Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\

Quantitation Report (Not Reviewed)

Data File : BF093023.D
Acq On : 17 Feb 2017 21:04
Operator : SJ/MA
Sample : I1892-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP22-COMP16

Quant Time: Feb 17 22:17:55 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	6.85	152	164321	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	654731	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	299505	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	536823	20.00	ng		0.00
75) Chrysene-d12	14.01	240	331493	20.00	ng		-0.01
86) Perylene-d12	15.44	264	313409	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1173918	122.57	ng		0.01
7) Phenol-d6	6.50	99	1351954	109.70	ng		0.01
23) Nitrobenzene-d5	7.42	82	809554	68.86	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	263768	121.77	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1368092	82.75	ng		0.00
78) Terphenyl-d14	12.97	244	1164448	82.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.51	94	144292	10.01	ng	#	69
19) n-Nitroso-di-n-propylamine	7.42	70	109023	13.90	ng	#	82
25) Isophorone	7.42	82	663847	30.30	ng	#	65
32) Benzoic acid	7.94	122	212	7.20	ng	#	1
49) Dimethylphthalate	9.61	163	141638	7.02	ng	#	98
56) 2,4-Dinitrotoluene	9.89	165	39478	6.81	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.68	198	448	2.80	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	18541	3.31	ng	#	1
70) Phenanthrene	11.40	178	151614	4.93	ng		95
74) Fluoranthene	12.59	202	164768	5.19	ng		92
77) Pyrene	12.82	202	157871	6.36	ng		97
80) Benzo(a)anthracene	14.00	228	100171	4.94	ng		99
82) Chrysene	14.03	228	71117	3.75	ng		96
85) Indeno(1,2,3-cd)pyrene	16.84	276	70604	4.80	ng		99
87) Benzo(b)fluoranthene	15.03	252	159275	7.72	ng	#	94
88) Benzo(k)fluoranthene	15.03	252	159275	8.94	ng	#	93
89) Benzo(a)pyrene	15.38	252	110290	6.18	ng		98
91) Benzo(g,h,i)perylene	17.27	276	72324	4.96	ng	#	90

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\

Quantitation Report (Not Reviewed)

Data File : BF093023.D
Acq On : 17 Feb 2017 21:04
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Sample : I1892-05
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Instrument :
BNA_F
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TP22-COMP16

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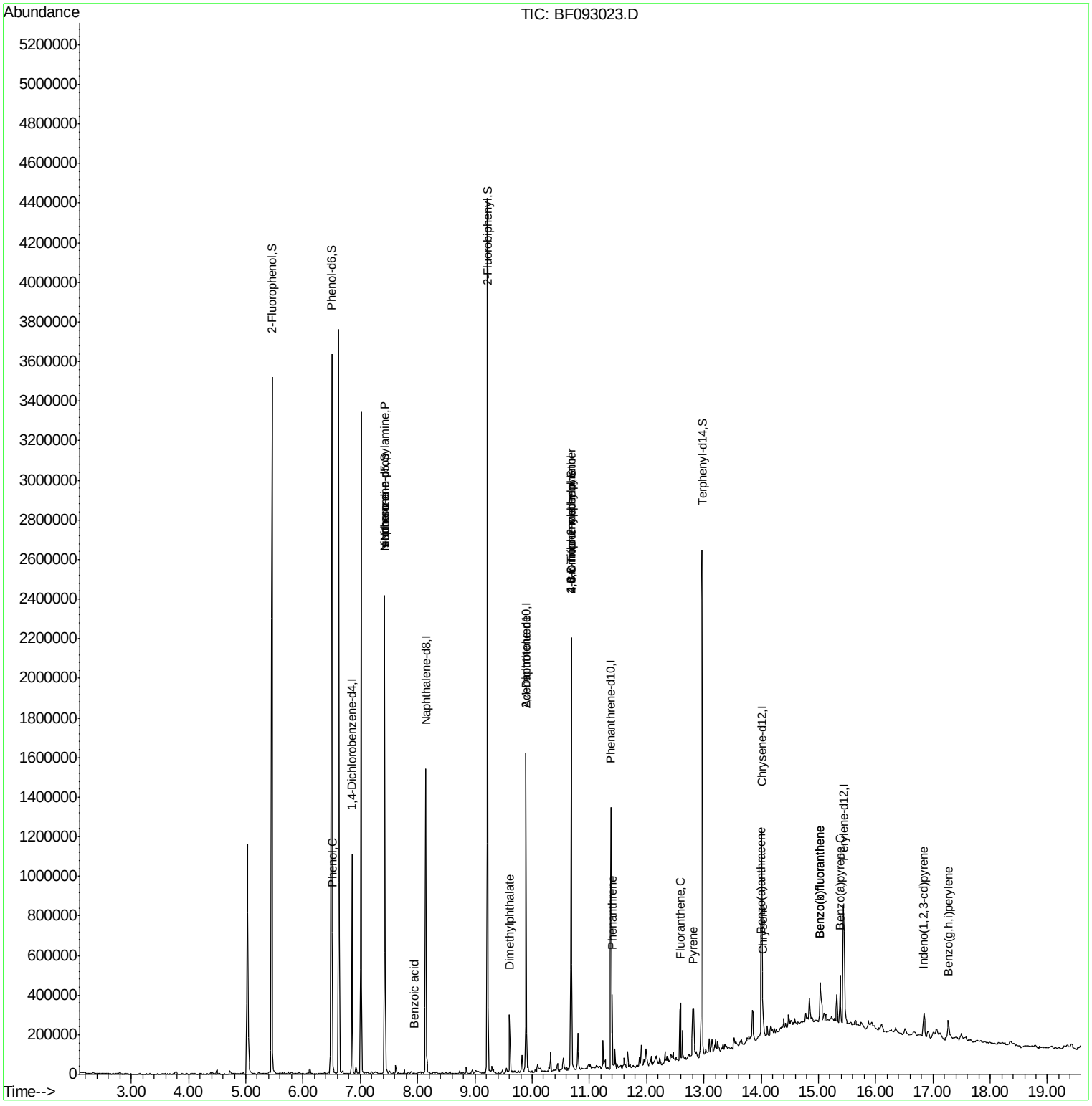
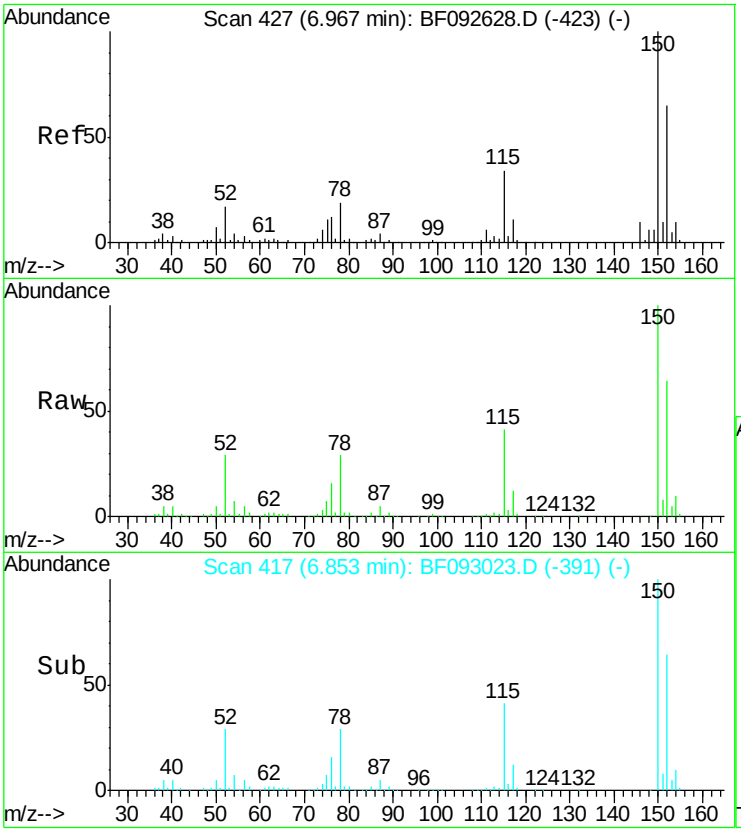


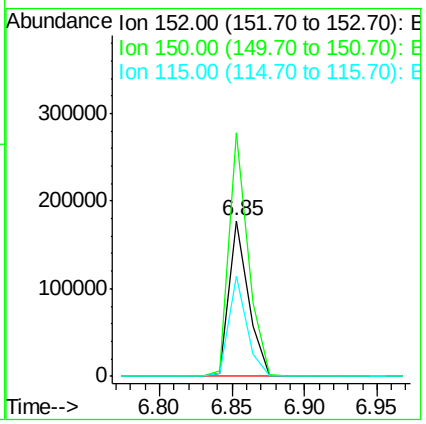


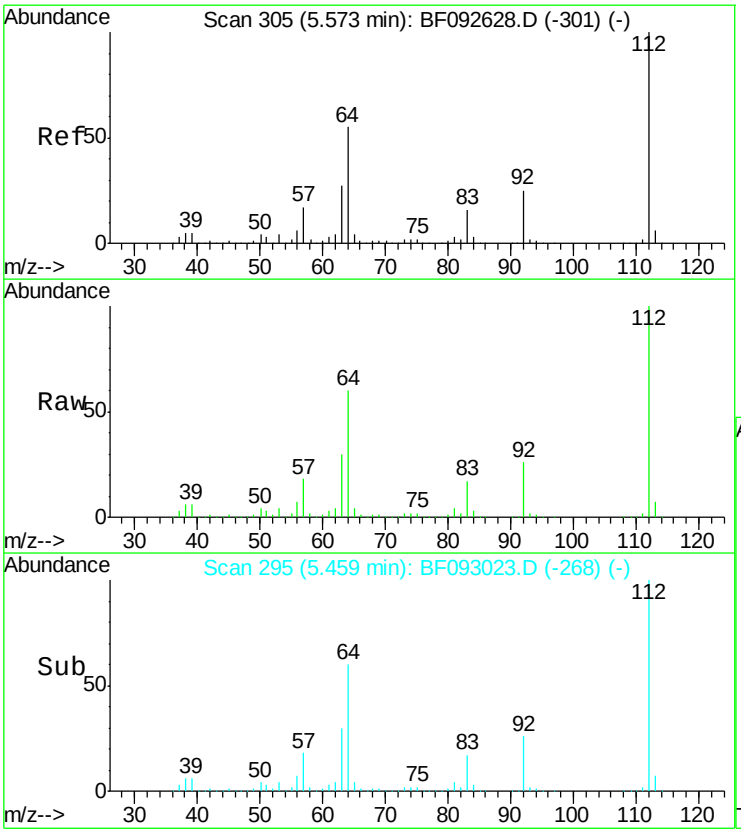
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:152 Resp: 164321

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	64.8	46.0	69.0

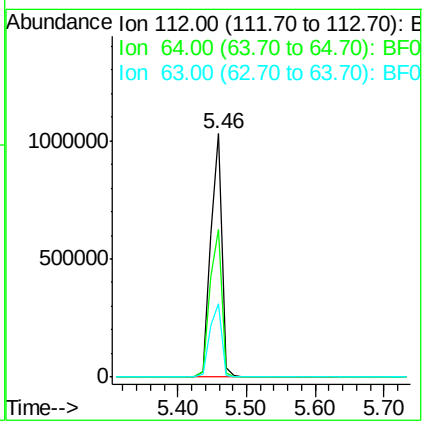


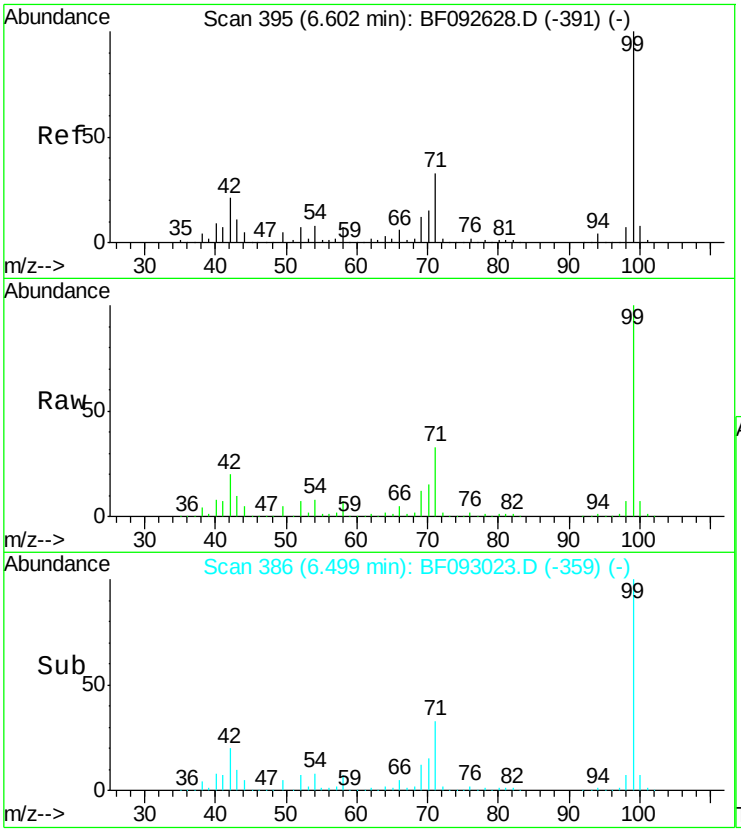


#5
2-Fluorophenol
Concen: 122.57 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:112 Resp: 1173918

Ion	Ratio	Lower	Upper
112	100		
64	60.5	46.1	69.1
63	30.2	23.8	35.6



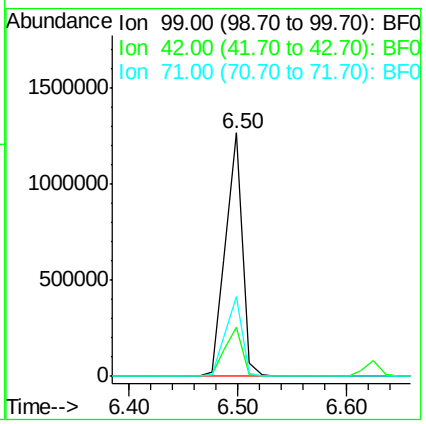


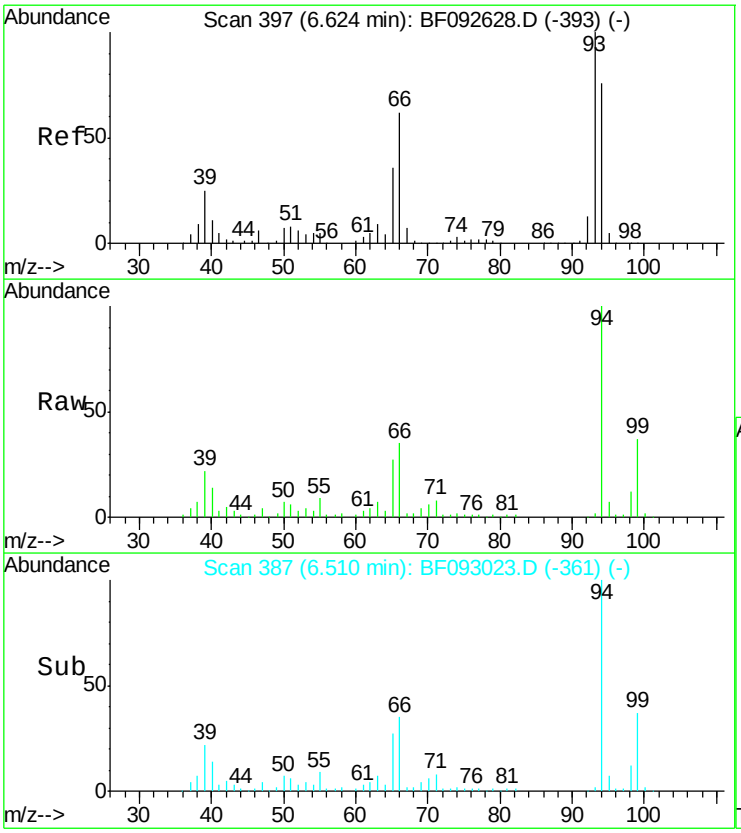
#7
Phenol-d6
Concen: 109.70 ng
RT: 6.50 min Scan# 386
Delta R.T. 0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion: 99 Resp: 1351954

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	32.6	27.5	41.3

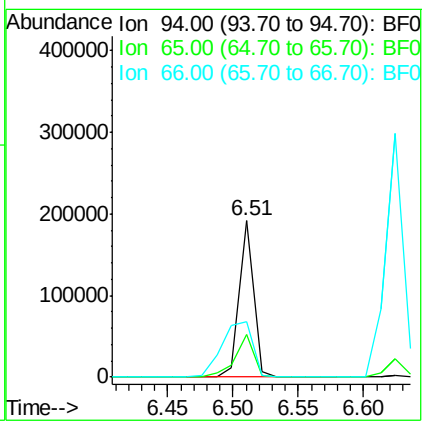


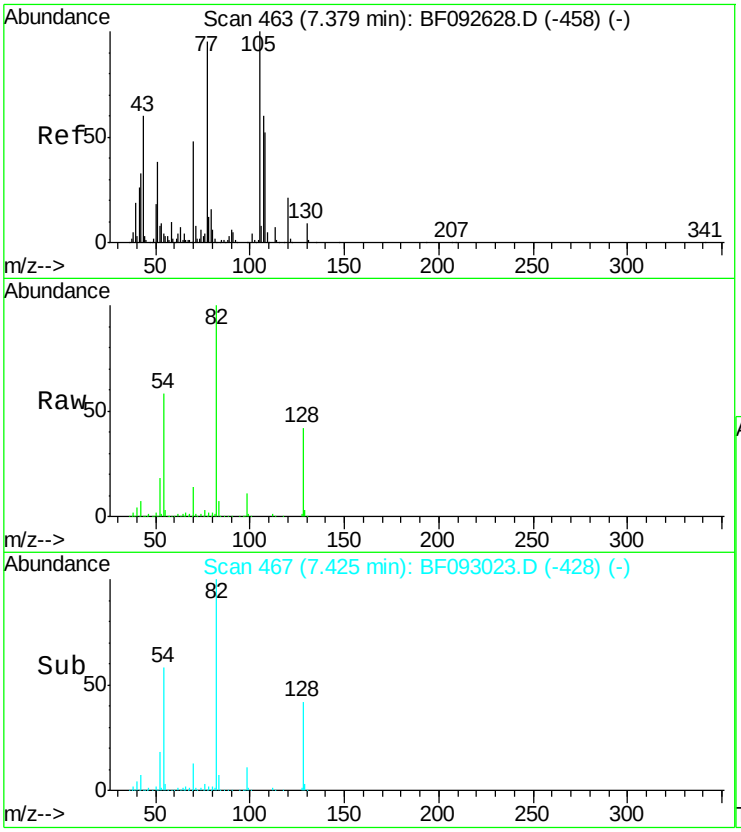


#10
Phenol
Concen: 10.01 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion: 94 Resp: 144292

Ion	Ratio	Lower	Upper
94	100		
65	27.0	21.4	61.4
66	35.3	44.0	84.0#



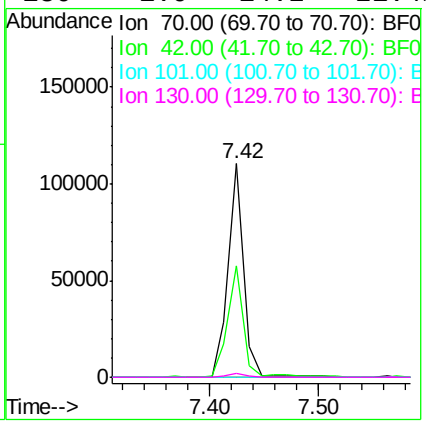


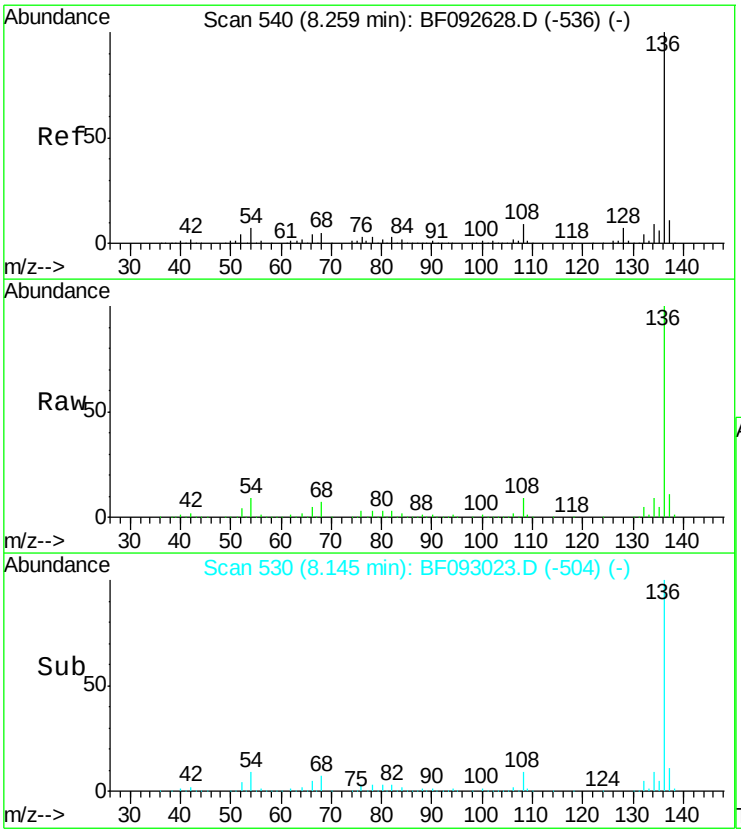
#19
n-Nitroso-di-n-propylamine
Concen: 13.90 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.15 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion: 70 Resp: 109023

Ion	Ratio	Lower	Upper
70	100		
42	52.3	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

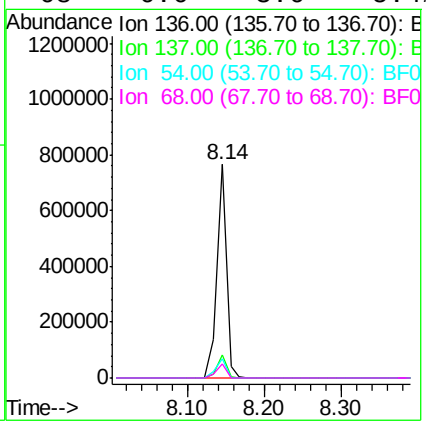


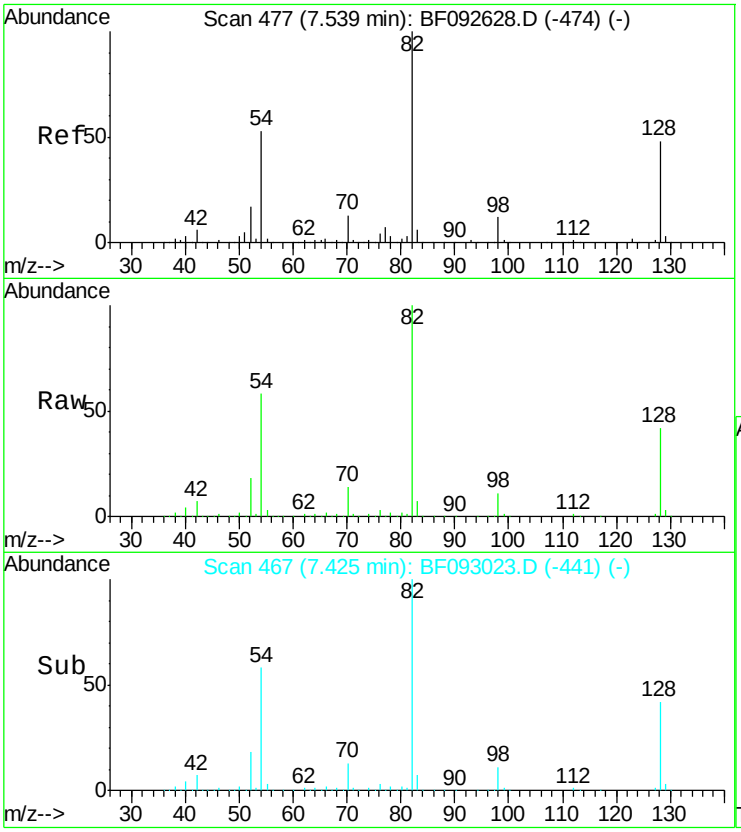


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:136 Resp: 654731

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.6	3.6	5.4#



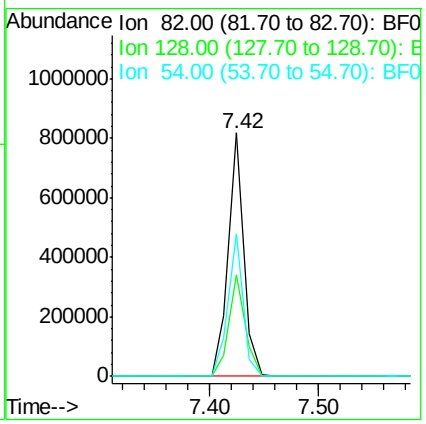


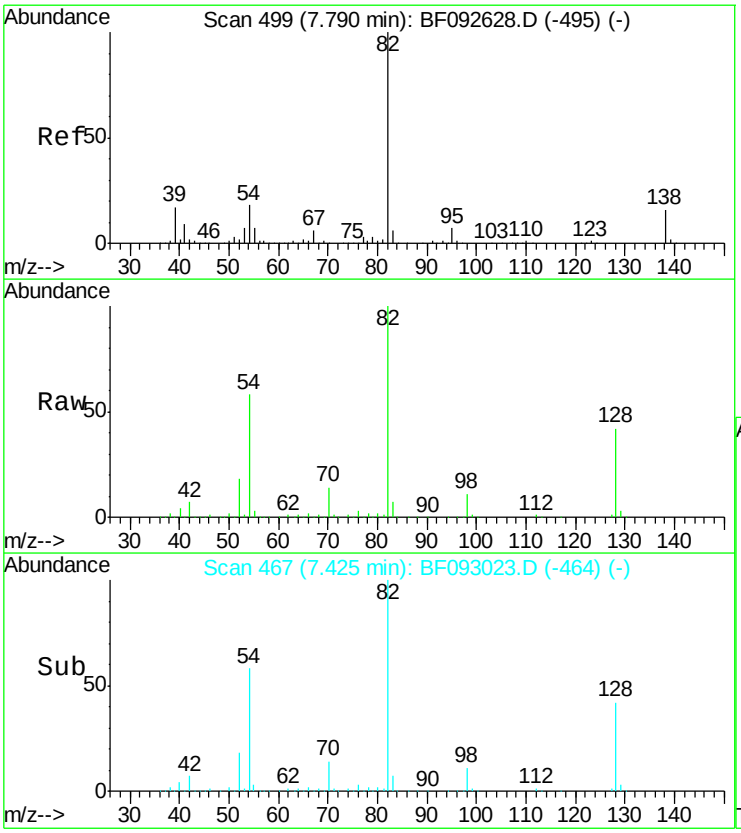
#23
Nitrobenzene-d5
Concen: 68.86 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion: 82 Resp: 809554

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.3	39.5	59.3

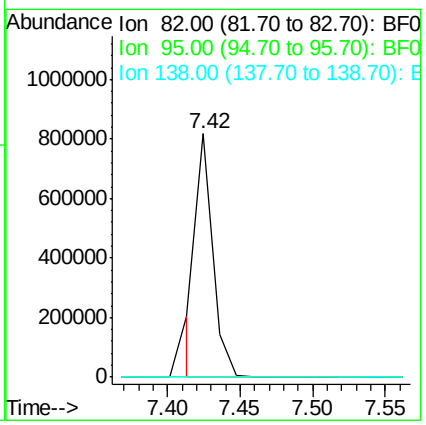


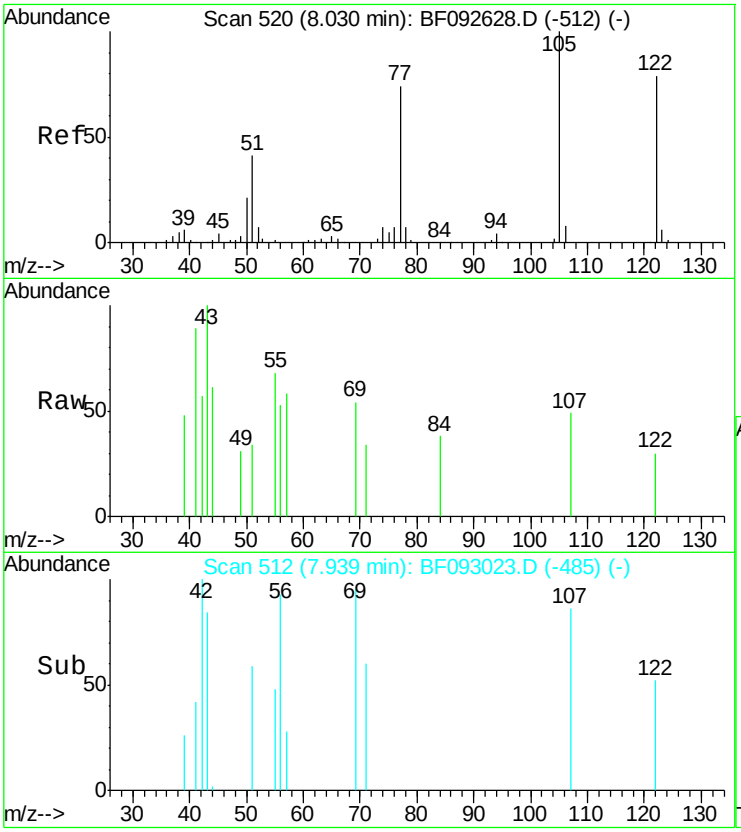


#25
Isophorone
Concen: 30.30 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.26 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion: 82 Resp: 663847

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



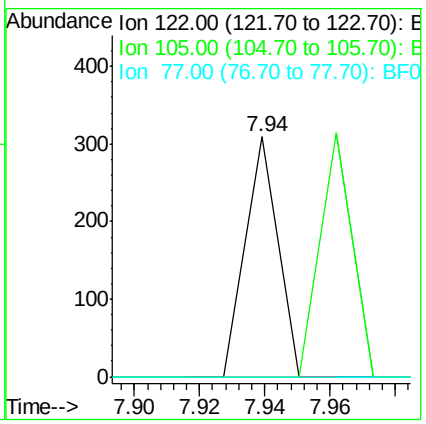


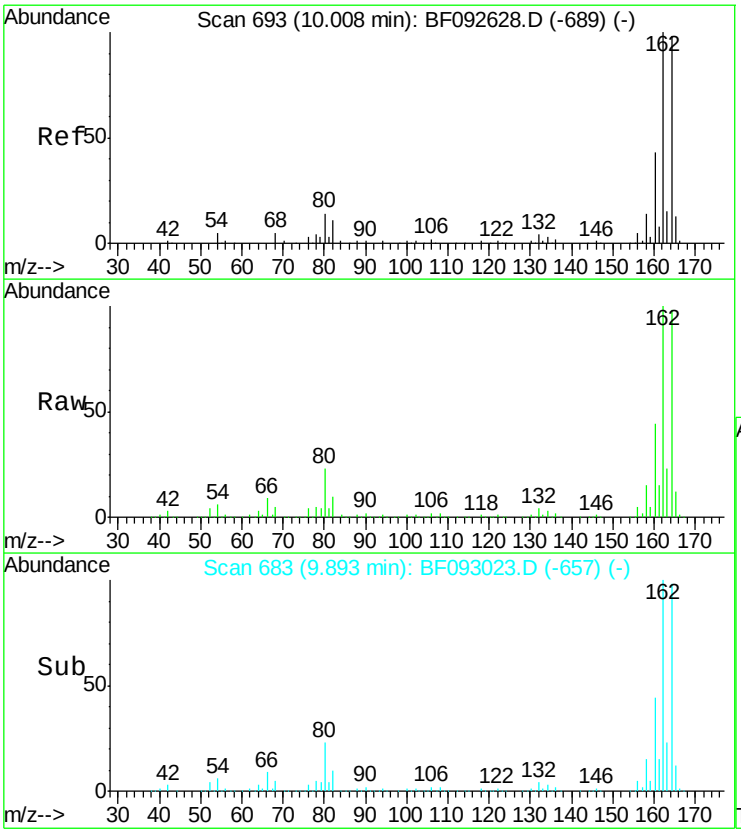
#32
Benzoic acid
Concen: 7.20 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:122 Resp: 212

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

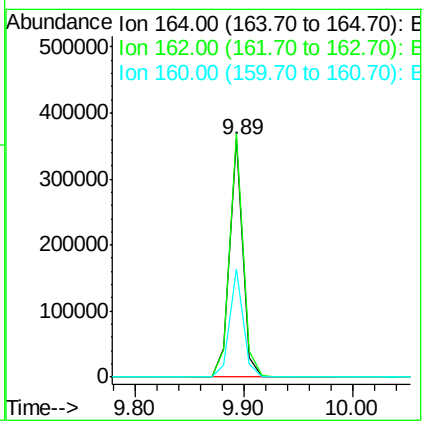


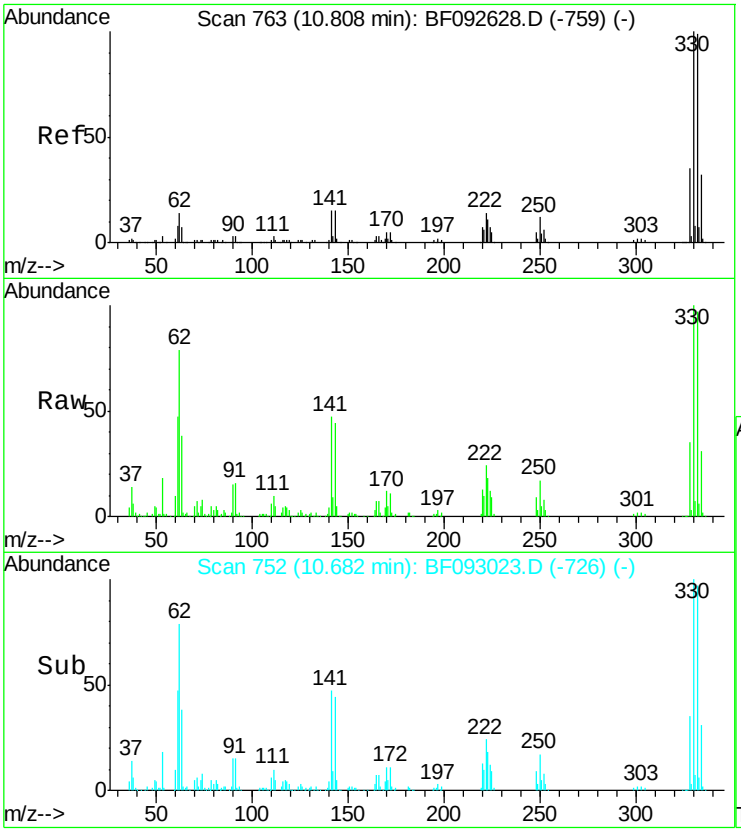


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:164 Resp: 299505

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	45.2	36.9	55.3



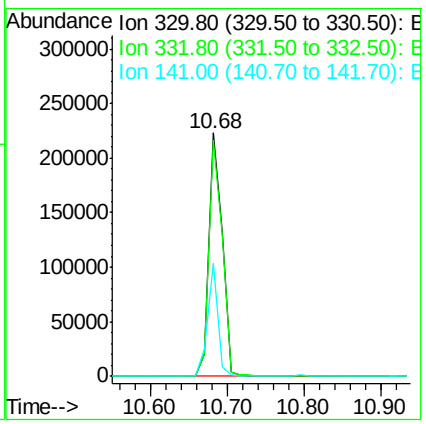


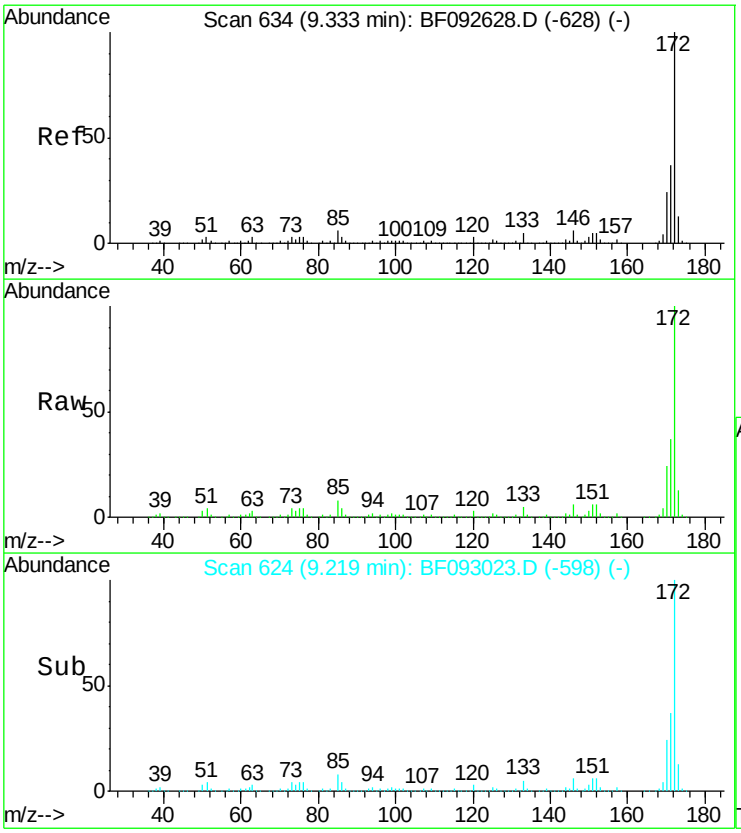
#41
2,4,6-Tribromophenol
Concen: 121.77 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:330 Resp: 263768

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	37.1	34.1	51.1

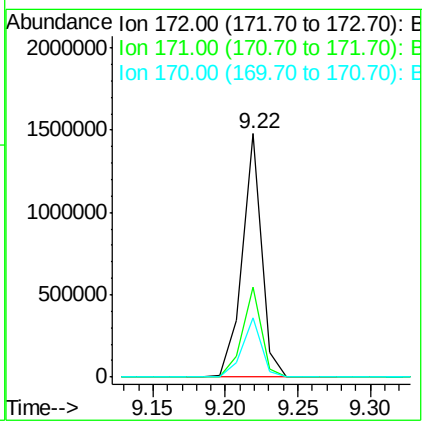


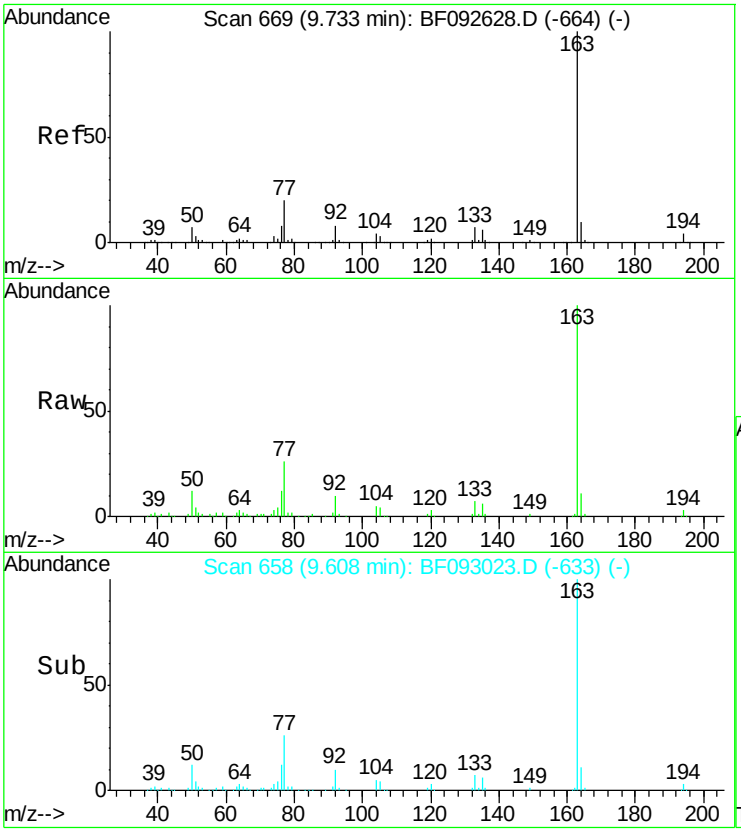


#44
2-Fluorobiphenyl
Concen: 82.75 ng
RT: 9.22 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:172 Resp: 1368092

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.3	20.2	30.4



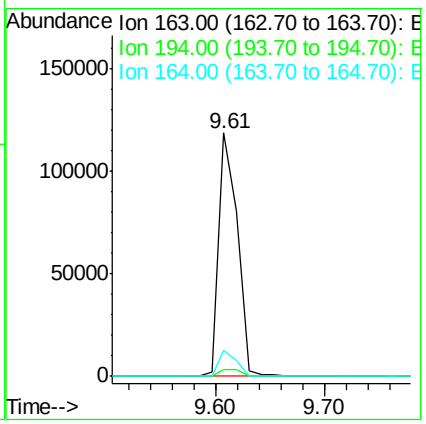


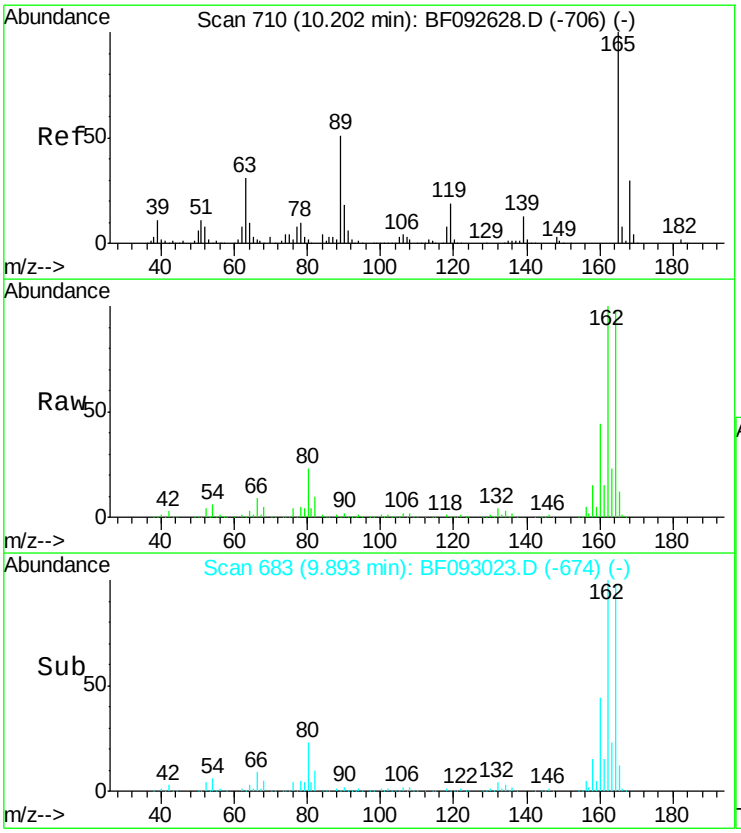
#49
Dimethylphthalate
Concen: 7.02 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:163 Resp: 141638

Ion	Ratio	Lower	Upper
163	100		
194	2.6	3.0	4.4#
164	10.5	8.0	12.0

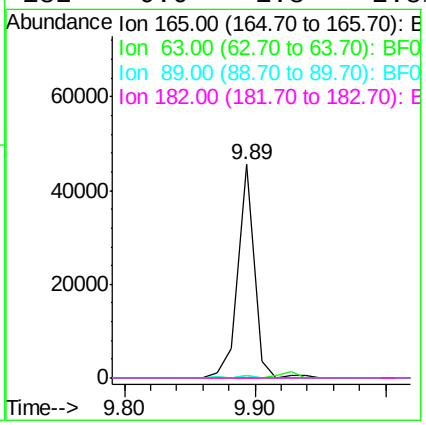


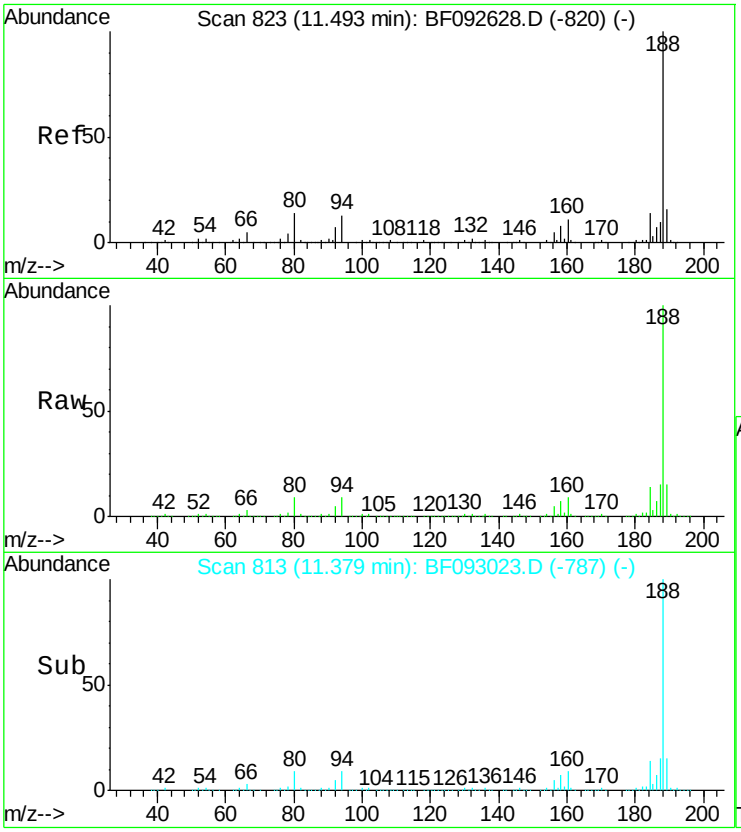


#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.19 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:165 Resp: 39478

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#



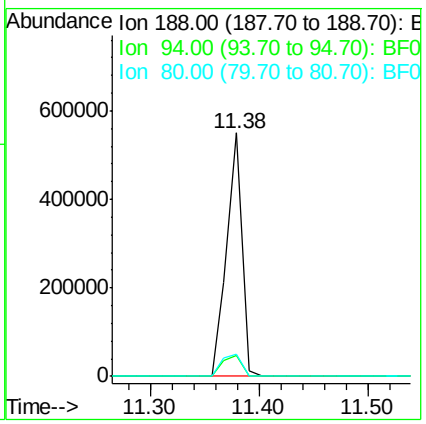


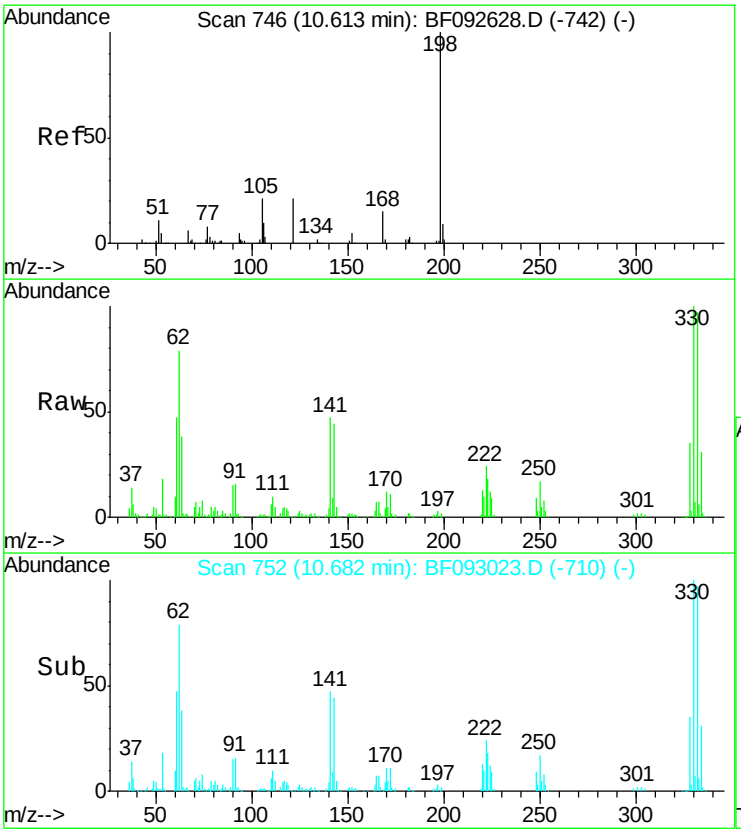
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:188 Resp: 536823

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	8.9	11.2	16.8#

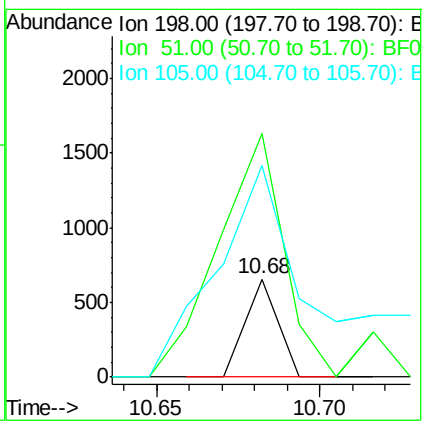


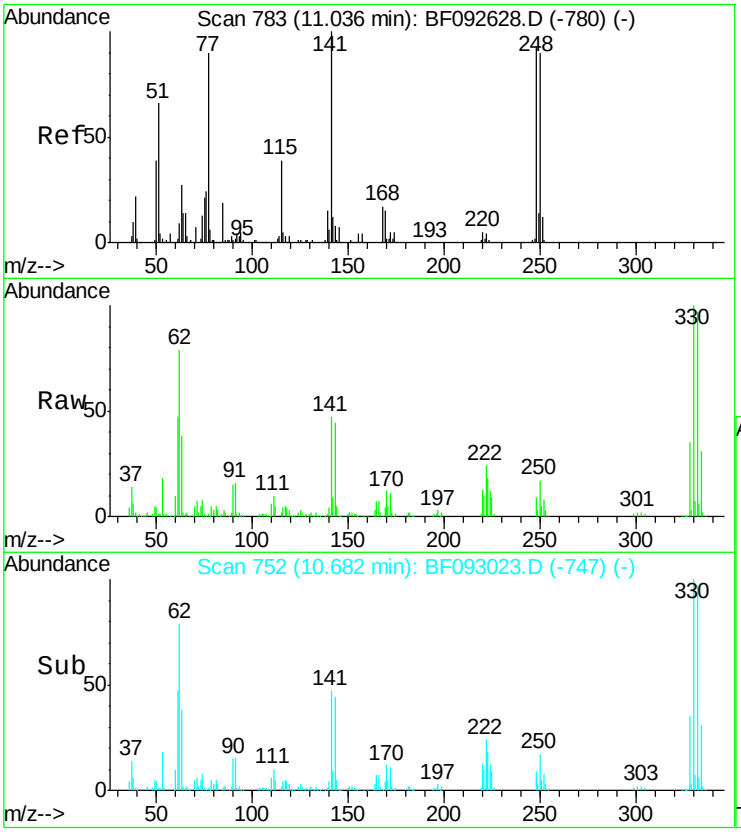


#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:198 Resp: 448

Ion	Ratio	Lower	Upper
198	100		
51	249.2	6.7	46.7#
105	216.5	16.6	56.6#



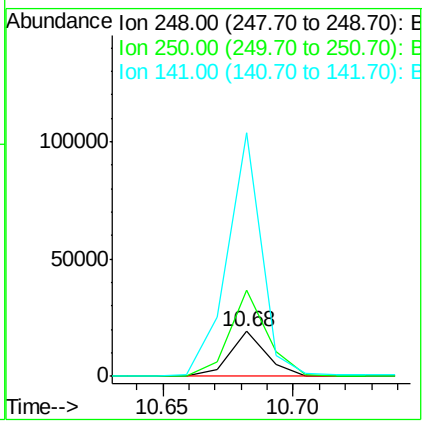


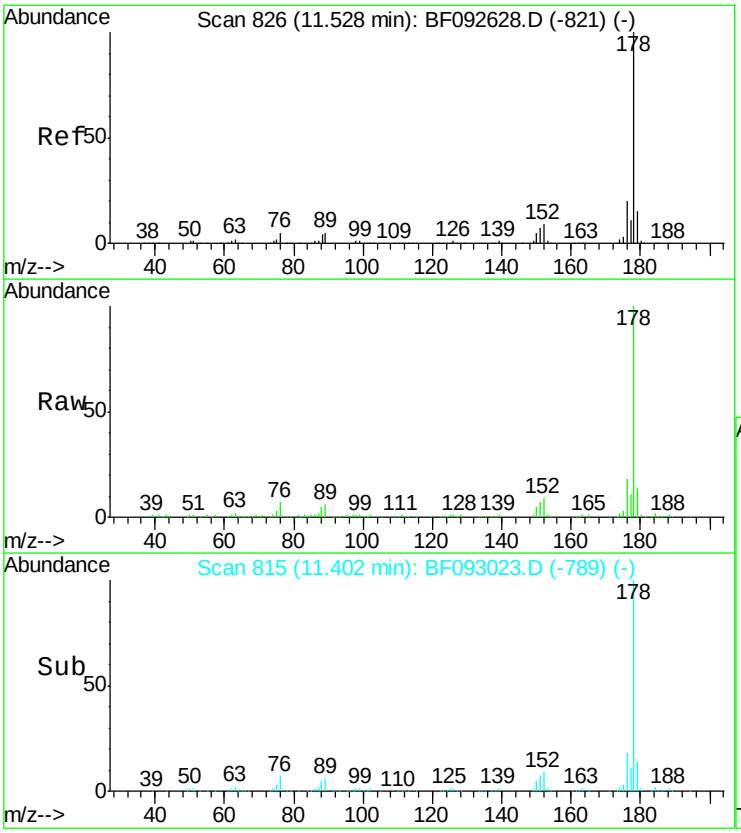
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:248 Resp: 18541

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	544.8	68.2	102.4#

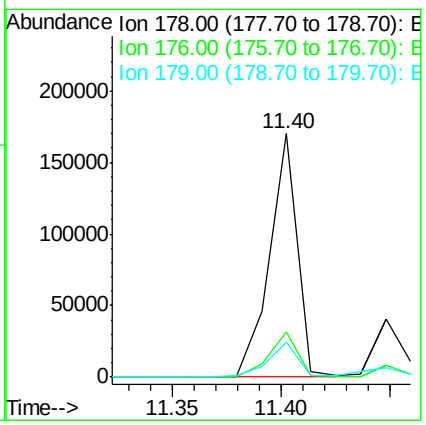


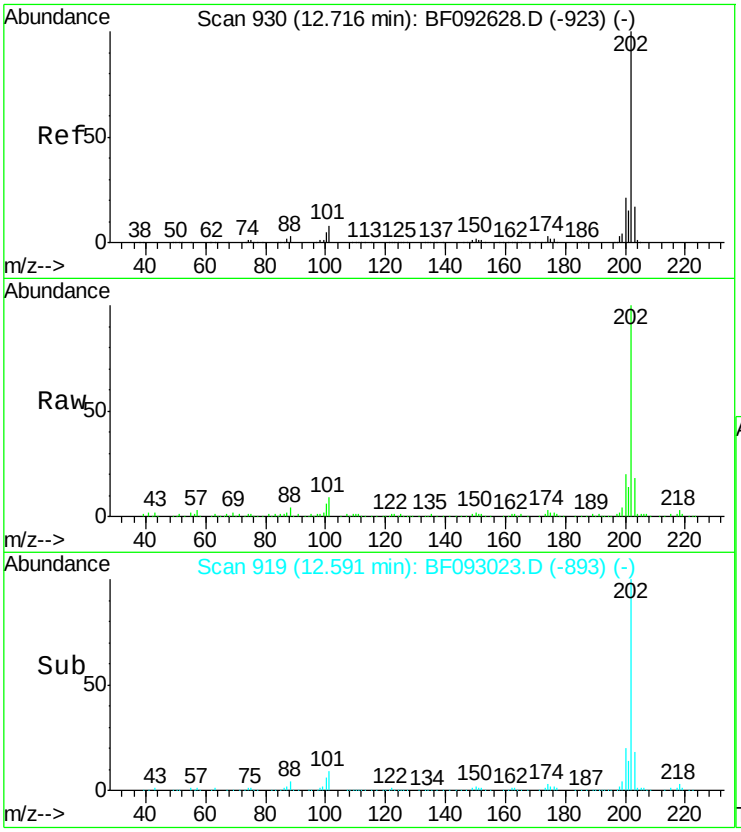


#70
Phenanthrene
Concen: 4.93 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:178 Resp: 151614

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.6	25.0
179	14.5	12.8	19.2



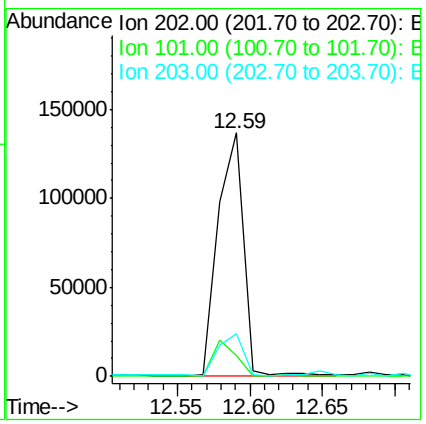


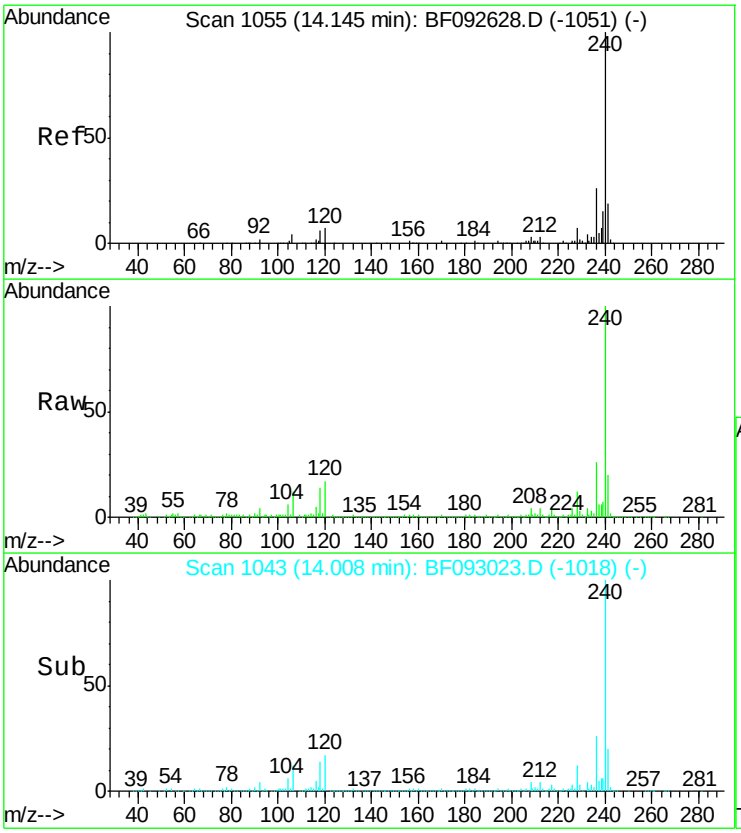
#74
Fluoranthene
Concen: 5.19 ng
RT: 12.59 min Scan# 919
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:202 Resp: 164768

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	34.6
203	17.7	0.0	38.7

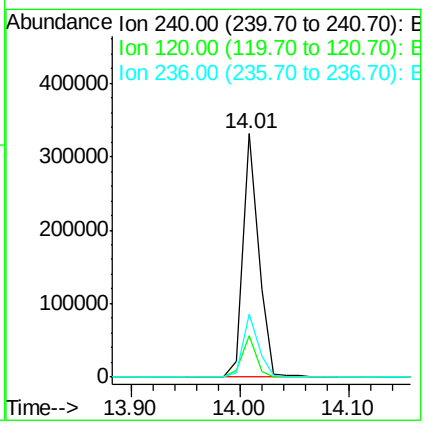


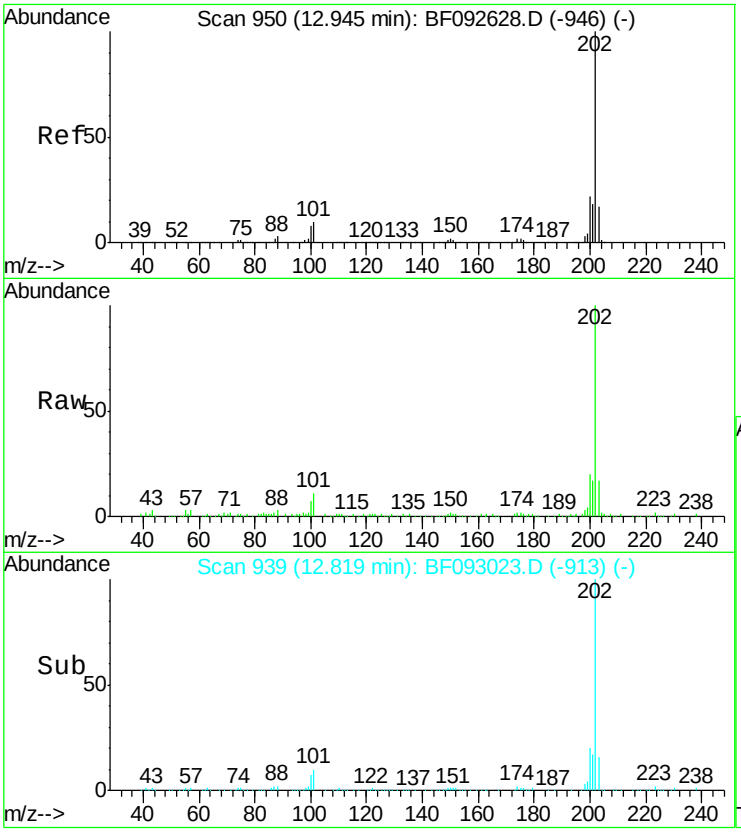


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:240 Resp: 331493

Ion	Ratio	Lower	Upper
240	100		
120	16.8	12.9	19.3
236	26.2	20.9	31.3



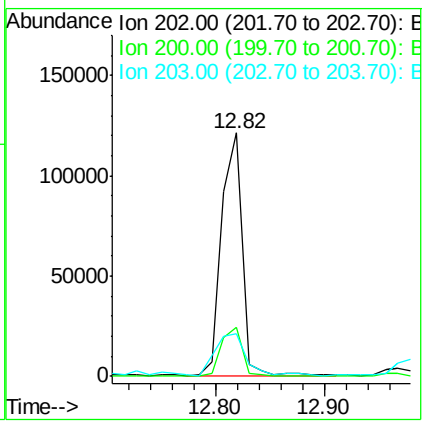


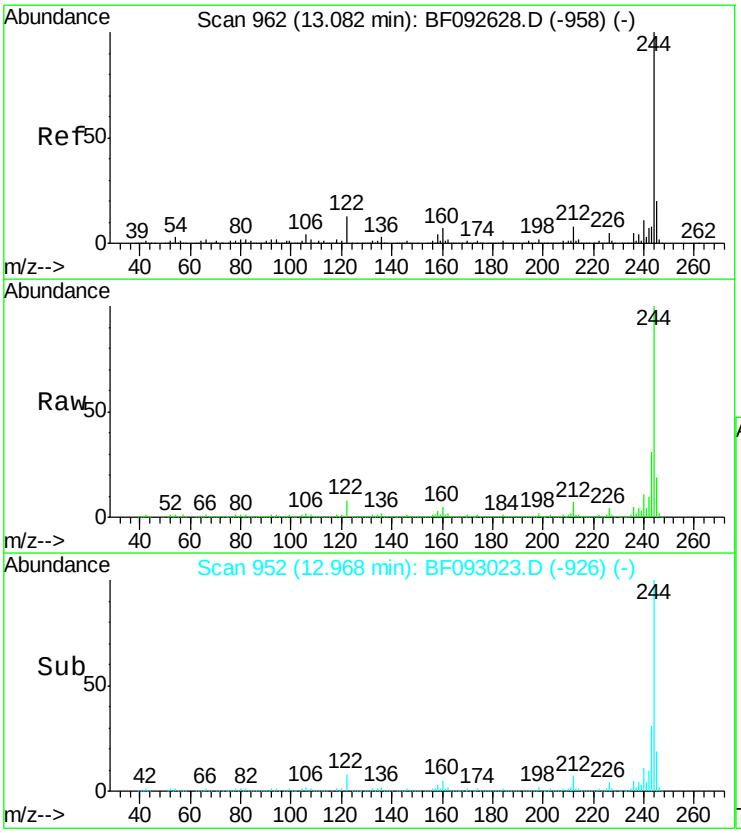
#77
Pyrene
Concen: 6.36 ng
RT: 12.82 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:202 Resp: 157871

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	17.3	14.7	22.1

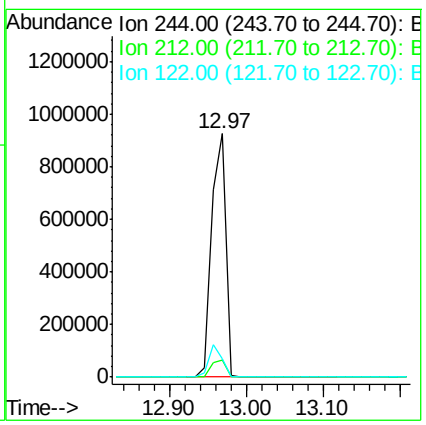


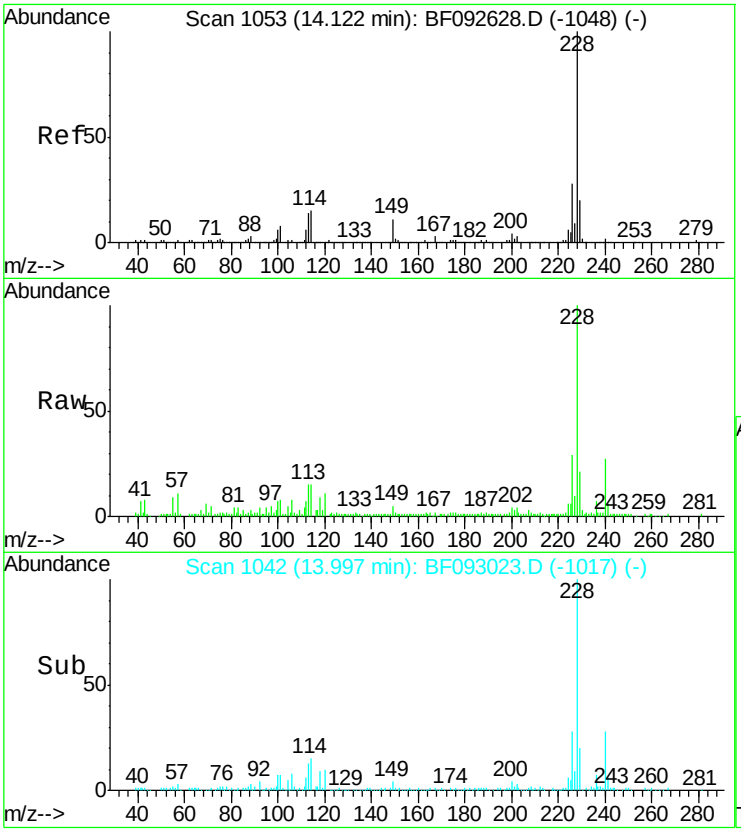


#78
Terphenyl-d14
Concen: 82.54 ng
RT: 12.97 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:244 Resp: 1164448

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.2
122	7.7	11.4	17.2#



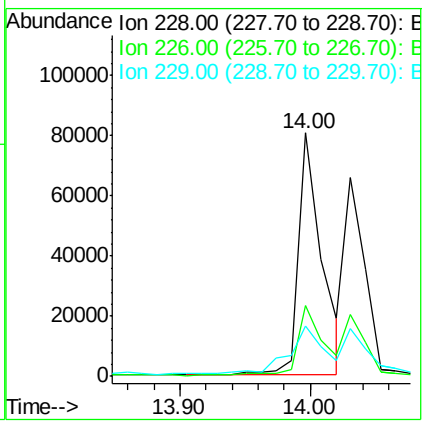


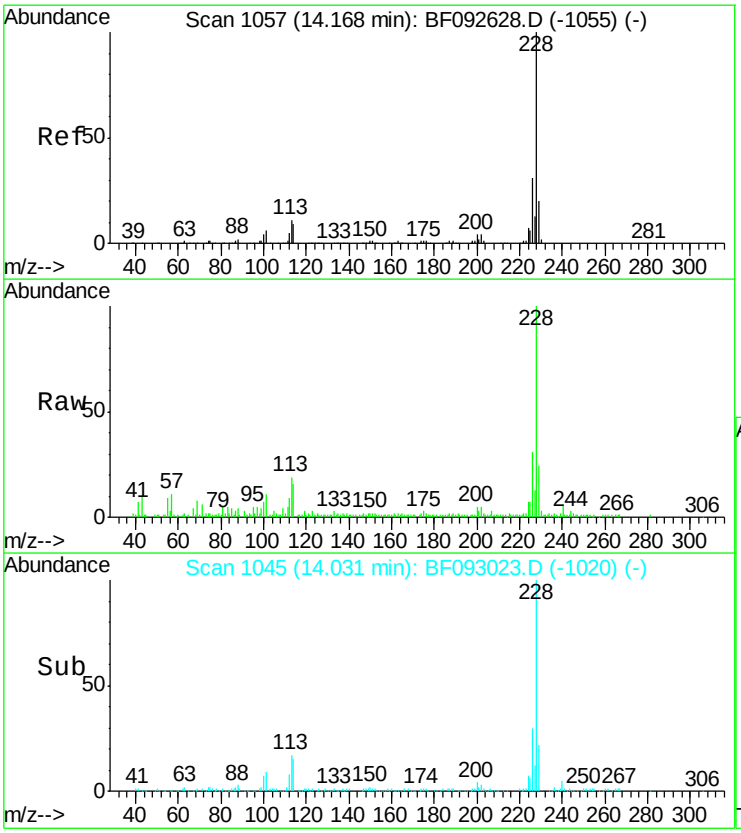
#80
Benzo(a)anthracene
Concen: 4.94 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:228 Resp: 100171

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.8	16.2	24.4

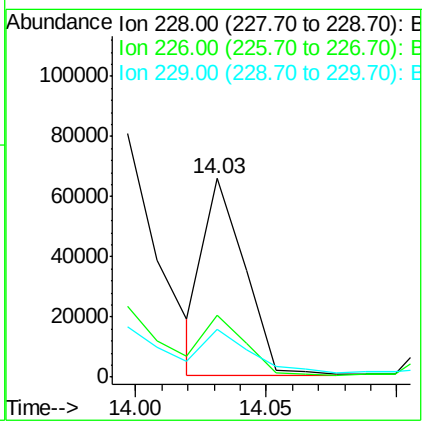


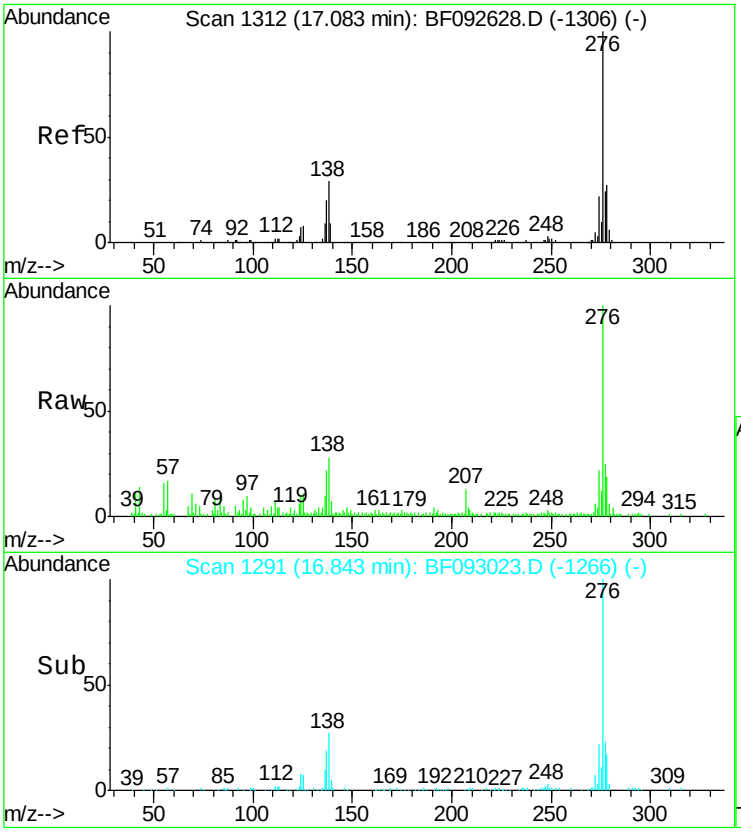


#82
Chrysene
Concen: 3.75 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:228 Resp: 71117

Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.4	38.0
229	24.2	16.2	24.2



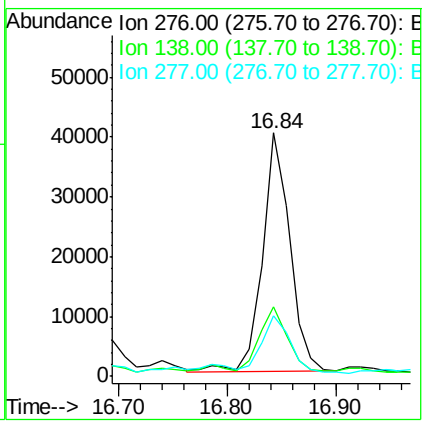


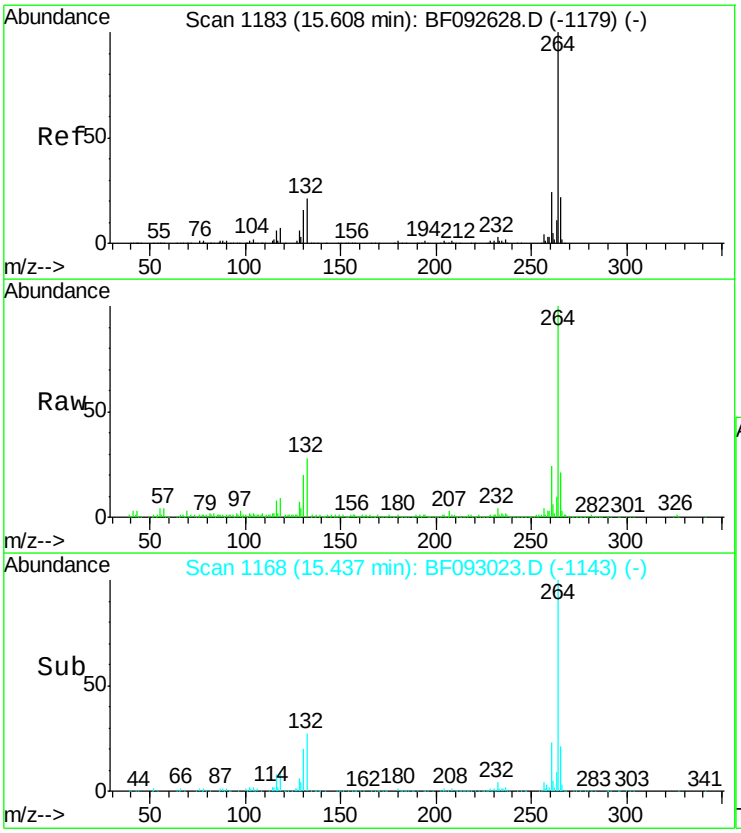
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.80 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:276 Resp: 70604

Ion	Ratio	Lower	Upper
276	100		
138	28.3	21.8	32.6
277	24.9	20.2	30.4

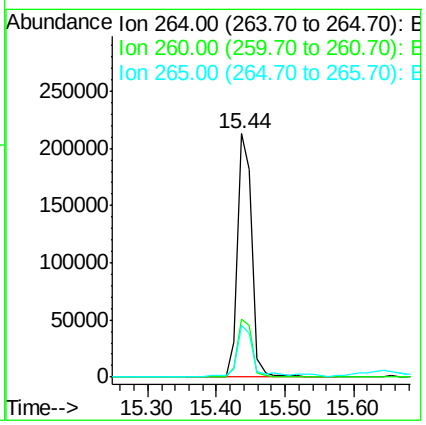


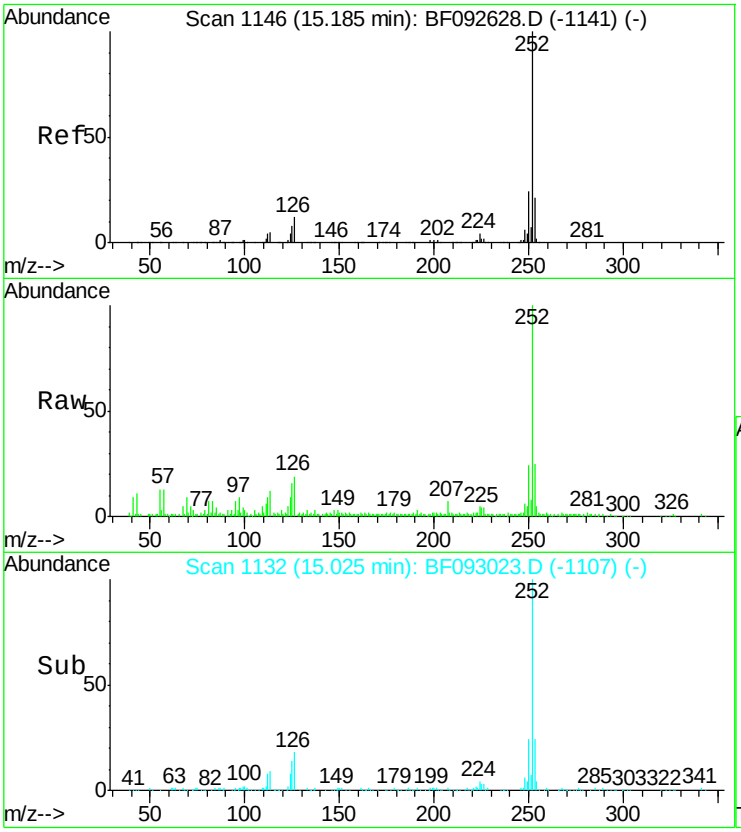


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:264 Resp: 313409

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.4	26.0



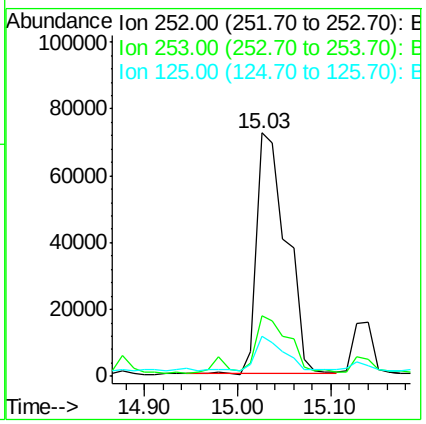


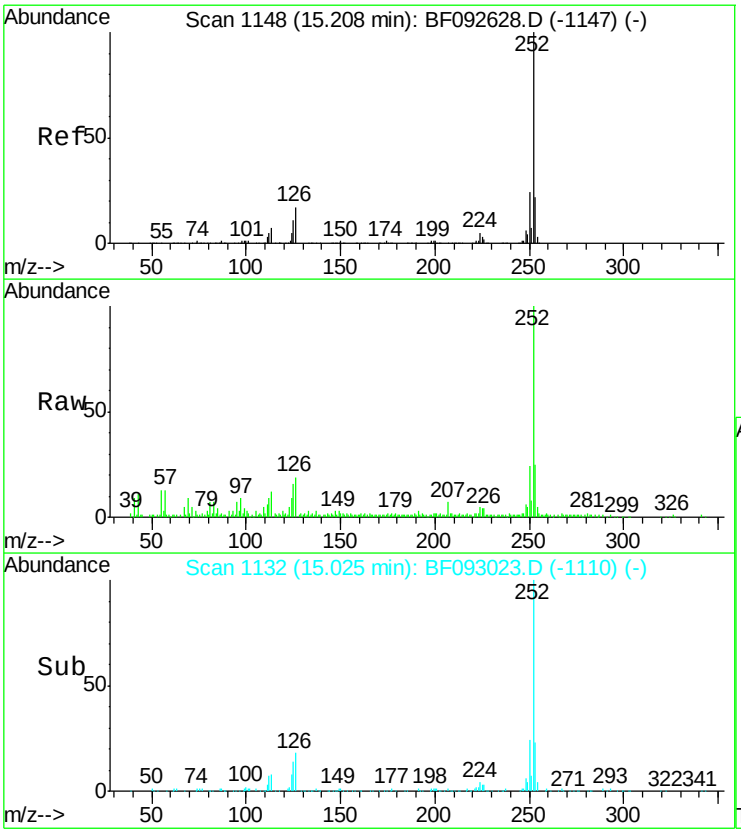
#87
Benzo(b)fluoranthene
Concen: 7.72 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:252 Resp: 159275

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.4
125	16.4	9.8	14.6#

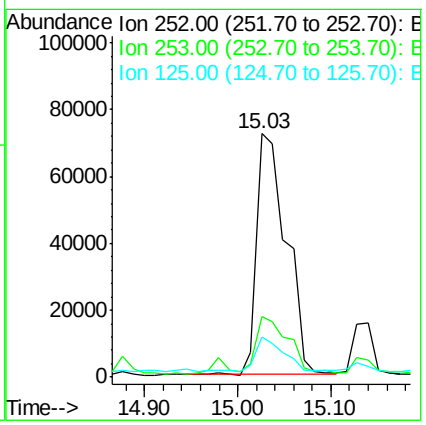


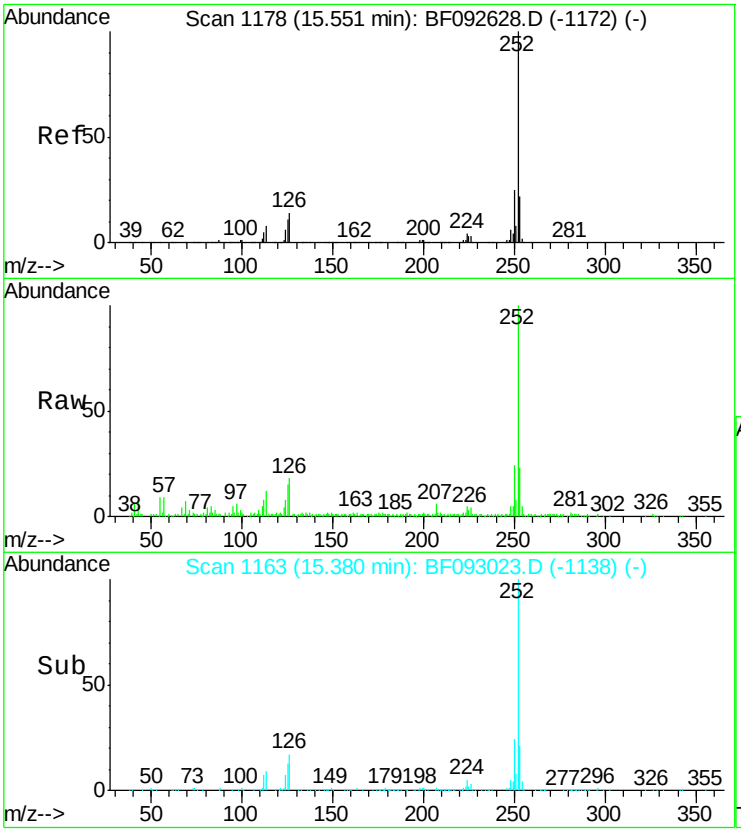


#88
Benzo(k)fluoranthene
Concen: 8.94 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:252 Resp: 159275

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	16.4	8.9	13.3#



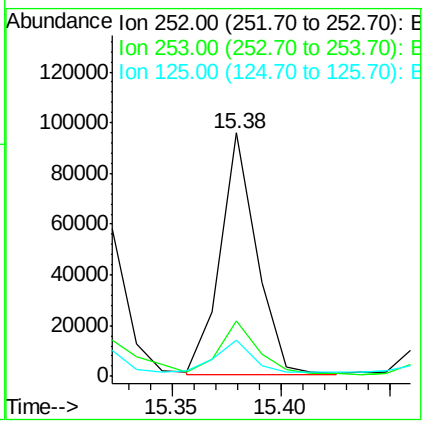


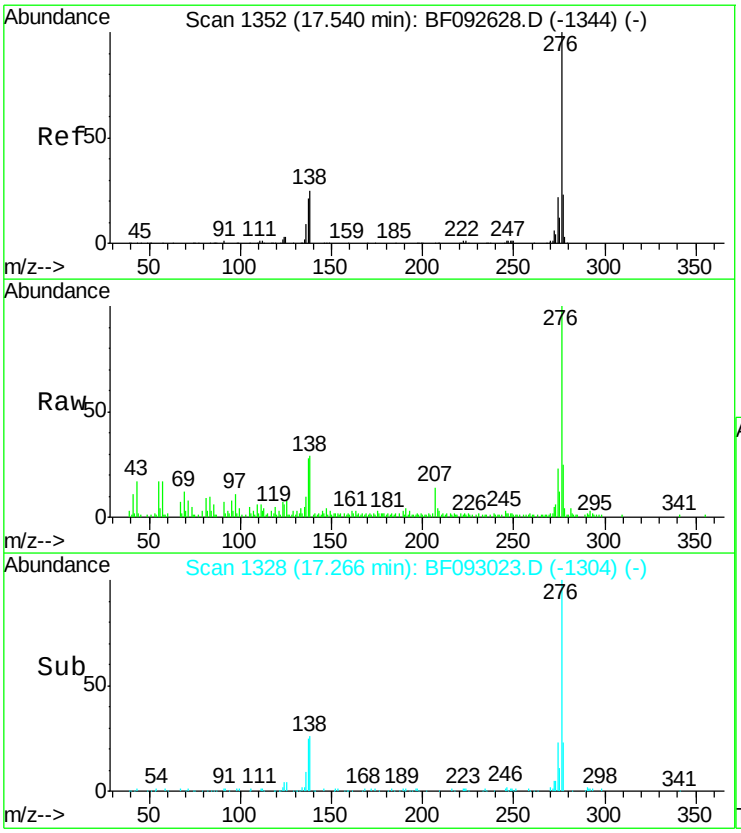
#89
Benzo(a)pyrene
Concen: 6.18 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Instrument :
BNA_F
ClientSampleId :
TP22-COMP16

Tgt Ion:252 Resp: 110290

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	14.7	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 4.96 ng
RT: 17.27 min Scan# 1328
Delta R.T. -0.02 min
Lab File: BF093023.D
Acq: 17 Feb 2017 21:04

Tgt Ion:276 Resp: 72324

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	29.2	16.0	24.0#