Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093298.D
Acq On : 1 Mar 2017 19:19
Operator : SJ/MA
Sample : I2003-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB421B

Quant Time: Mar 02 00:04:32 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	6.81	152	132480	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	570807	20.00	ng		-0.06
38) Acenaphthene-d10	9.84	164	259722	20.00	ng		-0.06
63) Phenanthrene-d10	11.33	188	483463	20.00	ng		-0.05
75) Chrysene-d12	13.97	240	373517	20.00	ng		-0.05
86) Perylene-d12	15.39	264	284278	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	915681	118.58	ng		-0.05
7) Phenol-d6	6.45	99	1118919	112.62	ng		-0.03
23) Nitrobenzene-d5	7.38	82	793140	77.38	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	223155	118.80	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	1154132	80.51	ng		-0.06
78) Terphenyl-d14	12.91	244	1004009	63.16	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	107893	17.06	ng	#	77
25) Isophorone	7.38	82	790713	41.40	ng	#	65
32) Benzoic acid	7.92	122	295	7.22	ng	#	31
49) Dimethylphthalate	9.56	163	321089	18.35	ng		98
64) 4,6-Dinitro-2-methylphenol	10.64	198	481	2.82	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	17778	3.52	ng	#	1
70) Phenanthrene	11.36	178	377044	13.61	ng		98
71) Anthracene	11.40	178	78404	2.82	ng		98
74) Fluoranthene	12.55	202	553865	19.39	ng		94
77) Pyrene	12.77	202	516833	18.49	ng		98
80) Benzo(a)anthracene	13.96	228	252856	11.07	ng		99
82) Chrysene	14.00	228	239553	11.20	ng		98
85) Indeno(1,2,3-cd)pyrene	16.79	276	144203	8.70	ng		97
87) Benzo(b)fluoranthene	14.99	252	366365	19.58	ng		98
88) Benzo(k)fluoranthene	14.99	252	366365	22.68	ng		97
89) Benzo(a)pyrene	15.33	252	220668	13.63	ng		99
90) Dibenzo(a,h)anthracene	16.95	278	31849	2.43	ng		96
91) Benzo(g,h,i)perylene	17.21	276	136797	10.35	ng	#	92

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

Quantitation Report (Not Reviewed)

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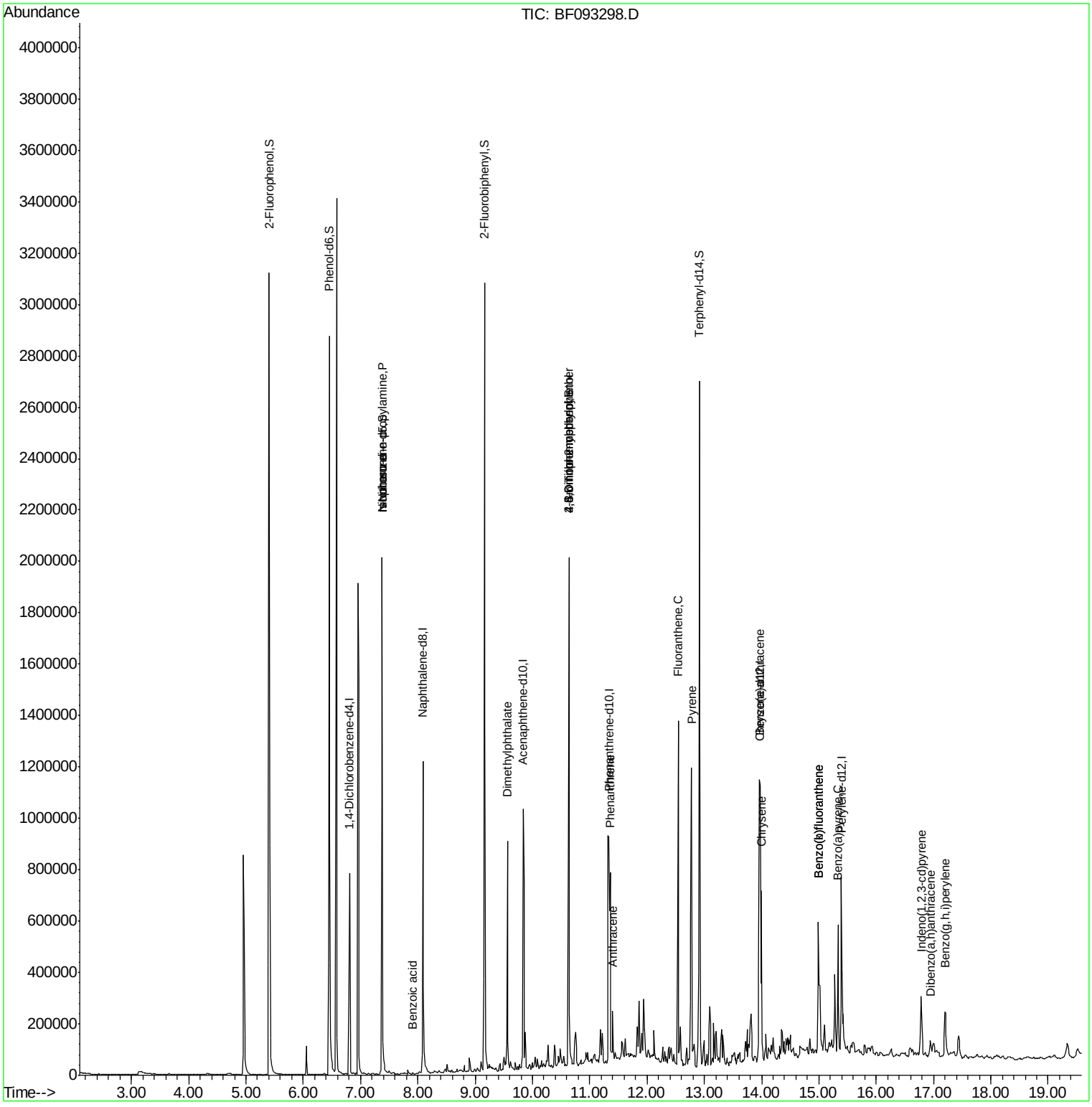
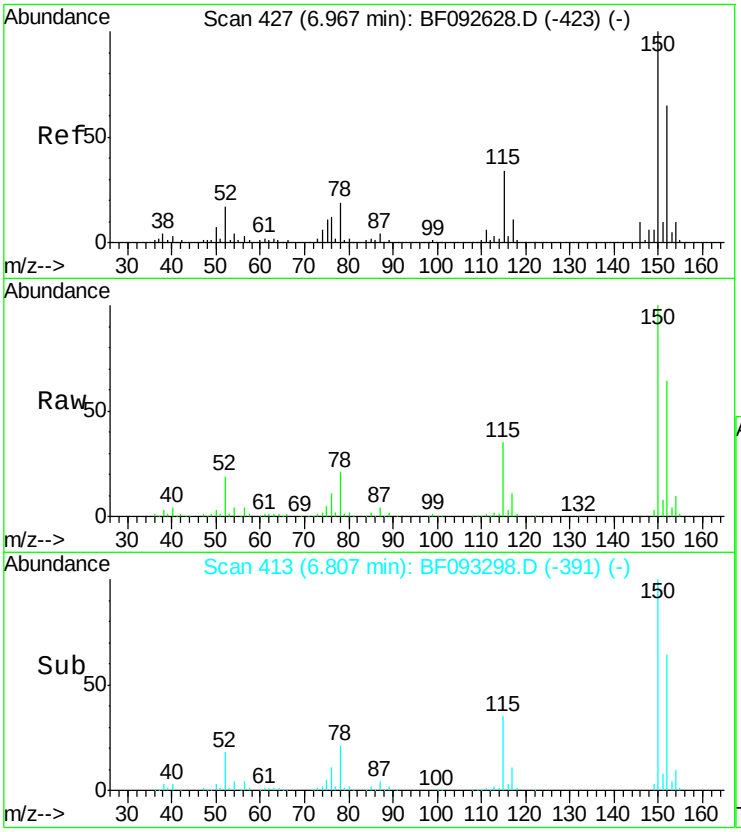


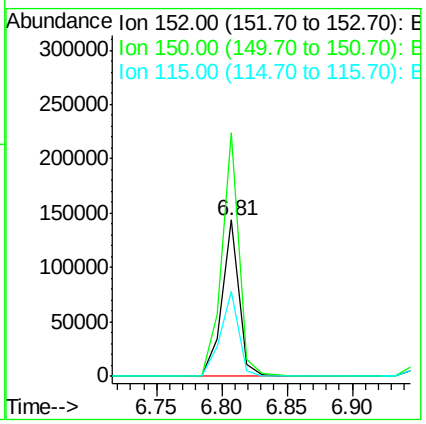


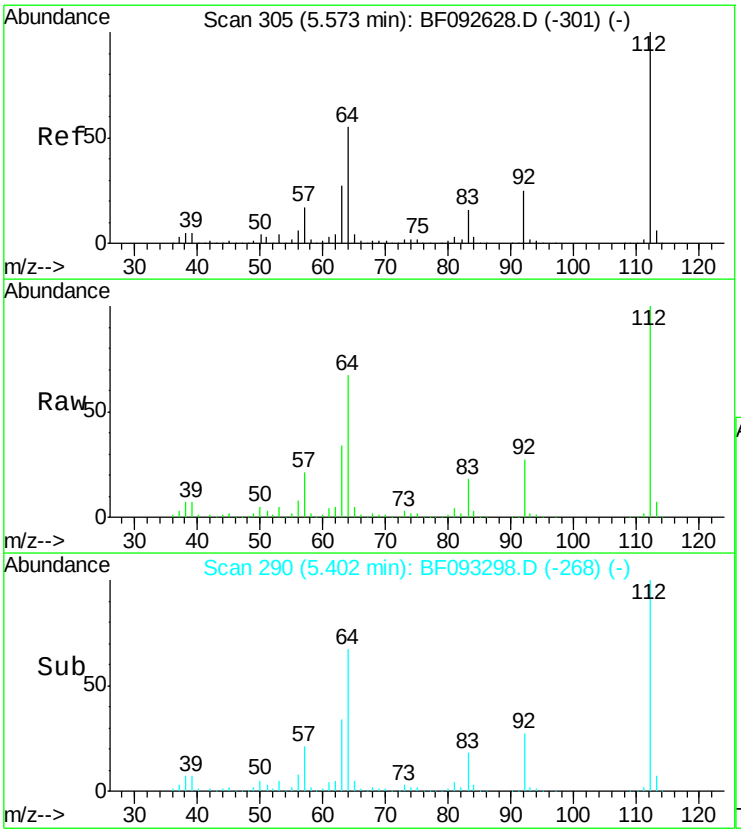
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:152 Resp: 132480

Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.9	187.3
115	54.4	46.0	69.0

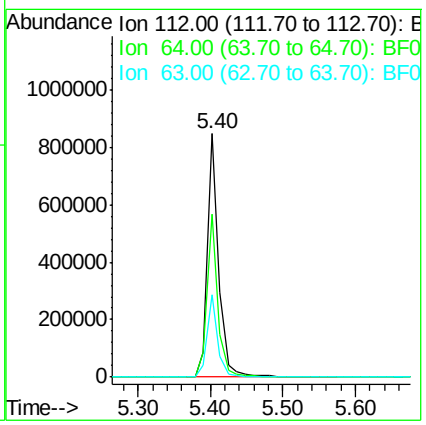


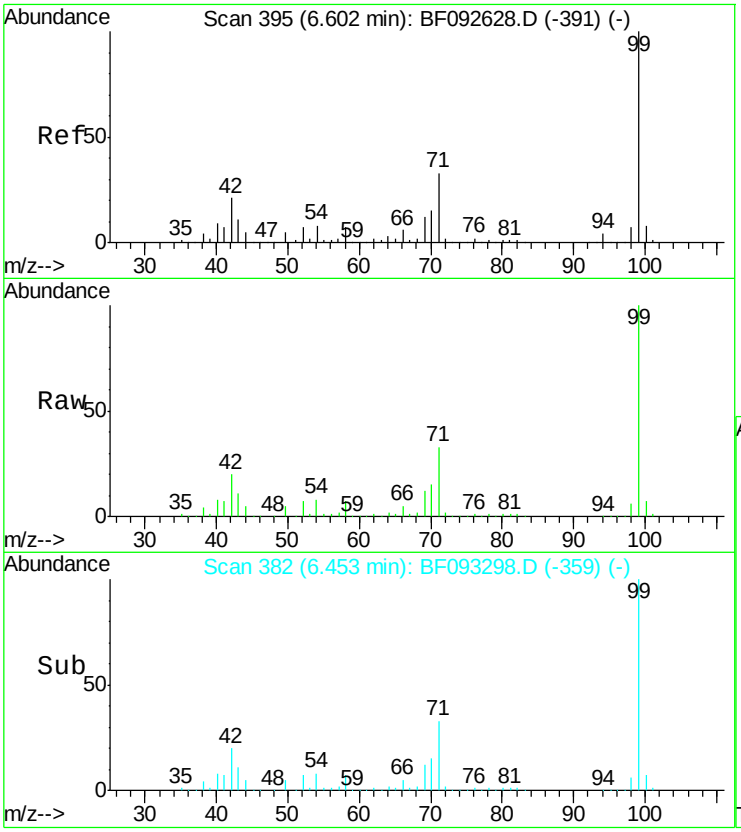


#5
2-Fluorophenol
Concen: 118.58 ng
RT: 5.40 min Scan# 290
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:112 Resp: 915681

Ion	Ratio	Lower	Upper
112	100		
64	67.1	46.1	69.1
63	33.6	23.8	35.6



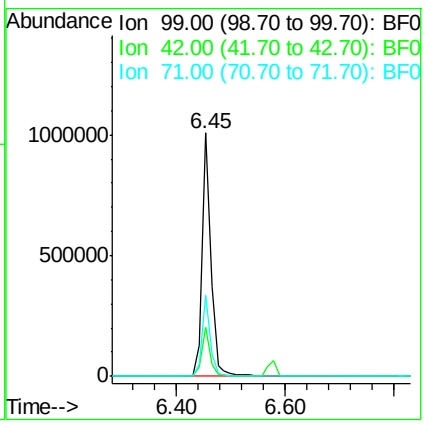


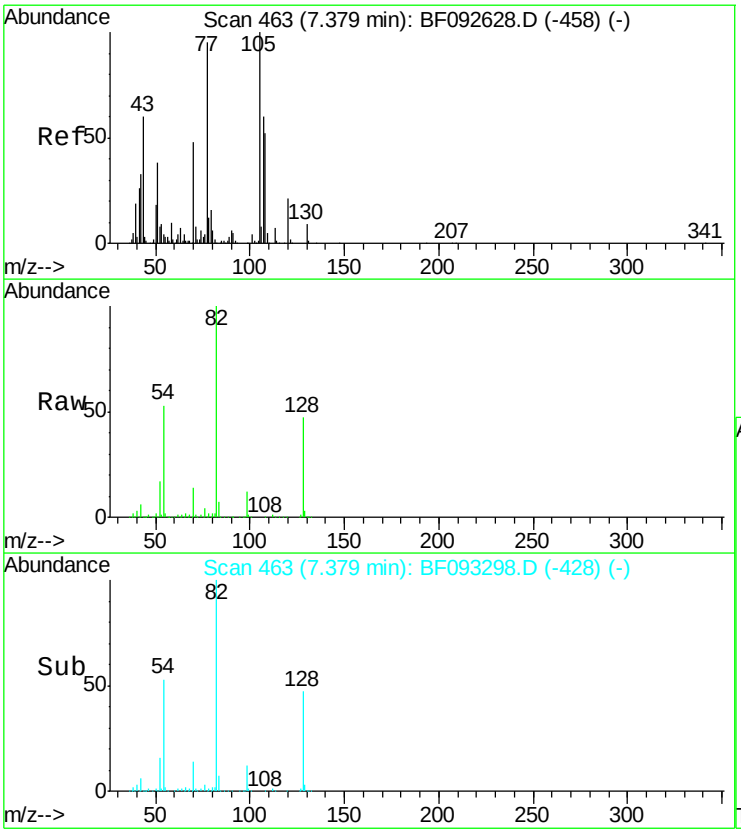
#7
Phenol-d6
Concen: 112.62 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.03 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion: 99 Resp: 1118919

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.1	27.5	41.3

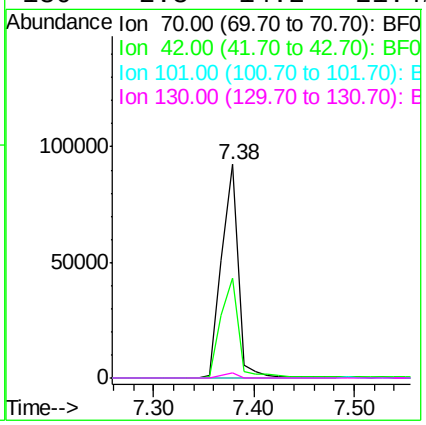


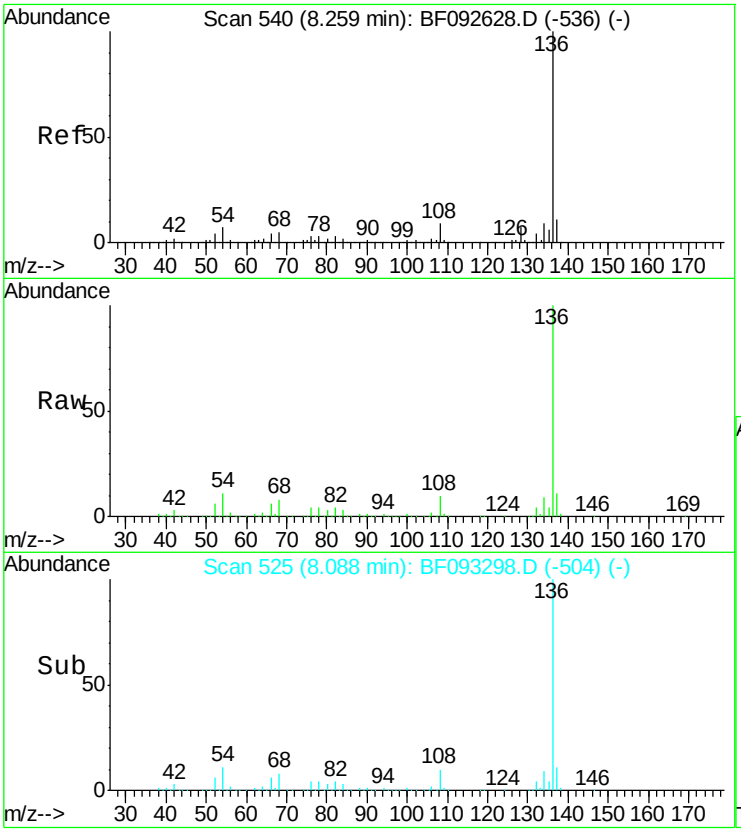


#19
n-Nitroso-di-n-propylamine
Concen: 17.06 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion: 70 Resp: 107893

Ion	Ratio	Lower	Upper
70	100		
42	46.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



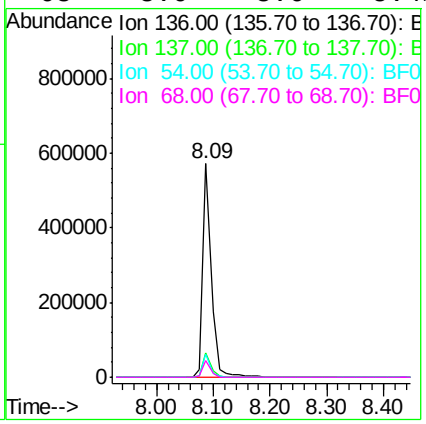


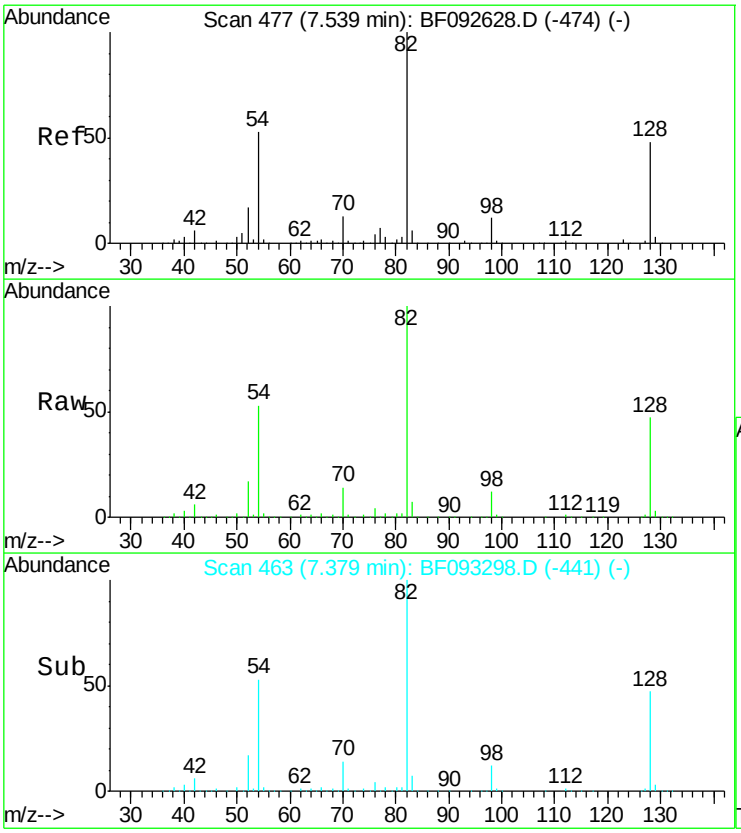
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:136 Resp: 570807

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.0	4.5	6.7#
68	8.0	3.6	5.4#

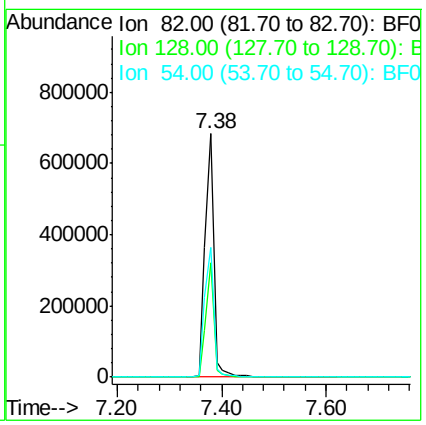


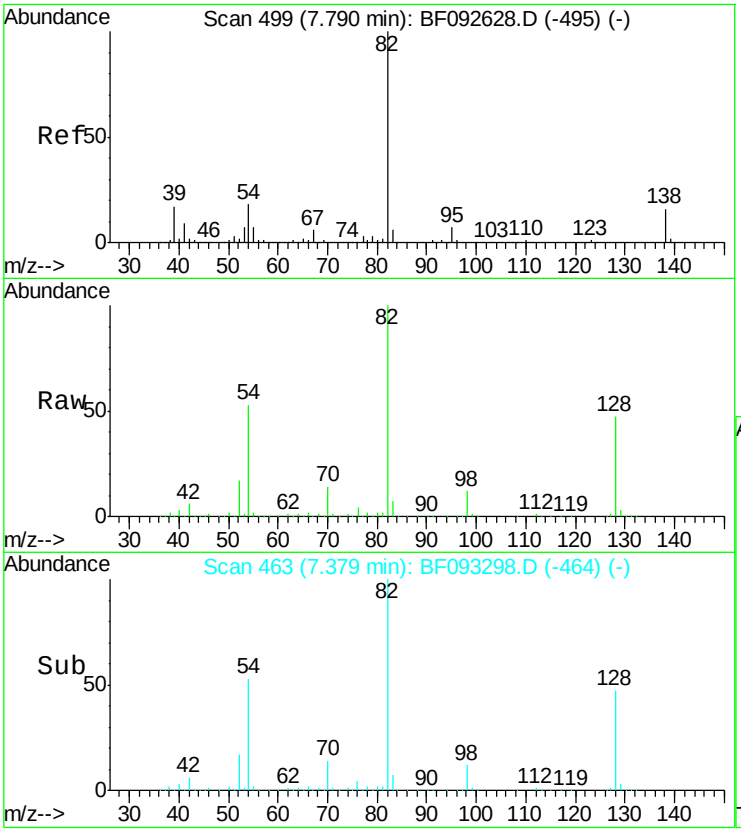


#23
Nitrobenzene-d5
Concen: 77.38 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion: 82 Resp: 793140

Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.6	52.0
54	53.2	39.5	59.3



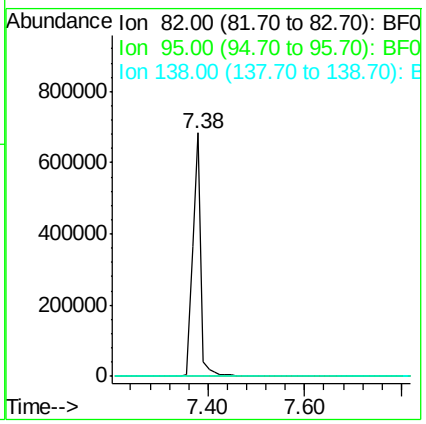


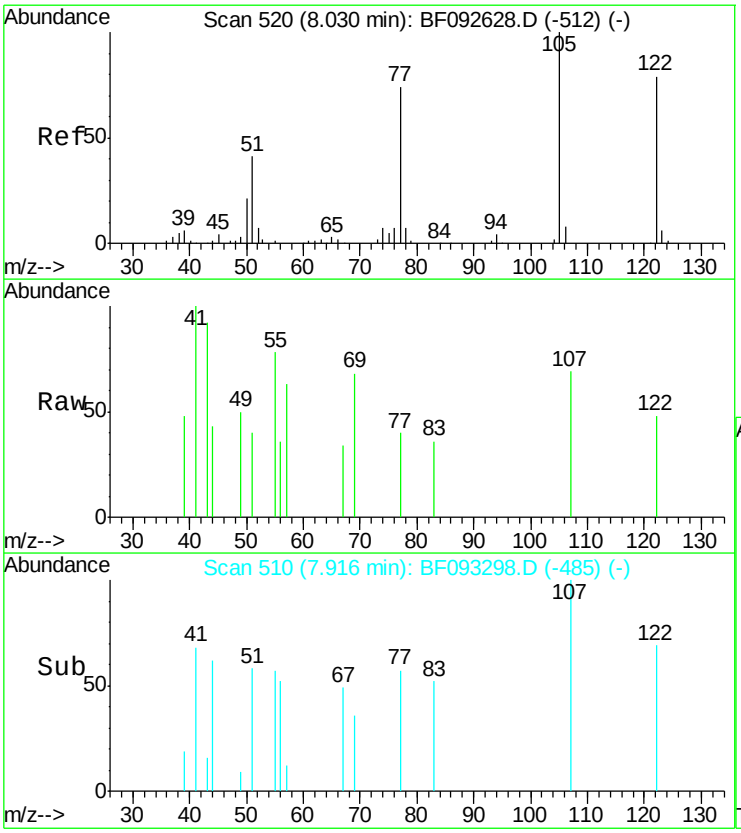
#25
Isophorone
Concen: 41.40 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion: 82 Resp: 790713

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

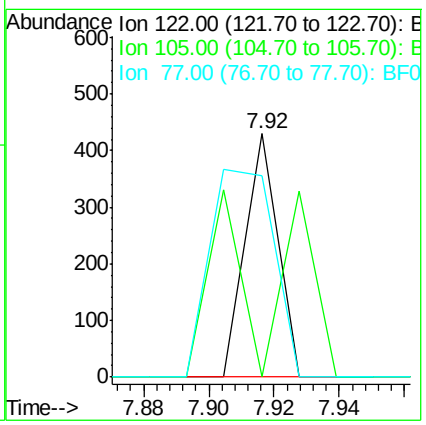


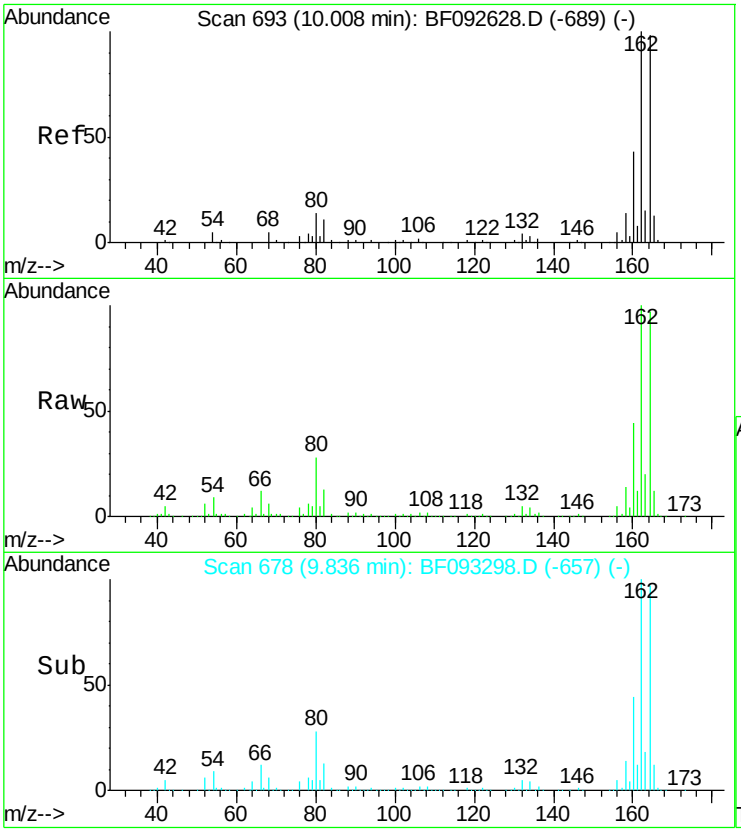


#32
Benzoic acid
Concen: 7.22 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:122 Resp: 295

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	82.6	74.5	114.5



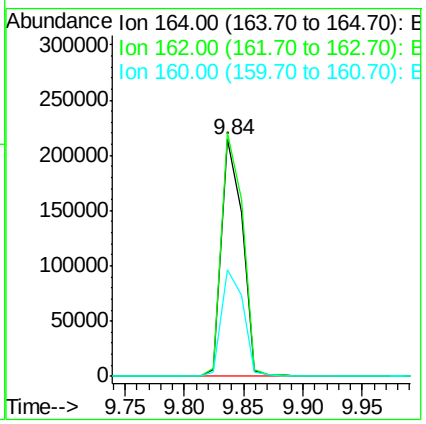


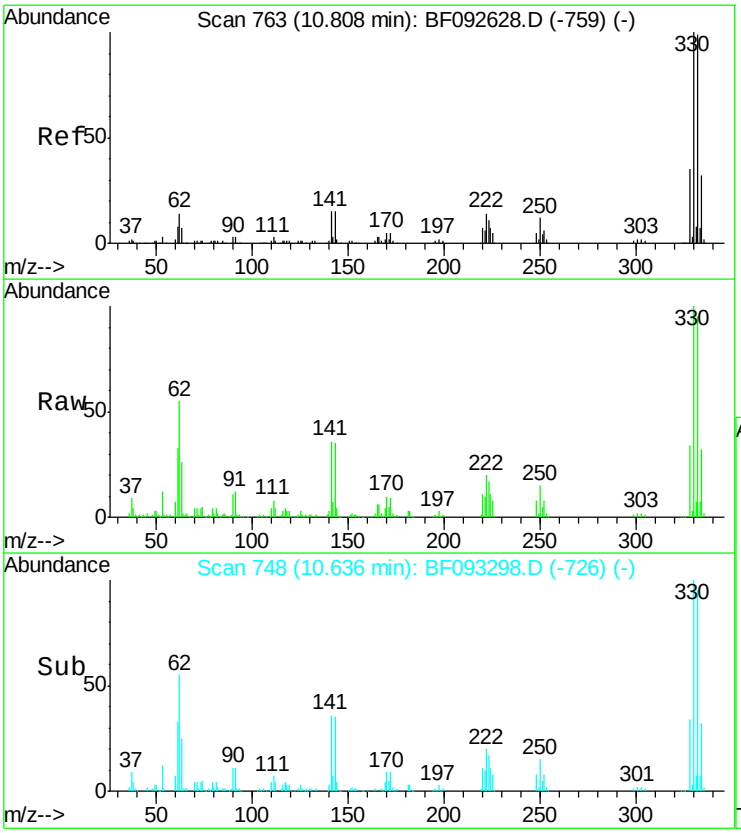
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:164 Resp: 259722

Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.2	120.2
160	45.0	36.9	55.3

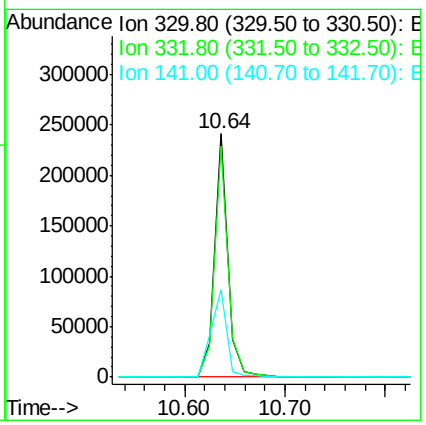


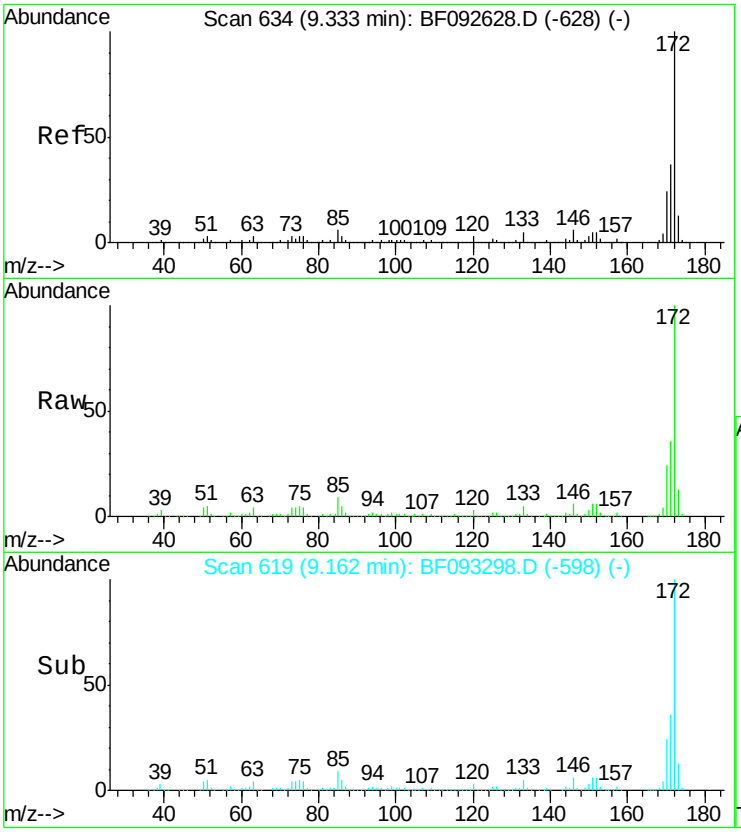


#41
2,4,6-Tribromophenol
Concen: 118.80 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:330 Resp: 223155

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	43.1	34.1	51.1



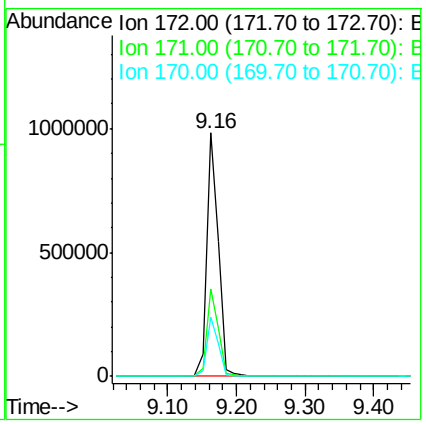


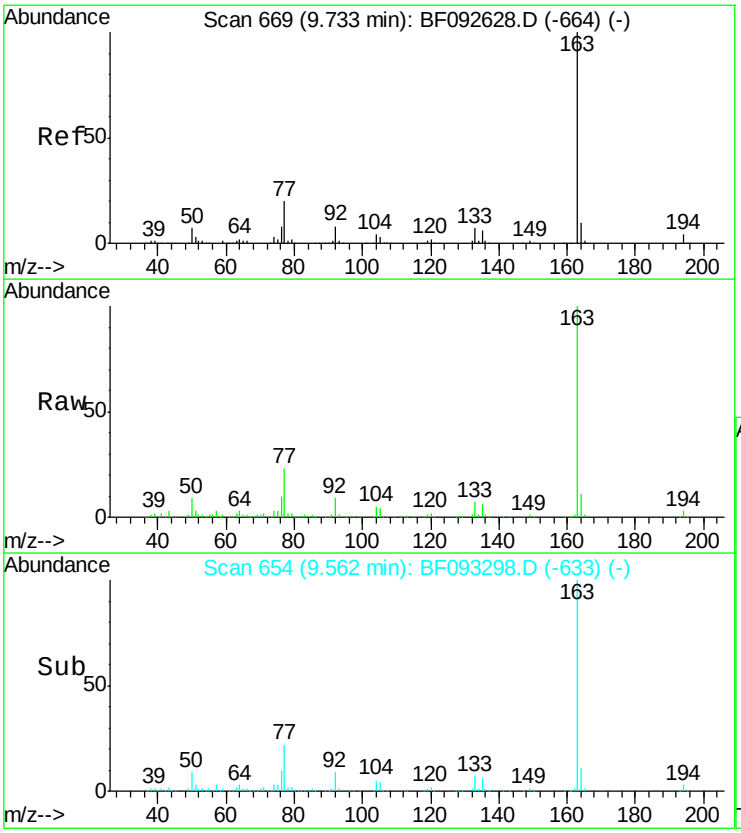
#44
2-Fluorobiphenyl
Concen: 80.51 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:172 Resp: 1154132

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

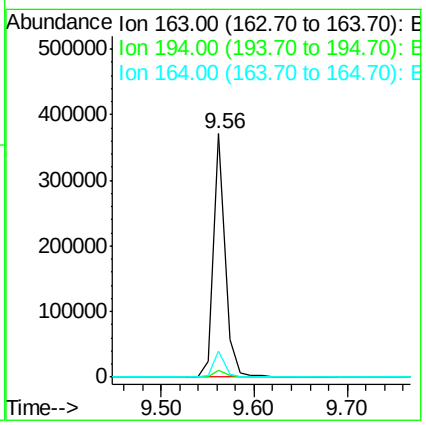


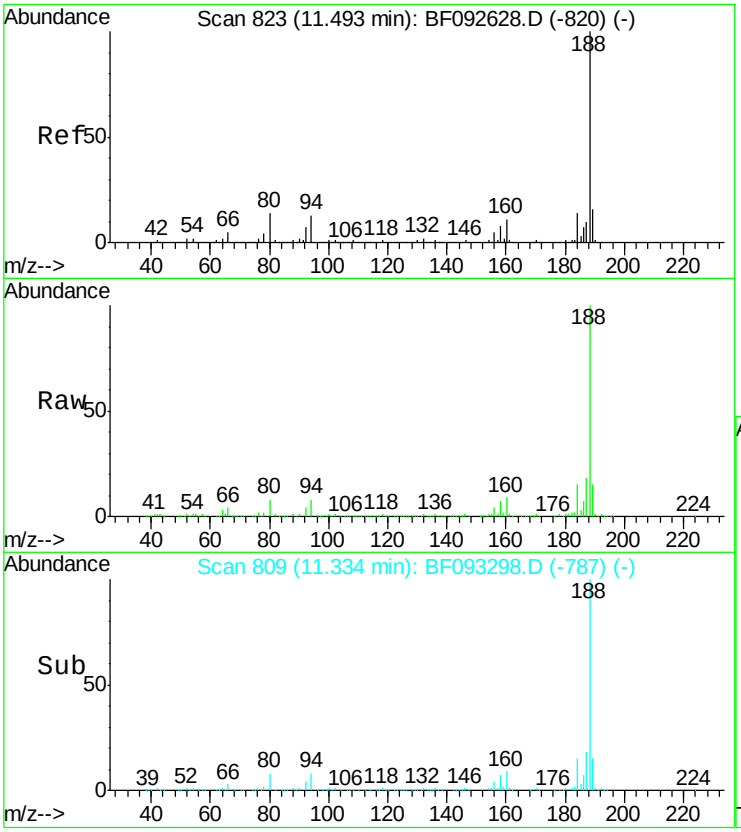


#49
Dimethylphthalate
Concen: 18.35 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:163 Resp: 321089

Ion	Ratio	Lower	Upper
163	100		
194	3.0	3.0	4.4
164	10.6	8.0	12.0



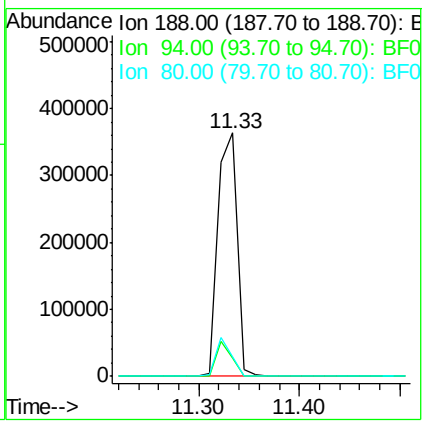


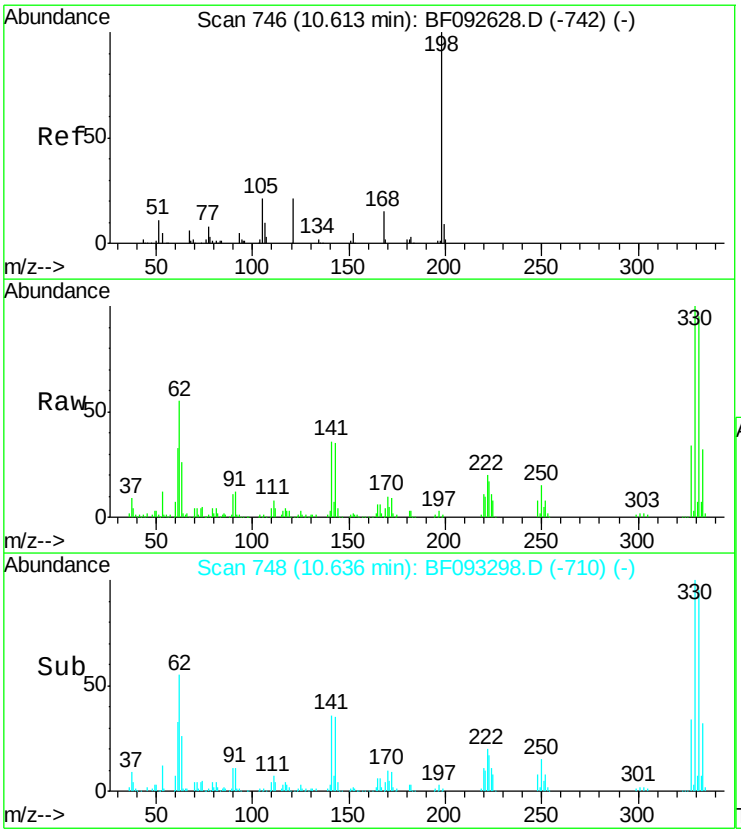
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:188 Resp: 483463

Ion	Ratio	Lower	Upper
188	100		
94	7.8	10.0	15.0#
80	8.2	11.2	16.8#

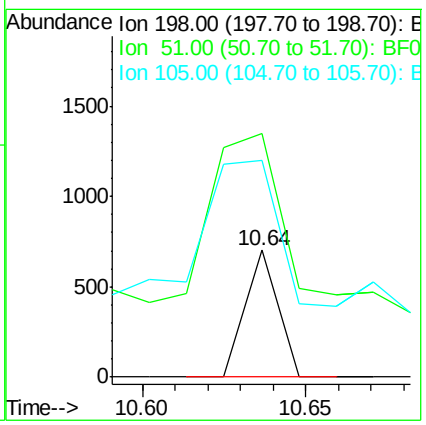


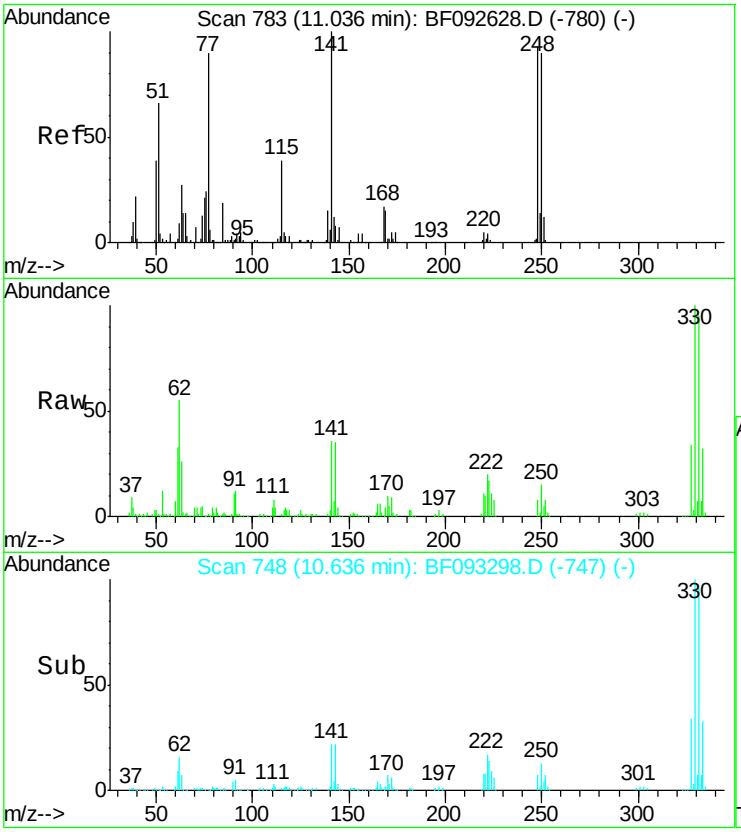


#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:198 Resp: 481

Ion	Ratio	Lower	Upper
198	100		
51	191.9	6.7	46.7#
105	170.8	16.6	56.6#



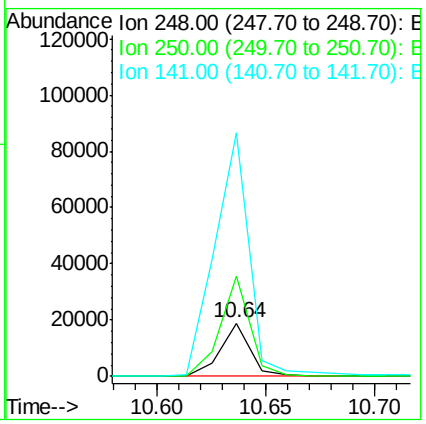


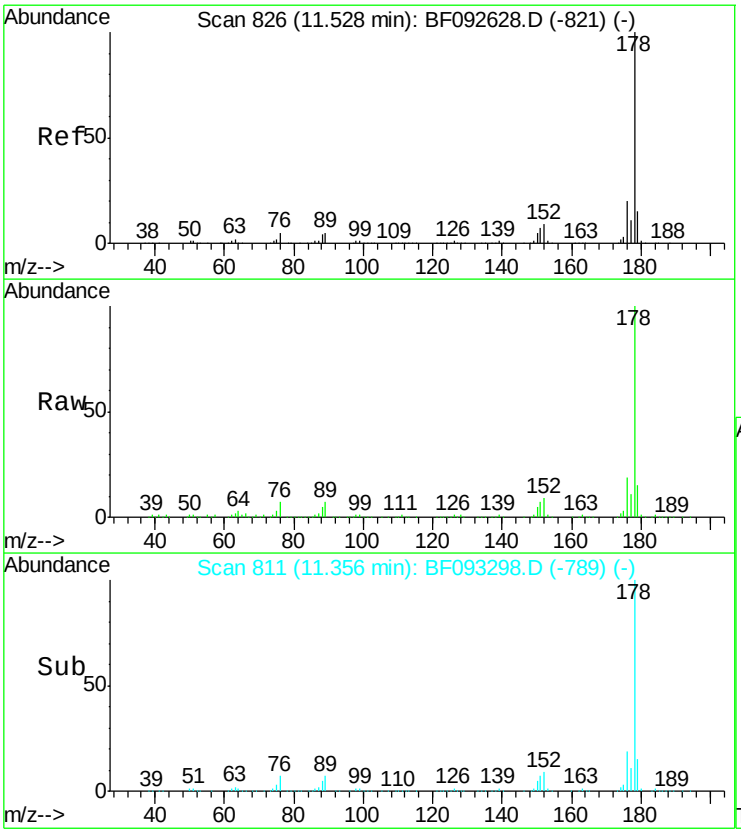
#66
4-Bromophenyl-phenylether
Concen: 3.52 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:248 Resp: 17778

Ion	Ratio	Lower	Upper
248	100		
250	187.5	76.9	115.3#
141	455.4	68.2	102.4#

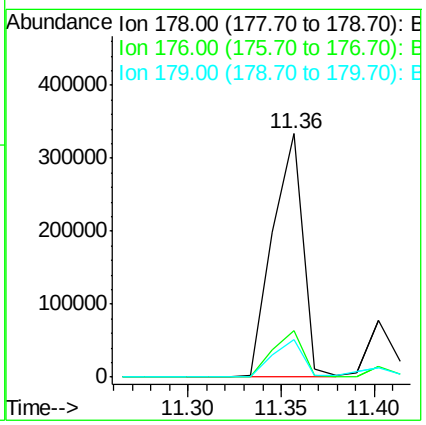


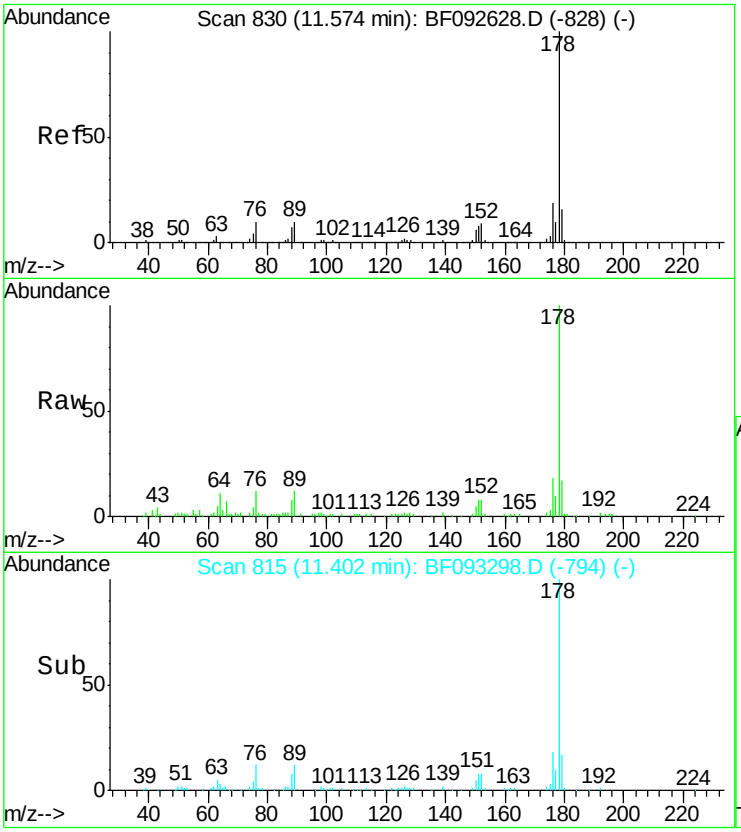


#70
Phenanthrene
Concen: 13.61 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:178 Resp: 377044

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.6	25.0
179	15.4	12.8	19.2



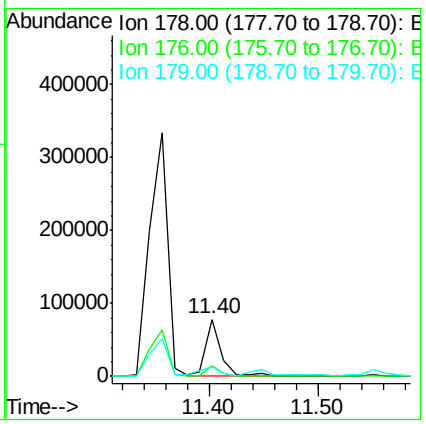


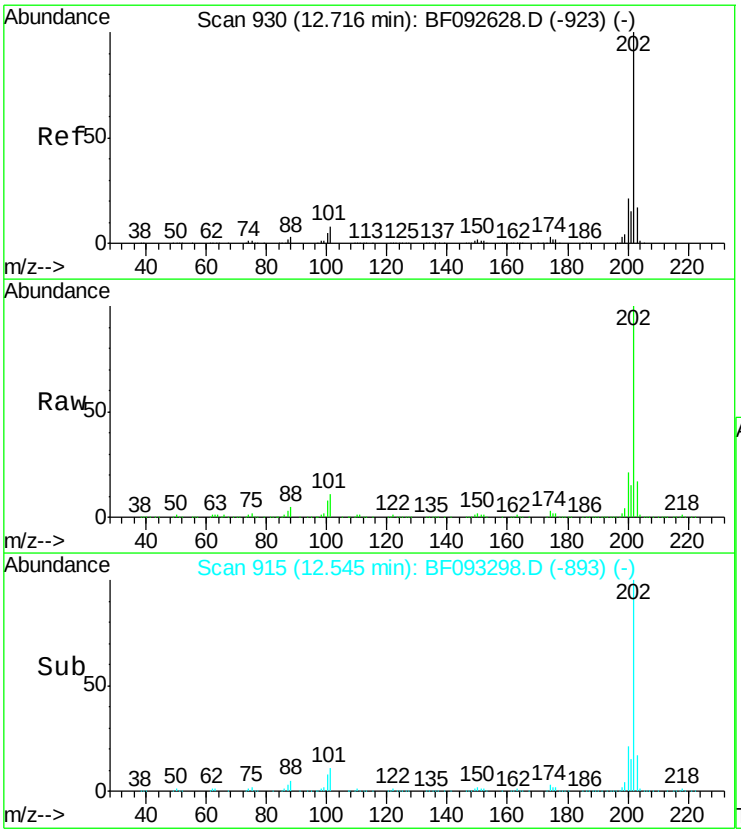
#71
Anthracene
Concen: 2.82 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:178 Resp: 78404

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	16.7	13.2	19.8

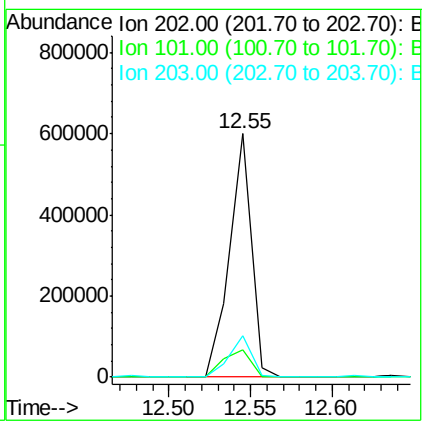


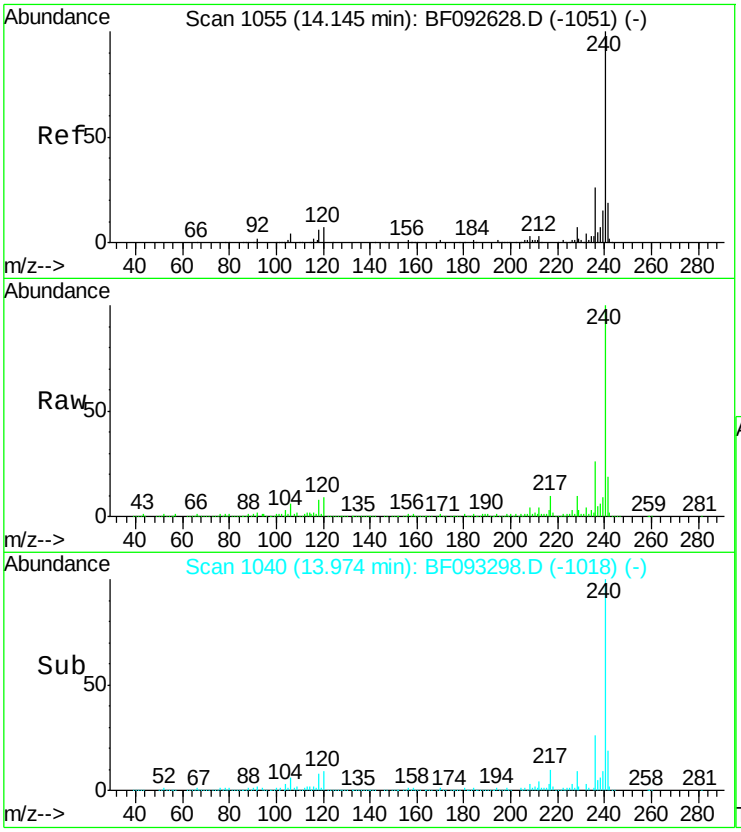


#74
Fluoranthene
Concen: 19.39 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:202 Resp: 553865

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	34.6
203	17.1	0.0	38.7



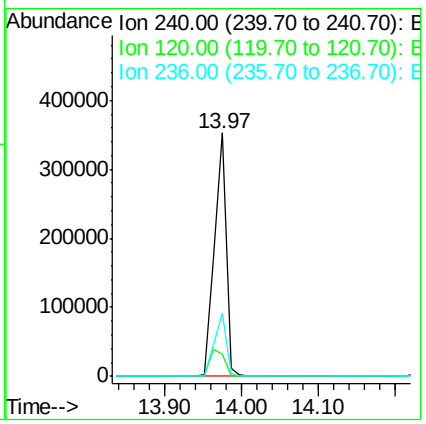


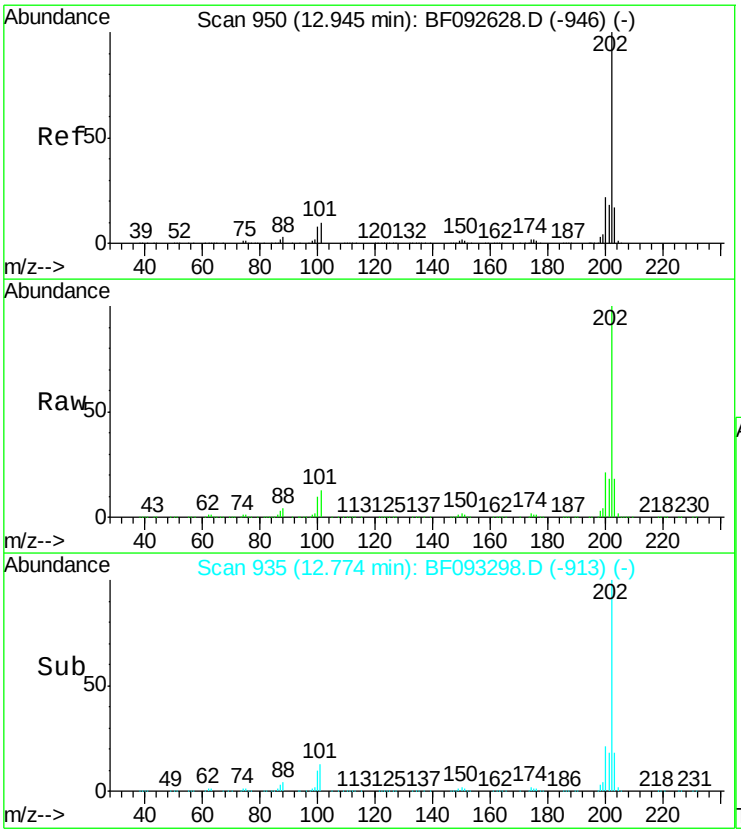
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:240 Resp: 373517

Ion	Ratio	Lower	Upper
240	100		
120	9.3	12.9	19.3#
236	26.2	20.9	31.3

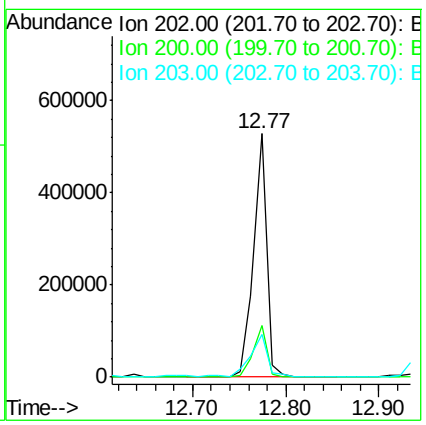


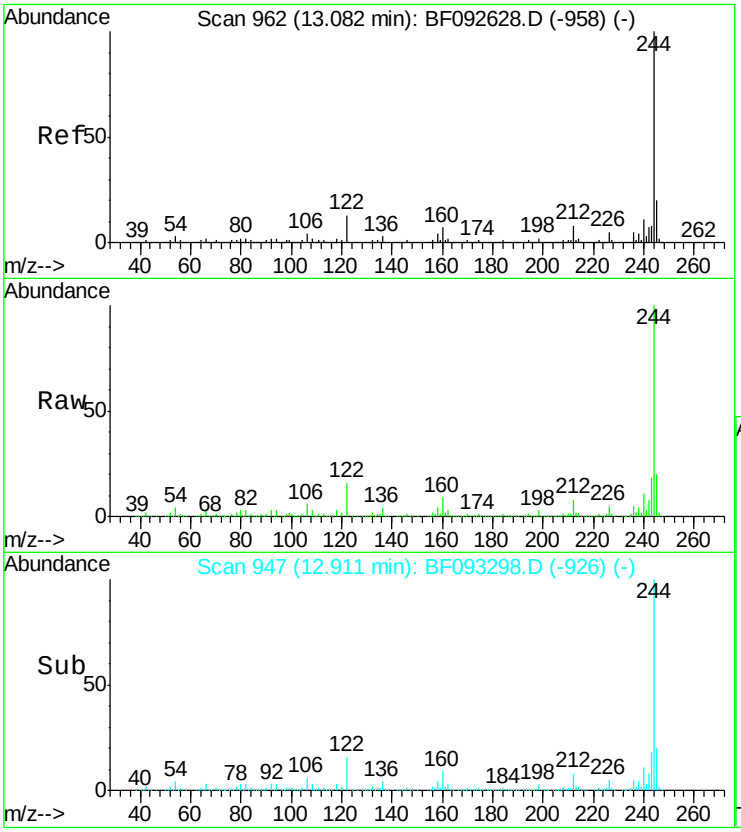


#77
Pyrene
Concen: 18.49 ng
RT: 12.77 min Scan# 935
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:202 Resp: 516833

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.5	14.7	22.1



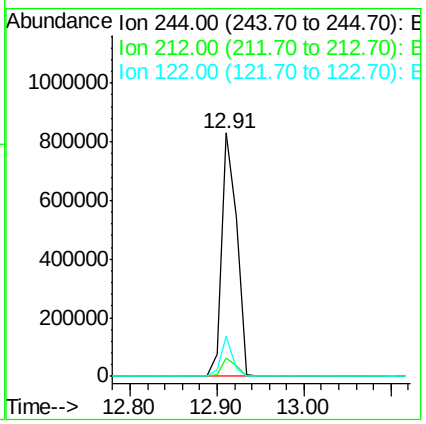


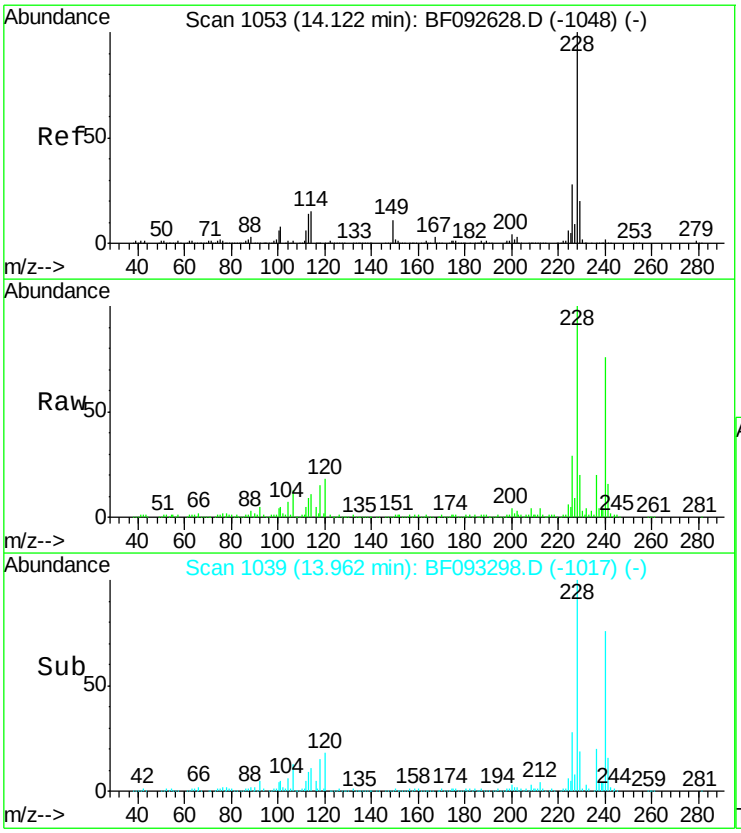
#78
Terphenyl-d14
Concen: 63.16 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:244 Resp: 1004009

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	16.4	11.4	17.2

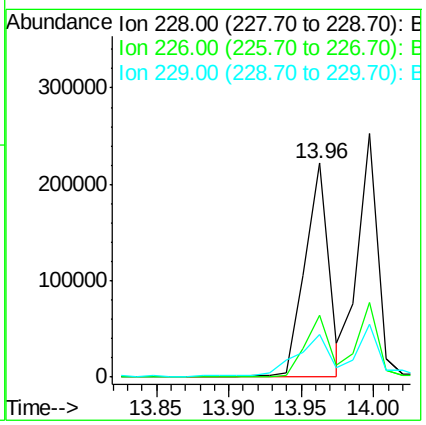


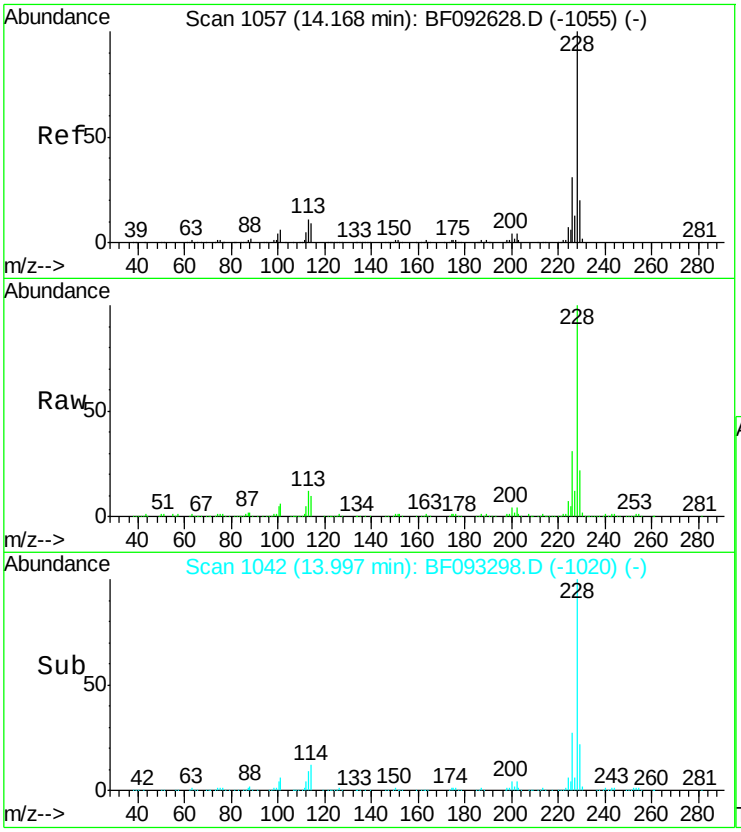


#80
Benzo(a)anthracene
Concen: 11.07 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:228 Resp: 252856

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.4	33.6
229	19.9	16.2	24.4



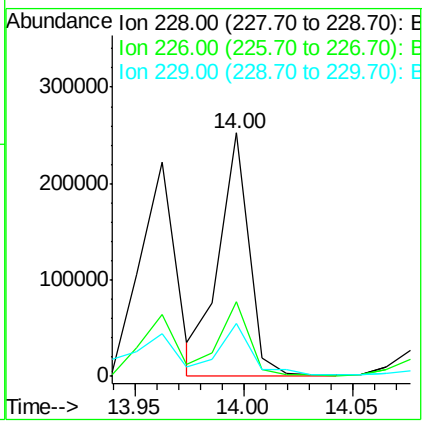


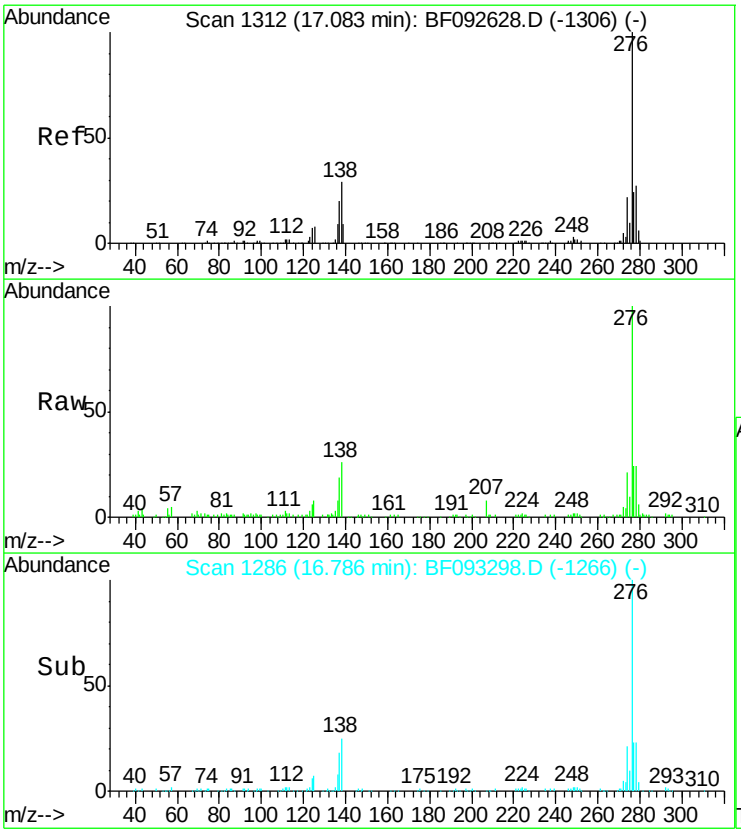
#82
Chrysene
Concen: 11.20 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:228 Resp: 239553

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	21.7	16.2	24.2

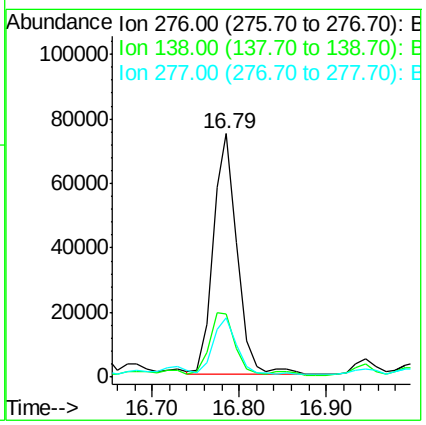


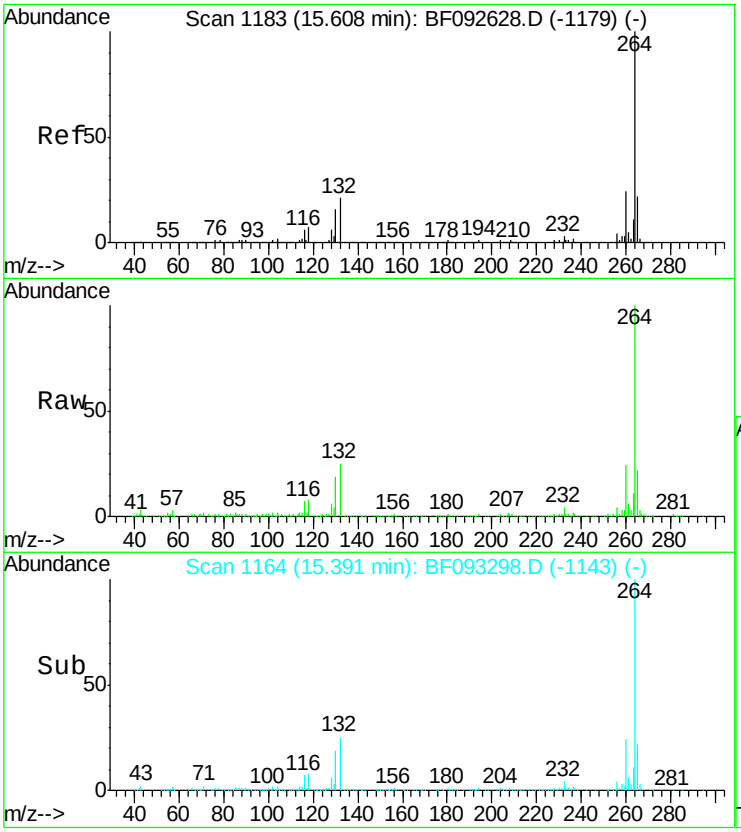


#85
Indeno(1,2,3-cd)pyrene
Concen: 8.70 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.07 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:276 Resp: 144203

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.8	32.6
277	22.9	20.2	30.4



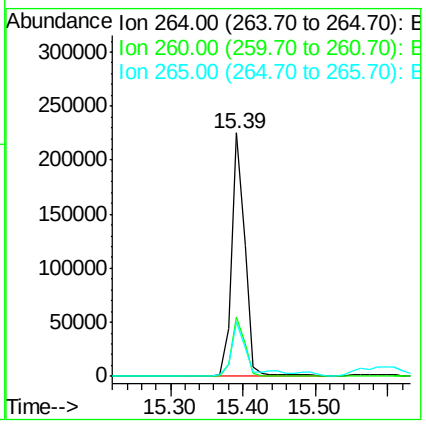


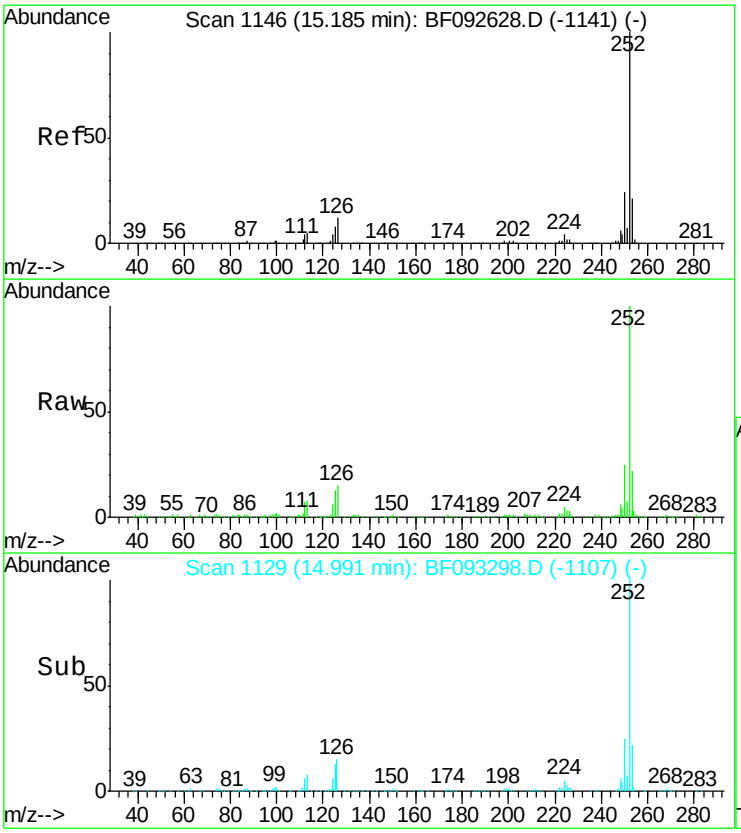
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:264 Resp: 284278

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.4	17.4	26.0

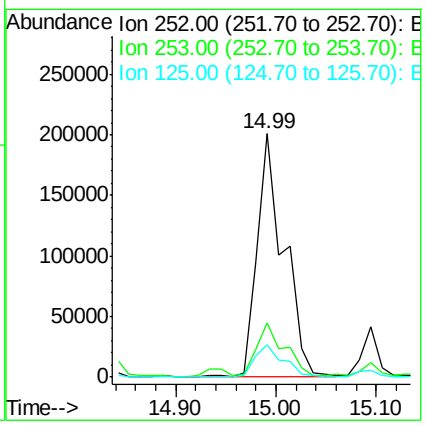


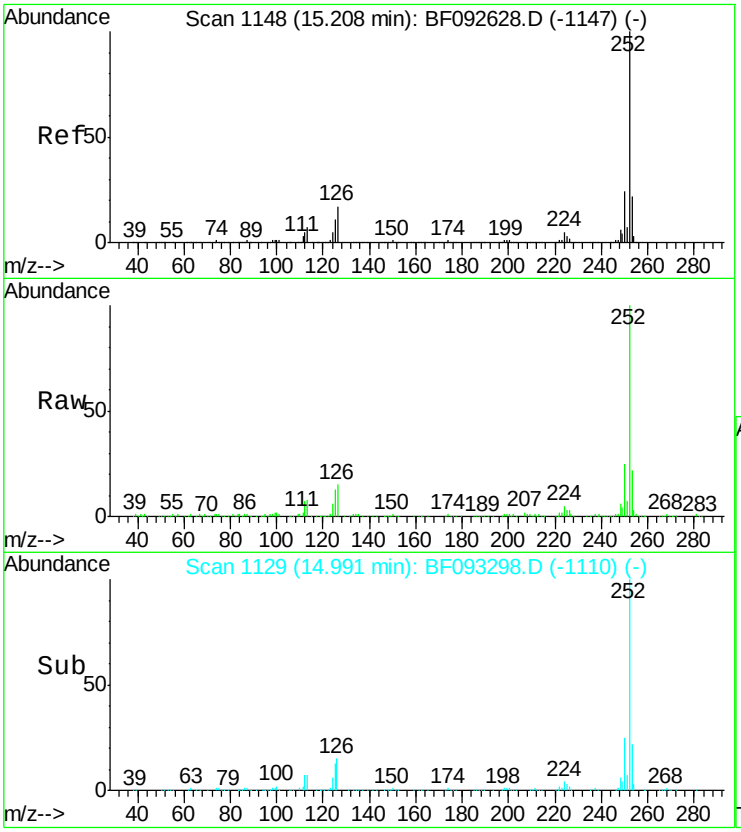


#87
Benzo(b)fluoranthene
Concen: 19.58 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.05 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:252 Resp: 366365

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	13.3	9.8	14.6



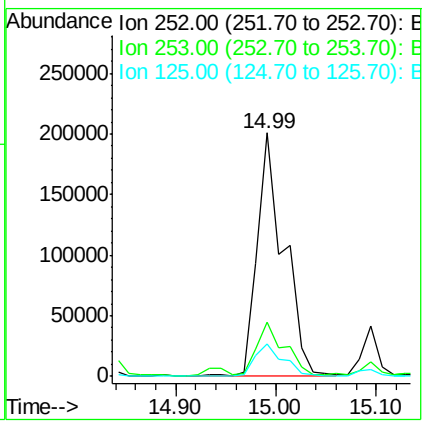


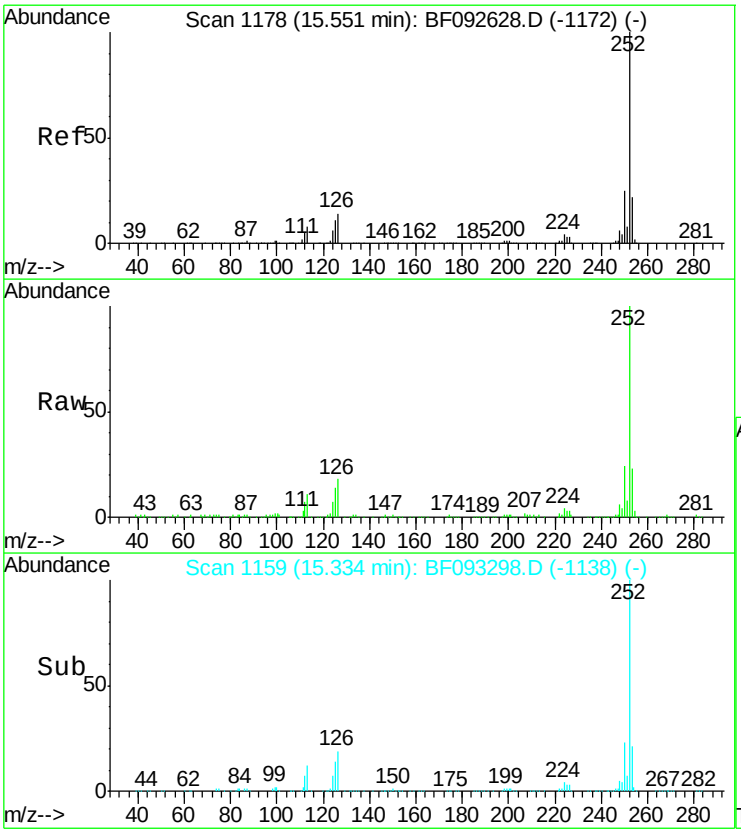
#88
Benzo(k)fluoranthene
Concen: 22.68 ng
RT: 14.99 min Scan# 1129
Delta R.T. -0.08 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:252 Resp: 366365

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	13.3	8.9	13.3

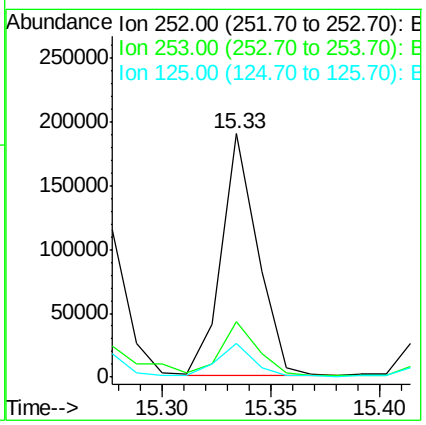


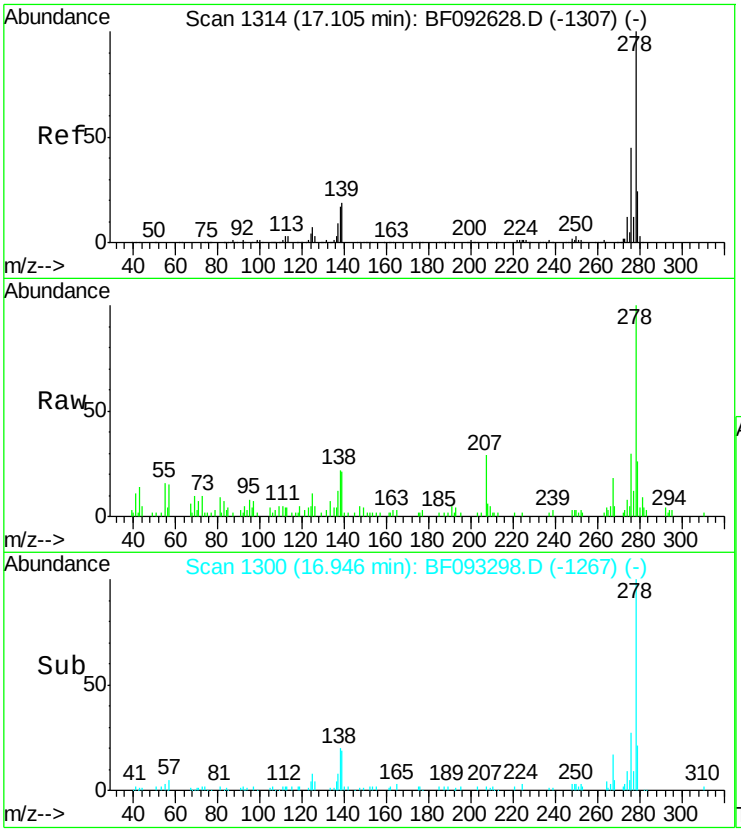


#89
Benzo(a)pyrene
Concen: 13.63 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.06 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:252 Resp: 220668

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	13.8	10.0	15.0



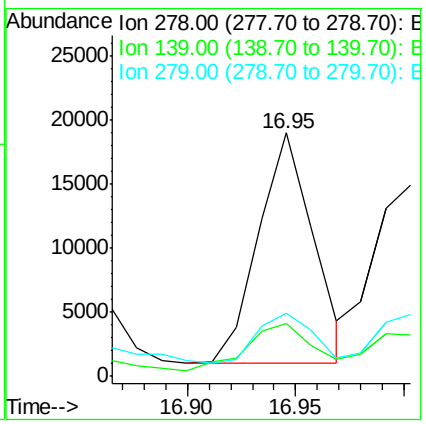


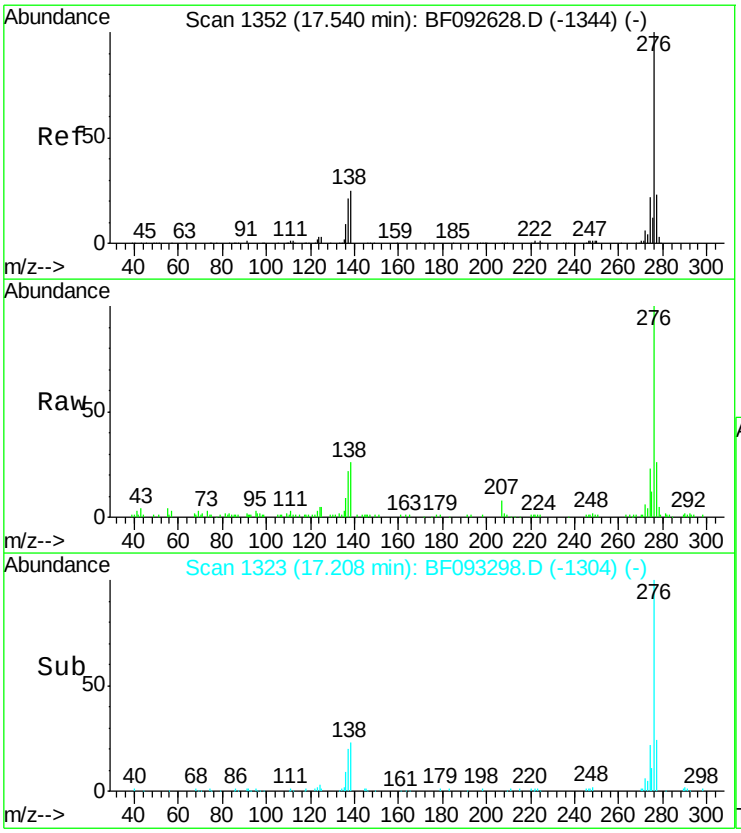
#90
Dibenzo(a,h)anthracene
Concen: 2.43 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.08 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Instrument :
BNA_F
ClientSampleId :
HY-SB421B

Tgt Ion:278 Resp: 31849

Ion	Ratio	Lower	Upper
278	100		
139	21.5	14.8	22.2
279	25.9	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 10.35 ng
RT: 17.21 min Scan# 1323
Delta R.T. -0.08 min
Lab File: BF093298.D
Acq: 1 Mar 2017 19:19

Tgt Ion:276 Resp: 136797

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.2	28.8
138	25.9	16.0	24.0#