Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

Quantitation Report (Not Reviewed)

Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-FF9-BASE

Quant Time: Feb 26 23:44:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	142611	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	538592	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	218926	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	336512	20.00	ng		-0.01
75) Chrysene-d12	14.02	240	297528	20.00	ng		0.00
86) Perylene-d12	15.46	264	235896	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	451758	54.35	ng		0.00
7) Phenol-d6	6.49	99	564160	52.75	ng		0.00
23) Nitrobenzene-d5	7.40	82	274458	28.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	104919	66.26	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	566556	46.88	ng		-0.01
78) Terphenyl-d14	12.96	244	752419	59.42	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	7.94	122	2049	7.54	ng	#	18
49) Dimethylphthalate	9.61	163	47236	3.20	ng		98
50) 2,6-Dinitrotoluene	9.88	165	28349	8.90	ng	#	32
51) Acenaphthene	9.92	154	44518	3.48	ng		97
55) 4-Nitrophenol	10.09	139	12597	4.80	ng	#	8
57) Fluorene	10.43	166	48193	3.66	ng		95
64) 4,6-Dinitro-2-methylphenol	10.67	198	214	2.77	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	7344	2.09	ng	#	1
70) Phenanthrene	11.40	178	983433	51.01	ng		97
71) Anthracene	11.45	178	303506	15.68	ng		97
72) Carbazole	11.61	167	110397	5.97	ng		97
74) Fluoranthene	12.59	202	1598784	80.40	ng		99
77) Pyrene	12.82	202	1676448	75.29	ng		100
80) Benzo(a)anthracene	14.01	228	1017254	55.90	ng		98
82) Chrysene	14.04	228	738386	43.34	ng		97
85) Indeno(1,2,3-cd)pyrene	16.88	276	361816	27.42	ng		96
87) Benzo(b)fluoranthene	15.05	252	1167875	75.22	ng		97
88) Benzo(k)fluoranthene	15.05	252	1167875	87.12	ng	#	96
89) Benzo(a)pyrene	15.40	252	639093	47.58	ng		98
90) Dibenzo(a,h)anthracene	16.88	278	76725	7.07	ng	#	76
91) Benzo(g,h,i)perylene	17.31	276	348762	31.80	ng	#	94

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

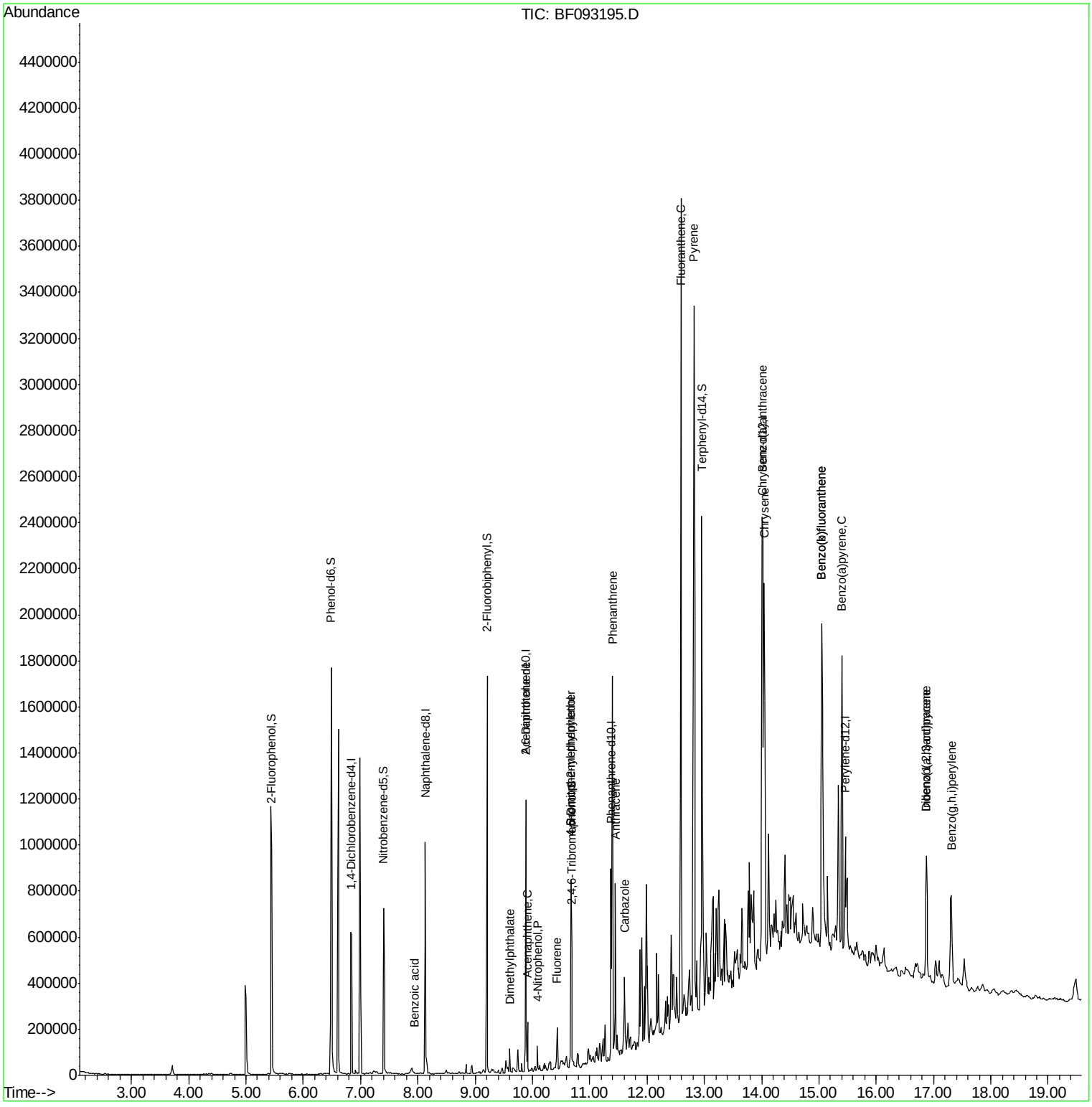
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

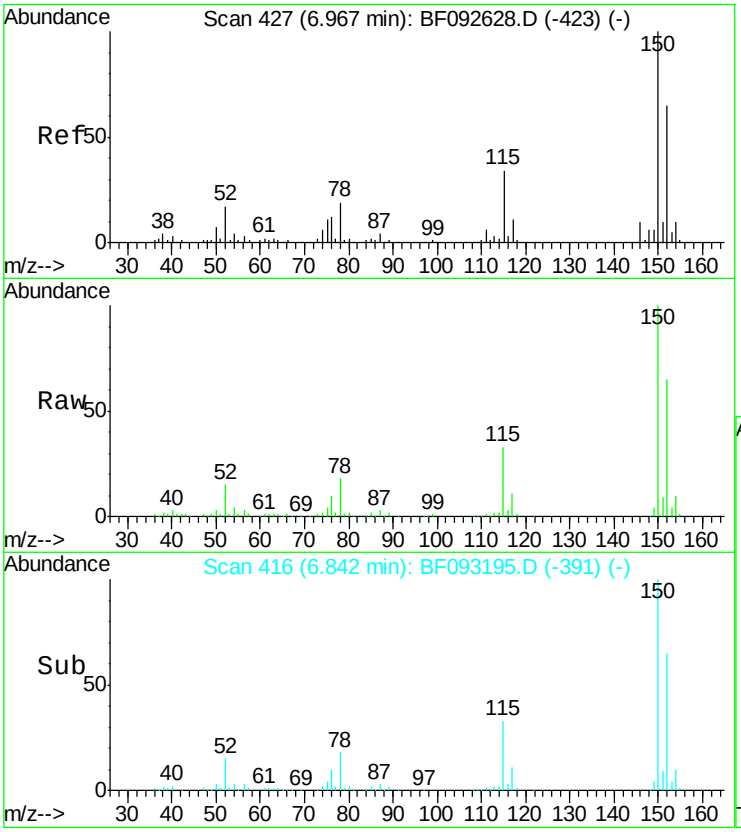
Quantitation Report (Not Reviewed)

Data File : BF093195.D
Acq On : 25 Feb 2017 16:21
Operator : SJ/MA
Sample : I1973-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Quant Time: Feb 26 23:44:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



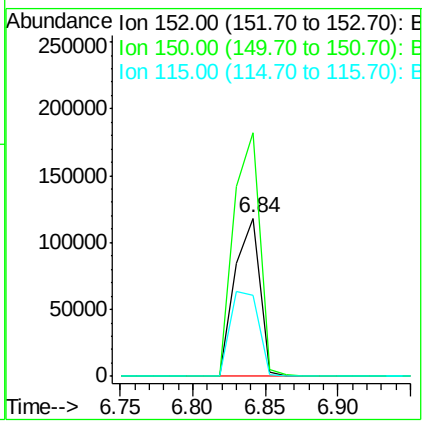


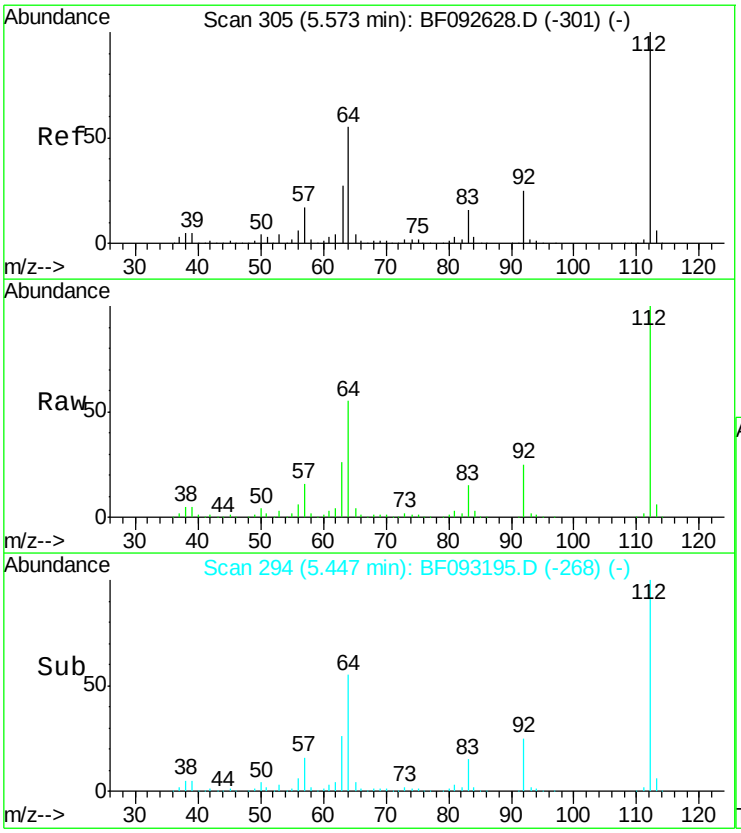
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:152 Resp: 142611

Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.9	187.3
115	51.4	46.0	69.0

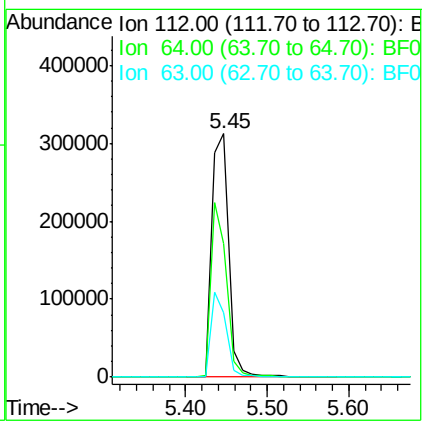


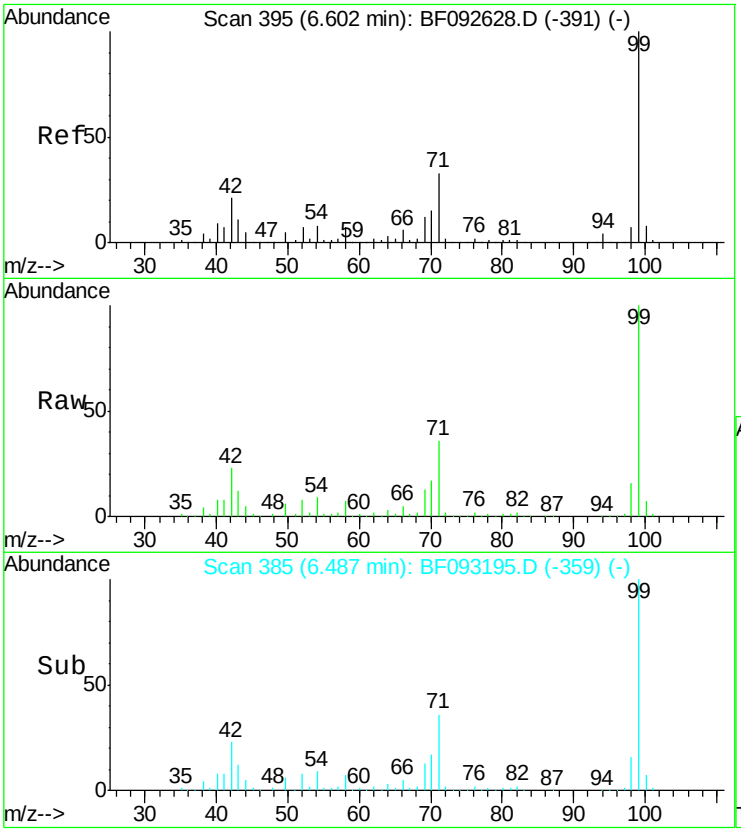


#5
2-Fluorophenol
Concen: 54.35 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:112 Resp: 451758

Ion	Ratio	Lower	Upper
112	100		
64	54.6	46.1	69.1
63	26.3	23.8	35.6



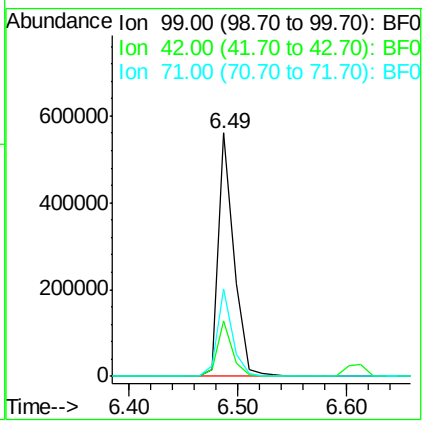


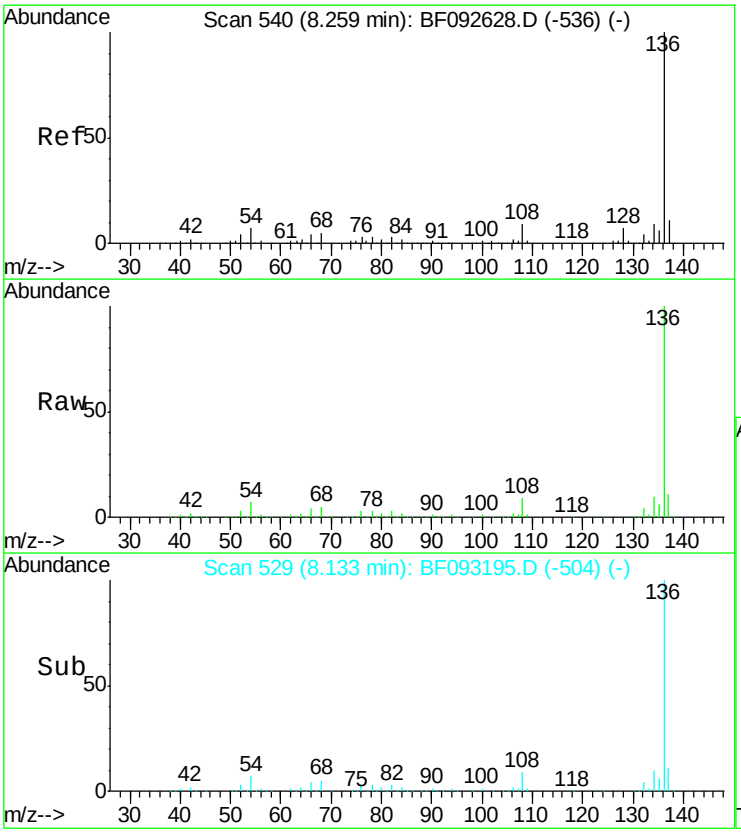
#7
Phenol-d6
Concen: 52.75 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion: 99 Resp: 564160

Ion	Ratio	Lower	Upper
99	100		
42	22.8	15.6	23.4
71	35.9	27.5	41.3

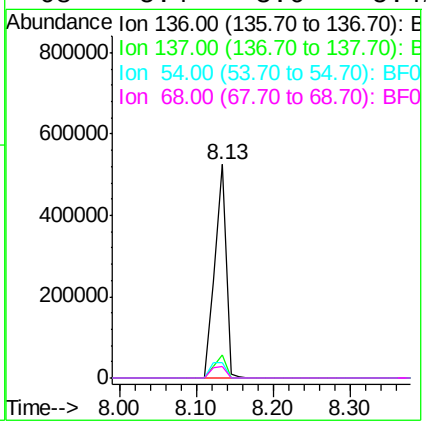


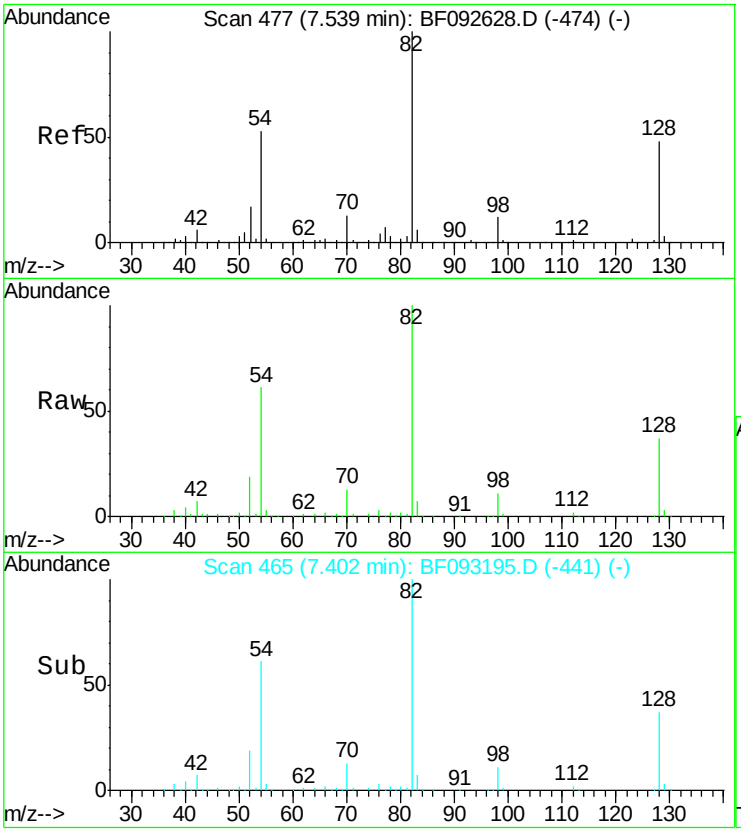


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:136 Resp: 538592

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	7.3	4.5	6.7#
68	5.4	3.6	5.4#



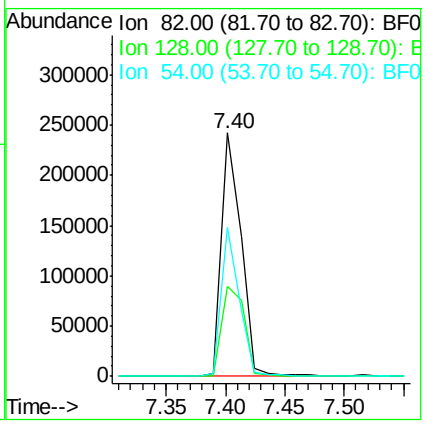


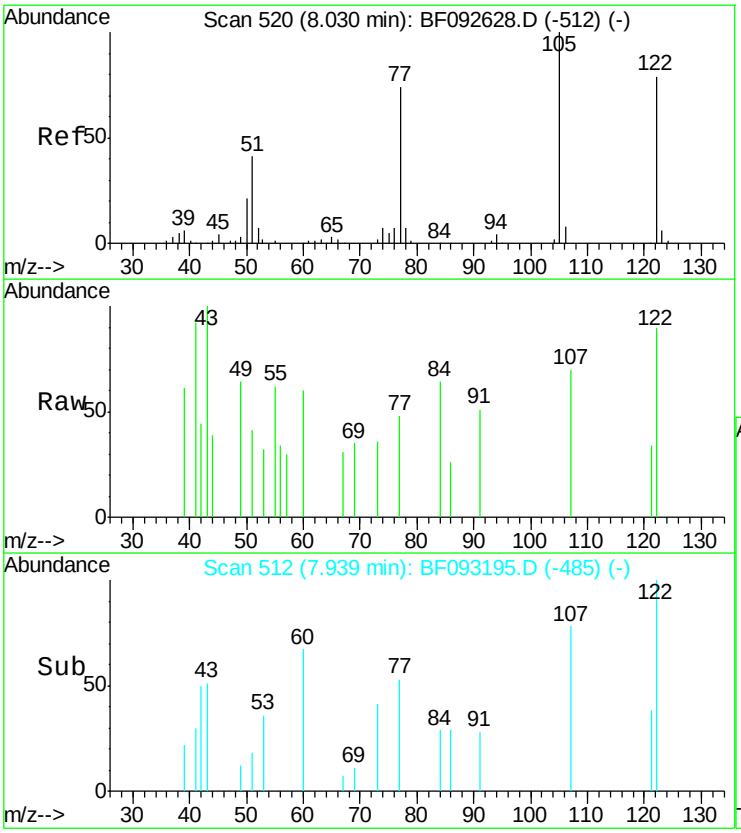
#23
Nitrobenzene-d5
Concen: 28.38 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion: 82 Resp: 274458

Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.6	52.0
54	61.2	39.5	59.3#

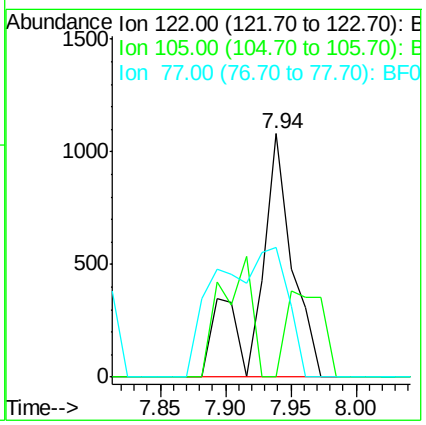


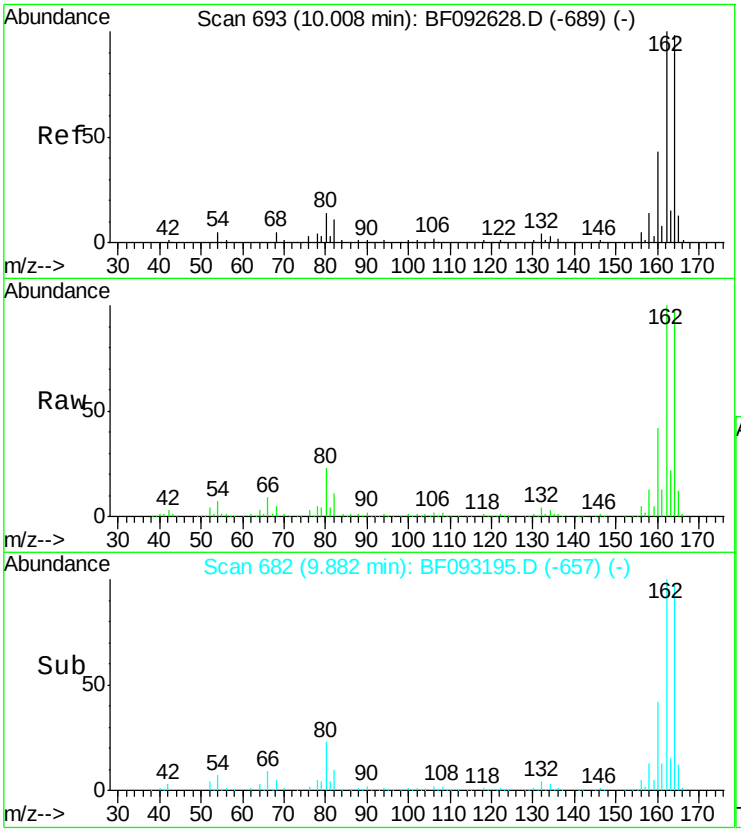


#32
Benzoic acid
Concen: 7.54 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:122 Resp: 2049

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	53.5	74.5	114.5#



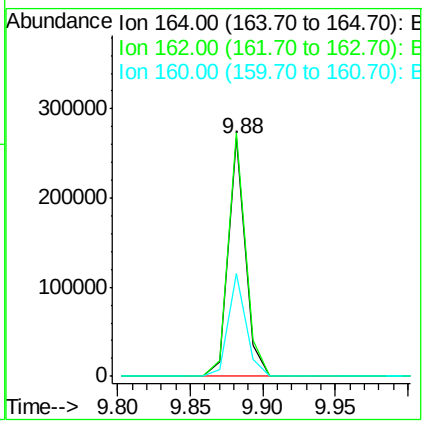


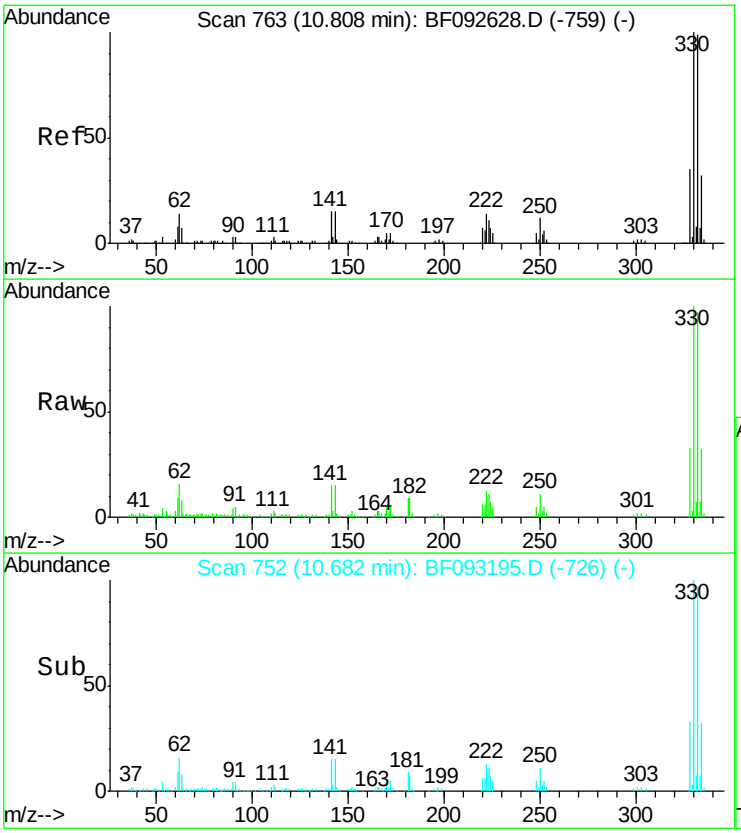
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:164 Resp: 218926

Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.2	120.2
160	43.2	36.9	55.3

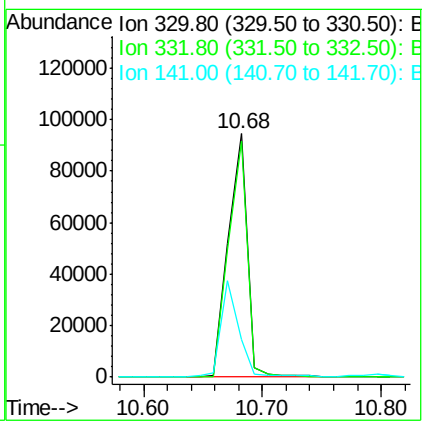


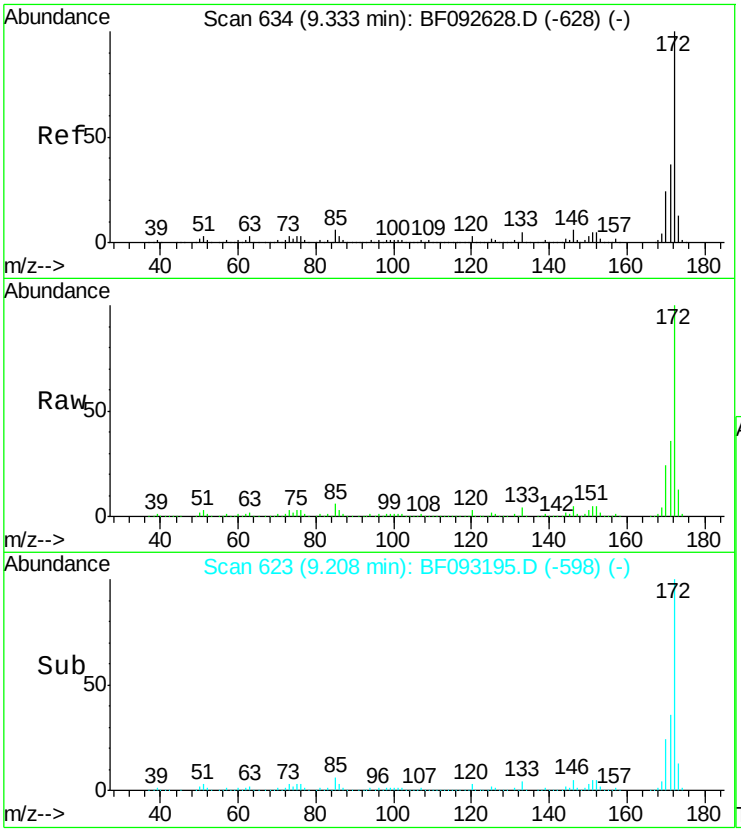


#41
2,4,6-Tribromophenol
Concen: 66.26 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:330 Resp: 104919

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.4	116.2
141	37.9	34.1	51.1



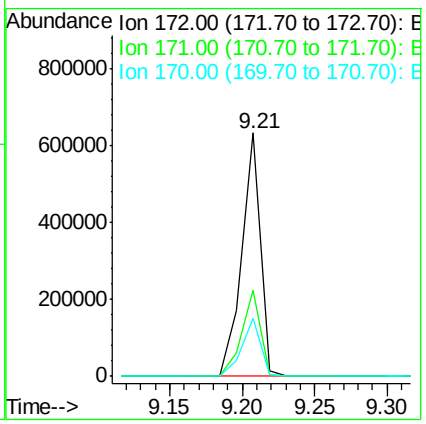


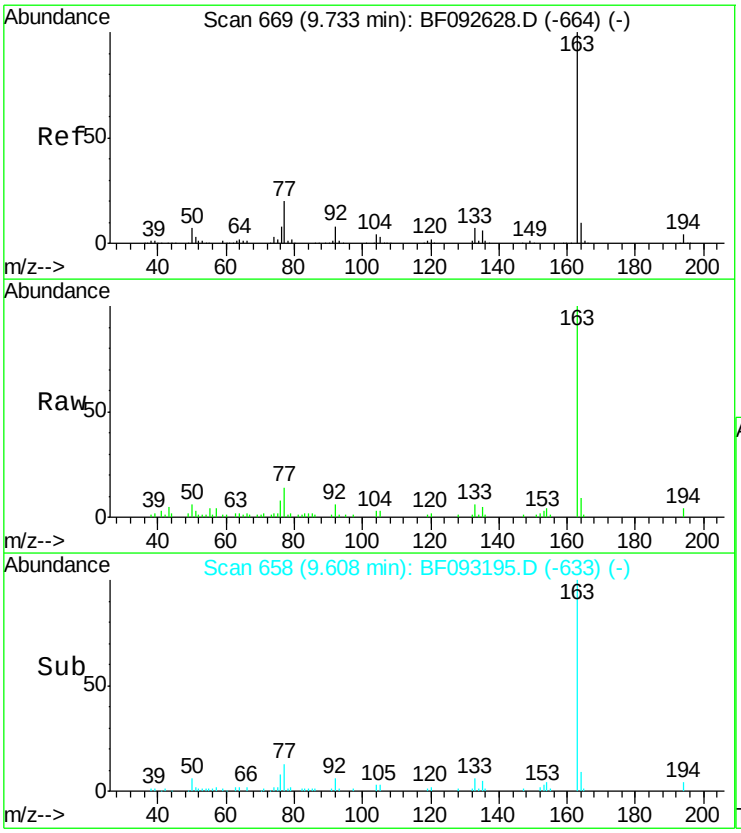
#44
2-Fluorobiphenyl
Concen: 46.88 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:172 Resp: 566556

Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.4	44.0
170	24.0	20.2	30.4

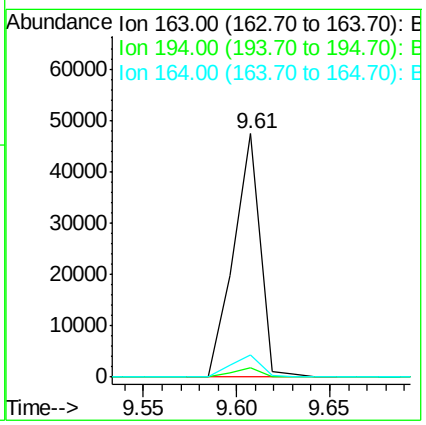


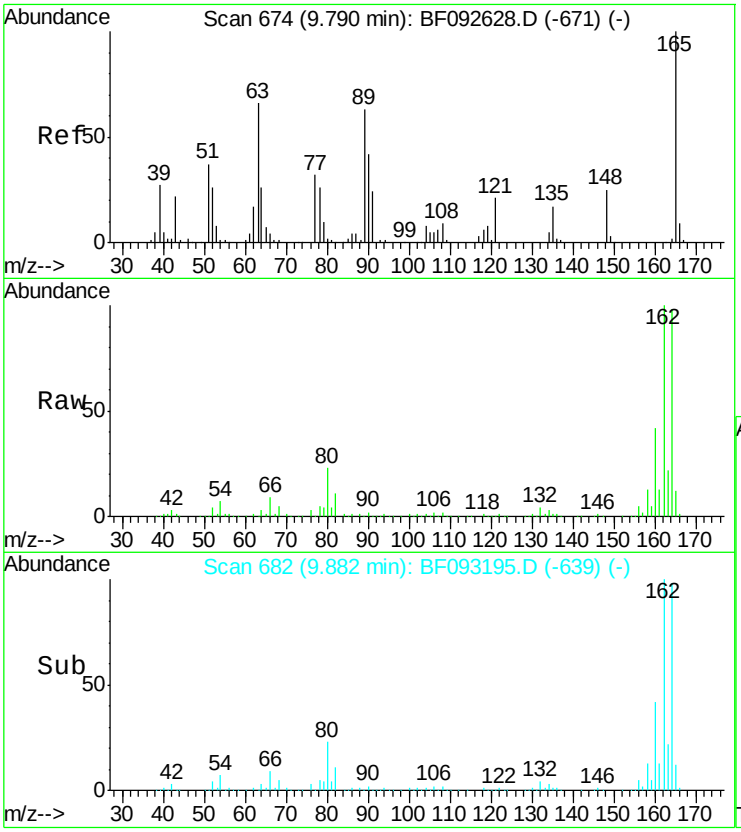


#49
Dimethylphthalate
Concen: 3.20 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:163 Resp: 47236

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.2	8.0	12.0



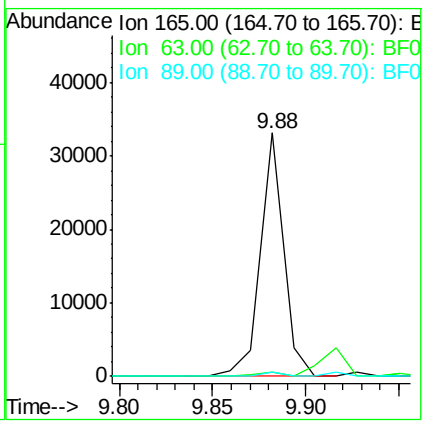


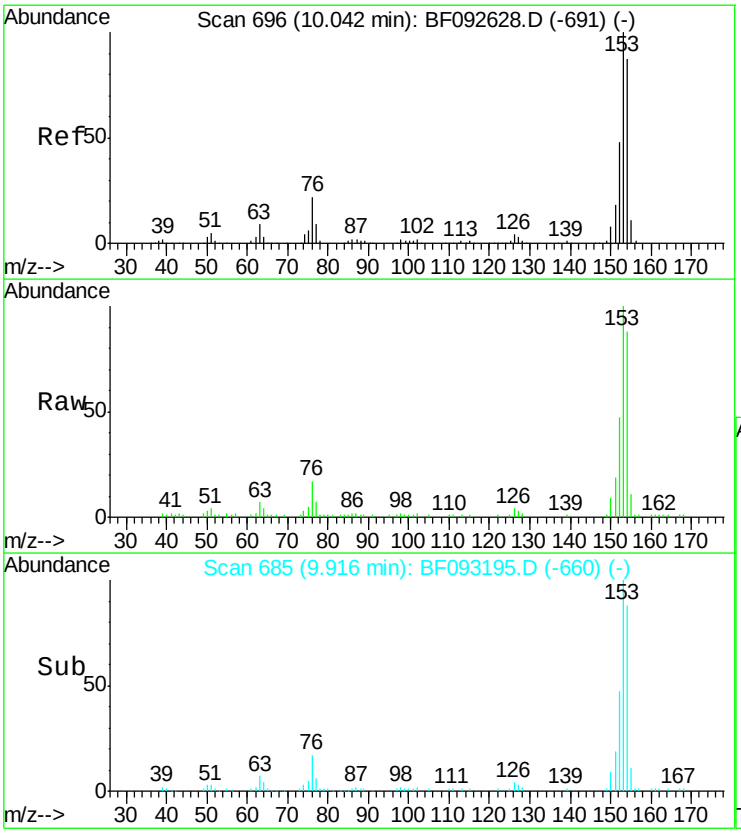
#50
2,6-Dinitrotoluene
Concen: 8.90 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.19 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:165 Resp: 28349

Ion	Ratio	Lower	Upper
165	100		
63	2.0	36.2	54.4#
89	1.8	40.2	60.4#

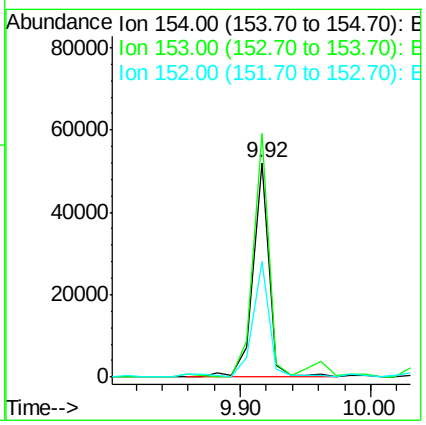


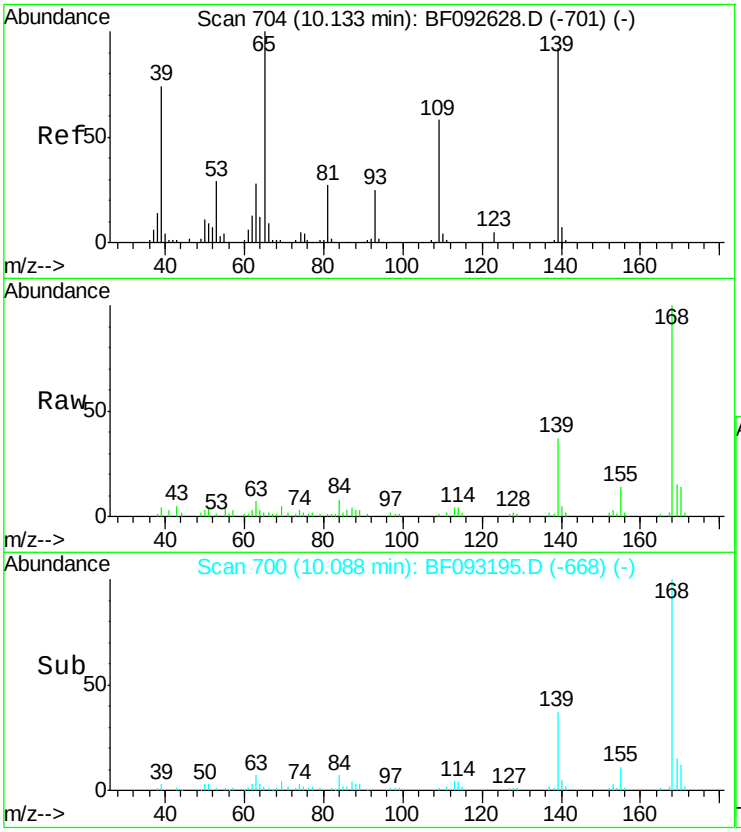


#51
Acenaphthene
Concen: 3.48 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:154 Resp: 44518

Ion	Ratio	Lower	Upper
154	100		
153	113.7	88.6	133.0
152	53.8	41.6	62.4



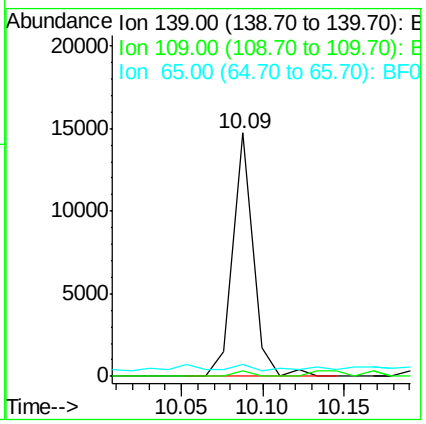


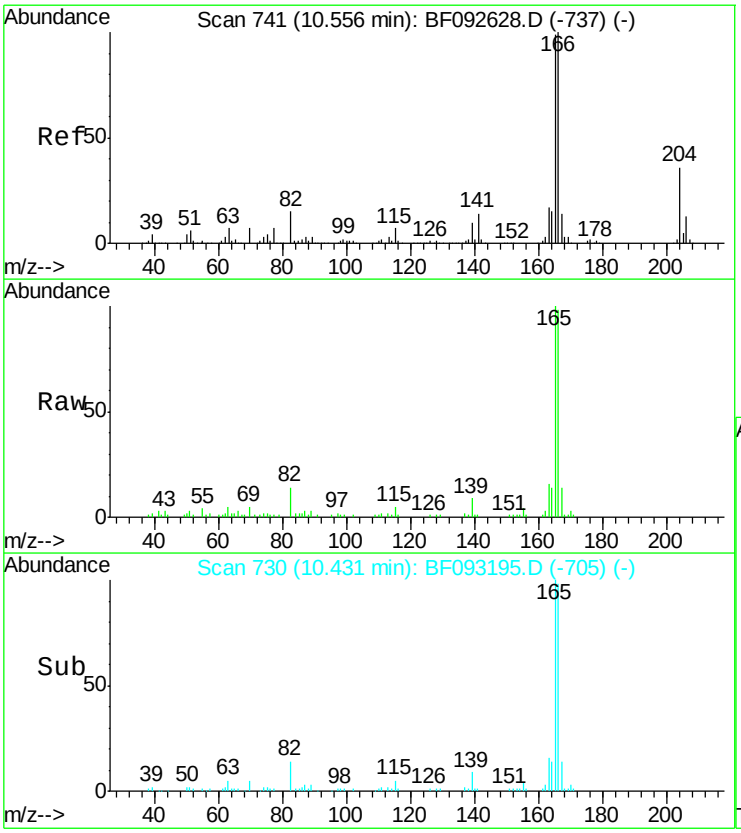
#55
4-Nitrophenol
Concen: 4.80 ng
RT: 10.09 min Scan# 700
Delta R.T. 0.07 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:139 Resp: 12597

Ion	Ratio	Lower	Upper
139	100		
109	2.2	52.2	92.2#
65	5.1	85.8	125.8#

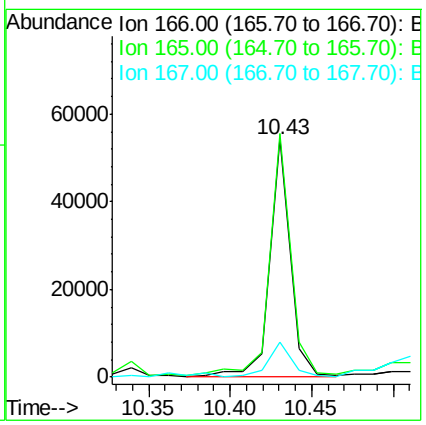


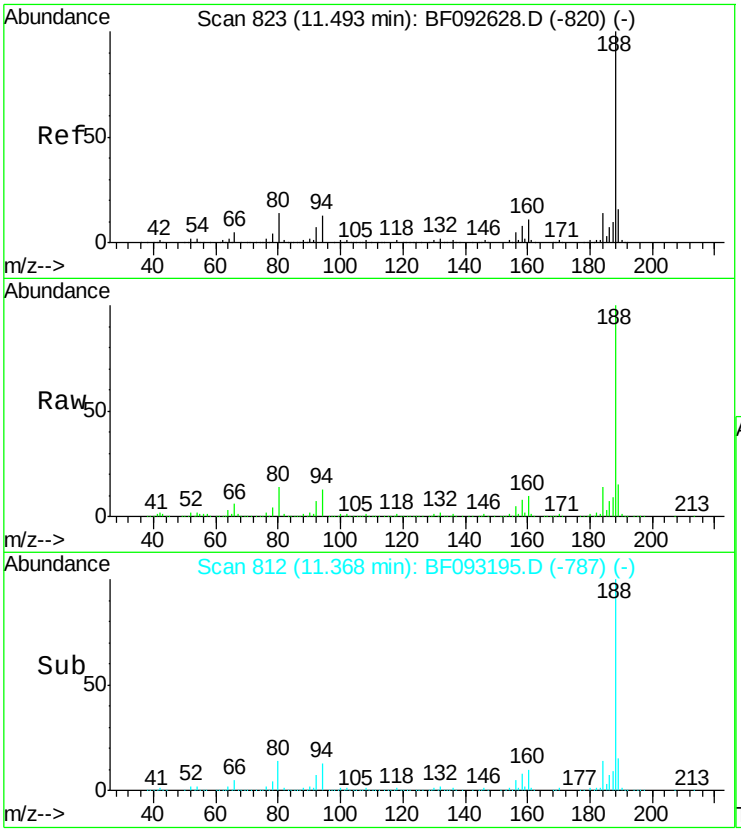


#57
Fluorene
Concen: 3.66 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:166 Resp: 48193

Ion	Ratio	Lower	Upper
166	100		
165	102.1	77.8	116.8
167	14.5	10.8	16.2



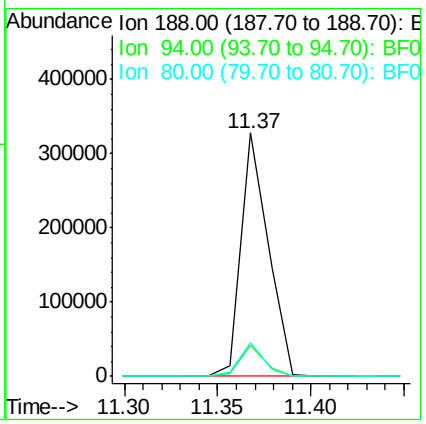


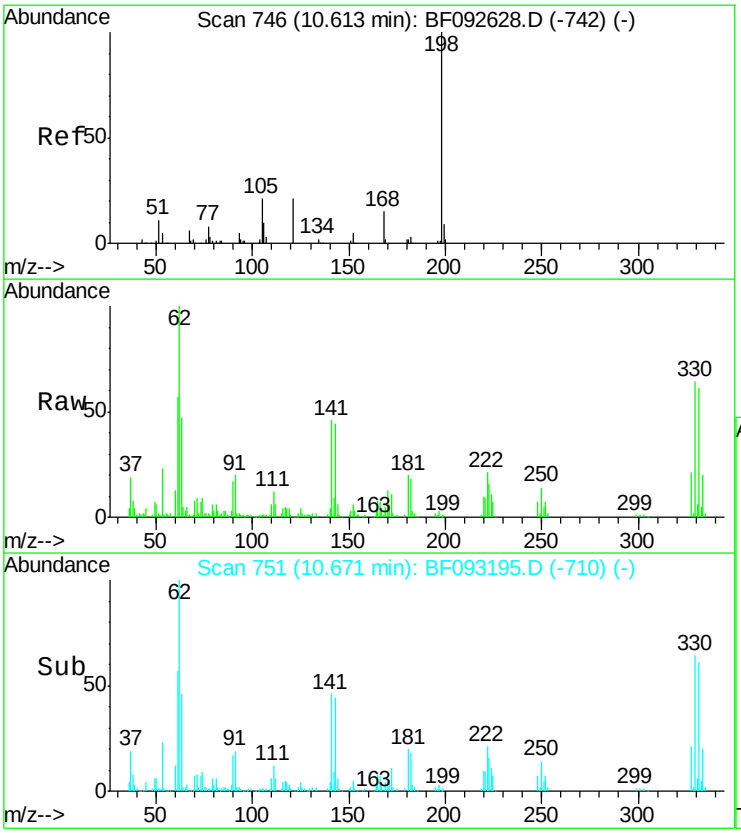
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:188 Resp: 336512

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	13.9	11.2	16.8

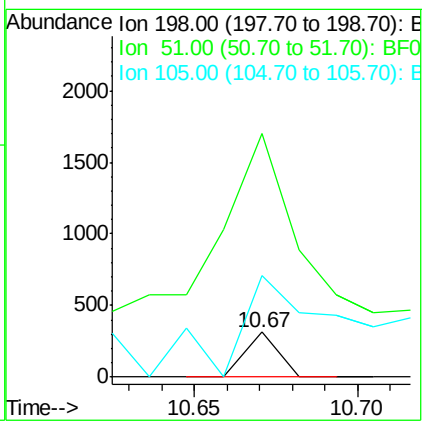


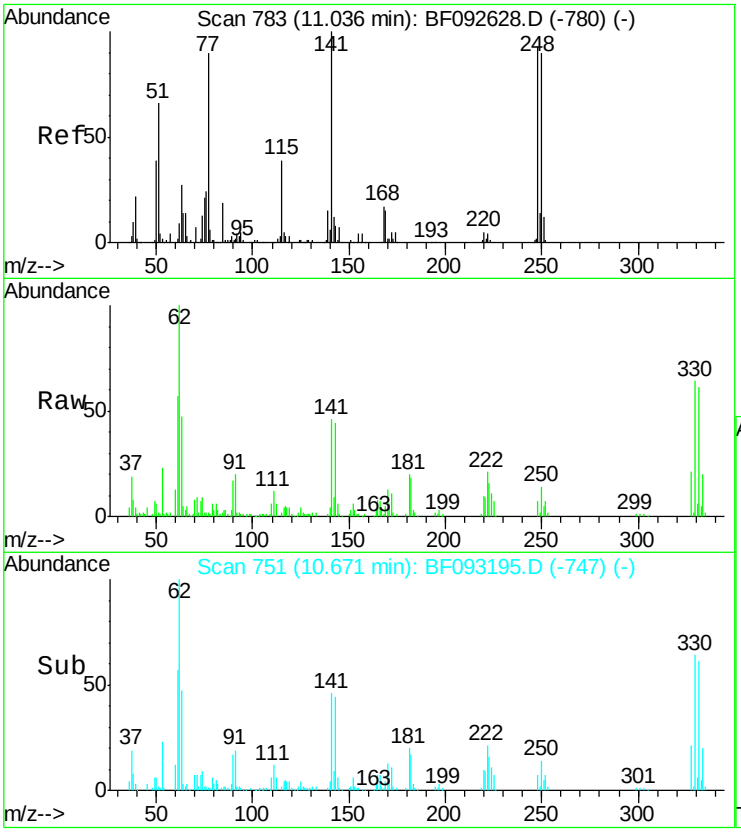


#64
4,6-Dinitro-2-methylphenol
Concen: 2.77 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:198 Resp: 214

Ion	Ratio	Lower	Upper
198	100		
51	545.2	6.7	46.7#
105	226.0	16.6	56.6#



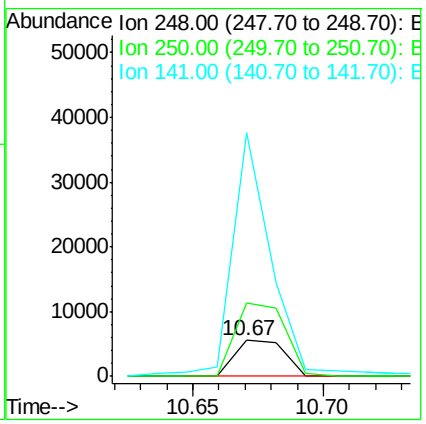


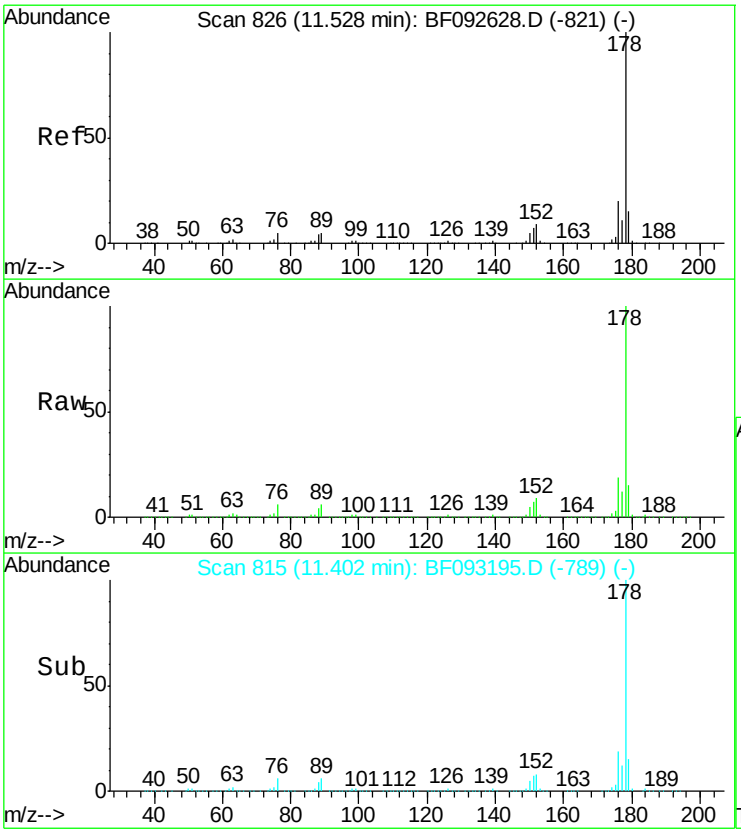
#66
4-Bromophenyl-phenylether
Concen: 2.09 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:248 Resp: 7344

Ion	Ratio	Lower	Upper
248	100		
250	203.9	76.9	115.3#
141	676.3	68.2	102.4#

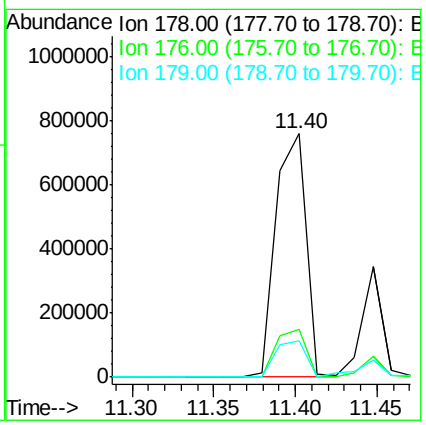


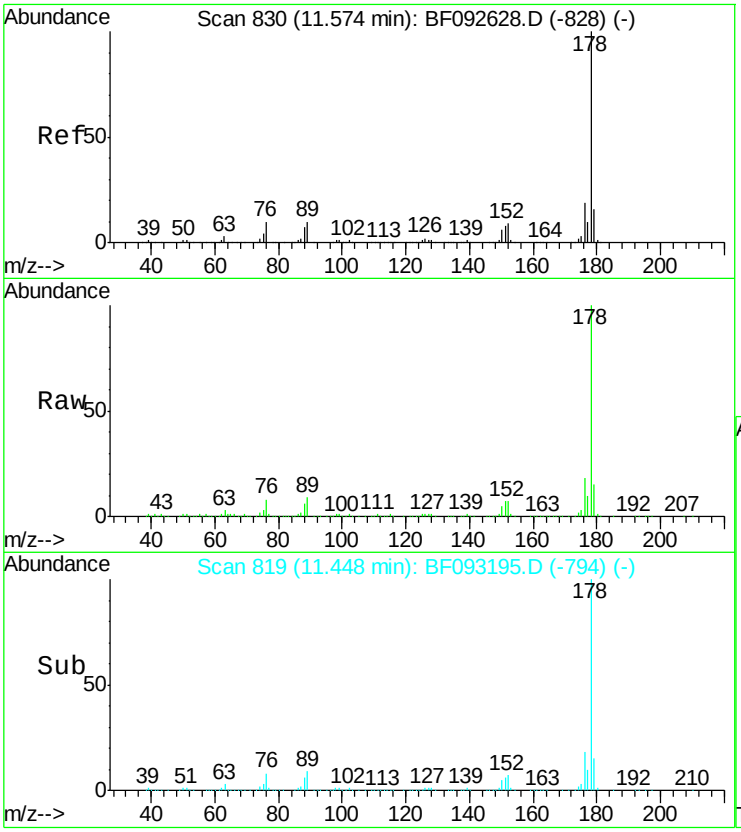


#70
Phenanthrene
Concen: 51.01 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:178 Resp: 983433

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.1	12.8	19.2



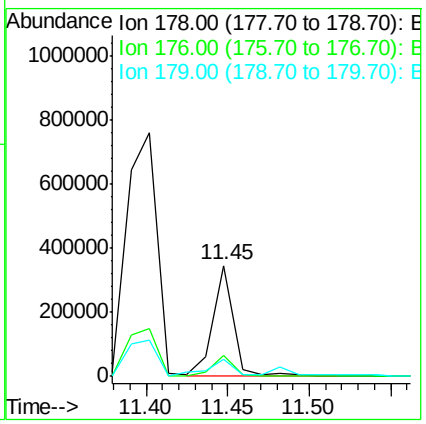


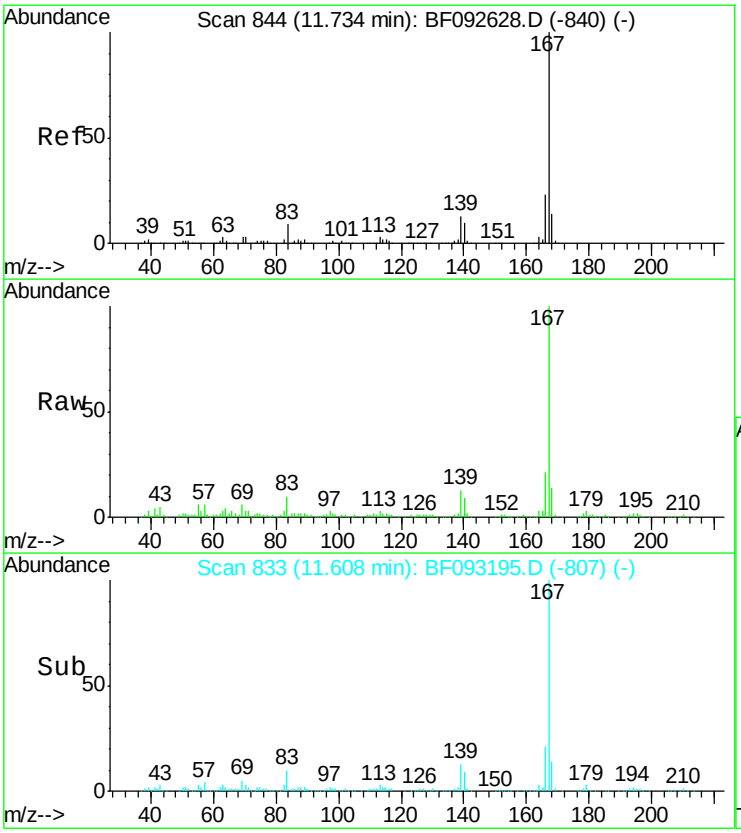
#71
Anthracene
Concen: 15.68 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:178 Resp: 303506

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.9	23.9
179	15.3	13.2	19.8

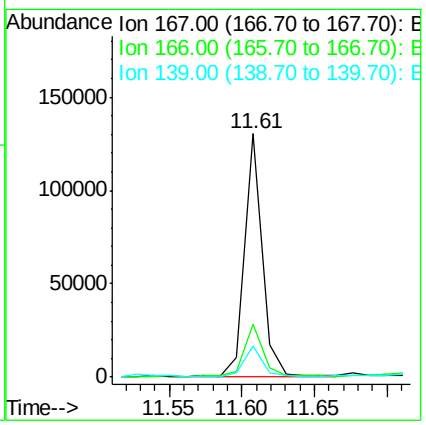


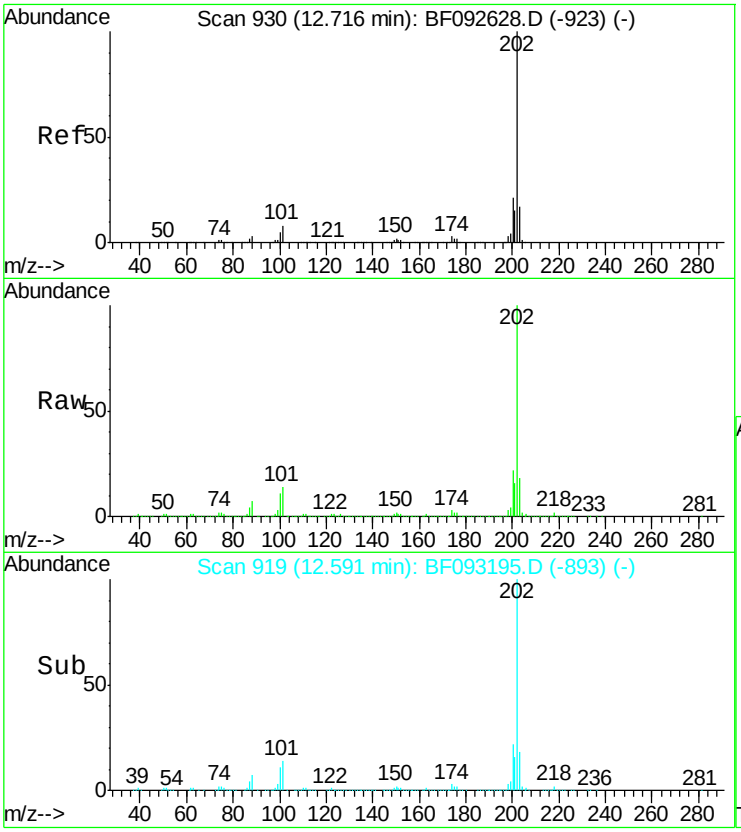


#72
Carbazole
Concen: 5.97 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:167 Resp: 110397

Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.2	27.2
139	12.8	11.4	17.2



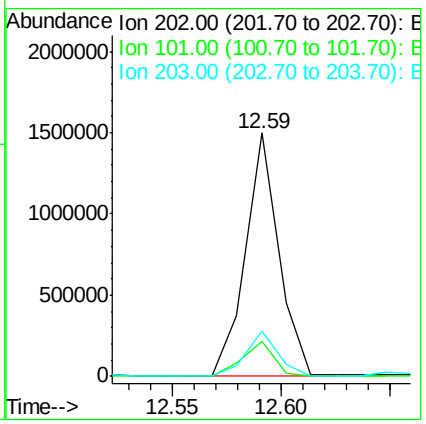


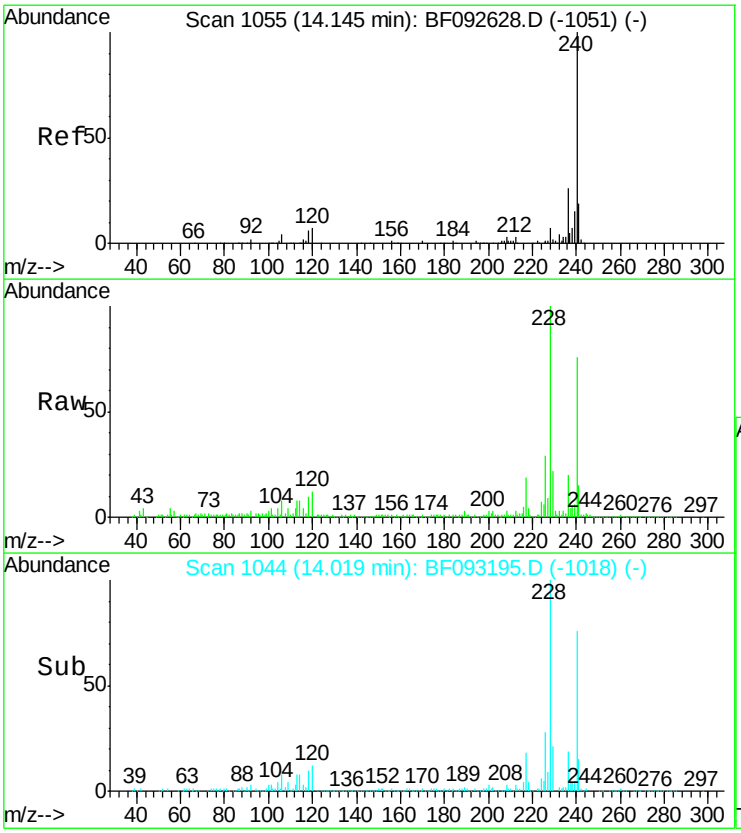
#74
Fluoranthene
Concen: 80.40 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:202 Resp: 1598784

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	34.6
203	18.3	0.0	38.7

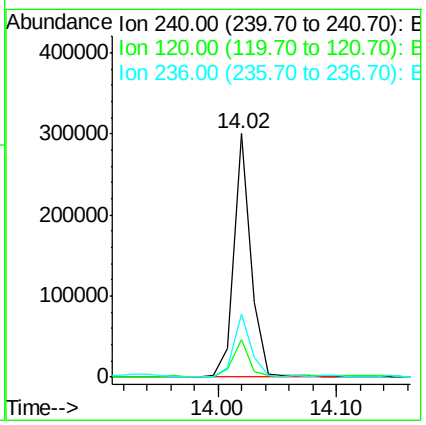


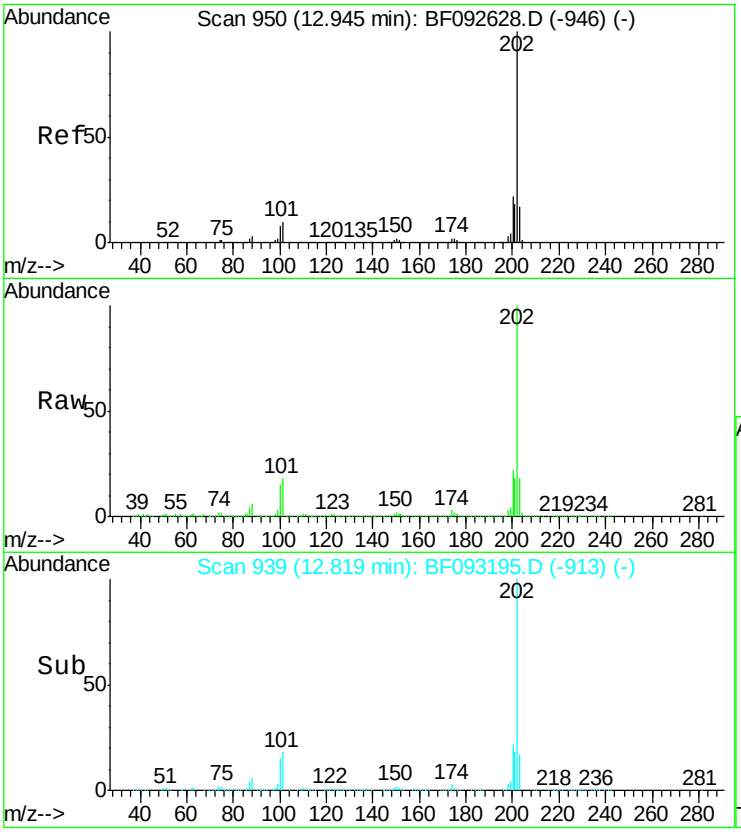


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:240 Resp: 297528

Ion	Ratio	Lower	Upper
240	100		
120	15.6	12.9	19.3
236	26.0	20.9	31.3



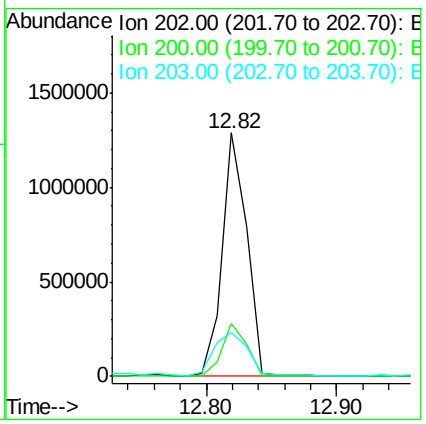


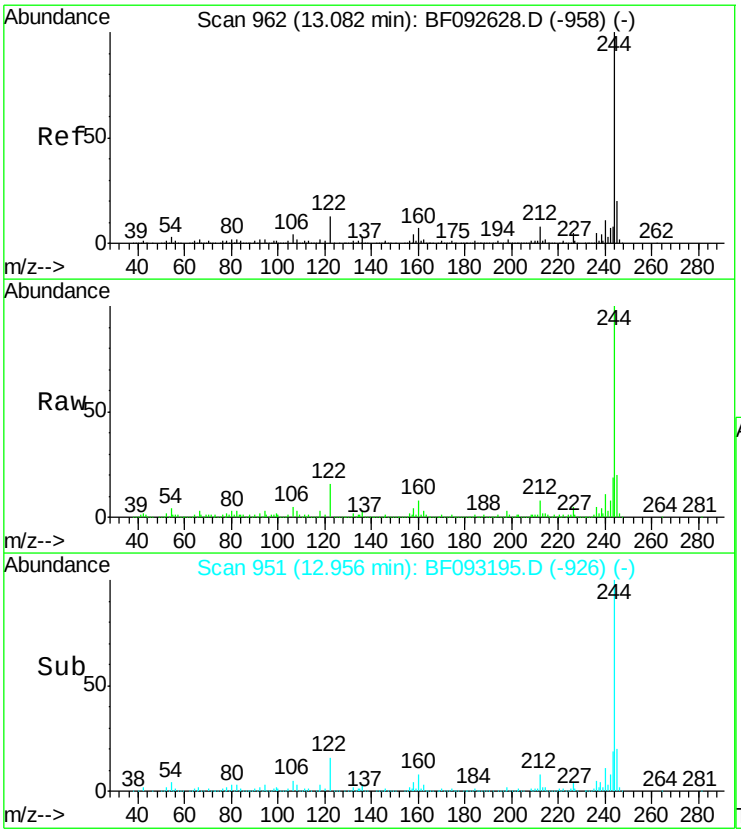
#77
Pyrene
Concen: 75.29 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:202 Resp: 1676448

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.2	14.7	22.1

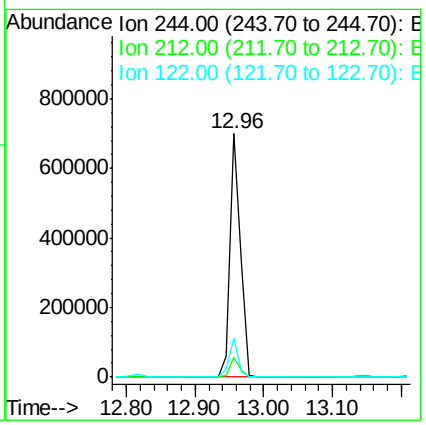


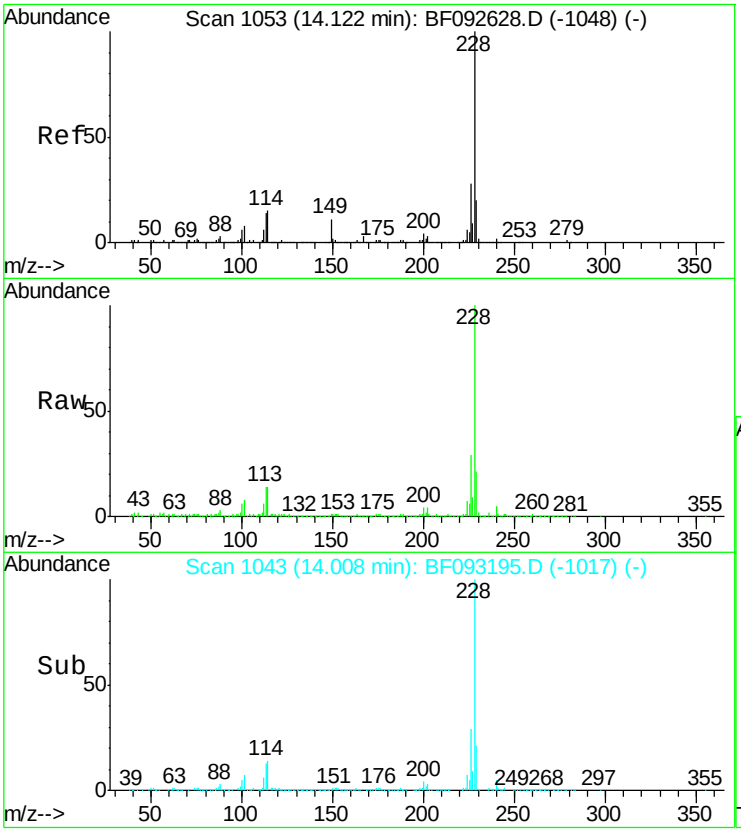


#78
Terphenyl-d14
Concen: 59.42 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:244 Resp: 752419

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	15.9	11.4	17.2



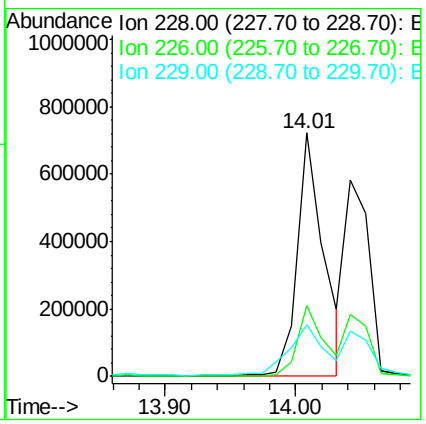


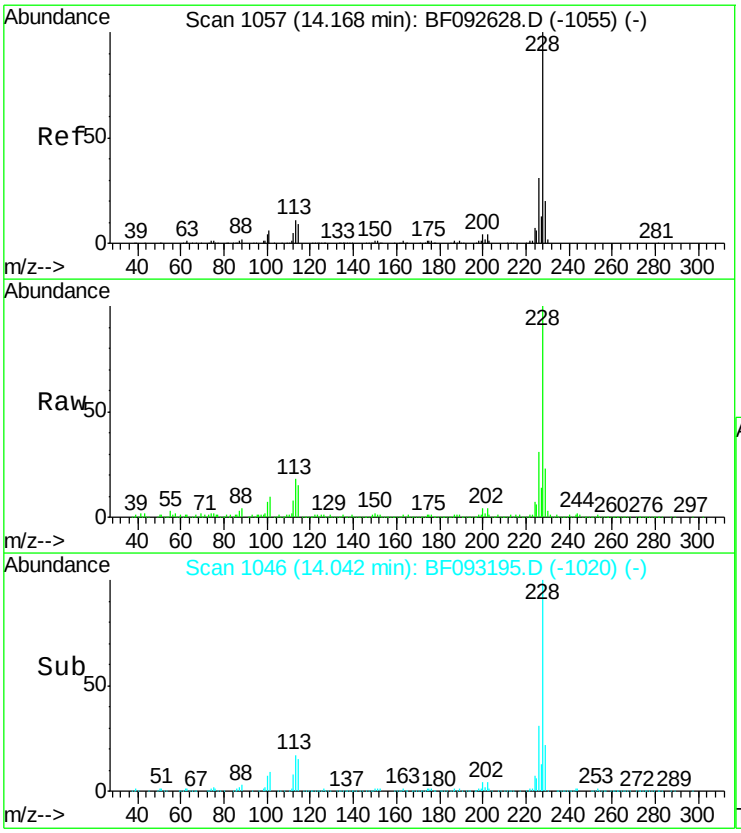
#80
Benzo(a)anthracene
Concen: 55.90 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:228 Resp: 1017254

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	21.3	16.2	24.4

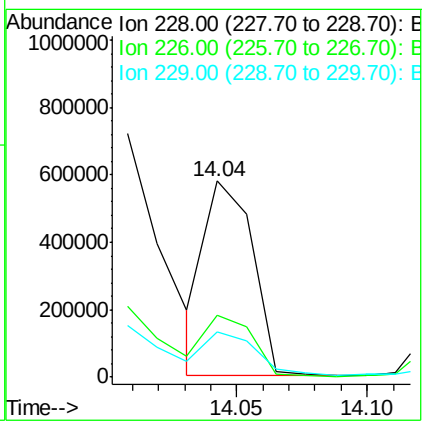


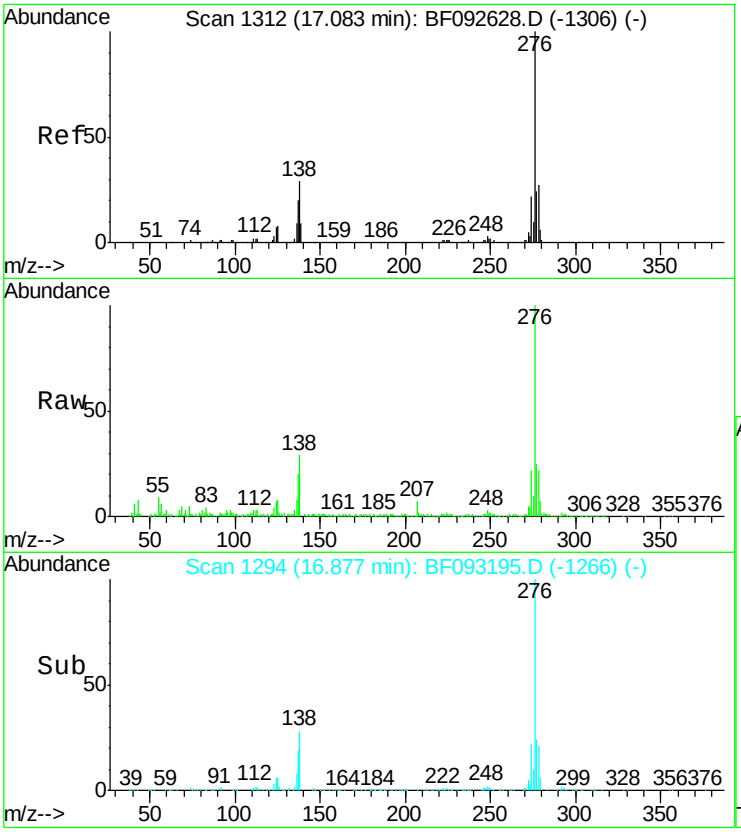


#82
Chrysene
Concen: 43.34 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:228 Resp: 738386

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	22.8	16.2	24.2



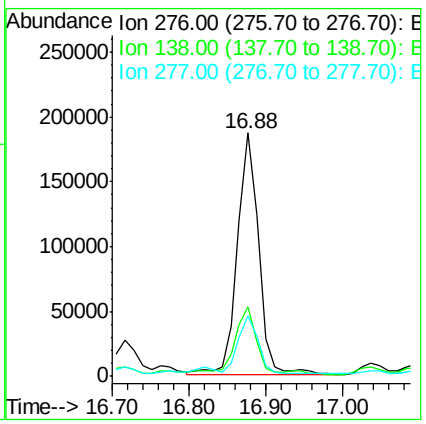


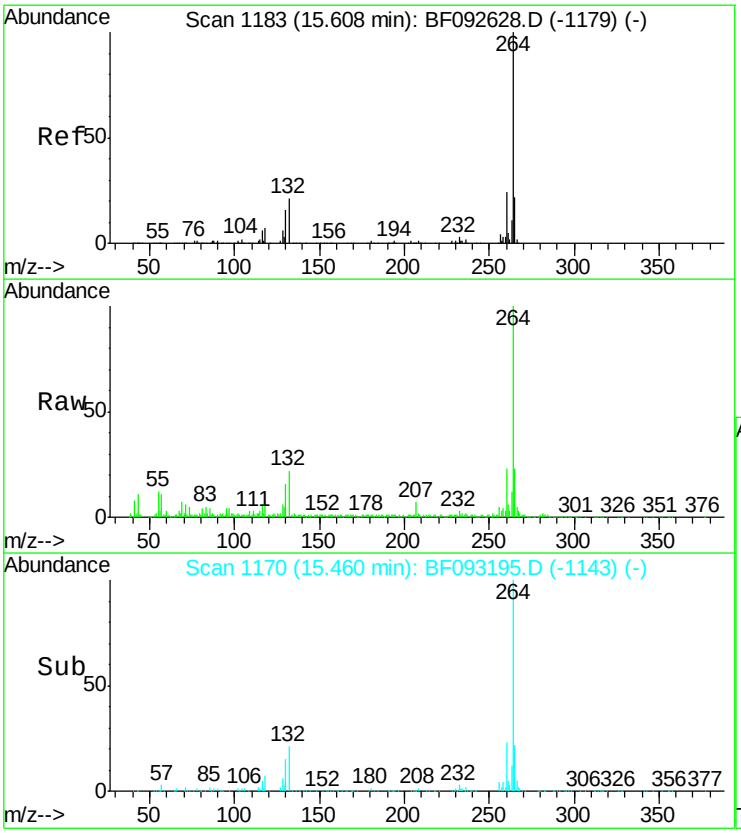
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.42 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.02 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:276 Resp: 361816

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.8	32.6
277	22.1	20.2	30.4

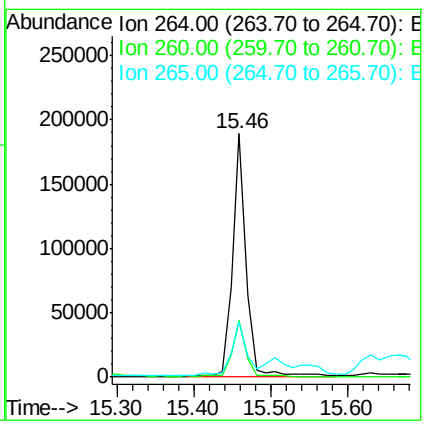


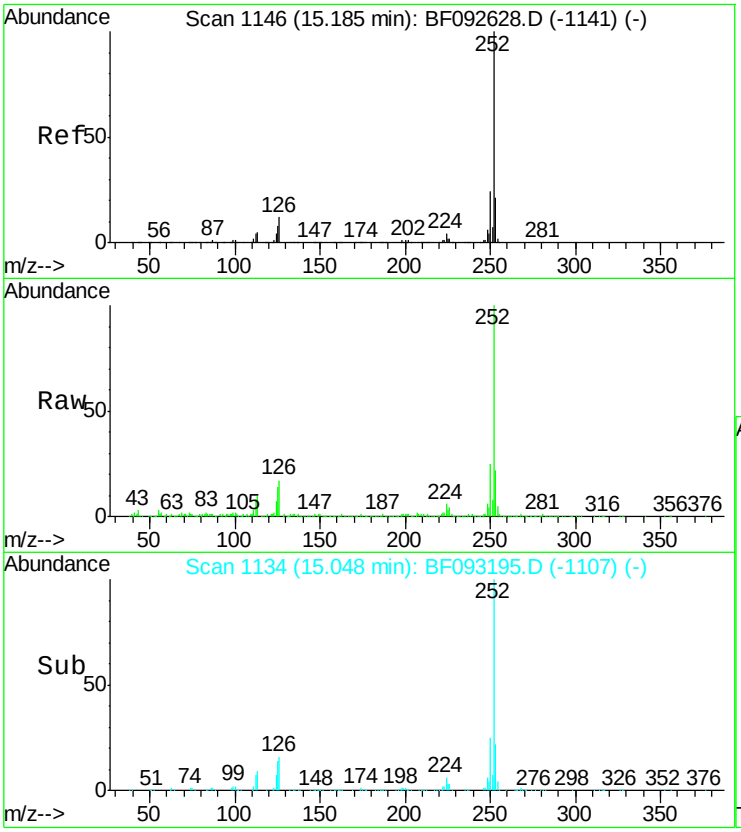


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:264 Resp: 235896

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	23.0	17.4	26.0



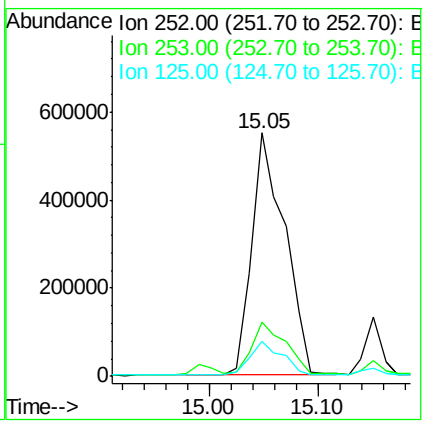


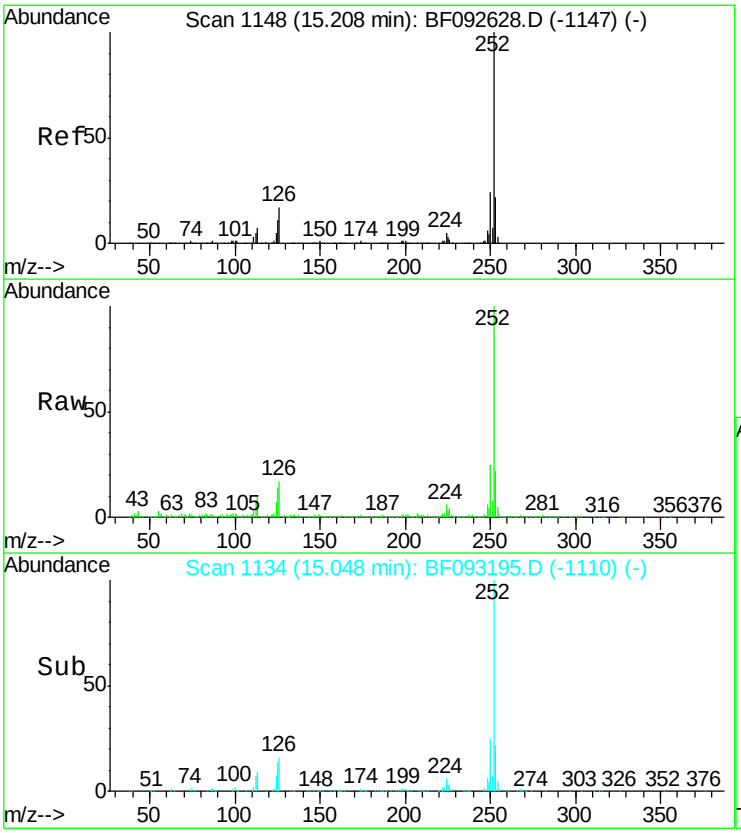
#87
Benzo(b)fluoranthene
Concen: 75.22 ng
RT: 15.05 min Scan# 1134
Delta R.T. 0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:252 Resp: 1167875

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.5	9.8	14.6

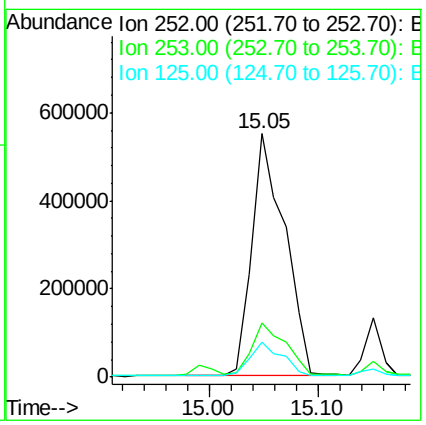


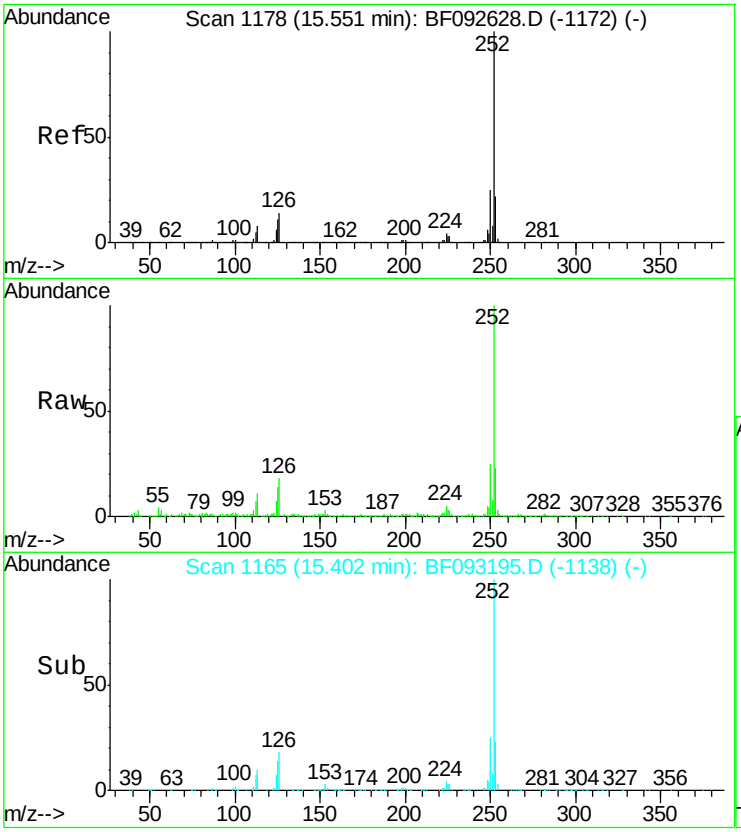


#88
Benzo(k)fluoranthene
Concen: 87.12 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:252 Resp: 1167875

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	14.5	8.9	13.3#



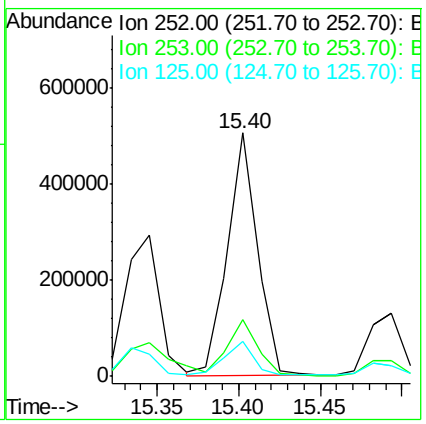


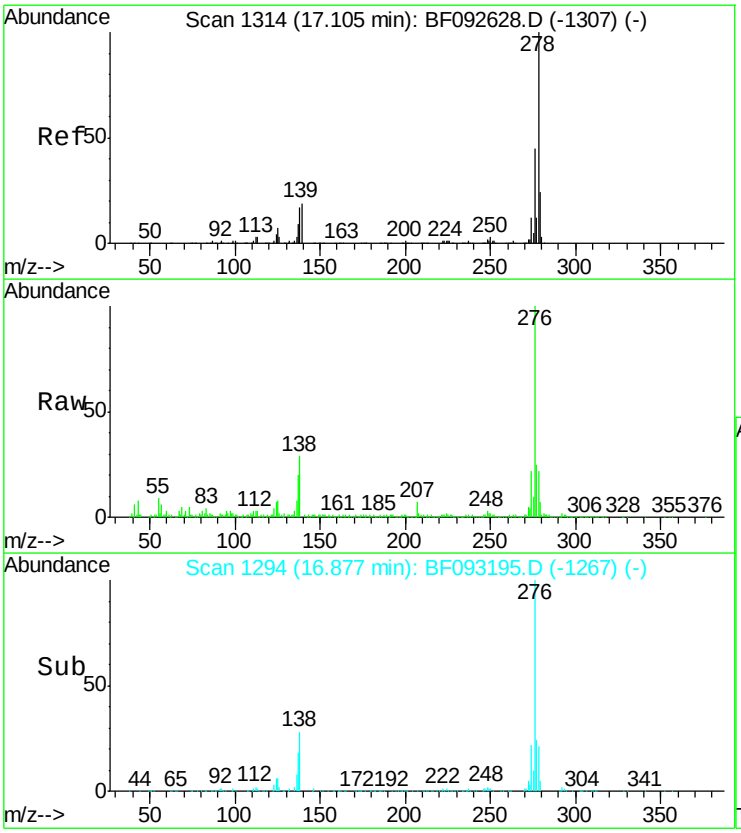
#89
Benzo(a)pyrene
Concen: 47.58 ng
RT: 15.40 min Scan# 1165
Delta R.T. 0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:252 Resp: 639093

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	14.2	10.0	15.0

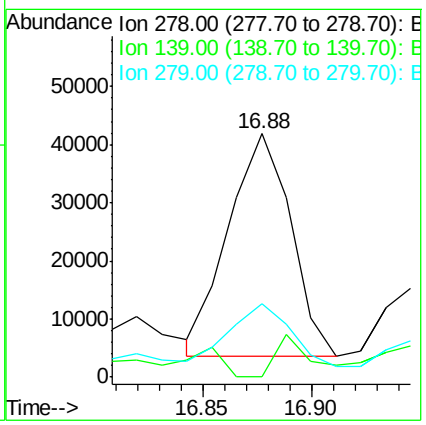


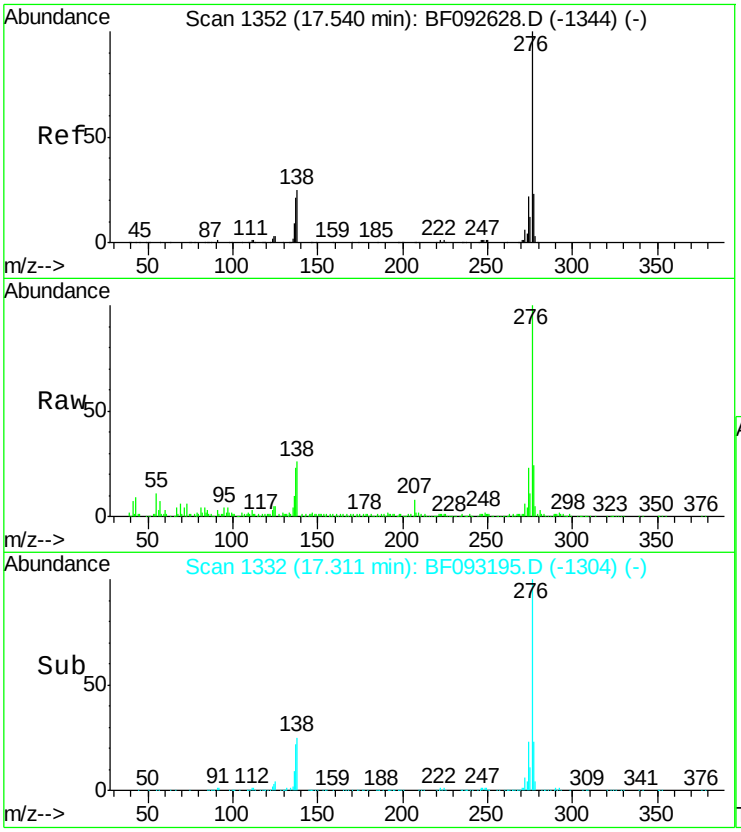


#90
Dibenzo(a,h)anthracene
Concen: 7.07 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Tgt Ion:278 Resp: 76725

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.8	22.2#
279	30.1	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 31.80 ng
RT: 17.31 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF093195.D
Acq: 25 Feb 2017 16:21

Instrument :
BNA_F
ClientSampleId :
E2-FF9-BASE

Tgt Ion:276 Resp: 348762

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	26.1	16.0	24.0#