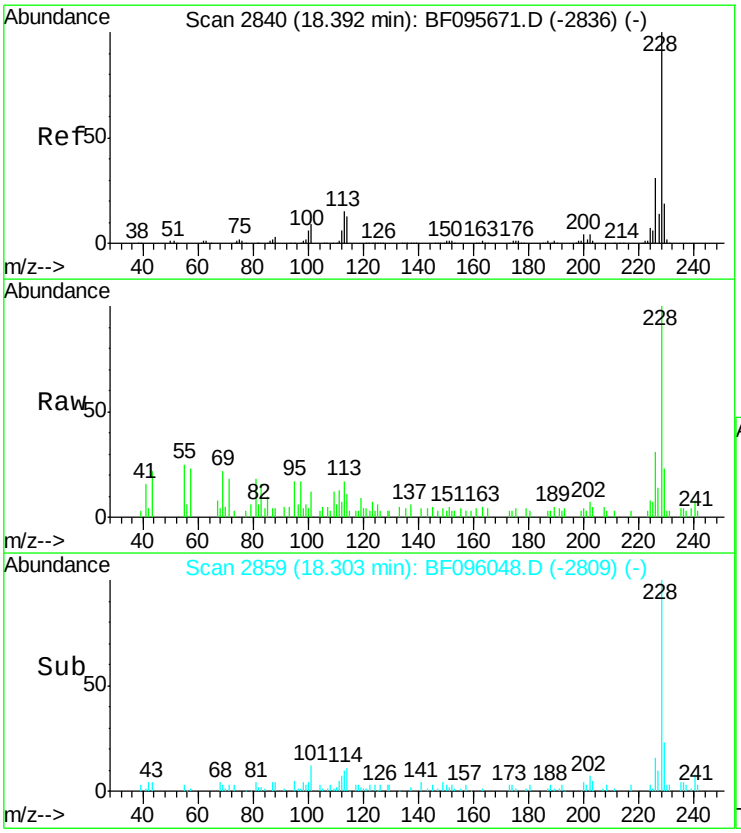
#80
Benzo(a)anthracene
Concen: 2.357 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:228 Resp: 21195

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	24.0	16.3	24.5

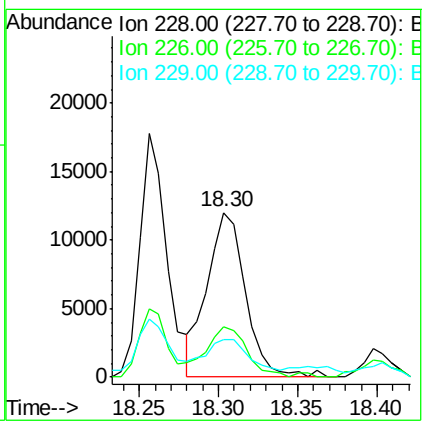


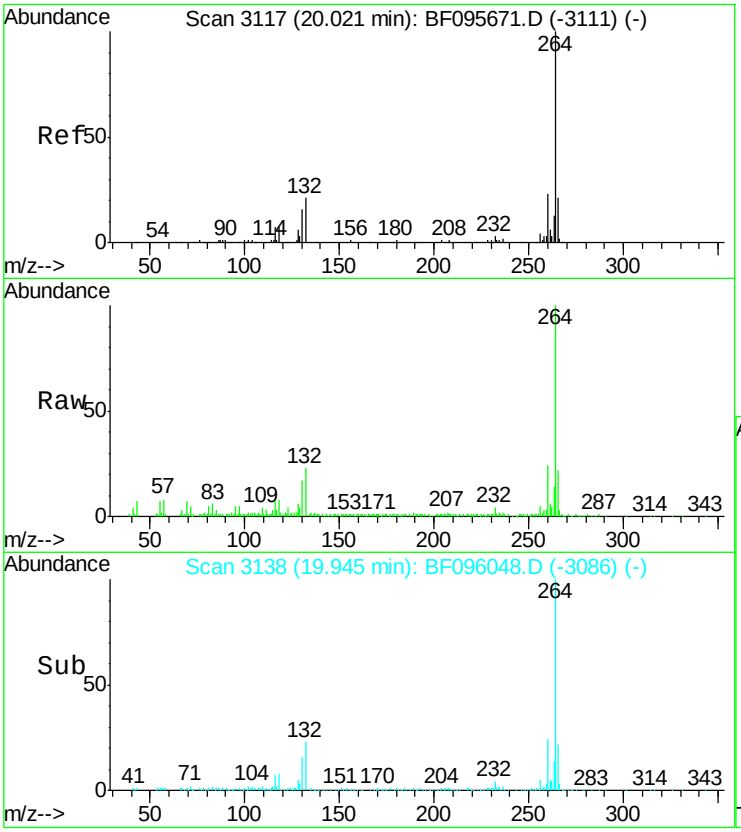


#82
Chrysene
Concen: 2.260 ng
RT: 18.30 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:228 Resp: 20306

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	23.2	15.8	23.6



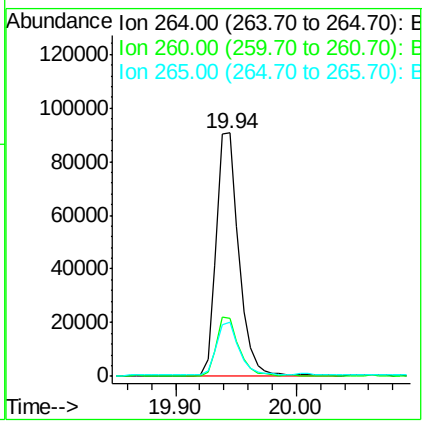


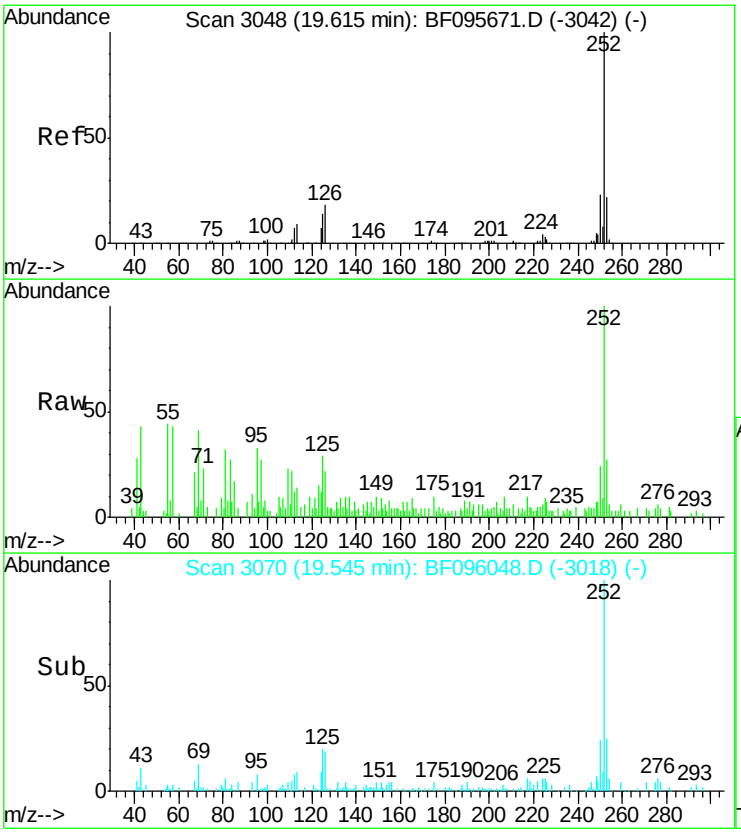
#86
Perylene-d12
Concen: 20.000 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:264 Resp: 117396

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	22.4	17.2	25.8

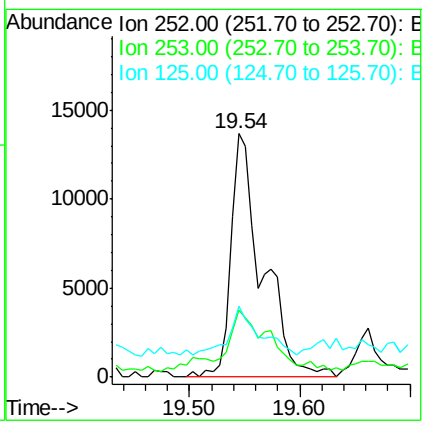


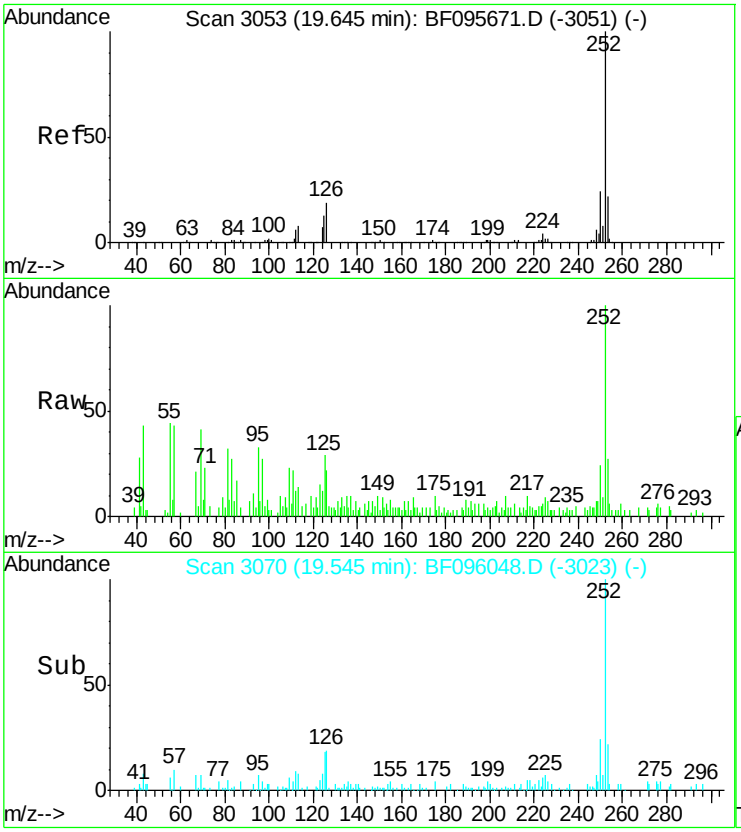


#87
Benzo(b)fluoranthene
Concen: 3.716 ng
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:252 Resp: 27313

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.1	27.1#
125	29.2	9.8	14.8#



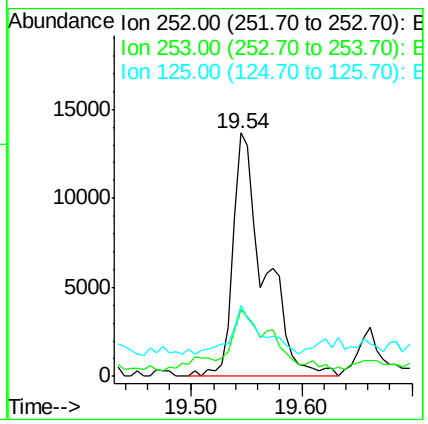


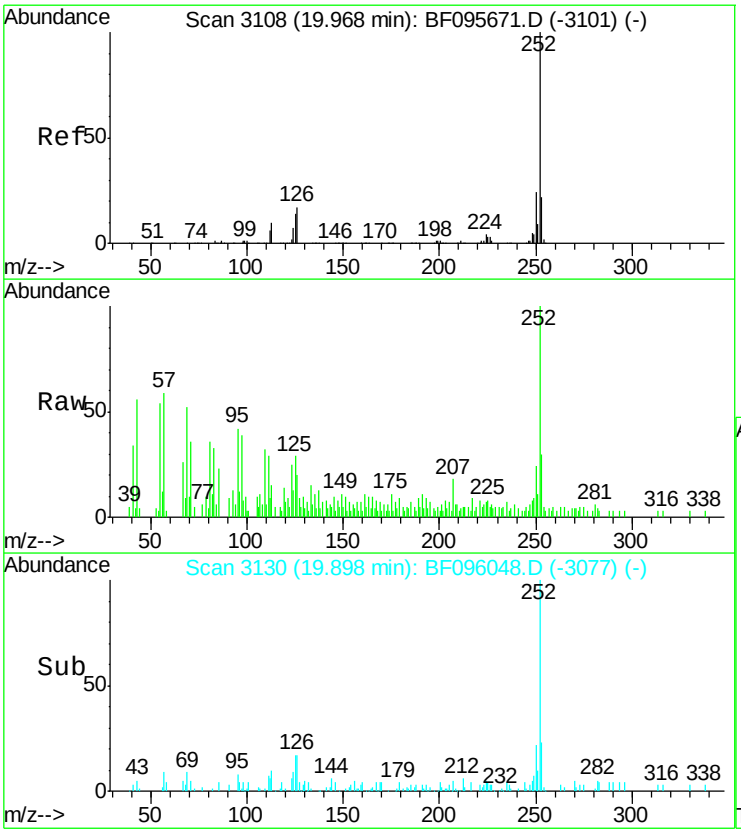
#88
Benzo(k)fluoranthene
Concen: 3.887 ng
RT: 19.54 min Scan# 3070
Delta R.T. -0.02 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-B

Tgt Ion:252 Resp: 27313

Ion	Ratio	Lower	Upper
252	100		
253	27.5	18.4	27.6
125	29.2	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.146 ng
RT: 19.90 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BF096048.D
Acq: 20 Jun 2017 16:58

Tgt Ion:252 Resp: 14500

Ion	Ratio	Lower	Upper
252	100		
253	30.0	17.5	26.3#
125	29.2	11.0	16.4#