Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097869.D
Acq On : 19 Aug 2017 8:52
Operator : SJ/JU
Sample : I4797-05 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-K10-ESW

Quant Time: Aug 21 00:53:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112661	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	449408	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	201113	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	376921	20.00	ng		-0.01
75) Chrysene-d12	13.92	240	311850	20.00	ng		-0.02
86) Perylene-d12	15.36	264	257219	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	122823	16.58	ng		-0.02
7) Phenol-d6	6.39	99	168856	16.78	ng		-0.02
23) Nitrobenzene-d5	7.33	82	99697	12.05	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	23326	13.37	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	165788	12.11	ng		-0.02
78) Terphenyl-d14	12.87	244	133399	8.92	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.33	82	99559	5.79	ng	#	67
32) Benzoic acid	7.84	122	122	6.42	ng	#	1
49) Dimethylphthalate	9.53	163	144965	9.86	ng		99
56) 2,4-Dinitrotoluene	9.81	165	26620	7.23	ng	#	34
70) Phenanthrene	11.31	178	109361	5.44	ng		99
74) Fluoranthene	12.50	202	204999	9.78	ng		99
77) Pyrene	12.73	202	195233	7.65	ng		96
80) Benzo(a)anthracene	13.92	228	91442	4.89	ng		96
82) Chrysene	13.95	228	84322	4.54	ng		97
85) Indeno(1,2,3-cd)pyrene	16.74	276	35488	2.59	ng	#	88
87) Benzo(b)fluoranthene	14.94	252	136009	8.39	ng		99
88) Benzo(k)fluoranthene	14.94	252	136009	8.93	ng		97
89) Benzo(a)pyrene	15.29	252	69058	4.81	ng		100
91) Benzo(g,h,i)perylene	17.16	276	32416	2.66	ng		94

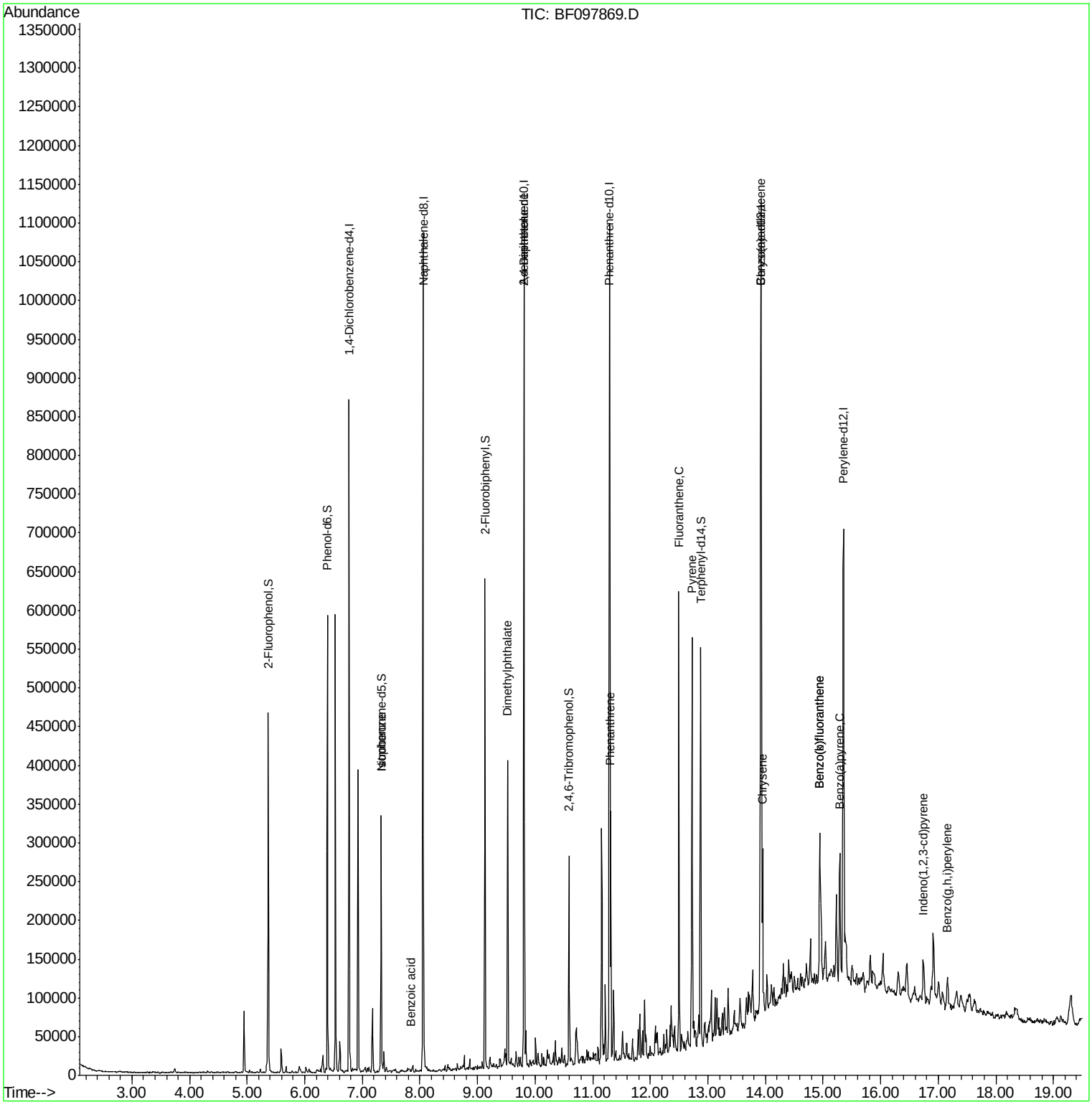
(#) = qualifier out of range (m) = manual integration (+) = signals summed

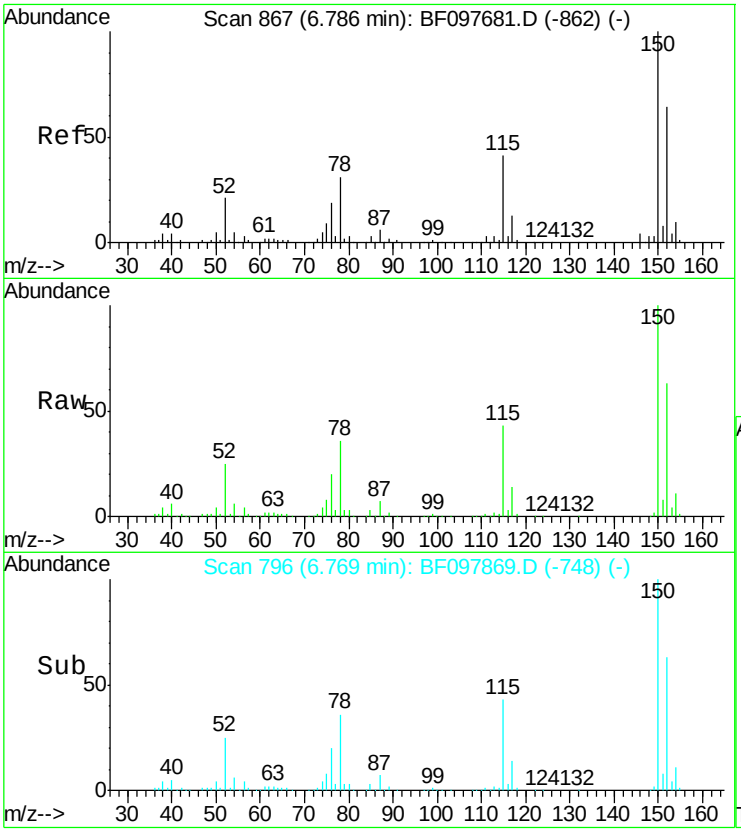
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097869.D
Acq On : 19 Aug 2017 8:52
Operator : SJ/JU
Sample : I4797-05 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Quant Time: Aug 21 00:53:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



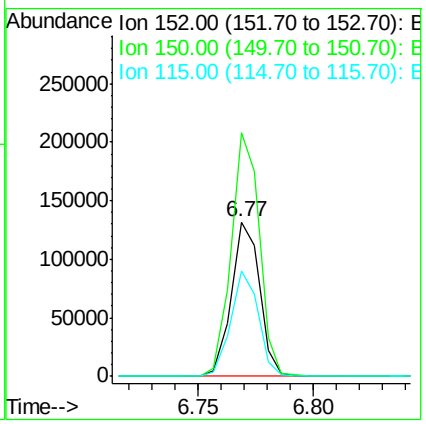


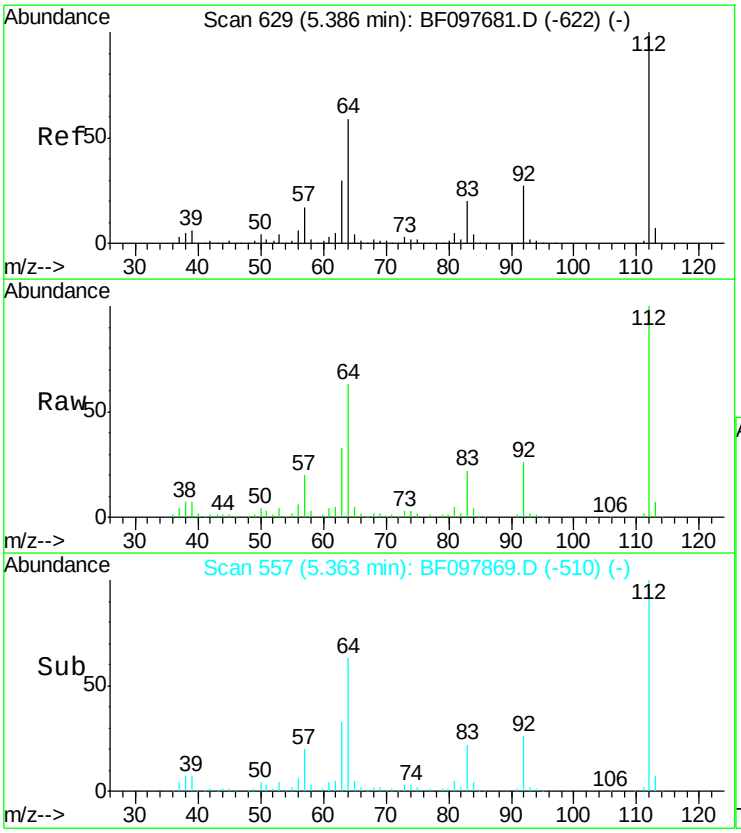
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:152 Resp: 112661

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	68.6	52.2	78.2

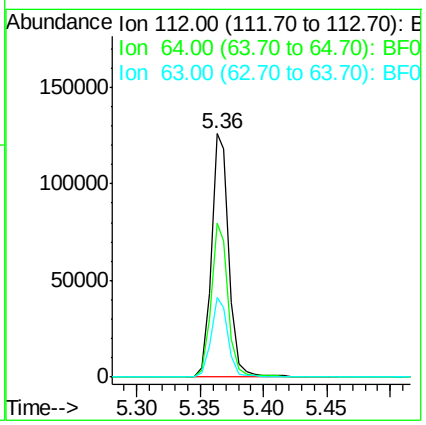


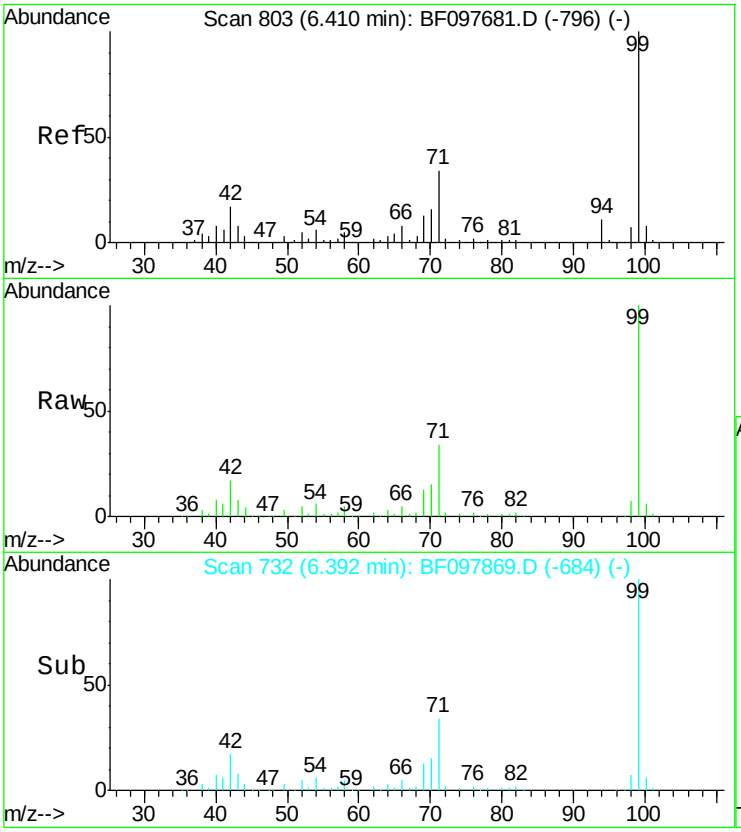


#5
2-Fluorophenol
Concen: 16.58 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:112 Resp: 122823

Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	32.7	23.4	35.0



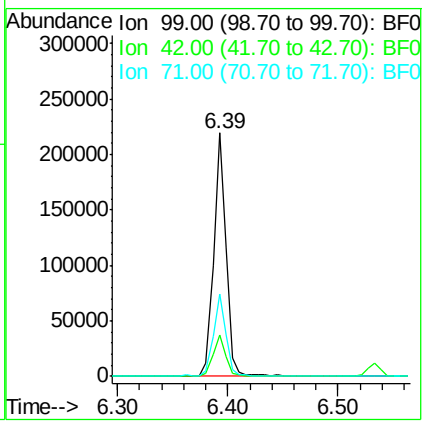


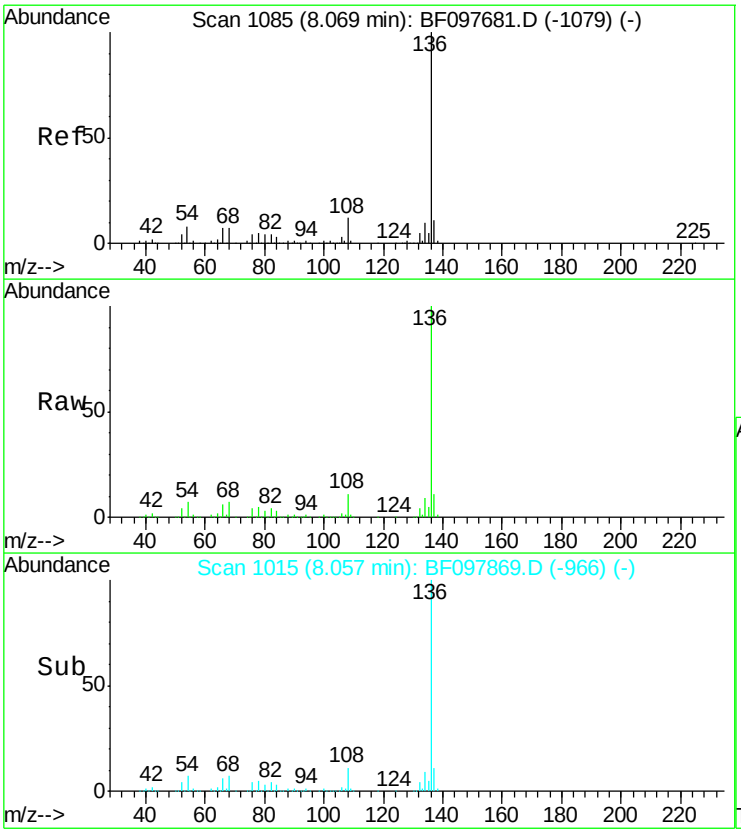
#7
Phenol-d6
Concen: 16.78 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion: 99 Resp: 168856

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	33.6	24.5	36.7

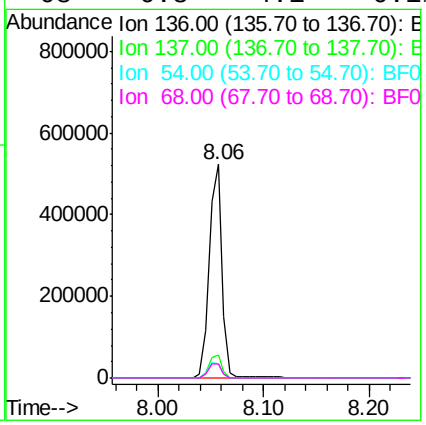


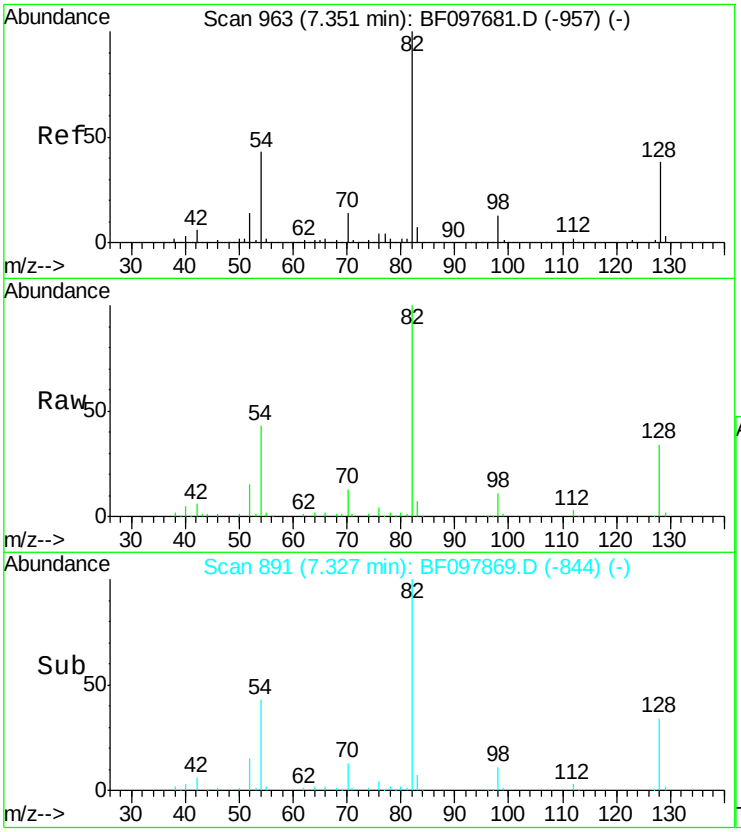


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:136 Resp: 449408

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	6.8	4.1	6.1#



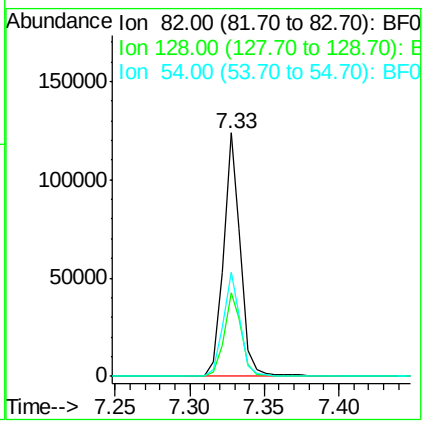


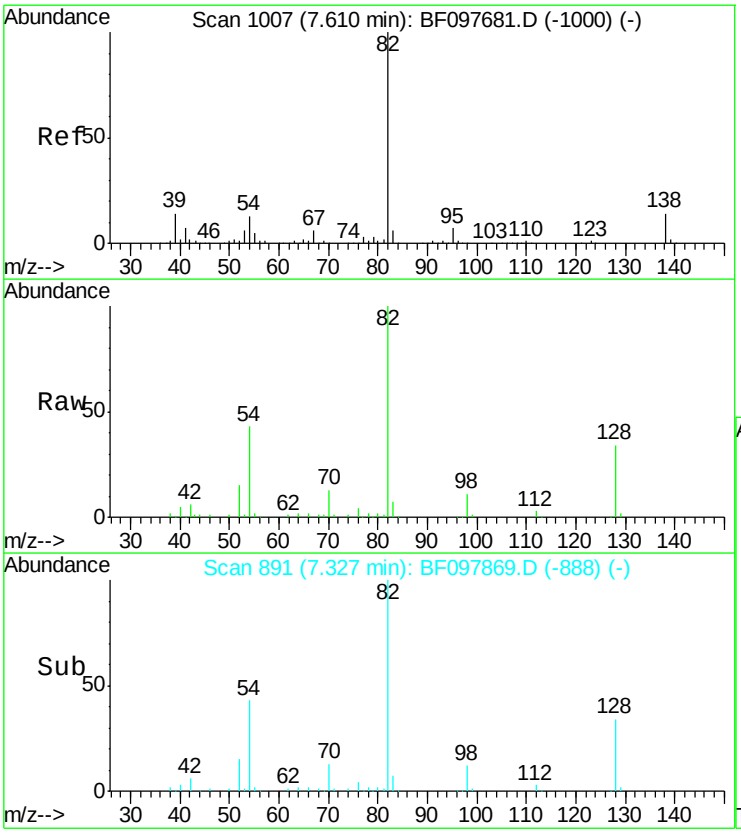
#23
Nitrobenzene-d5
Concen: 12.05 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion: 82 Resp: 99697

Ion	Ratio	Lower	Upper
82	100		
128	34.1	34.0	51.0
54	42.8	42.2	63.2

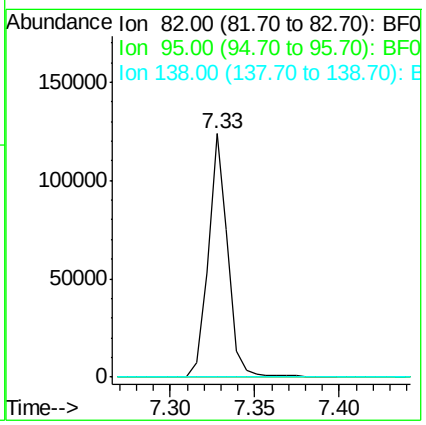


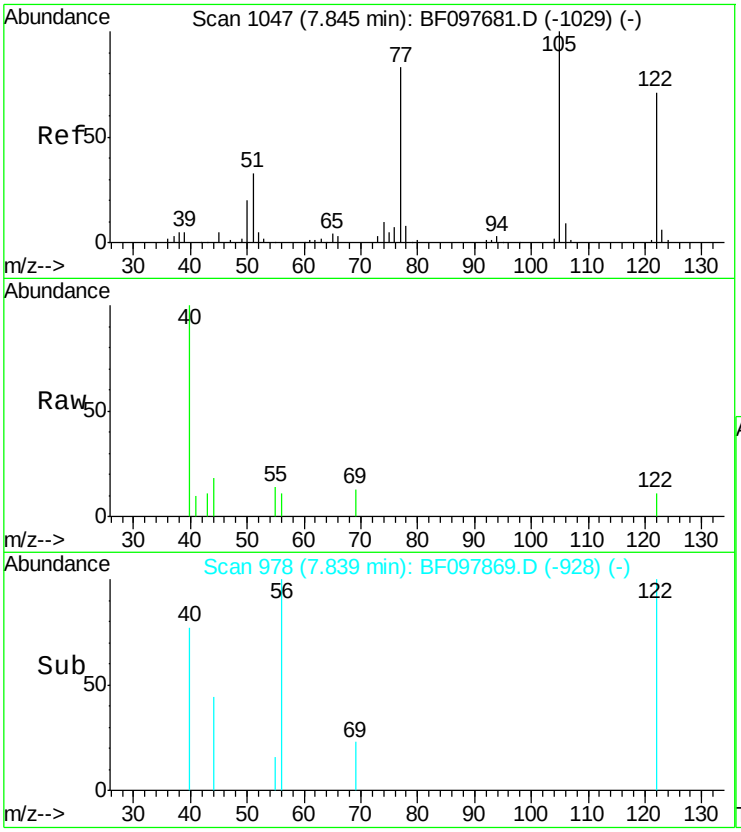


#25
Isophorone
Concen: 5.79 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.28 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion: 82 Resp: 99559

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



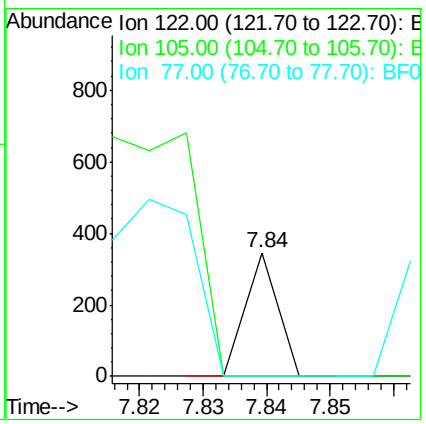


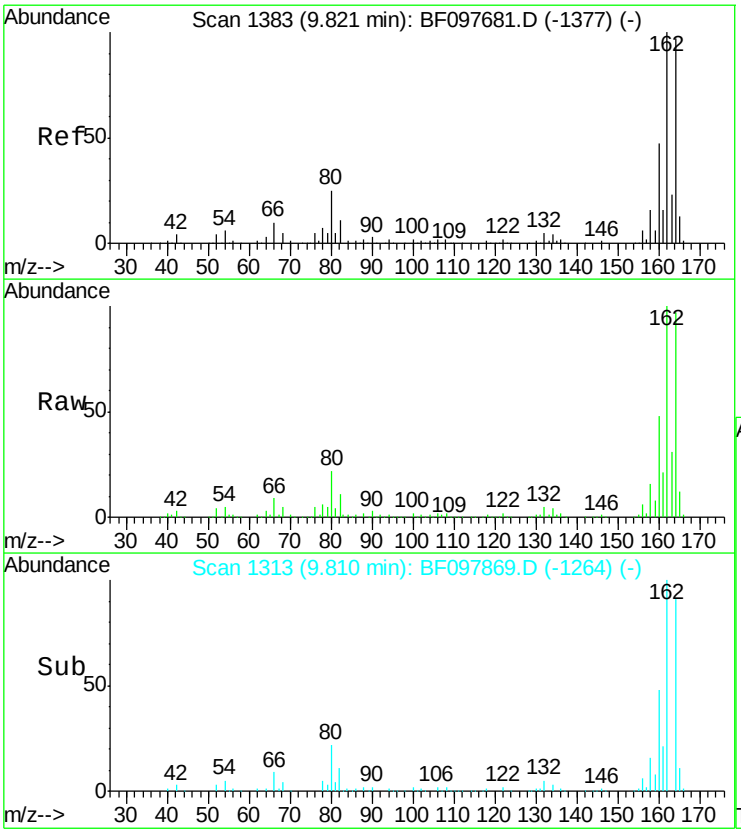
#32
Benzoic acid
Concen: 6.42 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:122 Resp: 122

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	0.0	73.7	113.7#

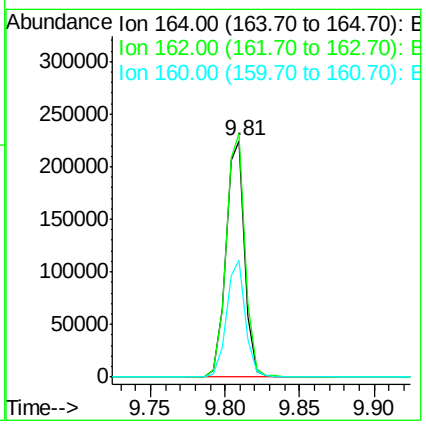


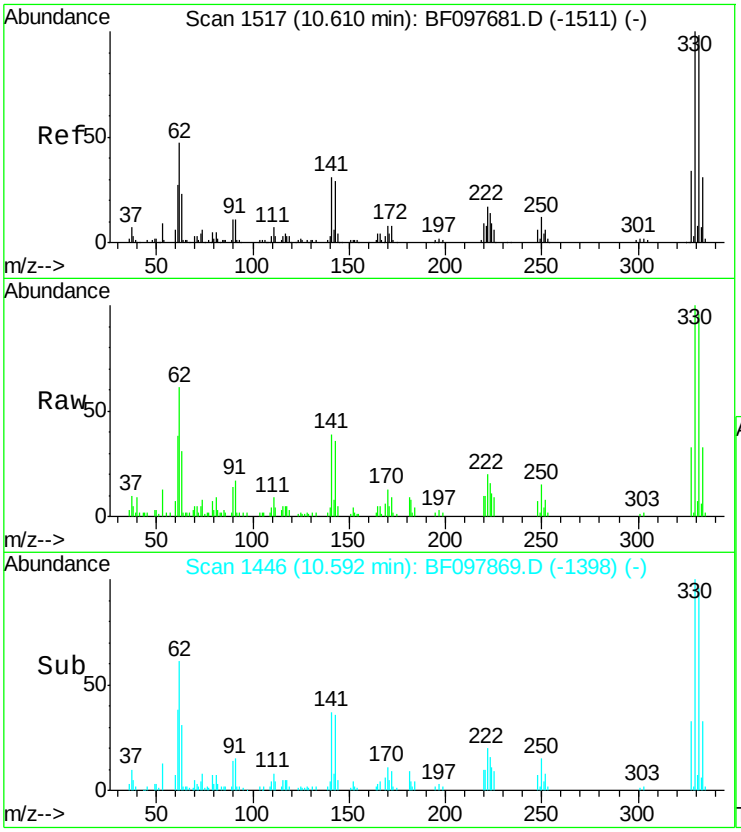


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:164 Resp: 201113

Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	49.2	36.2	54.2



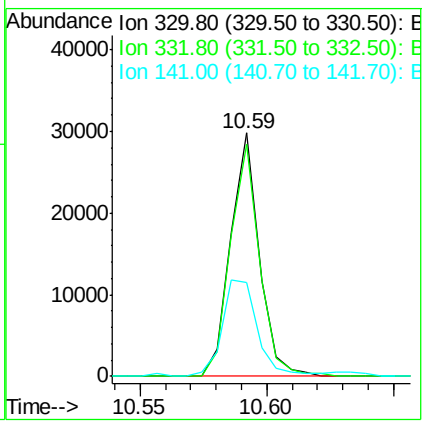


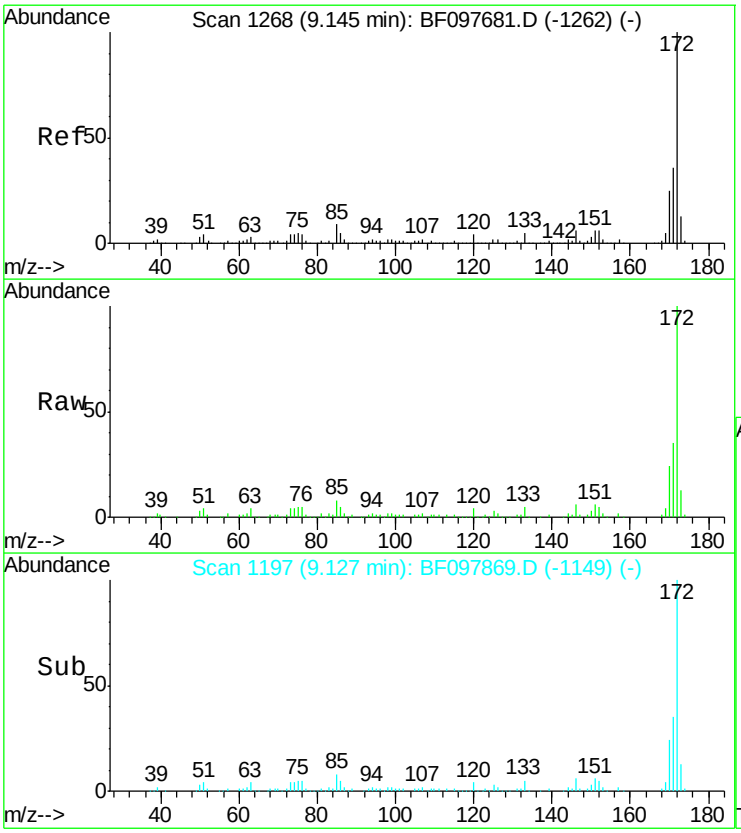
#41
2,4,6-Tribromophenol
Concen: 13.37 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:330 Resp: 23326

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	48.7	31.4	47.2#

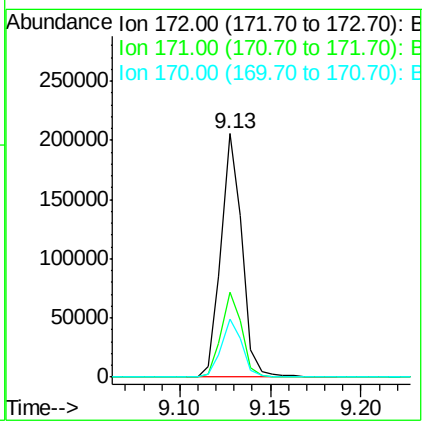


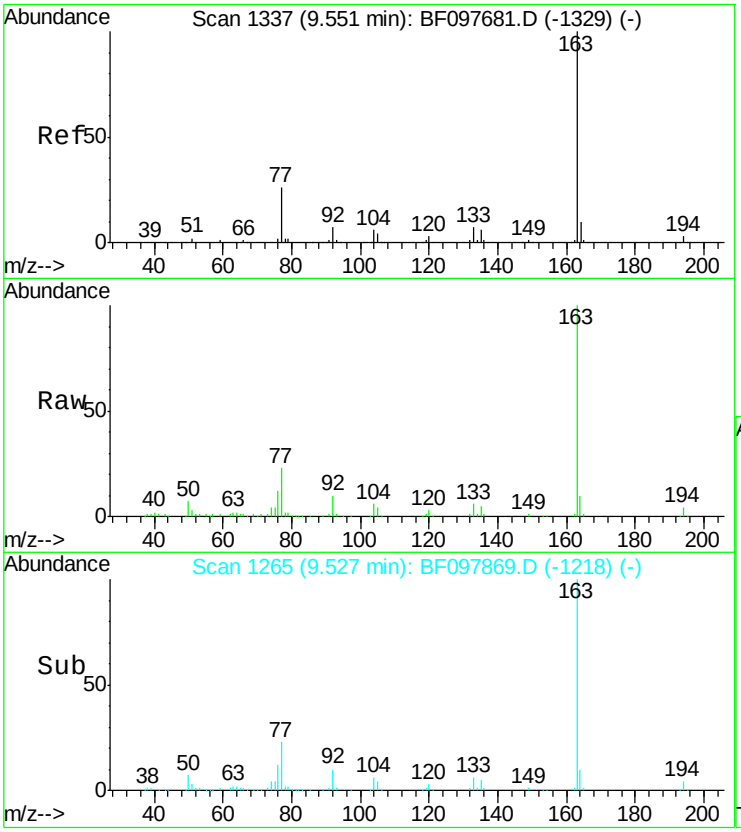


#44
2-Fluorobiphenyl
Concen: 12.11 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:172 Resp: 165788

Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.0	19.8	29.8



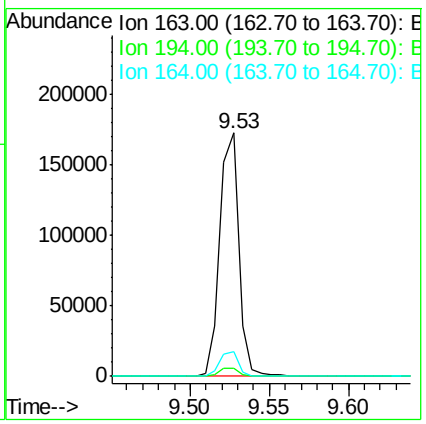


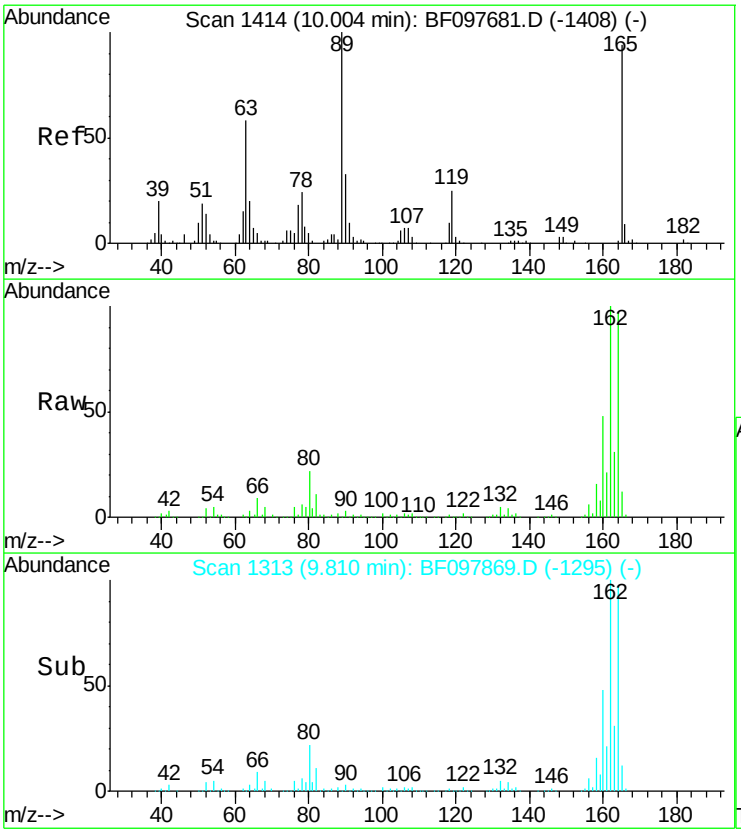
#49
Dimethylphthalate
Concen: 9.86 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:163 Resp: 144965

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	10.1	8.4	12.6

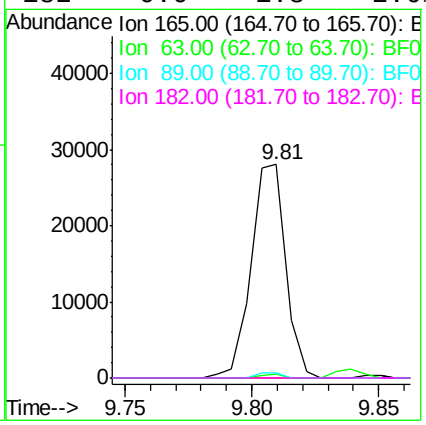


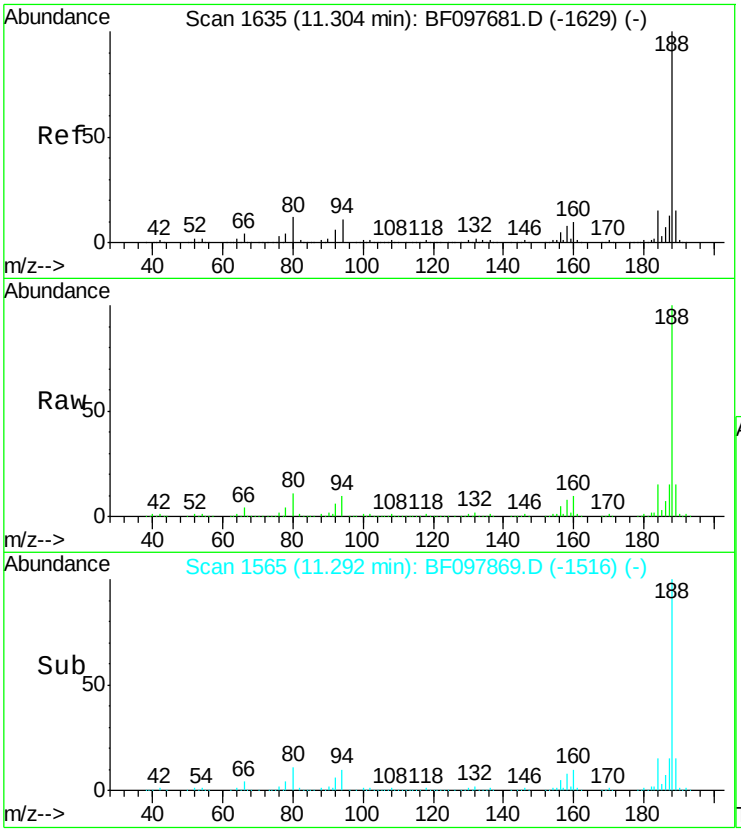


#56
2,4-Dinitrotoluene
Concen: 7.23 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:165 Resp: 26620

Ion	Ratio	Lower	Upper
165	100		
63	1.9	25.4	38.0#
89	2.4	46.4	69.6#
182	0.0	1.8	2.6#



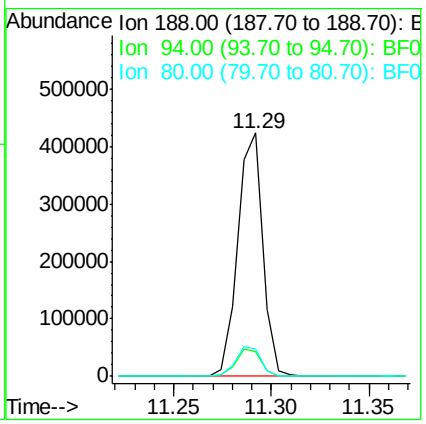


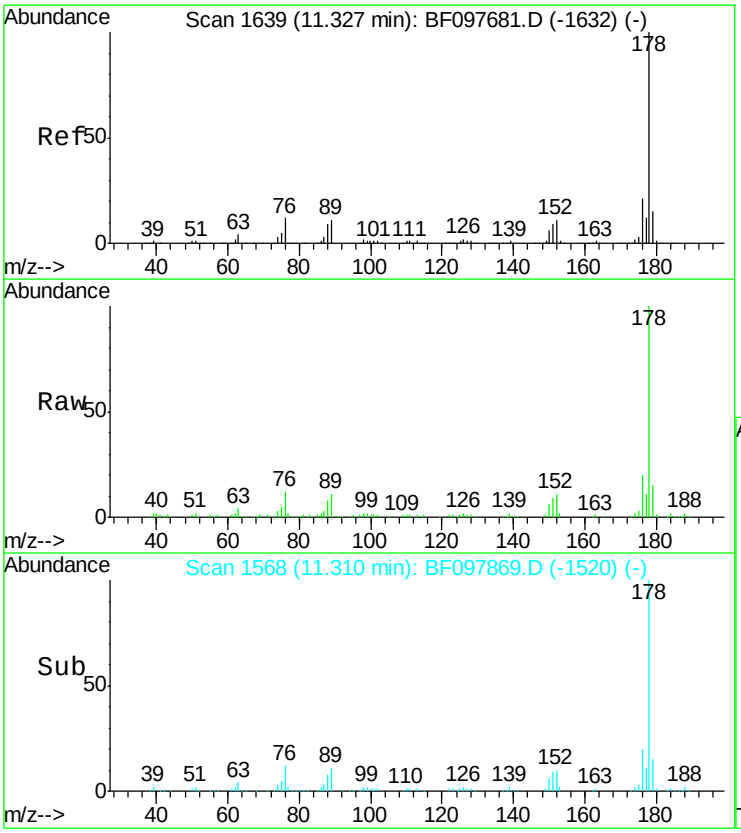
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:188 Resp: 376921

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.1	10.2	15.2

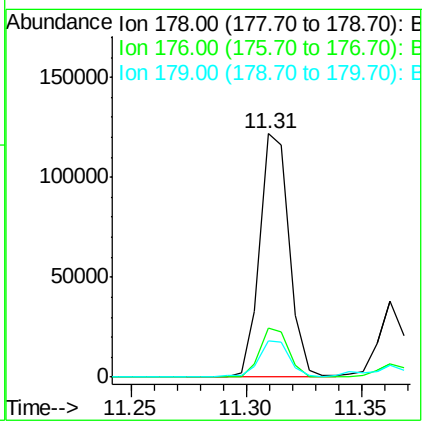


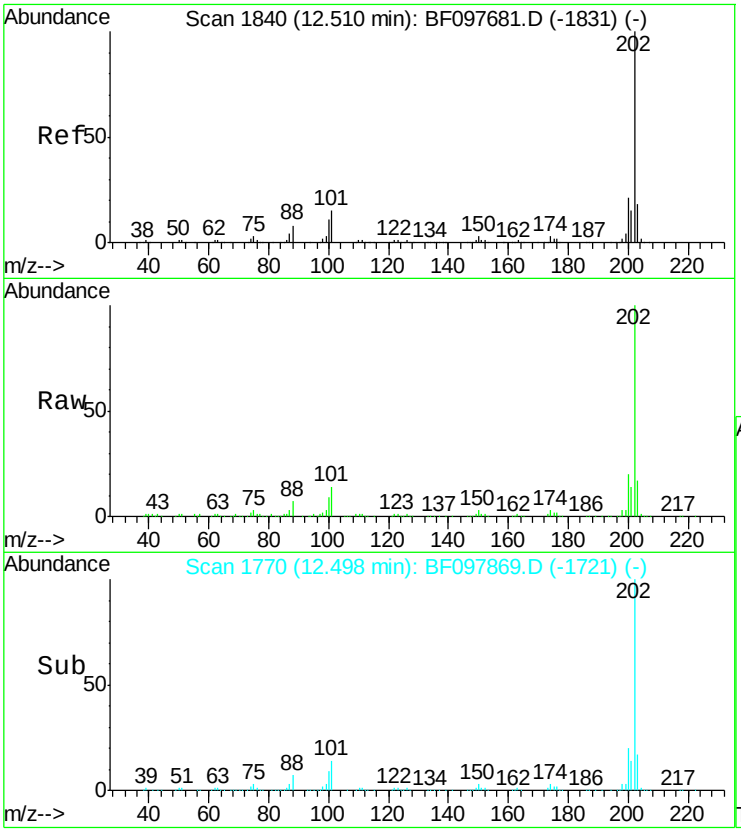


#70
Phenanthrene
Concen: 5.44 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:178 Resp: 109361

Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	14.7	12.6	19.0



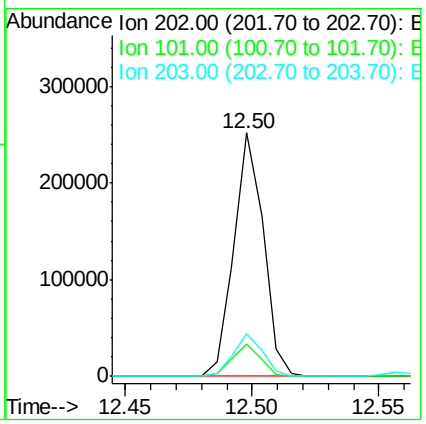


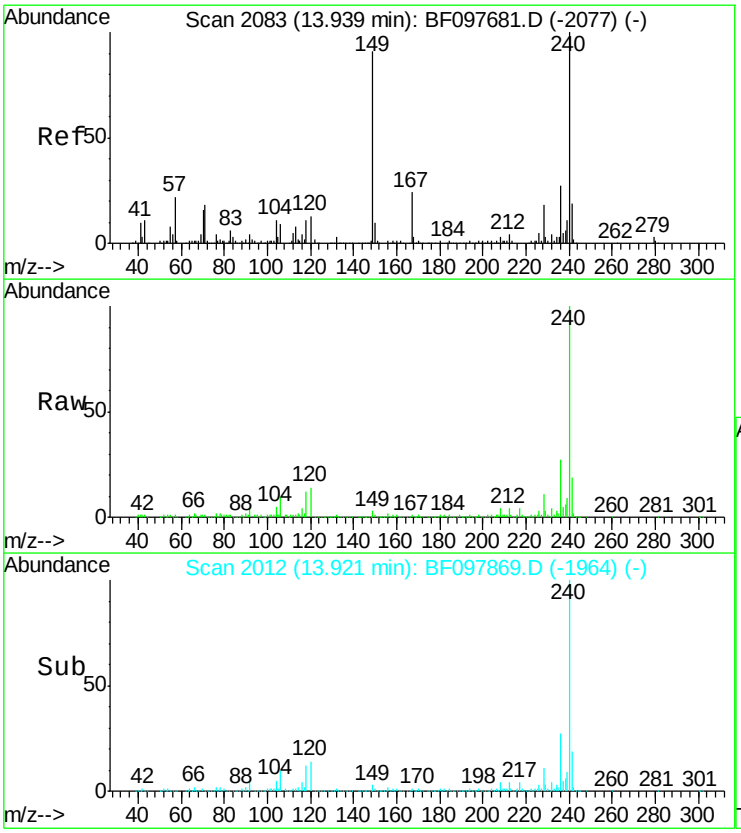
#74
Fluoranthene
Concen: 9.78 ng
RT: 12.50 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:202 Resp: 204999

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	33.2
203	17.3	0.0	38.1

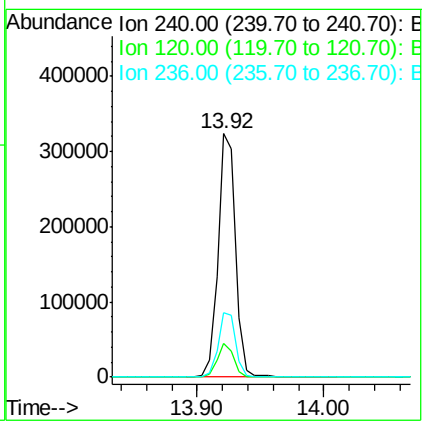


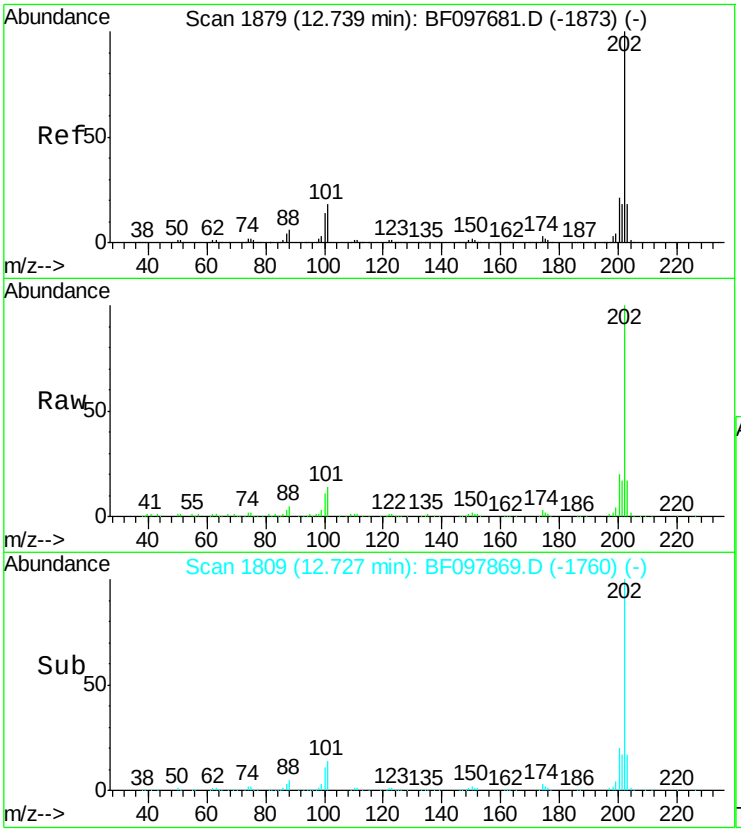


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:240 Resp: 311850

Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	26.6	20.5	30.7



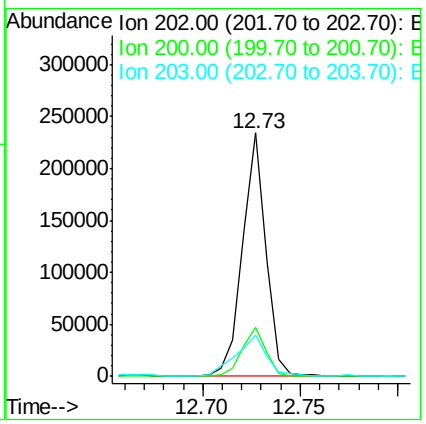


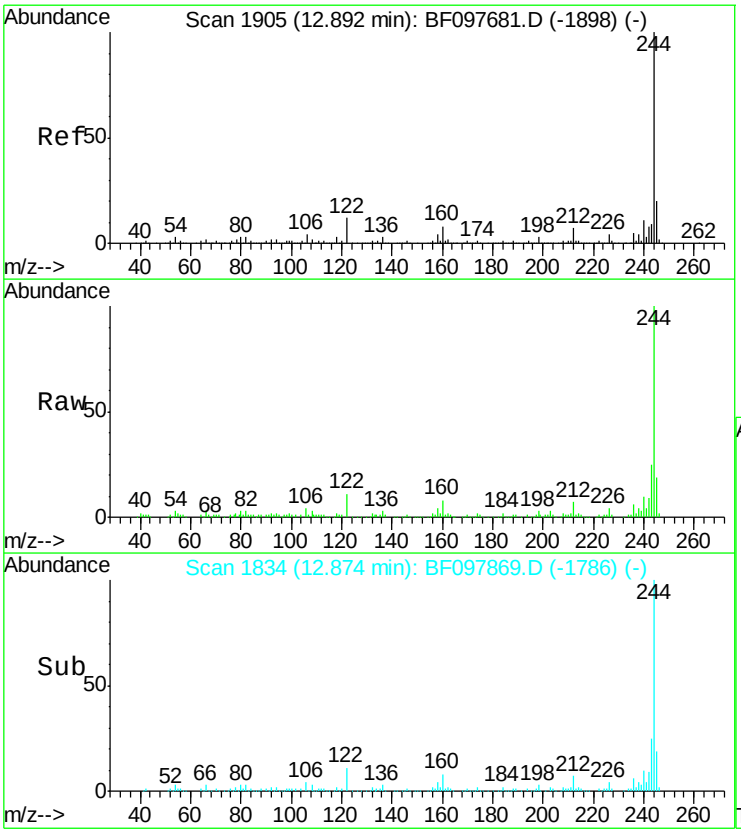
#77
Pyrene
Concen: 7.65 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:202 Resp: 195233

Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.6	26.4
203	16.8	14.4	21.6

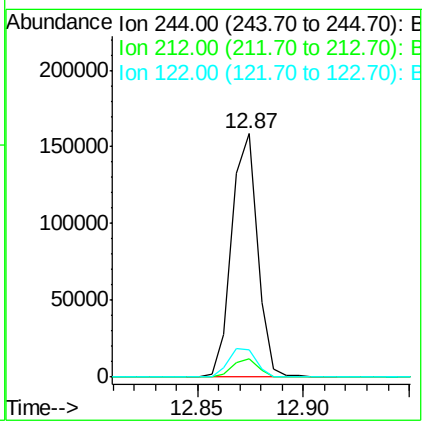


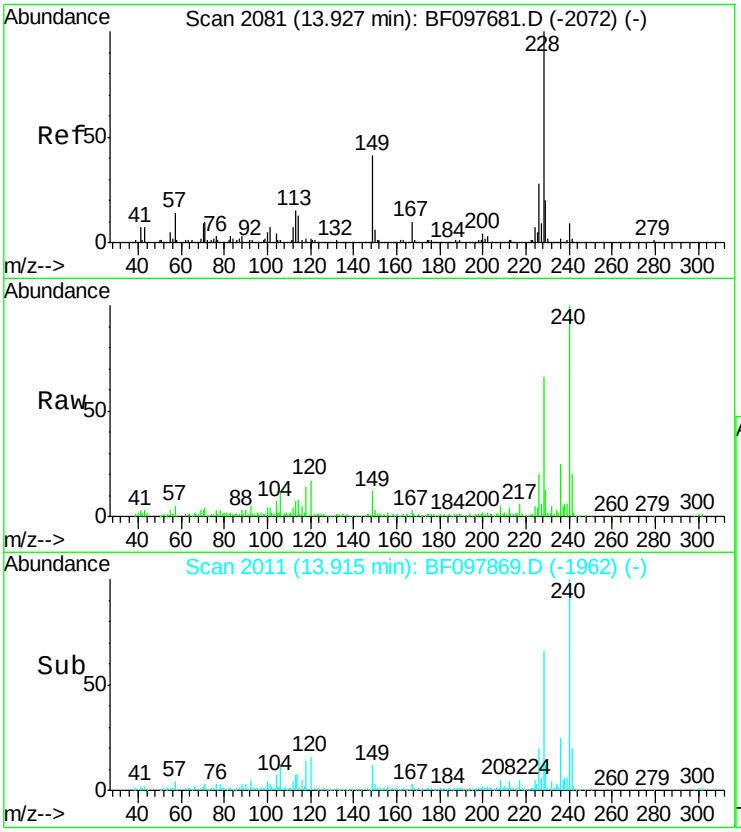


#78
Terphenyl-d14
Concen: 8.92 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:244 Resp: 133399

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.1	10.3	15.5



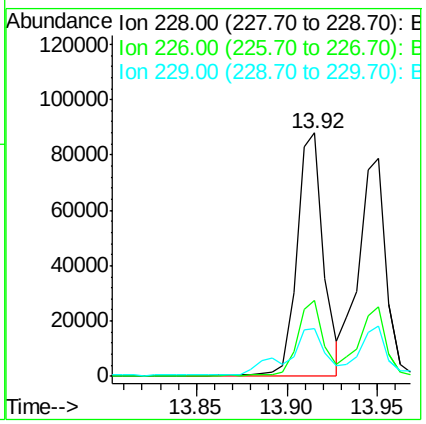


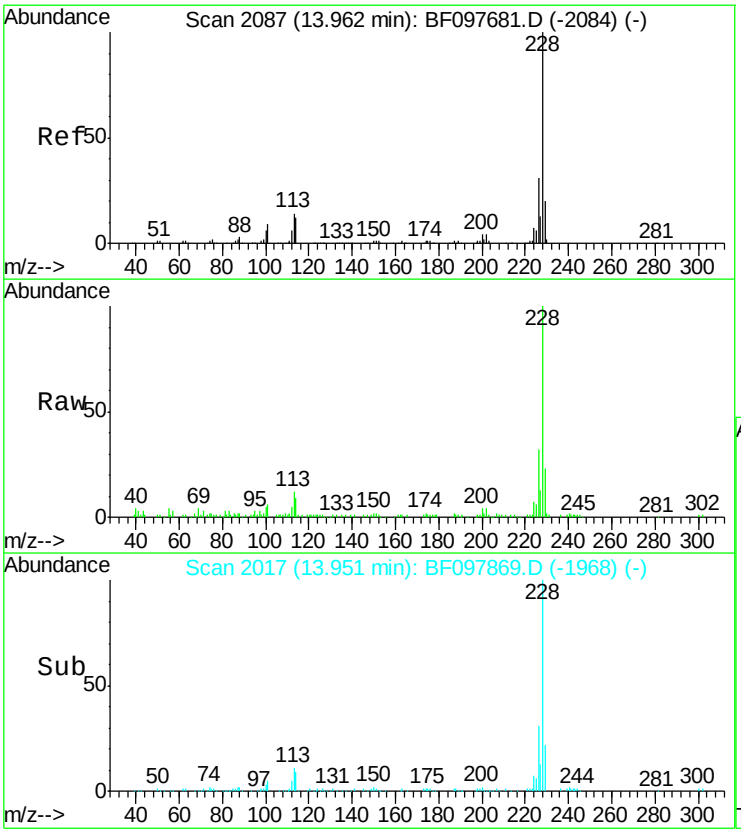
#80
Benzo(a)anthracene
Concen: 4.89 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:228 Resp: 91442

Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.6	33.8
229	19.4	16.3	24.5

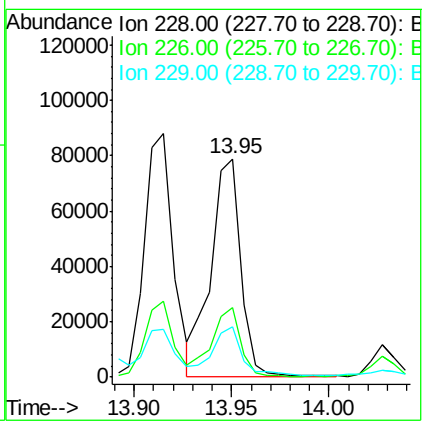


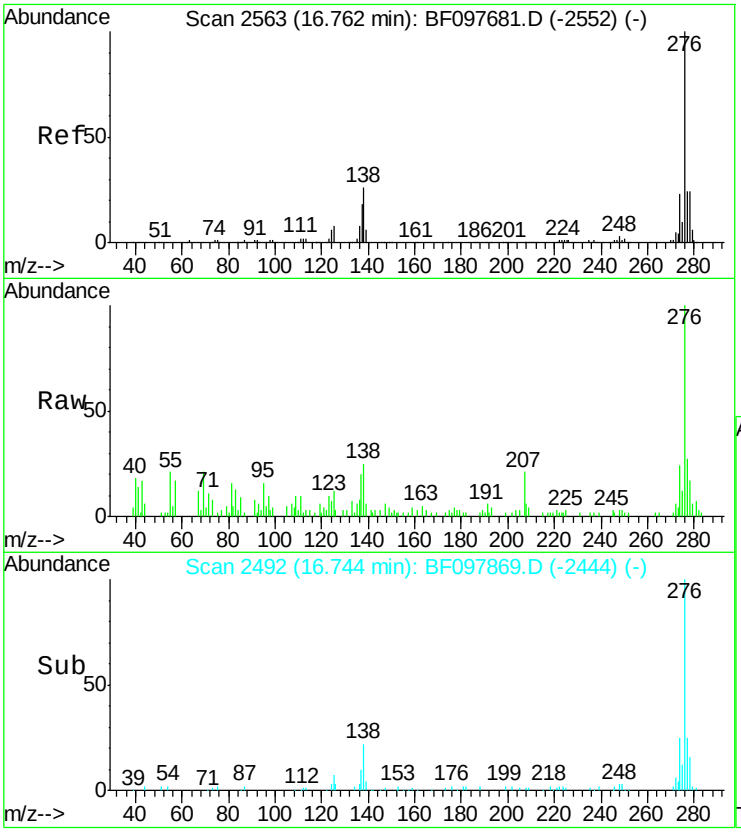


#82
Chrysene
Concen: 4.54 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:228 Resp: 84322

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	23.0	15.8	23.6



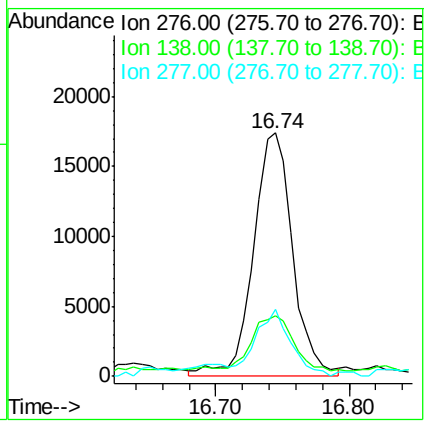


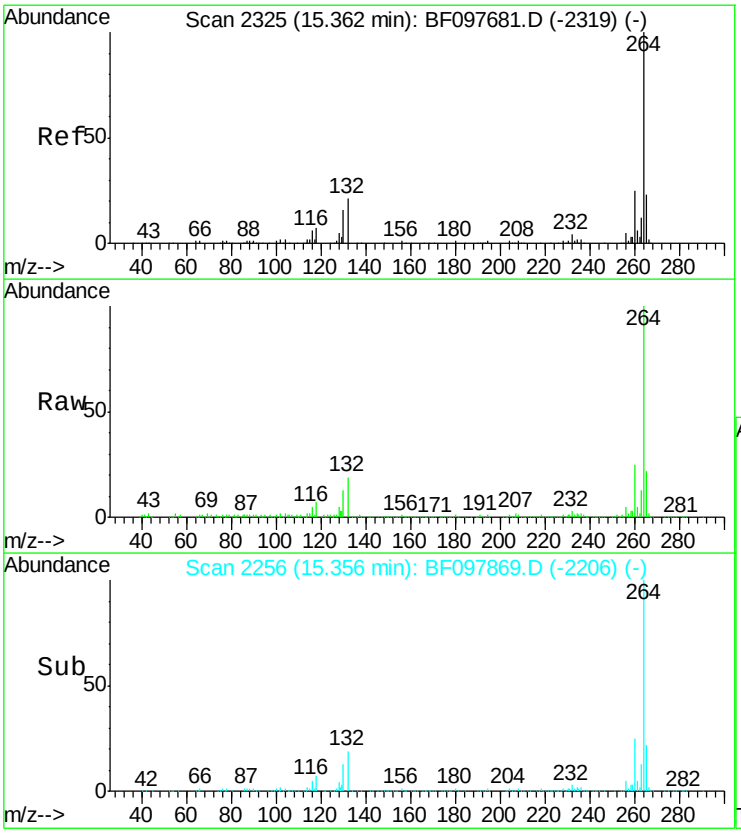
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.59 ng
RT: 16.74 min Scan# 2492
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:276 Resp: 35488

Ion	Ratio	Lower	Upper
276	100		
138	22.9	27.8	41.6#
277	24.9	20.2	30.4

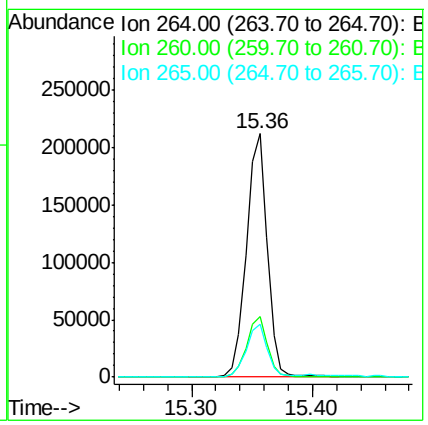


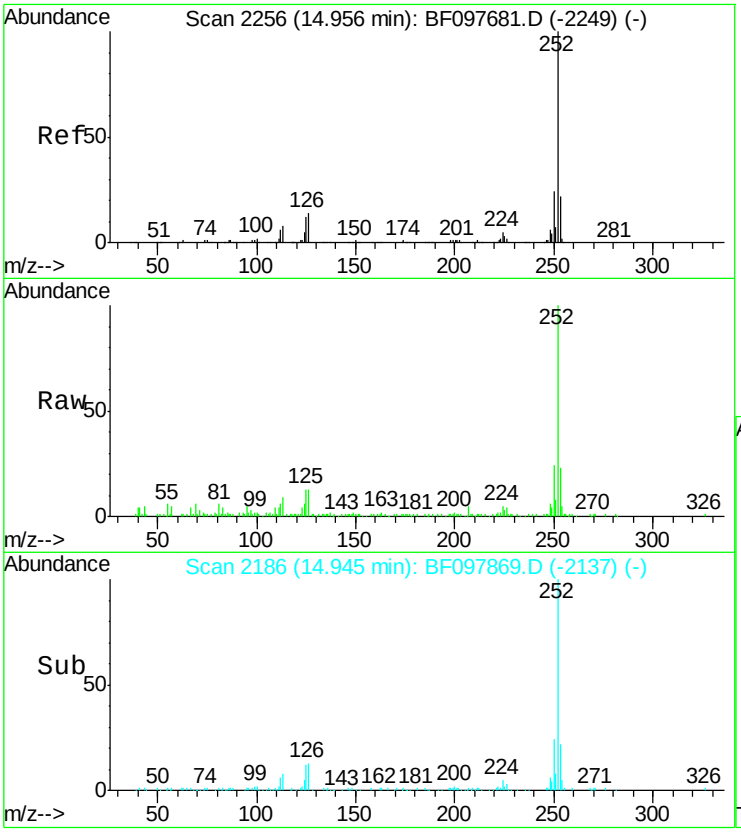


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:264 Resp: 257219

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.6	17.2	25.8



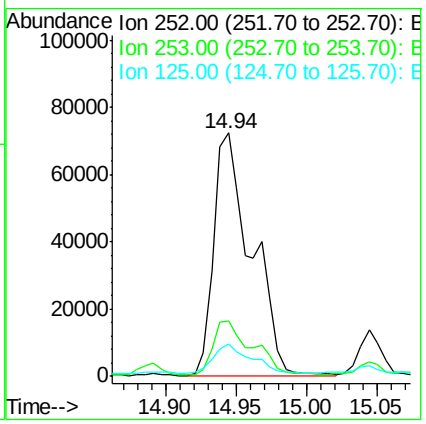


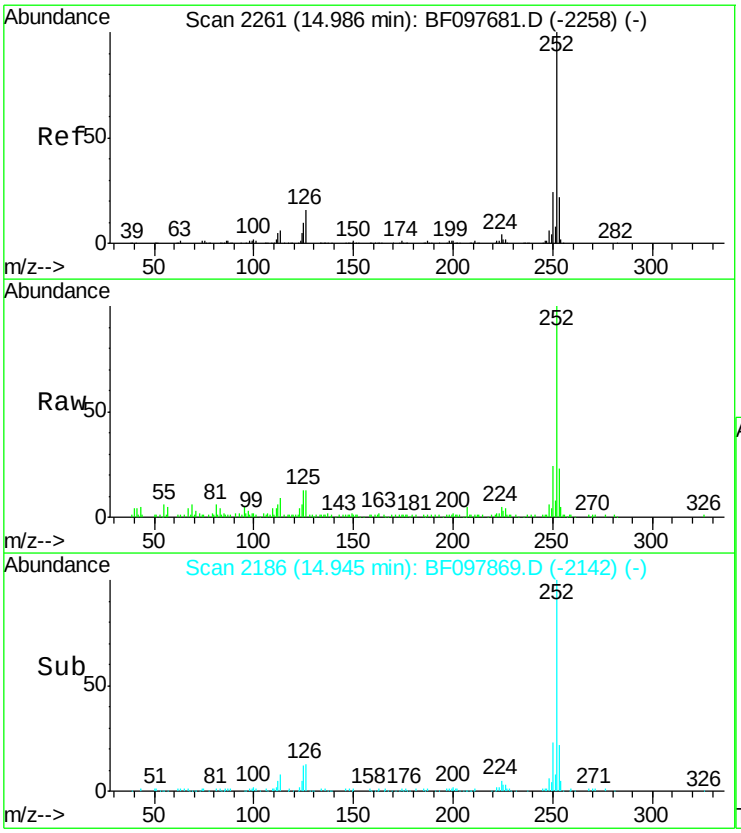
#87
Benzo(b)fluoranthene
Concen: 8.39 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:252 Resp: 136009

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

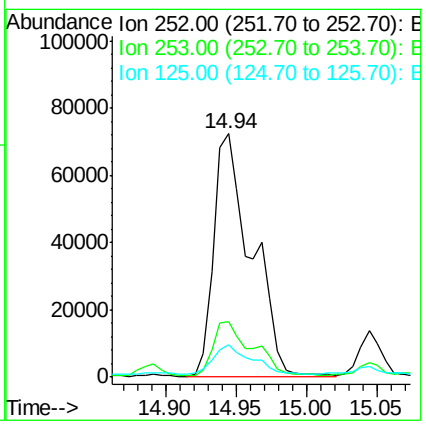


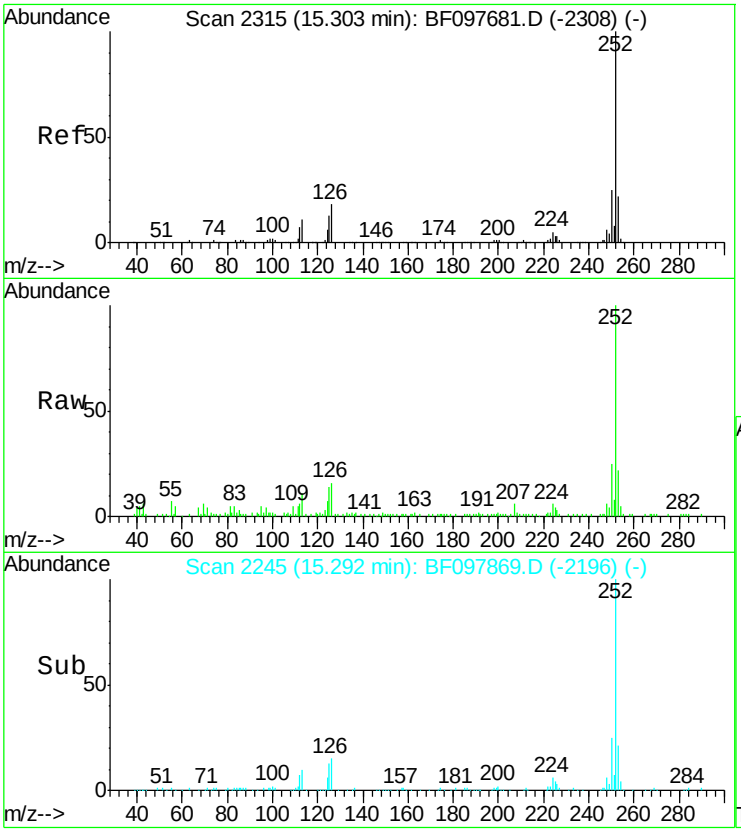


#88
Benzo(k)fluoranthene
Concen: 8.93 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.04 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:252 Resp: 136009

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



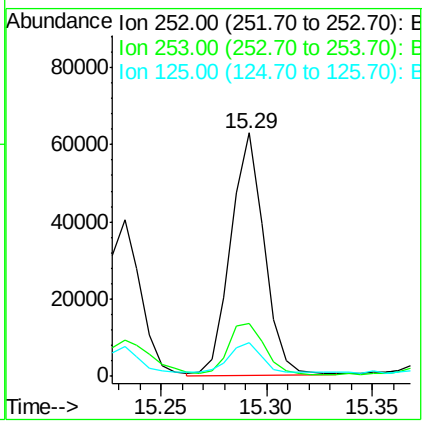


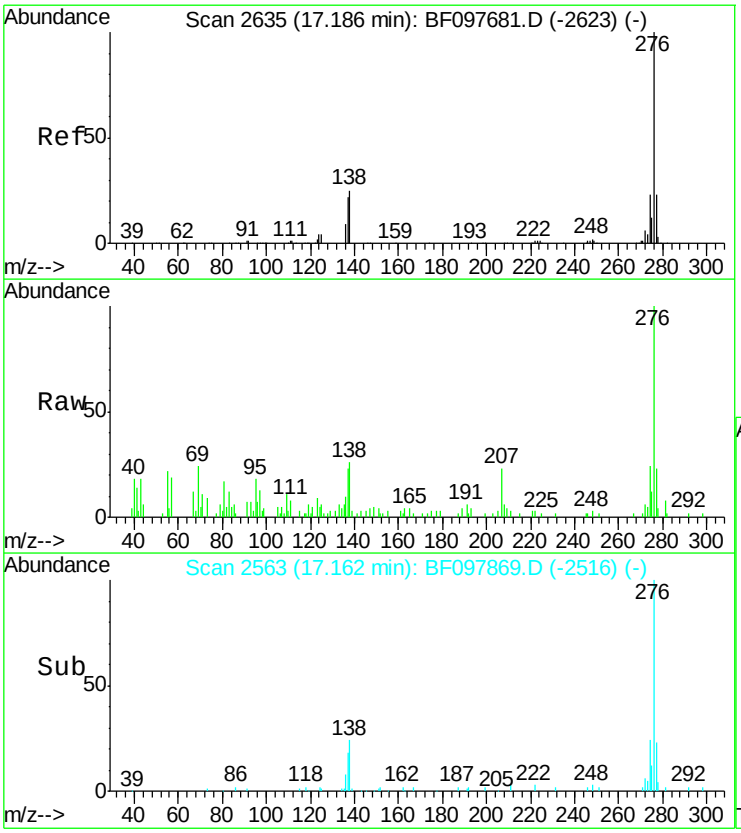
#89
Benzo(a)pyrene
Concen: 4.81 ng
RT: 15.29 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Instrument :
BNA_F
ClientSampleId :
E2-K10-ESW

Tgt Ion:252 Resp: 69058

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	14.1	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.66 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.02 min
Lab File: BF097869.D
Acq: 19 Aug 2017 8:52

Tgt Ion:276 Resp: 32416

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	26.4	25.4	38.0