Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093205.D
Acq On : 27 Feb 2017 13:31
Operator : SJ/MA
Sample : I1973-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-4

Quant Time: Feb 27 13:57:26 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	6.83	152	154989	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	597802	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	242773	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	365179	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	304679	20.00	ng		0.00
86) Perylene-d12	15.45	264	284551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	856550	94.81	ng		-0.02
7) Phenol-d6	6.48	99	1033714	88.93	ng		-0.01
23) Nitrobenzene-d5	7.40	82	730646	68.06	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	172037	97.98	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1130894	84.39	ng		-0.01
78) Terphenyl-d14	12.96	244	699611	53.95	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.49	94	97667	7.18	ng		79
19) n-Nitroso-di-n-propylamine	7.40	70	99236	13.41	ng	#	80
25) Isophorone	7.40	82	549532	27.47	ng	#	65
31) Naphthalene	8.14	128	179896	5.94	ng		98
32) Benzoic acid	7.93	122	4639	7.92	ng	#	31
48) Acenaphthylene	9.74	152	66938	2.82	ng		99
49) Dimethylphthalate	9.61	163	339006	20.73	ng		100
51) Acenaphthene	9.92	154	101184	7.12	ng		99
54) Dibenzofuran	10.09	168	97305	5.12	ng		93
55) 4-Nitrophenol	10.09	139	35061	12.05	ng	#	6
57) Fluorene	10.43	166	99675	6.82	ng		97
64) 4,6-Dinitro-2-methylphenol	10.67	198	565	2.91	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	11923	3.13	ng	#	1
70) Phenanthrene	11.40	178	1265109	60.47	ng		98
71) Anthracene	11.45	178	322291	15.34	ng		97
72) Carbazole	11.61	167	117962	5.87	ng		97
74) Fluoranthene	12.59	202	1459821	67.65	ng		95
77) Pyrene	12.82	202	1381053	60.57	ng		99
80) Benzo(a)anthracene	14.01	228	710838	38.15	ng		97
82) Chrysene	14.04	228	605542	34.71	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	31551	2.49	ng	#	96
85) Indeno(1,2,3-cd)pyrene	16.87	276	293232	21.70	ng		95
87) Benzo(b)fluoranthene	15.04	252	1012386	54.05	ng	#	96
88) Benzo(k)fluoranthene	15.04	252	1012386	62.60	ng	#	95
89) Benzo(a)pyrene	15.39	252	554730	34.24	ng		97
90) Dibenzo(a,h)anthracene	16.87	278	76549	5.85	ng	#	77
91) Benzo(g,h,i)perylene	17.29	276	268903	20.33	ng	#	89

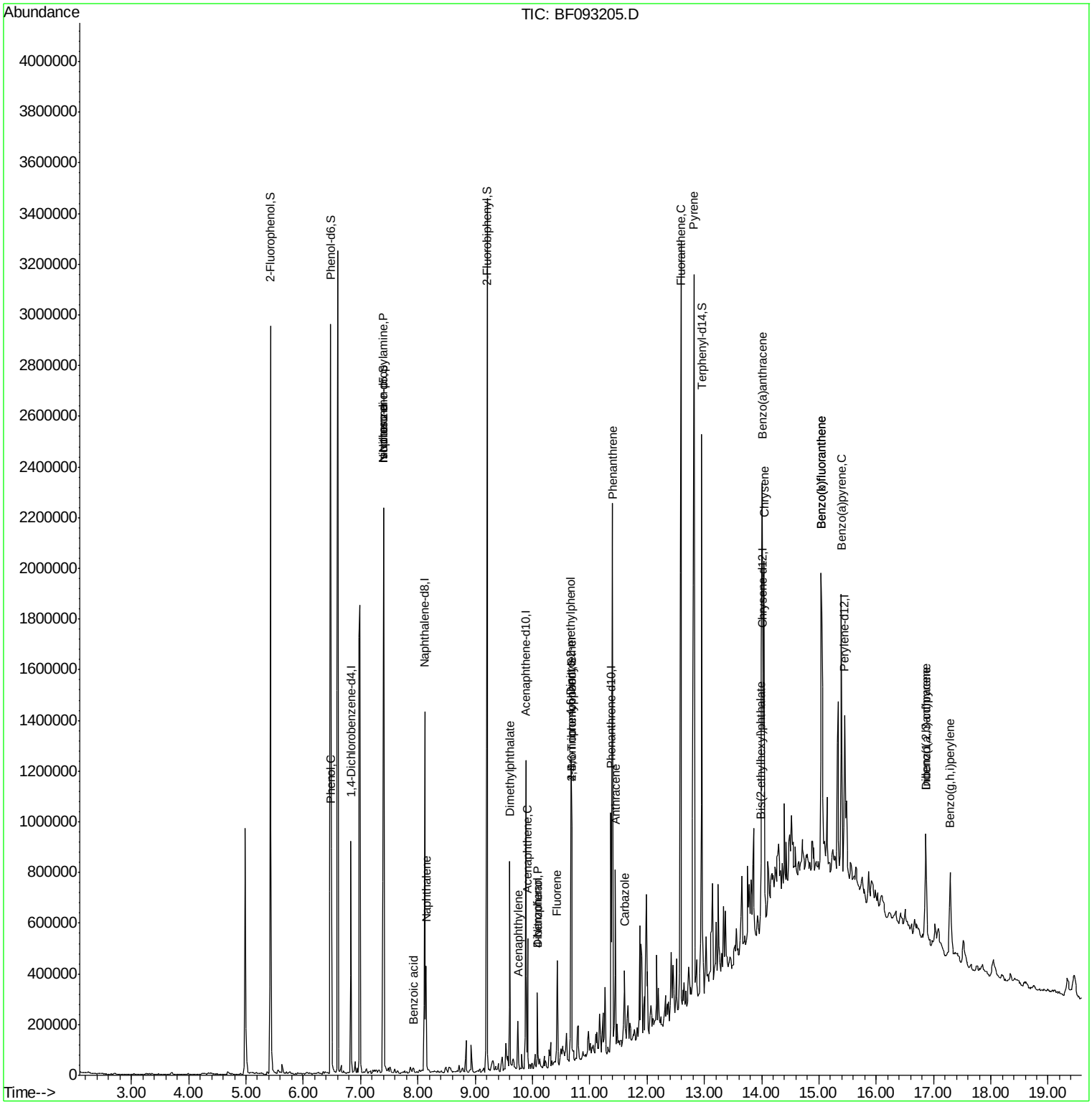
(#) = qualifier out of range (m) = manual integration (+) = signals summed

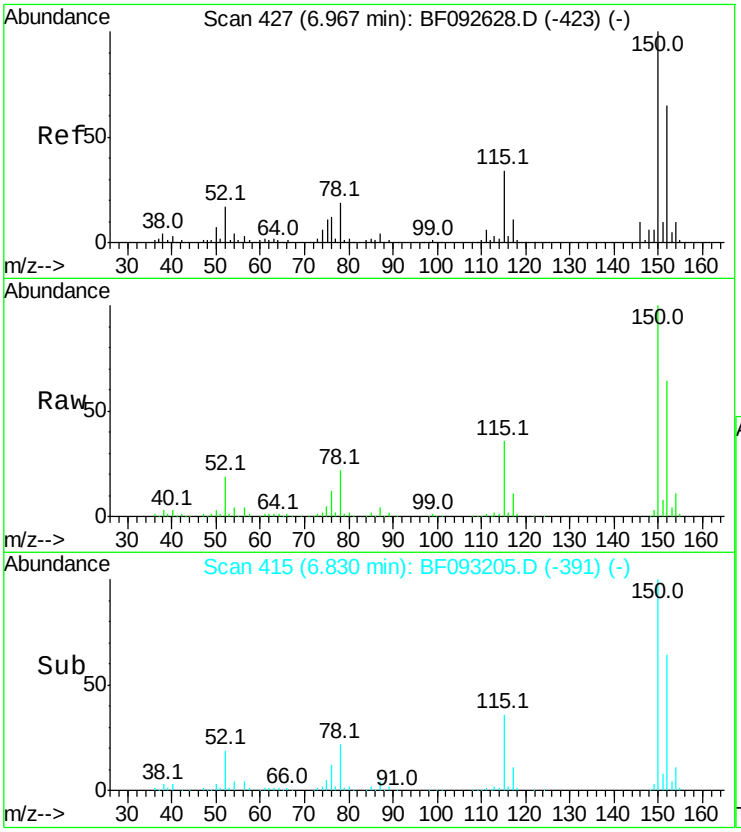
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093205.D
Acq On : 27 Feb 2017 13:31
Operator : SJ/MA
Sample : I1973-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Quant Time: Feb 27 13:57:26 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



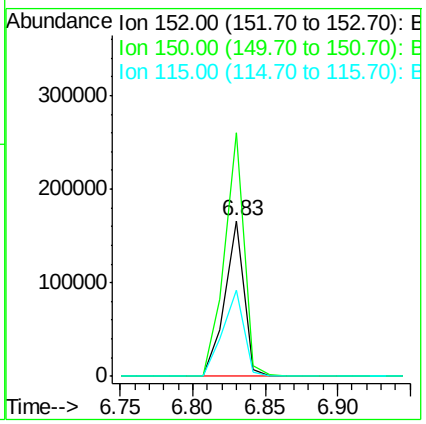


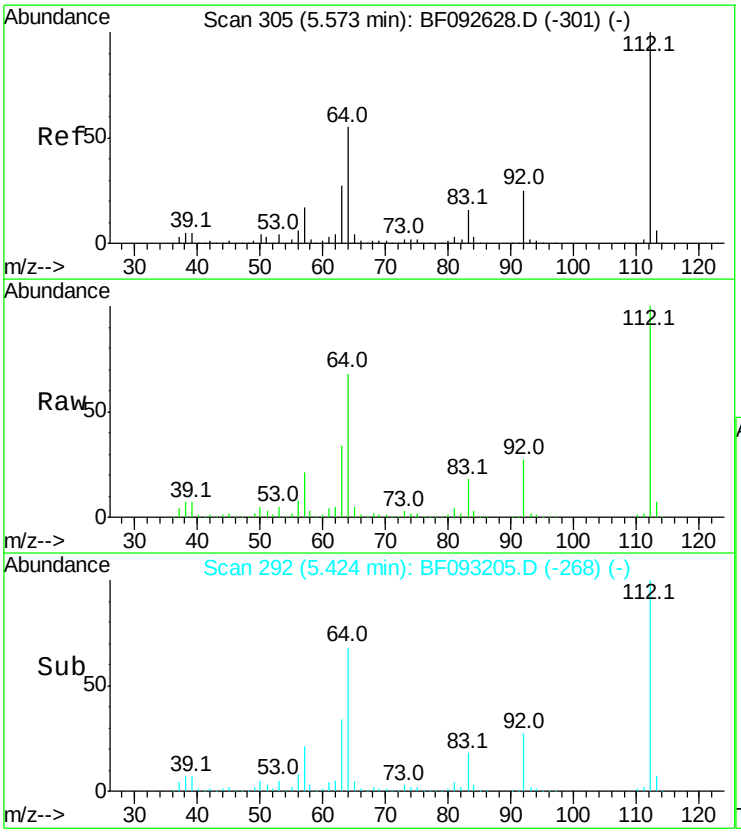
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:152 Resp: 154989

Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	55.6	46.0	69.0

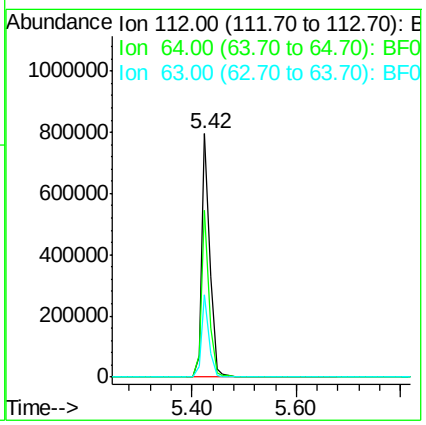


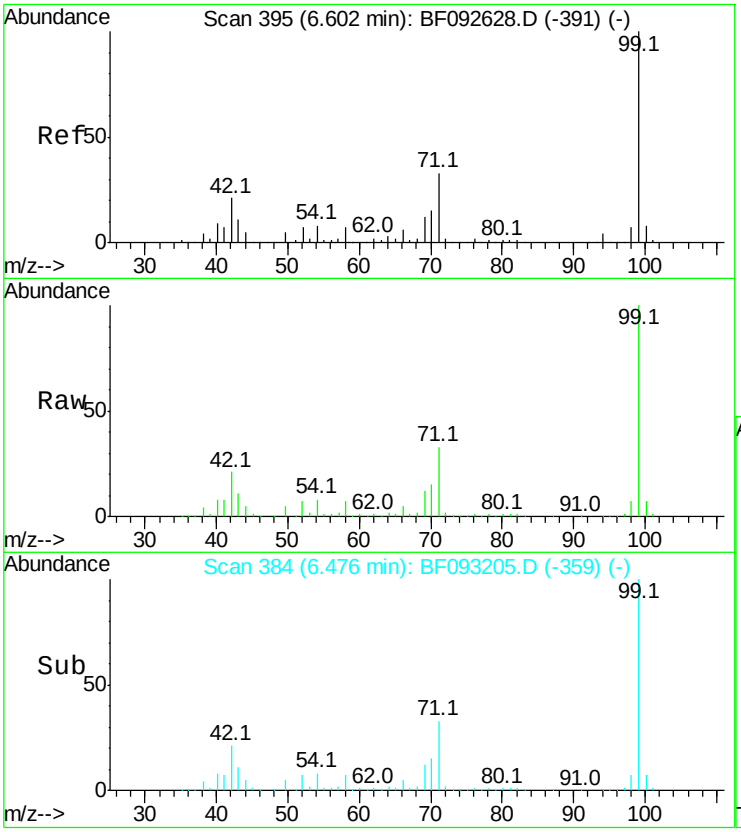


#5
2-Fluorophenol
Concen: 94.81 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:112 Resp: 856550

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	33.9	23.8	35.6



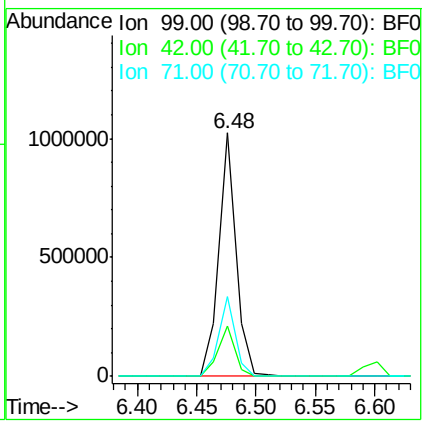


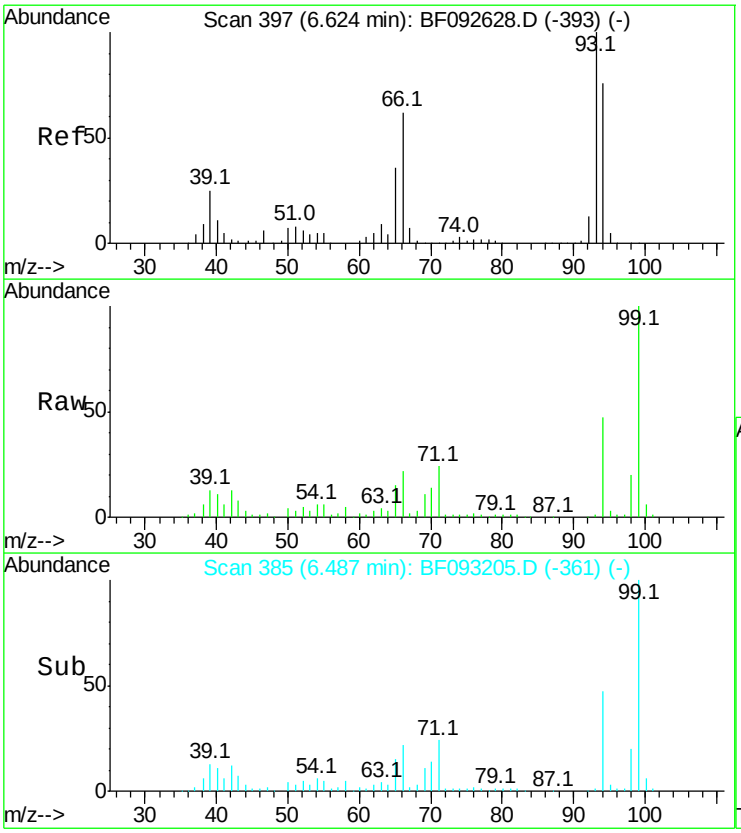
#7
Phenol-d6
Concen: 88.93 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion: 99 Resp: 1033714

Ion	Ratio	Lower	Upper
99	100		
42	20.5	15.6	23.4
71	32.8	27.5	41.3

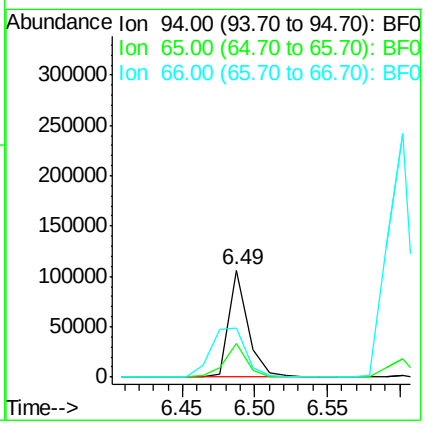


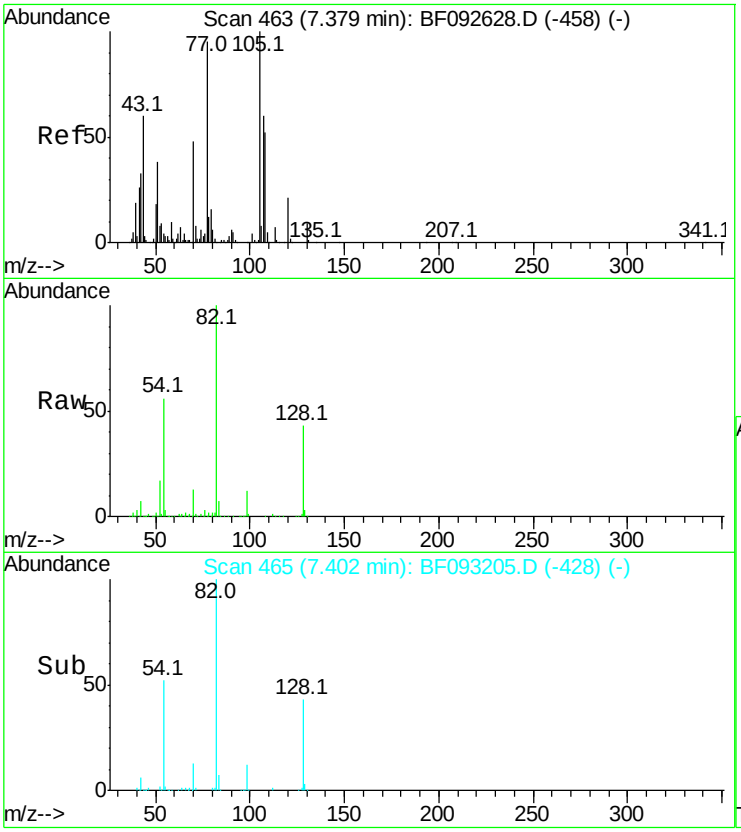


#10
Phenol
Concen: 7.18 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion: 94 Resp: 97667

Ion	Ratio	Lower	Upper
94	100		
65	31.0	21.4	61.4
66	45.6	44.0	84.0



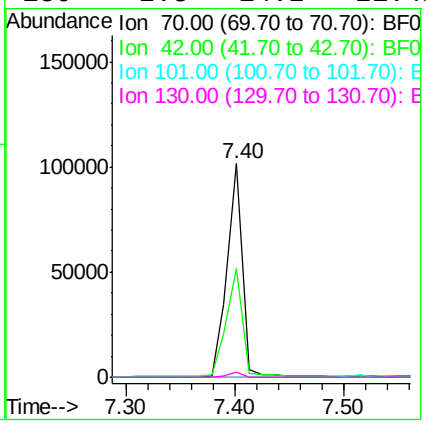


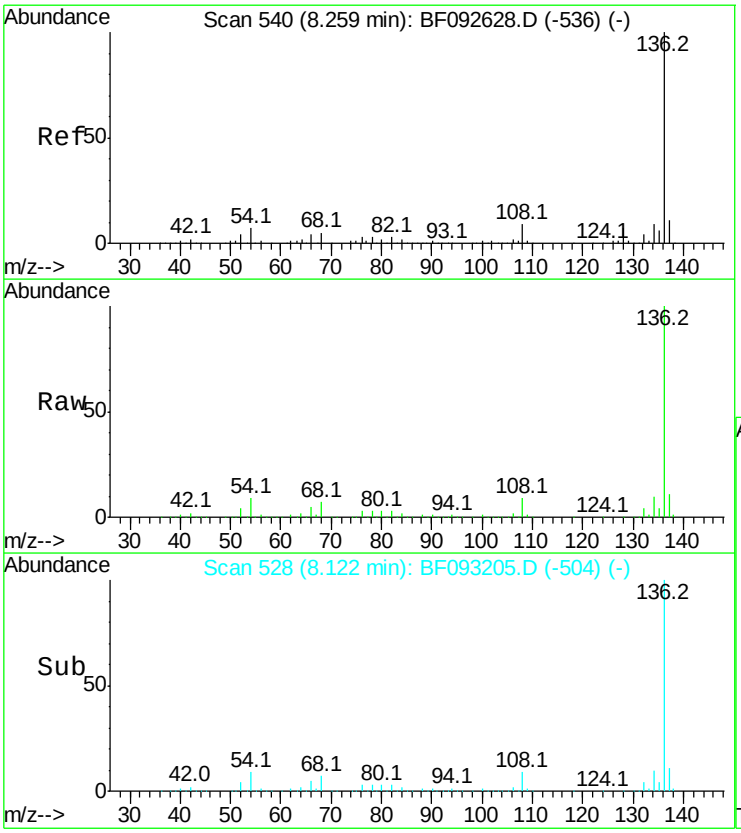
#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-4

Tgt Ion: 70 Resp: 99236

Ion	Ratio	Lower	Upper
70	100		
42	50.8	49.4	74.0
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#

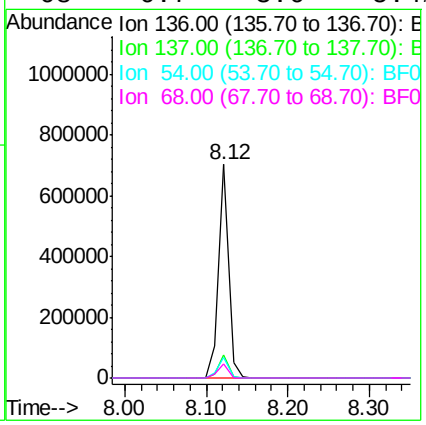


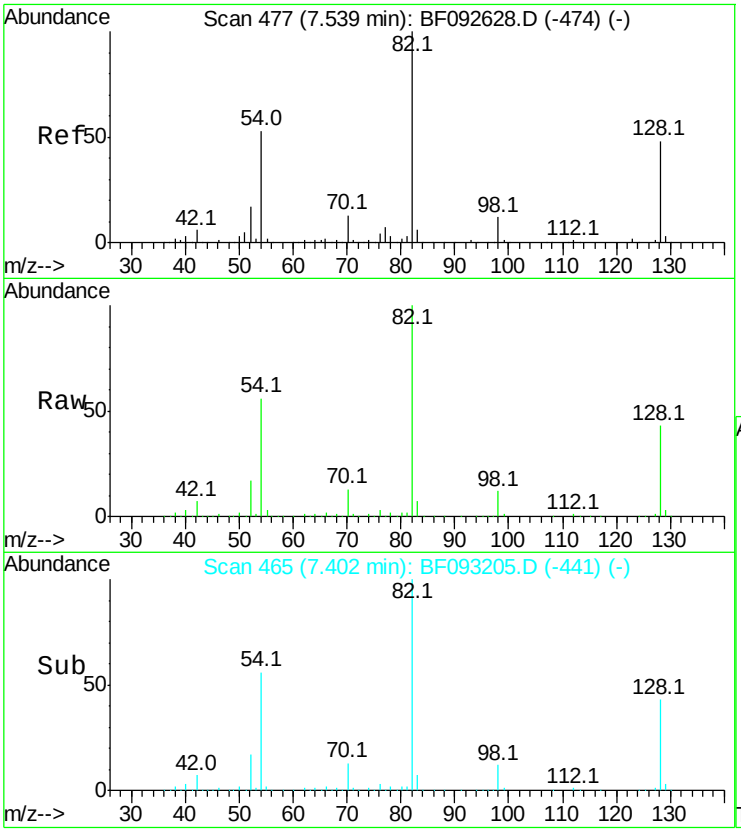


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:136 Resp: 597802

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	9.4	4.5	6.7#
68	6.7	3.6	5.4#



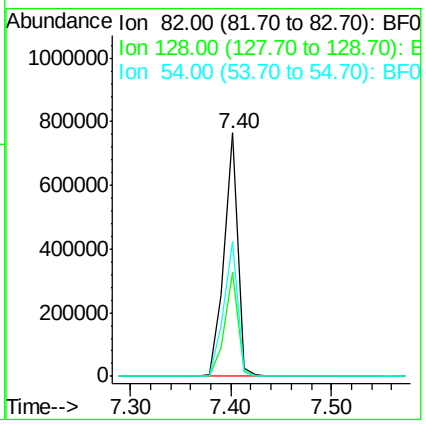


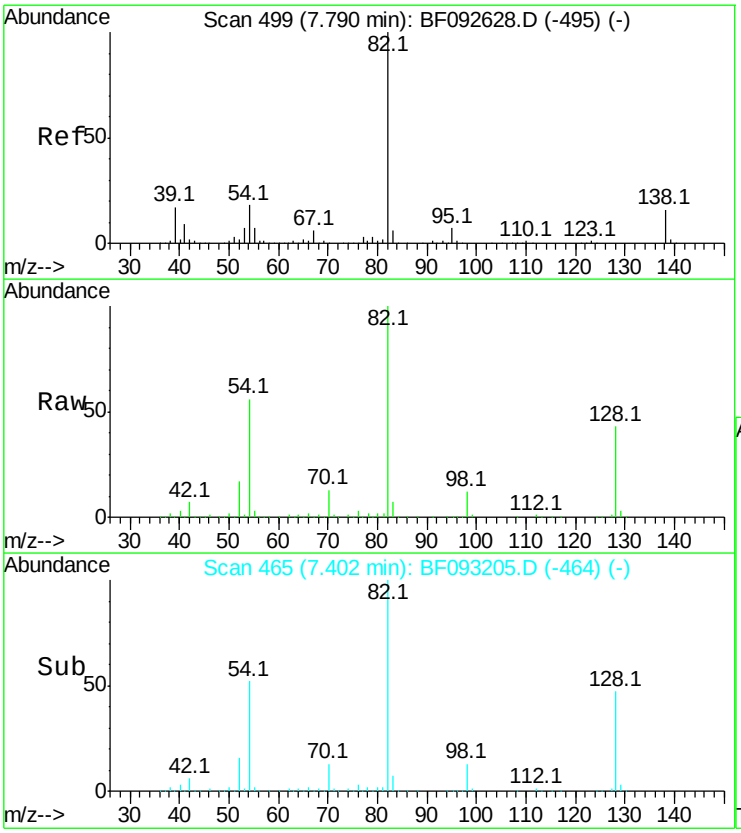
#23
Nitrobenzene-d5
Concen: 68.06 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion: 82 Resp: 730646

Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	55.5	39.5	59.3

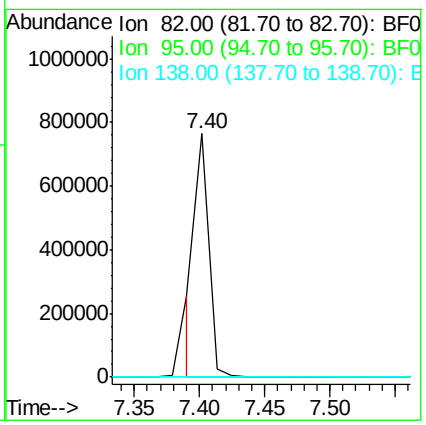


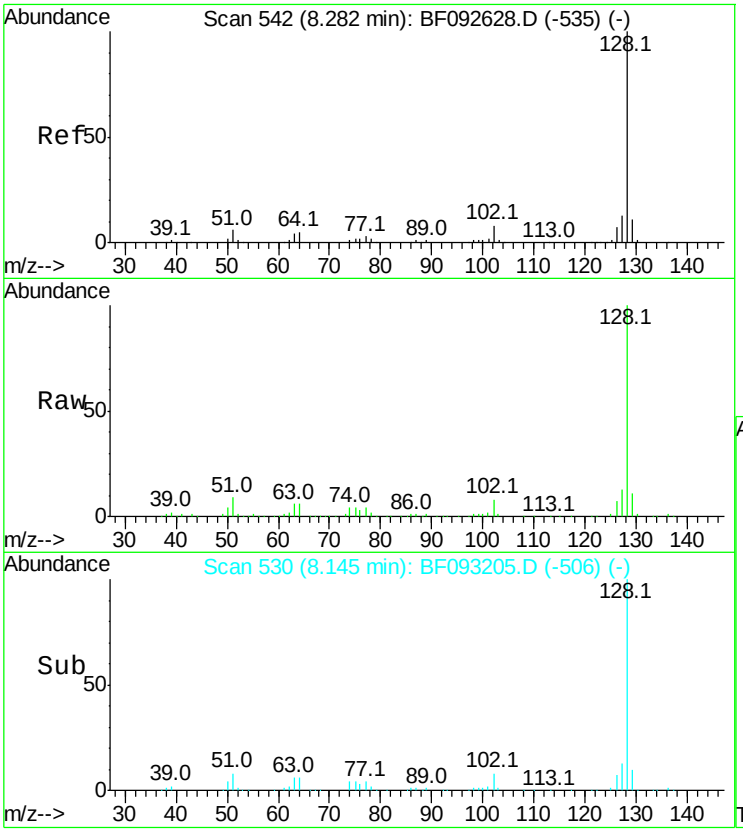


#25
Isophorone
Concen: 27.47 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion: 82 Resp: 549532

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



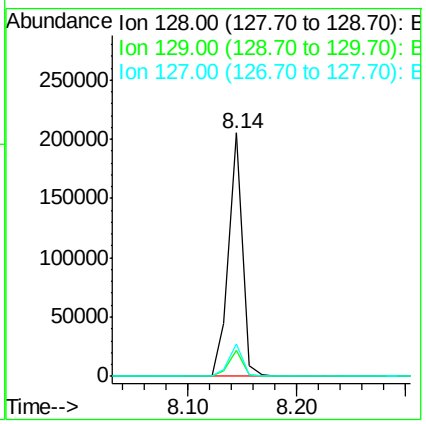


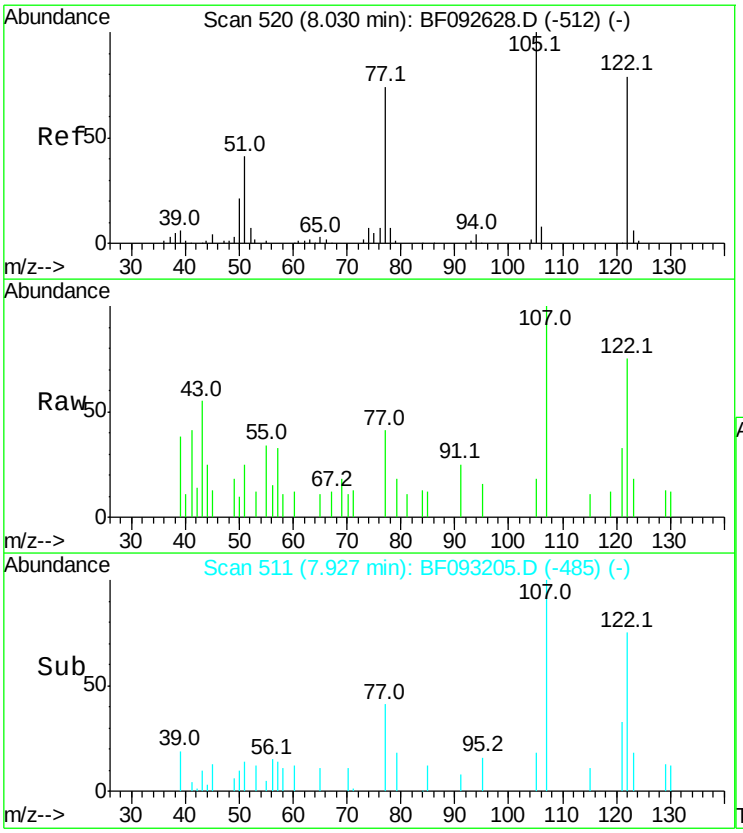
#31
Naphthalene
Concen: 5.94 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:128 Resp: 179896

Ion	Ratio	Lower	Upper
128	100		
129	10.6	9.5	14.3
127	13.4	10.8	16.2

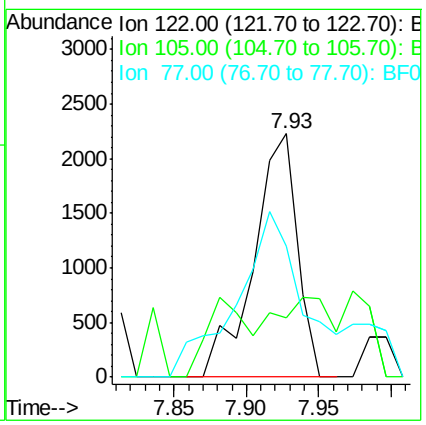


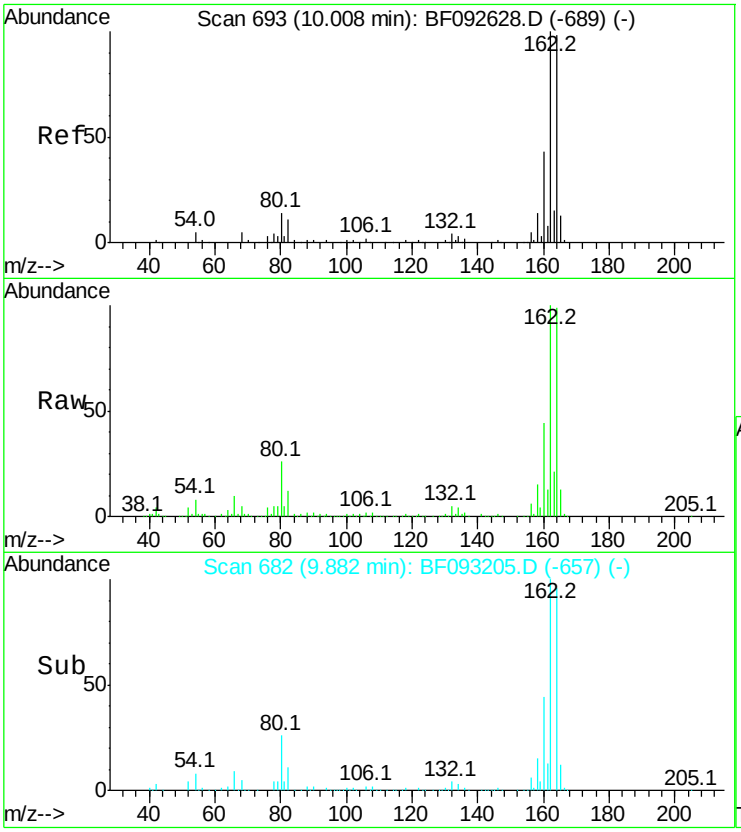


#32
Benzoic acid
Concen: 7.92 ng
RT: 7.93 min Scan# 511
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:122 Resp: 4639

Ion	Ratio	Lower	Upper
122	100		
105	24.3	107.2	147.2#
77	53.8	74.5	114.5#



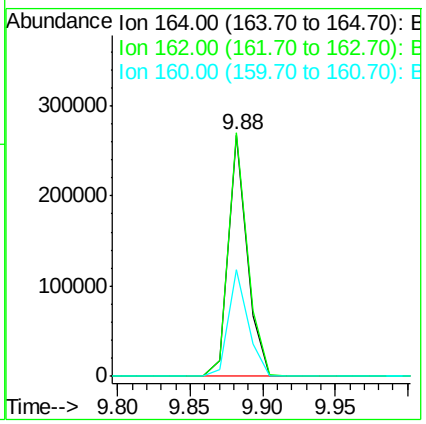


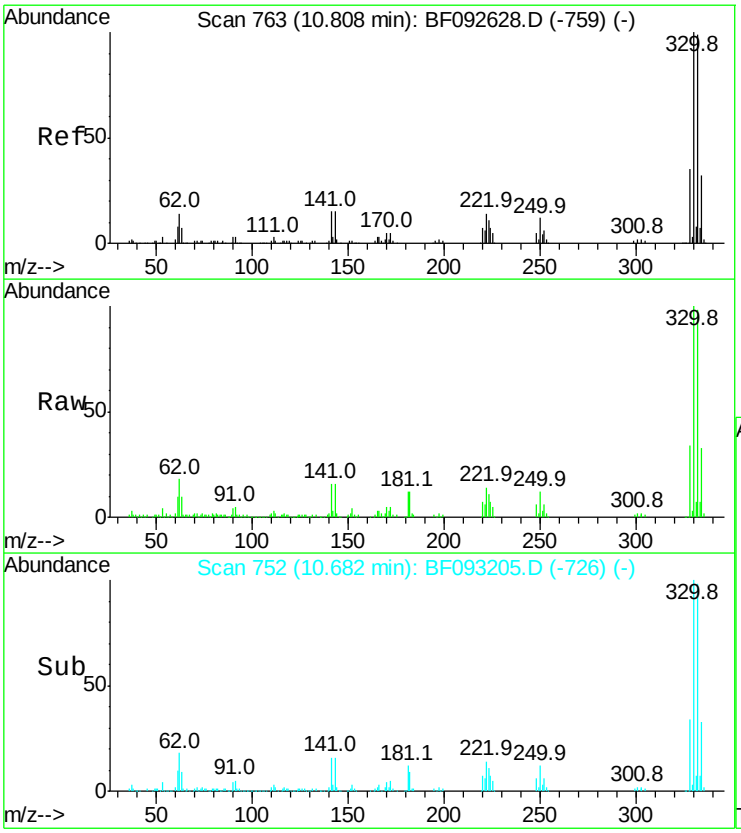
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:164 Resp: 242773

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.3	36.9	55.3

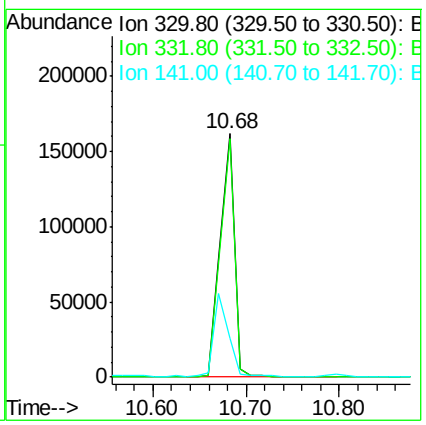


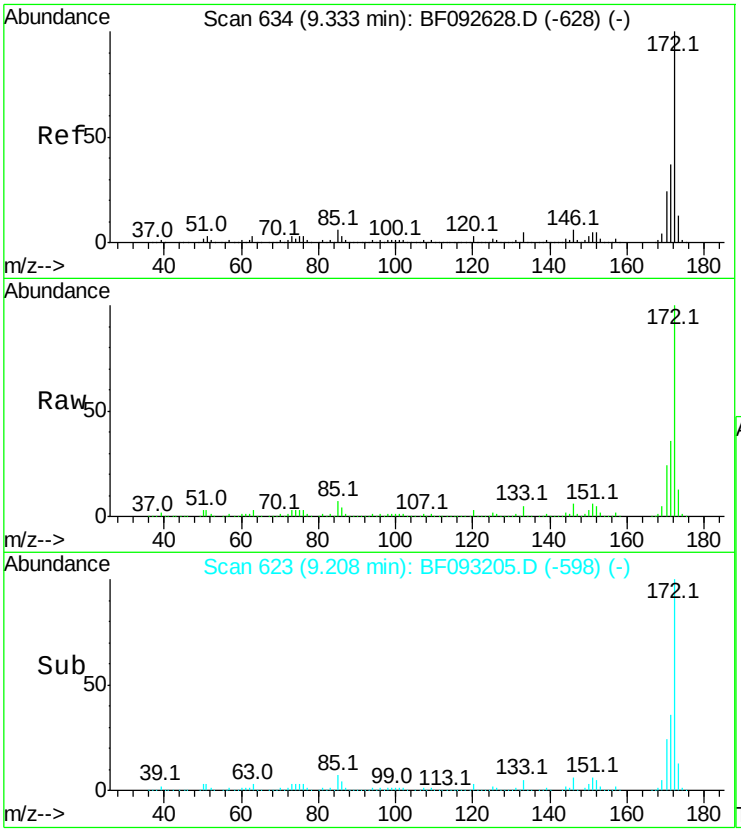


#41
2,4,6-Tribromophenol
Concen: 97.98 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:330 Resp: 172037

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	34.8	34.1	51.1



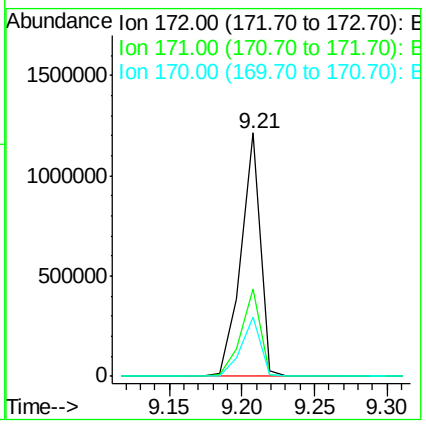


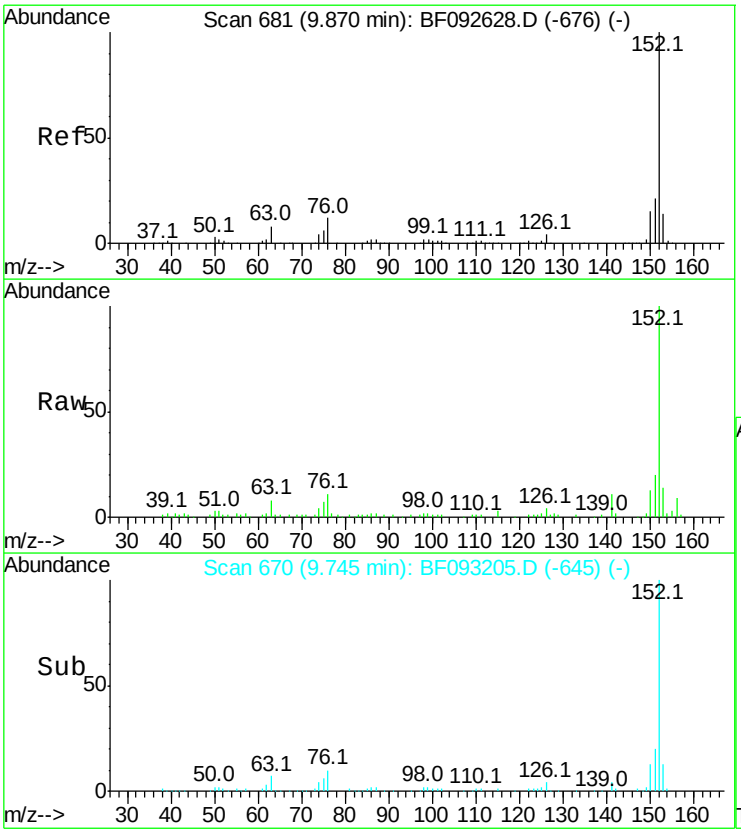
#44
2-Fluorobiphenyl
Concen: 84.39 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:172 Resp: 1130894

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.3	20.2	30.4

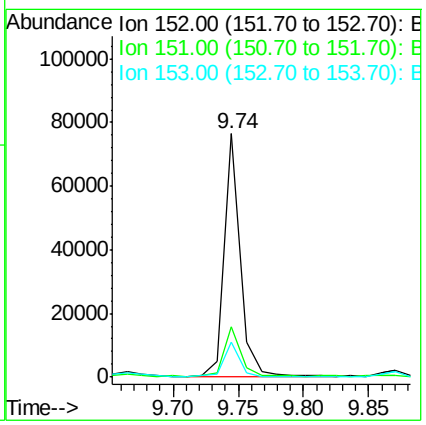


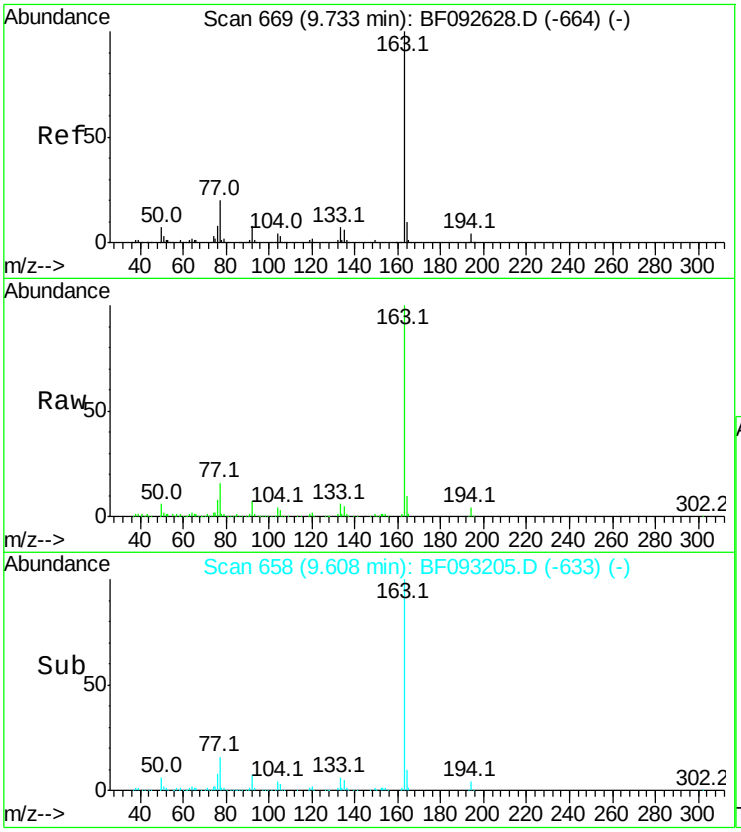


#48
Acenaphthylene
Concen: 2.82 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:152 Resp: 66938

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.9	25.3
153	14.2	11.4	17.2



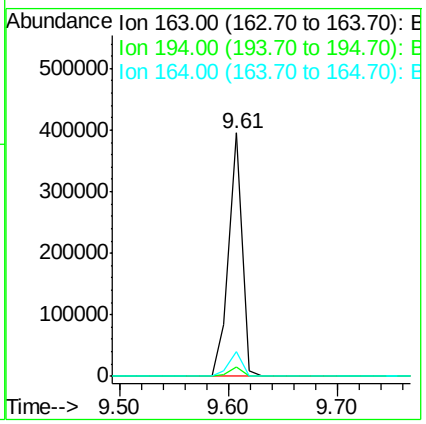


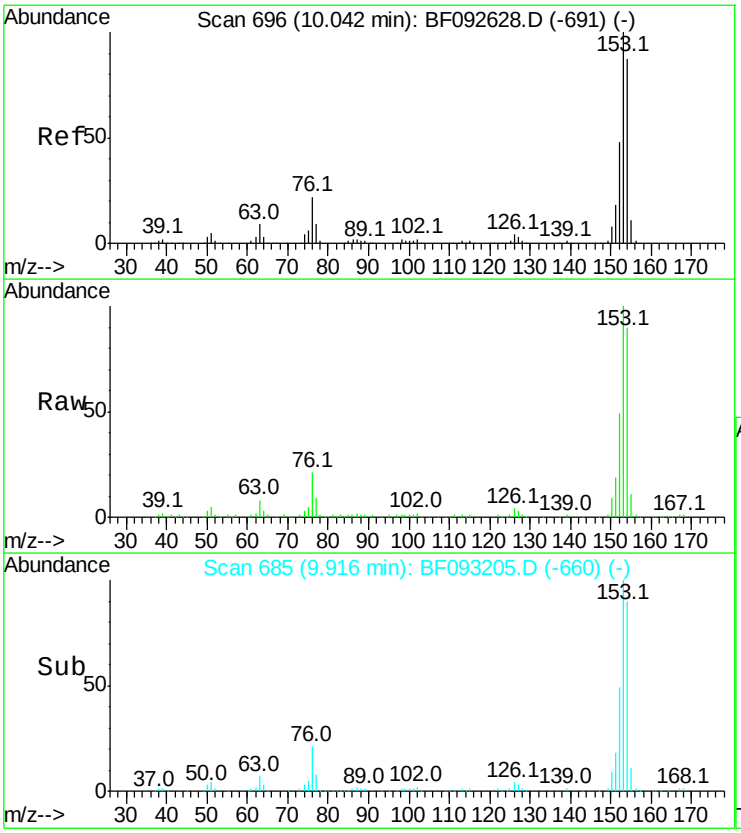
#49
Dimethylphthalate
Concen: 20.73 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:163 Resp: 339006

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.1	8.0	12.0

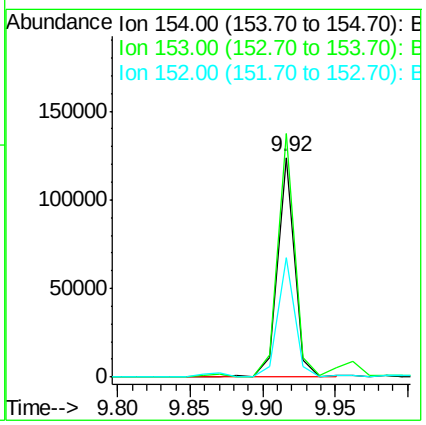


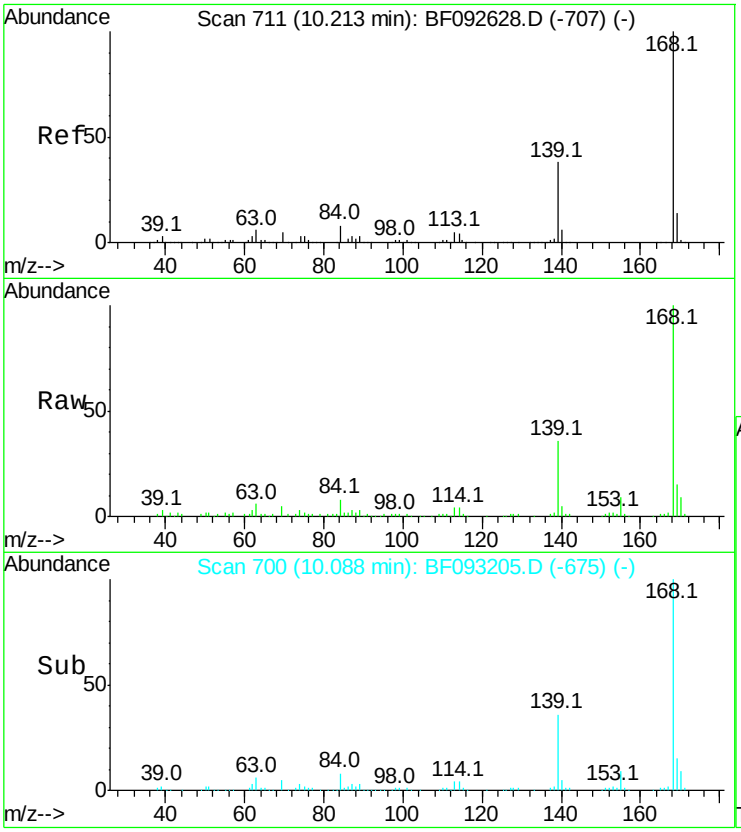


#51
Acenaphthene
Concen: 7.12 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:154 Resp: 101184

Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	133.0
152	54.3	41.6	62.4



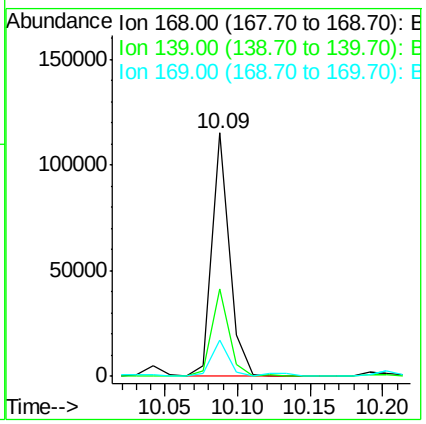


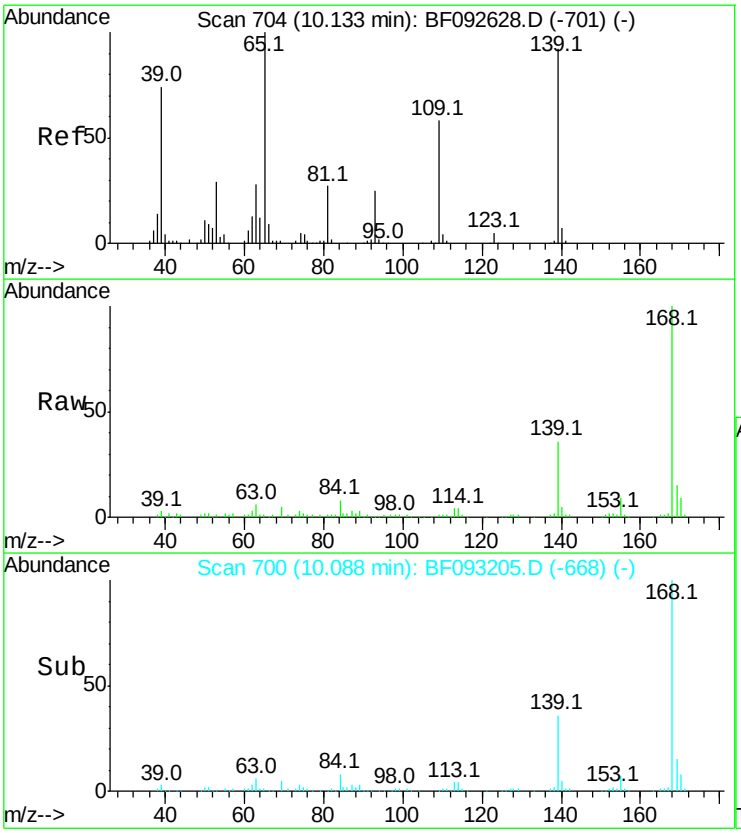
#54
Dibenzofuran
Concen: 5.12 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:168 Resp: 97305

Ion	Ratio	Lower	Upper
168	100		
139	35.8	32.6	49.0
169	14.9	11.3	16.9

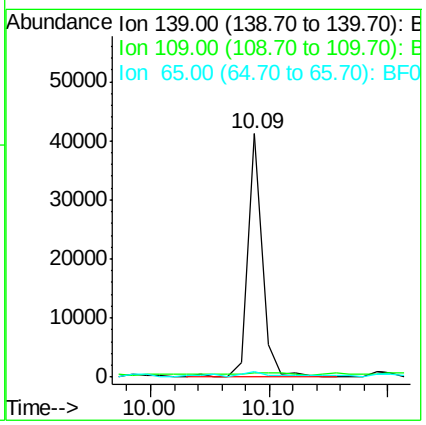


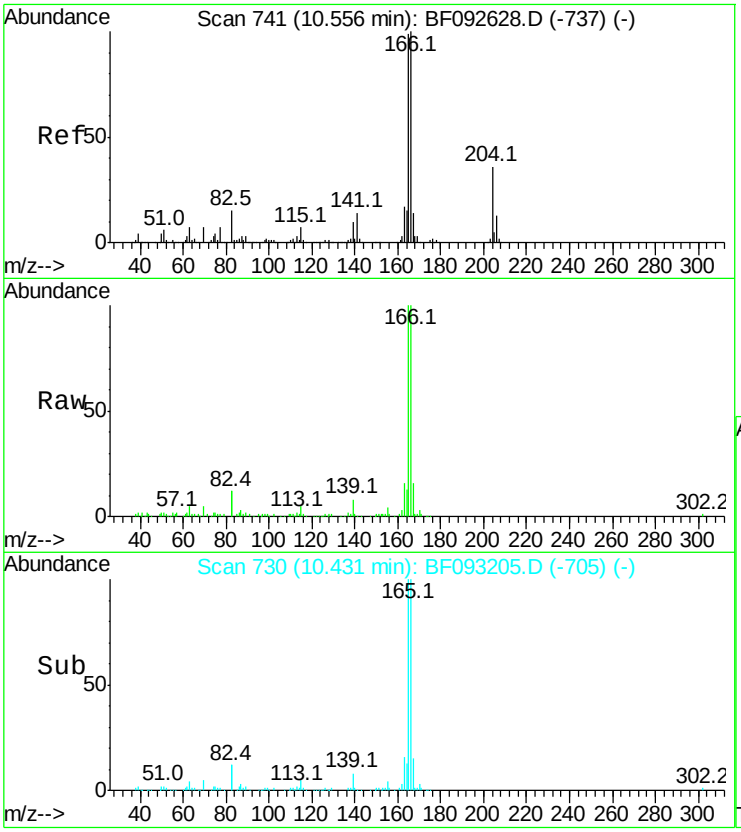


#55
4-Nitrophenol
Concen: 12.05 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.07 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:139 Resp: 35061

Ion	Ratio	Lower	Upper
139	100		
109	1.9	52.2	92.2#
65	2.3	85.8	125.8#



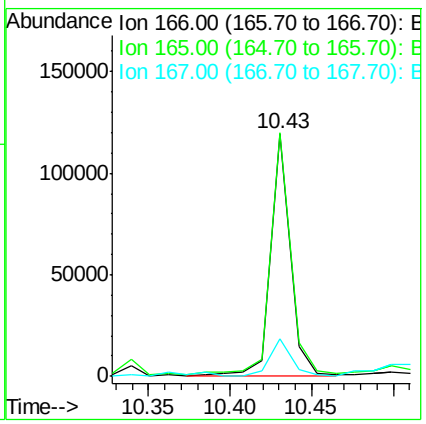


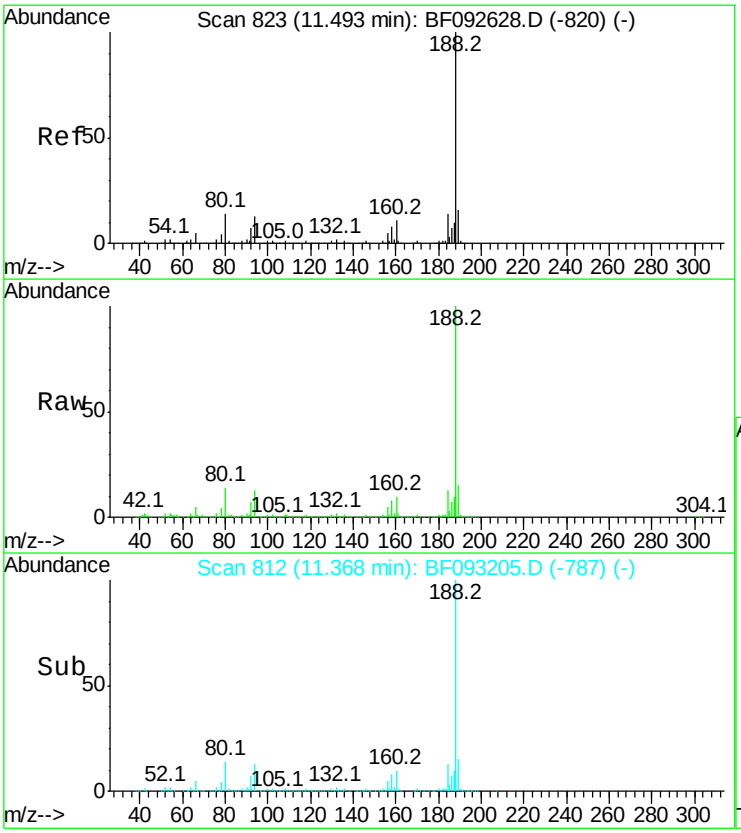
#57
Fluorene
Concen: 6.82 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:166 Resp: 99675

Ion	Ratio	Lower	Upper
166	100		
165	100.5	77.8	116.8
167	15.6	10.8	16.2

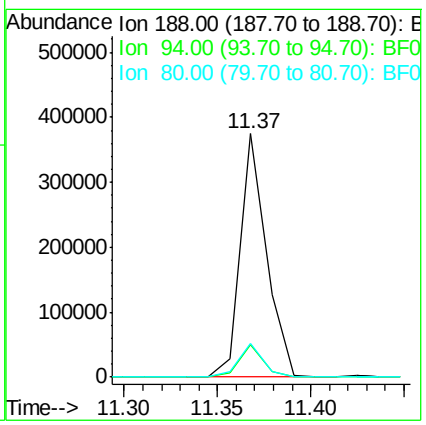


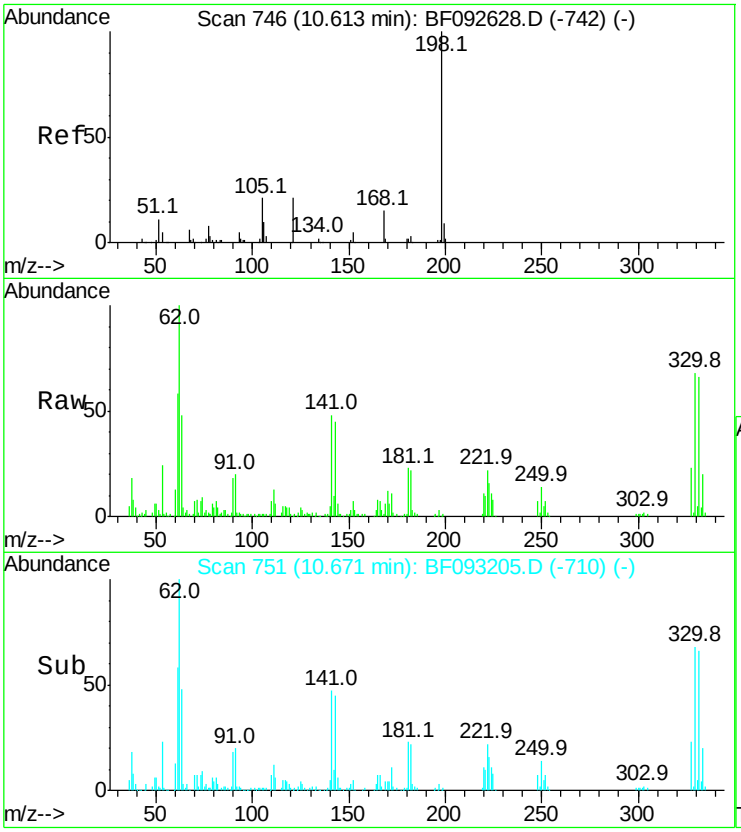


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:188 Resp: 365179

Ion	Ratio	Lower	Upper
188	100		
94	13.2	10.0	15.0
80	13.7	11.2	16.8



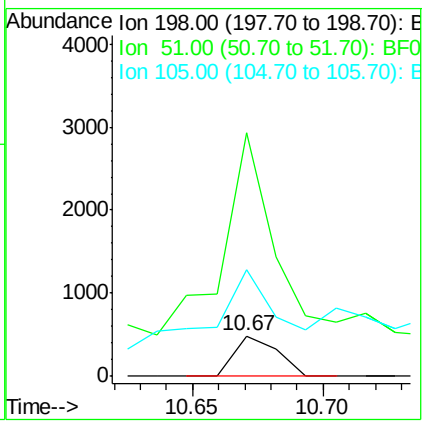


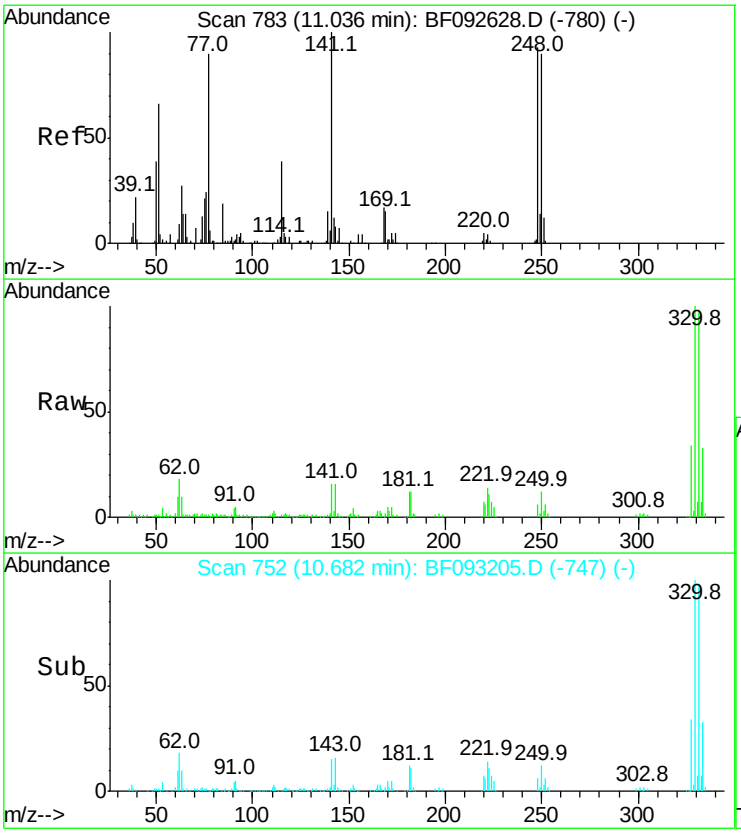
#64
4,6-Dinitro-2-methylphenol
Concen: 2.91 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:198 Resp: 565

Ion	Ratio	Lower	Upper
198	100		
51	600.4	6.7	46.7#
105	262.3	16.6	56.6#

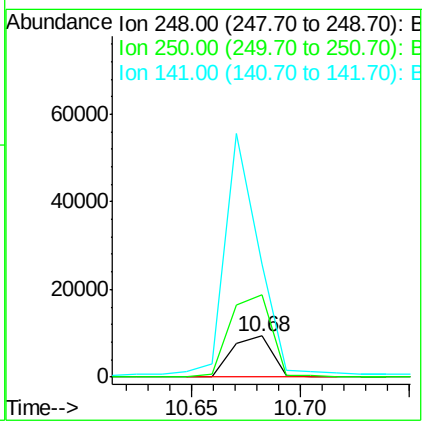


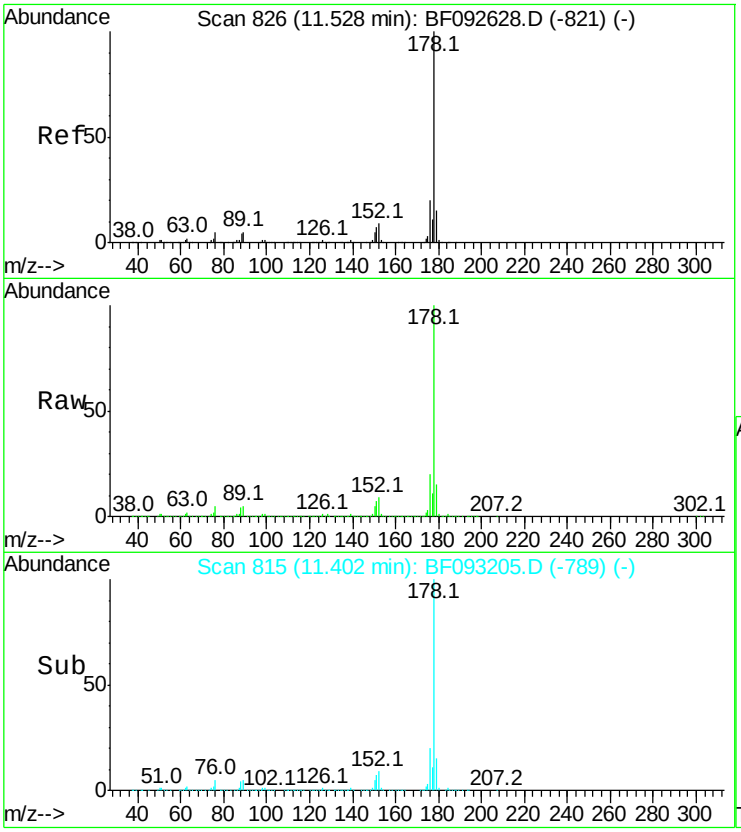


#66
4-Bromophenyl-phenylether
Concen: 3.13 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:248 Resp: 11923

Ion	Ratio	Lower	Upper
248	100		
250	201.1	76.9	115.3#
141	274.0	68.2	102.4#



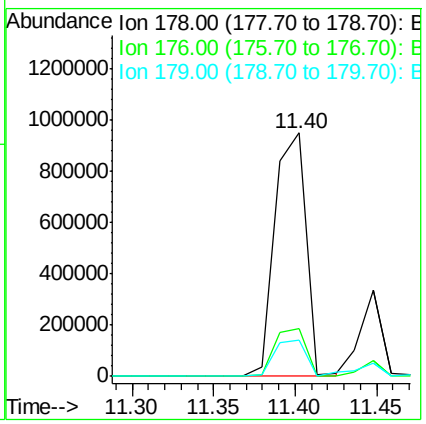


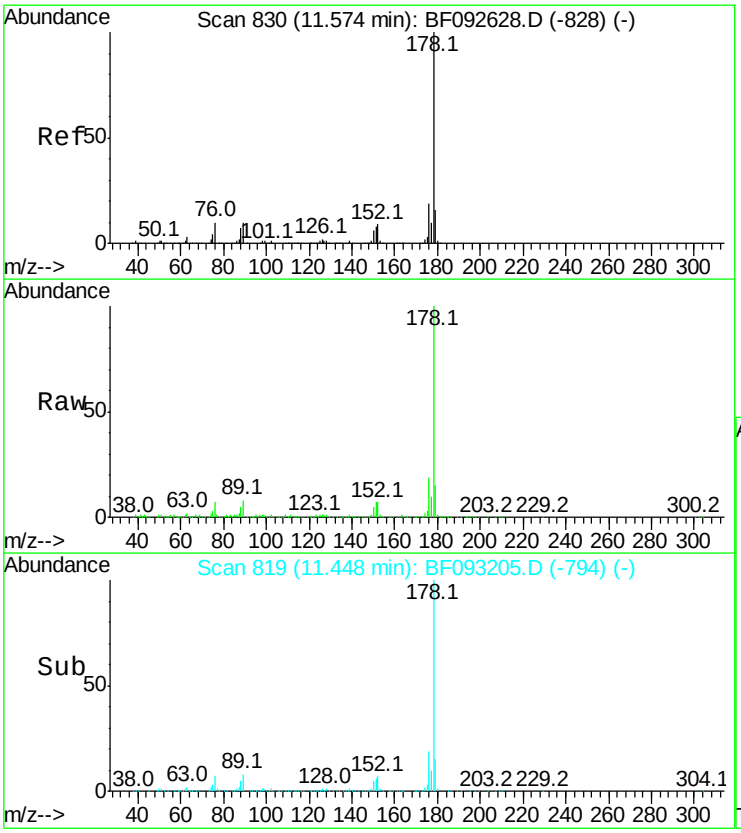
#70
Phenanthrene
Concen: 60.47 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:178 Resp: 1265109

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	15.1	12.8	19.2

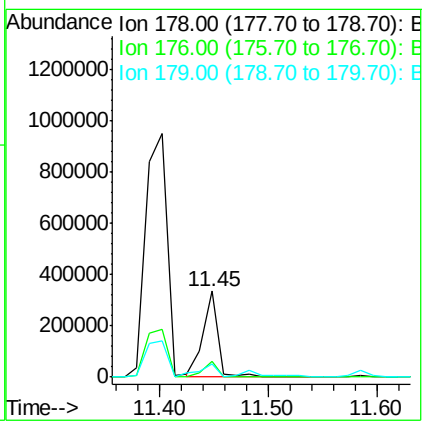


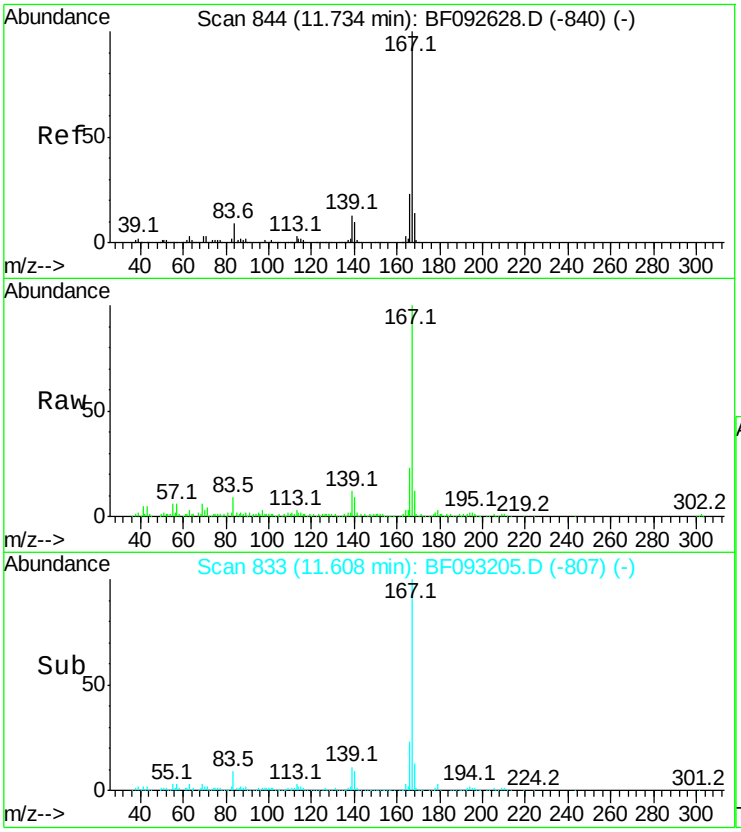


#71
Anthracene
Concen: 15.34 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:178 Resp: 322291

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.9	23.9
179	14.9	13.2	19.8



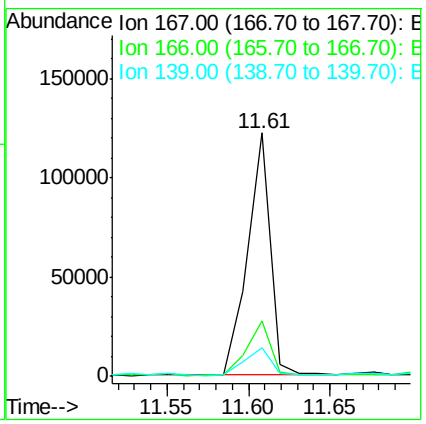


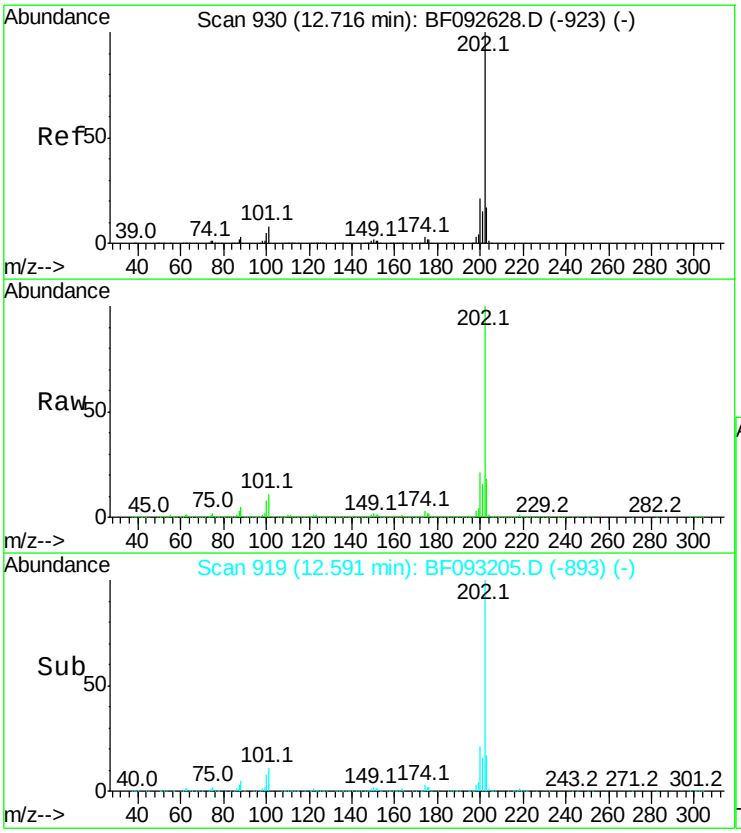
#72
Carbazole
Concen: 5.87 ng
RT: 11.61 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:167 Resp: 117962

Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.2
139	11.8	11.4	17.2

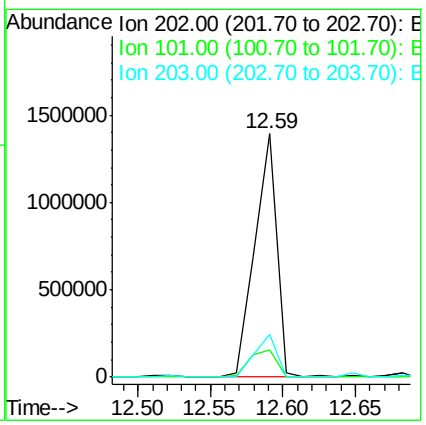


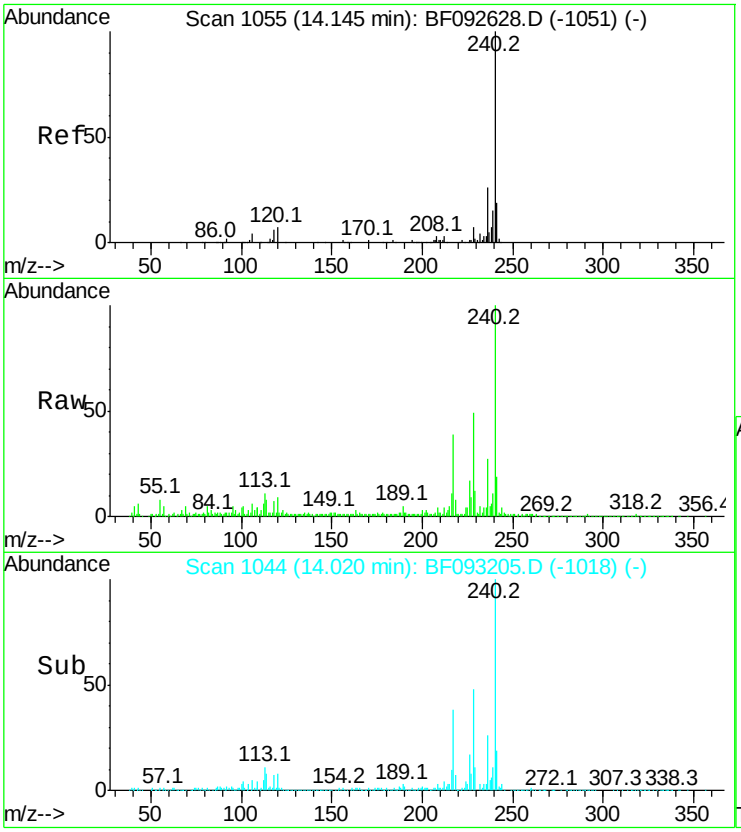


#74
Fluoranthene
Concen: 67.65 ng
RT: 12.59 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:202 Resp: 1459821

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	34.6
203	17.5	0.0	38.7



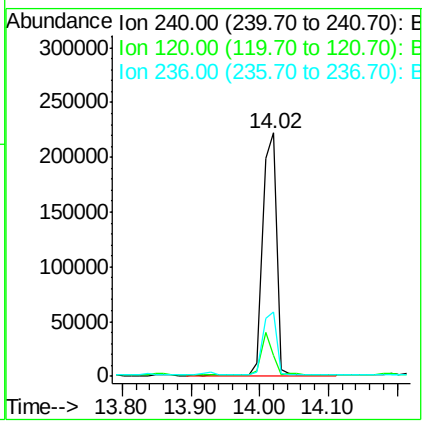


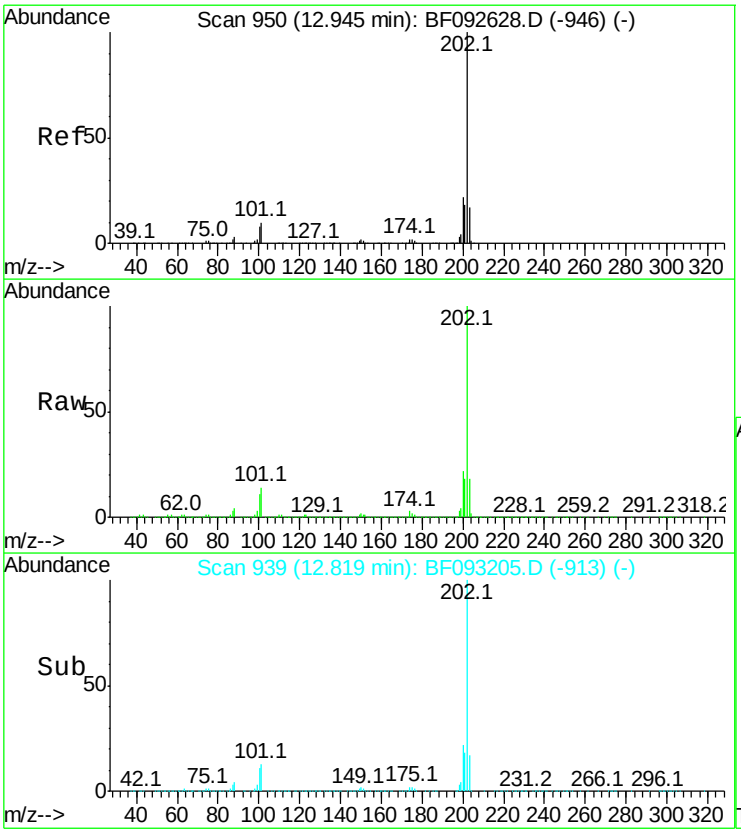
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:240 Resp: 304679

Ion	Ratio	Lower	Upper
240	100		
120	8.7	12.9	19.3#
236	26.7	20.9	31.3

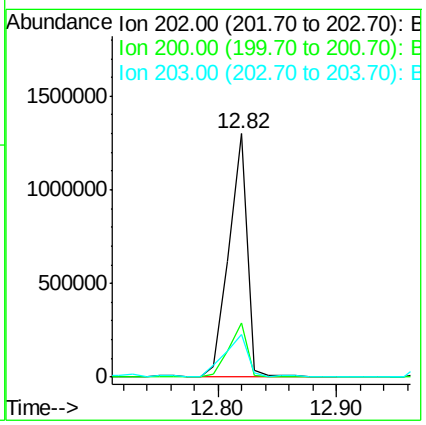


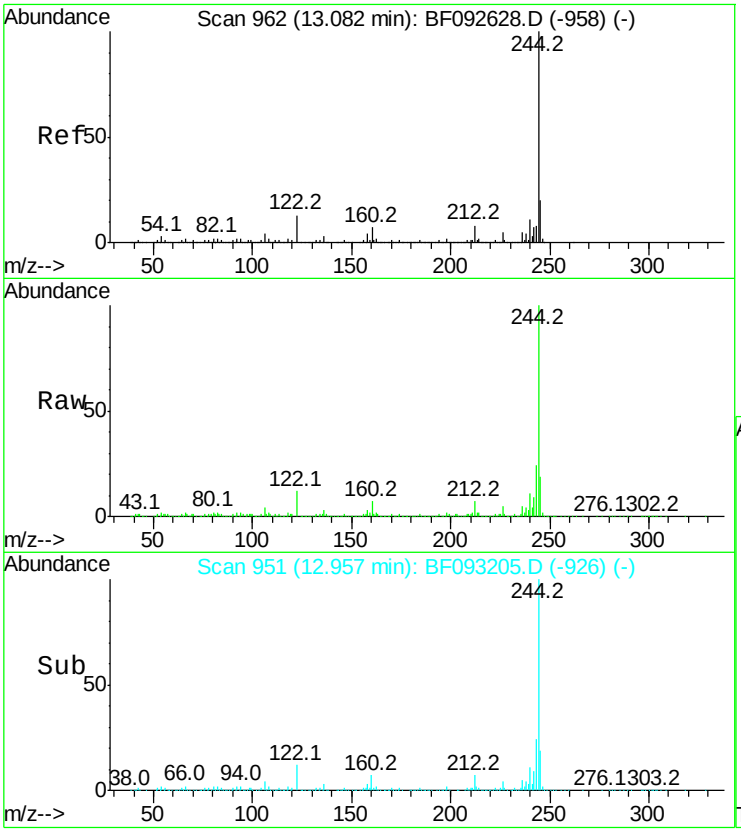


#77
Pyrene
Concen: 60.57 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:202 Resp: 1381053

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.6	14.7	22.1



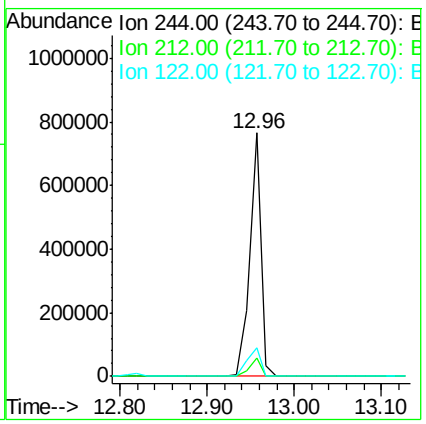


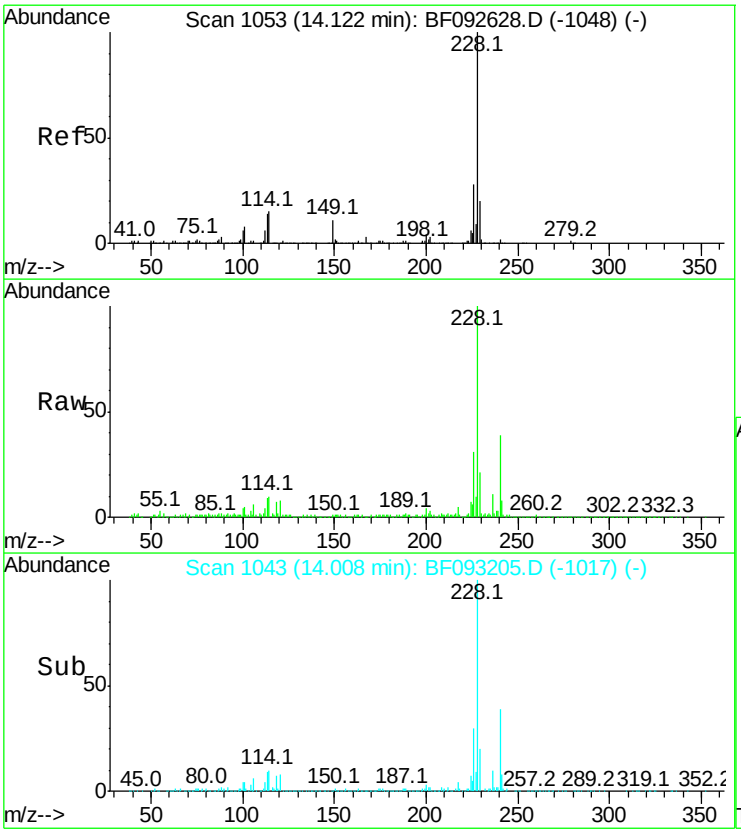
#78
Terphenyl-d14
Concen: 53.95 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:244 Resp: 699611

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.0	11.4	17.2

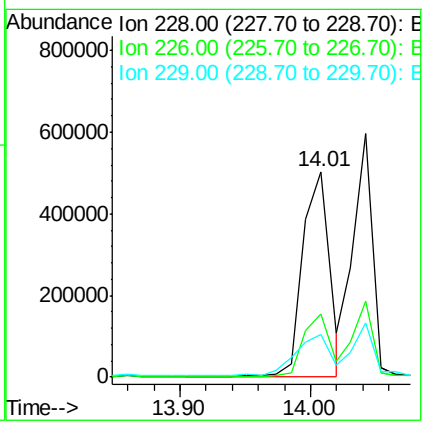


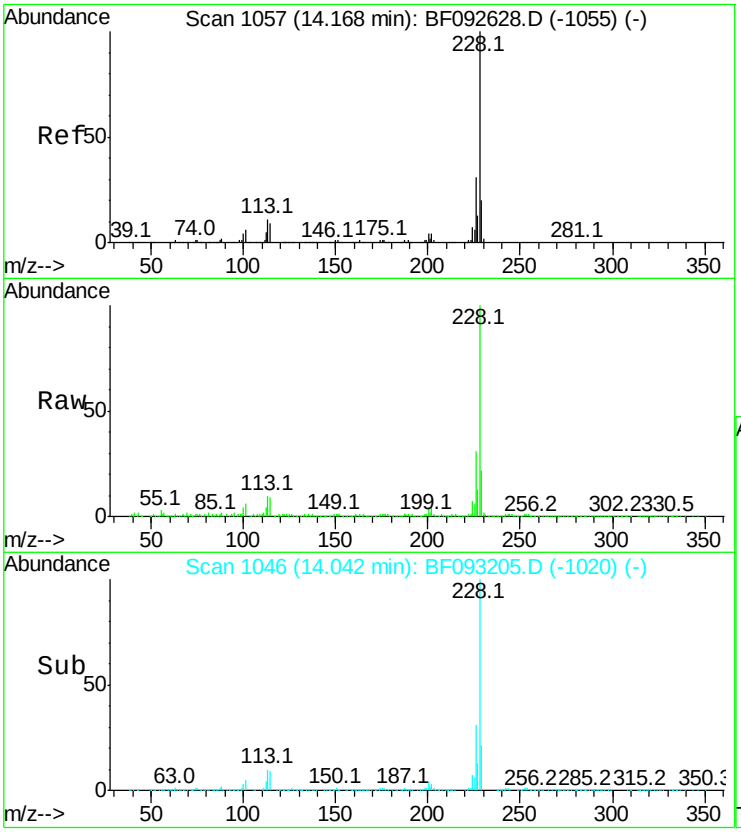


#80
Benzo(a)anthracene
Concen: 38.15 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:228 Resp: 710838

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.4	33.6
229	20.9	16.2	24.4



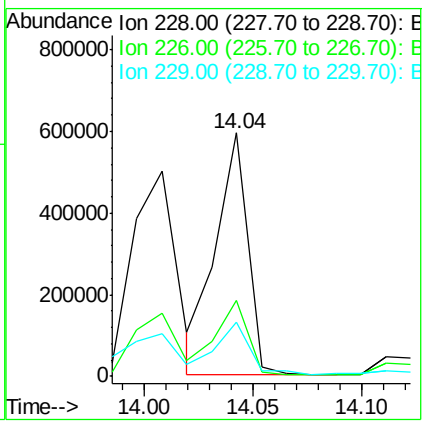


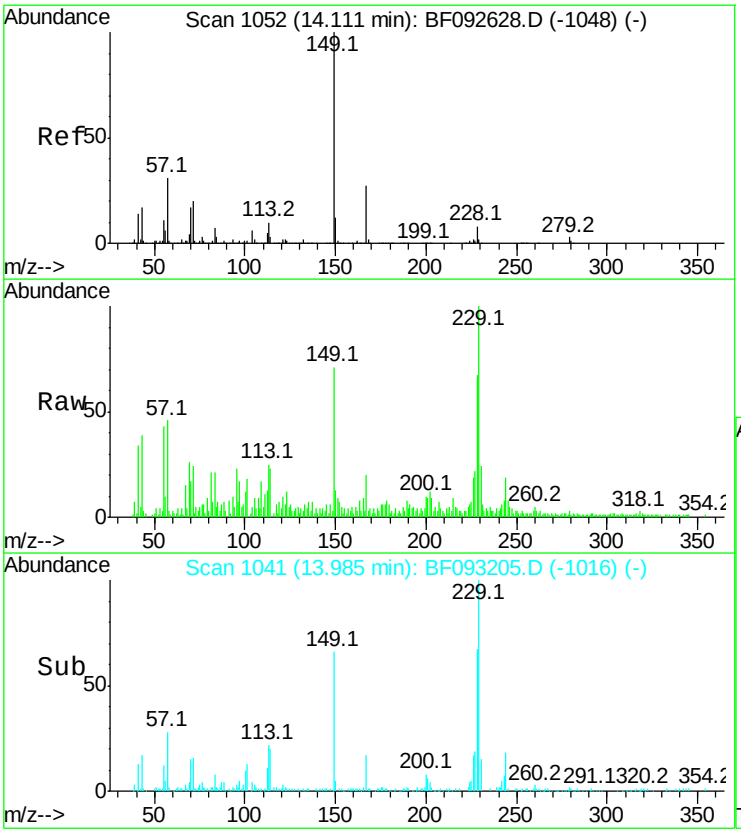
#82
Chrysene
Concen: 34.71 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:228 Resp: 605542

Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	22.3	16.2	24.2

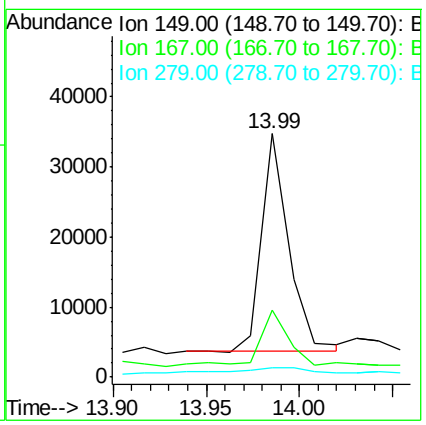


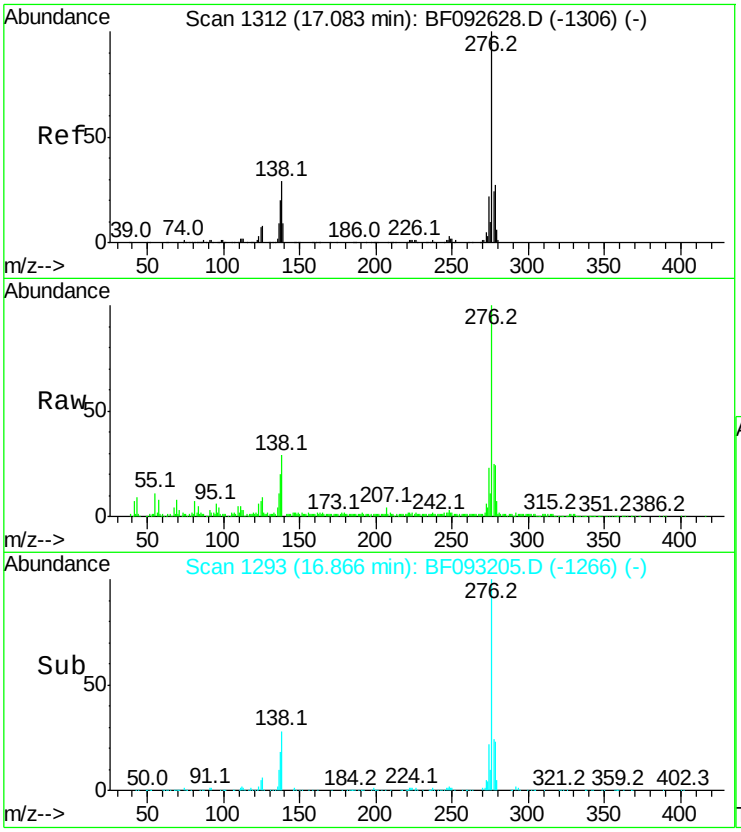


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.49 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:149 Resp: 31551

Ion	Ratio	Lower	Upper
149	100		
167	27.3	20.2	30.4
279	3.7	1.8	2.8#



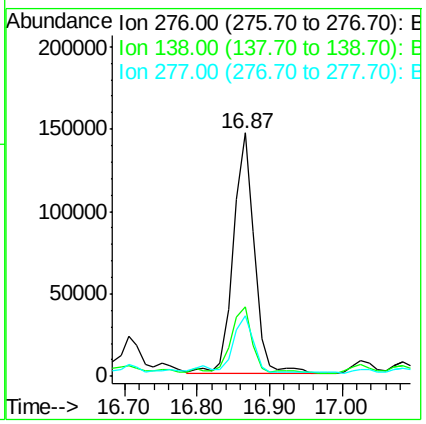


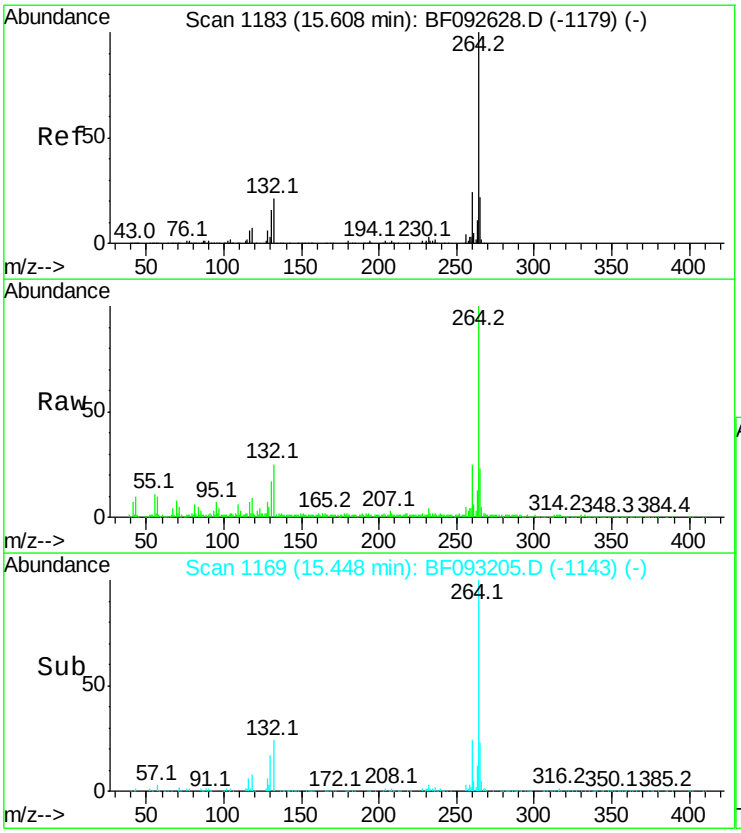
#85
Indeno(1,2,3-cd)pyrene
Concen: 21.70 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:276 Resp: 293232

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.8	32.6
277	22.0	20.2	30.4

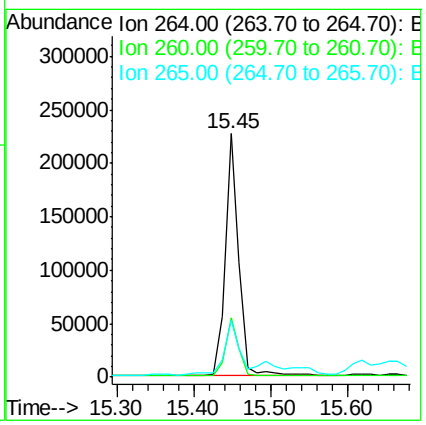


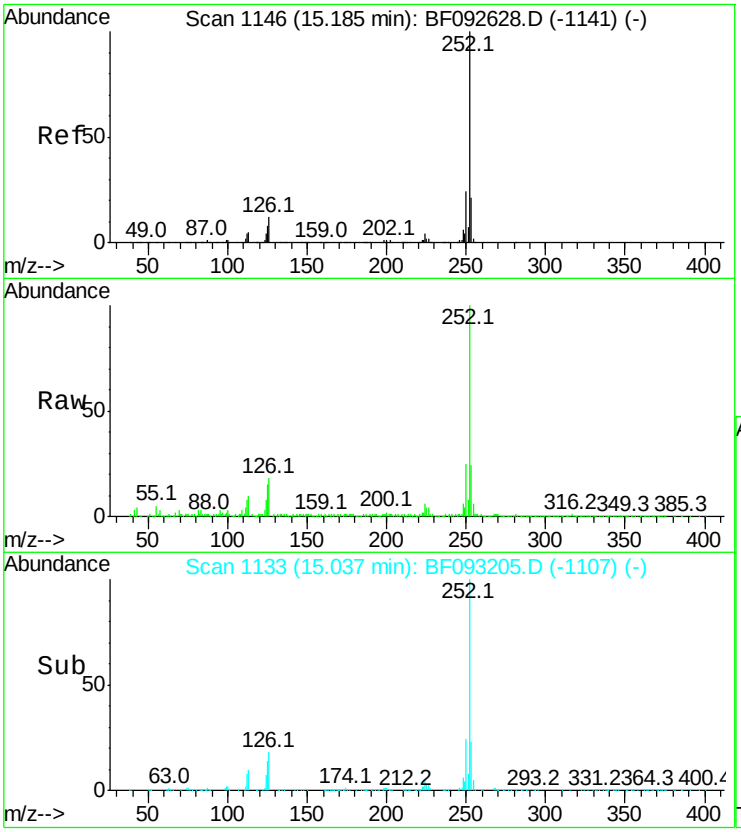


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:264 Resp: 284551

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	23.3	17.4	26.0



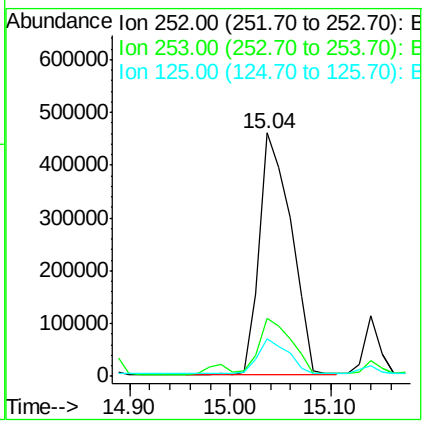


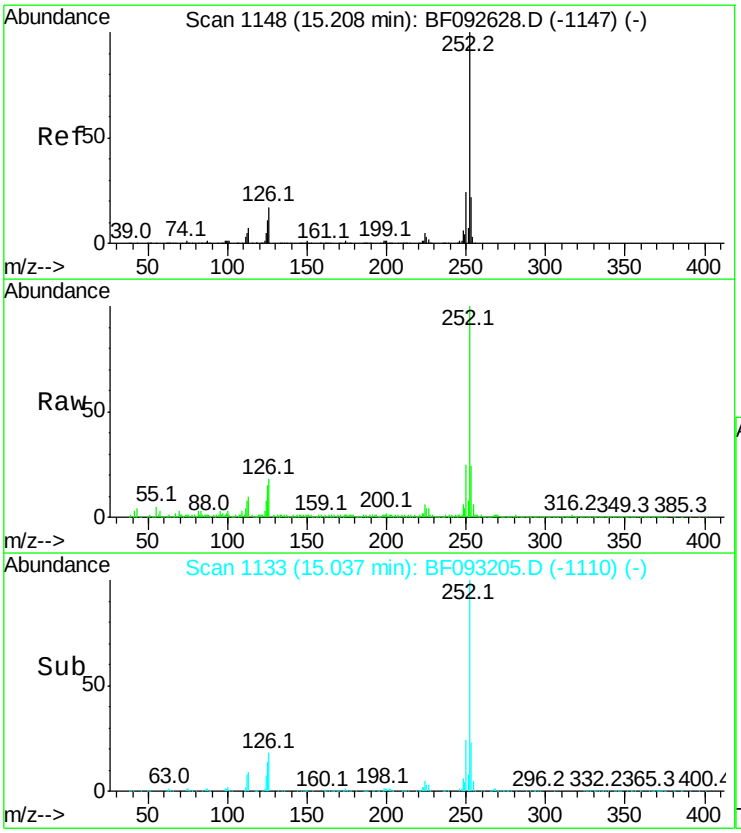
#87
Benzo(b)fluoranthene
Concen: 54.05 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:252 Resp: 1012386

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	15.2	9.8	14.6#

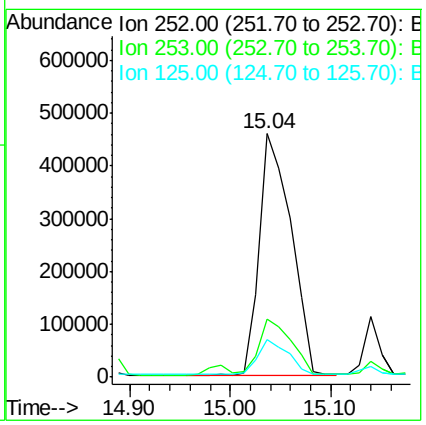


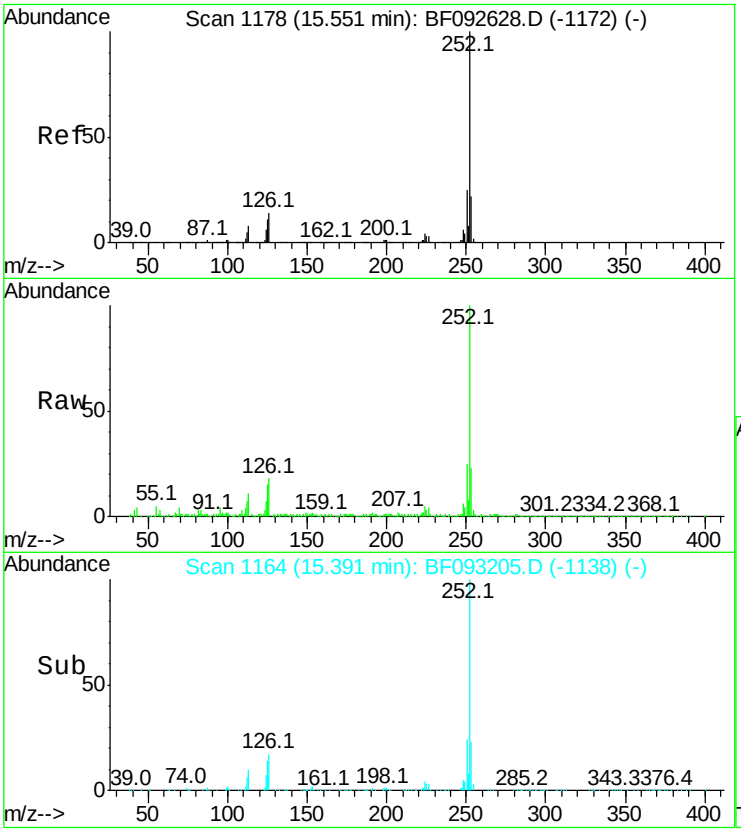


#88
Benzo(k)fluoranthene
Concen: 62.60 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:252 Resp: 1012386

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.5	27.7
125	15.2	8.9	13.3#



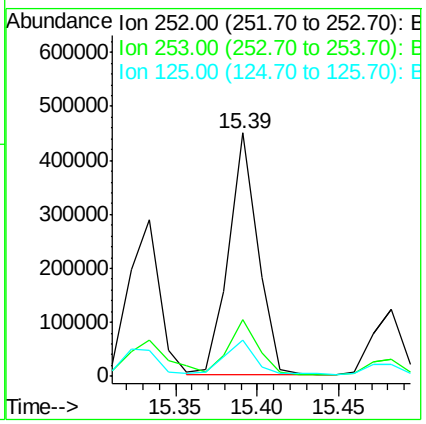


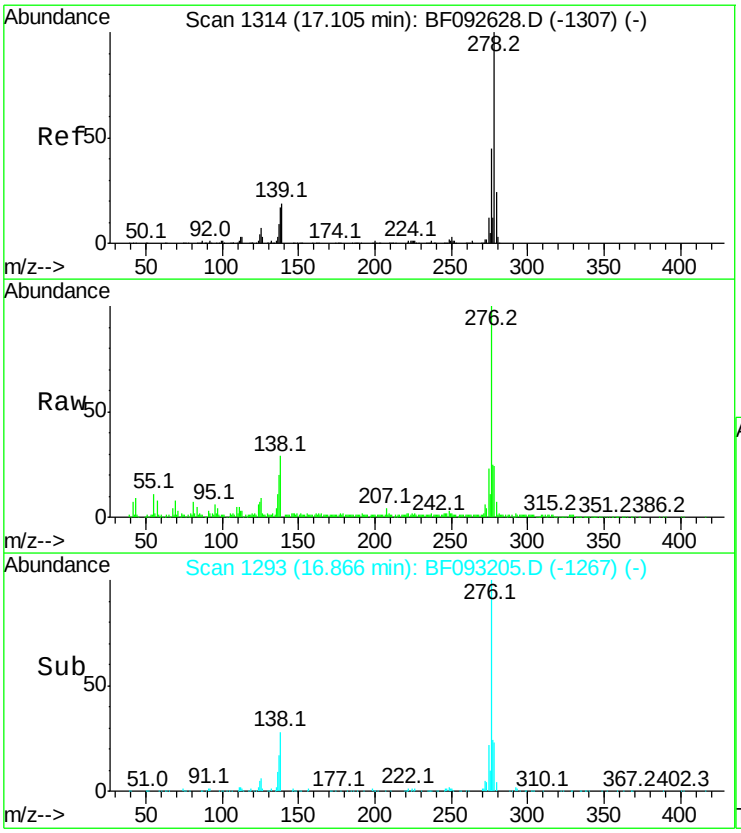
#89
Benzo(a)pyrene
Concen: 34.24 ng
RT: 15.39 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:252 Resp: 554730

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	14.8	10.0	15.0

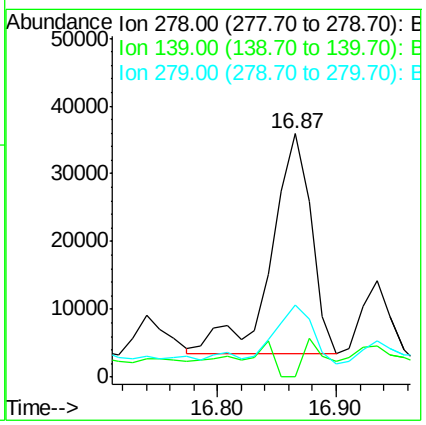


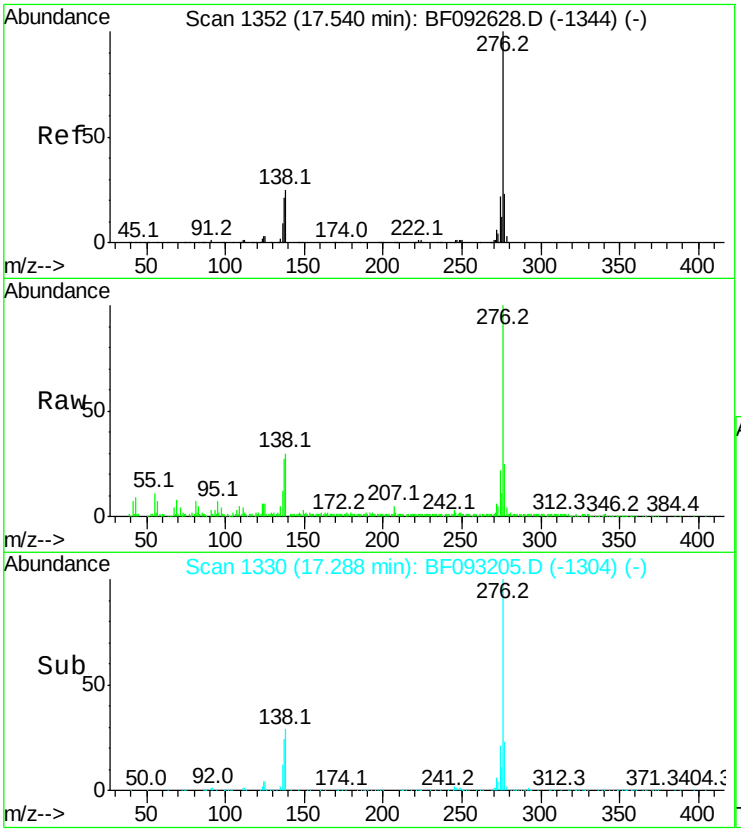


#90
Dibenzo(a,h)anthracene
Concen: 5.85 ng
RT: 16.87 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Tgt Ion:278 Resp: 76549

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	29.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 20.33 ng
RT: 17.29 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF093205.D
Acq: 27 Feb 2017 13:31

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-4

Tgt Ion:276 Resp: 268903

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.2	28.8
138	29.9	16.0	24.0#