Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095388.D
Acq On : 24 May 2017 14:42
Operator : SJ/MA
Sample : I3290-06 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: May 25 01:43:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	79038	20.00	ng		0.00
21) Naphthalene-d8	9.78	136	357735	20.00	ng		0.00
38) Acenaphthene-d10	12.61	164	162196	20.00	ng		-0.01
63) Phenanthrene-d10	15.01	188	283351	20.00	ng		-0.01
75) Chrysene-d12	18.68	240	185256	20.00	ng		-0.01
86) Perylene-d12	20.36	264	137241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	8179	1.73	ng		0.11
7) Phenol-d6	7.41	99	43190	7.59	ng		0.09
23) Nitrobenzene-d5	8.75	82	21732	3.83	ng		0.08
41) 2,4,6-Tribromophenol	13.95	330	6888	5.19	ng		0.03
44) 2-Fluorobiphenyl	11.57	172	84396	7.49	ng		0.00
78) Terphenyl-d14	17.33	244	60163	7.15	ng		-0.02
Target Compounds							Qvalue
50) 2,6-Dinitrotoluene	12.61	165	14934	5.50	ng	#	31
74) Fluoranthene	16.80	202	117823	7.06	ng		98
77) Pyrene	17.10	202	121966	8.80	ng		97
80) Benzo(a)anthracene	18.67	228	38532	3.57	ng		98
82) Chrysene	18.72	228	56691	5.44	ng		94
85) Indeno(1,2,3-cd)pyrene	21.73	276	30438	3.60	ng		96
87) Benzo(b)fluoranthene	19.97	252	68707	8.10	ng		99
88) Benzo(k)fluoranthene	19.97	252	68707	8.40	ng		97
89) Benzo(a)pyrene	20.31	252	31426	4.02	ng	#	97
91) Benzo(g,h,i)perylene	22.12	276	32081	5.06	ng		96

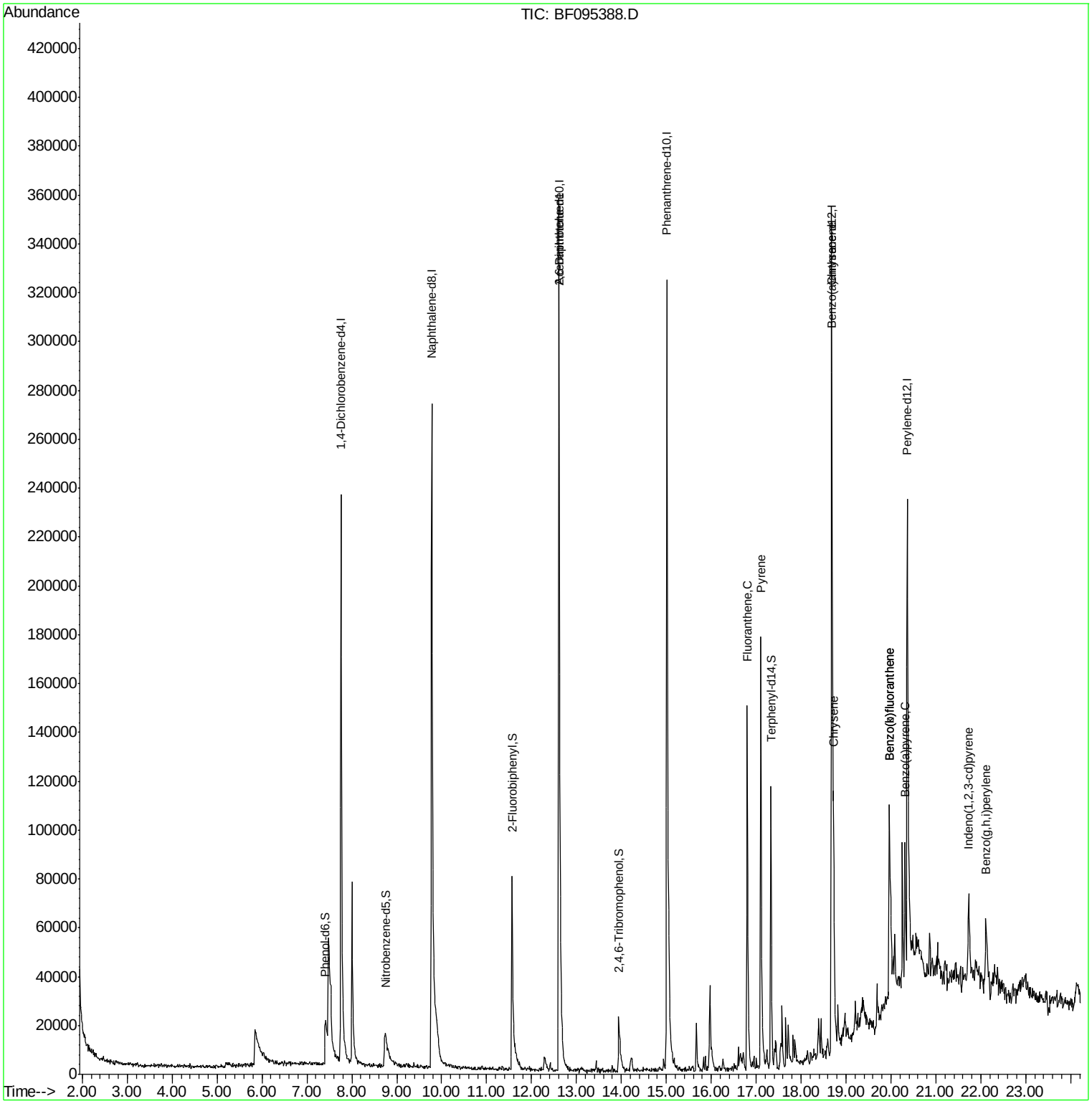
(#) = qualifier out of range (m) = manual integration (+) = signals summed

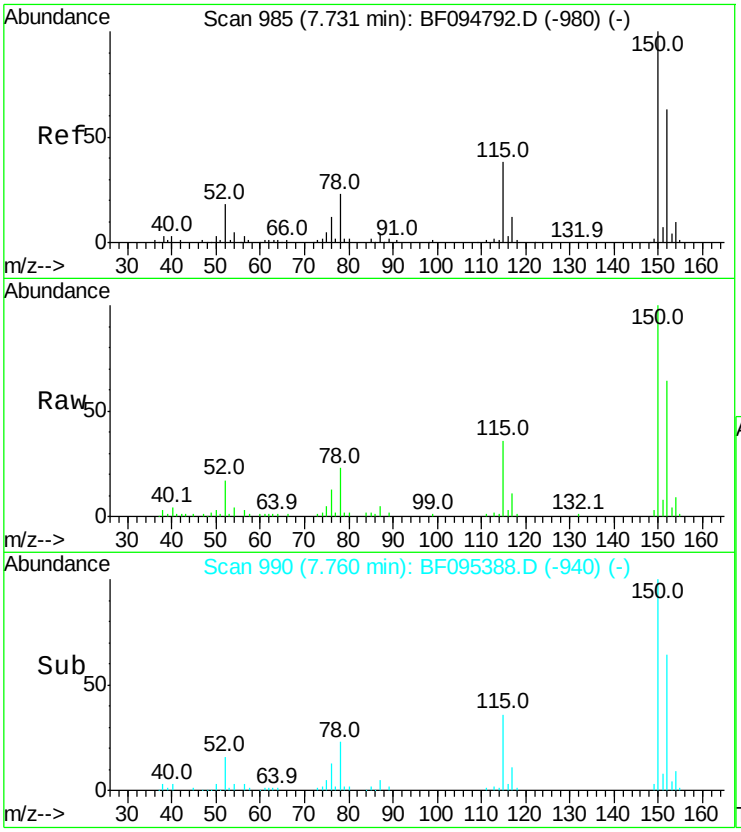
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095388.D
Acq On : 24 May 2017 14:42
Operator : SJ/MA
Sample : I3290-06 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 25 01:43:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 17:07:53 2017
Response via : Initial Calibration



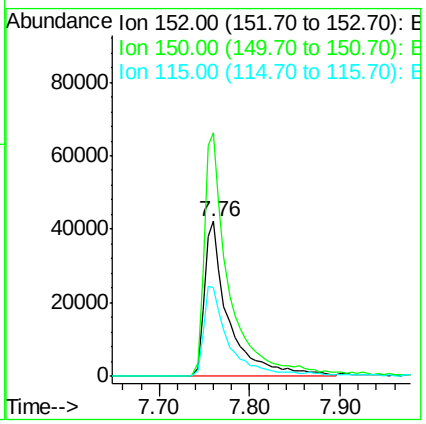


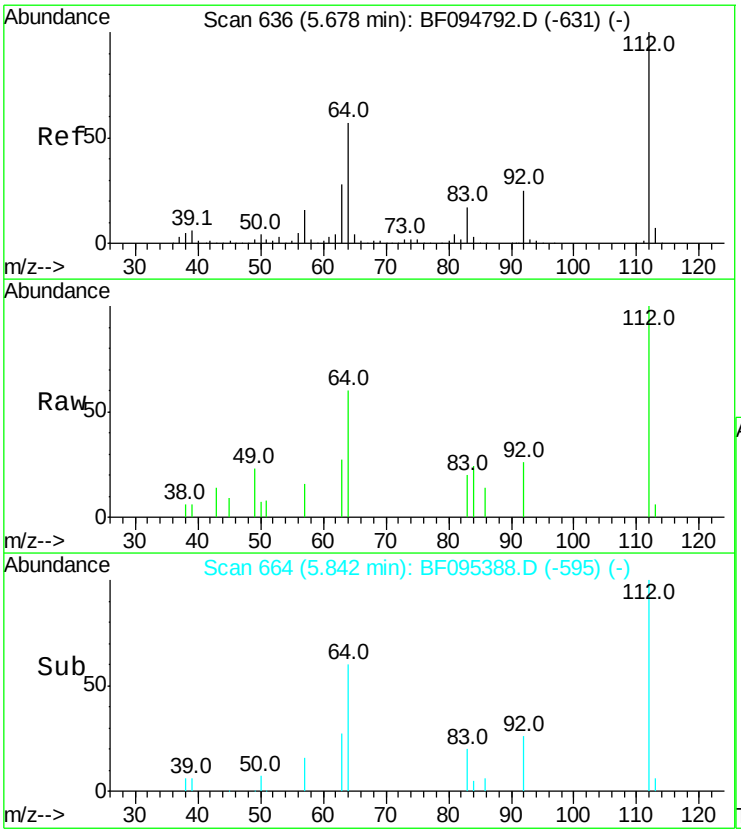
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 79038

Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	56.9	52.2	78.2

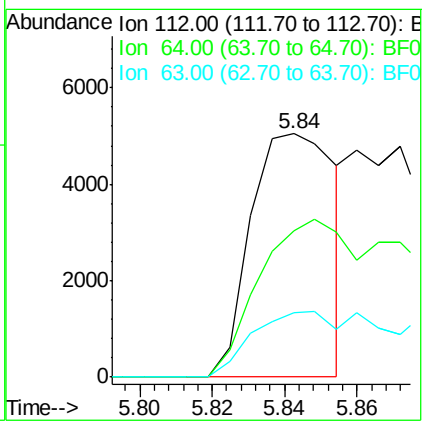


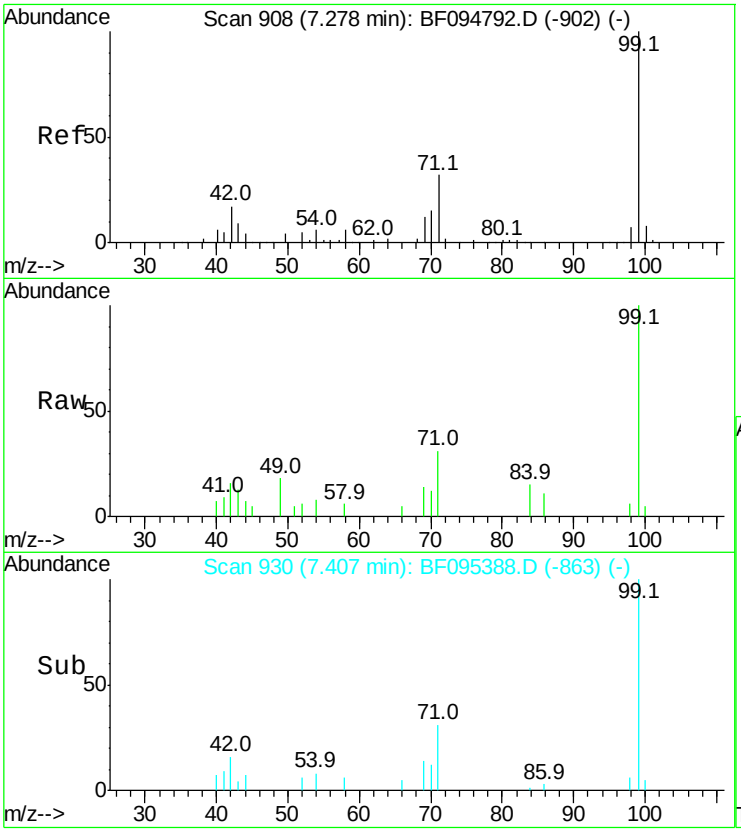


#5
2-Fluorophenol
Concen: 1.73 ng
RT: 5.84 min Scan# 664
Delta R.T. 0.11 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:112 Resp: 8179

Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	26.7	23.4	35.0



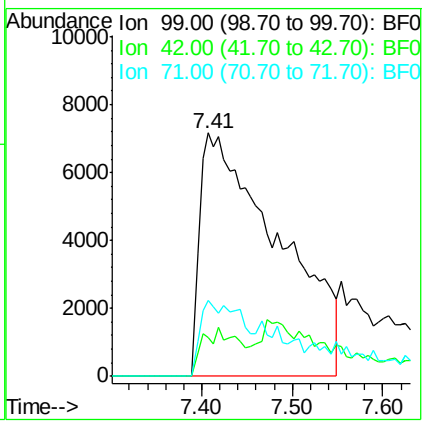


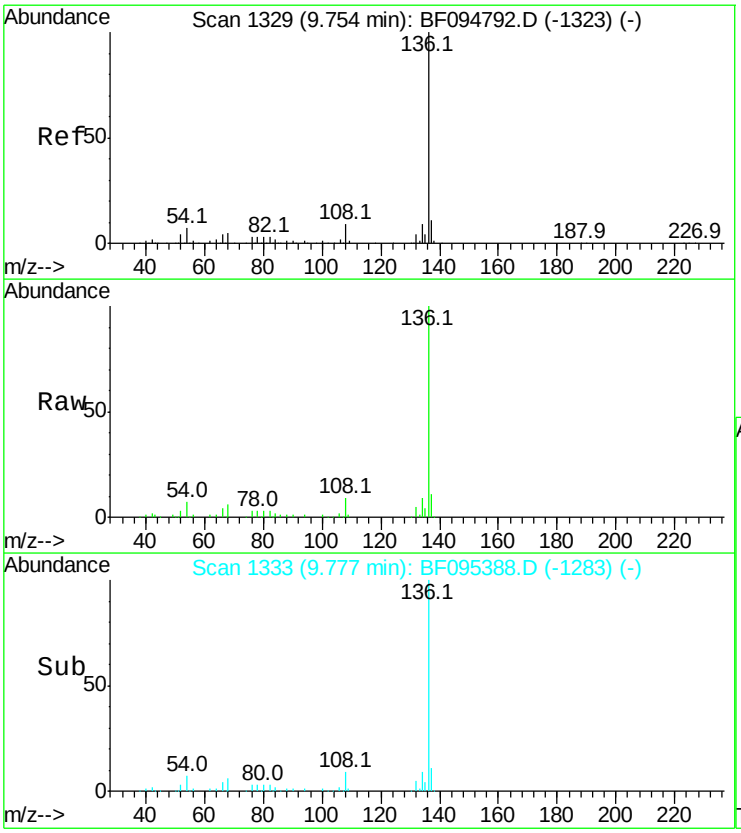
#7
Phenol-d6
Concen: 7.59 ng
RT: 7.41 min Scan# 930
Delta R.T. 0.09 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 43190

Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.3	24.5	36.7

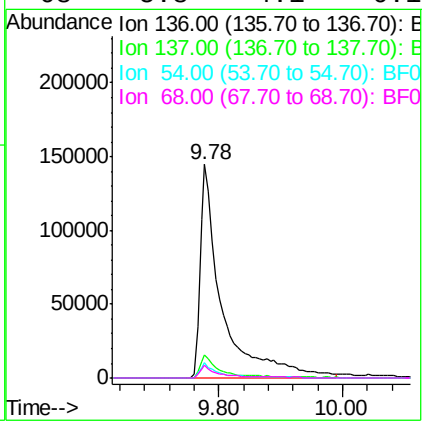


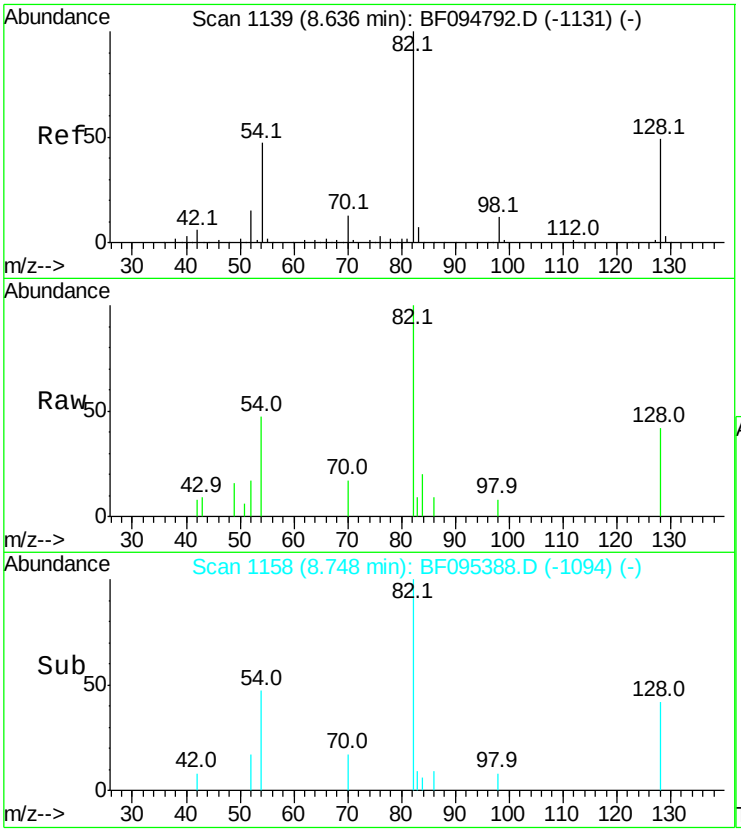


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:136 Resp: 357735

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3#
68	5.8	4.1	6.1



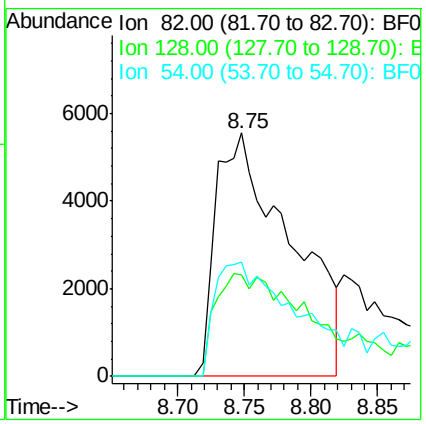


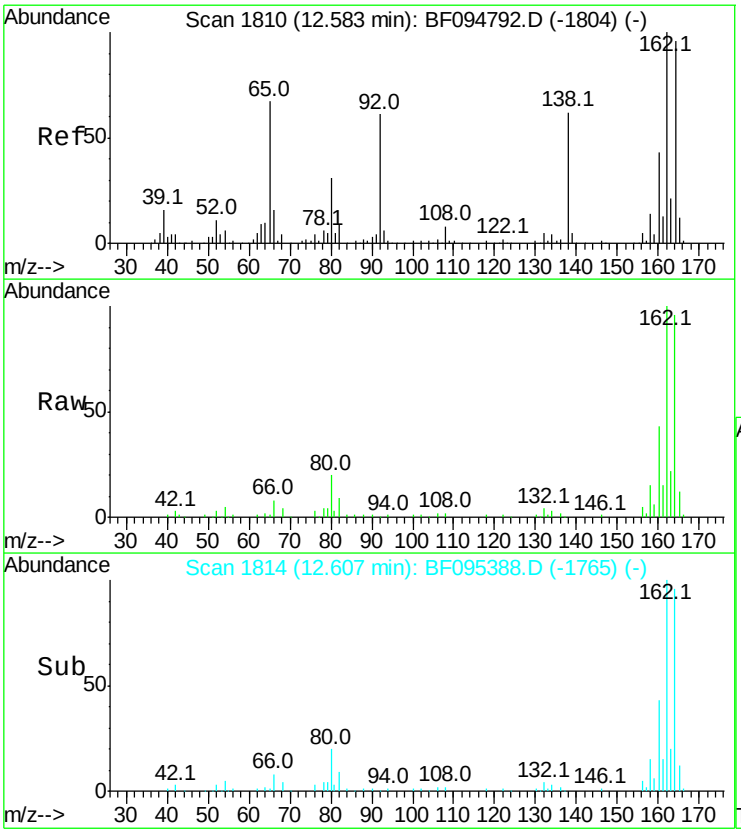
#23
Nitrobenzene-d5
Concen: 3.83 ng
RT: 8.75 min Scan# 1158
Delta R.T. 0.08 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 21732

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.0	51.0
54	47.1	42.2	63.2

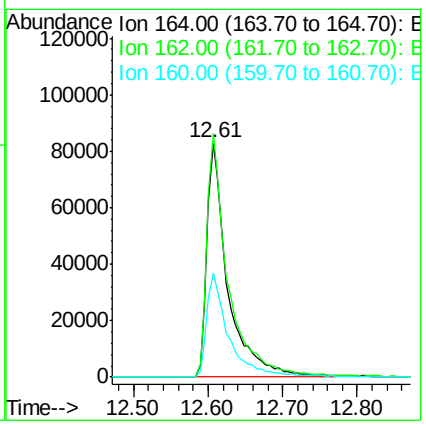


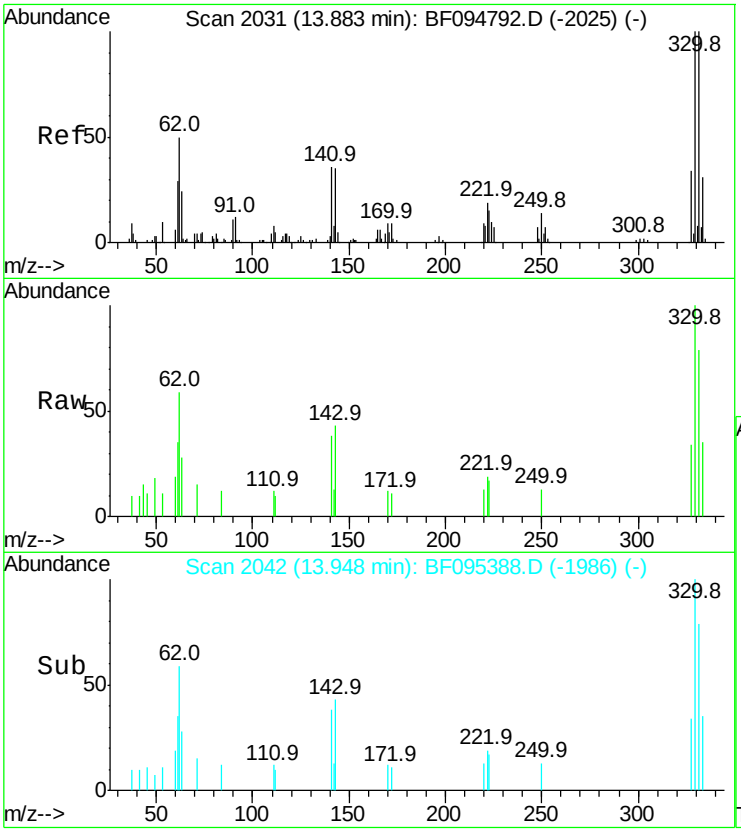


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:164 Resp: 162196

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.7	36.2	54.2



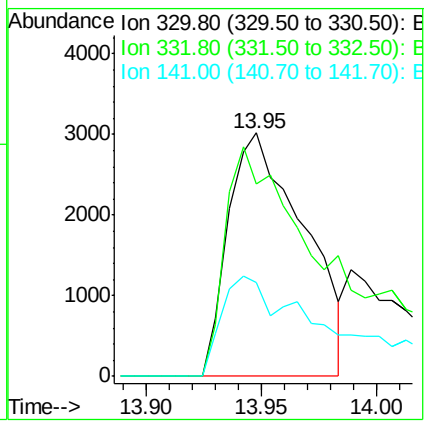


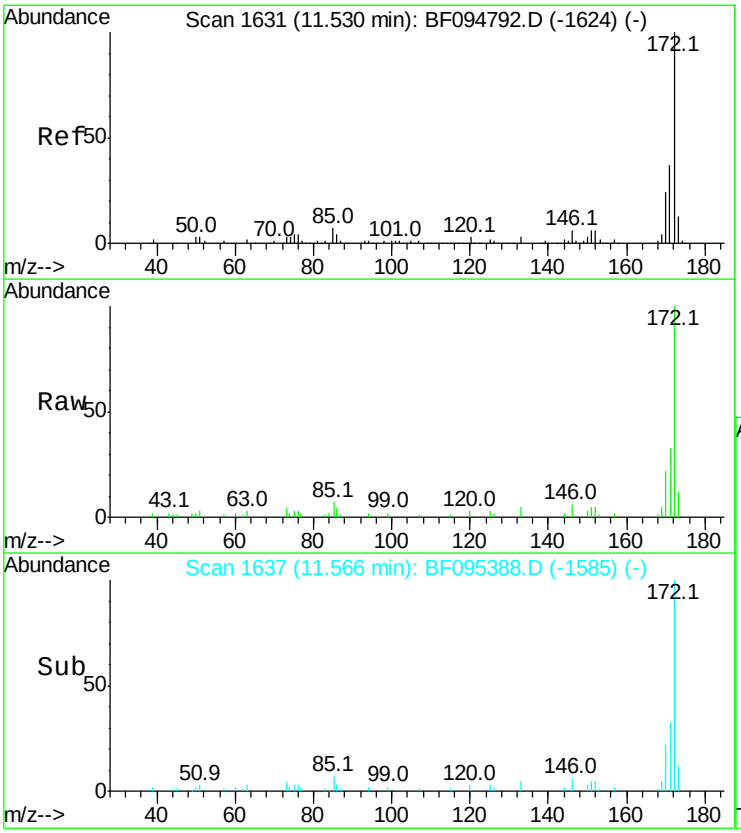
#41
2,4,6-Tribromophenol
Concen: 5.19 ng
RT: 13.95 min Scan# 2042
Delta R.T. 0.03 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 6888

Ion	Ratio	Lower	Upper
330	100		
332	128.7	76.6	115.0#
141	56.4	31.4	47.2#

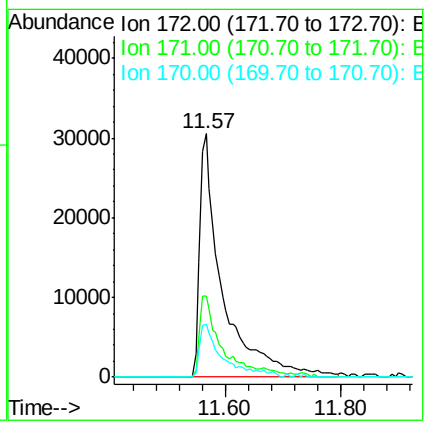


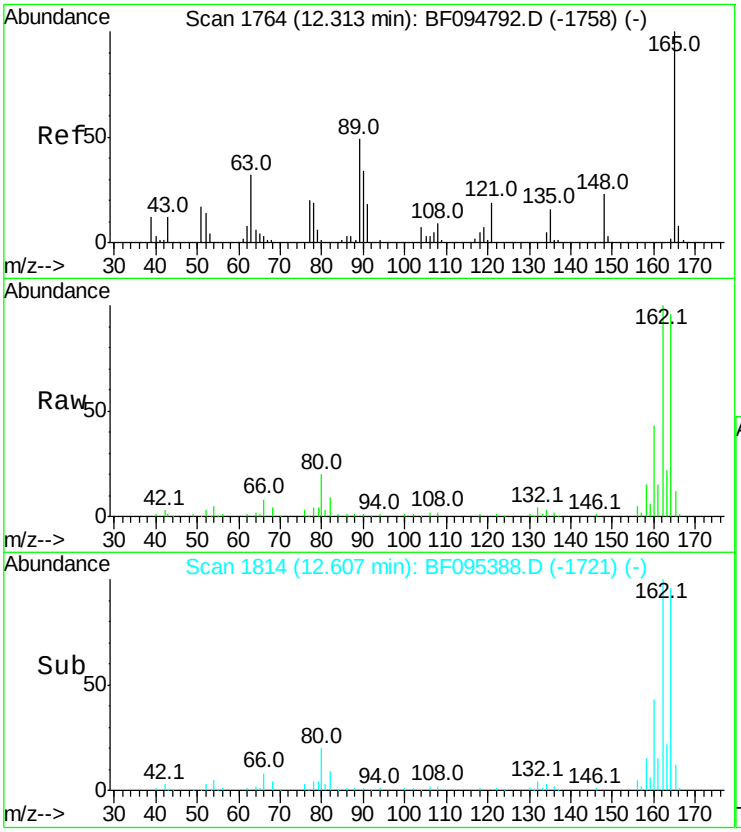


#44
2-Fluorobiphenyl
Concen: 7.49 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:172 Resp: 84396

Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.6	44.4
170	21.7	19.8	29.8



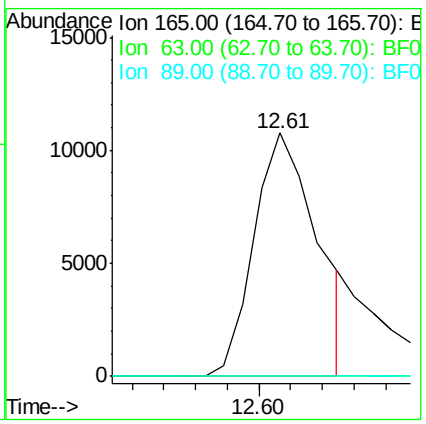


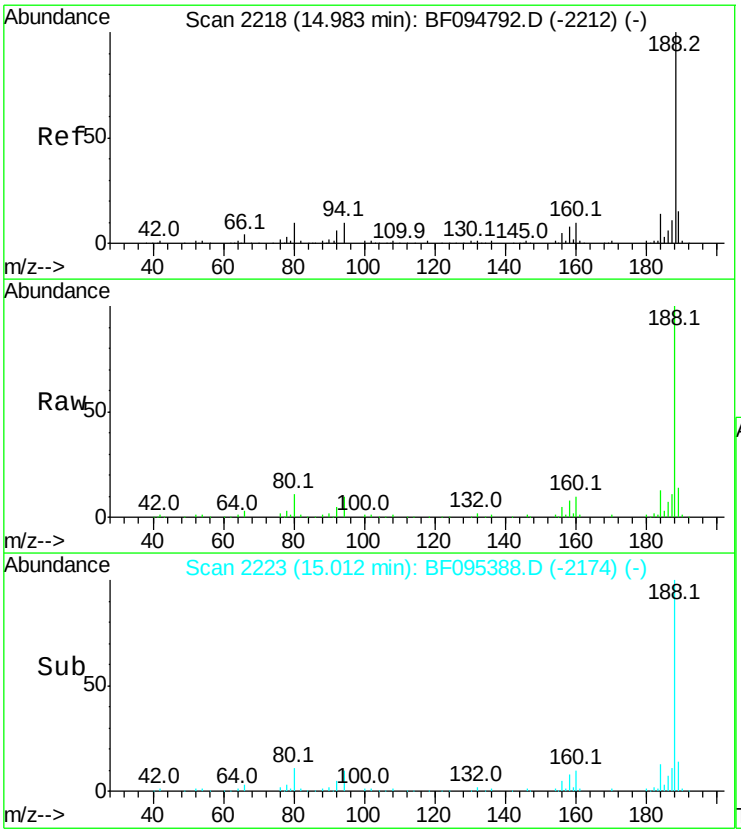
#50
2,6-Dinitrotoluene
Concen: 5.50 ng
RT: 12.61 min Scan# 1814
Delta R.T. 0.25 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 14934

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

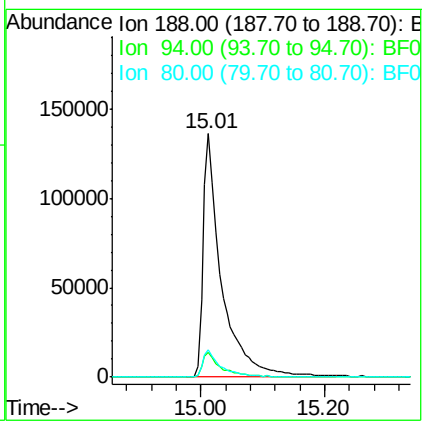


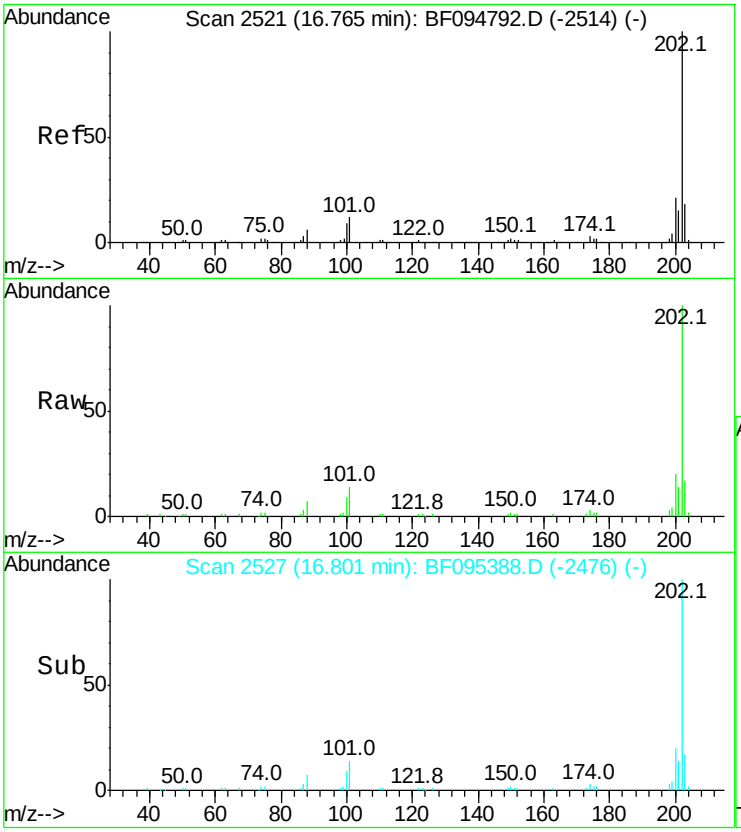


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:188 Resp: 283351

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	11.2	10.2	15.2



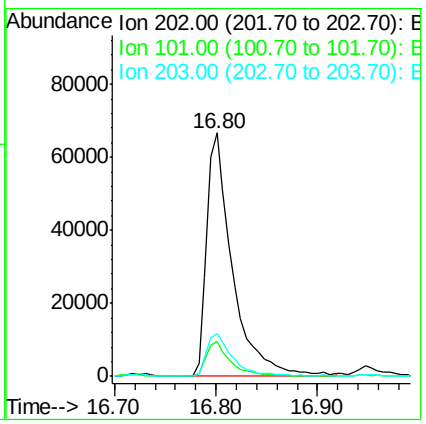


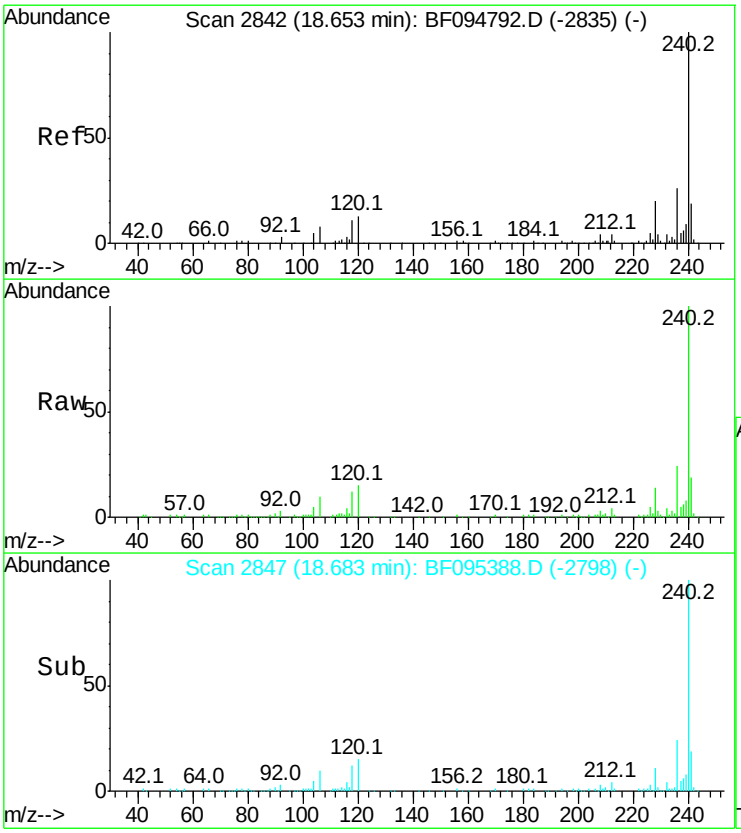
#74
Fluoranthene
Concen: 7.06 ng
RT: 16.80 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 117823

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.5	0.0	38.1

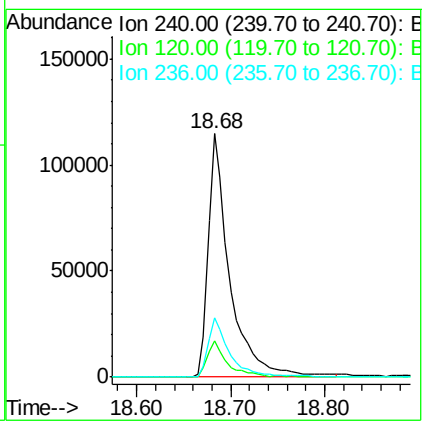


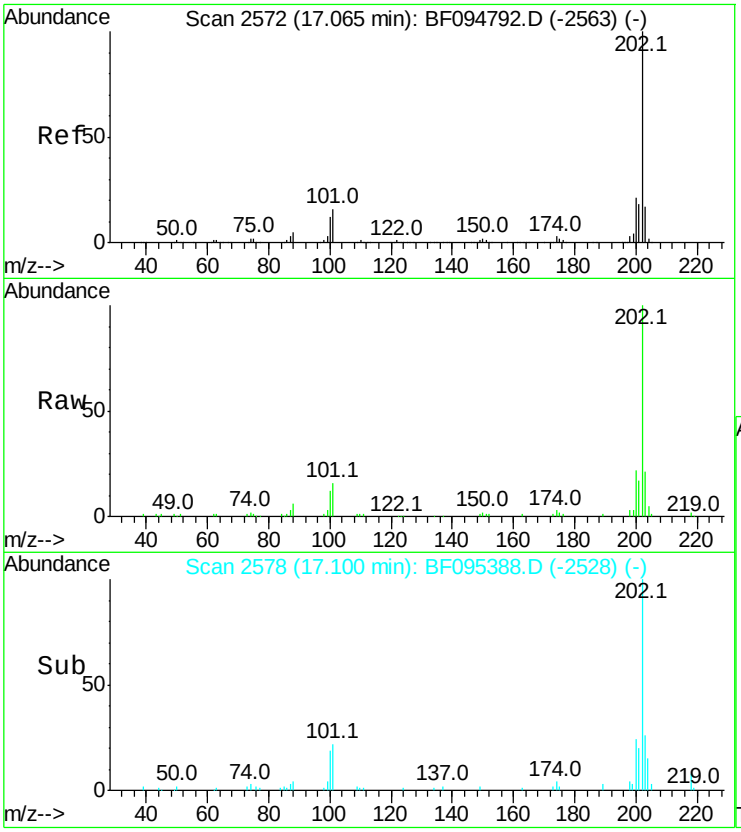


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:240 Resp: 185256

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	24.5	20.5	30.7



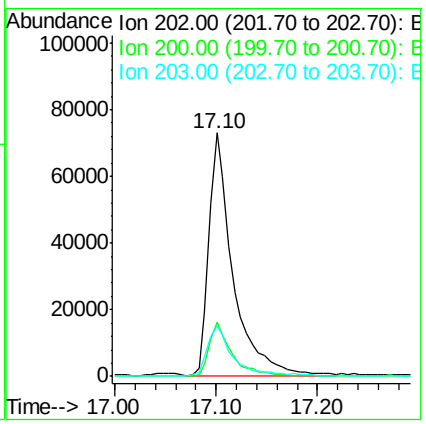


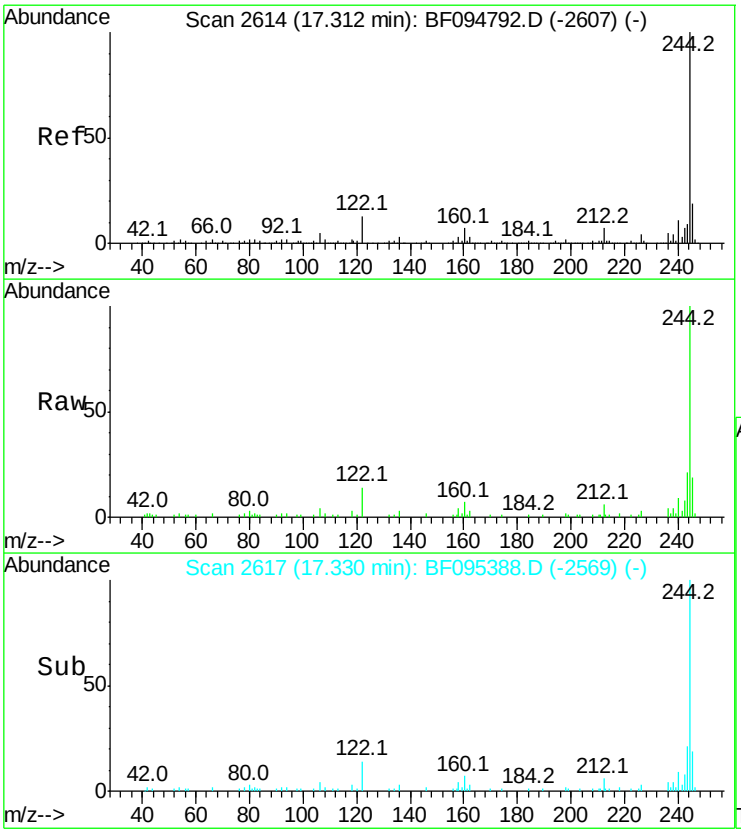
#77
Pyrene
Concen: 8.80 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 121966

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	20.7	14.4	21.6

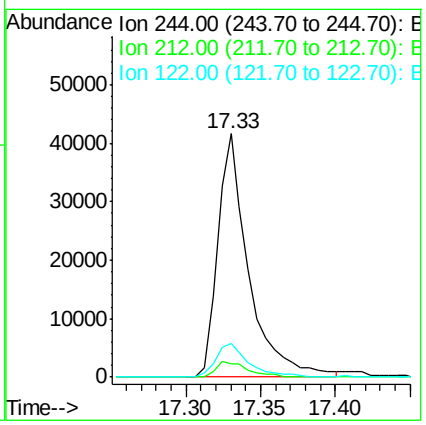


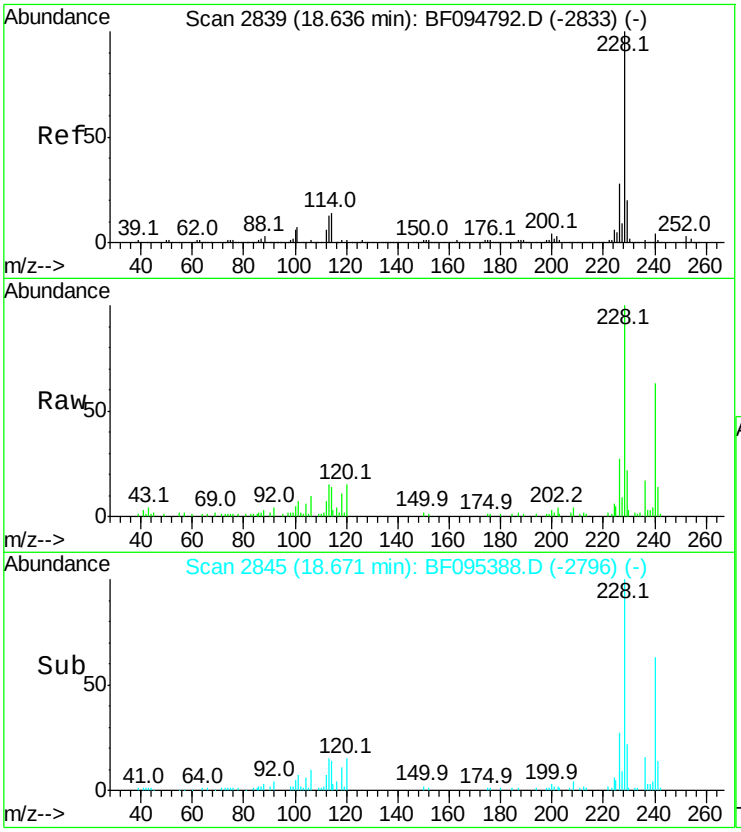


#78
Terphenyl-d14
Concen: 7.15 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:244 Resp: 60163

Ion	Ratio	Lower	Upper
244	100		
212	5.6	6.0	9.0#
122	14.0	10.3	15.5



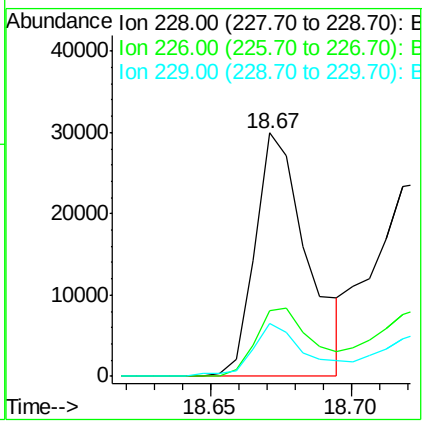


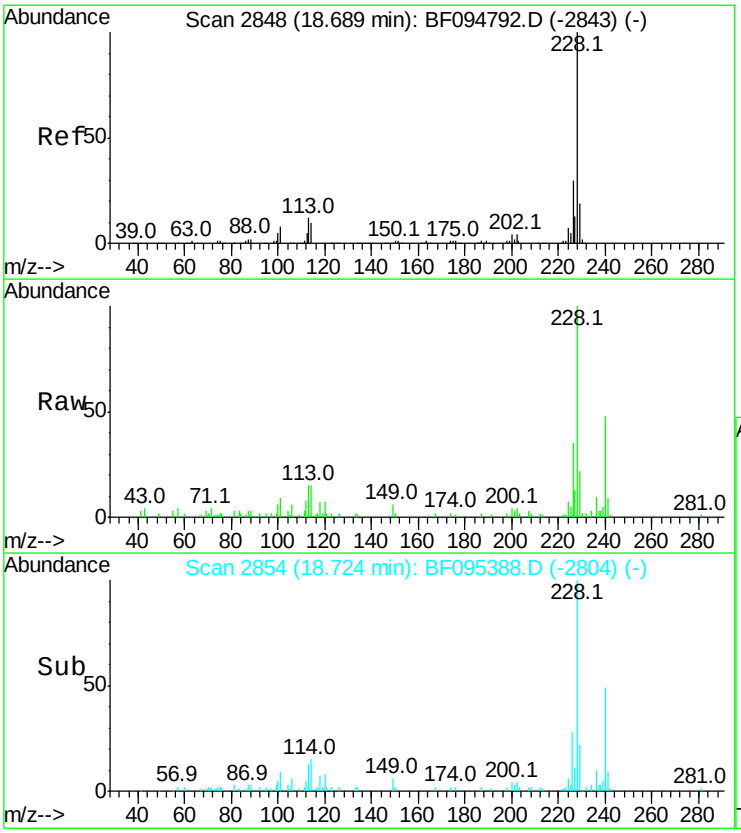
#80
Benzo(a)anthracene
Concen: 3.57 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 38532

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	21.6	16.3	24.5

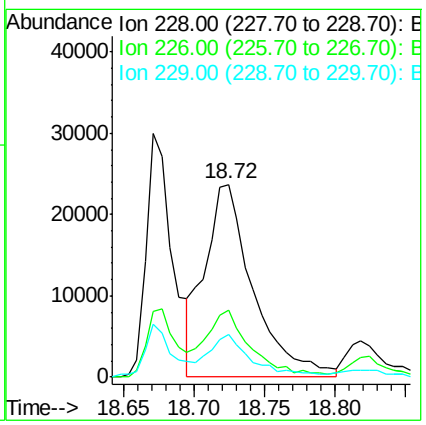


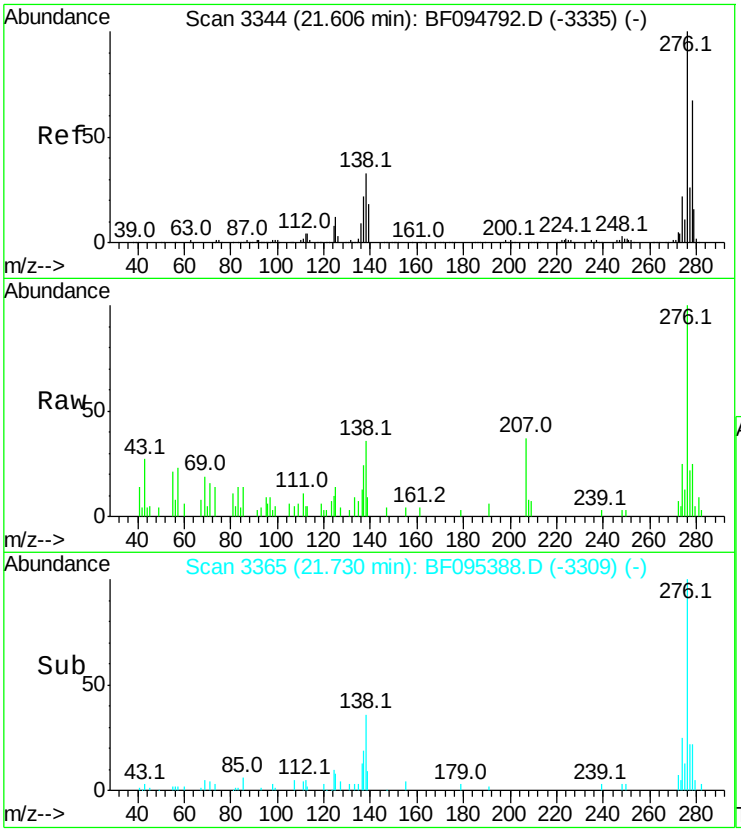


#82
Chrysene
Concen: 5.44 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:228 Resp: 56691

Ion	Ratio	Lower	Upper
228	100		
226	34.6	24.9	37.3
229	21.9	15.8	23.6



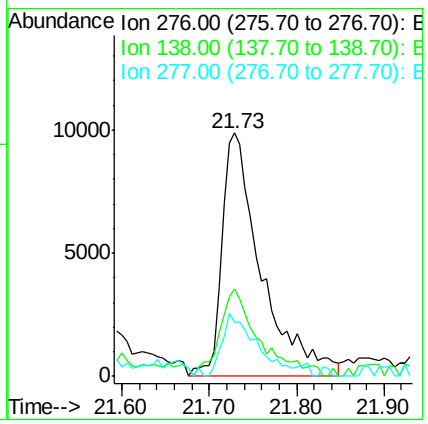


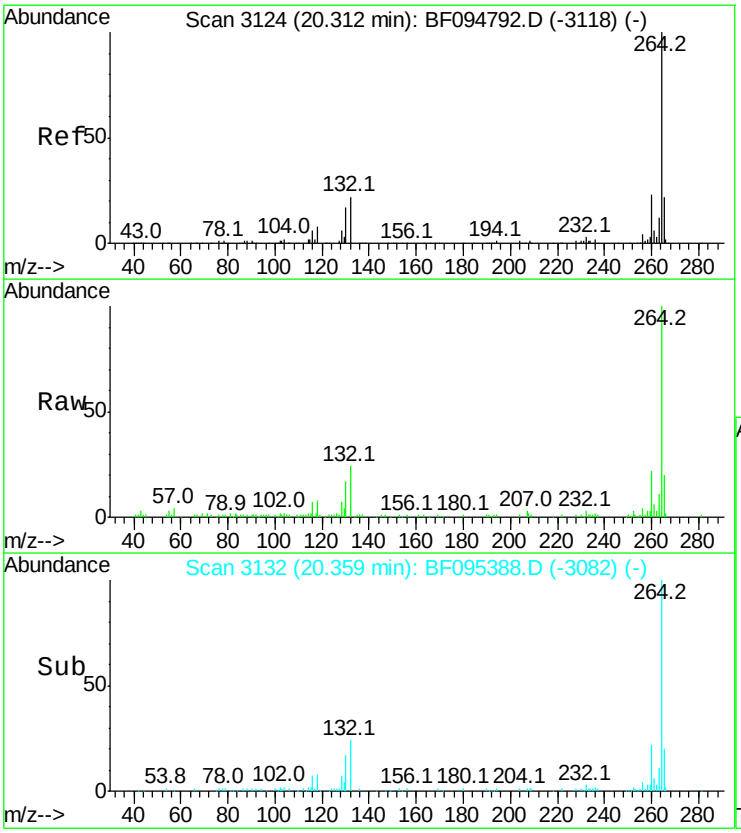
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.60 ng
RT: 21.73 min Scan# 3365
Delta R.T. 0.03 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 30438

Ion	Ratio	Lower	Upper
276	100		
138	36.1	27.8	41.6
277	22.3	20.2	30.4

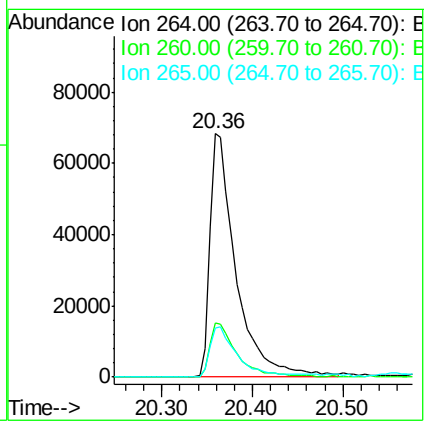


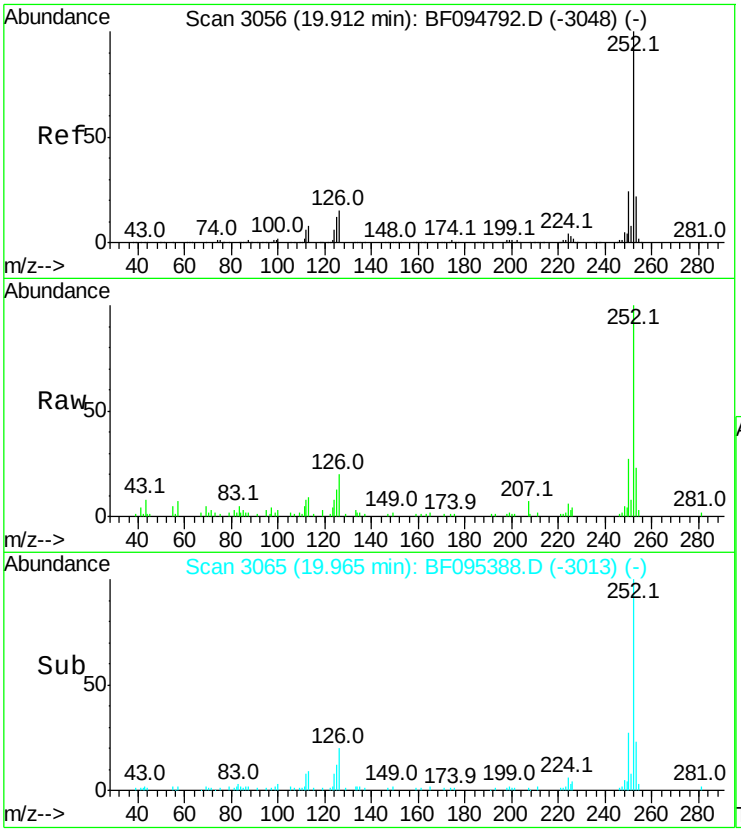


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:264 Resp: 137241

Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	19.9	17.2	25.8



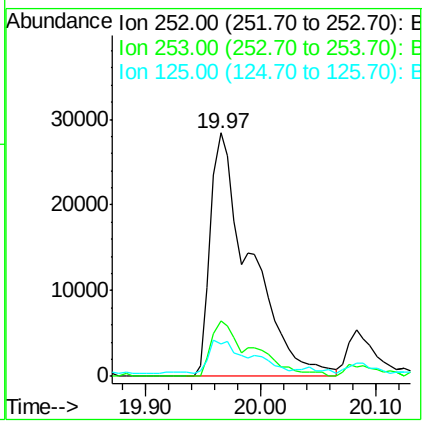


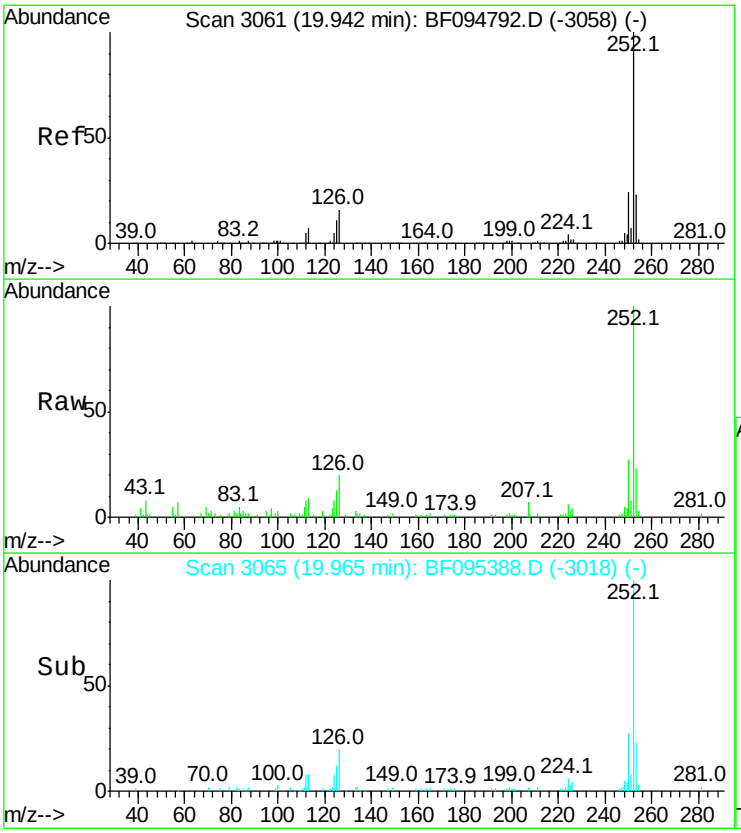
#87
Benzo(b)fluoranthene
Concen: 8.10 ng
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 68707

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	13.2	9.8	14.8

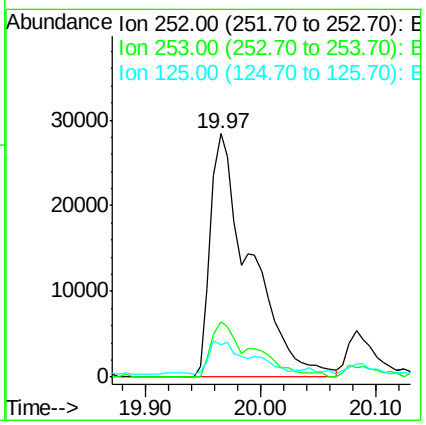


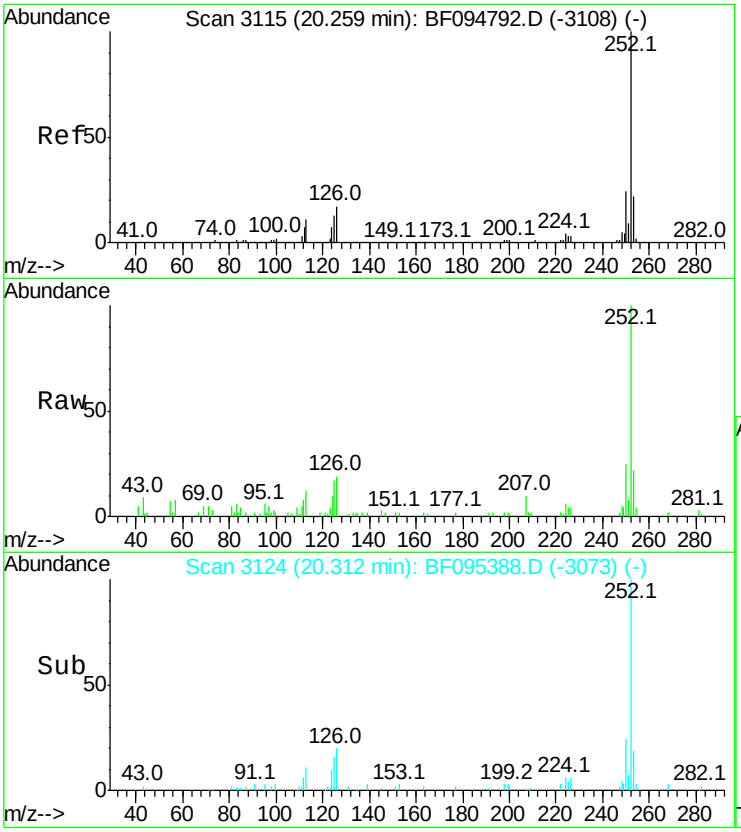


#88
Benzo(k)fluoranthene
Concen: 8.40 ng
RT: 19.97 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:252 Resp: 68707

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	13.2	13.1	19.7



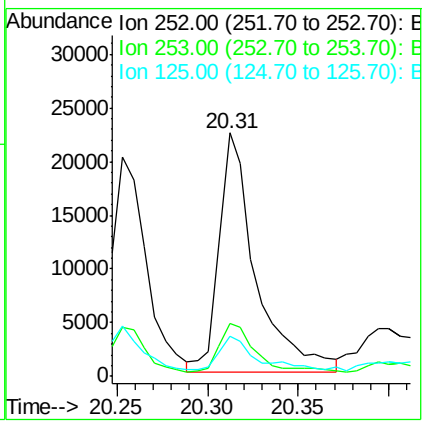


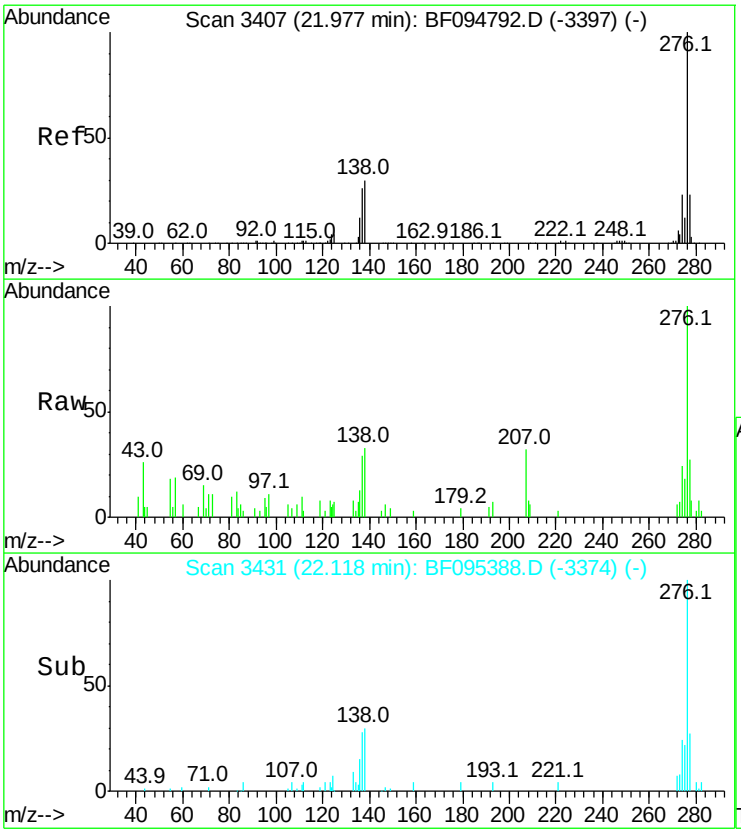
#89
Benzo(a)pyrene
Concen: 4.02 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 31426

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	16.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.06 ng
RT: 22.12 min Scan# 3431
Delta R.T. 0.04 min
Lab File: BF095388.D
Acq: 24 May 2017 14:42

Tgt Ion:276 Resp: 32081

Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.6	28.0
138	32.6	25.4	38.0