Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
Data File : BF096762.D
Acq On : 14 Jul 2017 7:23
Operator : SJ/JU
Sample : I4149-01
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OR-01-071117

Quant Time: Jul 14 08:09:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	108412	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	399816	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	132403	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	215348	20.00	ng		0.00
75) Chrysene-d12	13.79	240	162349	20.00	ng		0.01
86) Perylene-d12	15.17	264	107808	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	545503	75.66	ng		0.01
7) Phenol-d6	6.28	99	636201	73.53	ng		0.00
23) Nitrobenzene-d5	7.20	82	291787	45.20	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	83028	73.46	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	476648	56.88	ng		0.00
78) Terphenyl-d14	12.74	244	333169	35.59	ng		0.01
Target Compounds							Qvalue
25) Isophorone	7.20	82	284671	23.71	ng	#	67
35) Caprolactam	8.36	113	3717	2.10	ng	#	1
49) Dimethylphthalate	9.39	163	140075	14.05	ng		99
53) 2,4-Dinitrophenol	9.94	184	107	6.83	ng	#	4
57) Fluorene	10.22	166	16307	2.00	ng	#	95
60) 4-Chlorophenyl-phenylether	10.16	204	248	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.46	248	5068	2.31	ng	#	1
70) Phenanthrene	11.17	178	91347	7.80	ng		97
71) Anthracene	11.22	178	28261	2.39	ng		96
74) Fluoranthene	12.59	202	127365	11.36	ng		95
77) Pyrene	12.59	202	127492	8.65	ng		98
80) Benzo(a)anthracene	13.77	228	45921	4.54	ng		92
82) Chrysene	13.77	228	45921	4.61	ng		95
85) Indeno(1,2,3-cd)pyrene	16.50	276	18678	5.28	ng		95
87) Benzo(b)fluoranthene	14.79	252	57910	8.91	ng	#	64
88) Benzo(k)fluoranthene	14.79	252	57910	9.41	ng	#	69
89) Benzo(a)pyrene	15.12	252	30184	5.06	ng	#	64
91) Benzo(g,h,i)perylene	16.90	276	21955	3.74	ng	#	86

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

Quantitation Report (Not Reviewed)

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ALS Vial : 42 Sample Multiplier: 1

Instrument :
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OR-01-071117

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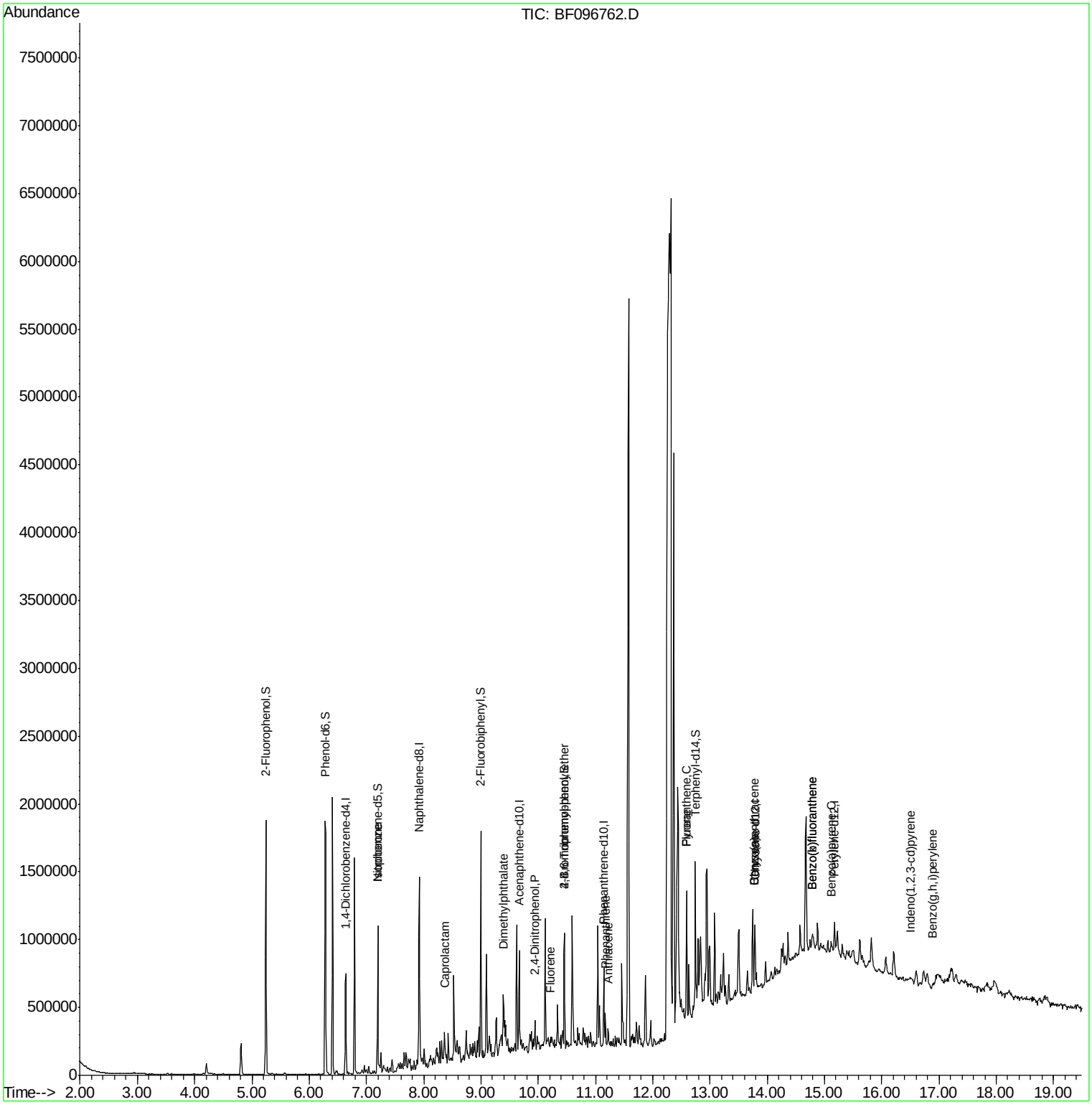
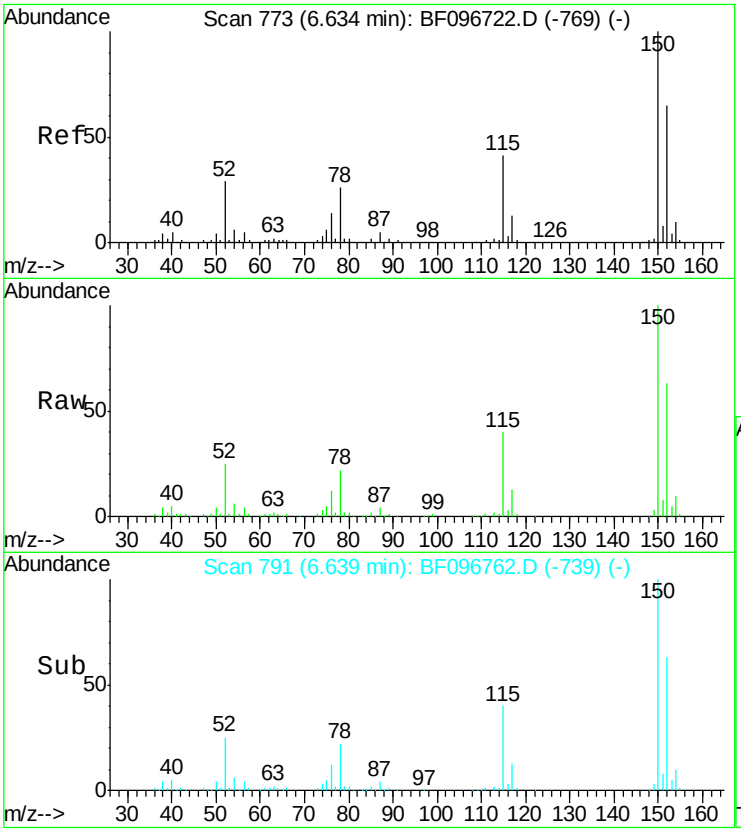


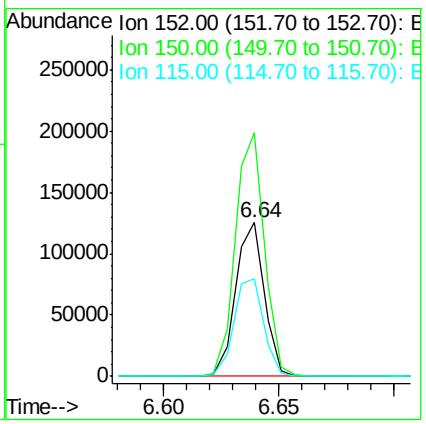


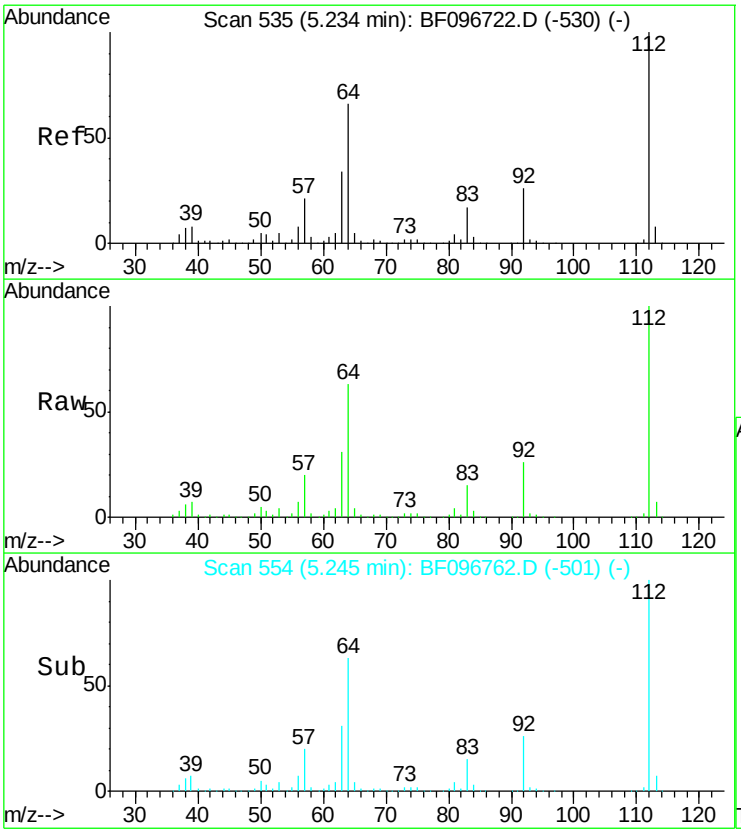
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:152 Resp: 108412

Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	63.9	52.2	78.2

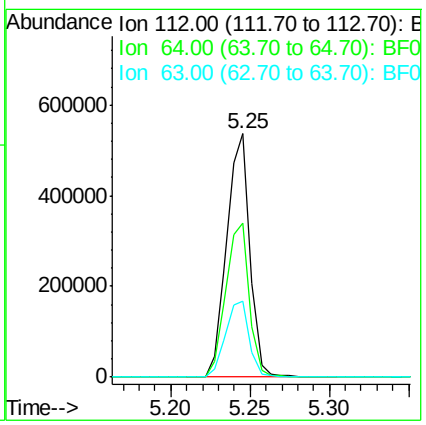


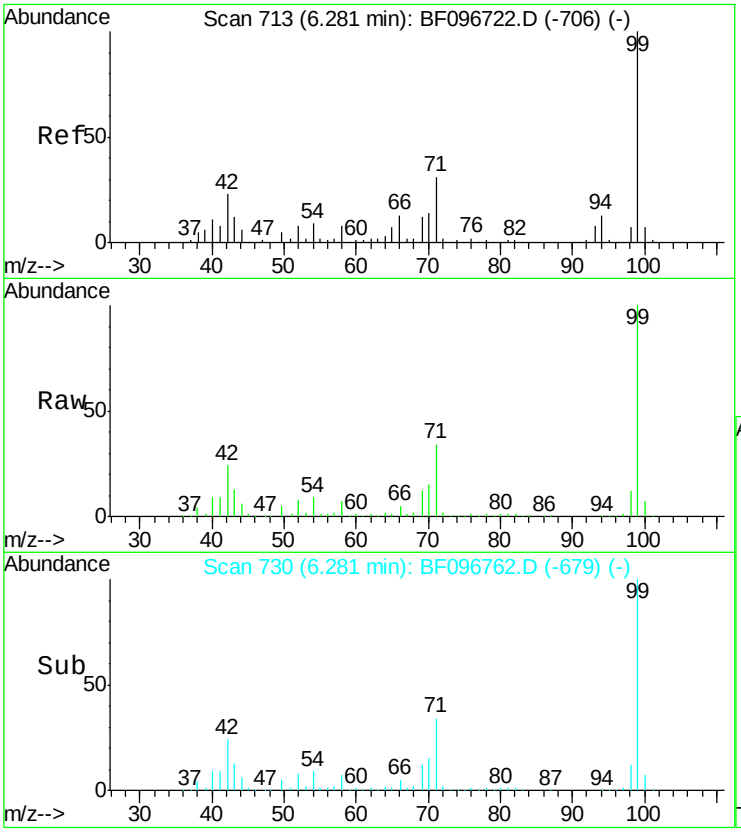


#5
2-Fluorophenol
Concen: 75.66 ng
RT: 5.25 min Scan# 554
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:112 Resp: 545503

Ion	Ratio	Lower	Upper
112	100		
64	63.3	46.0	69.0
63	31.4	23.4	35.0



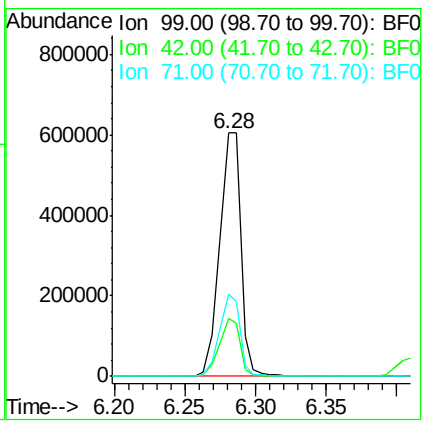


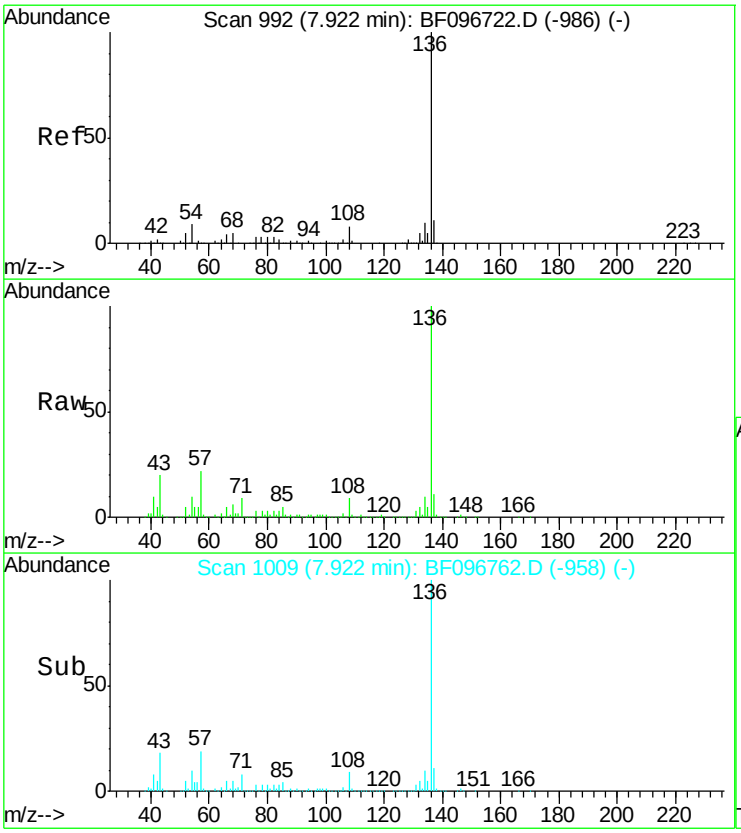
#7
Phenol-d6
Concen: 73.53 ng
RT: 6.28 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion: 99 Resp: 636201

Ion	Ratio	Lower	Upper
99	100		
42	23.7	13.5	20.3#
71	34.1	24.5	36.7

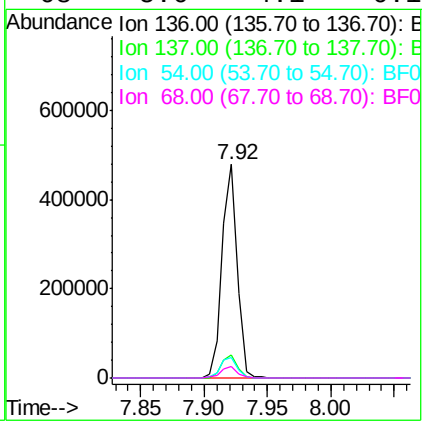


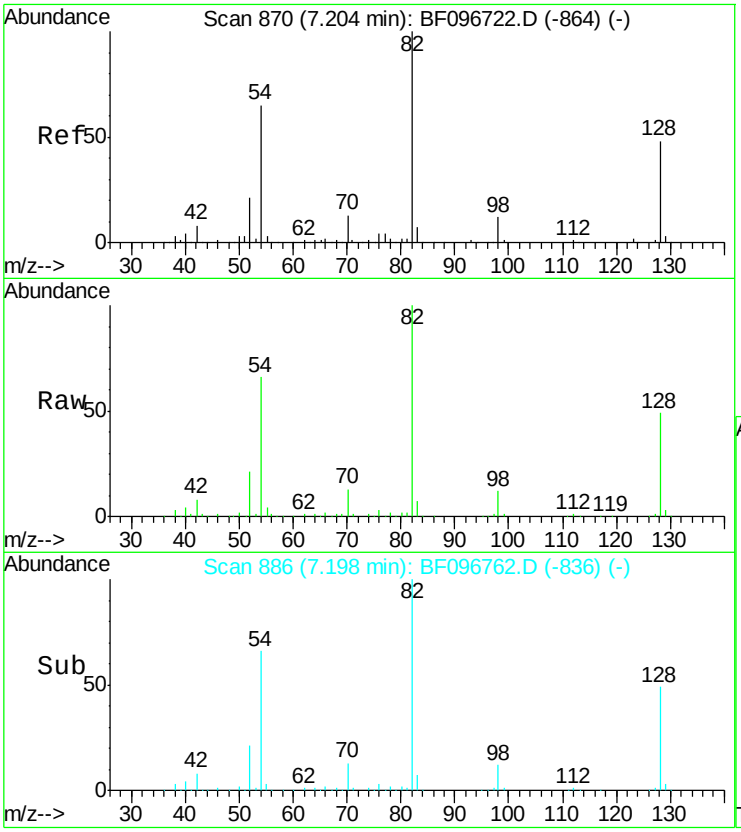


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:136 Resp: 399816

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.9	4.9	7.3#
68	5.6	4.1	6.1



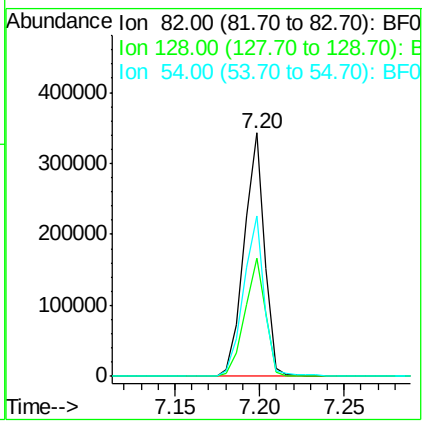


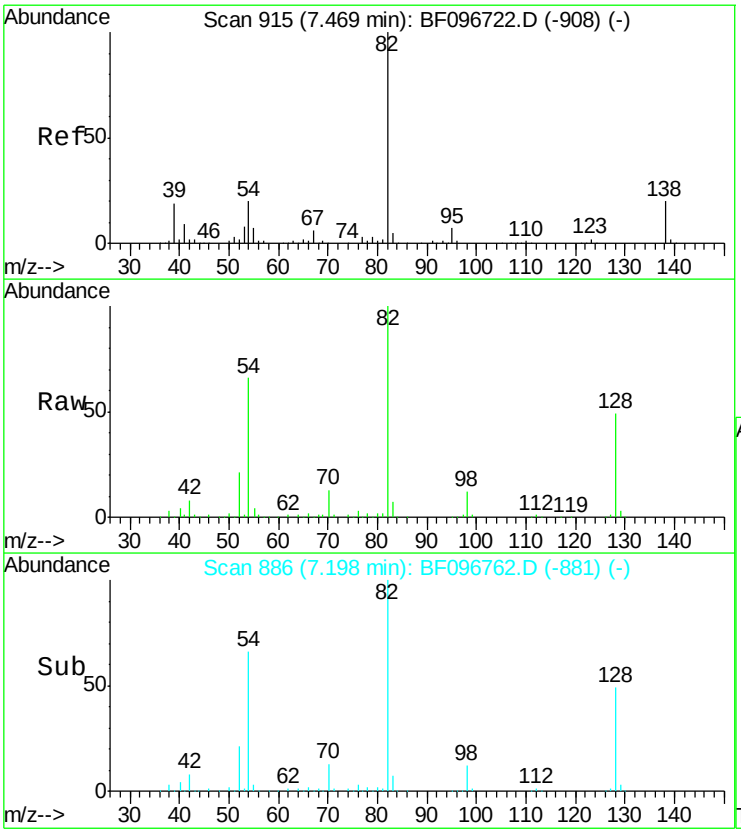
#23
Nitrobenzene-d5
Concen: 45.20 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion: 82 Resp: 291787

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.0	51.0
54	66.0	42.2	63.2#

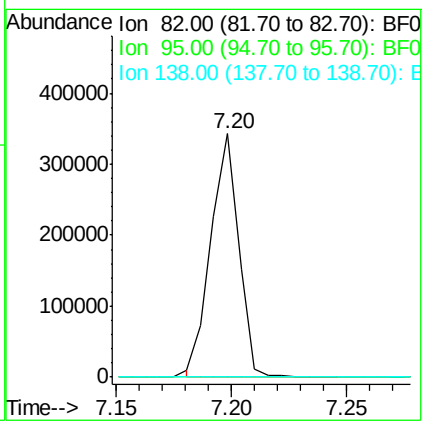


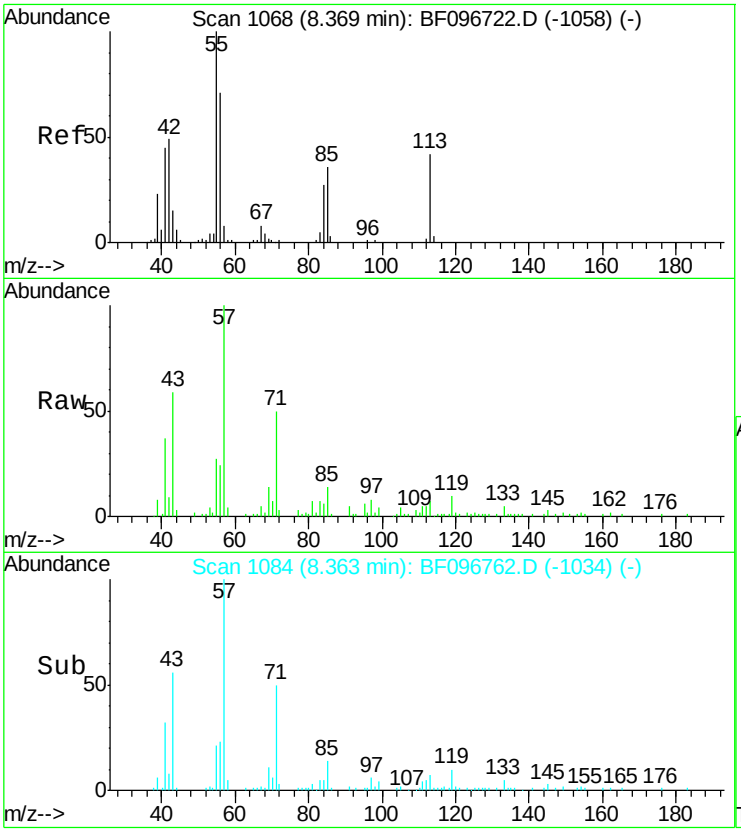


#25
Isophorone
Concen: 23.71 ng
RT: 7.20 min Scan# 886
Delta R.T. -0.27 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion: 82 Resp: 284671

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#



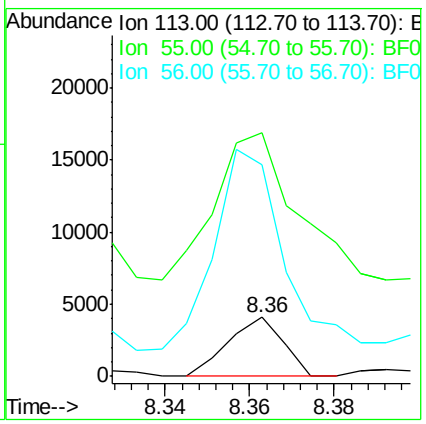


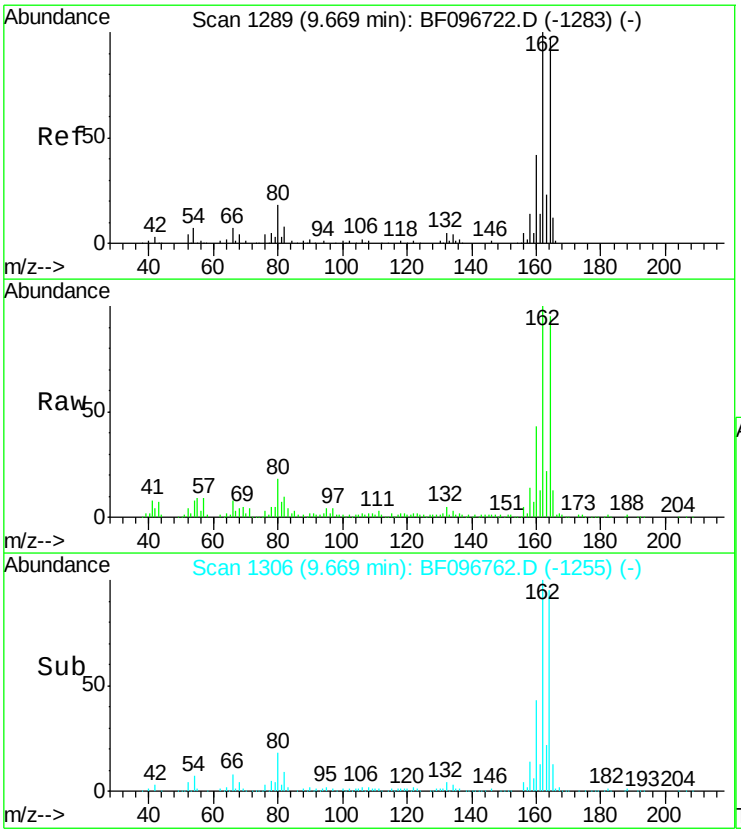
#35
Caprolactam
Concen: 2.10 ng
RT: 8.36 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:113 Resp: 3717

Ion	Ratio	Lower	Upper
113	100		
55	412.9	150.2	190.2#
56	358.2	107.8	147.8#

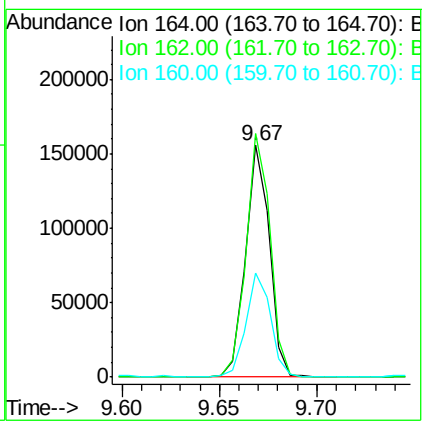


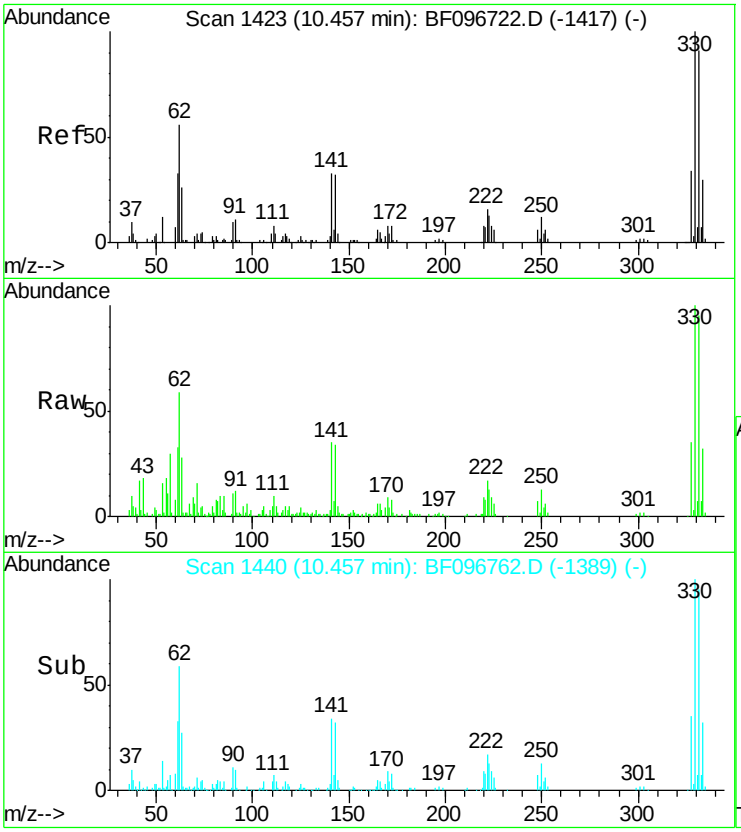


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:164 Resp: 132403

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.1	36.2	54.2



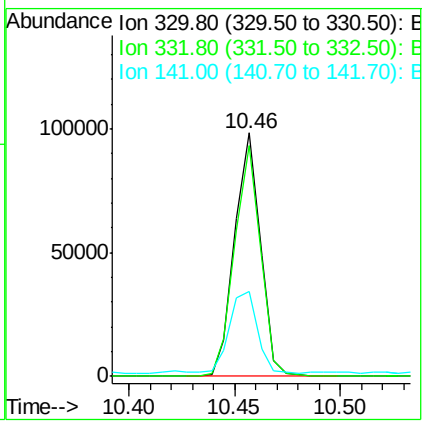


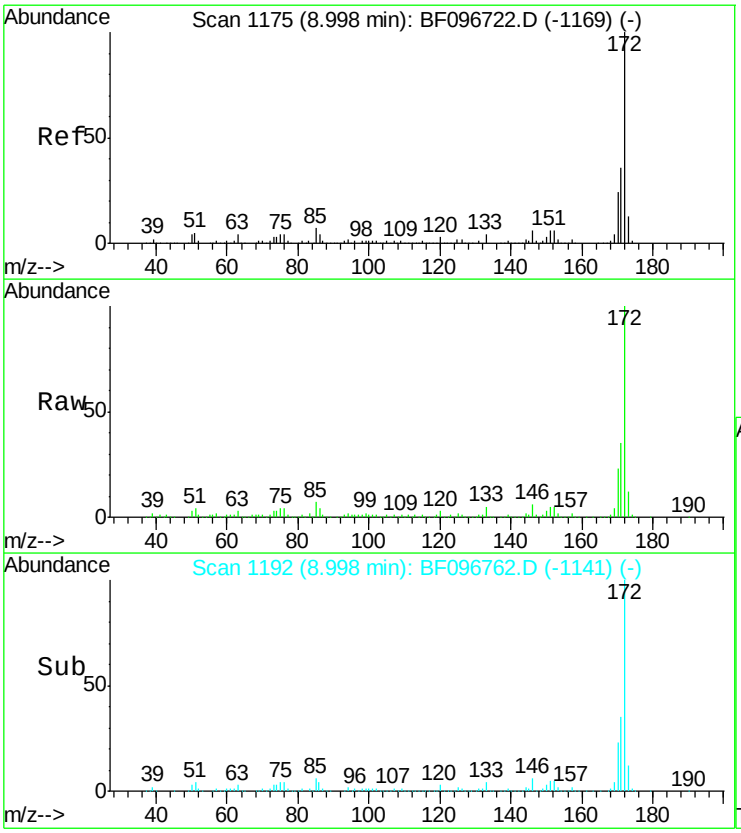
#41
2,4,6-Tribromophenol
Concen: 73.46 ng
RT: 10.46 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:330 Resp: 83028

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	36.5	31.4	47.2

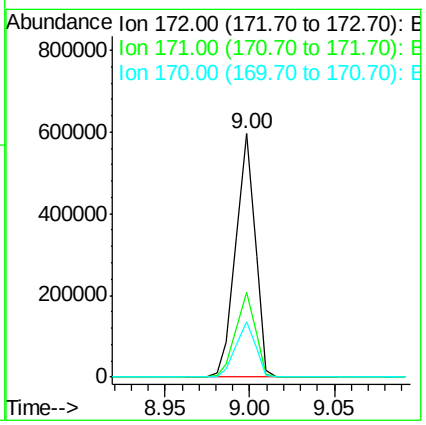


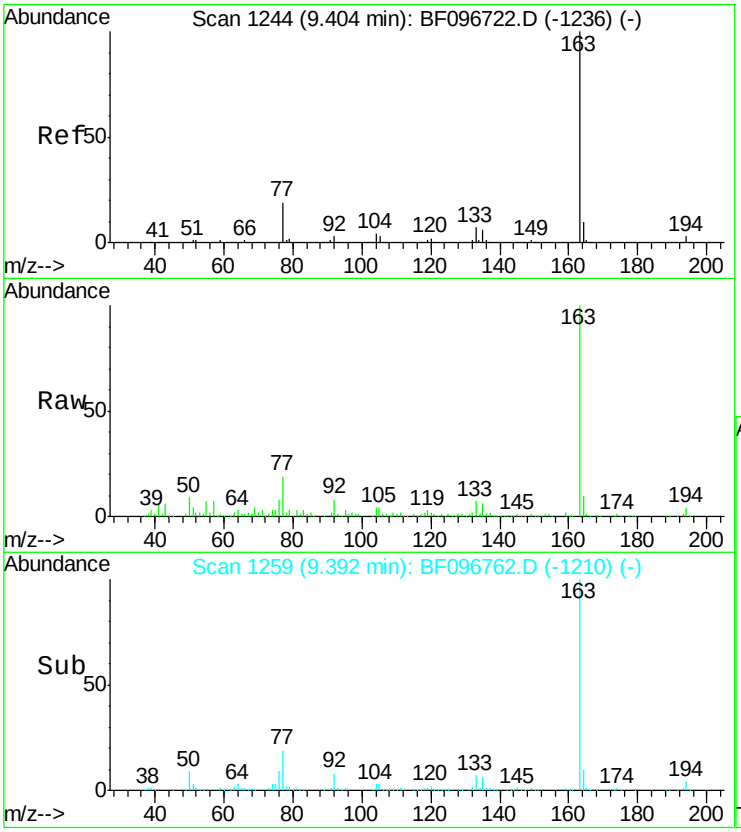


#44
2-Fluorobiphenyl
Concen: 56.88 ng
RT: 9.00 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:172 Resp: 476648

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	22.9	19.8	29.8



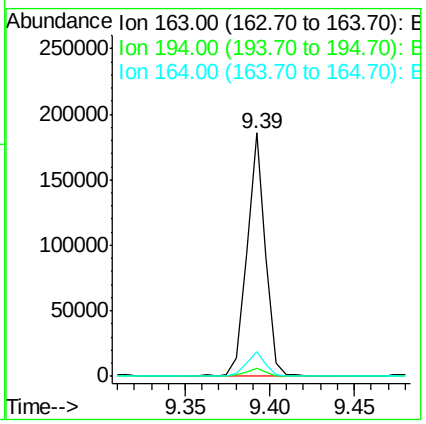


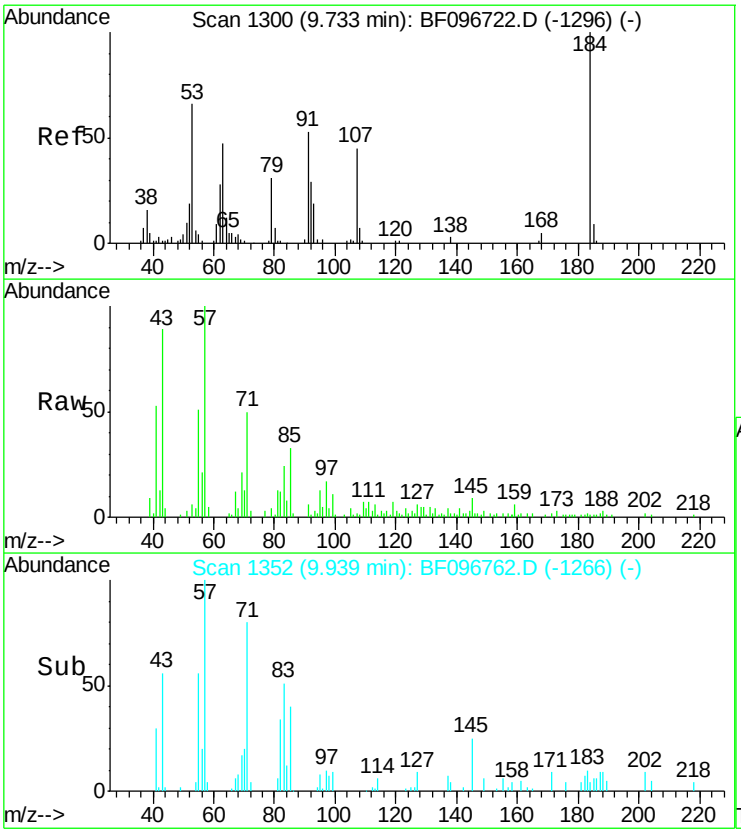
#49
Dimethylphthalate
Concen: 14.05 ng
RT: 9.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:163 Resp: 140075

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.3	8.4	12.6

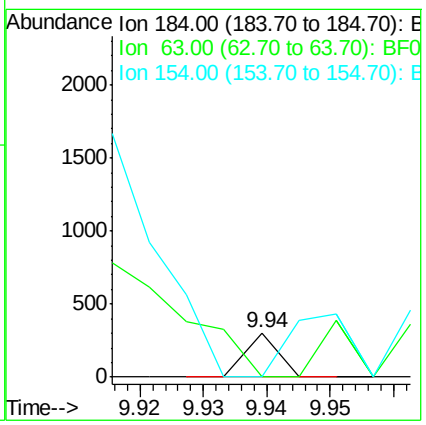


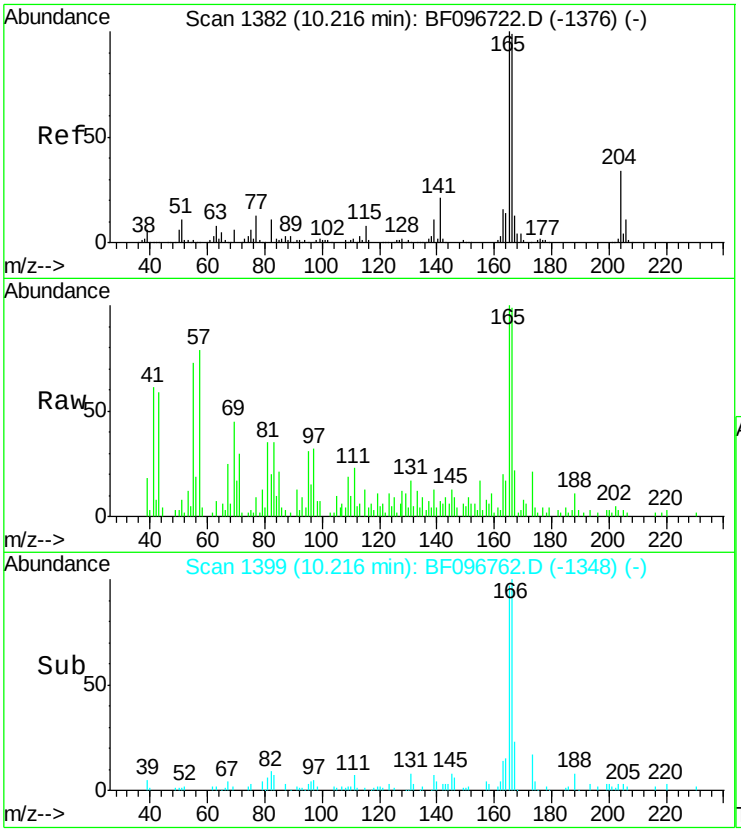


#53
2,4-Dinitrophenol
Concen: 6.83 ng
RT: 9.94 min Scan# 1352
Delta R.T. 0.21 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:184 Resp: 107

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



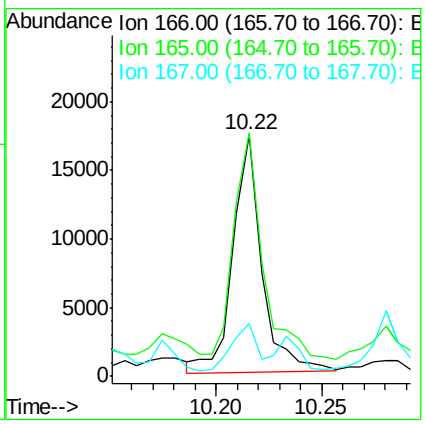


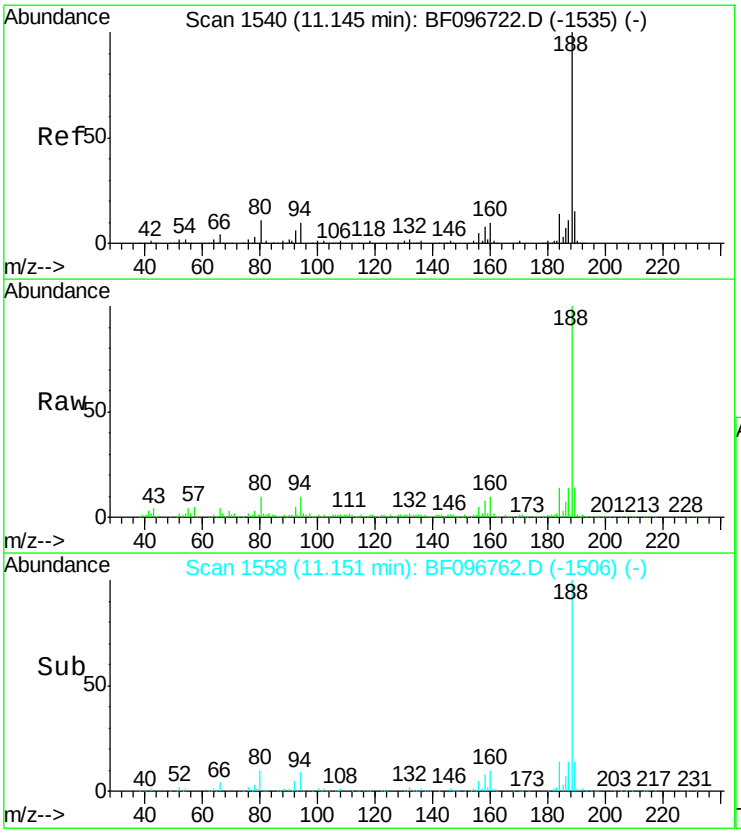
#57
Fluorene
Concen: 2.00 ng
RT: 10.22 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:166 Resp: 16307

Ion	Ratio	Lower	Upper
166	100		
165	100.9	78.8	118.2
167	21.8	10.6	16.0#

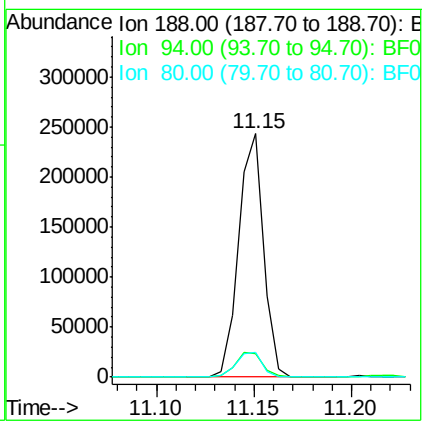


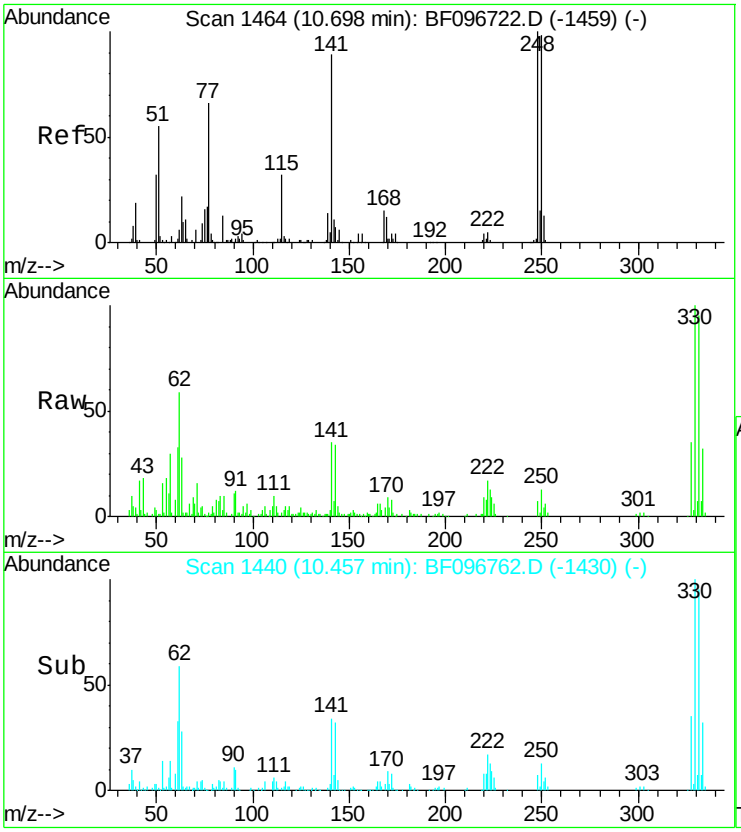


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:188 Resp: 215348

Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.1	10.2	15.2#



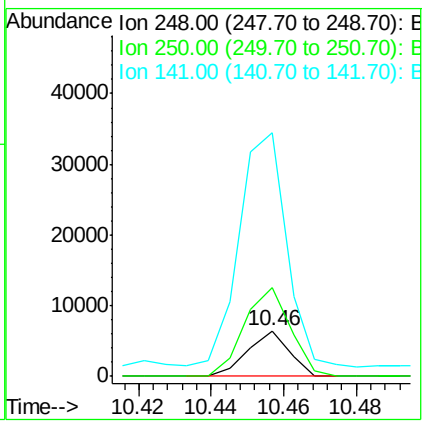


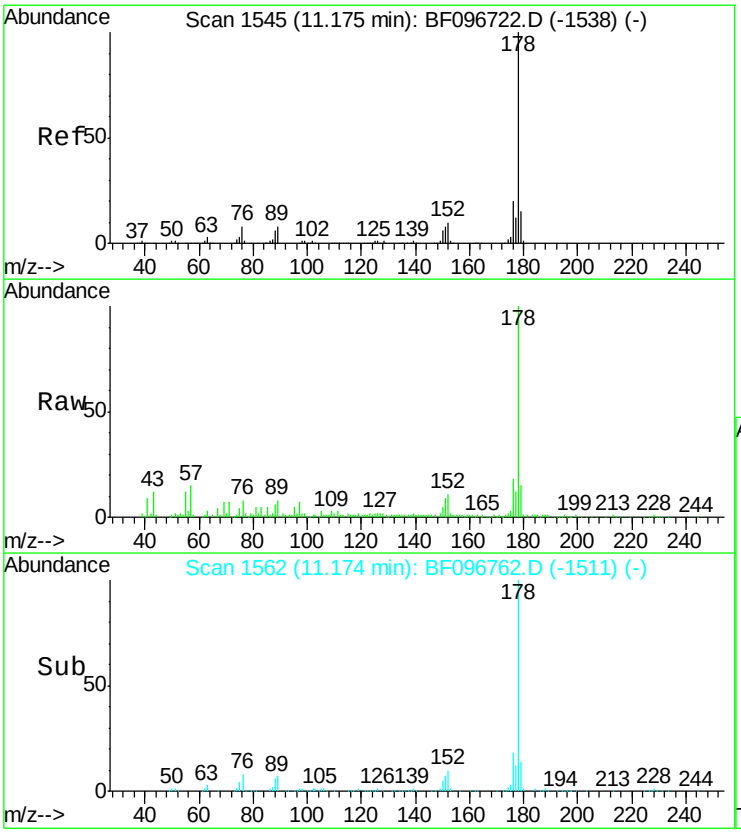
#66
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.46 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:248 Resp: 5068

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.8	115.2#
141	534.5	68.6	103.0#

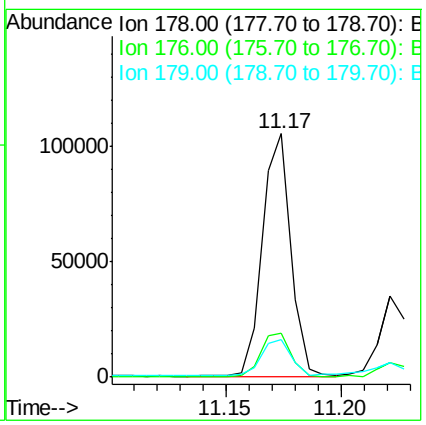


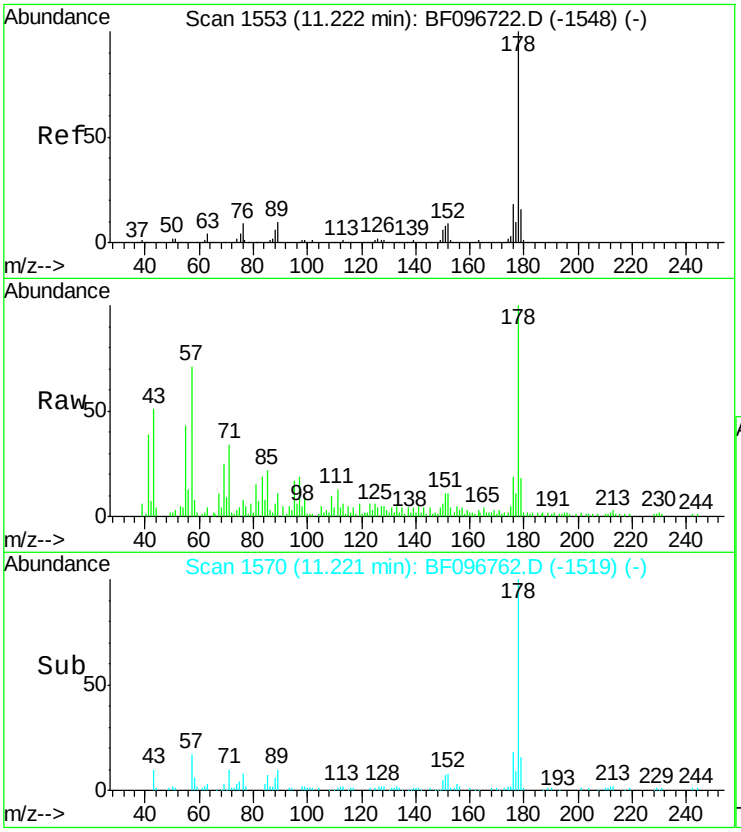


#70
Phenanthrene
Concen: 7.80 ng
RT: 11.17 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:178 Resp: 91347

Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.2	24.4
179	15.3	12.6	19.0



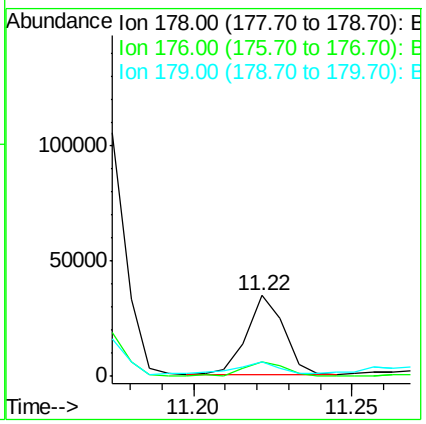


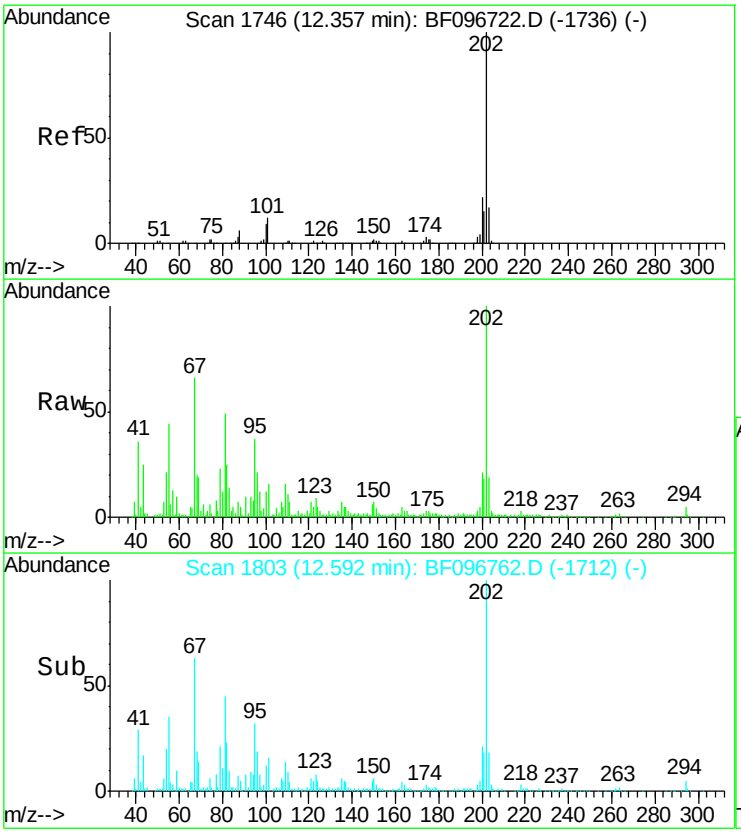
#71
Anthracene
Concen: 2.39 ng
RT: 11.22 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:178 Resp: 28261

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	18.4	12.7	19.1

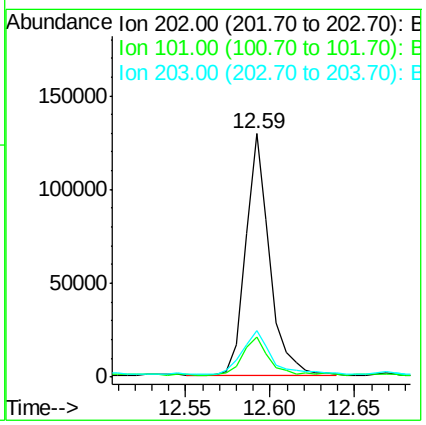


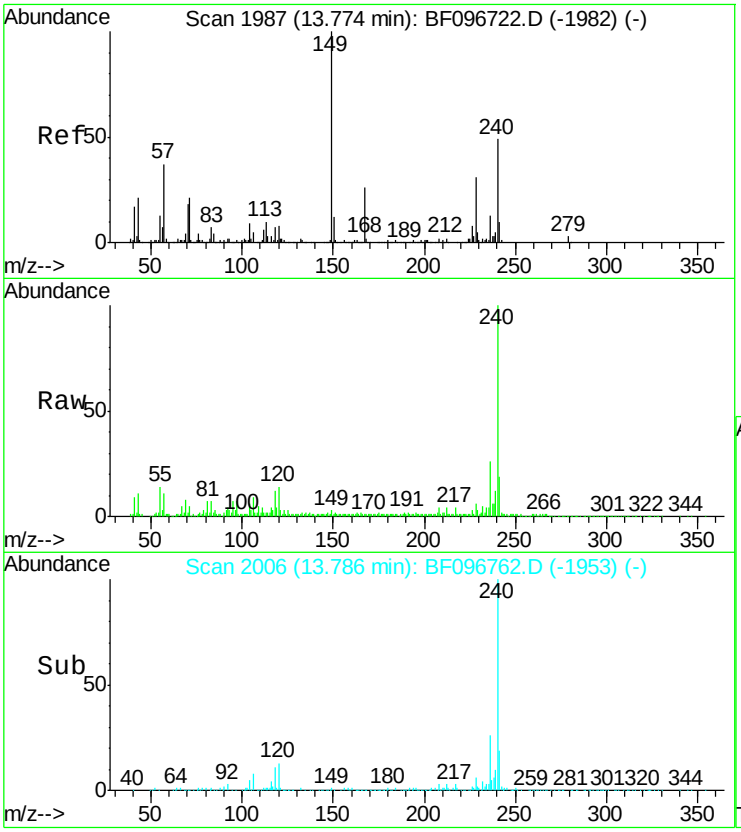


#74
Fluoranthene
Concen: 11.36 ng
RT: 12.59 min Scan# 1803
Delta R.T. 0.24 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:202 Resp: 127365

Ion	Ratio	Lower	Upper
202	100		
101	16.4	0.0	33.2
203	19.1	0.0	38.1



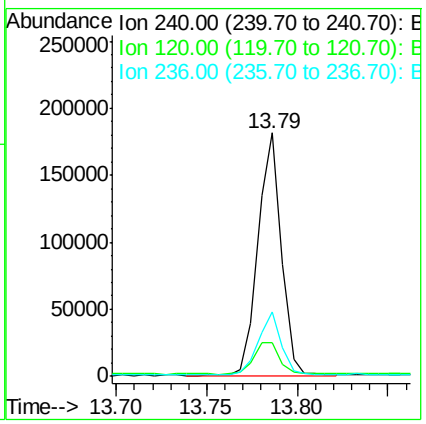


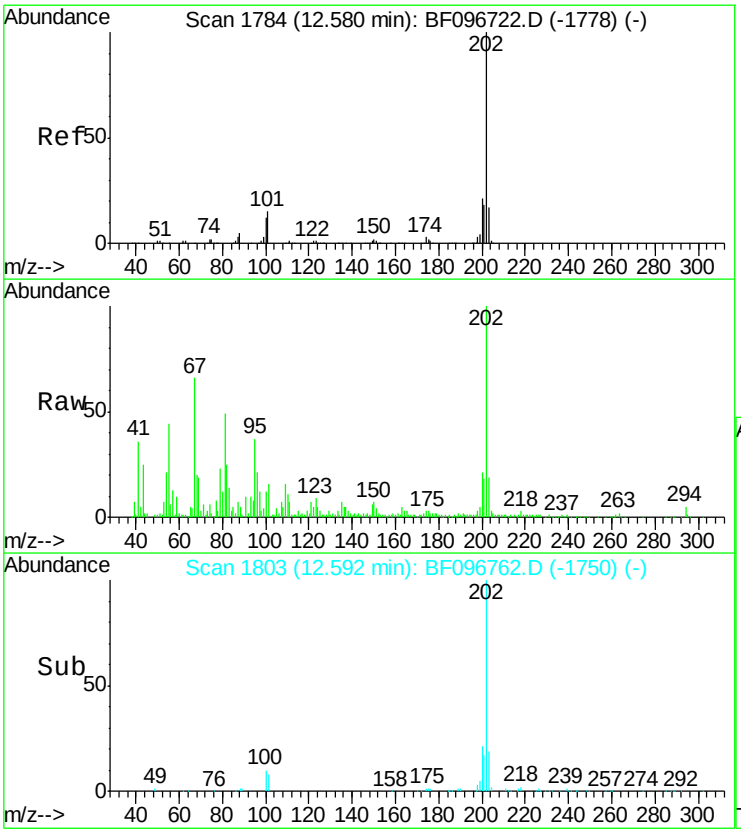
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:240 Resp: 162349

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.4	20.5	30.7

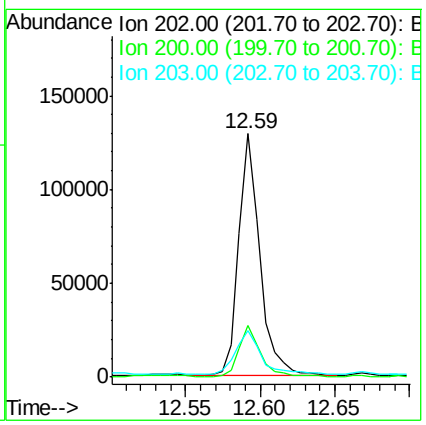


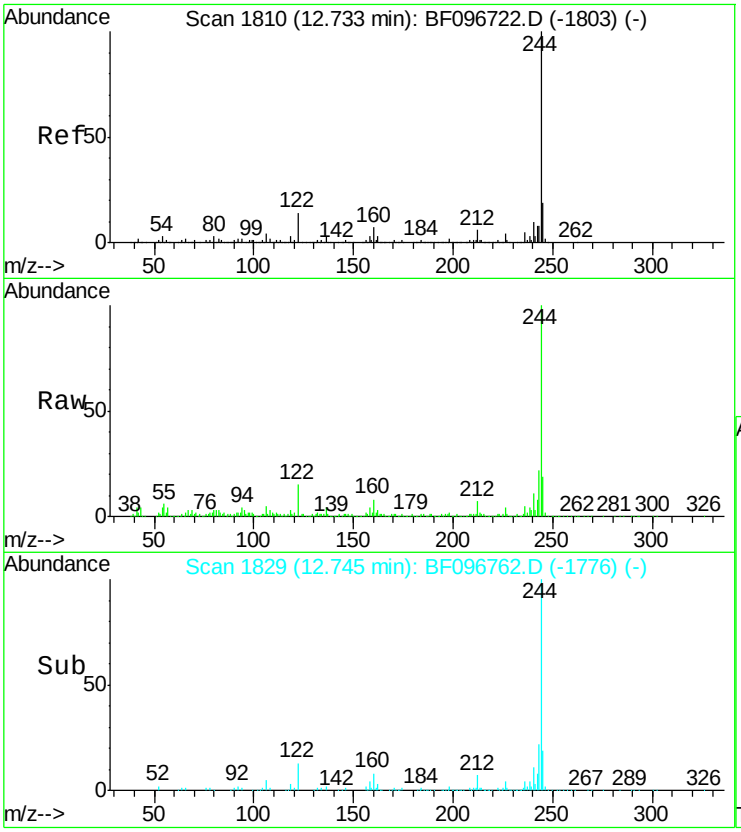


#77
Pyrene
Concen: 8.65 ng
RT: 12.59 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:202 Resp: 127492

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.6	26.4
203	19.1	14.4	21.6



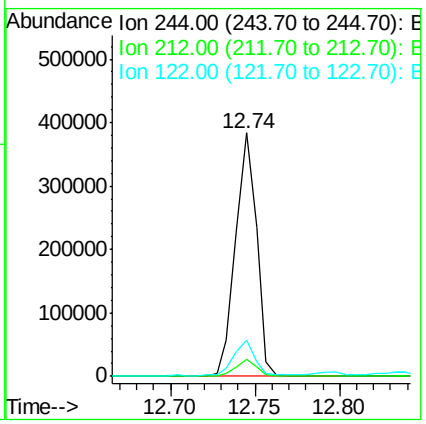


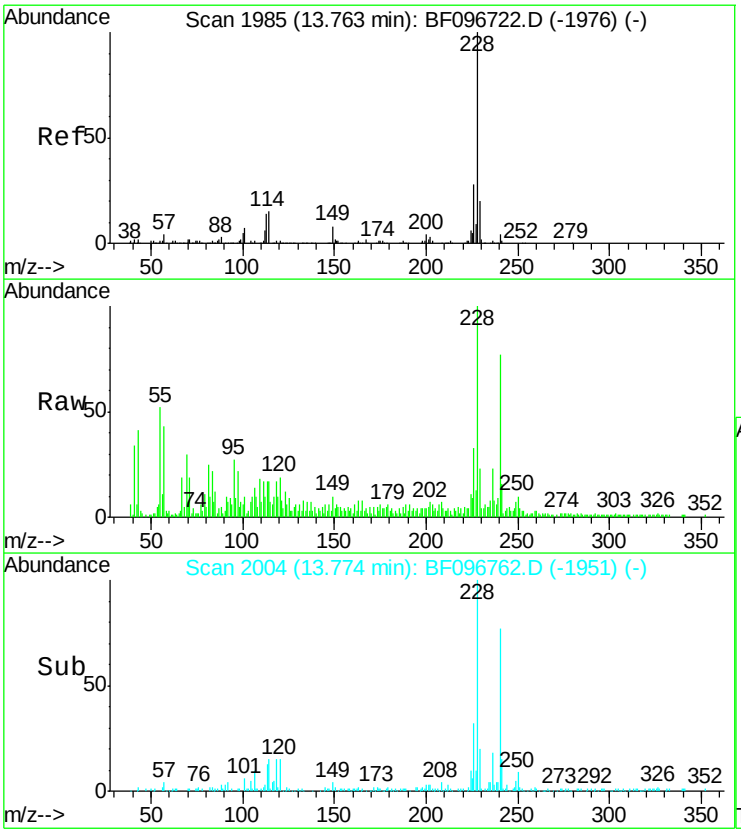
#78
Terphenyl-d14
Concen: 35.59 ng
RT: 12.74 min Scan# 1829
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:244 Resp: 333169

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.6	10.3	15.5

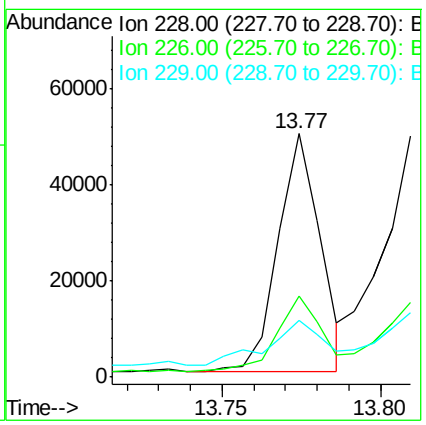


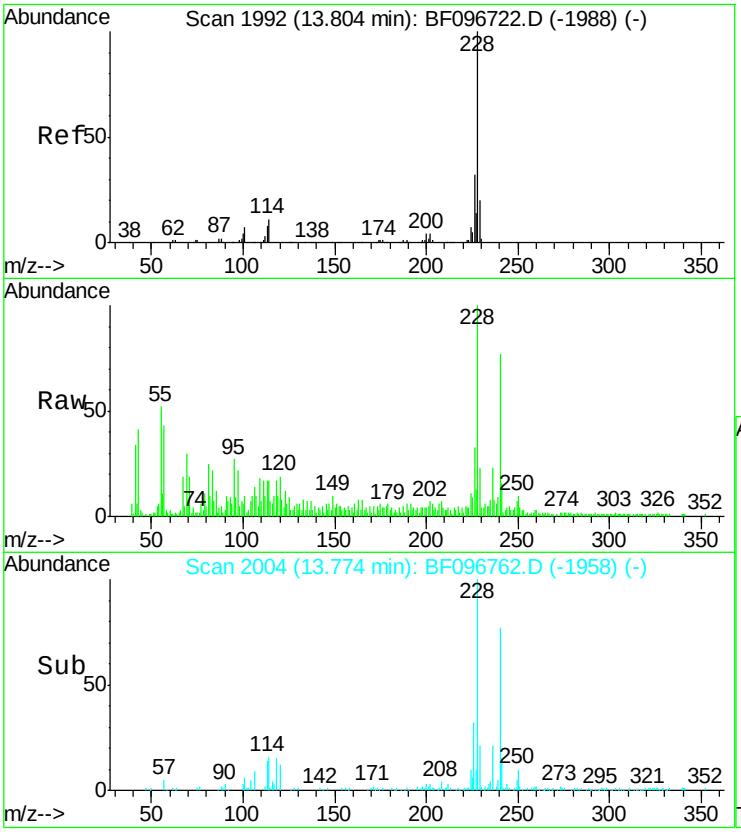


#80
Benzo(a)anthracene
Concen: 4.54 ng
RT: 13.77 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:228 Resp: 45921

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.6	33.8
229	23.1	16.3	24.5



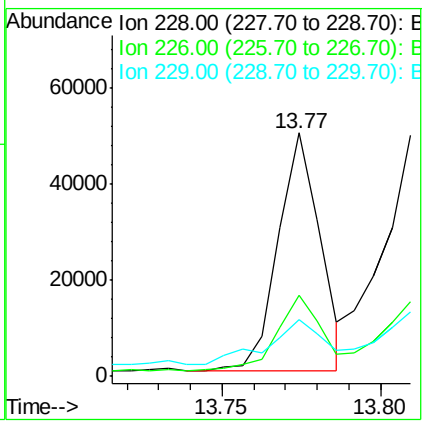


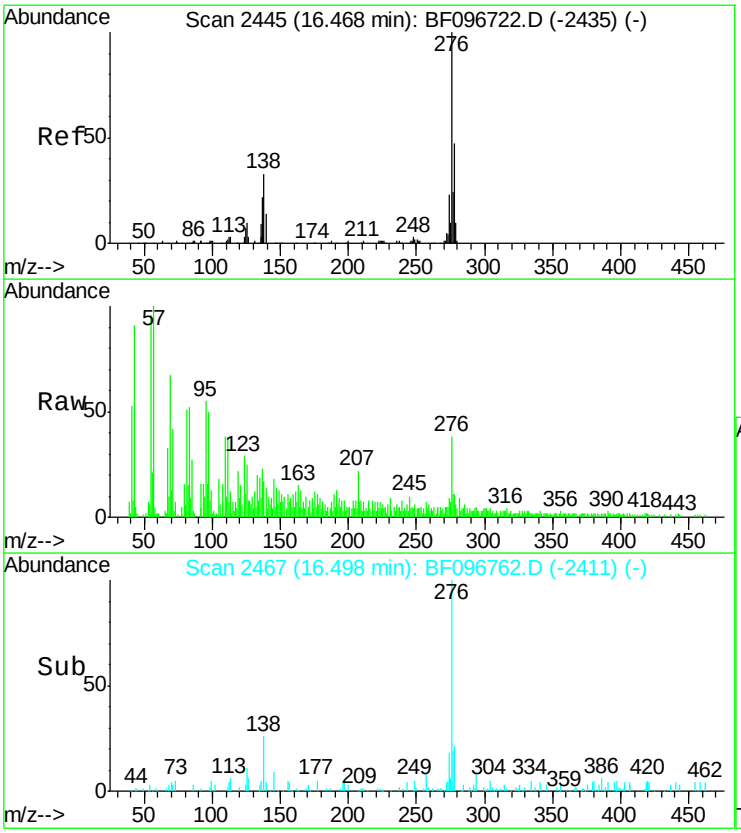
#82
Chrysene
Concen: 4.61 ng
RT: 13.77 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:228 Resp: 45921

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	23.1	15.8	23.6

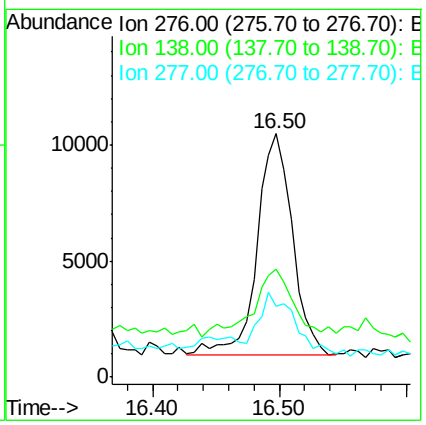


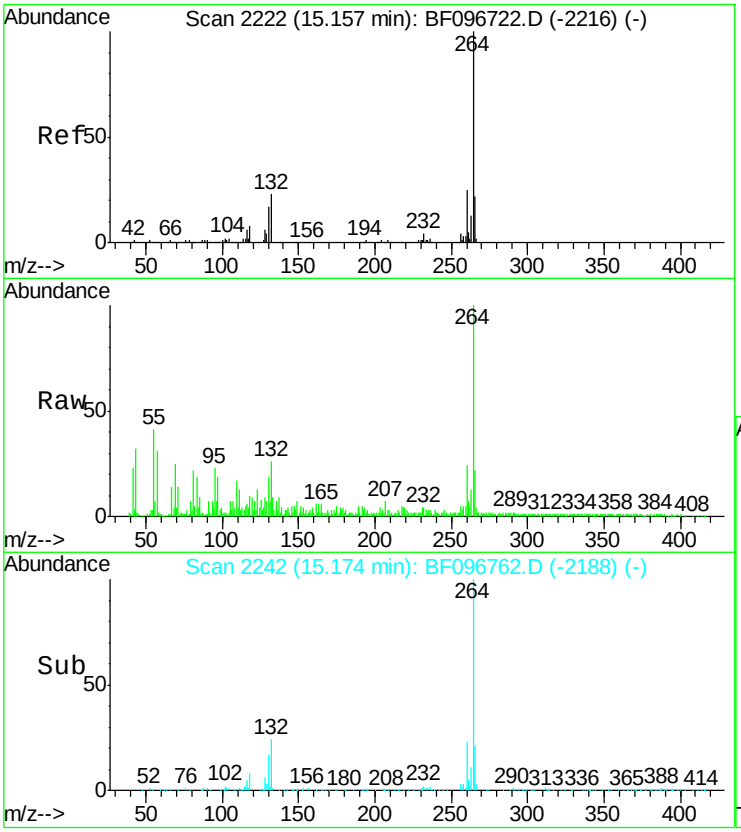


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.28 ng
RT: 16.50 min Scan# 2467
Delta R.T. 0.03 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:276 Resp: 18678

Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	29.5	20.2	30.4



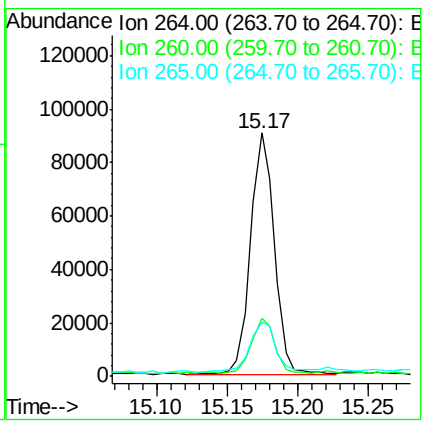


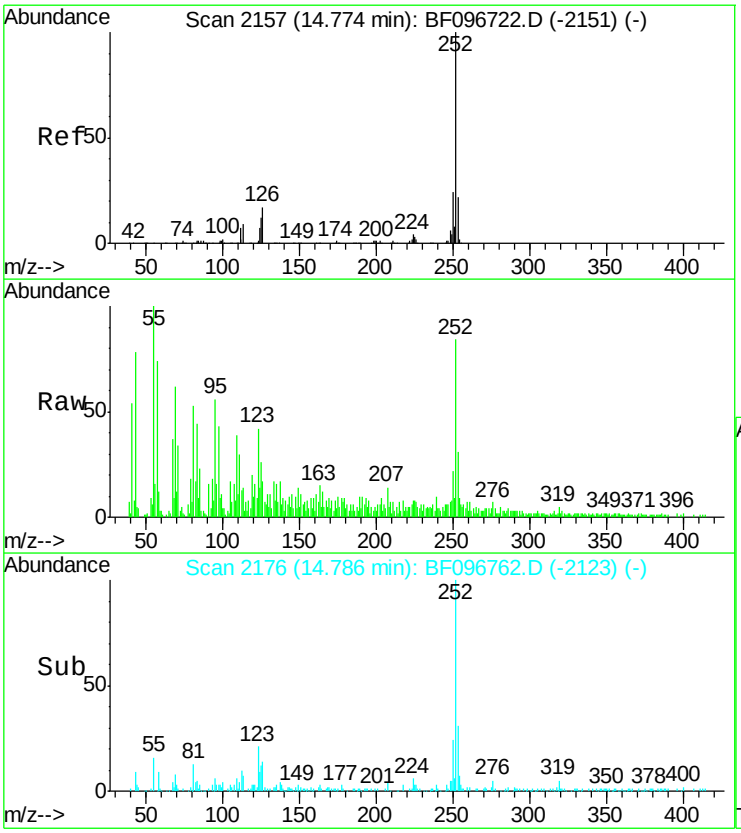
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 2242
Delta R.T. 0.02 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:264 Resp: 107808

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.4	17.2	25.8

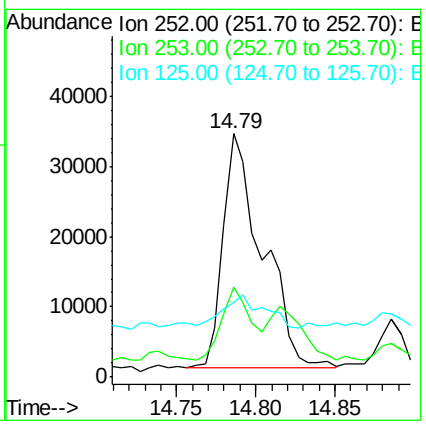


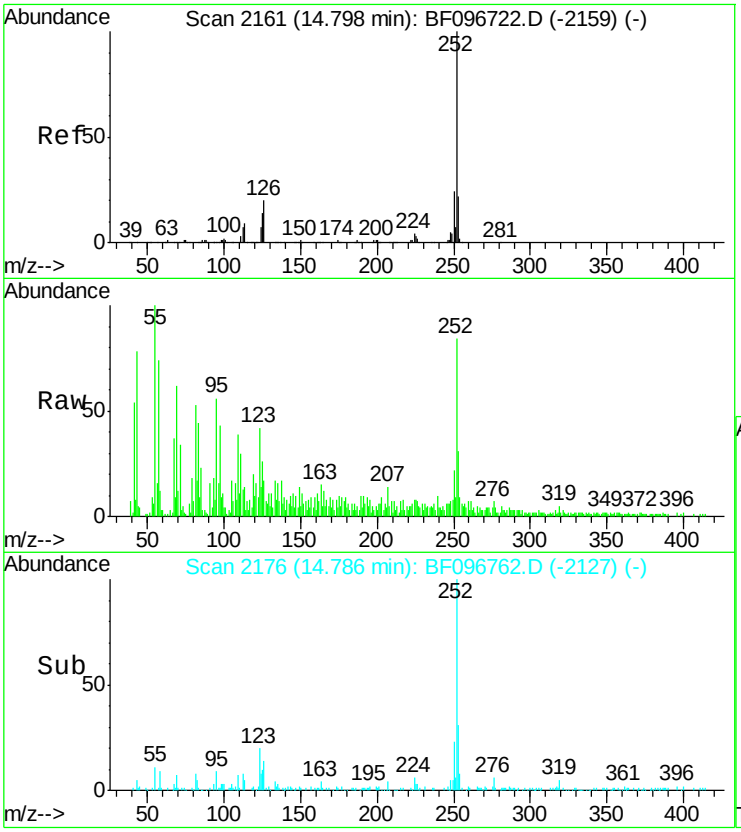


#87
Benzo(b)fluoranthene
Concen: 8.91 ng
RT: 14.79 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:252 Resp: 57910

Ion	Ratio	Lower	Upper
252	100		
253	37.0	18.1	27.1#
125	30.6	9.8	14.8#



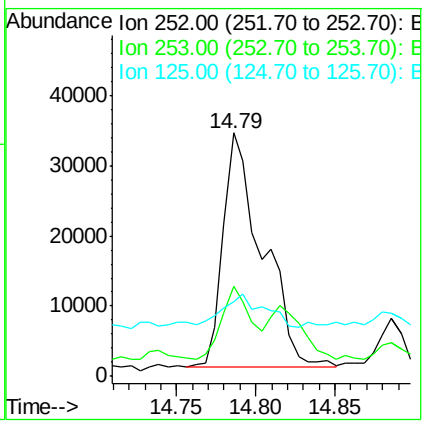


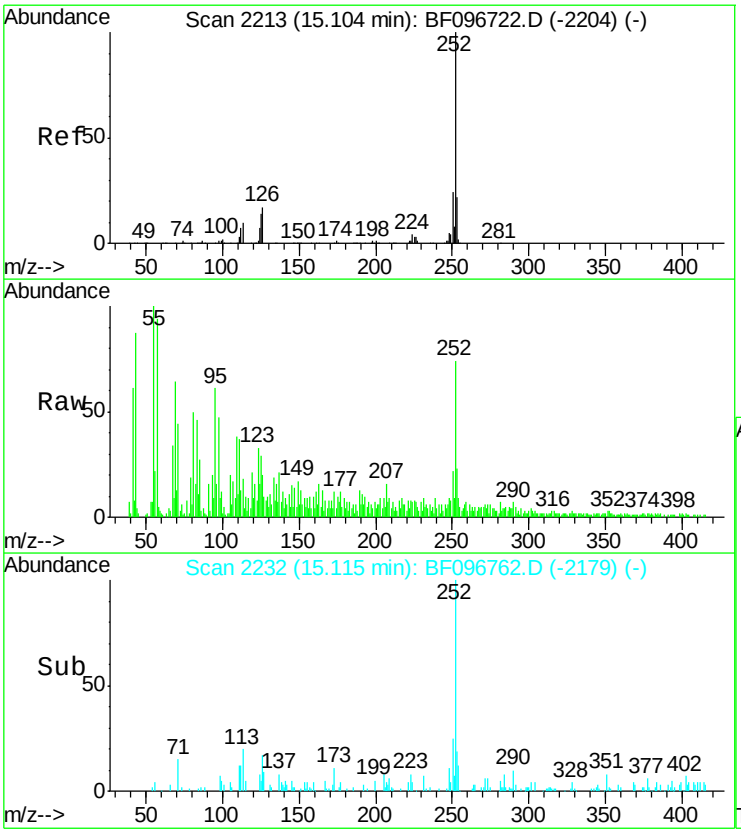
#88
Benzo(k)fluoranthene
Concen: 9.41 ng
RT: 14.79 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:252 Resp: 57910

Ion	Ratio	Lower	Upper
252	100		
253	37.0	18.4	27.6#
125	30.6	13.1	19.7#

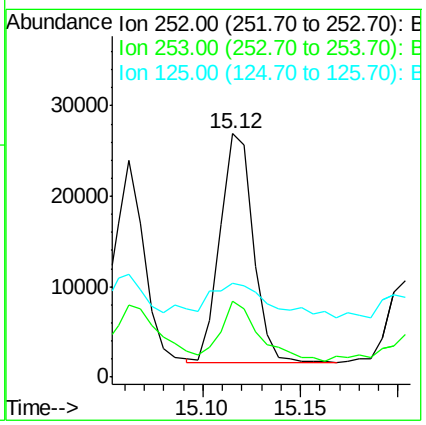


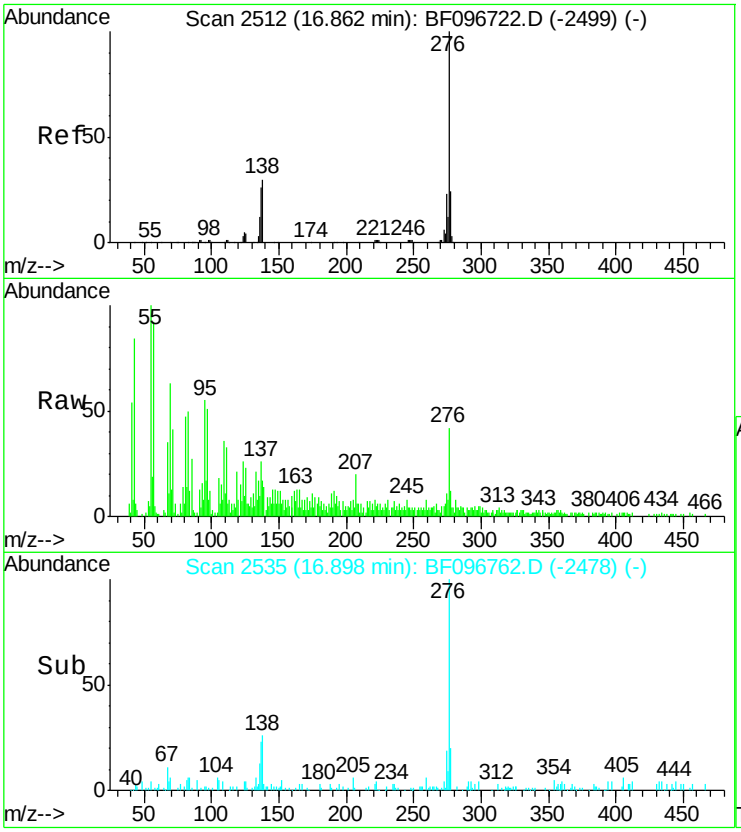


#89
Benzo(a)pyrene
Concen: 5.06 ng
RT: 15.12 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Tgt Ion:252 Resp: 30184

Ion	Ratio	Lower	Upper
252	100		
253	31.3	17.5	26.3#
125	38.5	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.74 ng
RT: 16.90 min Scan# 2535
Delta R.T. 0.04 min
Lab File: BF096762.D
Acq: 14 Jul 2017 7:23

Instrument :
BNA_F
ClientSampleId :
OR-01-071117

Tgt Ion:276 Resp: 21955

Ion	Ratio	Lower	Upper
276	100		
277	28.0	18.6	28.0#
138	41.2	25.4	38.0#