Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 06 01:40:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104152	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	419845	20.00	ng		0.00
38) Acenaphthene-d10	9.75	164	168802	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	272315	20.00	ng		0.00
75) Chrysene-d12	13.86	240	209192	20.00	ng		-0.01
86) Perylene-d12	15.27	264	164511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	804680	114.03	ng		0.00
7) Phenol-d6	6.35	99	987237	113.80	ng		0.00
23) Nitrobenzene-d5	7.27	82	554413	79.35	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	168009	127.42	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	933831	94.59	ng		0.00
78) Terphenyl-d14	12.82	244	589681	60.23	ng		0.00
Target Compounds							Qvalue
25) Isophorone	7.27	82	550627	40.65	ng	#	68
32) Benzoic acid	7.72	122	17438	3.14	ng		95
35) Caprolactam	8.43	113	6936	3.53	ng	#	1
49) Dimethylphthalate	9.47	163	192867	15.31	ng	#	96
66) 4-Bromophenyl-phenylether	10.53	248	10909	4.12	ng	#	1
70) Phenanthrene	11.25	178	83191	5.65	ng		97
74) Fluoranthene	12.43	202	142080	9.84	ng		97
77) Pyrene	12.66	202	132295	7.88	ng		99
80) Benzo(a)anthracene	13.85	228	55962	4.62	ng		97
82) Chrysene	13.88	228	58557	4.62	ng		96
85) Indeno(1,2,3-cd)pyrene	16.62	276	20685	2.07	ng	#	90
87) Benzo(b)fluoranthene	14.87	252	77914	7.56	ng	#	95
88) Benzo(k)fluoranthene	14.87	252	77914	8.45	ng		98
89) Benzo(a)pyrene	15.21	252	36370	3.95	ng	#	92
91) Benzo(g,h,i)perylene	17.03	276	19962	2.66	ng		96

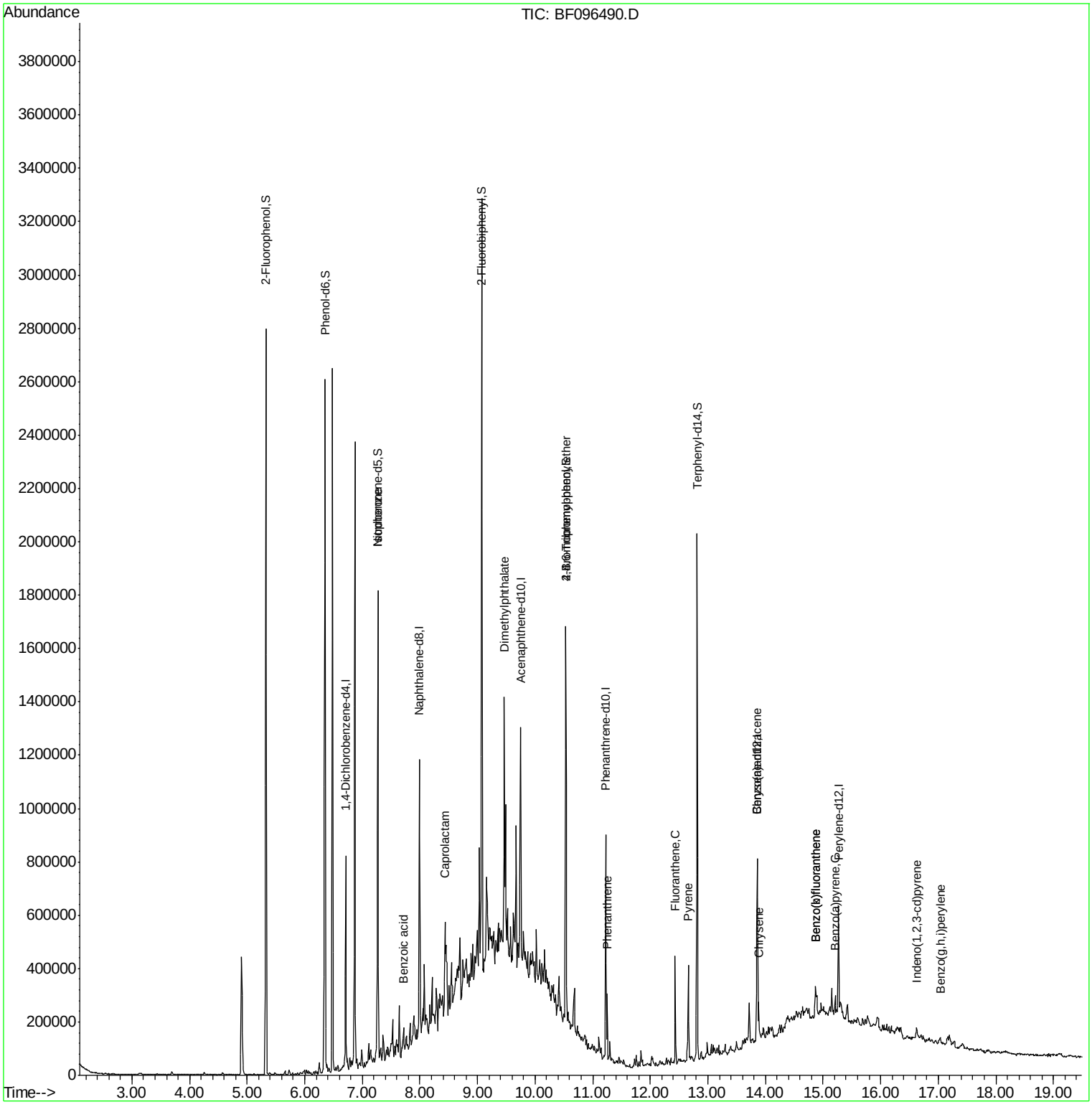
(#) = qualifier out of range (m) = manual integration (+) = signals summed

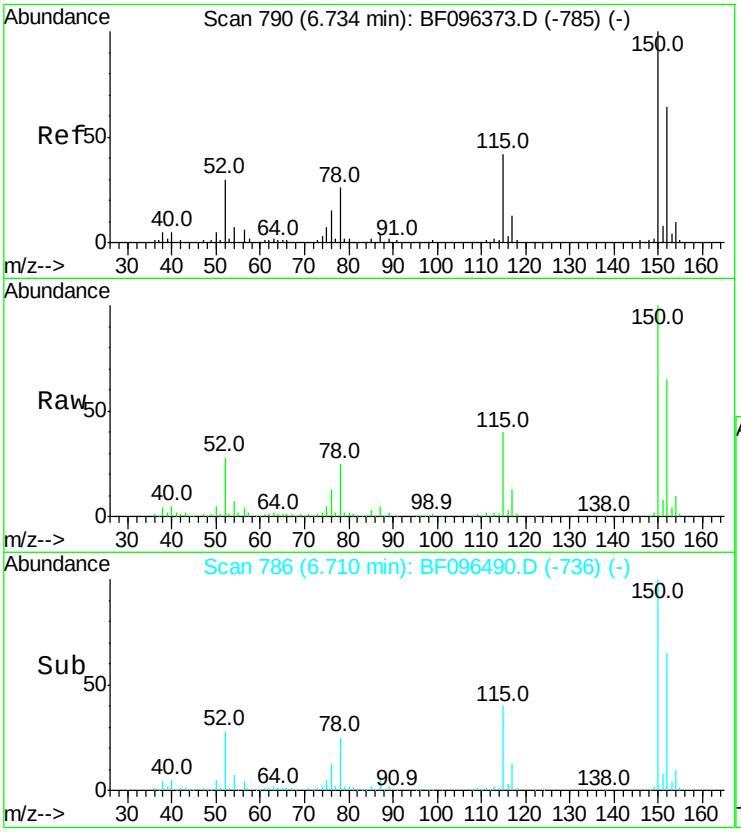
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
Data File : BF096490.D
Acq On : 5 Jul 2017 18:05
Operator : SJ/MA
Sample : I3876-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 06 01:40:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 13:27:10 2017
Response via : Initial Calibration



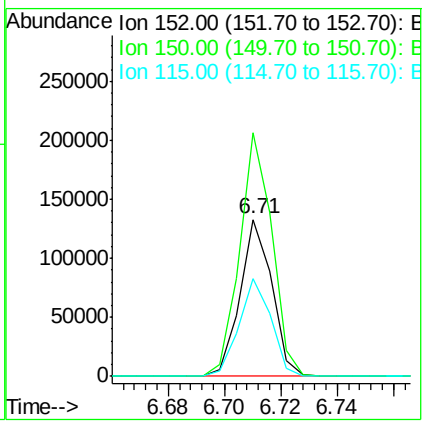


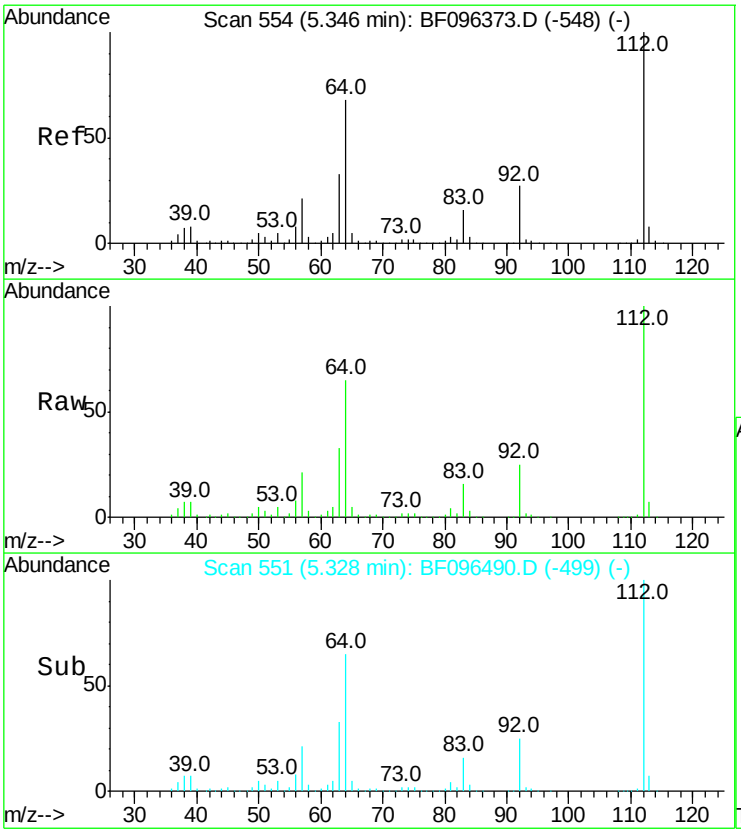
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 104152

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.2
115	61.8	52.2	78.2

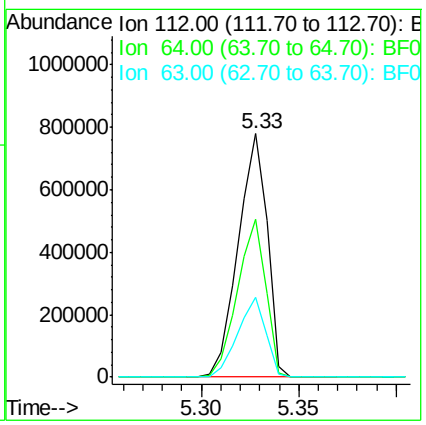


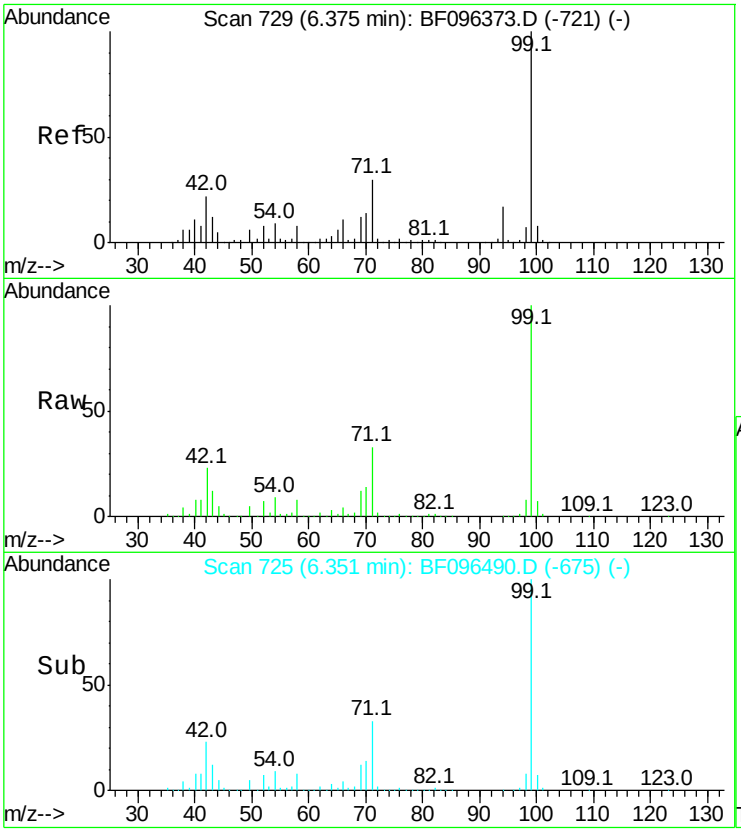


#5
2-Fluorophenol
Concen: 114.03 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:112 Resp: 804680

Ion	Ratio	Lower	Upper
112	100		
64	64.6	46.0	69.0
63	32.8	23.4	35.0



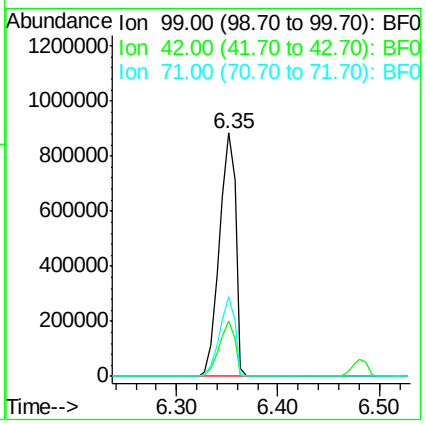


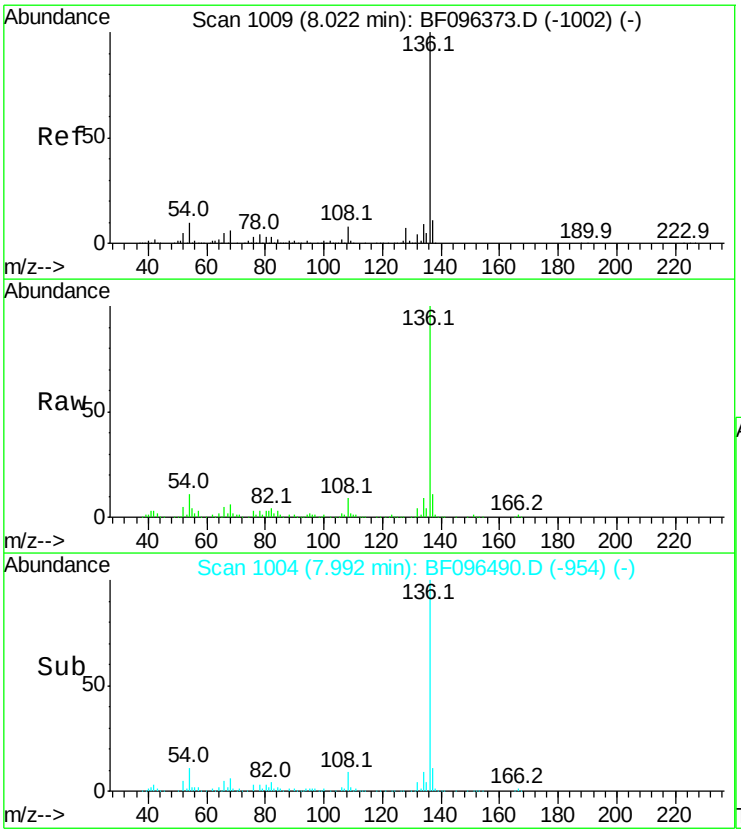
#7
Phenol-d6
Concen: 113.80 ng
RT: 6.35 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 987237

Ion	Ratio	Lower	Upper
99	100		
42	22.6	13.5	20.3#
71	32.8	24.5	36.7

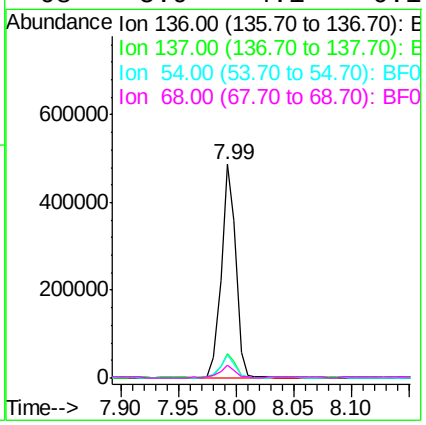


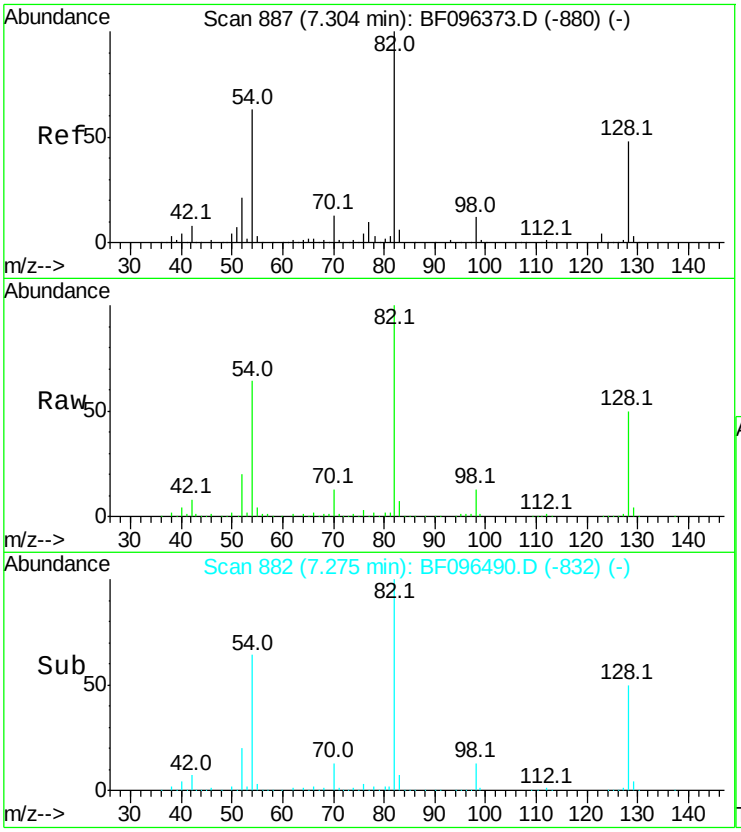


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:136 Resp: 419845

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.7	4.9	7.3#
68	5.9	4.1	6.1



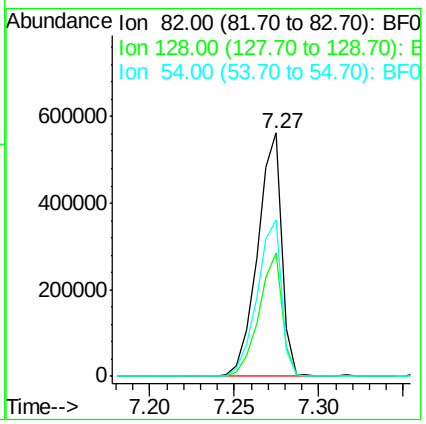


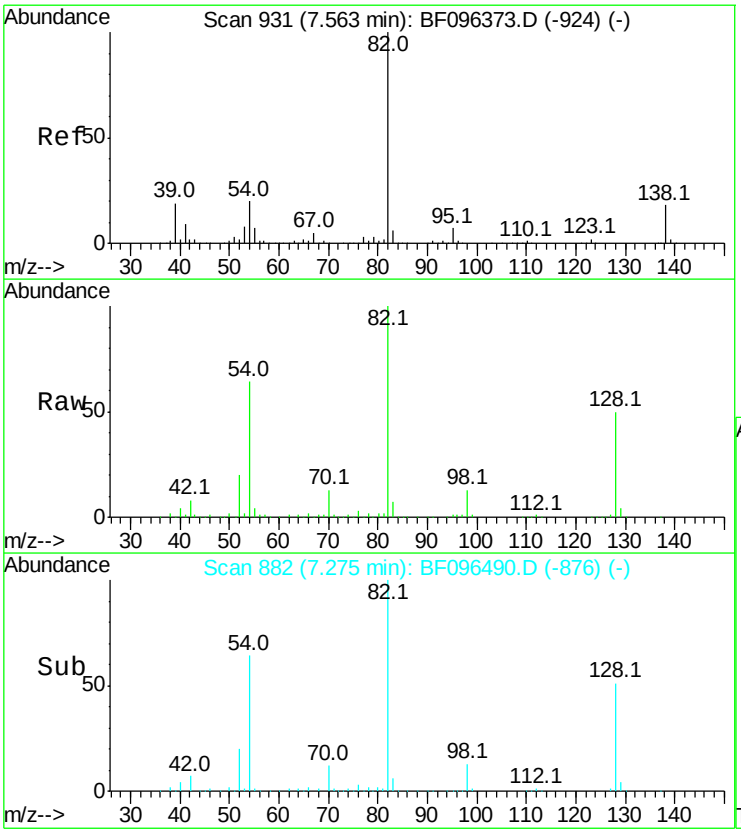
#23
Nitrobenzene-d5
Concen: 79.35 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 554413

Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.0	51.0
54	64.2	42.2	63.2#

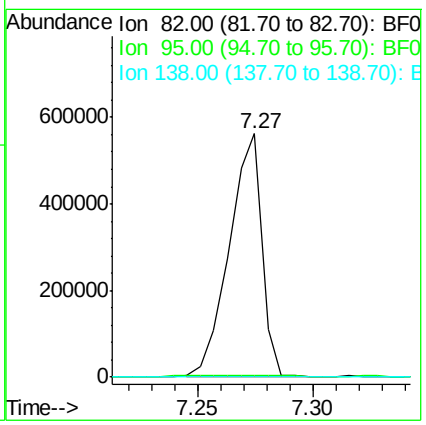


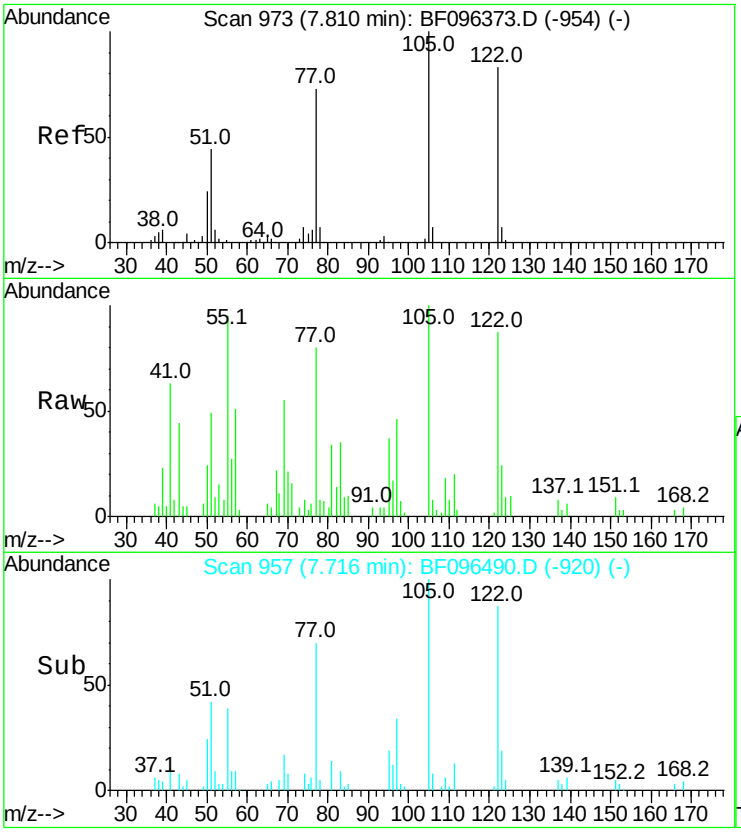


#25
Isophorone
Concen: 40.65 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion: 82 Resp: 550627

Ion	Ratio	Lower	Upper
82	100		
95	0.6	5.3	7.9#
138	0.0	13.1	19.7#



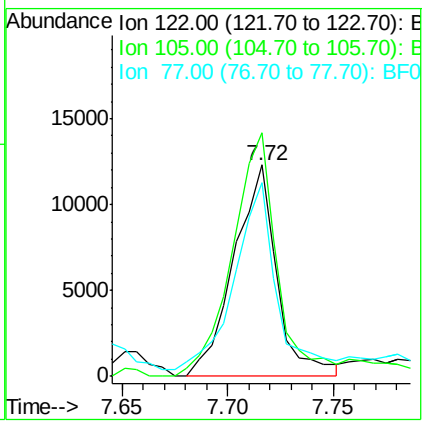


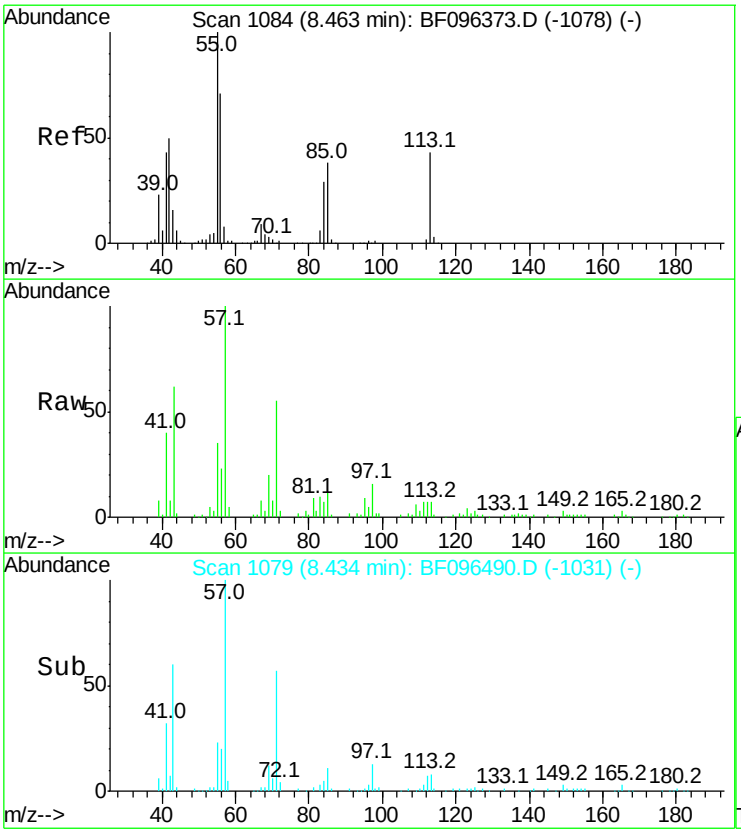
#32
Benzoic acid
Concen: 3.14 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.08 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 17438

Ion	Ratio	Lower	Upper
122	100		
105	115.3	103.3	143.3
77	91.7	73.7	113.7

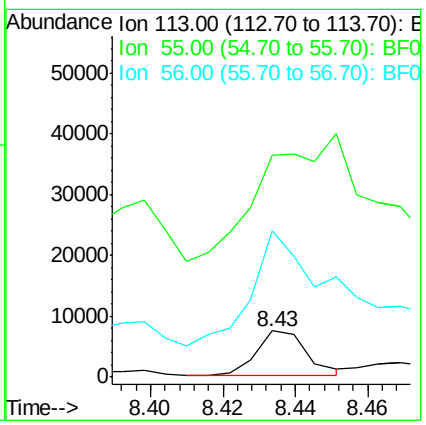


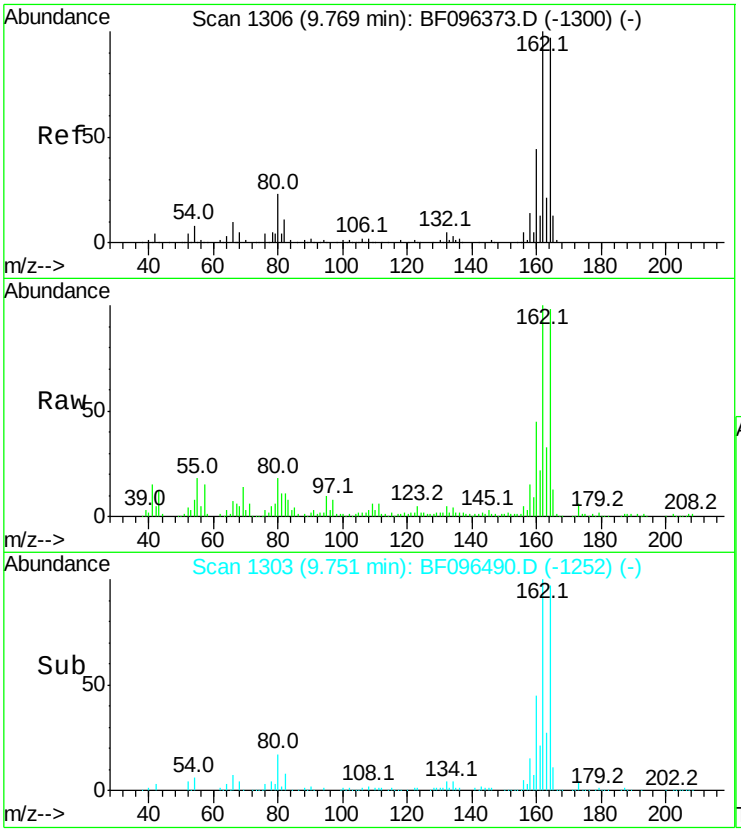


#35
Caprolactam
Concen: 3.53 ng
RT: 8.43 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:113 Resp: 6936

Ion	Ratio	Lower	Upper
113	100		
55	481.3	150.2	190.2#
56	317.4	107.8	147.8#



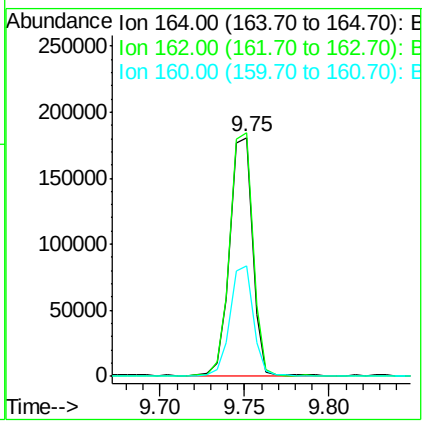


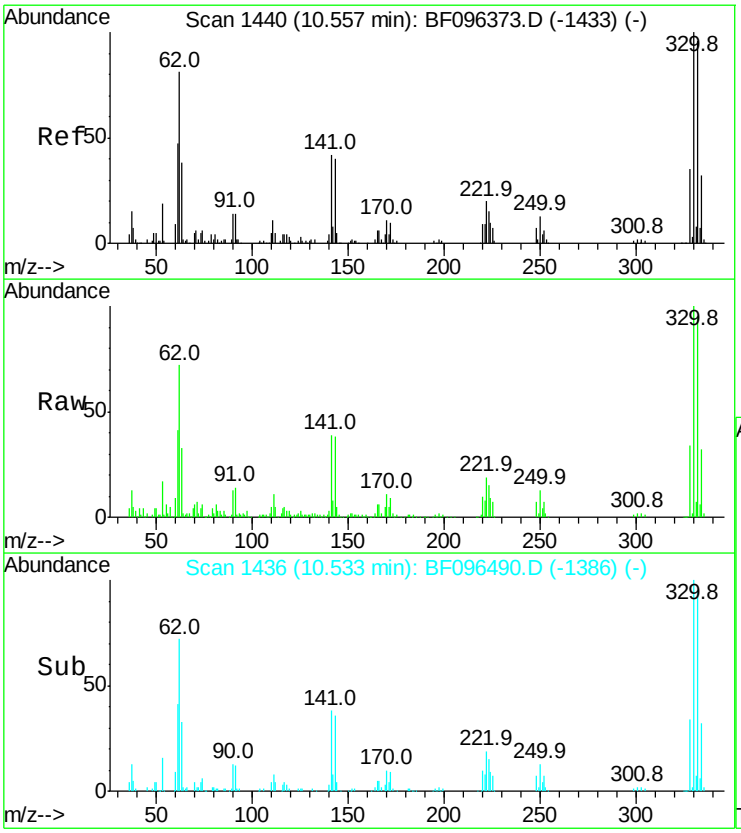
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 168802

Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	46.0	36.2	54.2

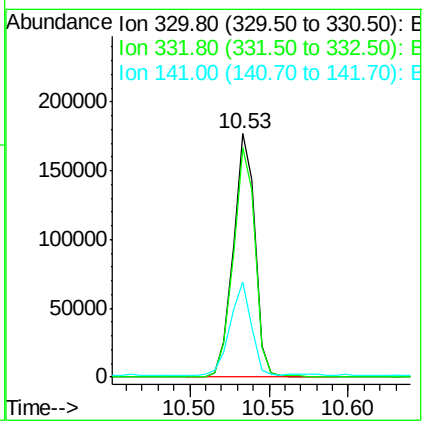


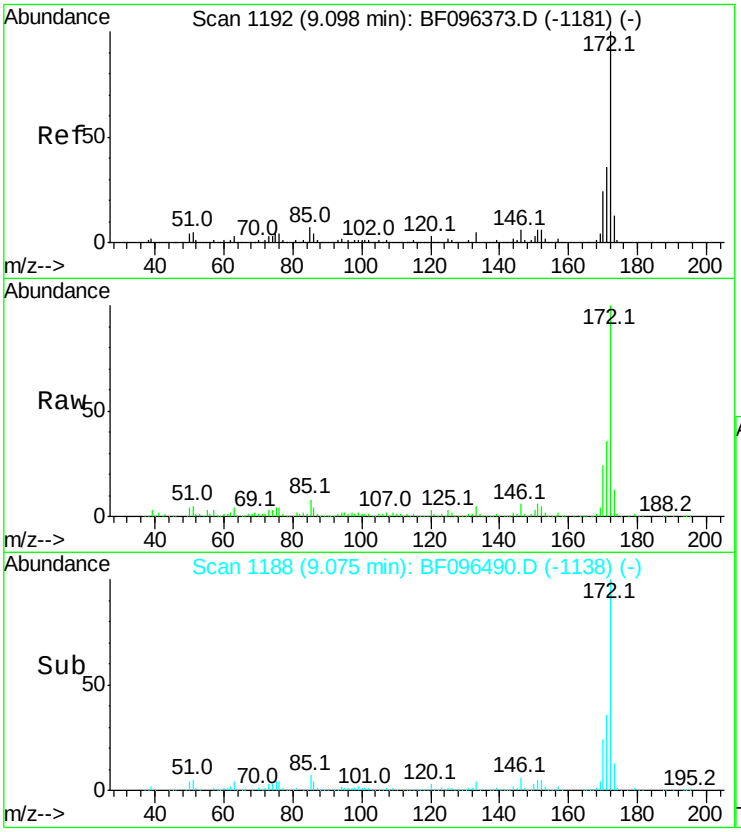


#41
2,4,6-Tribromophenol
Concen: 127.42 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:330 Resp: 168009

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	115.0
141	37.3	31.4	47.2



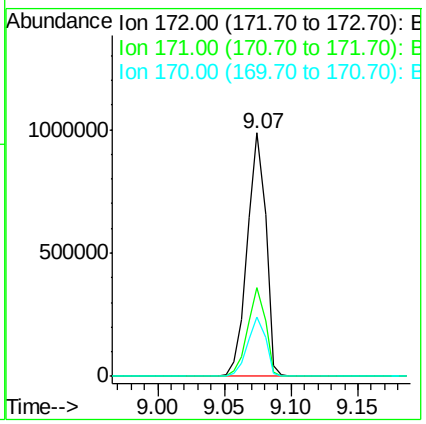


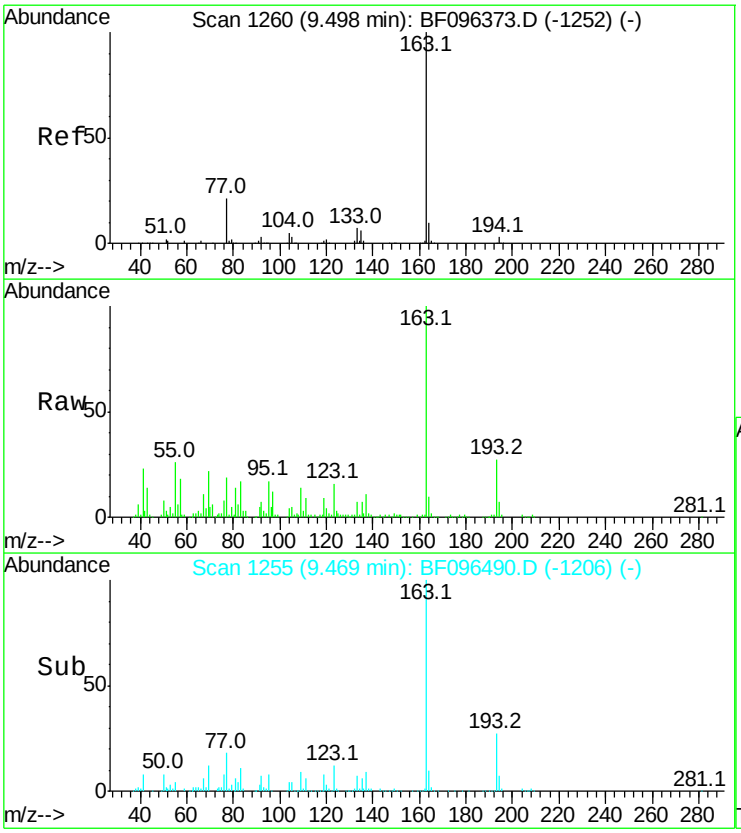
#44
2-Fluorobiphenyl
Concen: 94.59 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 933831

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8

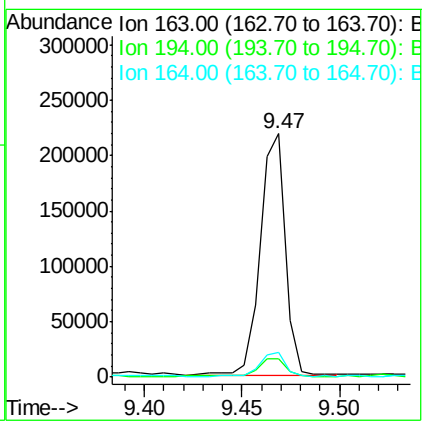


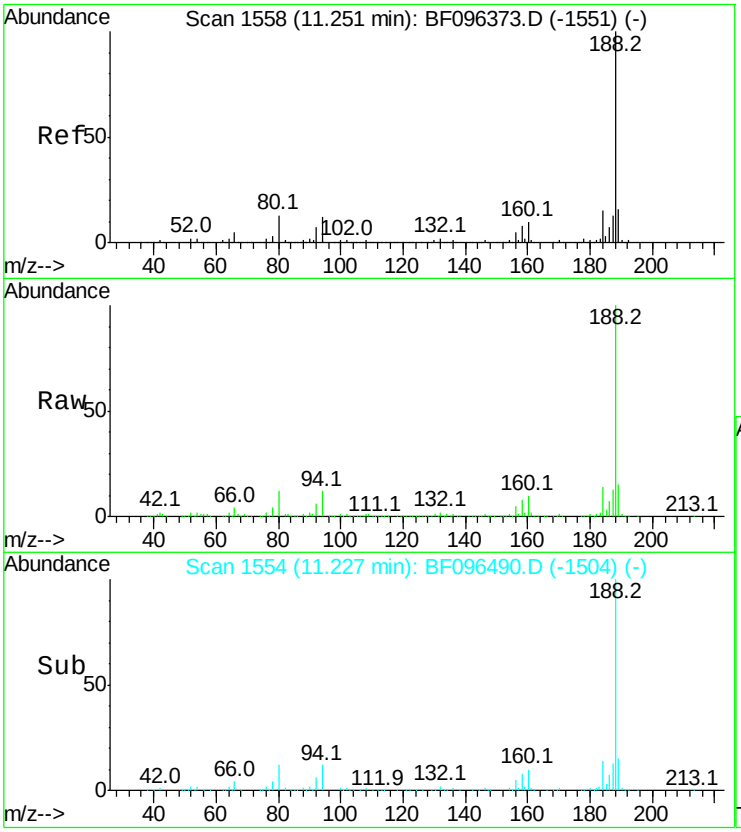


#49
Dimethylphthalate
Concen: 15.31 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:163 Resp: 192867

Ion	Ratio	Lower	Upper
163	100		
194	7.3	2.6	4.0#
164	9.9	8.4	12.6



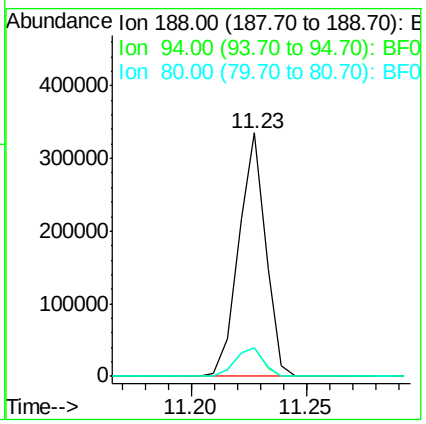


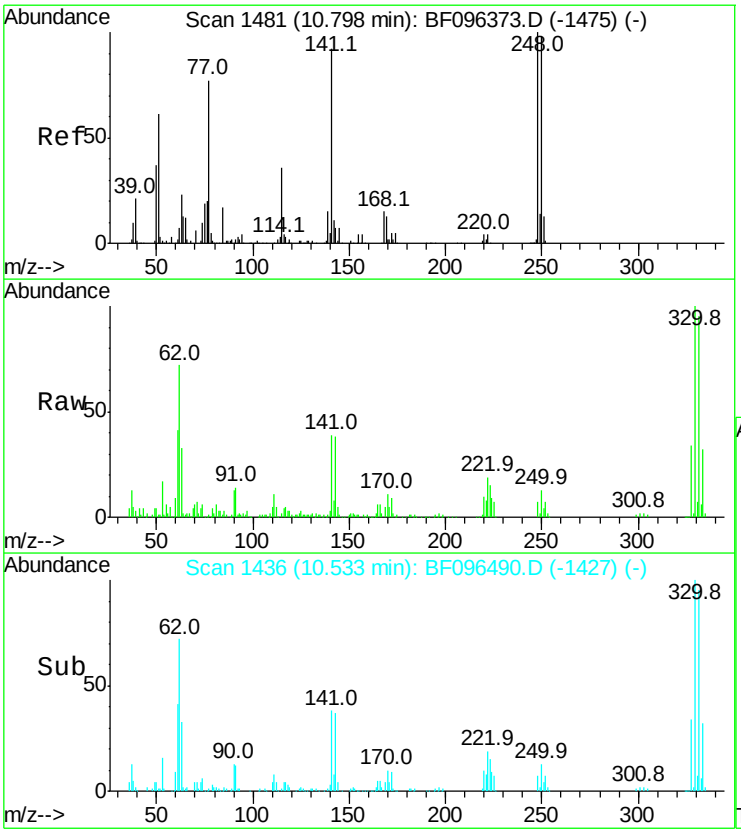
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 272315

Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	11.9	10.2	15.2

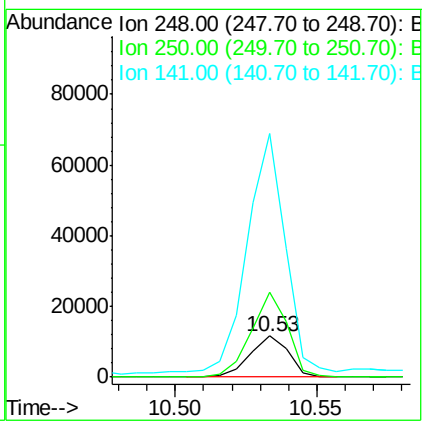


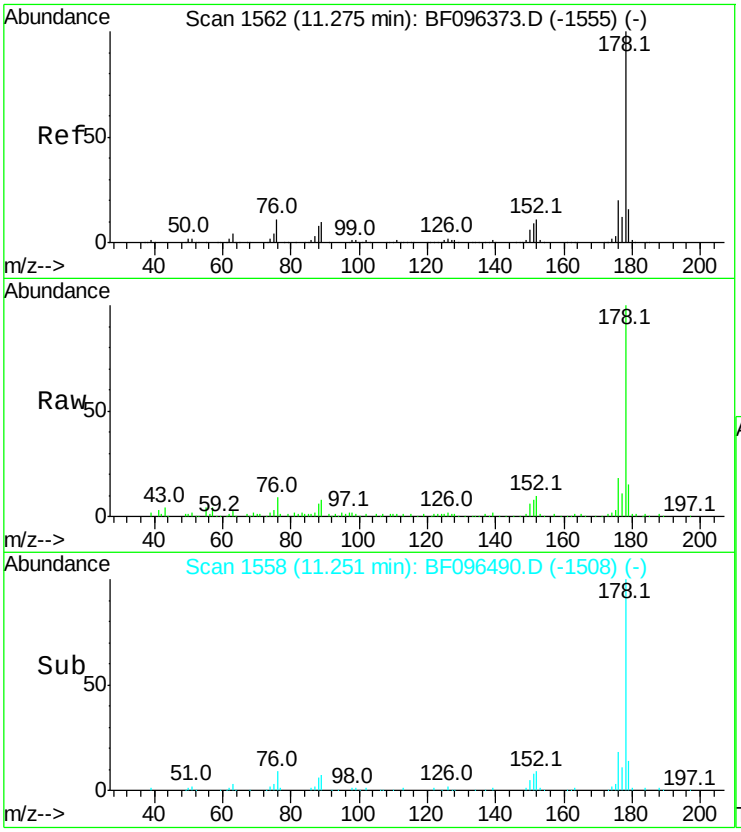


#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.25 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:248 Resp: 10909

Ion	Ratio	Lower	Upper
248	100		
250	205.2	76.8	115.2#
141	592.0	68.6	103.0#



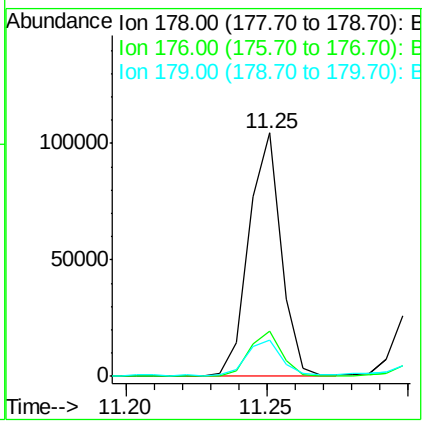


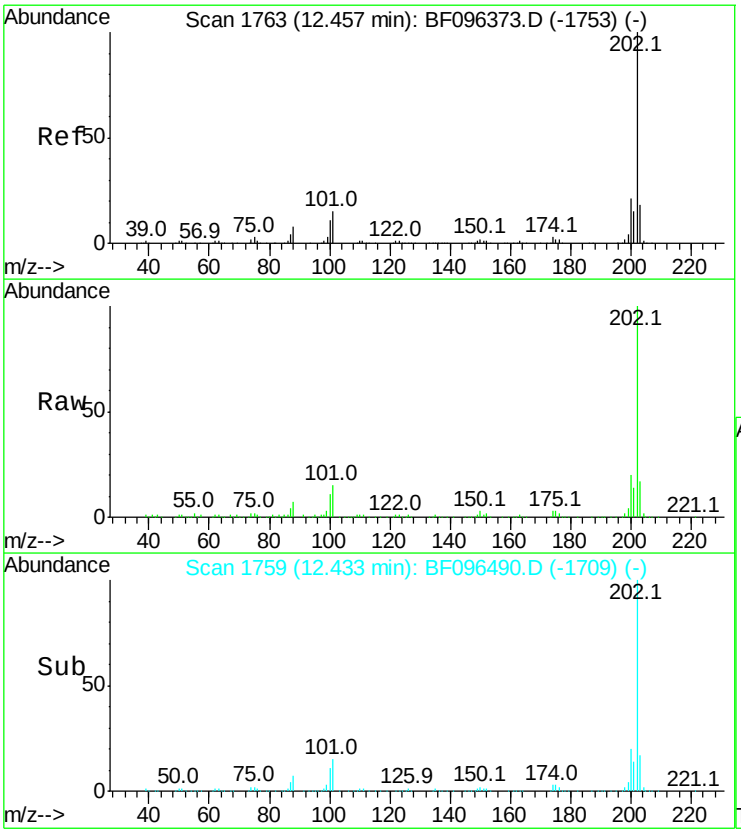
#70
Phenanthrene
Concen: 5.65 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 83191

Ion	Ratio	Lower	Upper
178	100		
176	18.3	16.2	24.4
179	14.9	12.6	19.0

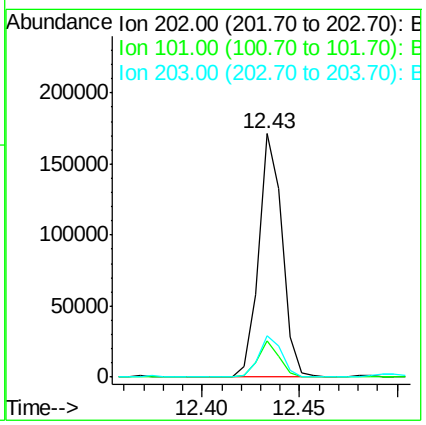


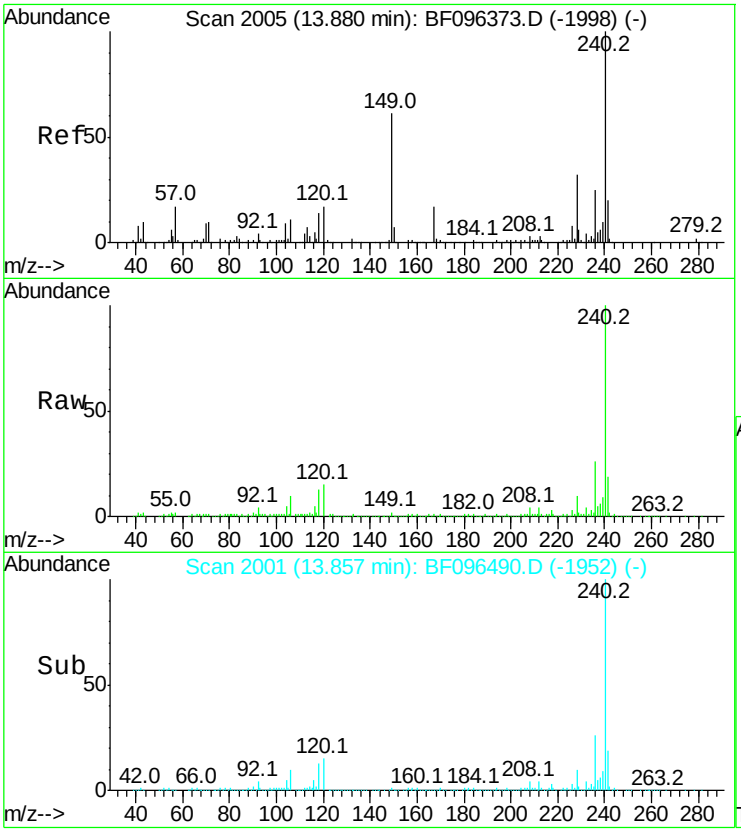


#74
Fluoranthene
Concen: 9.84 ng
RT: 12.43 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:202 Resp: 142080

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	16.8	0.0	38.1



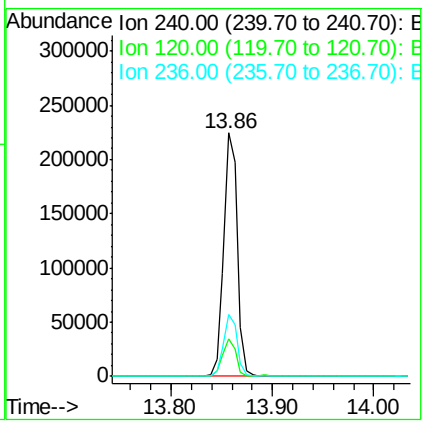


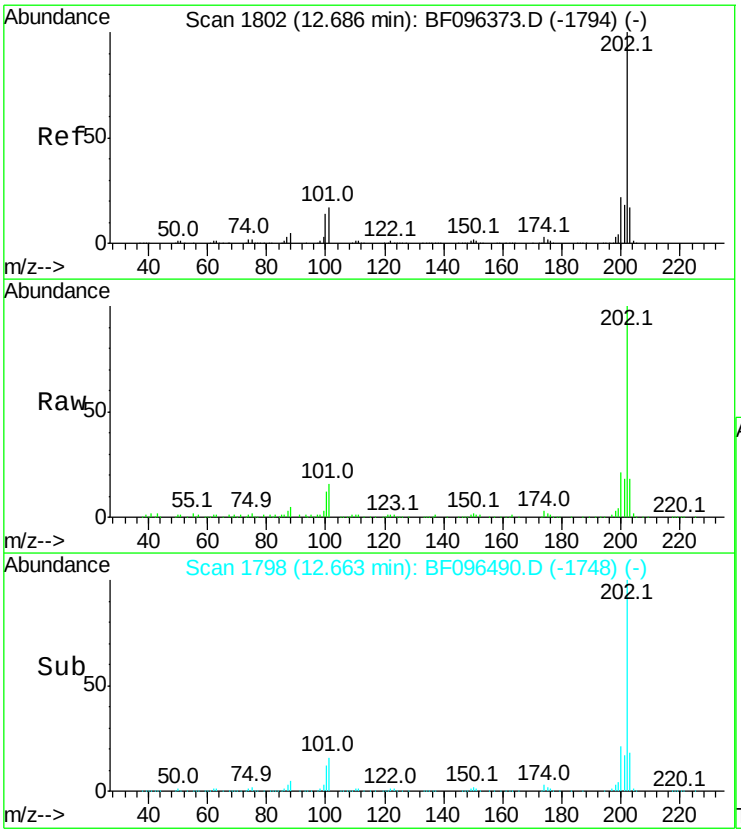
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 209192

Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	25.5	20.5	30.7

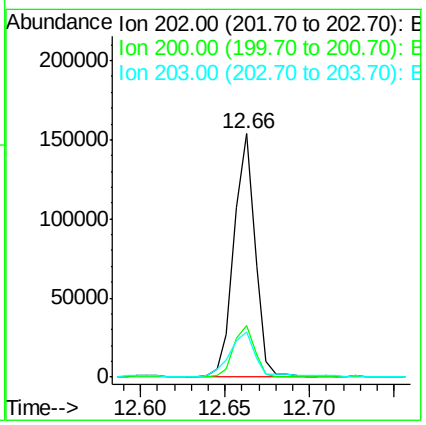


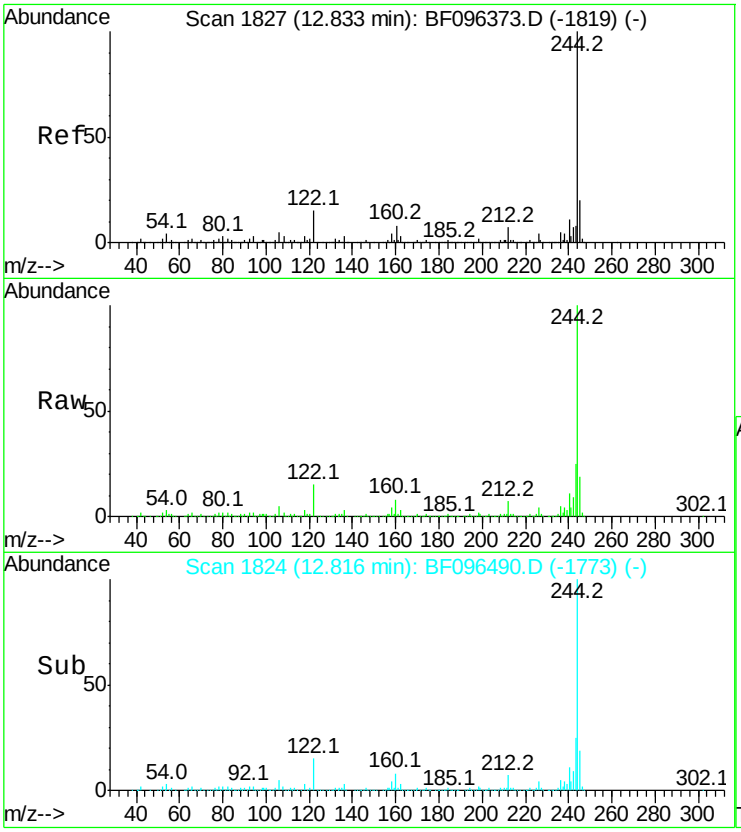


#77
Pyrene
Concen: 7.88 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:202 Resp: 132295

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	18.3	14.4	21.6



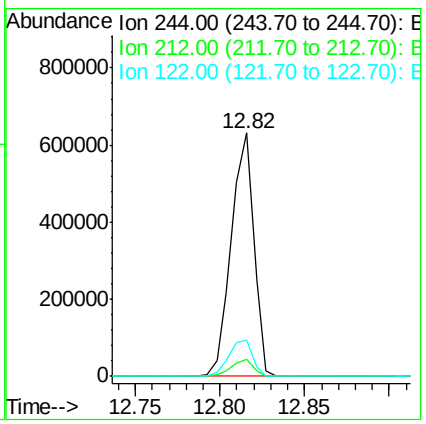


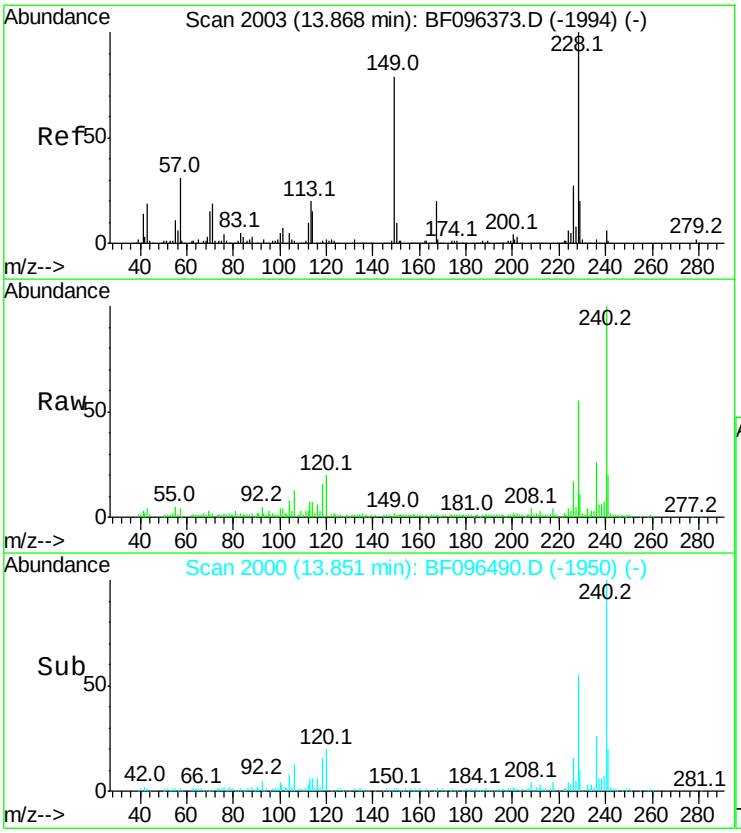
#78
Terphenyl-d14
Concen: 60.23 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 589681

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.7	10.3	15.5

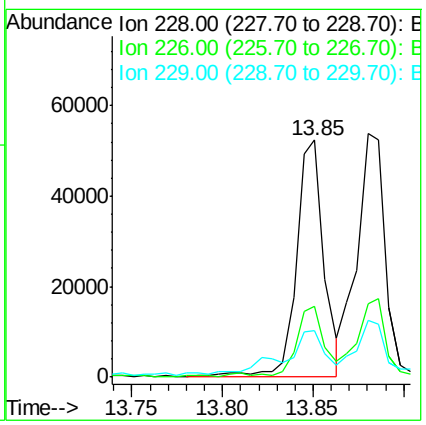


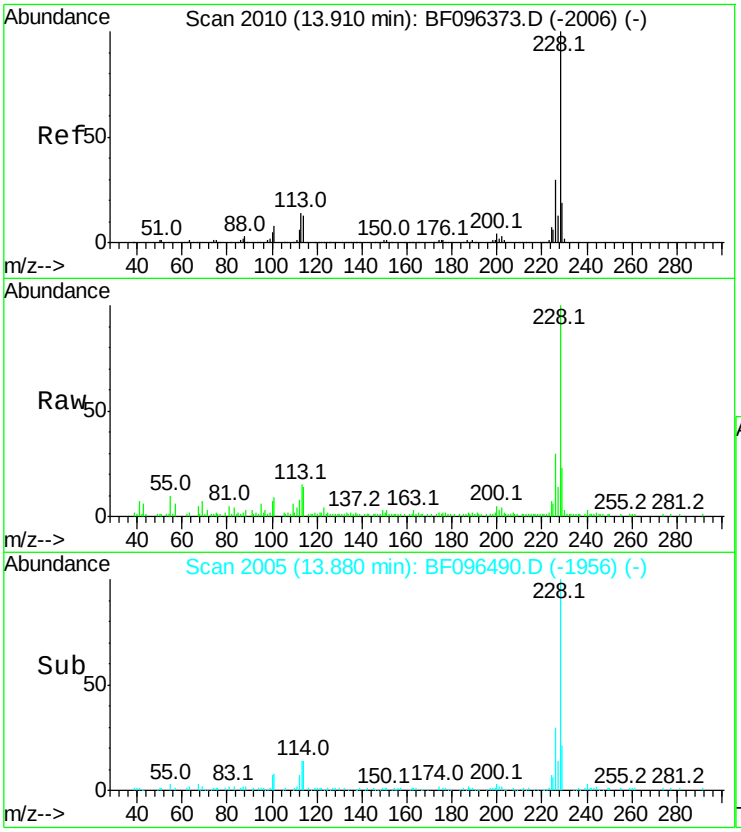


#80
Benzo(a)anthracene
Concen: 4.62 ng
RT: 13.85 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:228 Resp: 55962

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	33.8
229	19.5	16.3	24.5



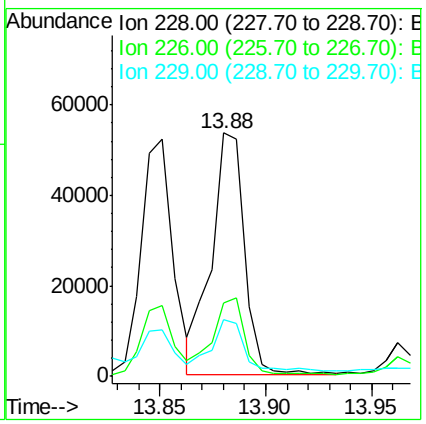


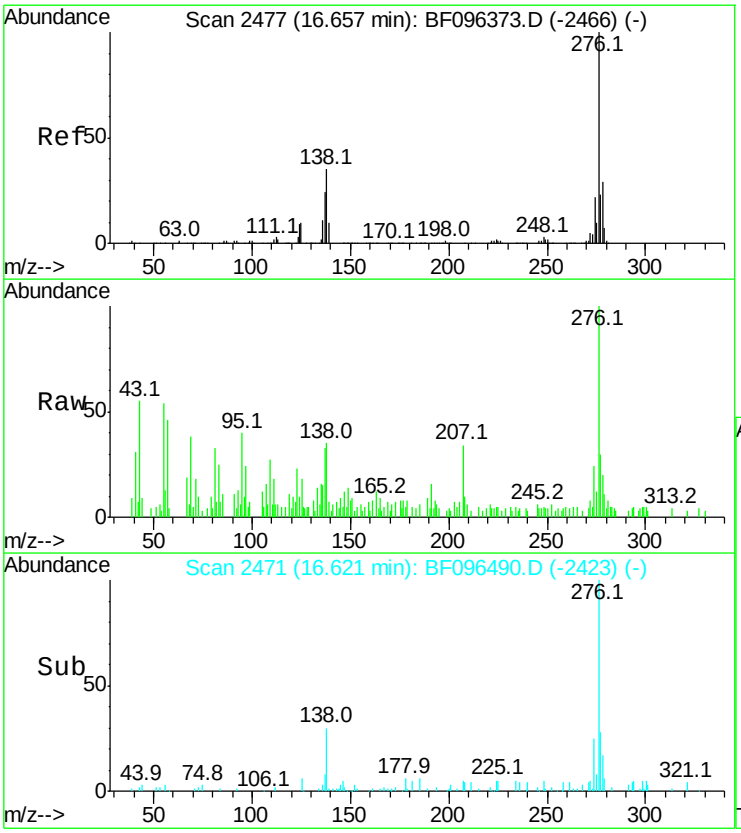
#82
Chrysene
Concen: 4.62 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 58557

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	23.2	15.8	23.6

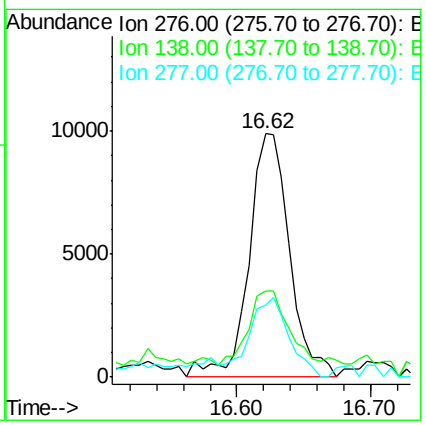


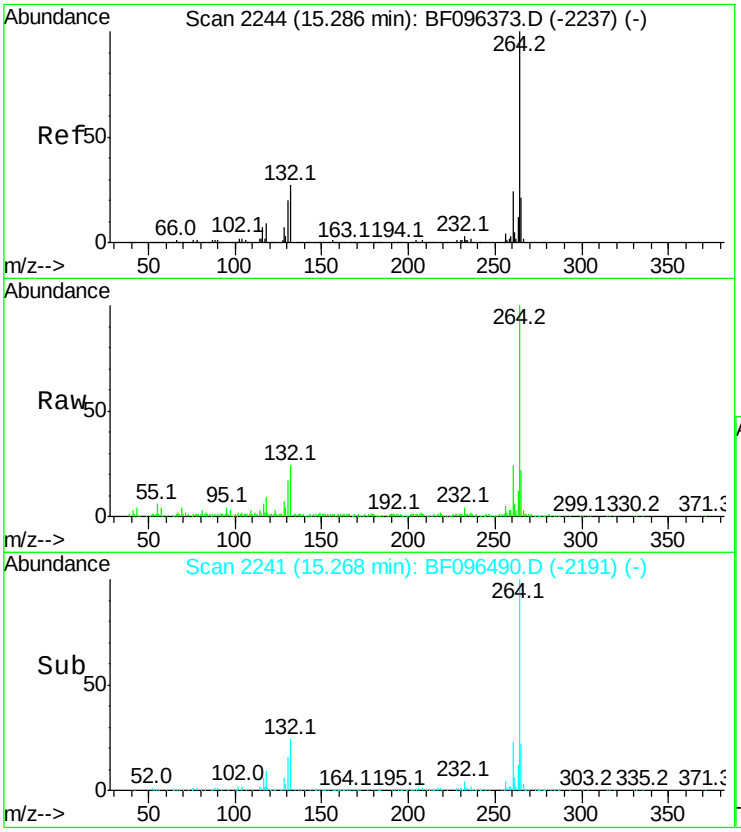


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.07 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.02 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:276 Resp: 20685

Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	31.6	20.2	30.4#



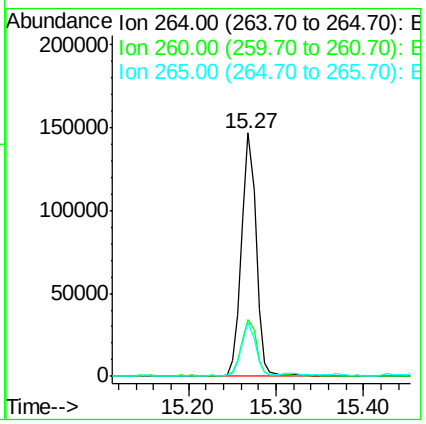


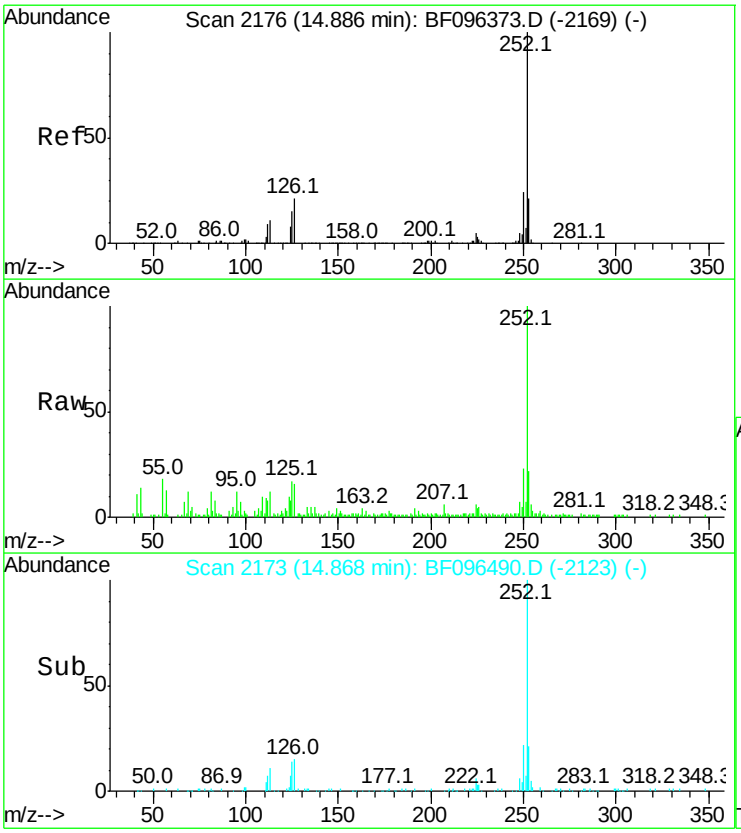
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 164511

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.3	17.2	25.8

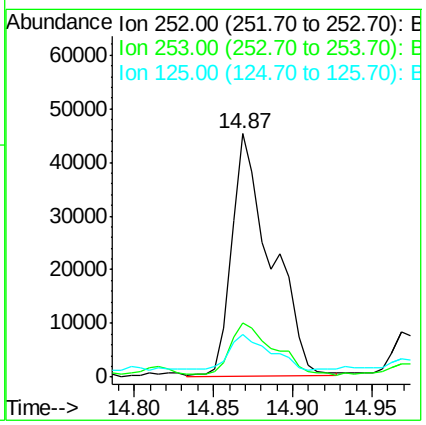


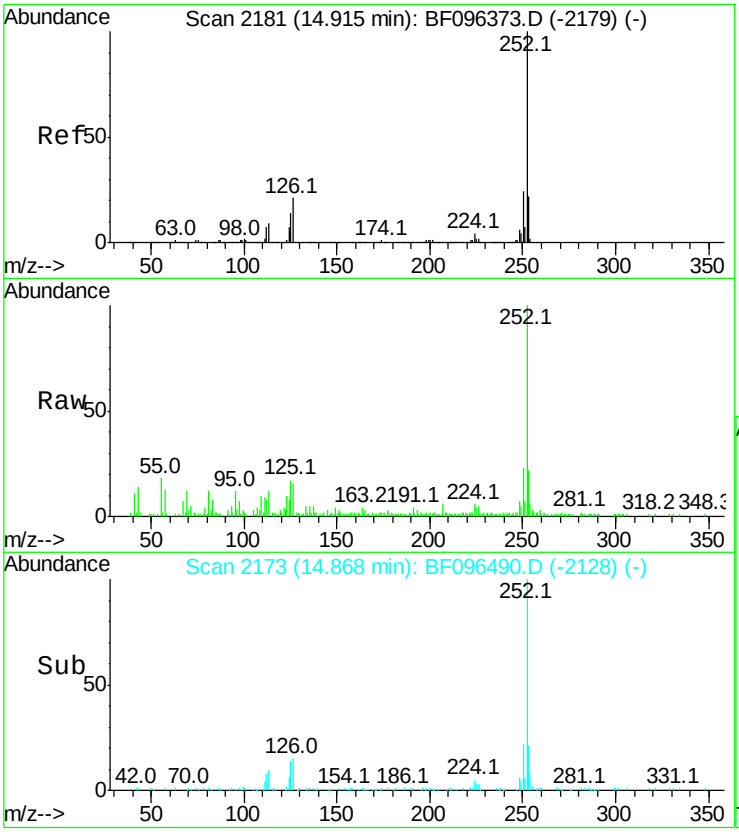


#87
Benzo(b)fluoranthene
Concen: 7.56 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:252 Resp: 77914

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	17.4	9.8	14.8#



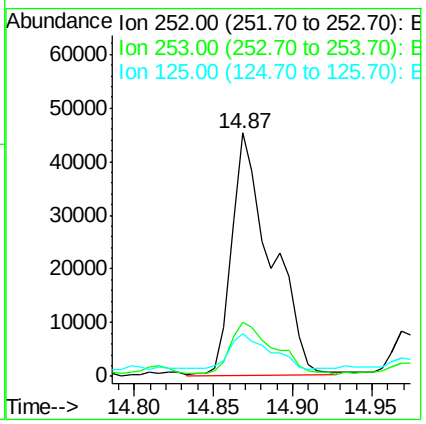


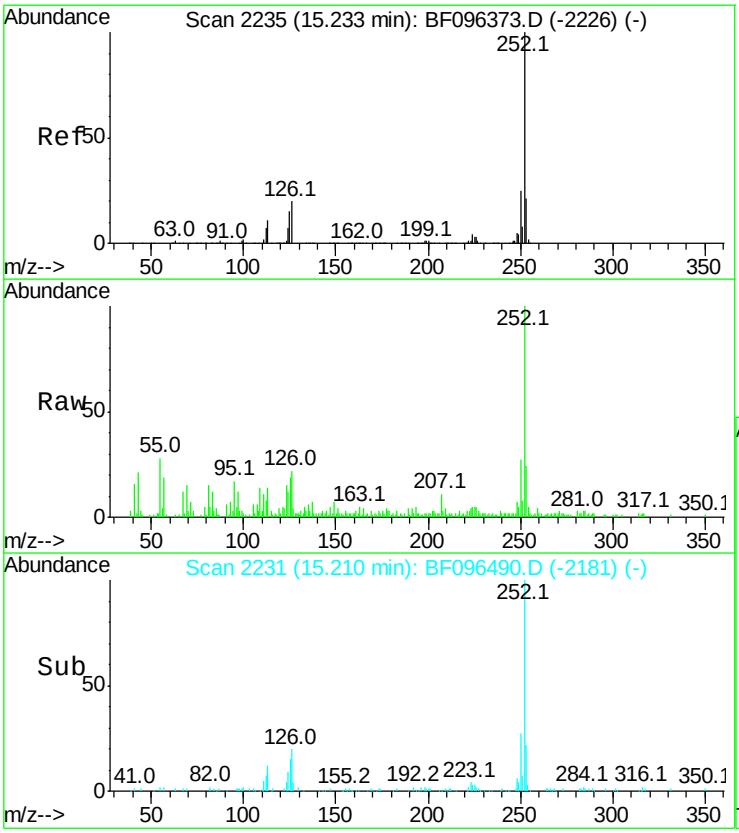
#88
Benzo(k)fluoranthene
Concen: 8.45 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.04 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 77914

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	17.4	13.1	19.7

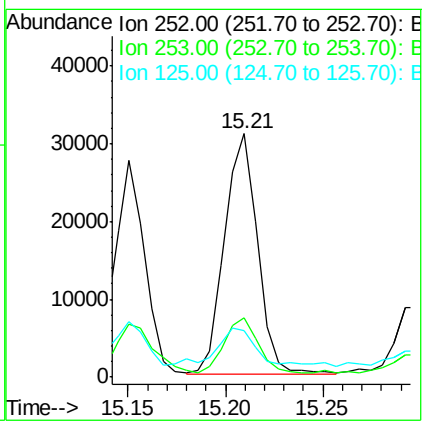


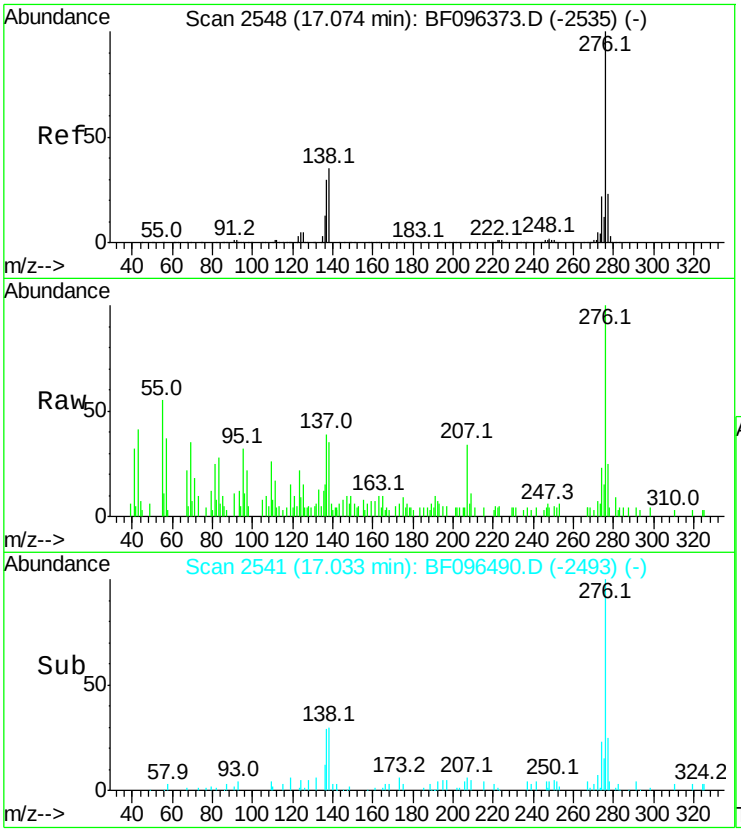


#89
Benzo(a)pyrene
Concen: 3.95 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Tgt Ion:252 Resp: 36370

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.5	26.3
125	19.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 17.03 min Scan# 2541
Delta R.T. -0.02 min
Lab File: BF096490.D
Acq: 5 Jul 2017 18:05

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 19962

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	34.7	25.4	38.0