Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\

Quantitation Report (Not Reviewed)

Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B1-1

Quant Time: Feb 21 03:14:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156667	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	602153	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	264482	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	435616	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	308756	20.00	ng		-0.01
86) Perylene-d12	15.44	264	321100	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1011166	110.73	ng		0.00
7) Phenol-d6	6.49	99	1259070	107.16	ng		0.00
23) Nitrobenzene-d5	7.41	82	706404	65.33	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	216500	113.18	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1030236	70.57	ng		-0.01
78) Terphenyl-d14	12.96	244	682796	51.96	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	17566	2.09	ng	#	80
10) Phenol	6.50	94	42845	3.12	ng	#	69
25) Isophorone	7.41	82	583459	28.96	ng	#	65
31) Naphthalene	8.16	128	217776	7.13	ng		98
32) Benzoic acid	7.92	122	2348	7.55	ng	#	44
49) Dimethylphthalate	9.61	163	416626	23.39	ng		100
53) 2,4-Dinitrophenol	10.18	184	422	4.94	ng	#	30
56) 2,4-Dinitrotoluene	9.88	165	36058	7.04	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.67	198	673	2.91	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	14726	3.24	ng	#	1
70) Phenanthrene	11.39	178	278099	11.14	ng		98
71) Anthracene	11.45	178	69574	2.78	ng		99
74) Fluoranthene	12.59	202	526661	20.46	ng		95
77) Pyrene	12.81	202	478898	20.73	ng		98
80) Benzo(a)anthracene	14.00	228	347025	18.38	ng		98
82) Chrysene	14.03	228	228961	12.95	ng		97
85) Indeno(1,2,3-cd)pyrene	16.84	276	215085	15.71	ng		96
87) Benzo(b)fluoranthene	15.03	252	518109	24.51	ng	#	96
88) Benzo(k)fluoranthene	15.03	252	518109	28.39	ng	#	95
89) Benzo(a)pyrene	15.38	252	317171	17.35	ng		98
90) Dibenzo(a,h)anthracene	16.84	278	65517	4.43	ng	#	76
91) Benzo(g,h,i)perylene	17.27	276	216343	14.49	ng	#	90

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

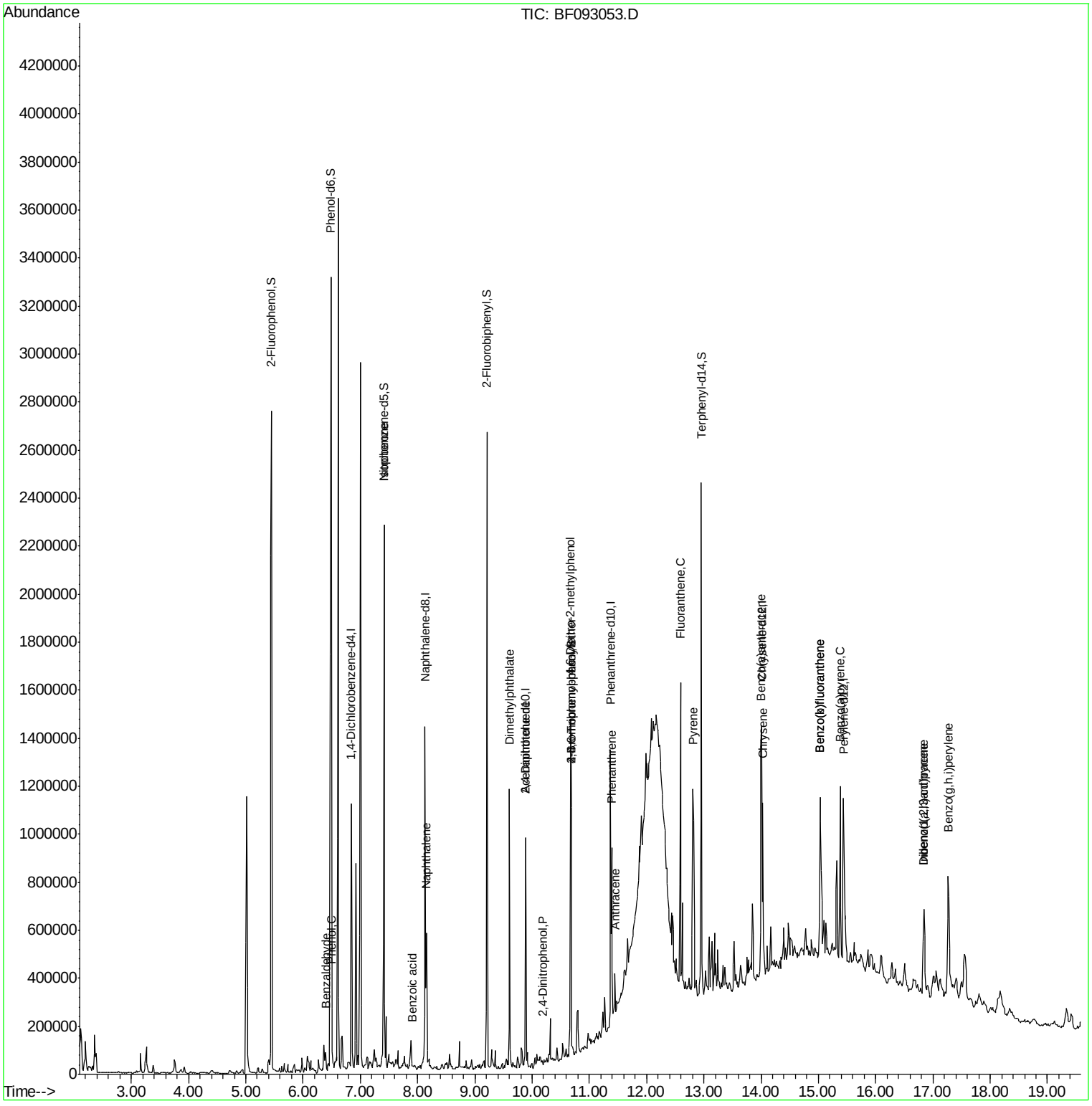
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022017\

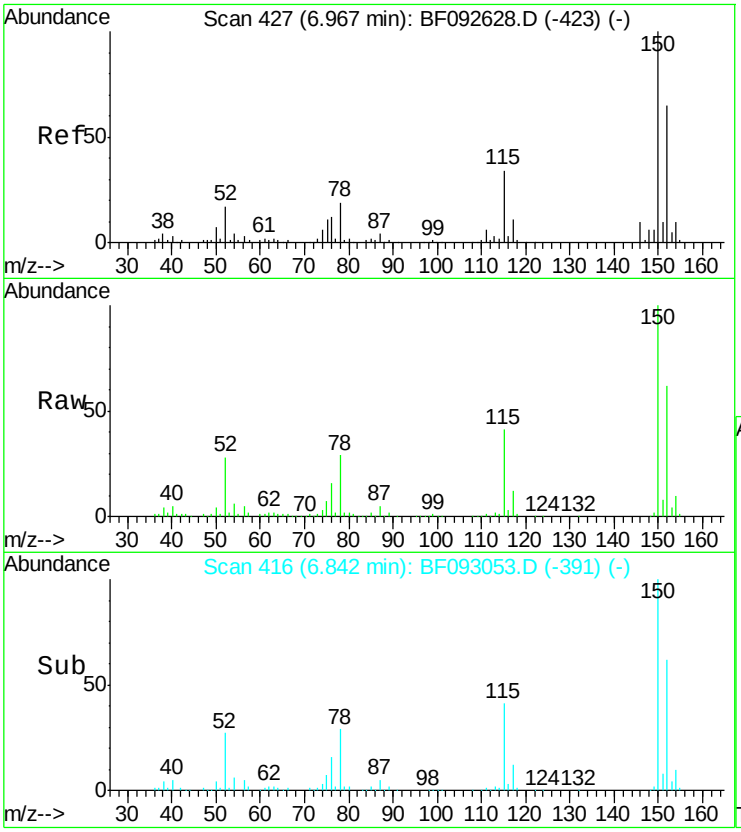
Quantitation Report (Not Reviewed)

Data File : BF093053.D
Acq On : 21 Feb 2017 2:39
Operator : SJ/MA
Sample : I1915-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-1

Quant Time: Feb 21 03:14:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



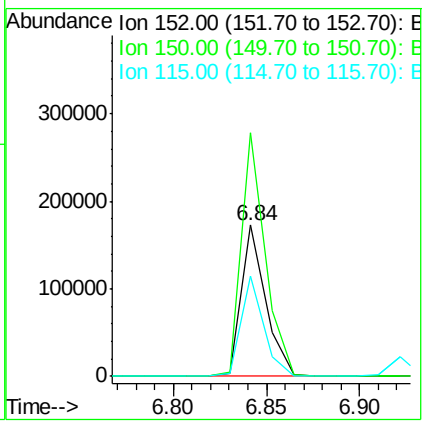


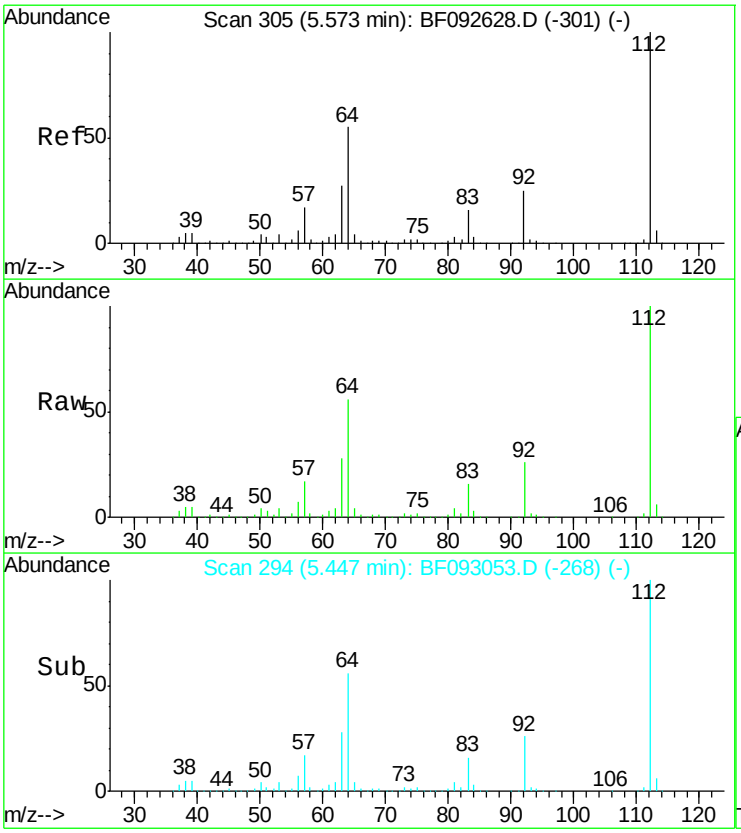
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:152 Resp: 156667

Ion	Ratio	Lower	Upper
152	100		
150	161.0	124.9	187.3
115	66.7	46.0	69.0

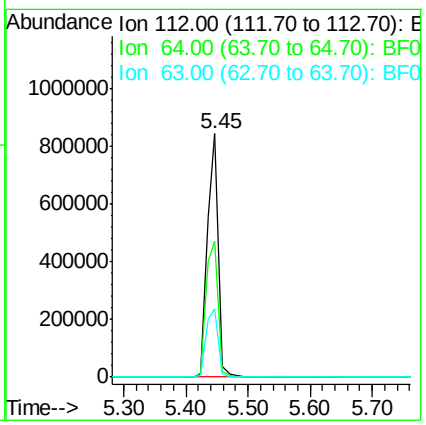


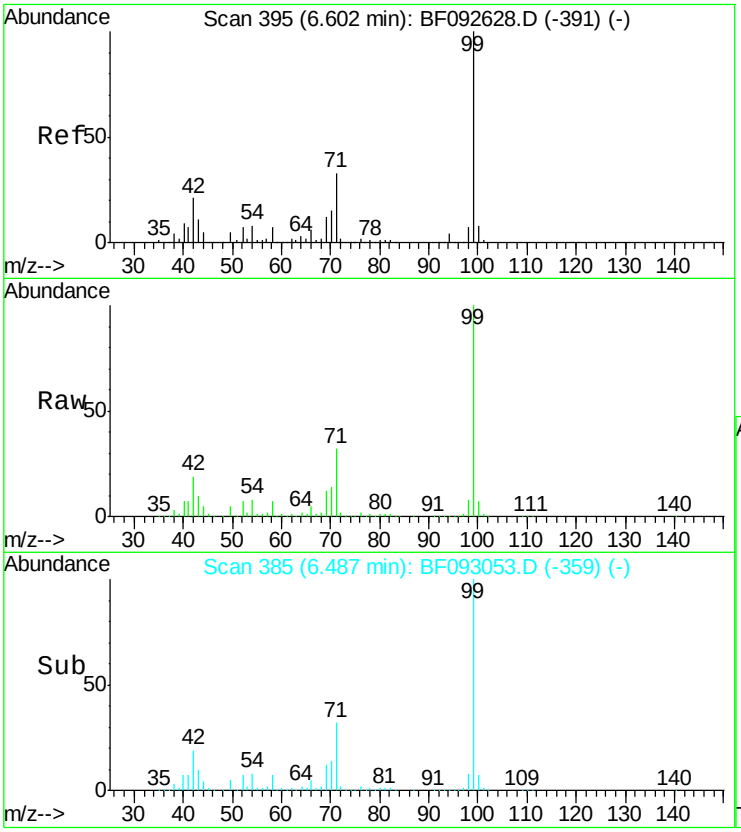


#5
2-Fluorophenol
Concen: 110.73 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:112 Resp: 1011166

Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.1	69.1
63	28.2	23.8	35.6



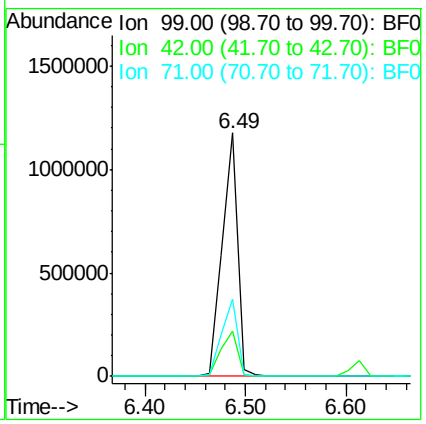


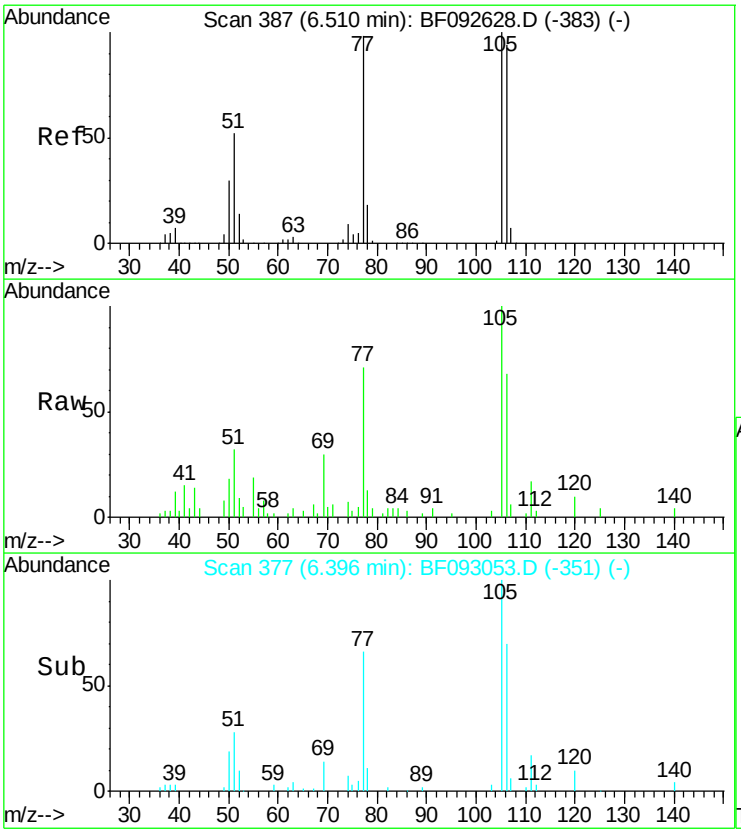
#7
Phenol-d6
Concen: 107.16 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion: 99 Resp: 1259070

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	31.8	27.5	41.3

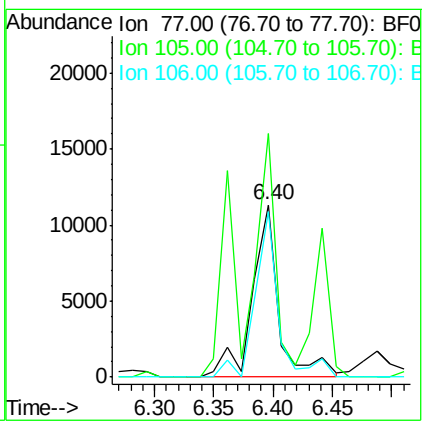


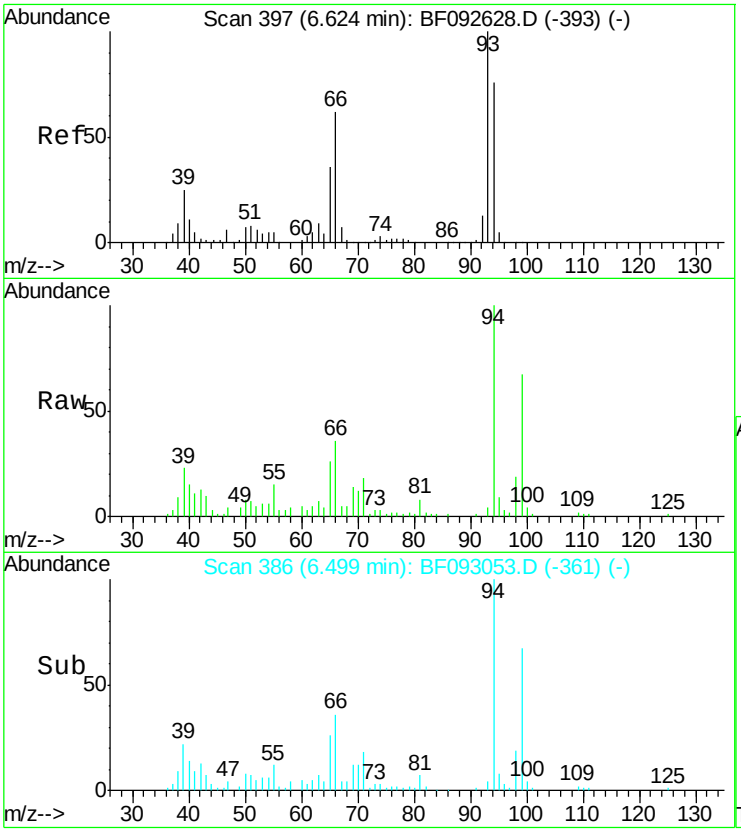


#9
Benzaldehyde
Concen: 2.09 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion: 77 Resp: 17566

Ion	Ratio	Lower	Upper
77	100		
105	141.4	83.9	123.9#
106	96.4	77.6	117.6



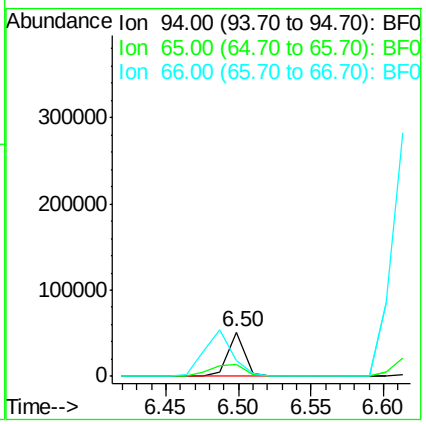


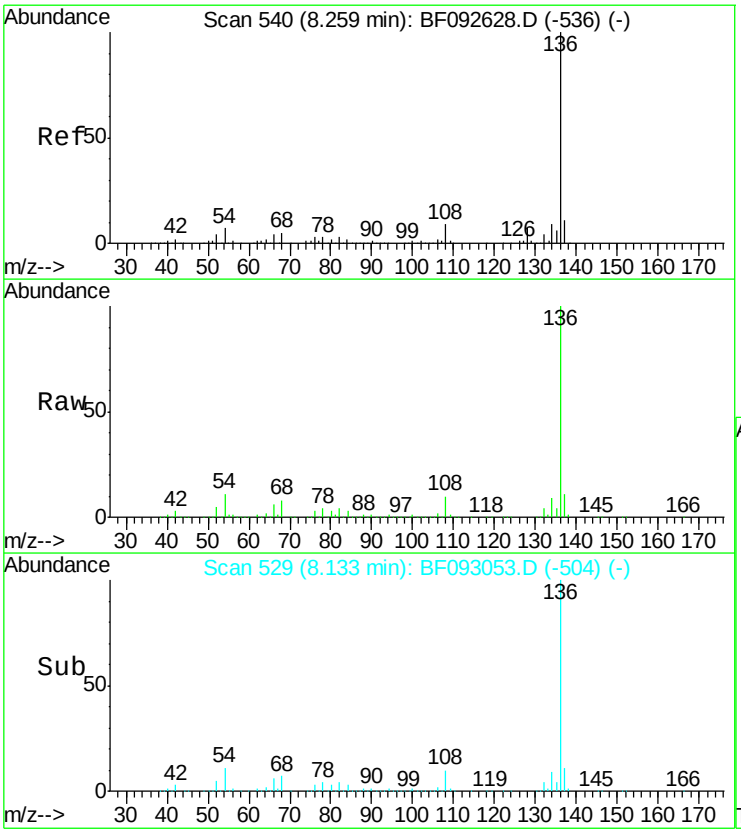
#10
Phenol
Concen: 3.12 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion: 94 Resp: 42845

Ion	Ratio	Lower	Upper
94	100		
65	26.4	21.4	61.4
66	35.6	44.0	84.0#

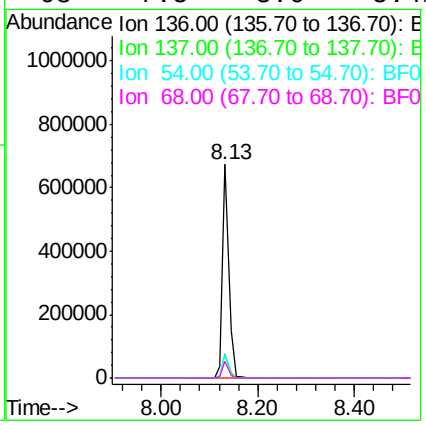


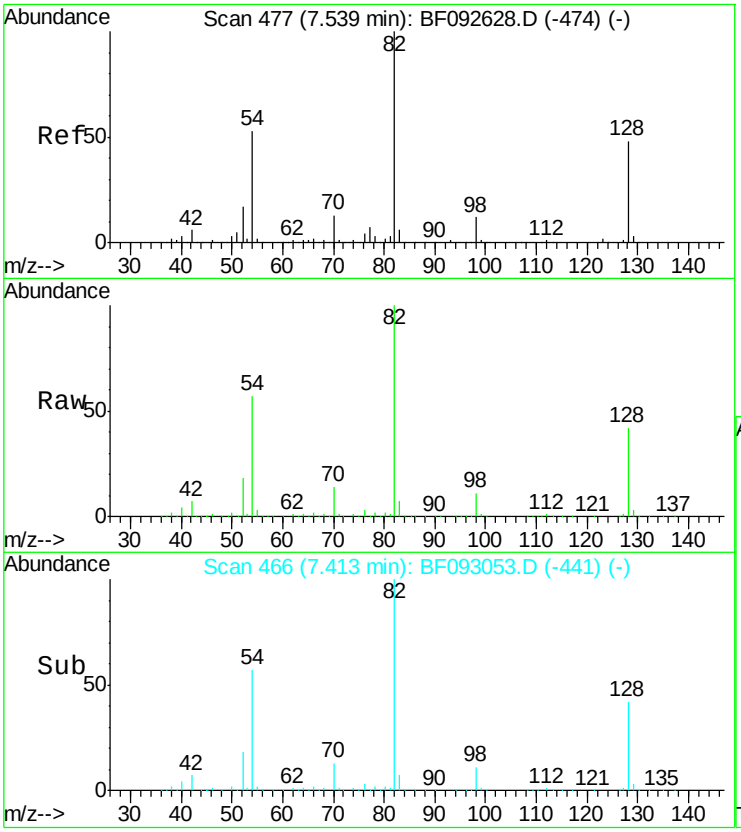


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:136 Resp: 602153

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	11.0	4.5	6.7#
68	7.5	3.6	5.4#



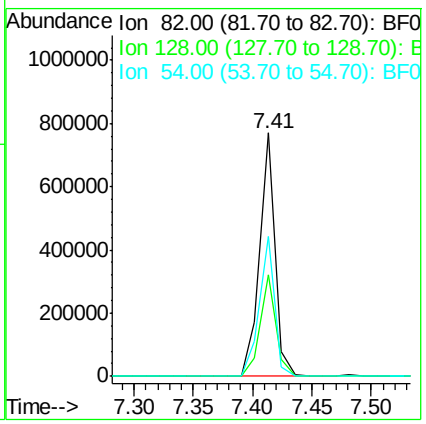


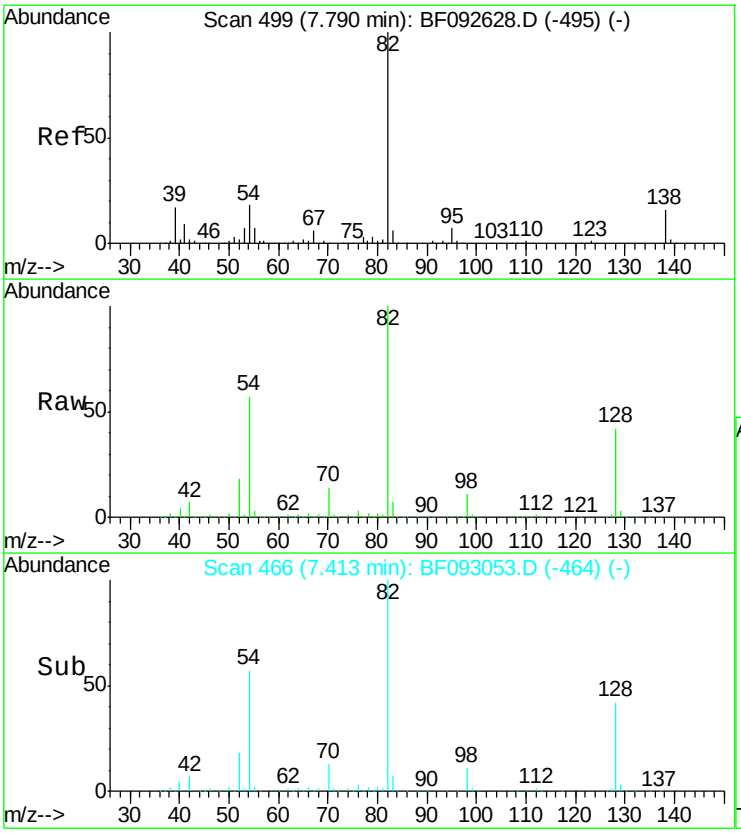
#23
Nitrobenzene-d5
Concen: 65.33 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion: 82 Resp: 706404

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.6	52.0
54	57.4	39.5	59.3

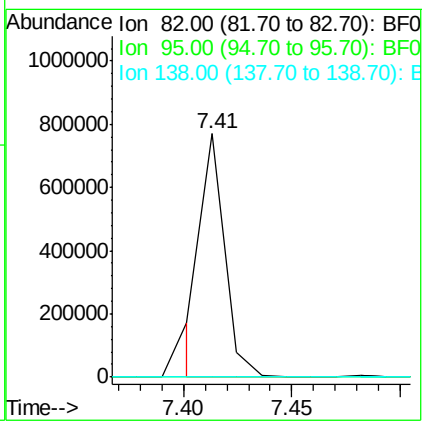


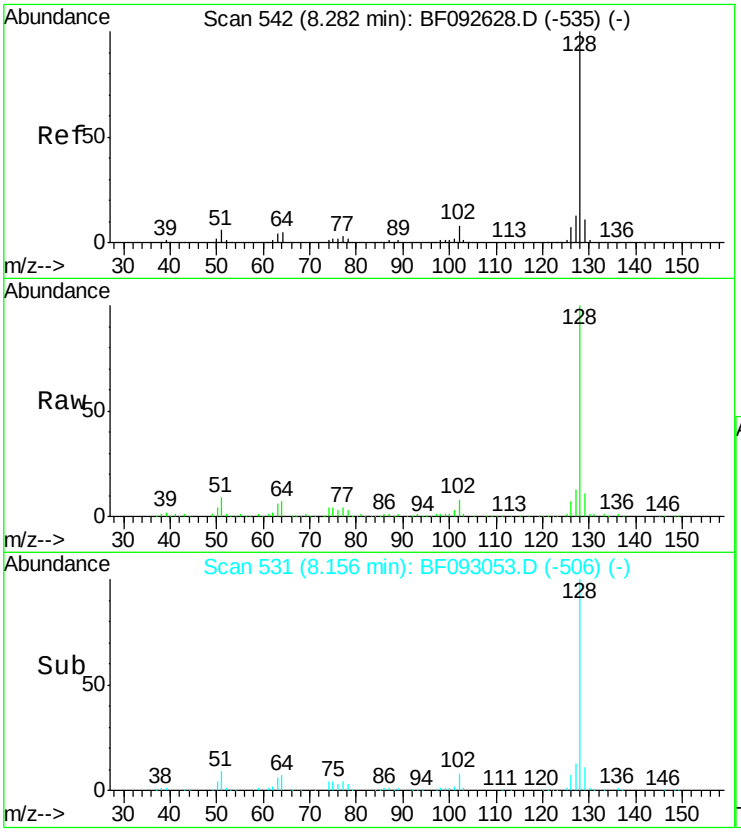


#25
Isophorone
Concen: 28.96 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion: 82 Resp: 583459

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



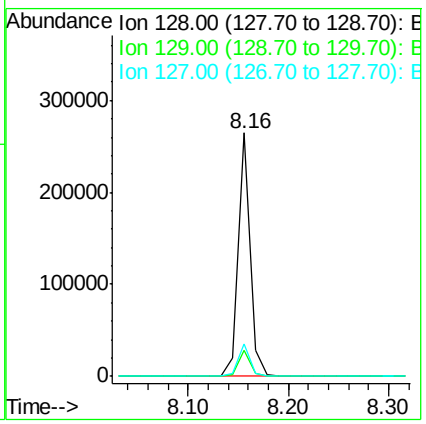


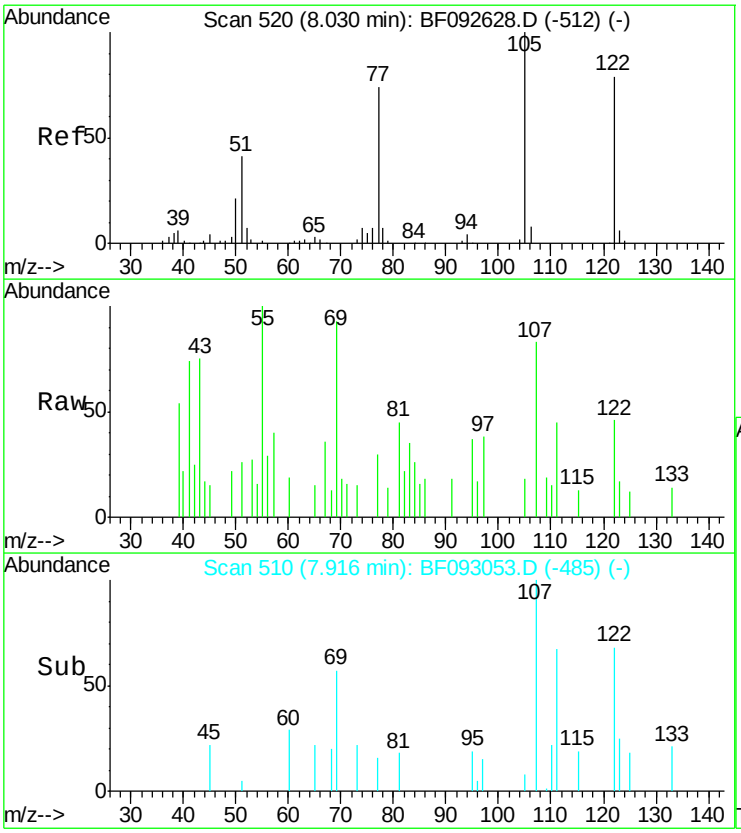
#31
Naphthalene
Concen: 7.13 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:128 Resp: 217776

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.5	14.3
127	13.2	10.8	16.2

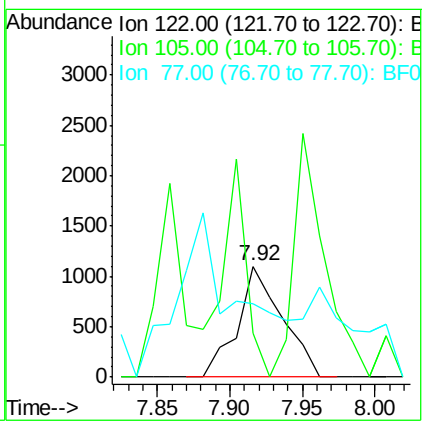


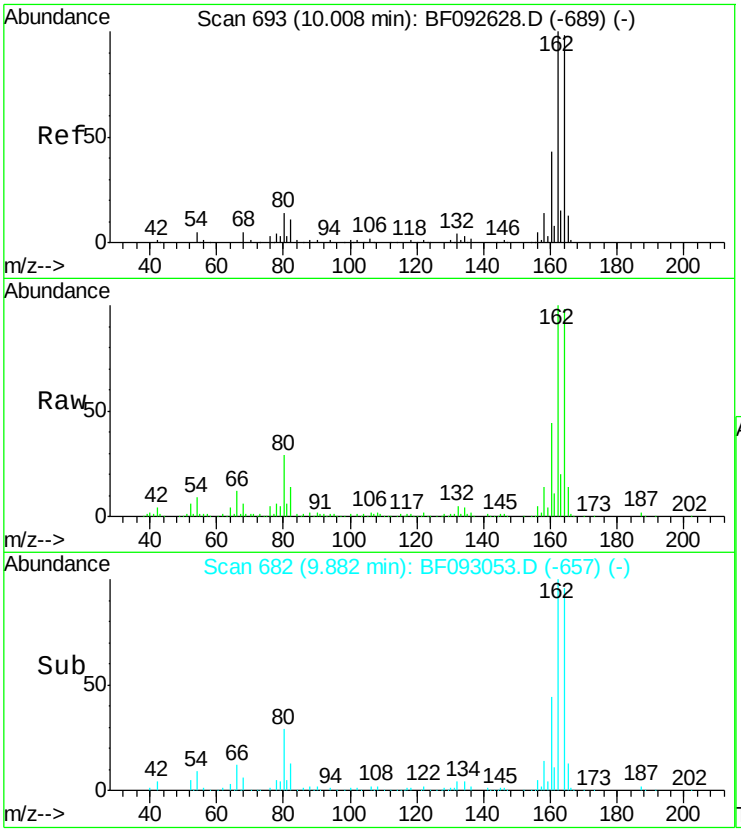


#32
Benzoic acid
Concen: 7.55 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:122 Resp: 2348

Ion	Ratio	Lower	Upper
122	100		
105	39.9	107.2	147.2#
77	66.4	74.5	114.5#



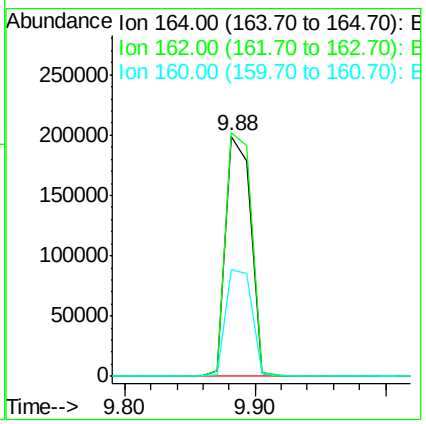


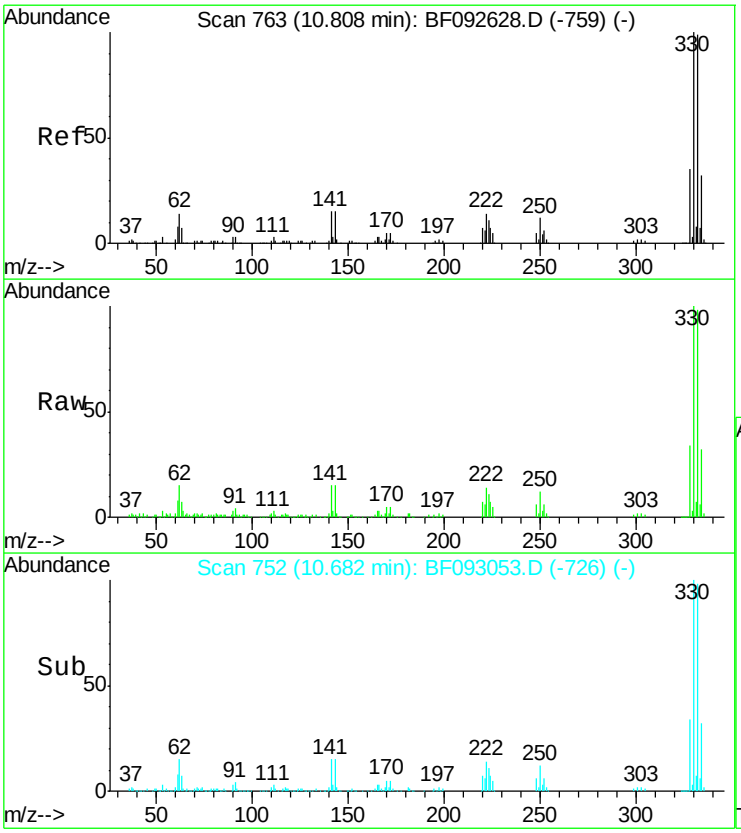
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:164 Resp: 264482

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	44.4	36.9	55.3

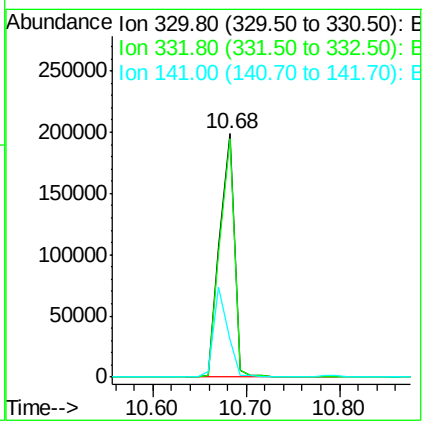


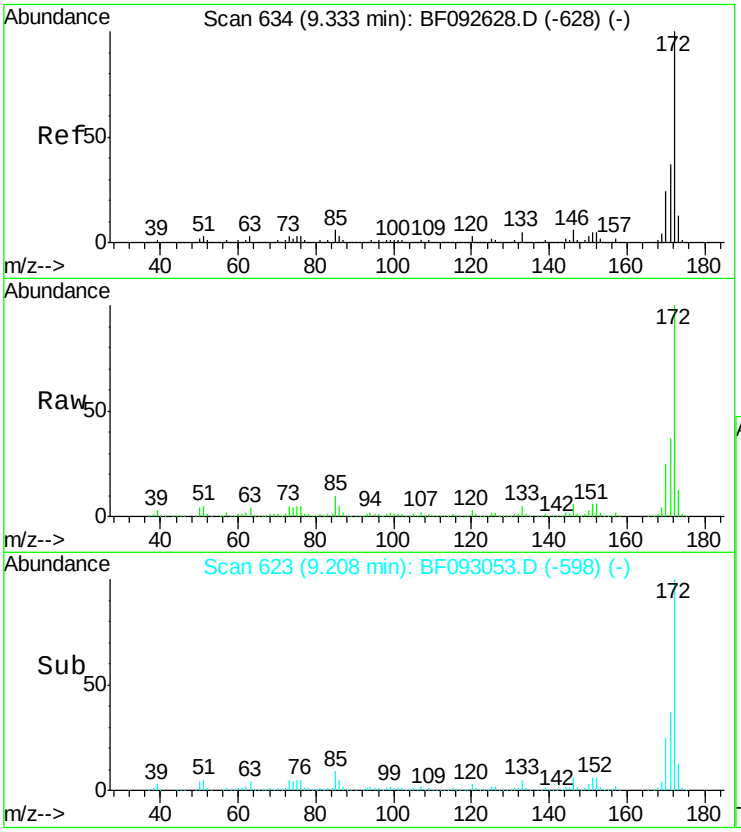


#41
2,4,6-Tribromophenol
Concen: 113.18 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:330 Resp: 216500

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	35.2	34.1	51.1



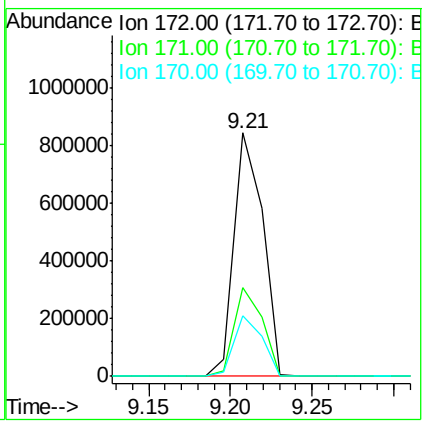


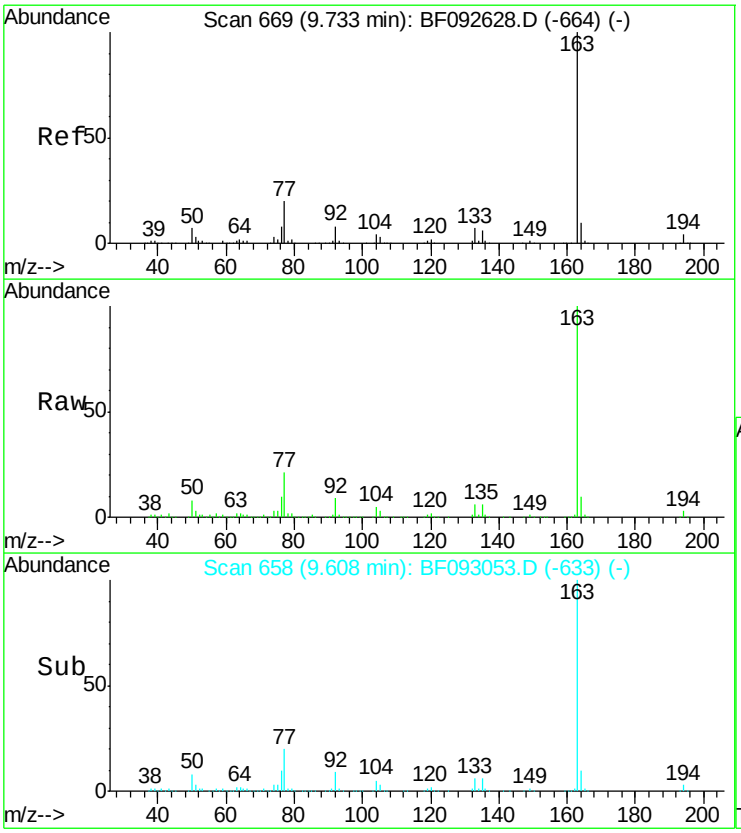
#44
2-Fluorobiphenyl
Concen: 70.57 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:172 Resp: 1030236

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	24.7	20.2	30.4

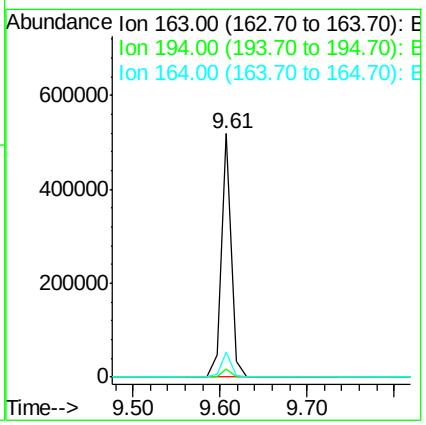


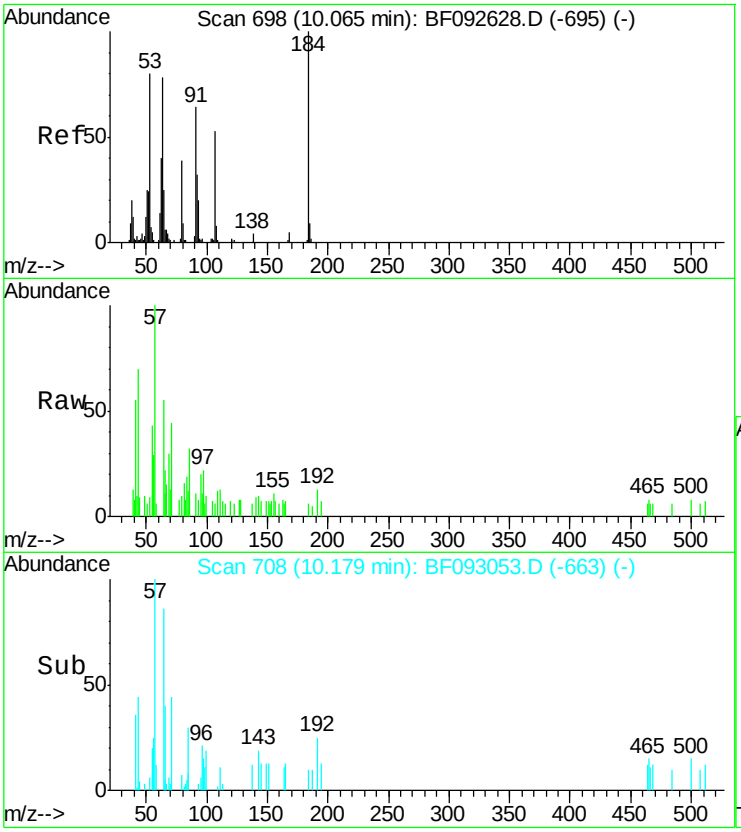


#49
Dimethylphthalate
Concen: 23.39 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:163 Resp: 416626

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.2	8.0	12.0



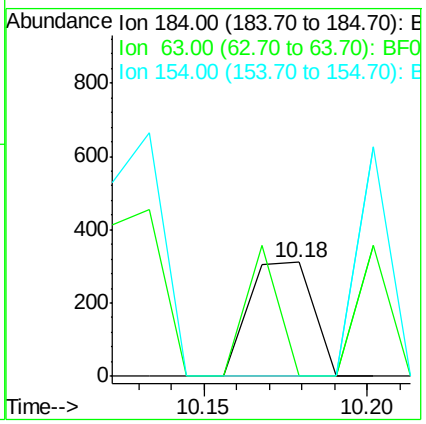


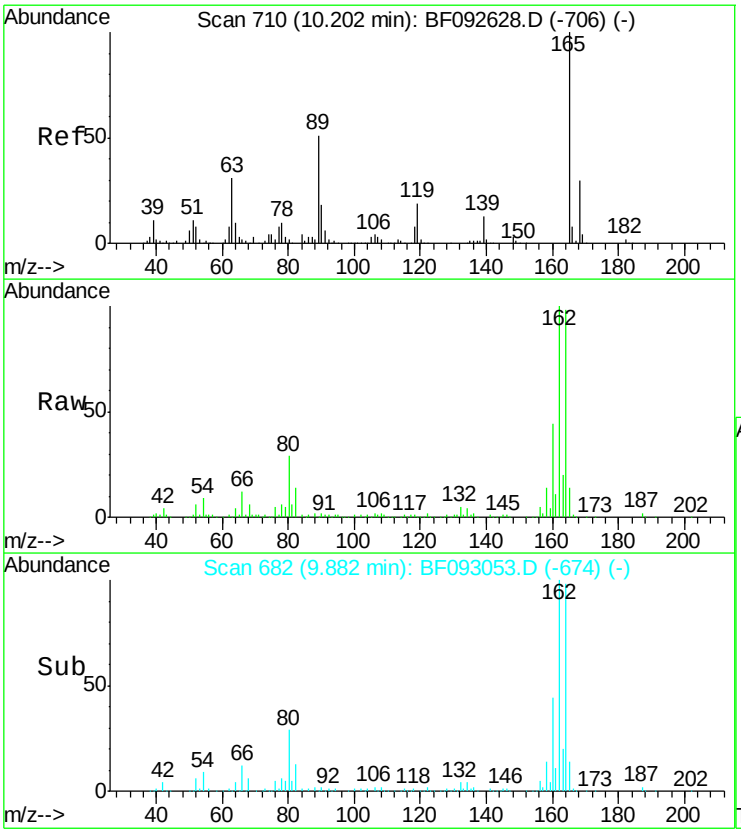
#53
2,4-Dinitrophenol
Concen: 4.94 ng
RT: 10.18 min Scan# 708
Delta R.T. 0.22 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:184 Resp: 422

Ion	Ratio	Lower	Upper
184	100		
63	0.0	28.4	42.6#
154	0.0	44.3	66.5#

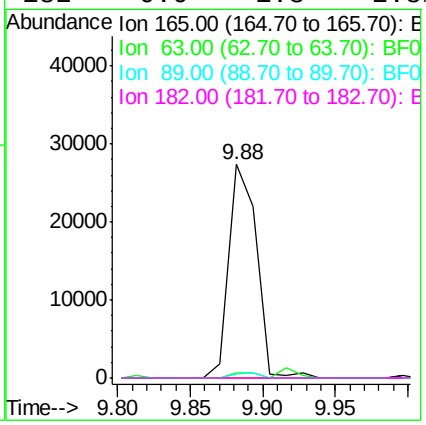


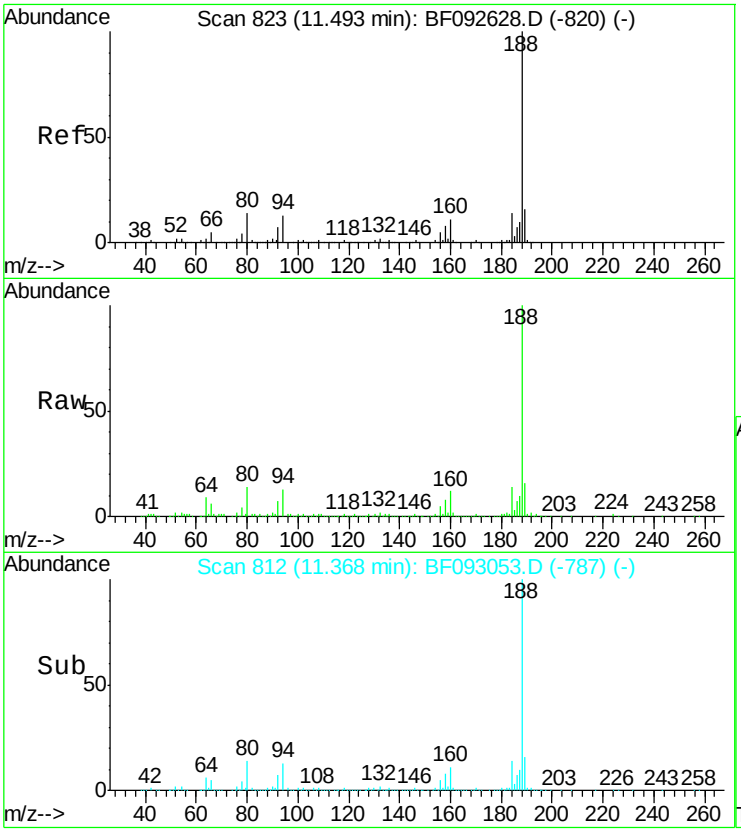


#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:165 Resp: 36058

Ion	Ratio	Lower	Upper
165	100		
63	2.3	40.2	60.4#
89	2.0	62.5	93.7#
182	0.0	1.8	2.8#



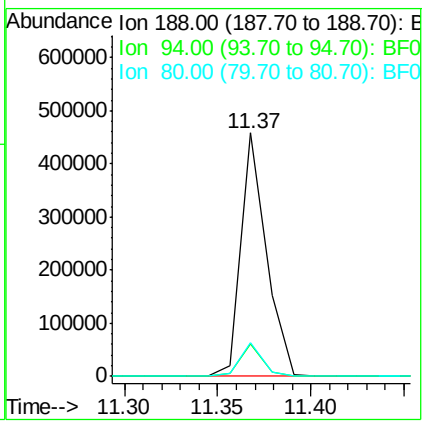


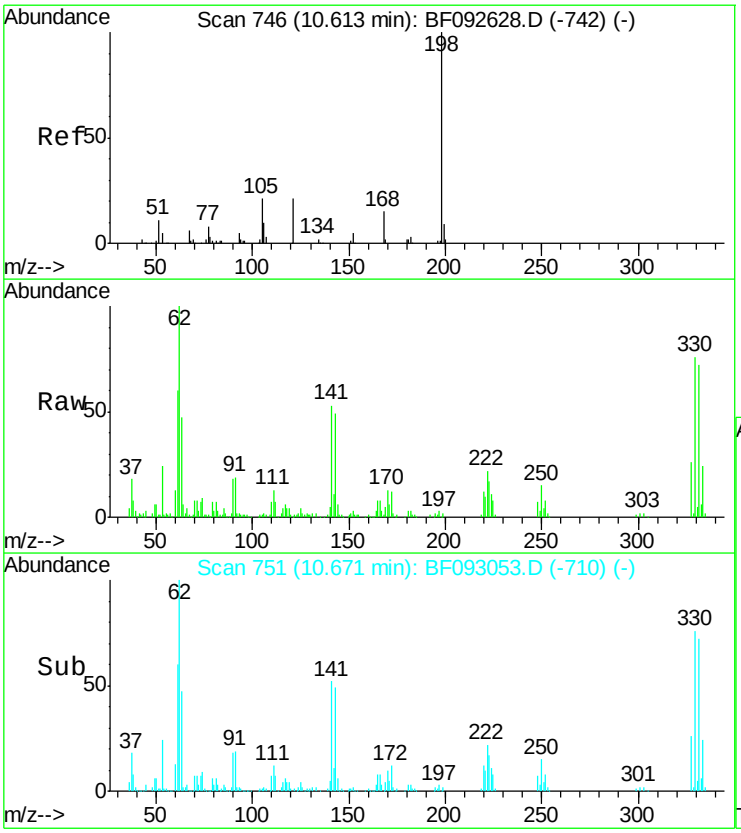
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:188 Resp: 435616

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	13.9	11.2	16.8

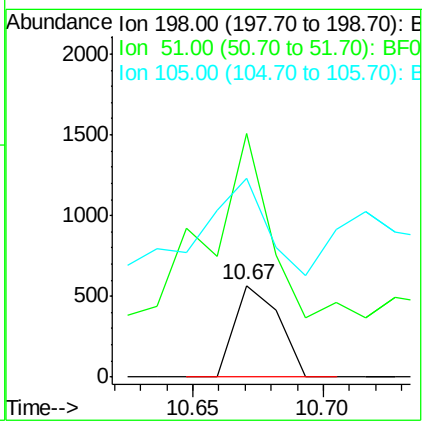


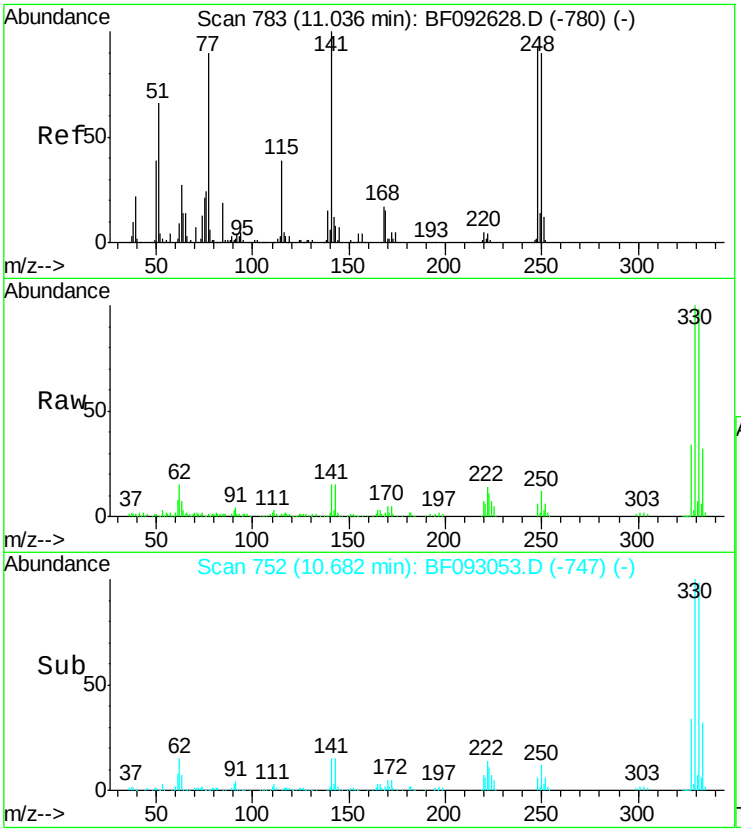


#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:198 Resp: 673

Ion	Ratio	Lower	Upper
198	100		
51	265.3	6.7	46.7#
105	216.9	16.6	56.6#



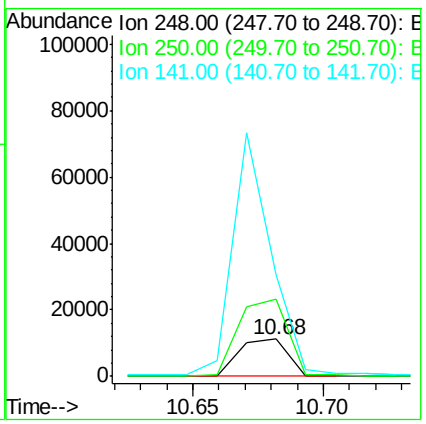


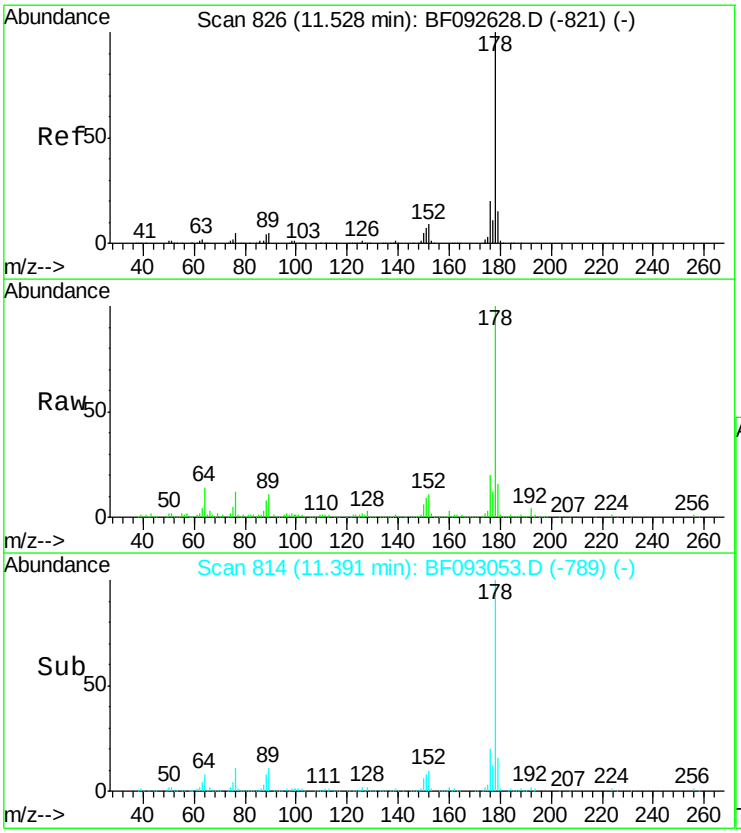
#66
4-Bromophenyl-phenylether
Concen: 3.24 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:248 Resp: 14726

Ion	Ratio	Lower	Upper
248	100		
250	206.3	76.9	115.3#
141	272.7	68.2	102.4#

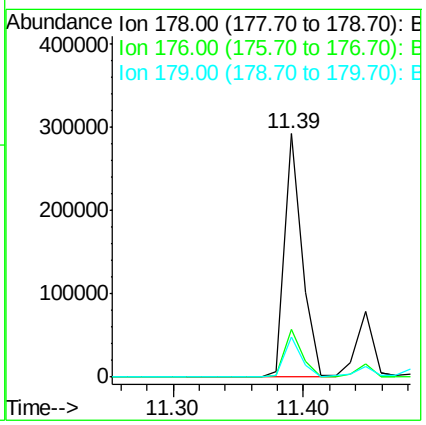


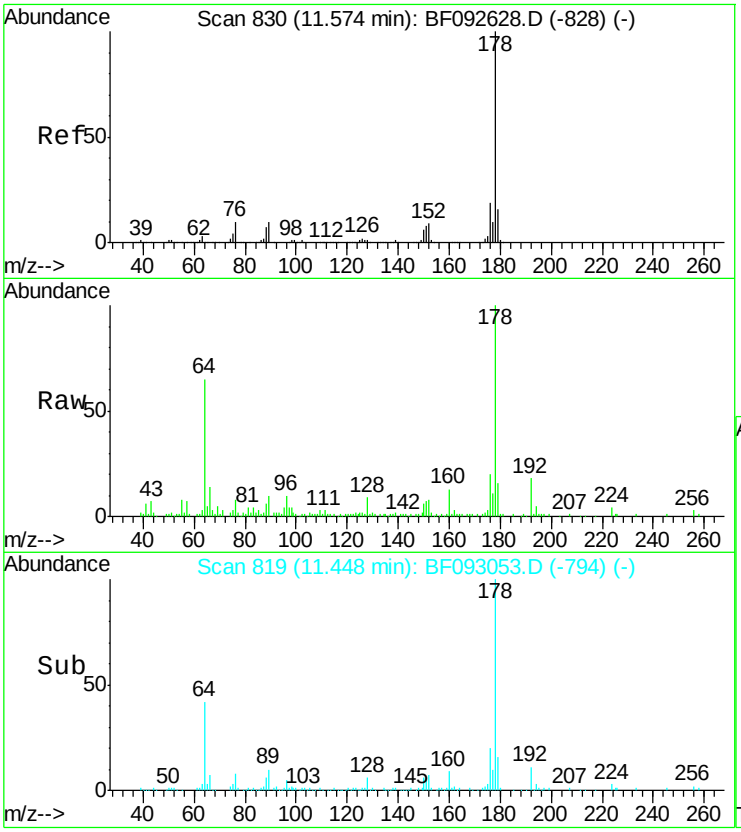


#70
Phenanthrene
Concen: 11.14 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:178 Resp: 278099

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	16.4	12.8	19.2



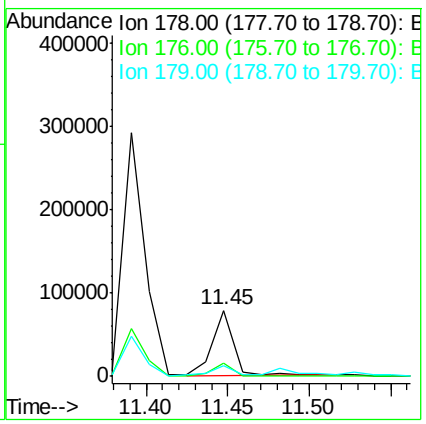


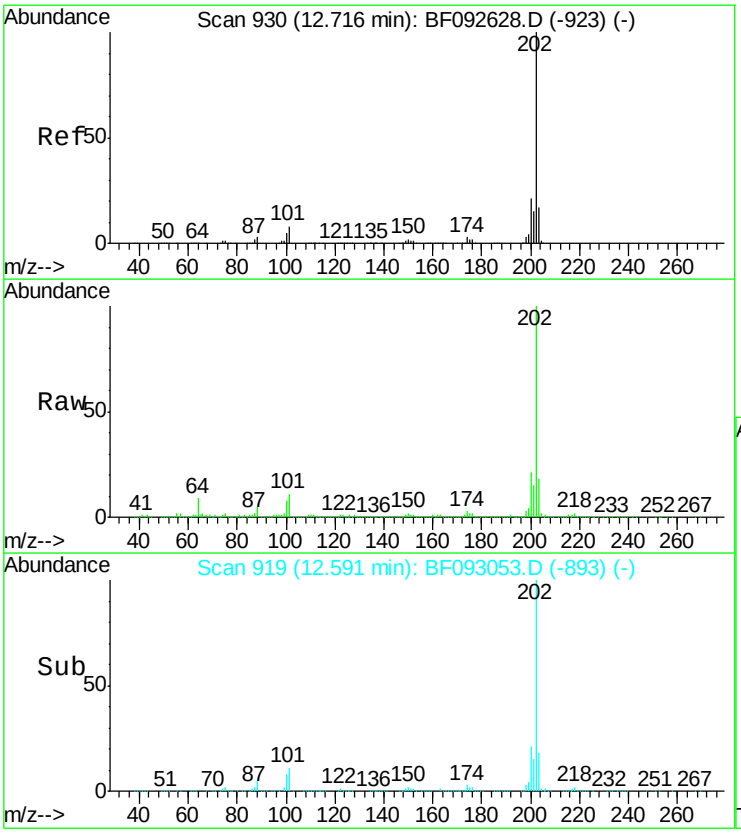
#71
Anthracene
Concen: 2.78 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:178 Resp: 69574

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.1	13.2	19.8

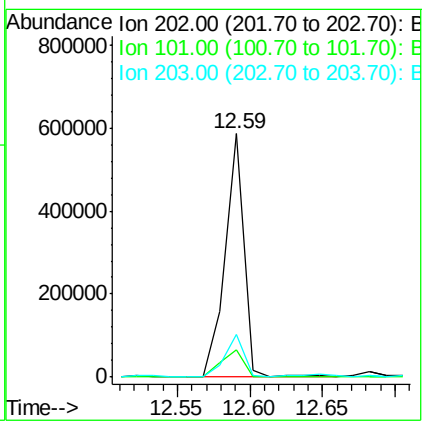


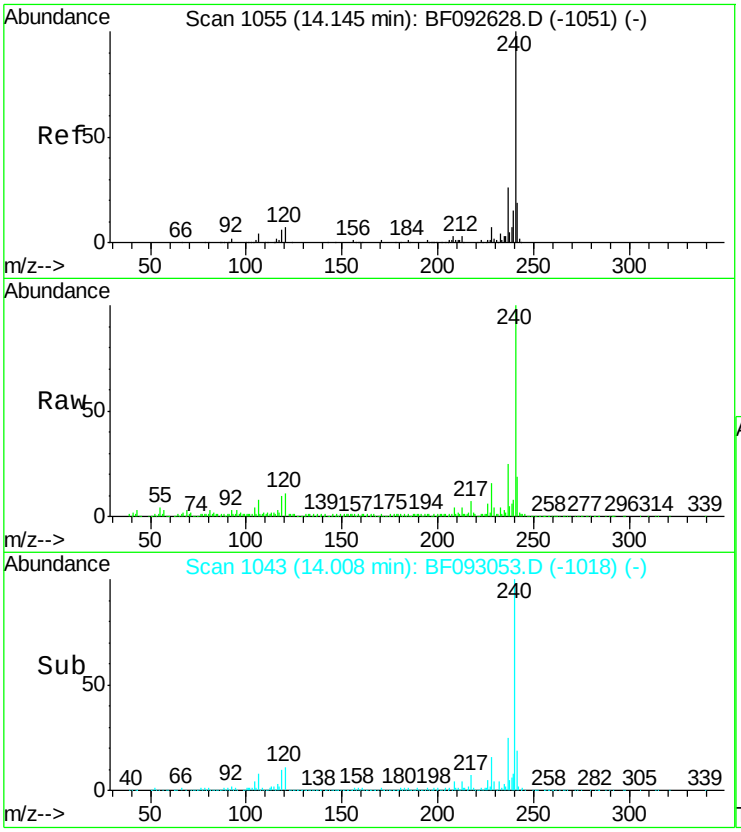


#74
Fluoranthene
Concen: 20.46 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:202 Resp: 526661

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	34.6
203	17.7	0.0	38.7



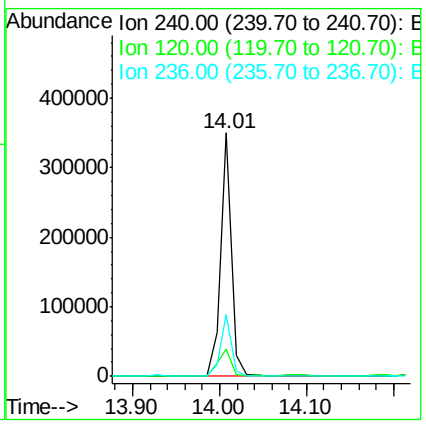


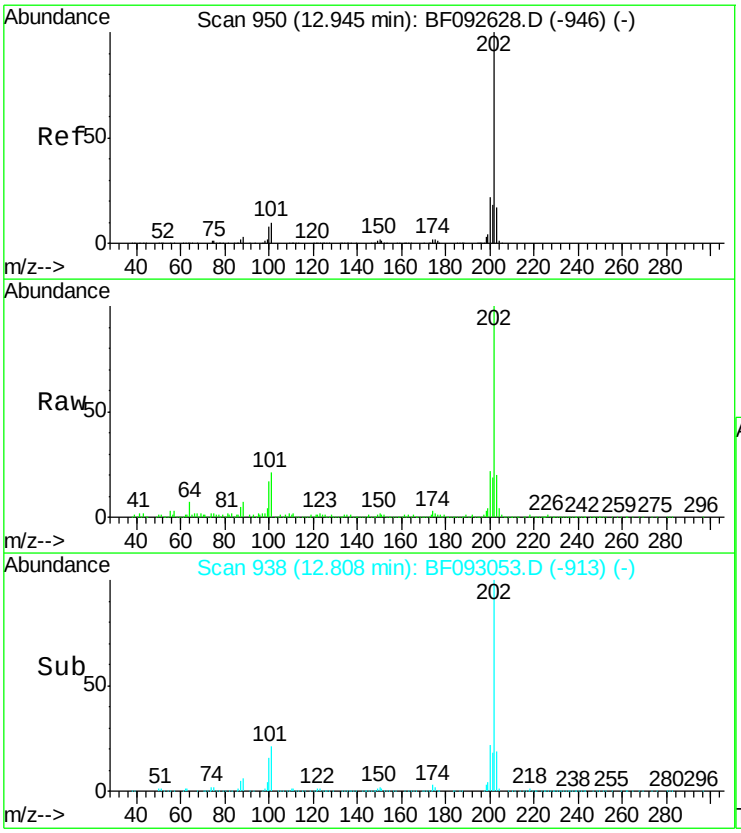
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:240 Resp: 308756

Ion	Ratio	Lower	Upper
240	100		
120	11.3	12.9	19.3#
236	25.4	20.9	31.3

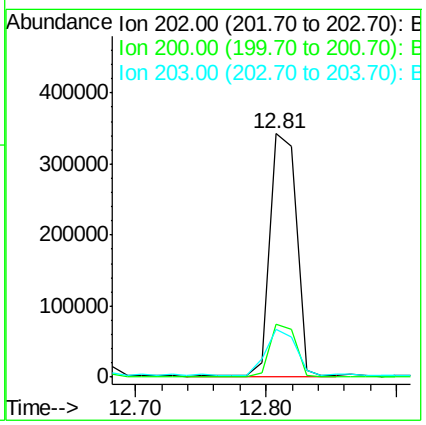


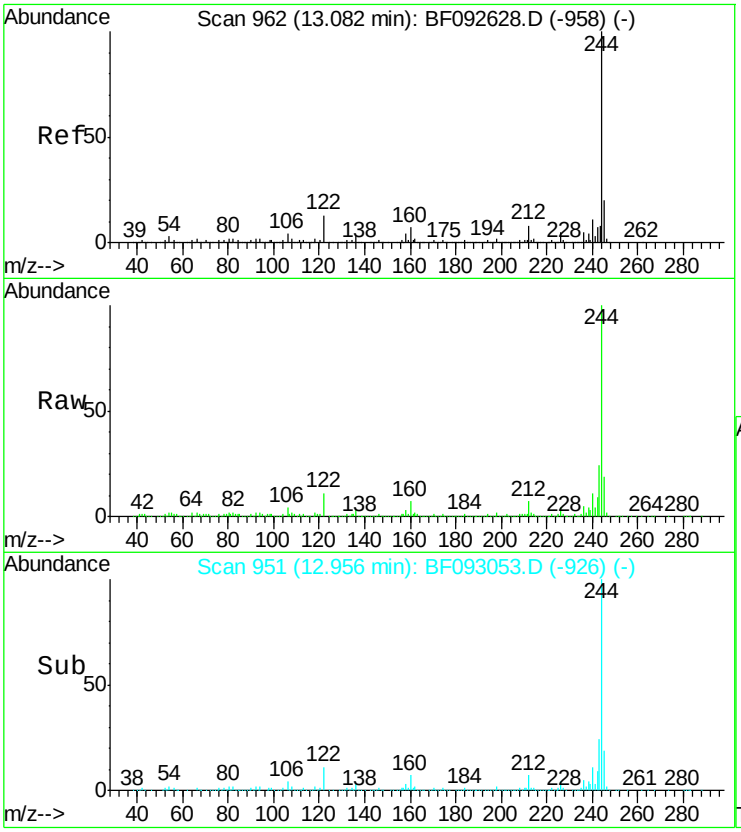


#77
Pyrene
Concen: 20.73 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:202 Resp: 478898

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	19.8	14.7	22.1



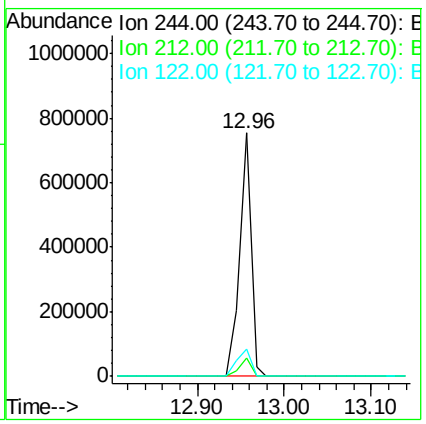


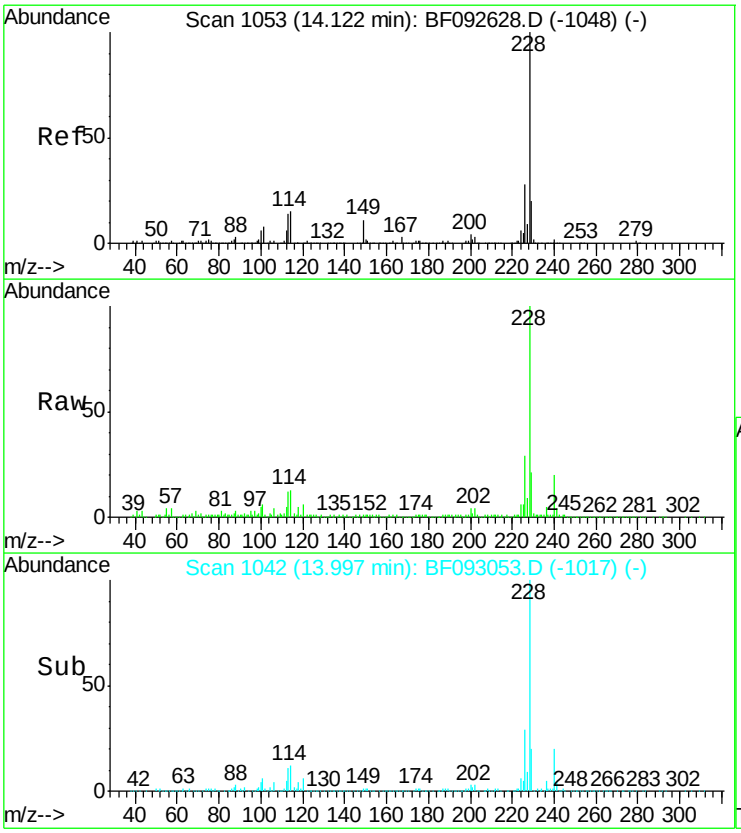
#78
Terphenyl-d14
Concen: 51.96 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:244 Resp: 682796

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	11.3	11.4	17.2#

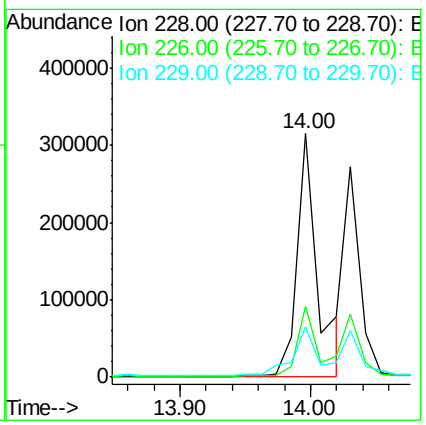


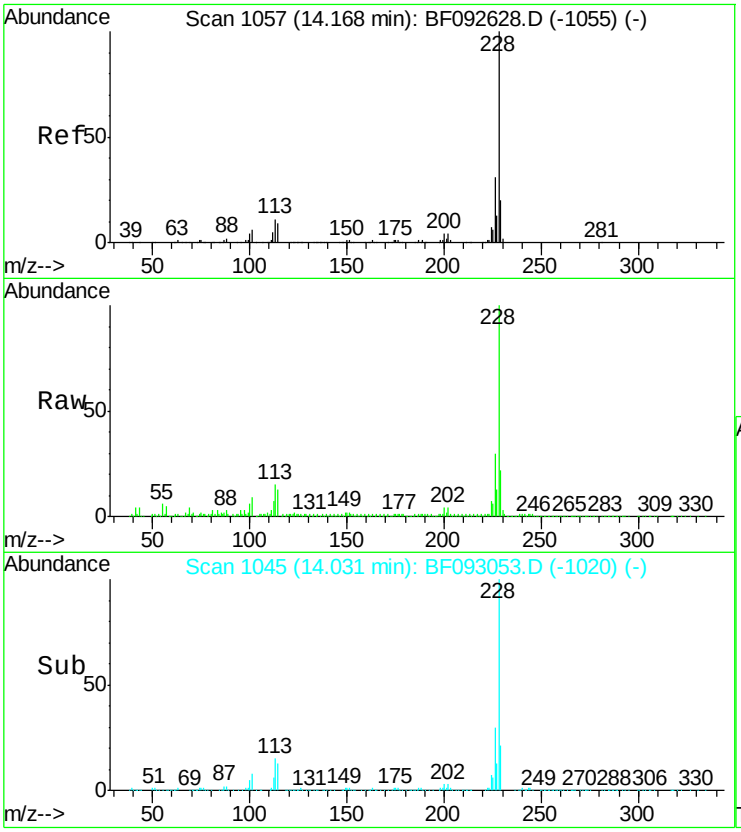


#80
Benzo(a)anthracene
Concen: 18.38 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:228 Resp: 347025

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.4	33.6
229	20.8	16.2	24.4



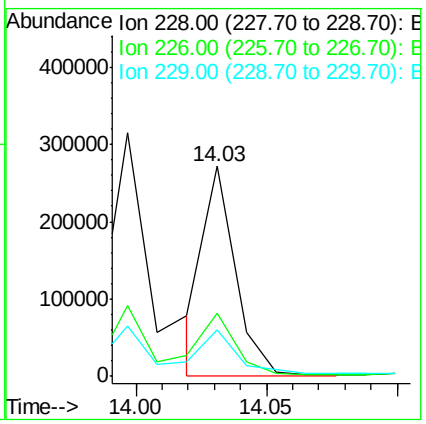


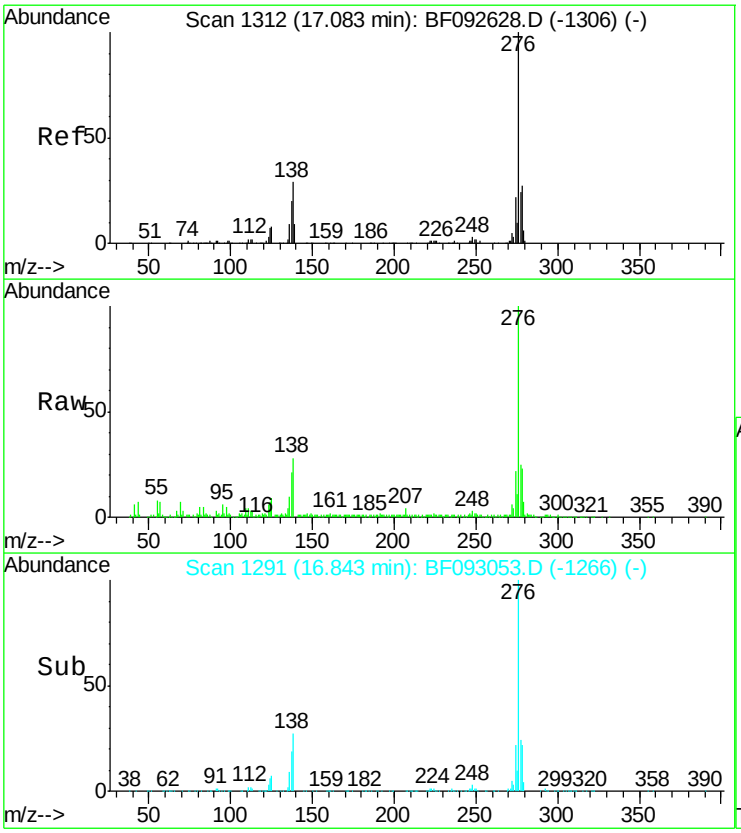
#82
Chrysene
Concen: 12.95 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:228 Resp: 228961

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	22.2	16.2	24.2

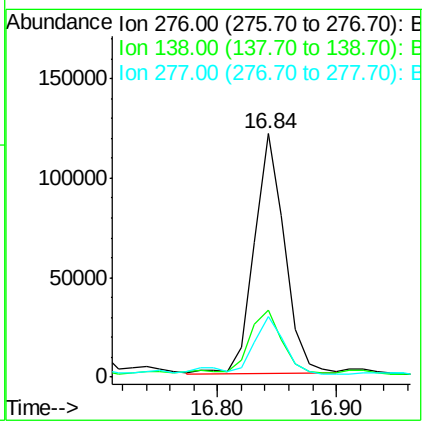


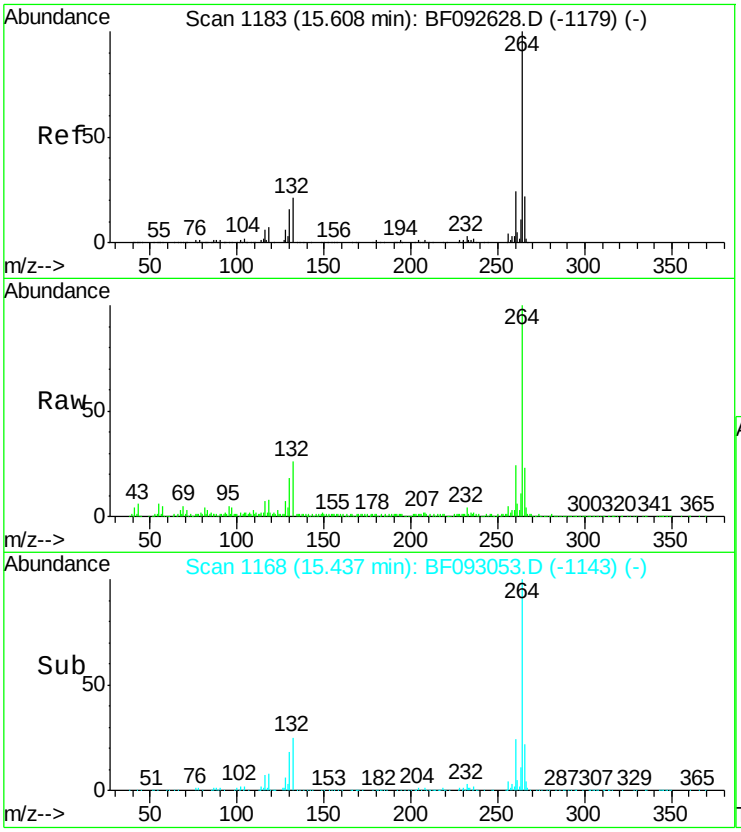


#85
Indeno(1,2,3-cd)pyrene
Concen: 15.71 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:276 Resp: 215085

Ion	Ratio	Lower	Upper
276	100		
138	30.5	21.8	32.6
277	25.8	20.2	30.4



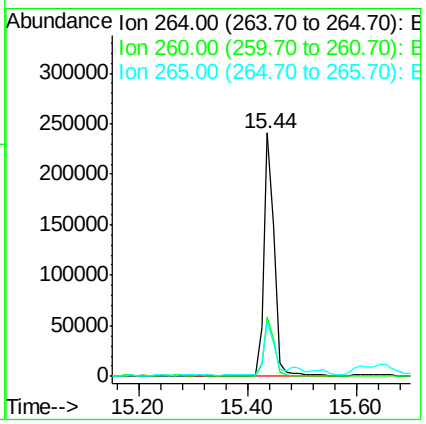


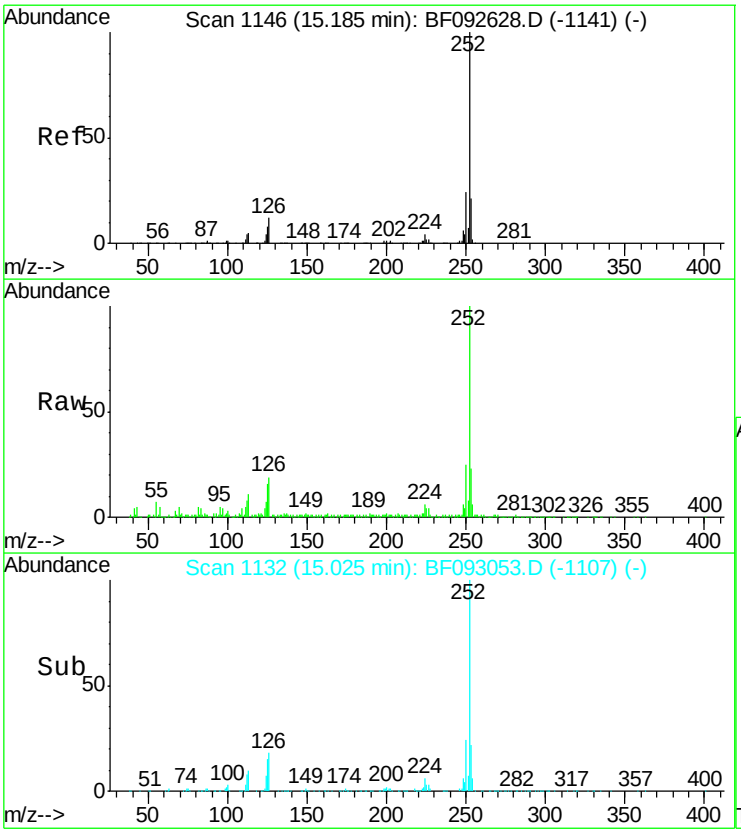
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:264 Resp: 321100

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.5	17.4	26.0

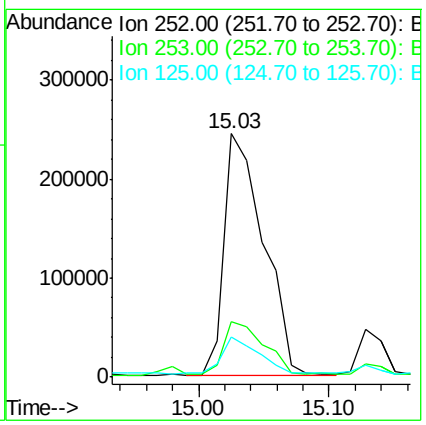


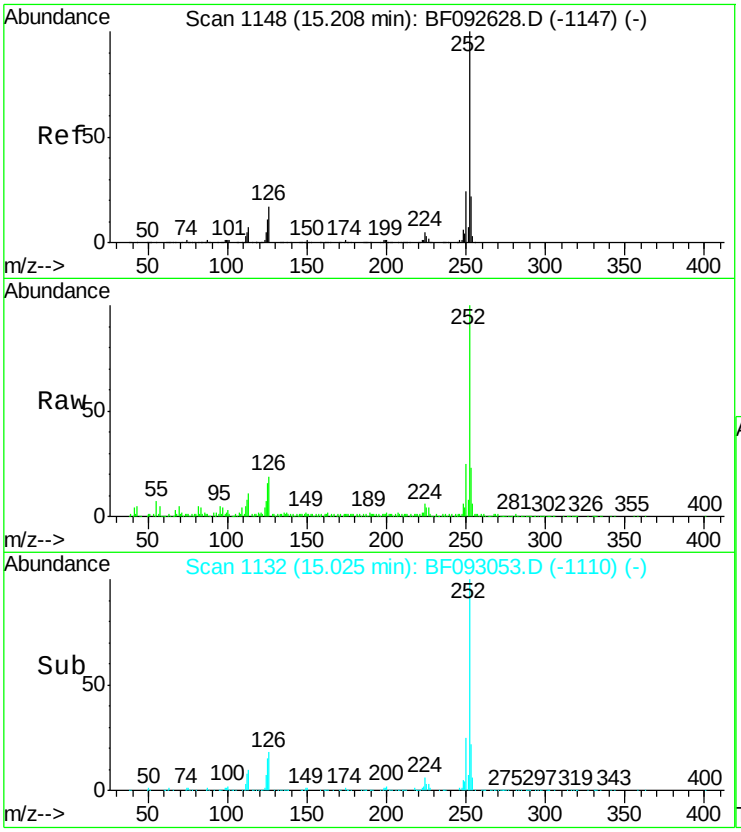


#87
Benzo(b)fluoranthene
Concen: 24.51 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:252 Resp: 518109

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	16.3	9.8	14.6#



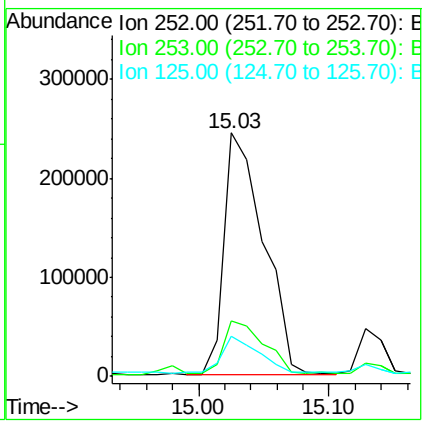


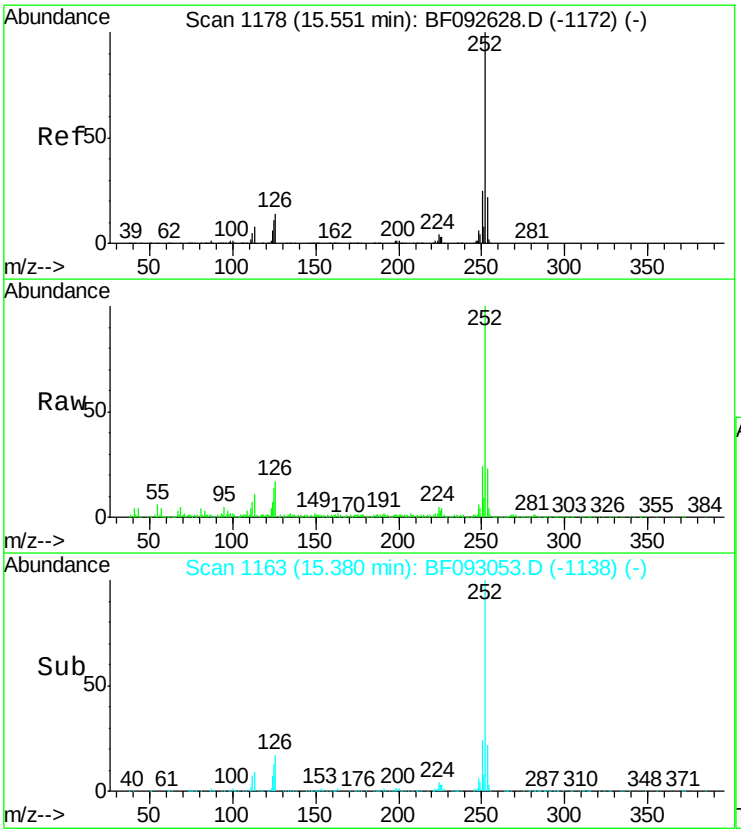
#88
Benzo(k)fluoranthene
Concen: 28.39 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:252 Resp: 518109

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	16.3	8.9	13.3#

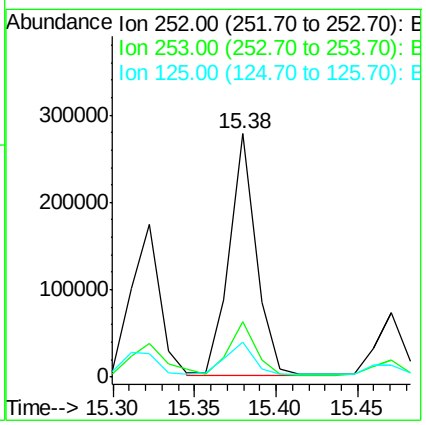


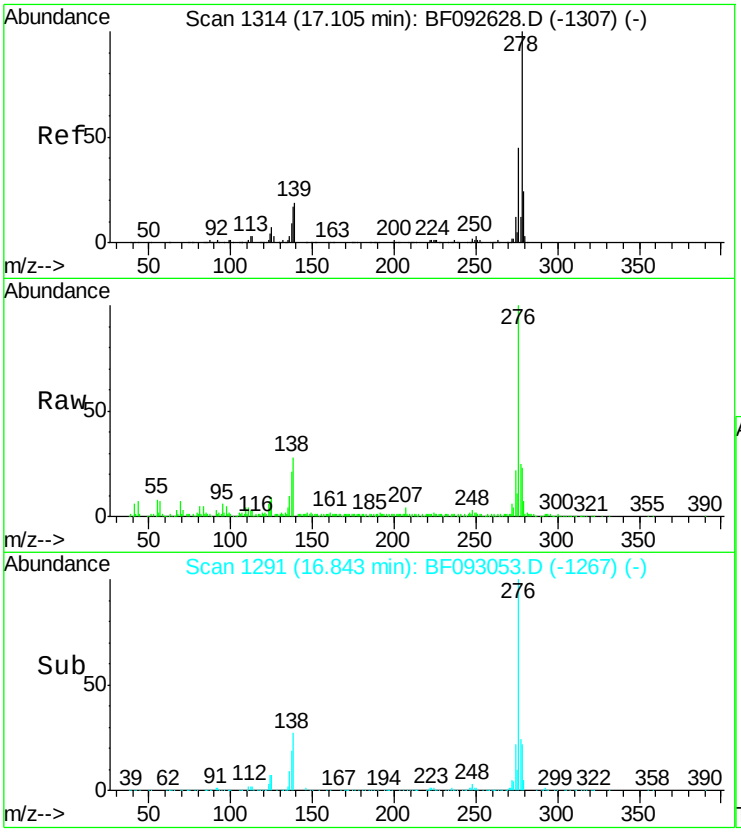


#89
Benzo(a)pyrene
Concen: 17.35 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:252 Resp: 317171

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	14.2	10.0	15.0



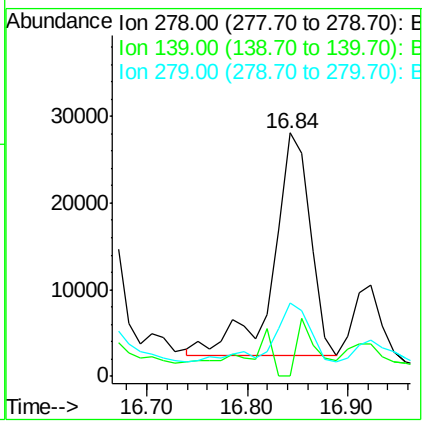


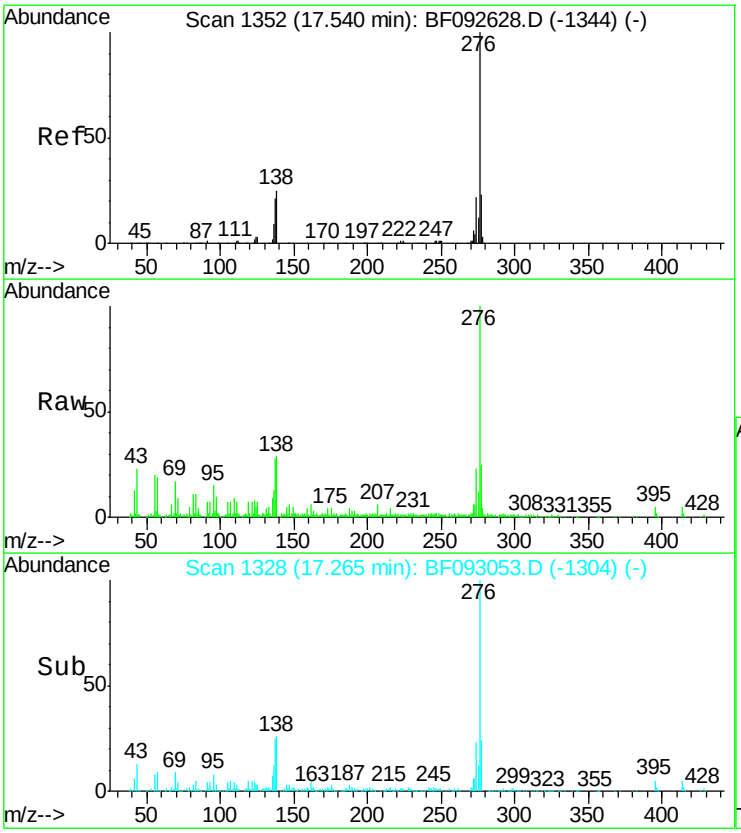
#90
Dibenzo(a,h)anthracene
Concen: 4.43 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Instrument :
BNA_F
ClientSampleId :
B1-1

Tgt Ion:278 Resp: 65517

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	30.2	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 14.49 ng
RT: 17.27 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF093053.D
Acq: 21 Feb 2017 2:39

Tgt Ion:276 Resp: 216343

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	29.2	16.0	24.0#