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

Quantitation Report (Not Reviewed)

Data File : BF093028.D
Acq On : 17 Feb 2017 23:21
Operator : SJ/MA
Sample : I1868-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRUM-AB-COMPRE

Quant Time: Feb 17 23:50:17 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	6.86	152	132474	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	489996	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	224338	20.00	ng		0.01
63) Phenanthrene-d10	11.40	188	224357	20.00	ng		0.02
75) Chrysene-d12	14.00	240	2096	20.00	ng		-0.02
86) Perylene-d12	15.56	264	108342	20.00	ng		0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	834446	108.07	ng		0.00
7) Phenol-d6	6.51	99	1180246	118.79	ng		0.02
23) Nitrobenzene-d5	7.42	82	555039	63.08	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	161052	99.26	ng		0.02
44) 2-Fluorobiphenyl	9.22	172	983749	79.44	ng		0.00
78) Terphenyl-d14	13.04	244	240320	2694.04	ng		0.07
Target Compounds							Qvalue
10) Phenol	6.52	94	31249	2.69	ng	#	77
22) Acetophenone	7.28	105	78050	6.98	ng	#	89
25) Isophorone	7.42	82	528222	32.22	ng	#	65
32) Benzoic acid	7.90	122	13887	9.93	ng		93
35) Caprolactam	8.58	113	6992	3.16	ng	#	1
49) Dimethylphthalate	9.62	163	172697	11.43	ng		100
53) 2,4-Dinitrophenol	9.95	184	206	4.85	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.51	198	572	3.06	ng	#	1
69) Pentachlorophenol	11.23	266	730	7.76	ng	#	49
74) Fluoranthene	12.65	202	36090	2.72	ng	#	1
76) Benzidine	12.72	184	4663	52.21	ng	#	1
77) Pyrene	12.89	202	16561	105.58	ng	#	1
79) Butylbenzylphthalate	13.43	149	8992	141.17	ng	#	1
80) Benzo(a)anthracene	13.99	228	289	2.25	ng	#	1
81) 3,3'-Dichlorobenzidine	14.00	252	959	20.99	ng	#	1
82) Chrysene	13.99	228	289	2.41	ng	#	1
83) Bis(2-ethylhexyl)phthalate	13.92	149	2162	24.82	ng	#	1
84) Di-n-octyl phthalate	14.53	149	4429	31.22	ng	#	1
85) Indeno(1,2,3-cd)pyrene	16.81	276	2713	29.18	ng	#	1
87) Benzo(b)fluoranthene	15.15	252	15476	2.17	ng	#	1
88) Benzo(k)fluoranthene	15.15	252	15476	2.51	ng	#	1
91) Benzo(g,h,i)perylene	17.38	276	12012	2.39	ng	#	1

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

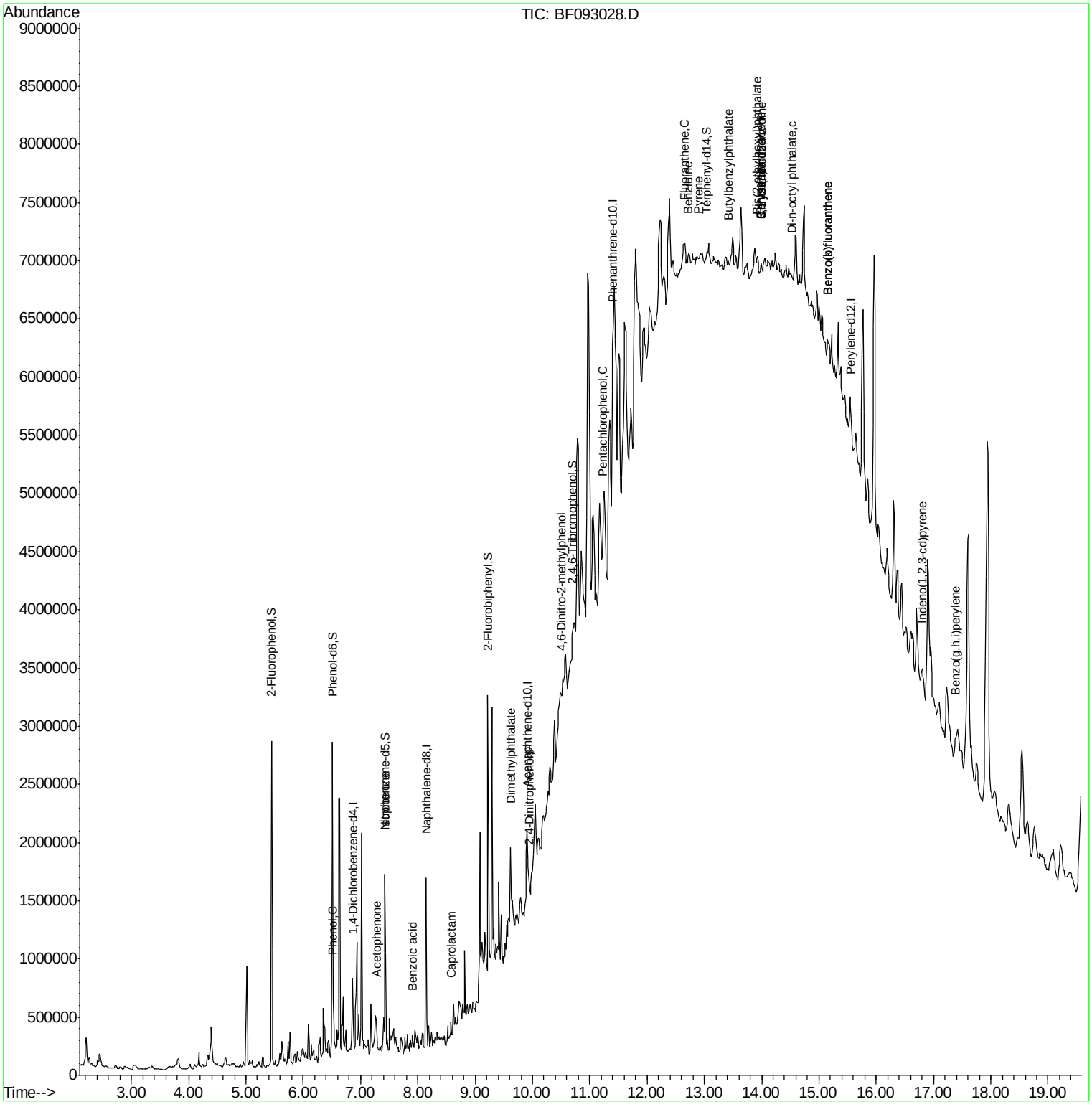
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021717\

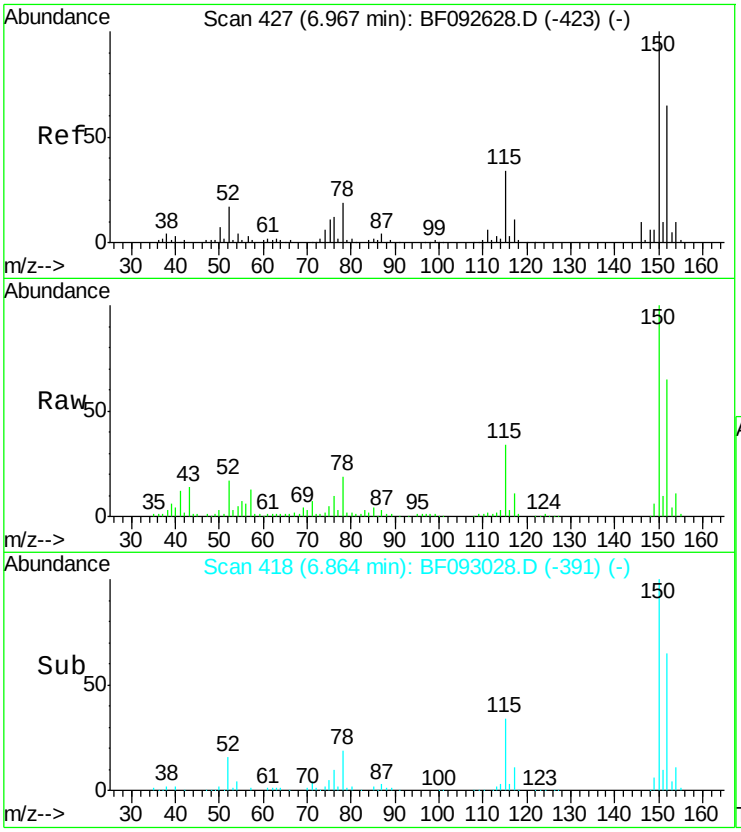
Quantitation Report (Not Reviewed)

Data File : BF093028.D
Acq On : 17 Feb 2017 23:21
Operator : SJ/MA
Sample : I1868-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Quant Time: Feb 17 23:50:17 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



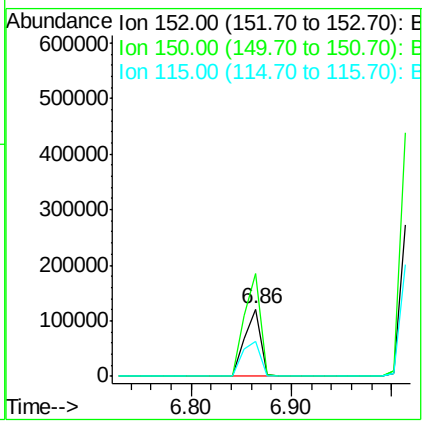


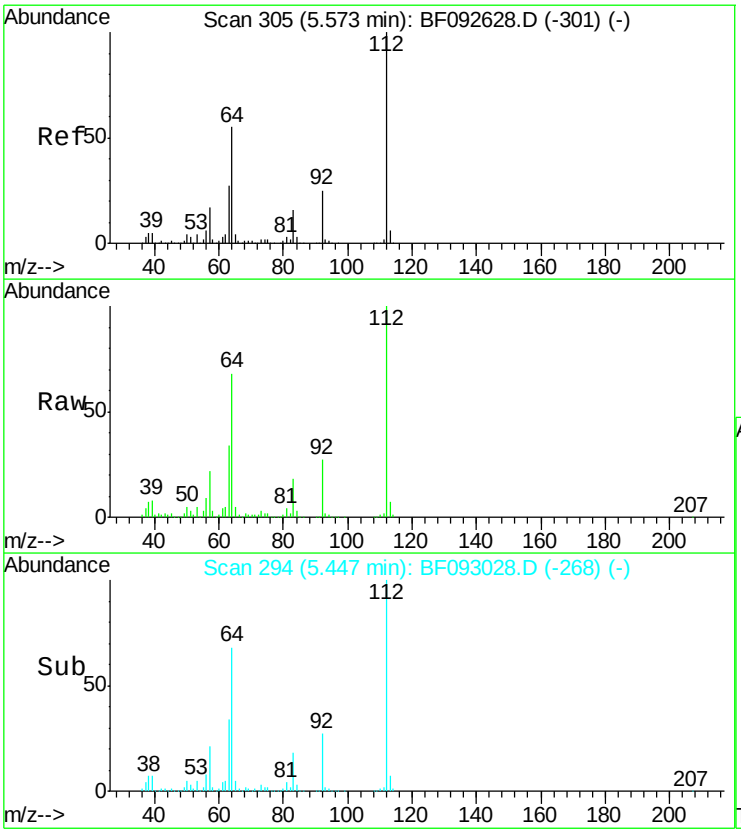
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:152 Resp: 132474

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	52.0	46.0	69.0

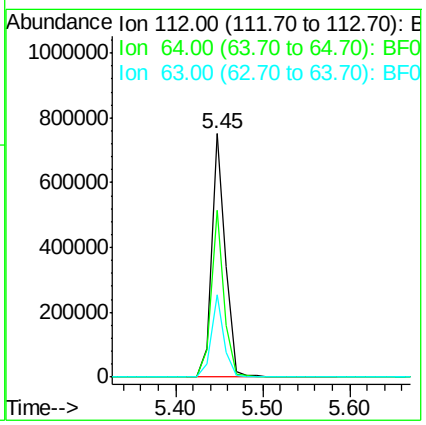


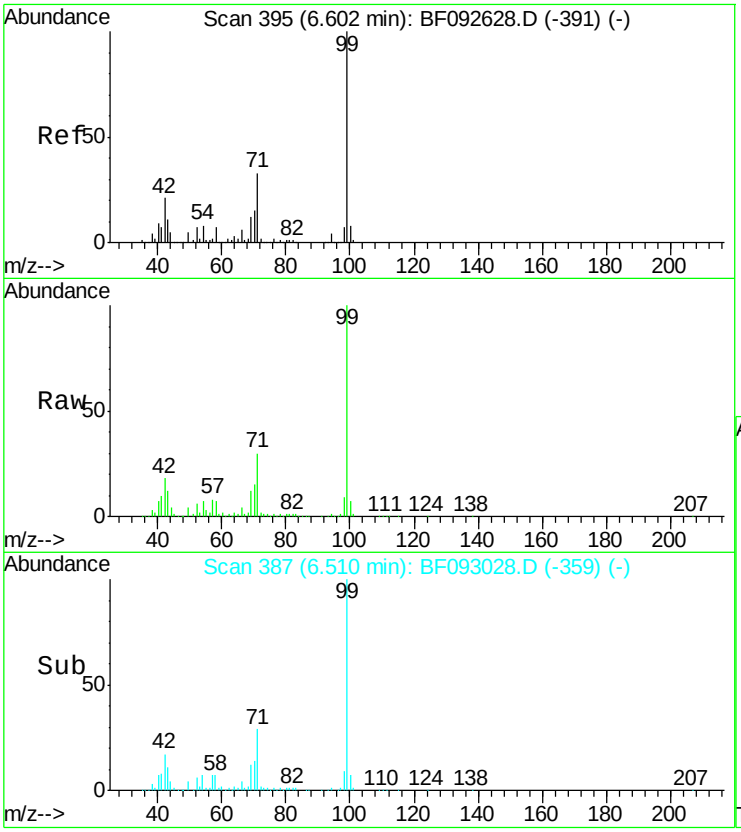


#5
2-Fluorophenol
Concen: 108.07 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:112 Resp: 834446

Ion	Ratio	Lower	Upper
112	100		
64	68.3	46.1	69.1
63	33.8	23.8	35.6



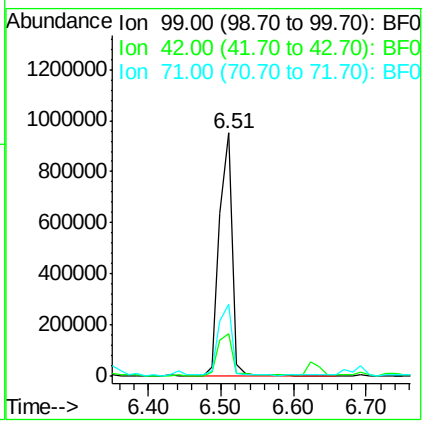


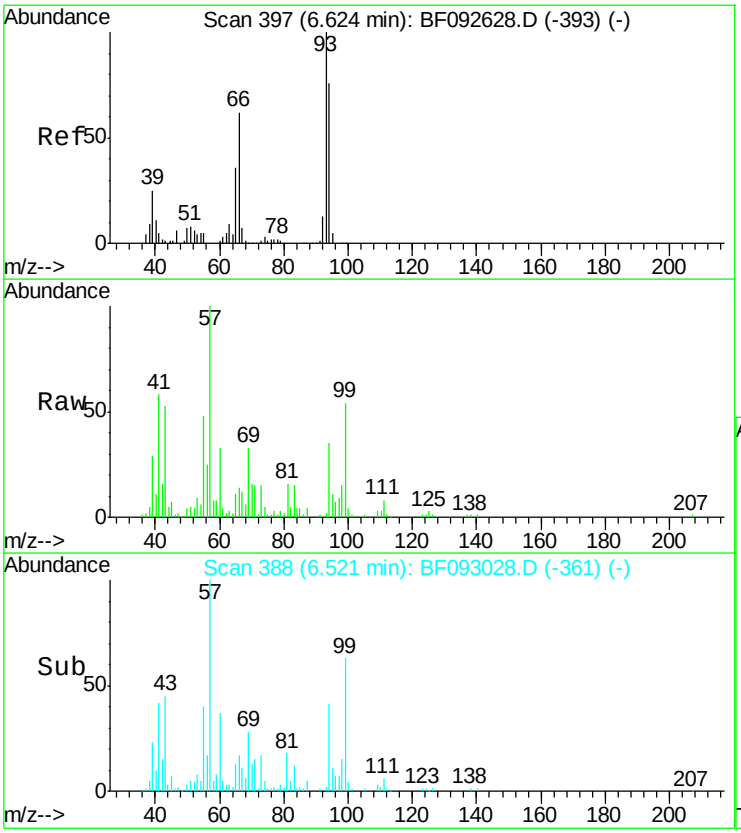
#7
Phenol-d6
Concen: 118.79 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion: 99 Resp: 1180246

Ion	Ratio	Lower	Upper
99	100		
42	17.6	15.6	23.4
71	29.7	27.5	41.3

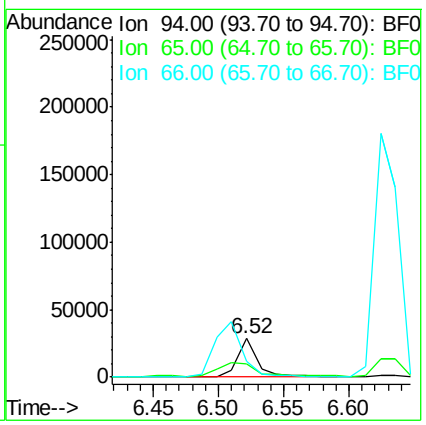


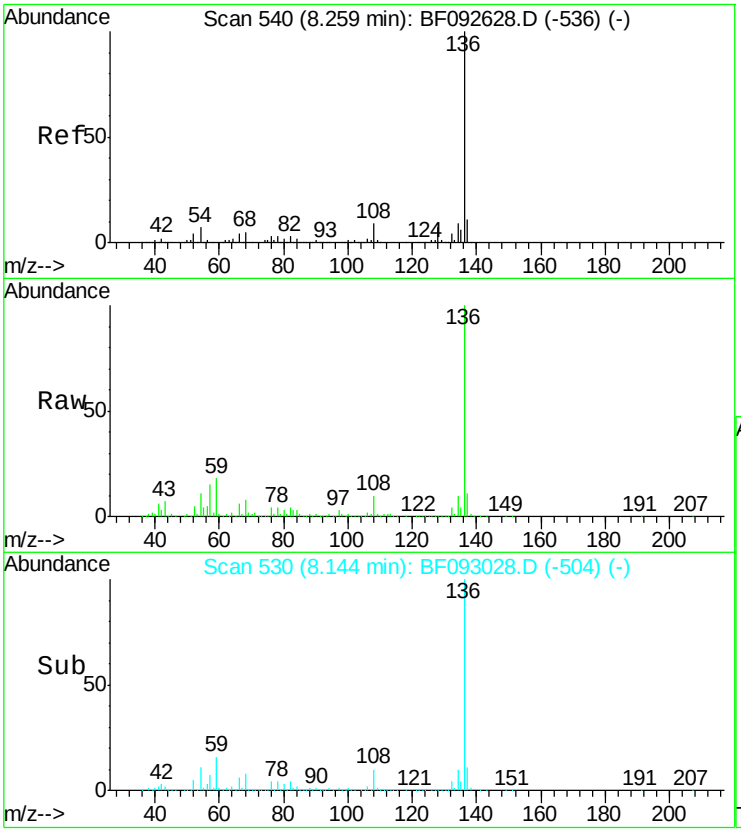


#10
Phenol
Concen: 2.69 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion: 94 Resp: 31249

Ion	Ratio	Lower	Upper
94	100		
65	33.0	21.4	61.4
66	41.2	44.0	84.0#



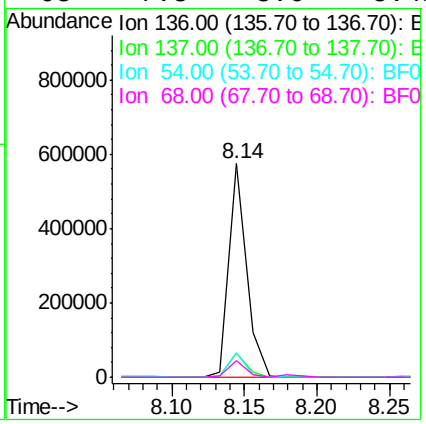


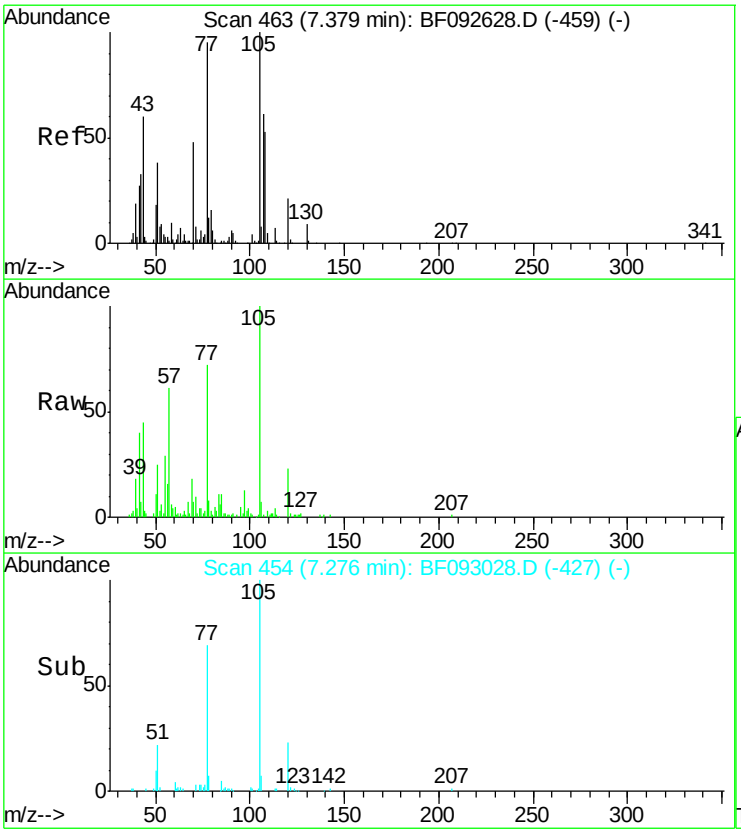
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:136 Resp: 489996

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.4	4.5	6.7#
68	7.8	3.6	5.4#

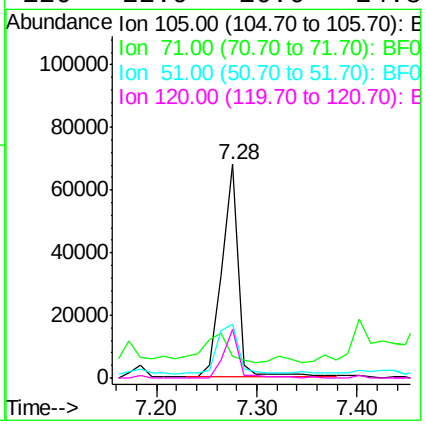


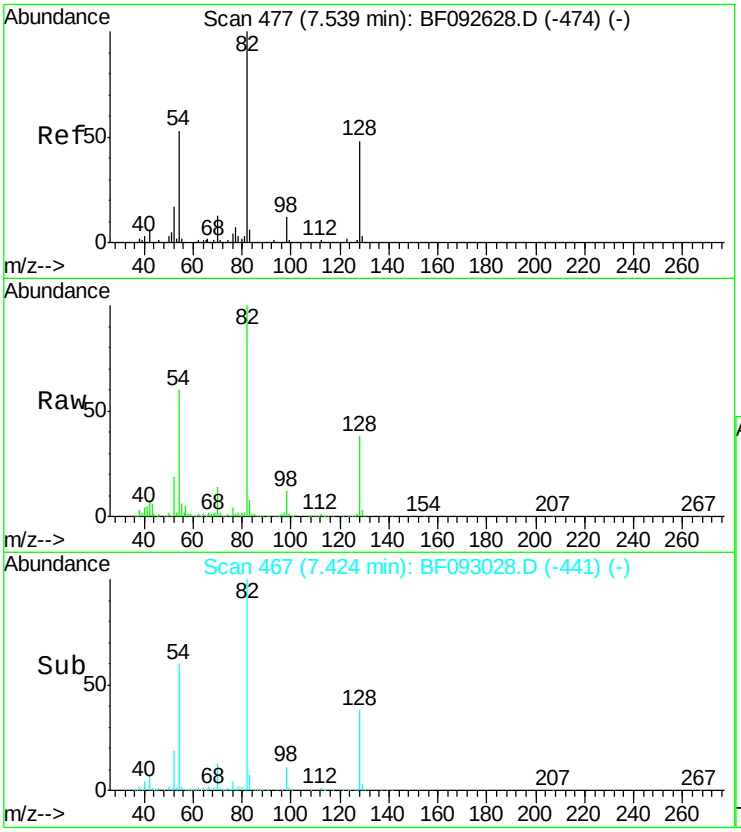


#22
Acetophenone
Concen: 6.98 ng
RT: 7.28 min Scan# 454
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:105 Resp: 78050

Ion	Ratio	Lower	Upper
105	100		
71	10.4	3.2	4.8#
51	25.1	26.2	39.4#
120	22.9	16.6	24.8



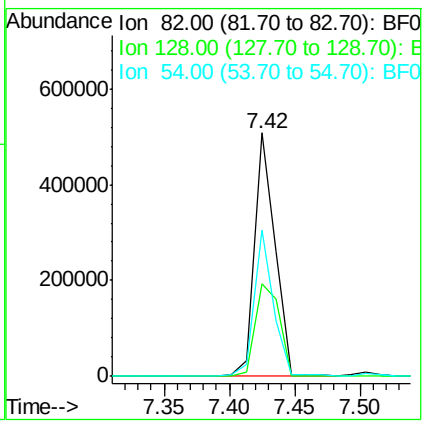


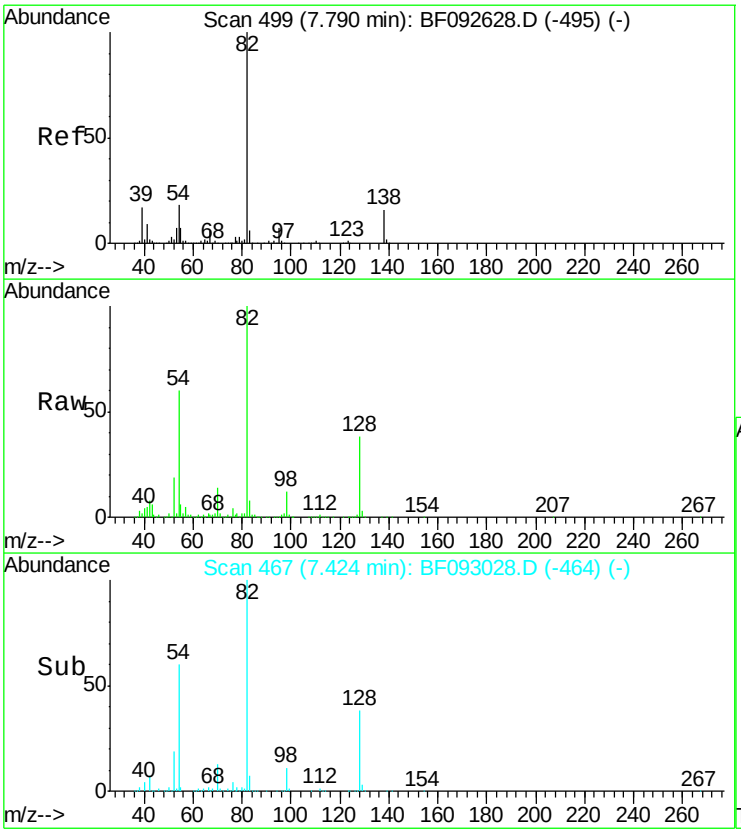
#23
Nitrobenzene-d5
Concen: 63.08 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion: 82 Resp: 555039

Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	60.2	39.5	59.3#

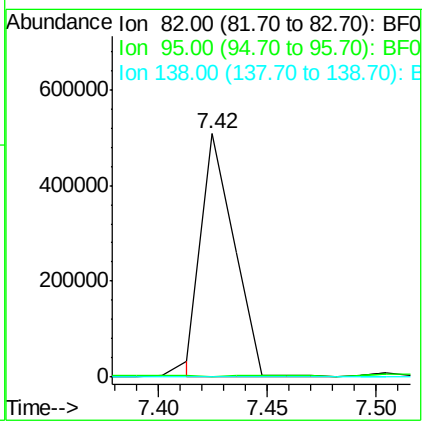


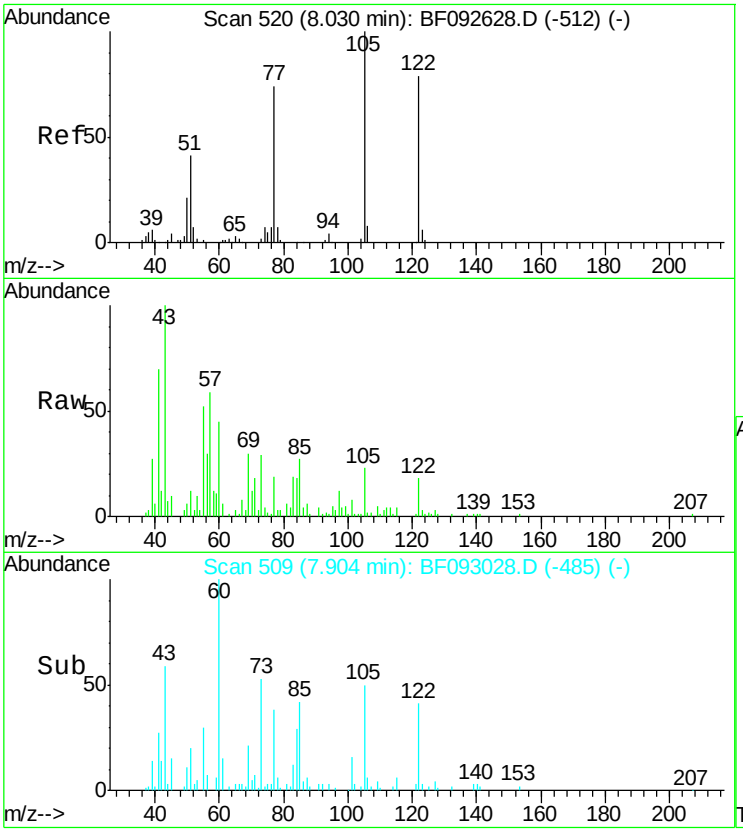


#25
Isophorone
Concen: 32.22 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.26 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion: 82 Resp: 528222

Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.6	8.4#
138	0.0	14.6	22.0#



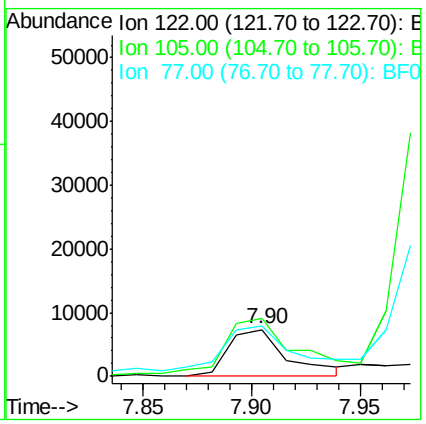


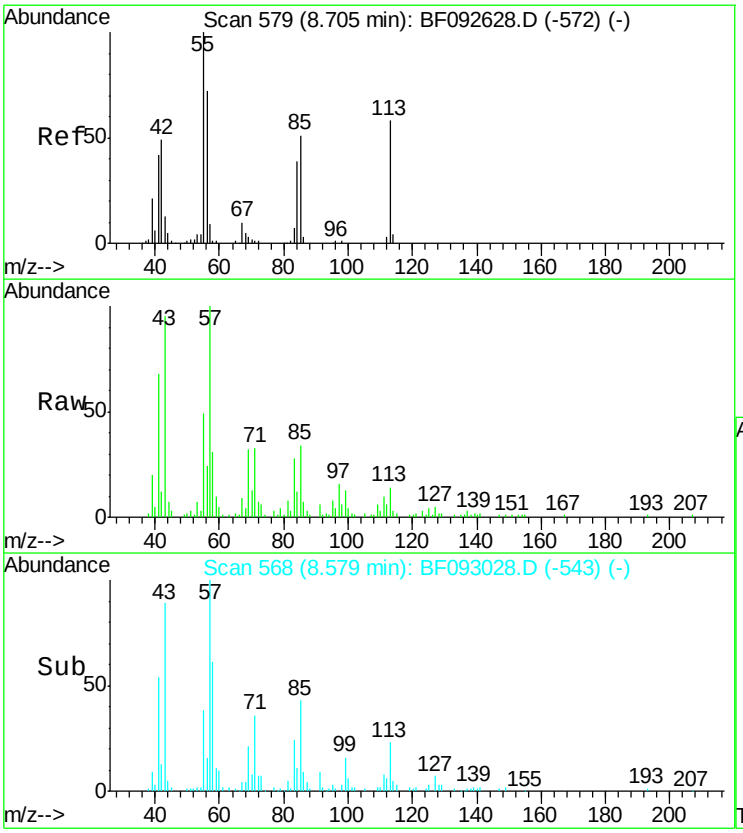
#32
Benzoic acid
Concen: 9.93 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:122 Resp: 13887

Ion	Ratio	Lower	Upper
122	100		
105	125.5	107.2	147.2
77	108.3	74.5	114.5

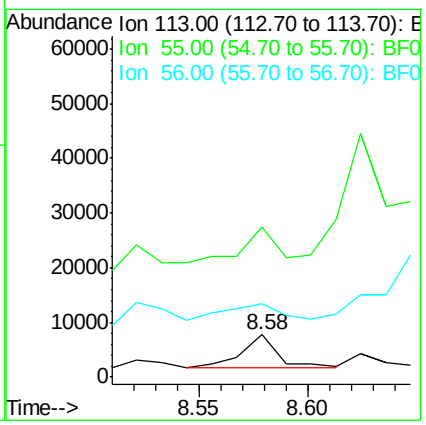


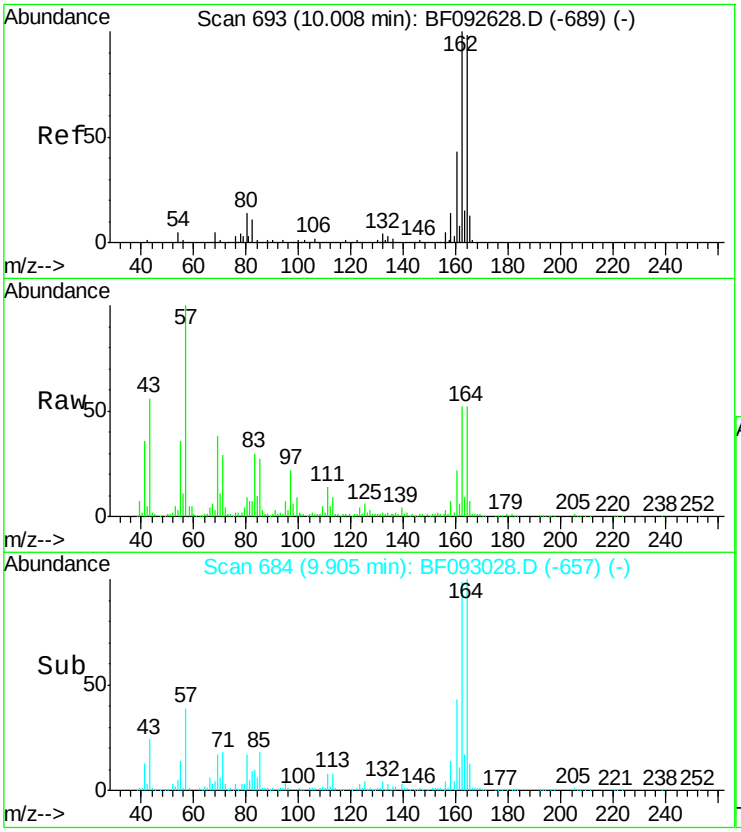


#35
Caprolactam
Concen: 3.16 ng
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:113 Resp: 6992

Ion	Ratio	Lower	Upper
113	100		
55	355.2	119.2	159.2#
56	172.6	83.8	123.8#



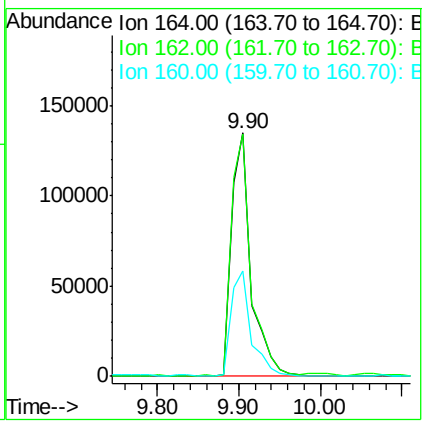


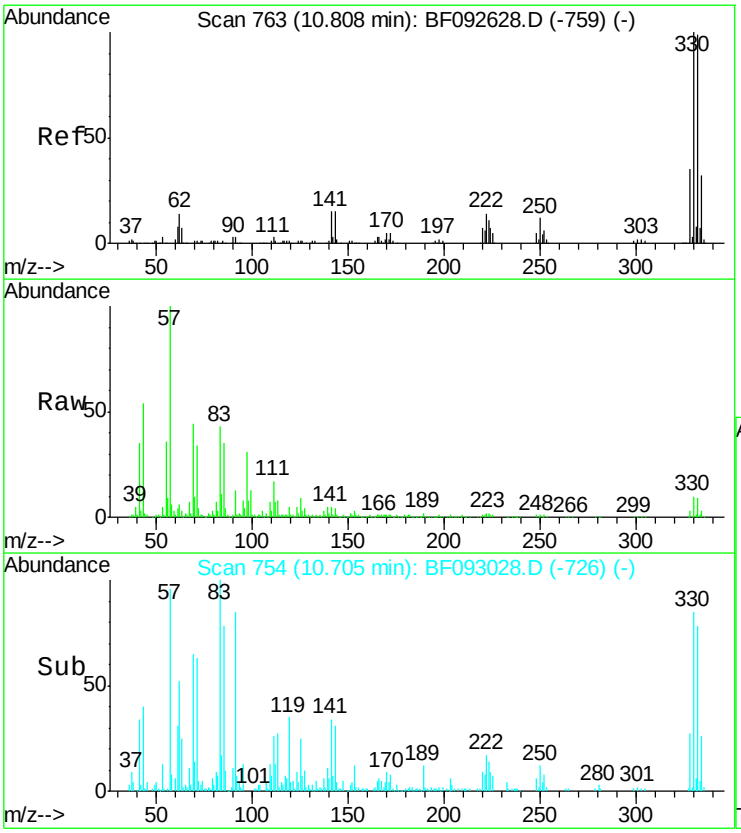
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:164 Resp: 224338

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.2	120.2
160	43.1	36.9	55.3

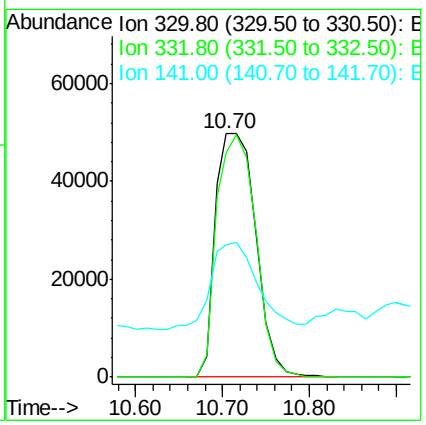


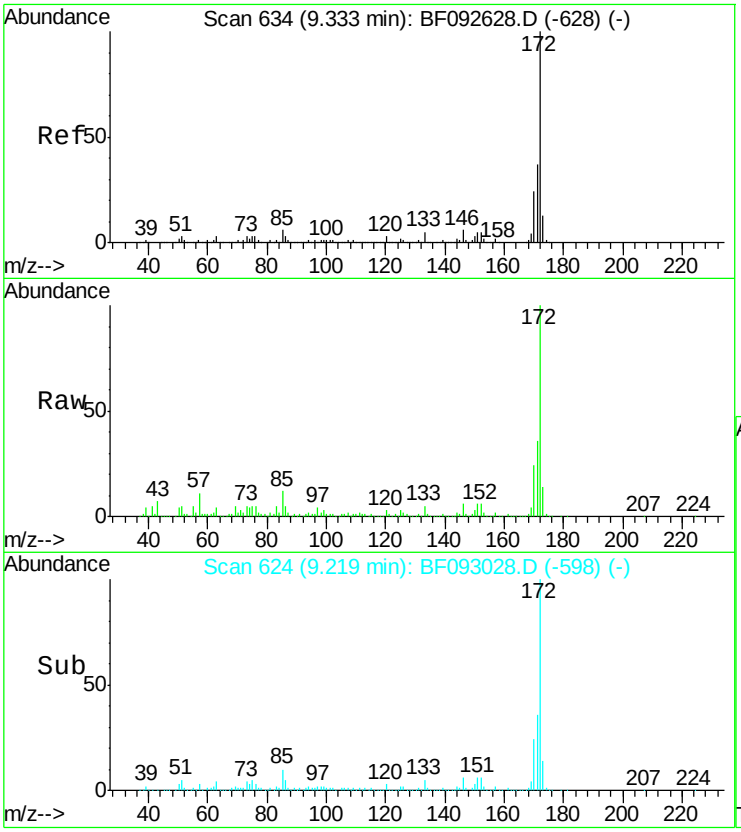


#41
2,4,6-Tribromophenol
Concen: 99.26 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:330 Resp: 161052

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	41.3	34.1	51.1



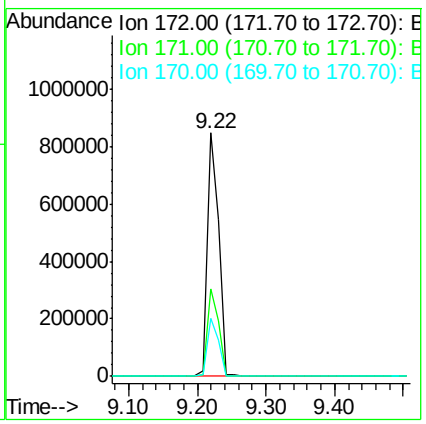


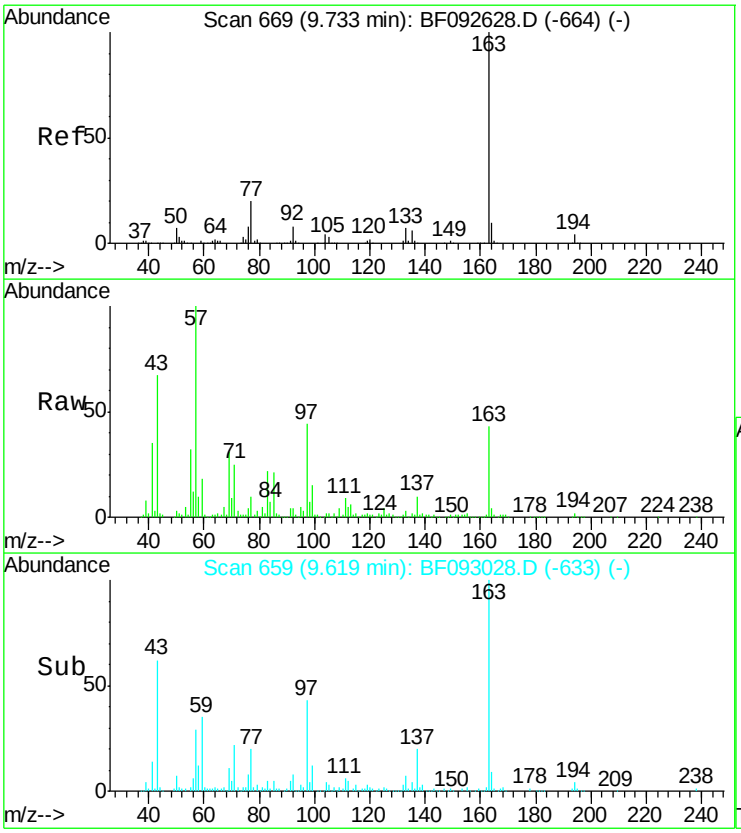
#44
2-Fluorobiphenyl
Concen: 79.44 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:172 Resp: 983749

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.8	20.2	30.4

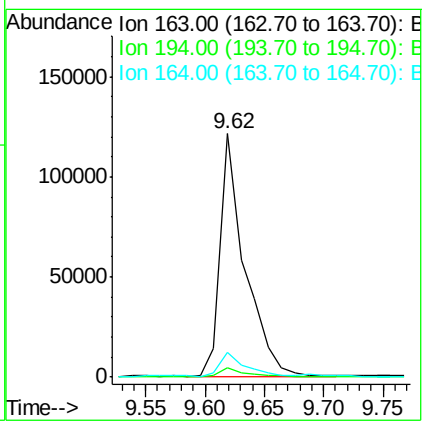


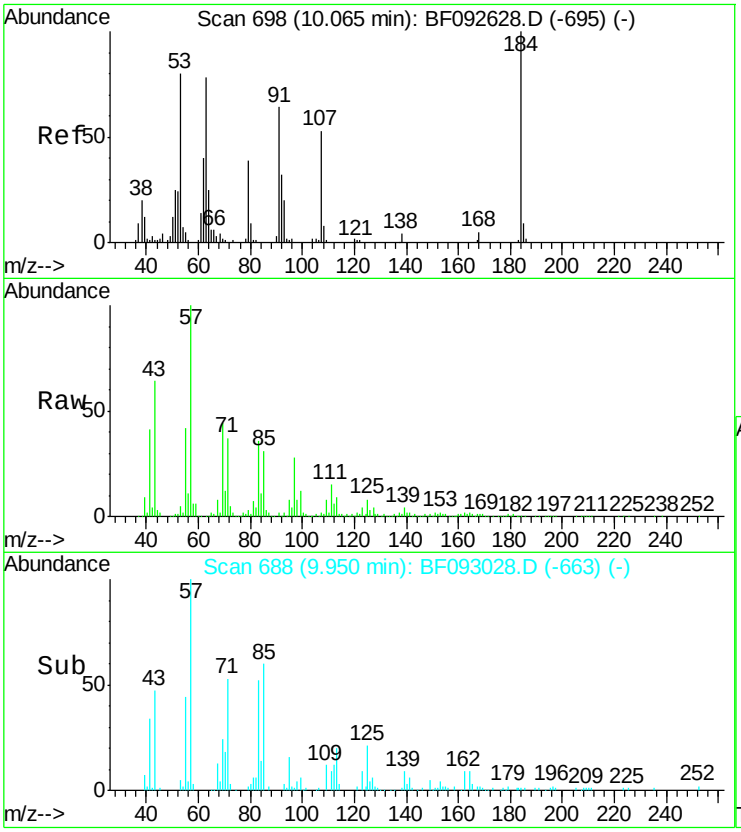


#49
Dimethylphthalate
Concen: 11.43 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:163 Resp: 172697

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.1	8.0	12.0



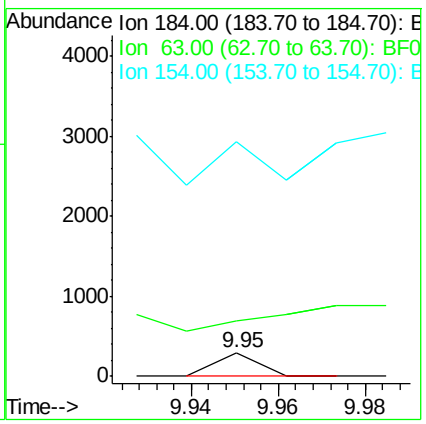


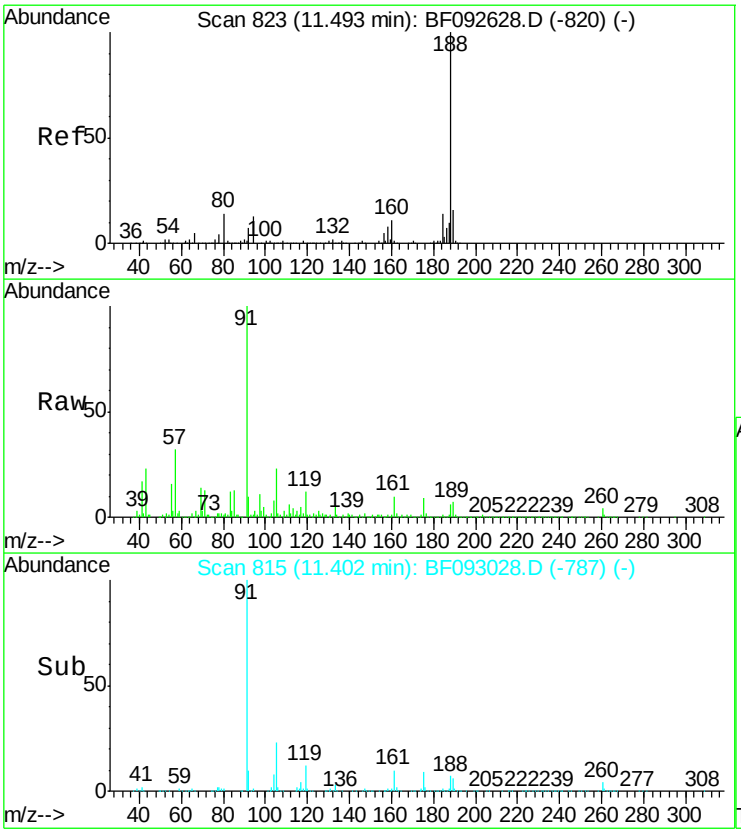
#53
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:184 Resp: 206

Ion	Ratio	Lower	Upper
184	100		
63	228.7	28.4	42.6#
154	977.0	44.3	66.5#

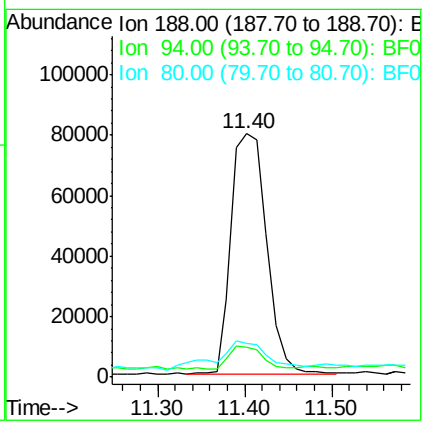


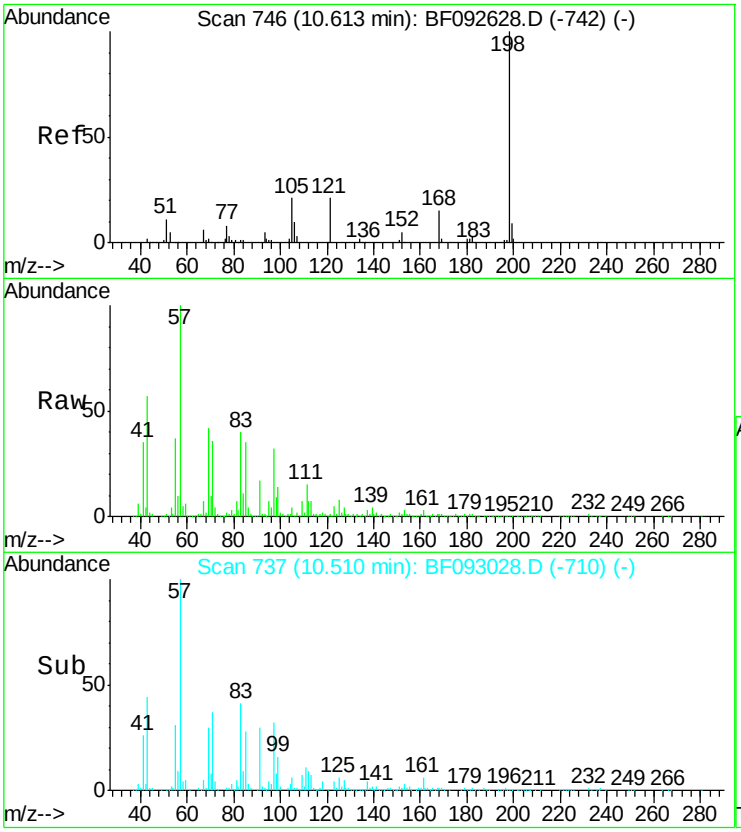


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:188 Resp: 224357

Ion	Ratio	Lower	Upper
188	100		
94	12.4	10.0	15.0
80	13.9	11.2	16.8



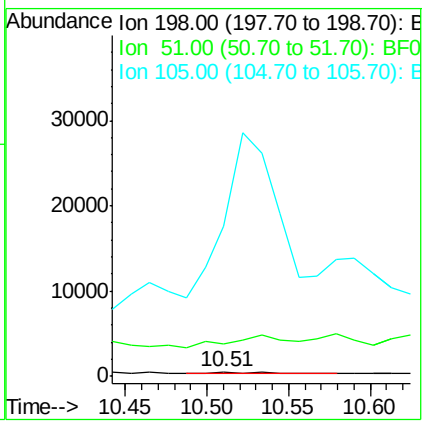


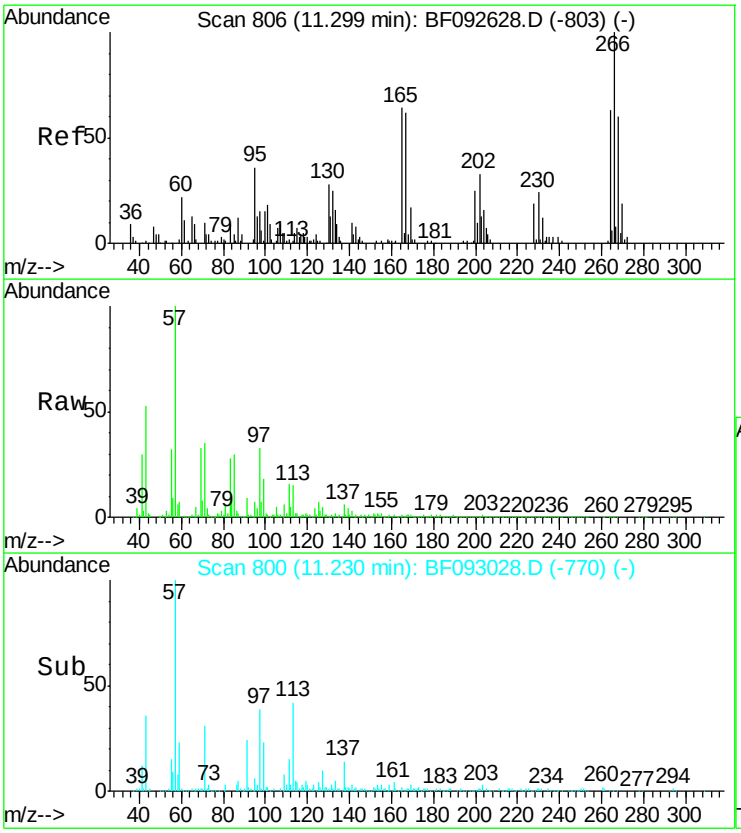
#64
4,6-Dinitro-2-methylphenol
Concen: 3.06 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:198 Resp: 572

Ion	Ratio	Lower	Upper
198	100		
51	666.2	6.7	46.7#
105	3100.0	16.6	56.6#

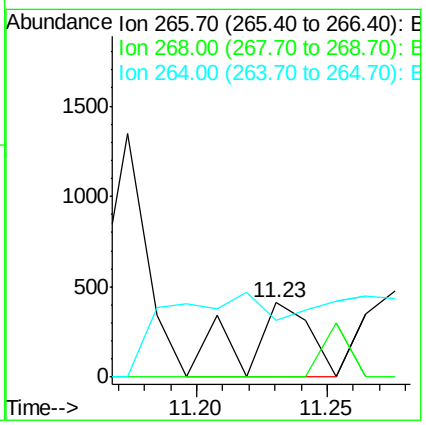


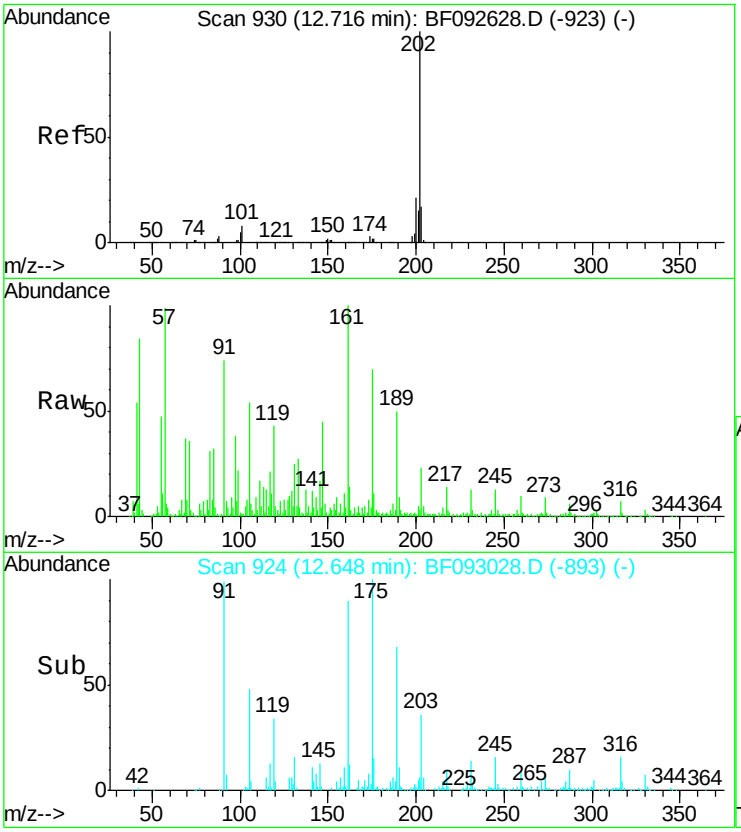


#69
Pentachlorophenol
Concen: 7.76 ng
RT: 11.23 min Scan# 800
Delta R.T. 0.05 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:266 Resp: 730

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.3	79.9#
264	75.8	50.3	75.5#



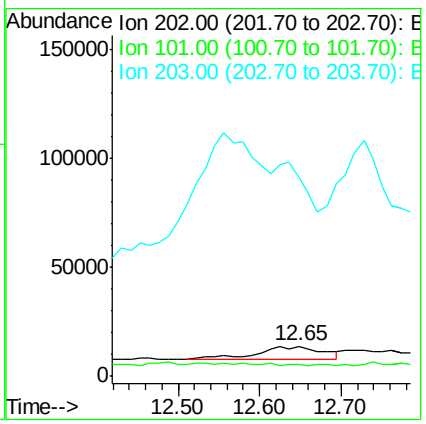


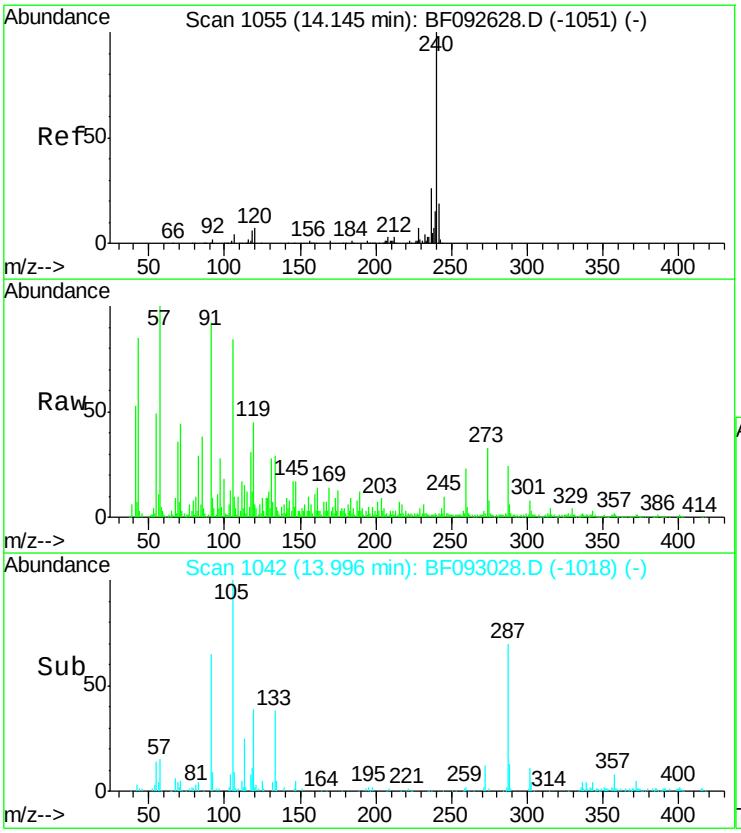
#74
Fluoranthene
Concen: 2.72 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.06 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:202 Resp: 36090

Ion	Ratio	Lower	Upper
202	100		
101	39.0	0.0	34.6#
203	664.0	0.0	38.7#

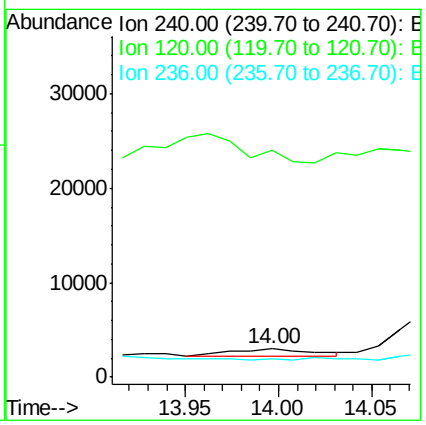


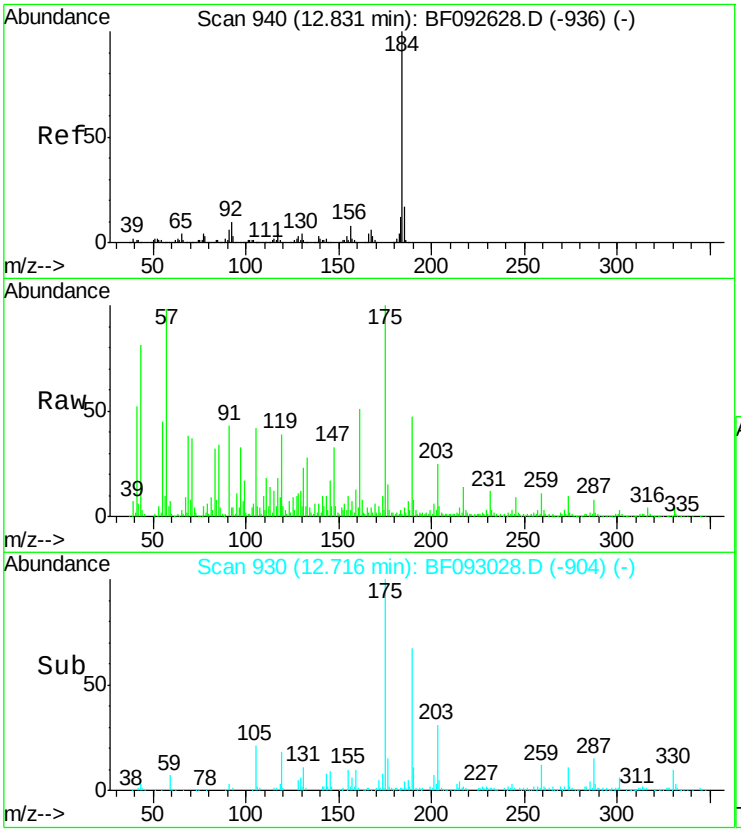


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:240 Resp: 2096

Ion	Ratio	Lower	Upper
240	100		
120	799.2	12.9	19.3#
236	67.0	20.9	31.3#



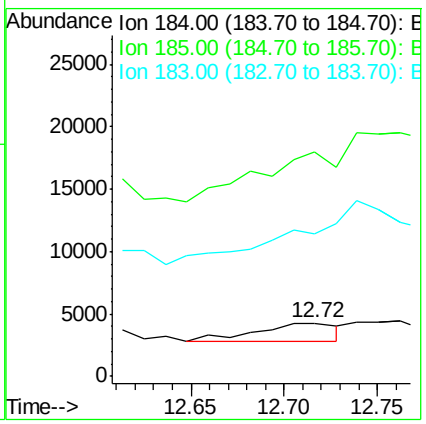


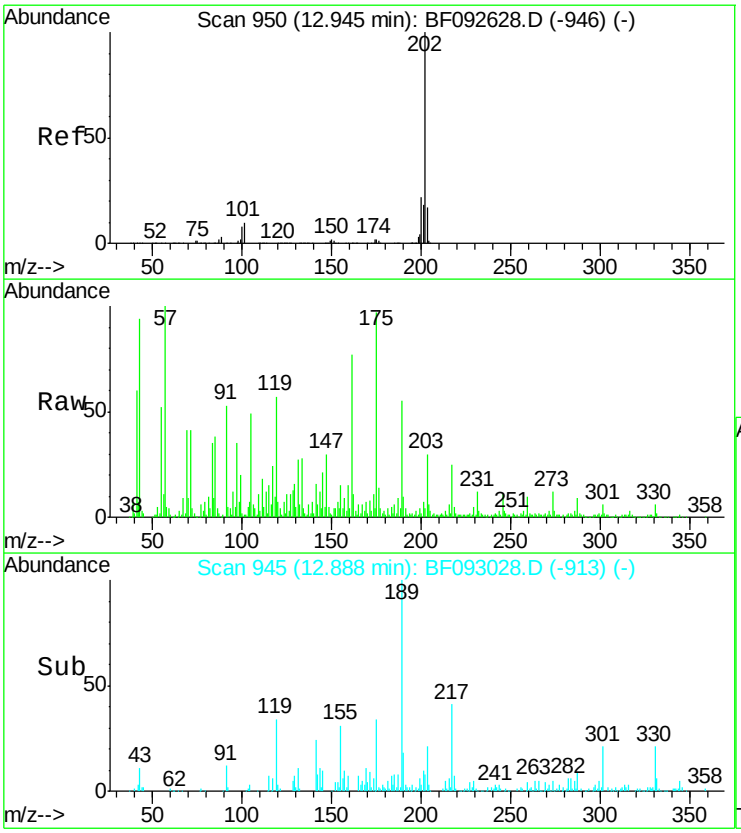
#76
Benzidine
Concen: 52.21 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:184 Resp: 4663

Ion	Ratio	Lower	Upper
184	100		
185	423.3	13.4	20.0#
183	270.0	9.2	13.8#

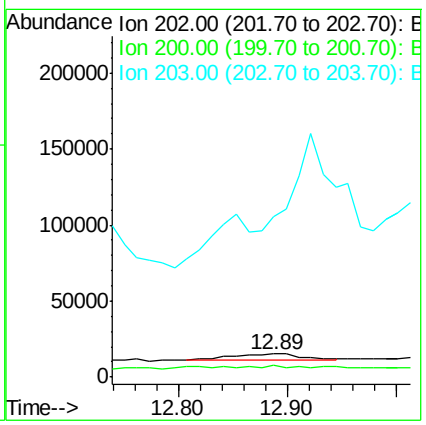


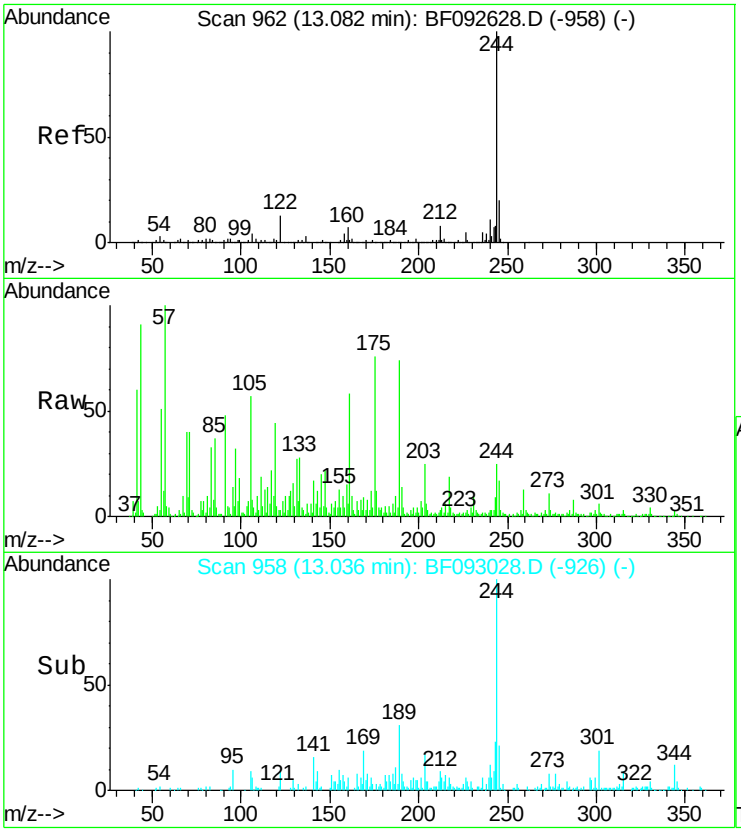


#77
Pyrene
Concen: 105.58 ng
RT: 12.89 min Scan# 945
Delta R.T. 0.07 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:202 Resp: 16561

Ion	Ratio	Lower	Upper
202	100		
200	48.9	17.7	26.5#
203	690.7	14.7	22.1#



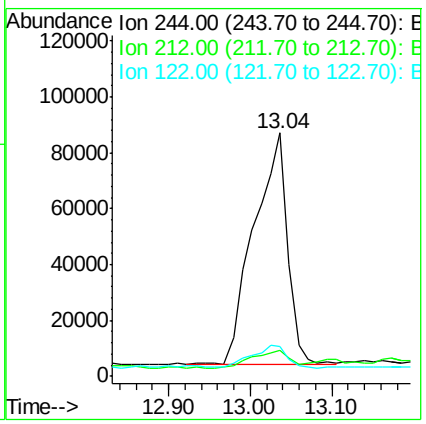


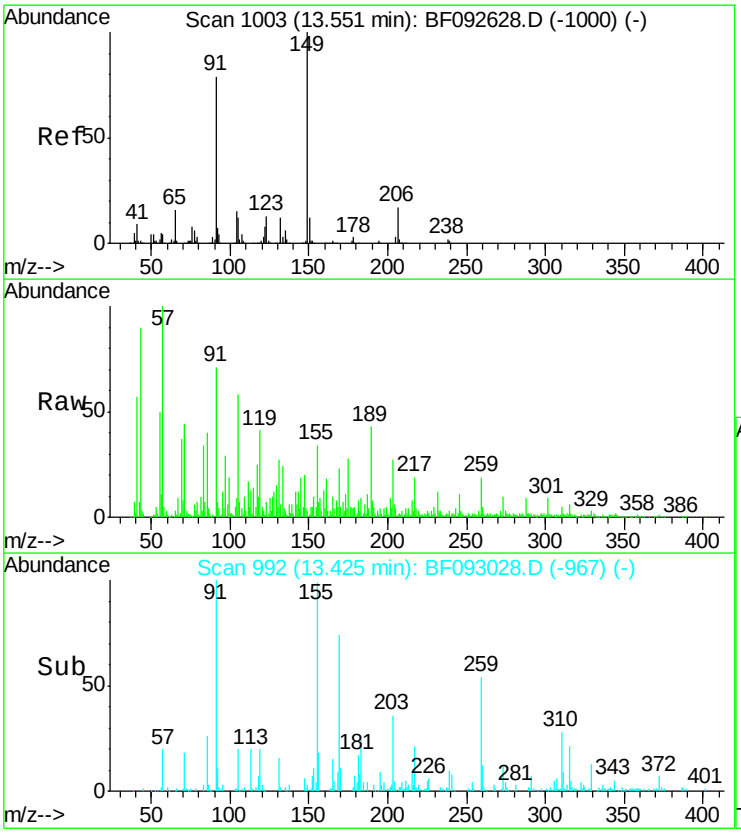
#78
Terphenyl-d14
Concen: 2694.04 ng
RT: 13.04 min Scan# 958
Delta R.T. 0.07 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:244 Resp: 240320

Ion	Ratio	Lower	Upper
244	100		
212	10.9	6.2	9.2#
122	12.5	11.4	17.2

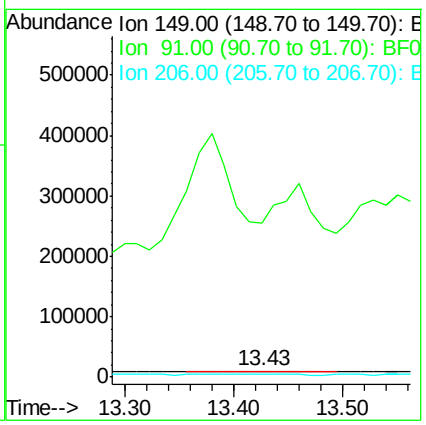


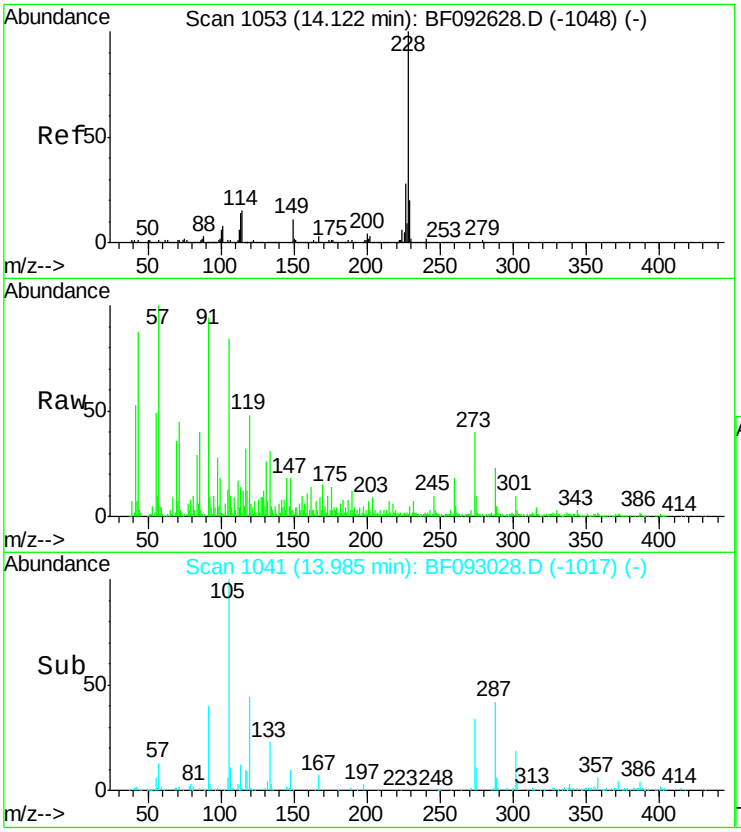


#79
Butylbenzylphthalate
Concen: 141.17 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:149 Resp: 8992

Ion	Ratio	Lower	Upper
149	100		
91	2500.3	63.9	95.9#
206	38.6	14.6	21.8#



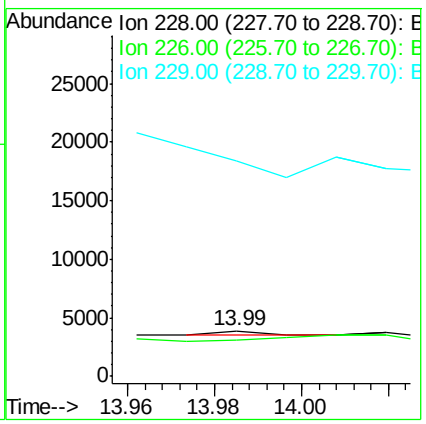


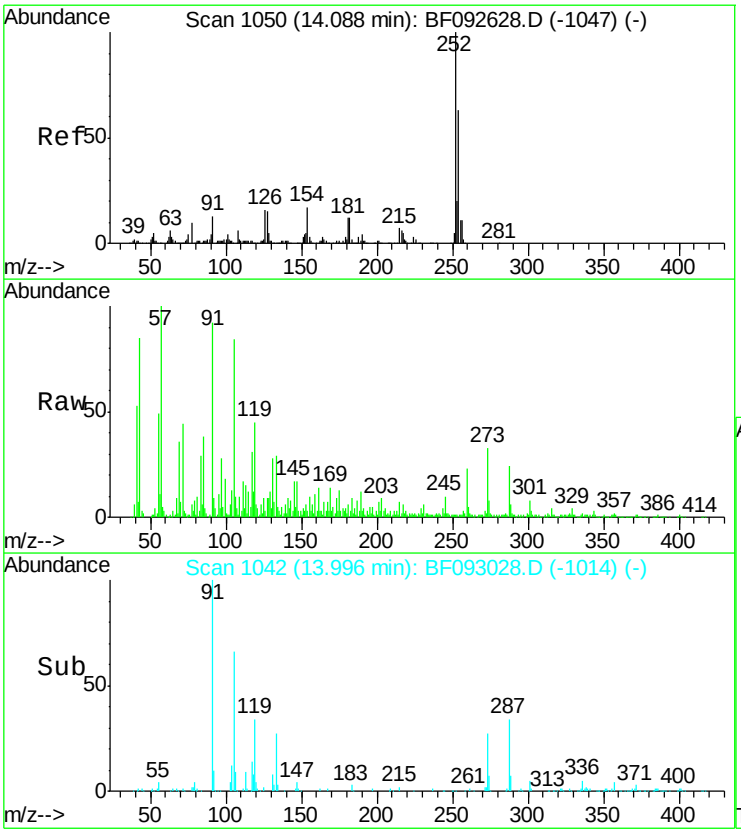
#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:228 Resp: 289

Ion	Ratio	Lower	Upper
228	100		
226	81.1	22.4	33.6#
229	474.6	16.2	24.4#

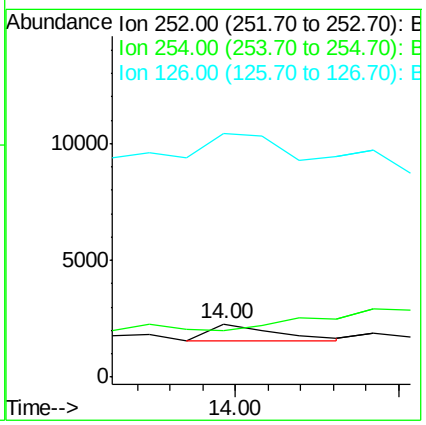


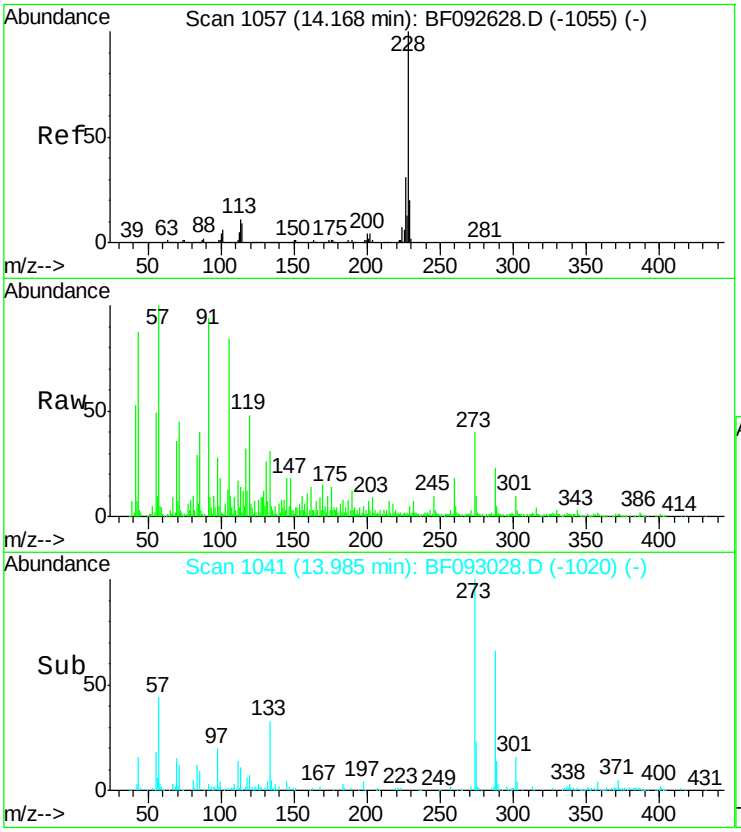


#81
3,3'-Dichlorobenzidine
Concen: 20.99 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:252 Resp: 959

Ion	Ratio	Lower	Upper
252	100		
254	87.5	52.3	78.5#
126	459.4	13.6	20.4#



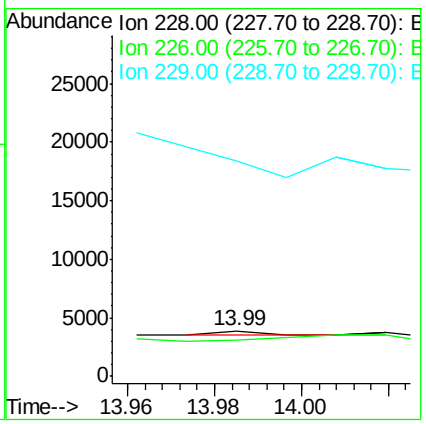


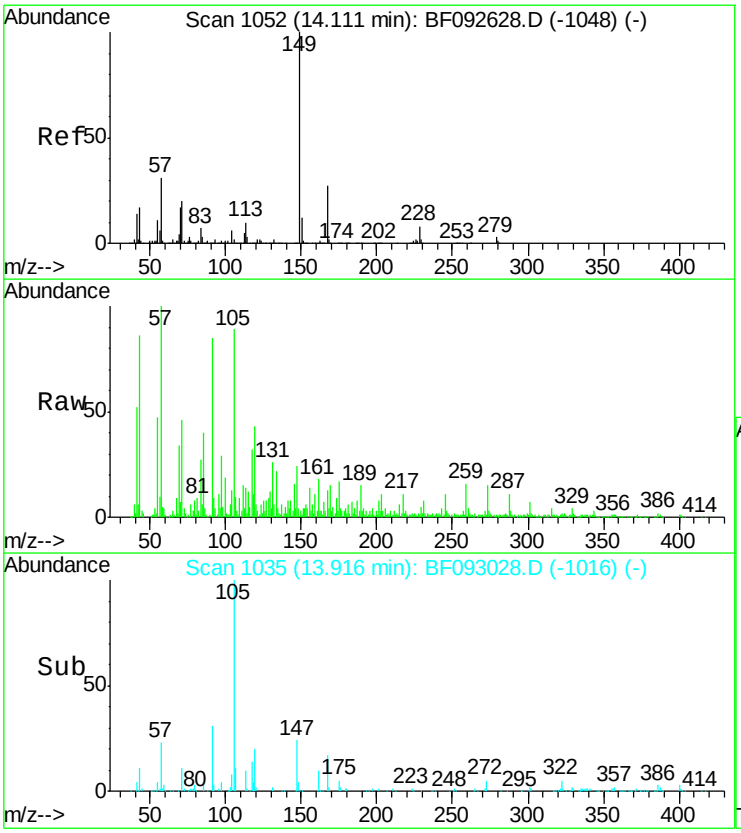
#82
Chrysene
Concen: 2.41 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.06 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:228 Resp: 289

Ion	Ratio	Lower	Upper
228	100		
226	81.1	25.4	38.0#
229	474.6	16.2	24.2#

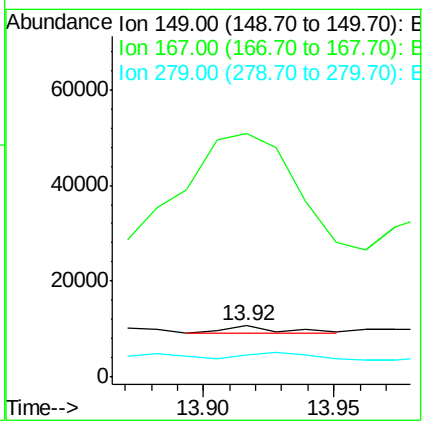


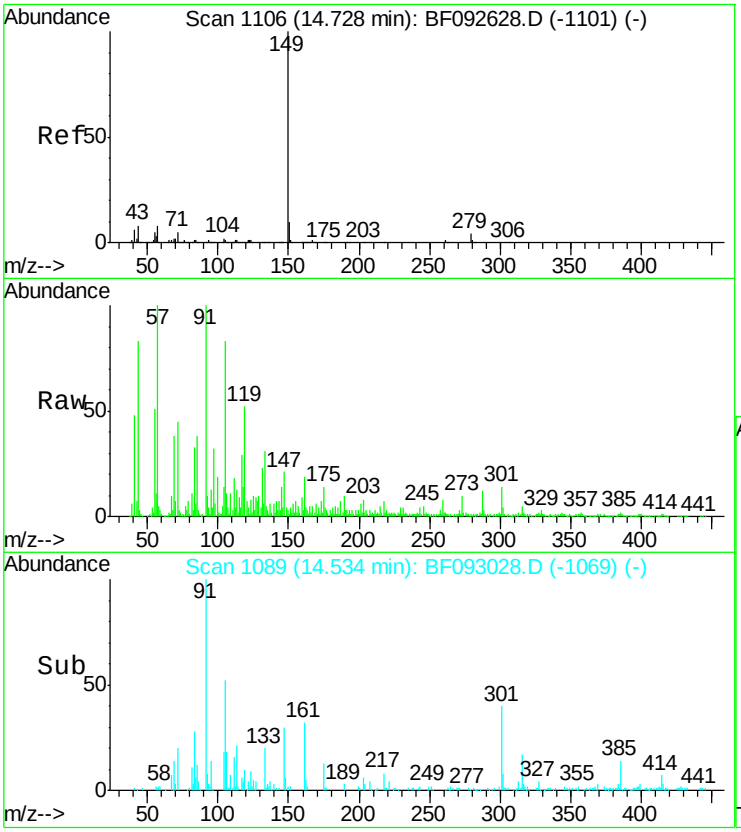


#83
Bis(2-ethylhexyl)phthalate
Concen: 24.82 ng
RT: 13.92 min Scan# 1035
Delta R.T. -0.08 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:149 Resp: 2162

Ion	Ratio	Lower	Upper
149	100		
167	472.7	20.2	30.4#
279	42.7	1.8	2.8#



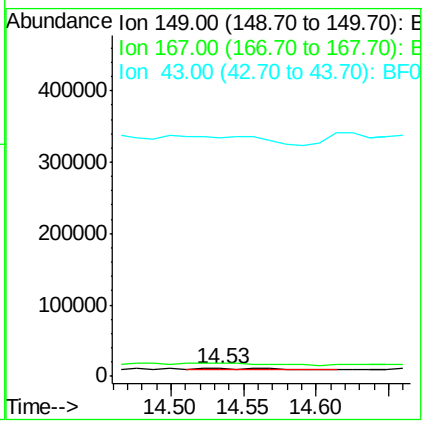


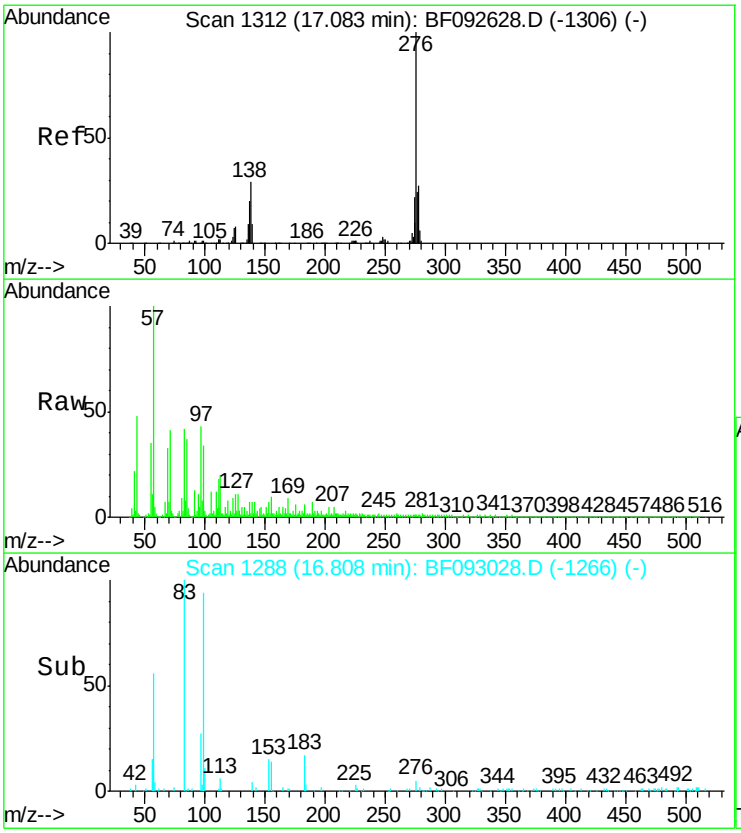
#84
Di-n-octyl phthalate
Concen: 31.22 ng
RT: 14.53 min Scan# 1089
Delta R.T. -0.07 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:149 Resp: 4429

Ion	Ratio	Lower	Upper
149	100		
167	309.6	1.3	1.9#
43	0.0	8.9	13.3#

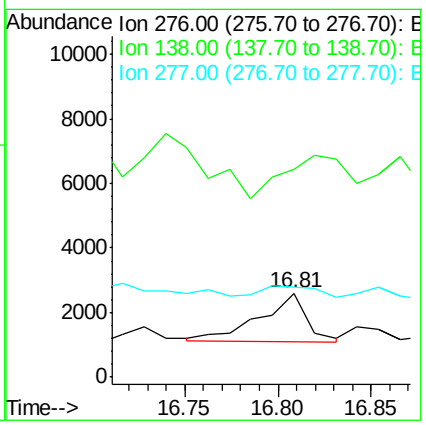


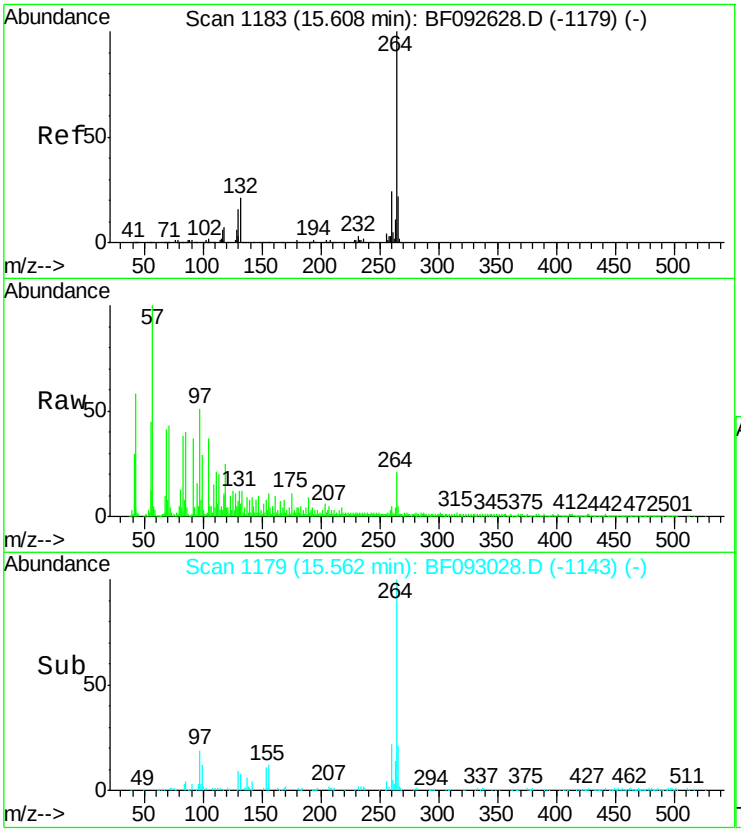


#85
Indeno(1,2,3-cd)pyrene
Concen: 29.18 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:276 Resp: 2713

Ion	Ratio	Lower	Upper
276	100		
138	117.0	21.8	32.6#
277	0.0	20.2	30.4#



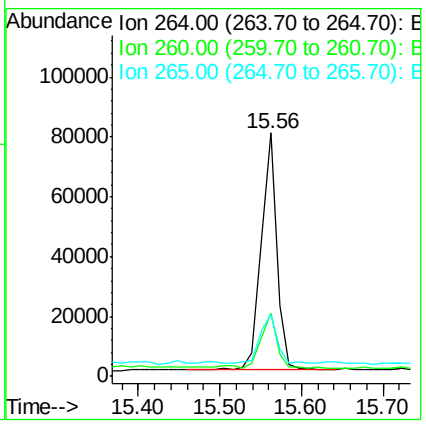


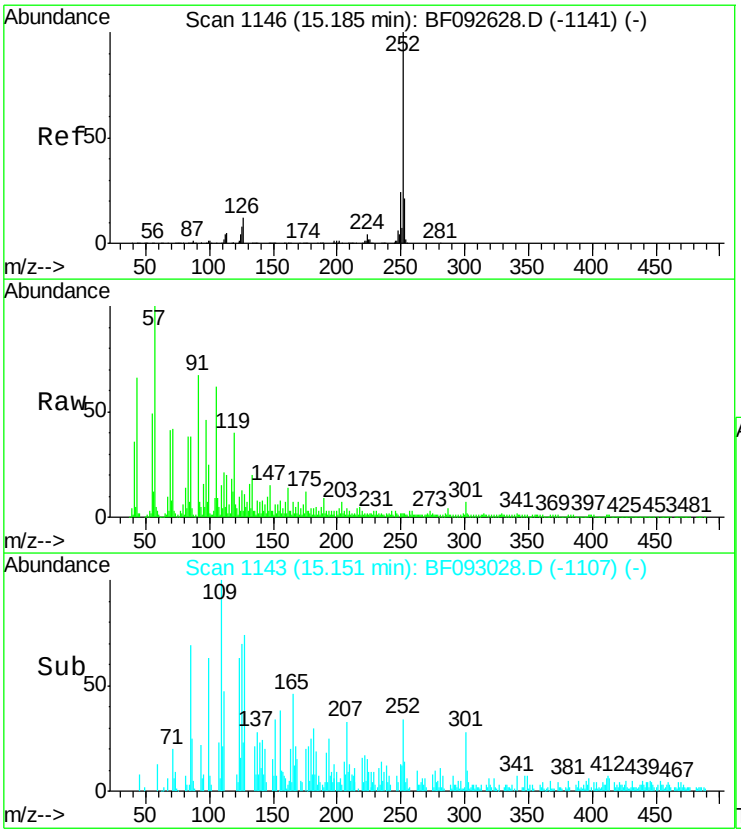
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.11 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:264 Resp: 108342

Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	25.6	17.4	26.0

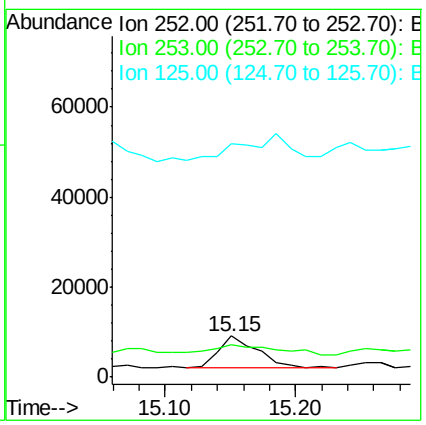


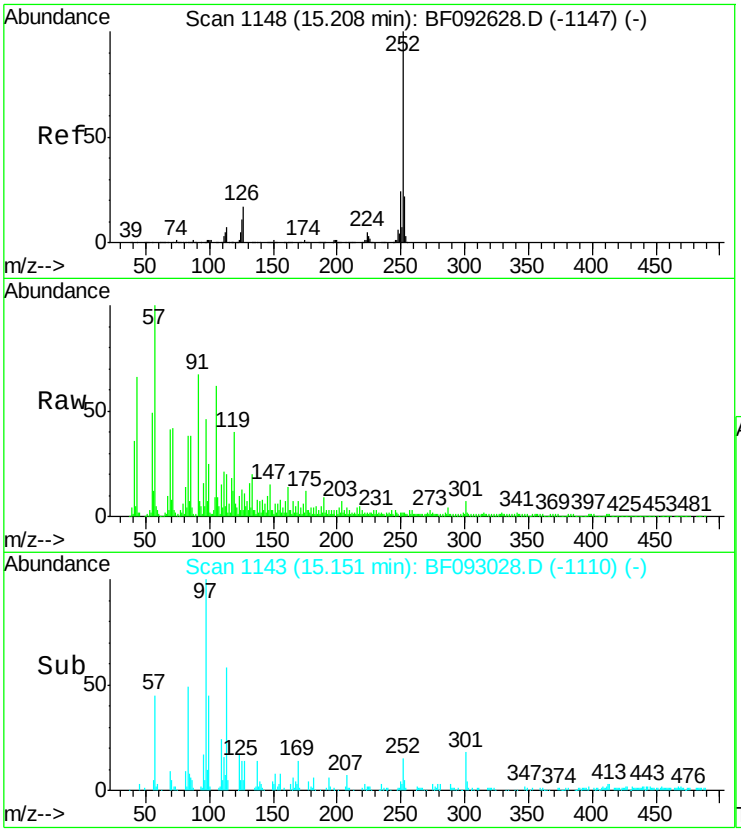


#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.11 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:252 Resp: 15476

Ion	Ratio	Lower	Upper
252	100		
253	79.9	18.2	27.4#
125	570.2	9.8	14.6#



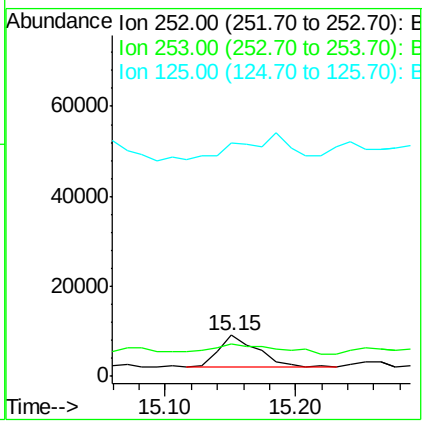


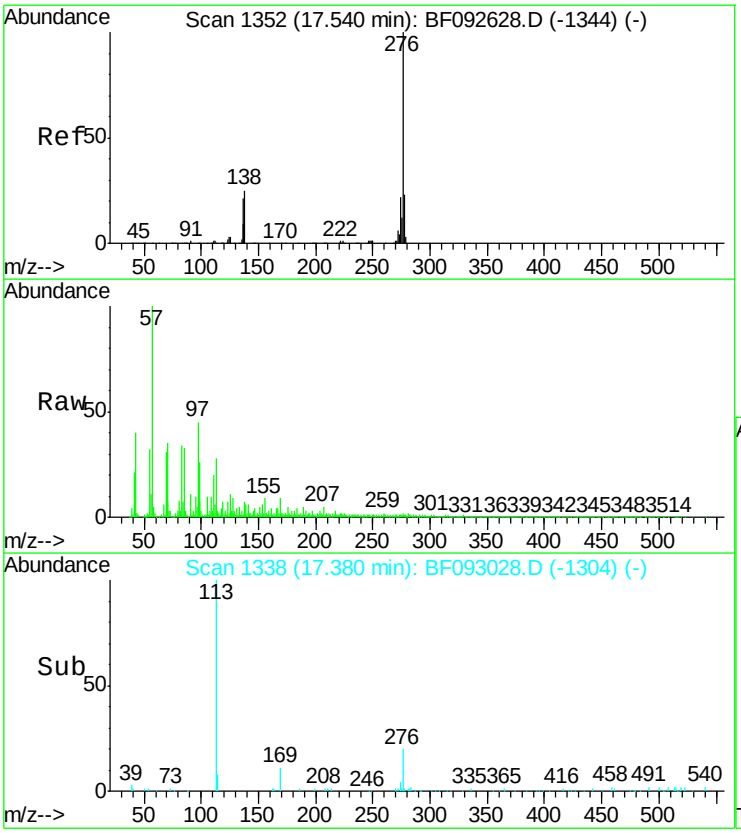
#88
Benzo(k)fluoranthene
Concen: 2.51 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.08 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:252 Resp: 15476

Ion	Ratio	Lower	Upper
252	100		
253	79.9	18.5	27.7#
125	570.2	8.9	13.3#





#91
Benzo(g,h,i)perylene
Concen: 2.39 ng
RT: 17.38 min Scan# 1338
Delta R.T. 0.09 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:276 Resp: 12012

Ion	Ratio	Lower	Upper
276	100		
277	51.8	19.2	28.8#
138	104.6	16.0	24.0#