Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

Quantitation Report (Not Reviewed)

Data File : BF093275.D
Acq On : 1 Mar 2017 5:58
Operator : SJ/MA
Sample : I1972-11DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-BASE-3DL

Quant Time: Mar 01 06:44:40 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	127499	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	491718	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	205815	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	340783	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	269195	20.00	ng		-0.03
86) Perylene-d12	15.40	264	216368	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	215215	28.96	ng		-0.03
7) Phenol-d6	6.46	99	274775	28.74	ng		-0.02
23) Nitrobenzene-d5	7.38	82	166376	18.84	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	35840	24.08	ng		-0.05
44) 2-Fluorobiphenyl	9.17	172	279194	24.58	ng		-0.05
78) Terphenyl-d14	12.91	244	201748	17.61	ng		-0.06
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	22470	3.69	ng	#	82
25) Isophorone	7.38	82	148718	9.04	ng	#	65
31) Naphthalene	8.12	128	117683	4.72	ng		97
32) Benzoic acid	7.92	122	1650	7.49	ng		86
37) 2-Methylnaphthalene	8.81	142	38947	2.43	ng		99
48) Acenaphthylene	9.71	152	214632	10.66	ng		96
50) 2,6-Dinitrotoluene	9.85	165	27732	9.26	ng	#	32
55) 4-Nitrophenol	10.05	139	9530	3.86	ng	#	7
56) 2,4-Dinitrotoluene	9.85	165	28101	7.05	ng	#	20
70) Phenanthrene	11.36	178	168753	8.64	ng		97
71) Anthracene	11.41	178	200323	10.22	ng		96
72) Carbazole	11.57	167	60744	3.24	ng		96
74) Fluoranthene	12.56	202	1270092	63.07	ng		91
77) Pyrene	12.78	202	1128042	55.99	ng		98
80) Benzo(a)anthracene	13.97	228	922961	56.06	ng	#	90
81) 3,3'-Dichlorobenzidine	14.01	252	13237	2.26	ng	#	1
82) Chrysene	13.97	228	922961	59.87	ng		94
85) Indeno(1,2,3-cd)pyrene	16.80	276	287695	24.09	ng		97
87) Benzo(b)fluoranthene	15.00	252	1189586	83.53	ng		99
88) Benzo(k)fluoranthene	15.11	252	160660	13.07	ng		96
89) Benzo(a)pyrene	15.35	252	465239	37.77	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	54269	5.45	ng		94
91) Benzo(g,h,i)perylene	17.22	276	235008	23.37	ng	#	91

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

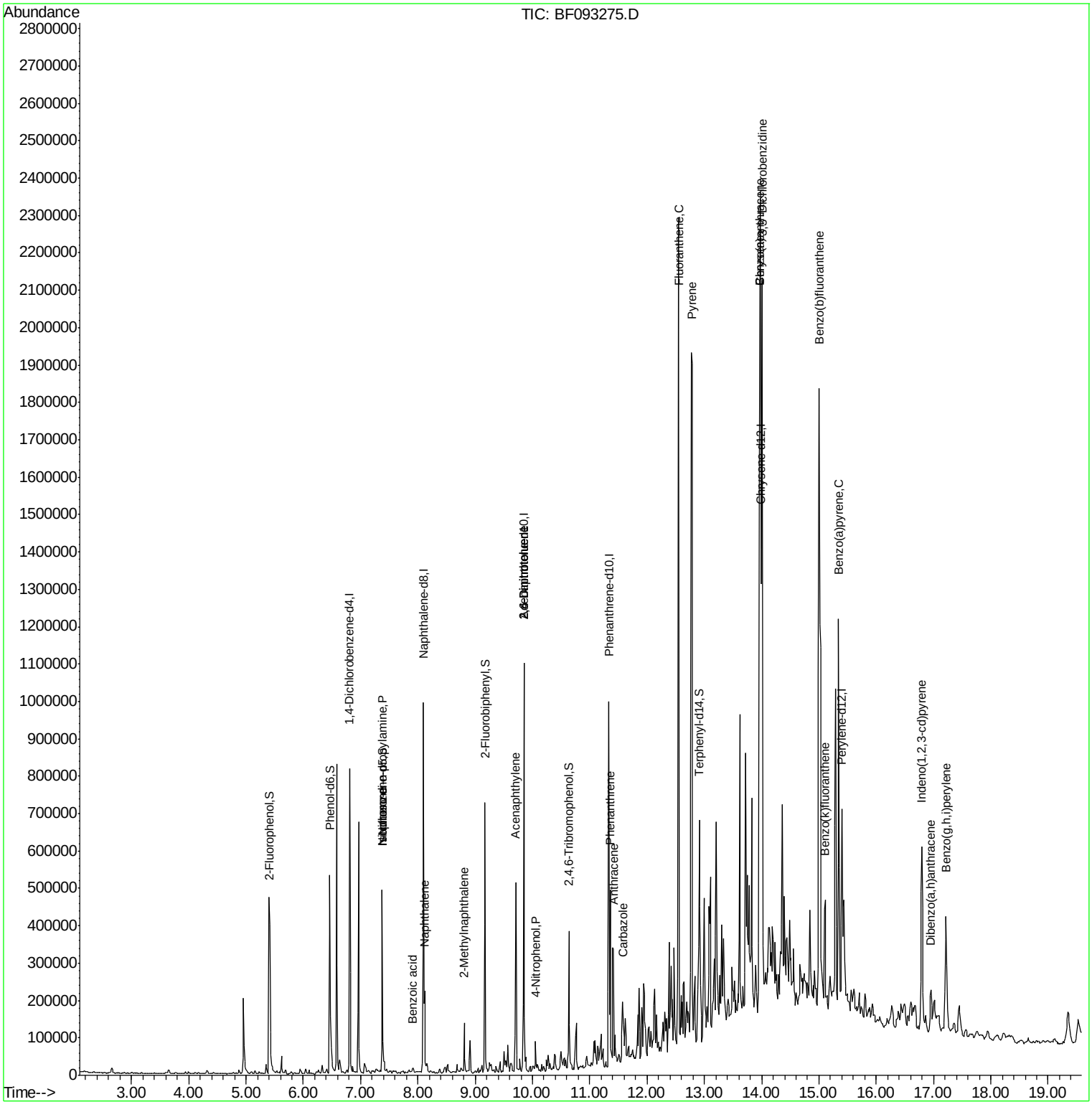
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\

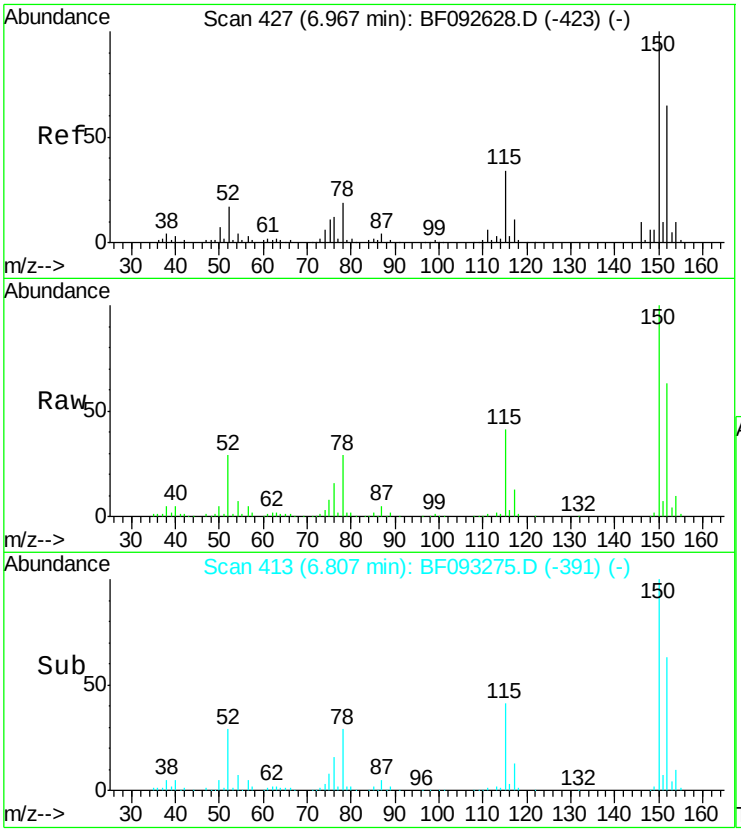
Quantitation Report (Not Reviewed)

Data File : BF093275.D
Acq On : 1 Mar 2017 5:58
Operator : SJ/MA
Sample : I1972-11DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Quant Time: Mar 01 06:44:40 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



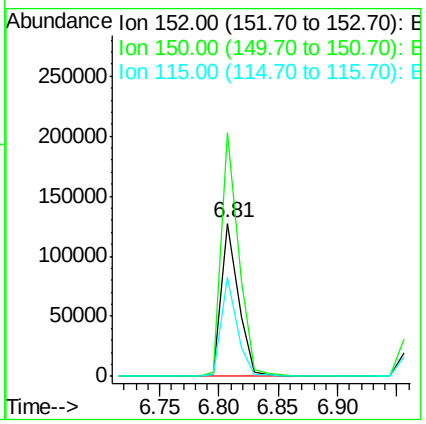


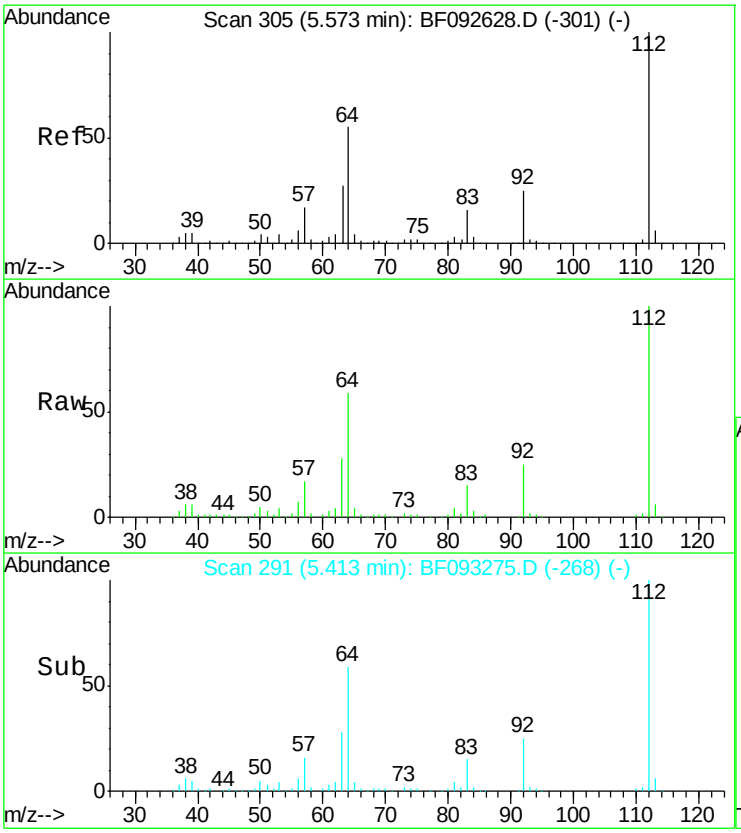
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:152 Resp: 127499

Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	64.8	46.0	69.0

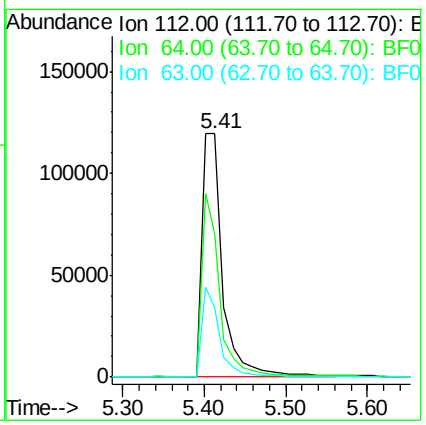


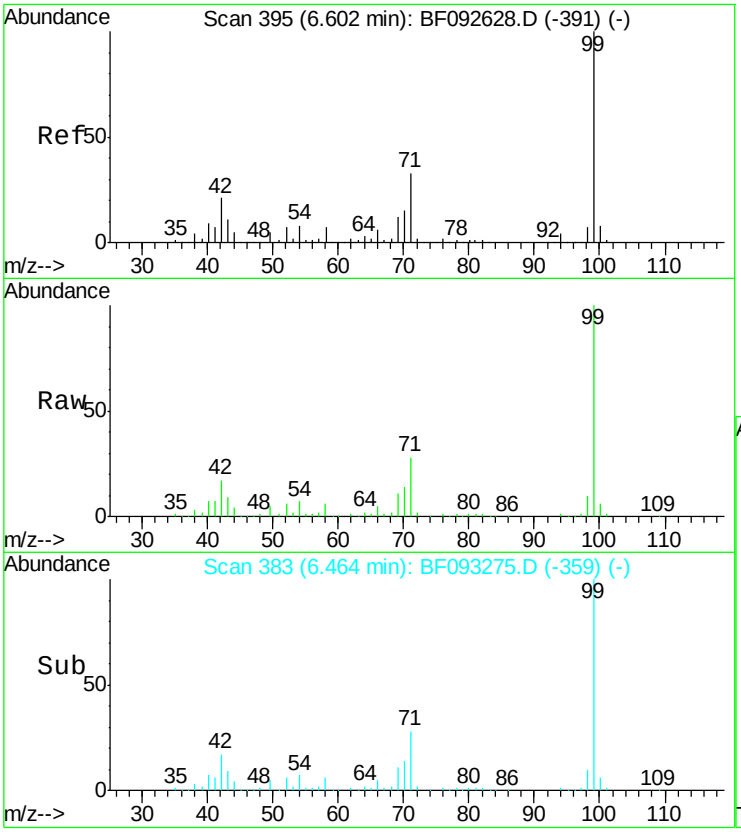


#5
2-Fluorophenol
Concen: 28.96 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:112 Resp: 215215

Ion	Ratio	Lower	Upper
112	100		
64	58.8	46.1	69.1
63	28.5	23.8	35.6



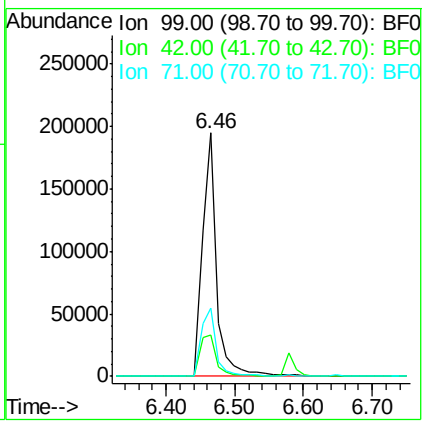


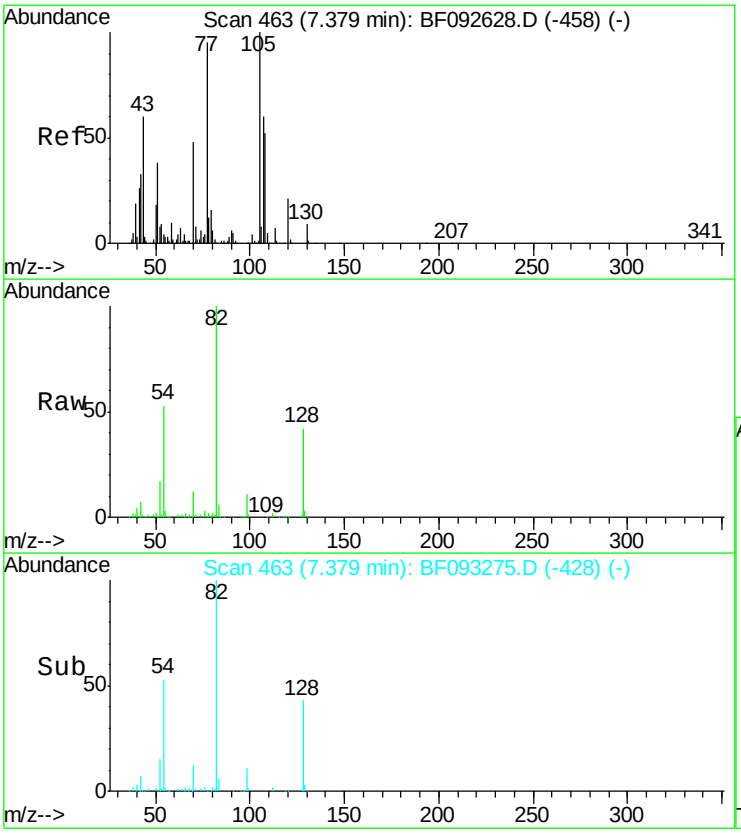
#7
Phenol-d6
Concen: 28.74 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion: 99 Resp: 274775

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.6	23.4
71	28.1	27.5	41.3

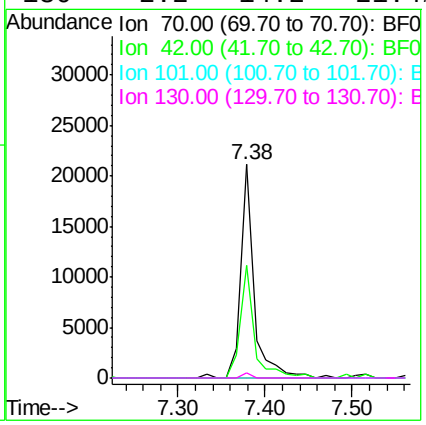


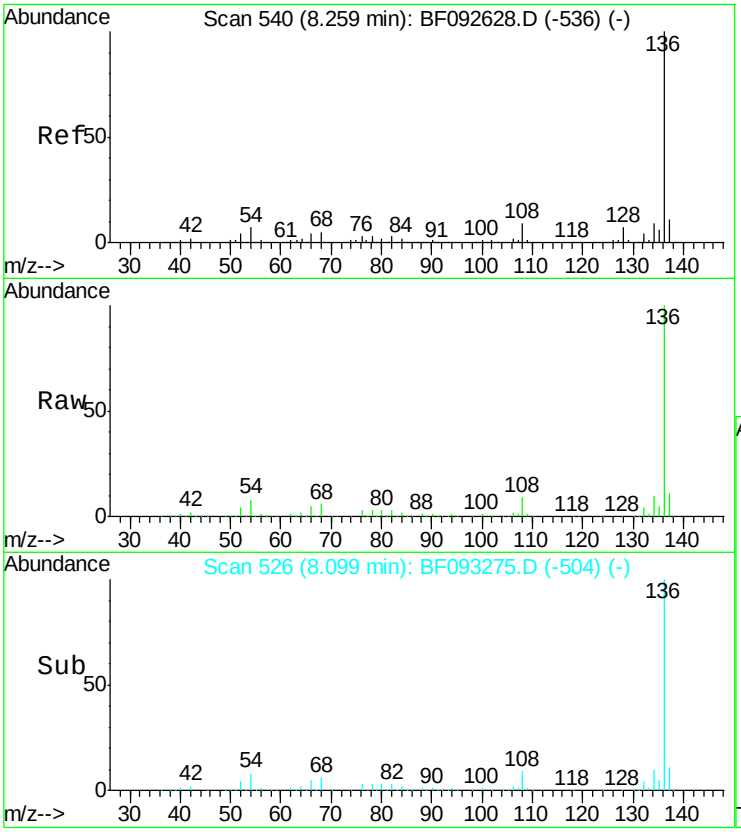


#19
n-Nitroso-di-n-propylamine
Concen: 3.69 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion: 70 Resp: 22470

Ion	Ratio	Lower	Upper
70	100		
42	53.1	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



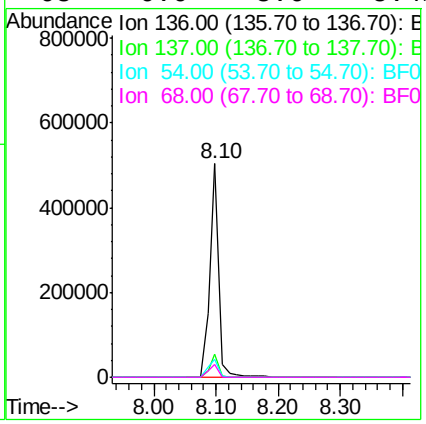


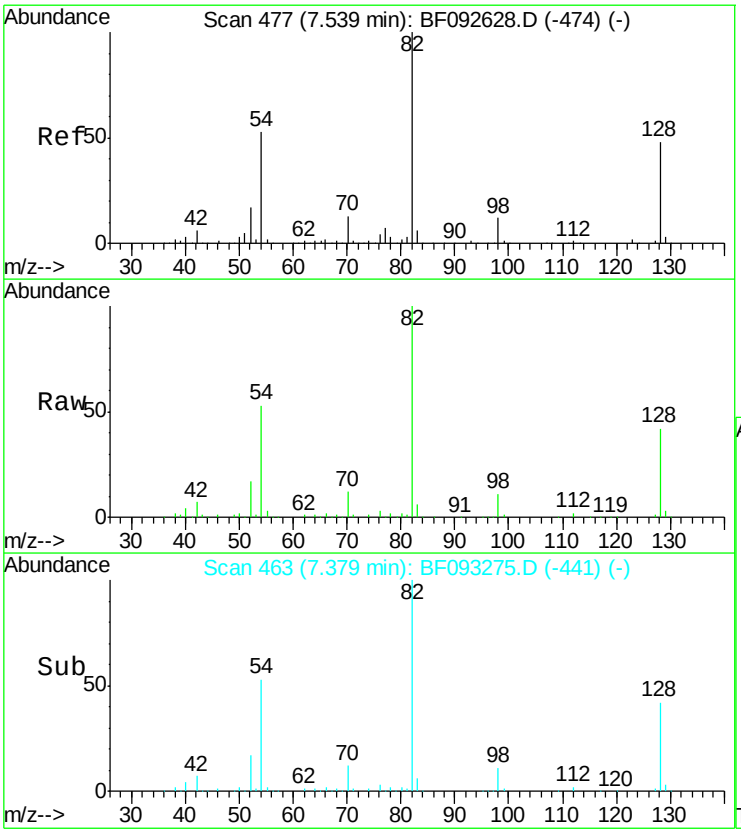
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:136 Resp: 491718

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.4	4.5	6.7#
68	6.0	3.6	5.4#

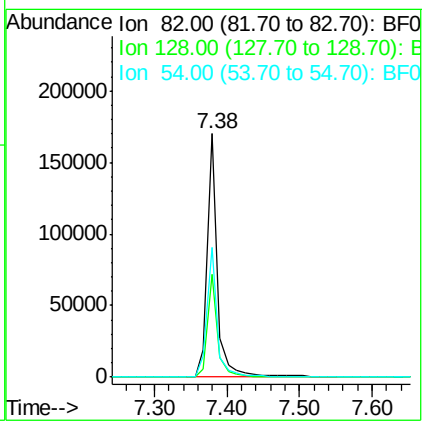


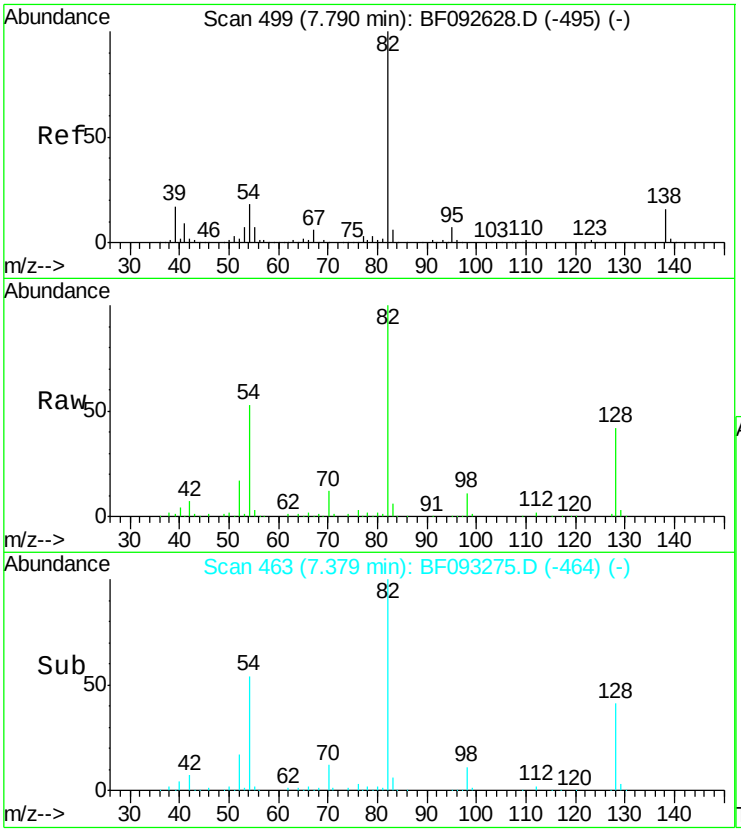


#23
Nitrobenzene-d5
Concen: 18.84 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion: 82 Resp: 166376

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	53.3	39.5	59.3



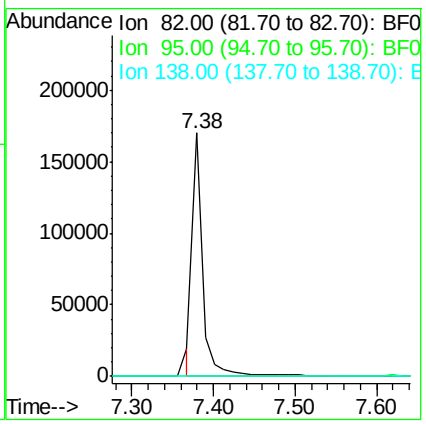


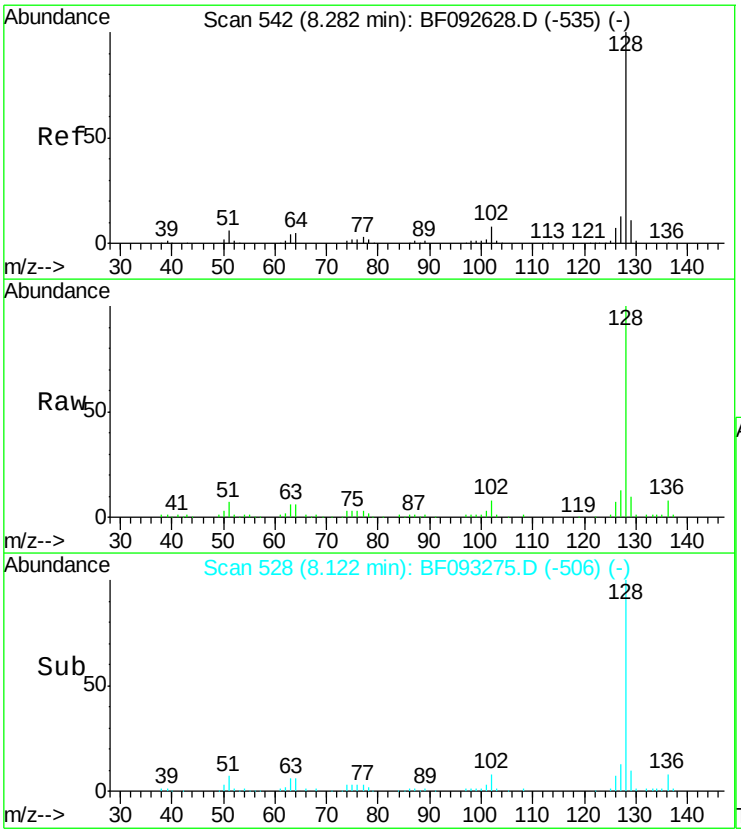
#25
Isophorone
Concen: 9.04 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion: 82 Resp: 148718

Ion	Ratio	Lower	Upper
82	100		
95	0.3	5.6	8.4#
138	0.0	14.6	22.0#

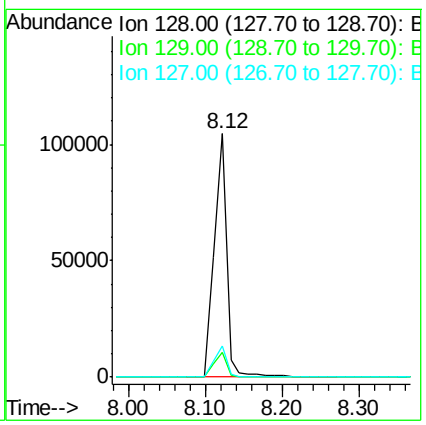


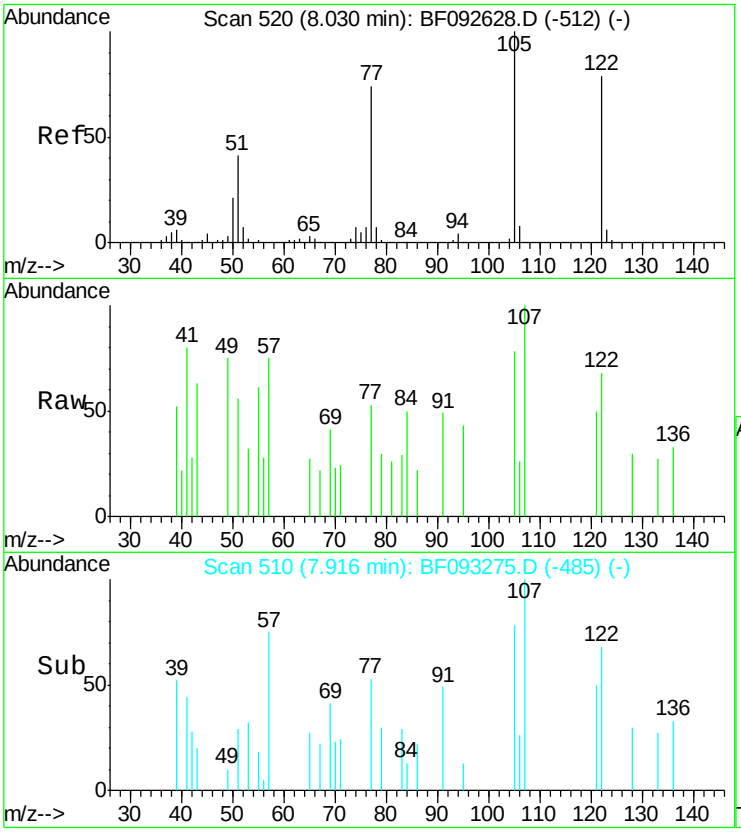


#31
Naphthalene
Concen: 4.72 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:128 Resp: 117683

Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.5	14.3
127	12.8	10.8	16.2



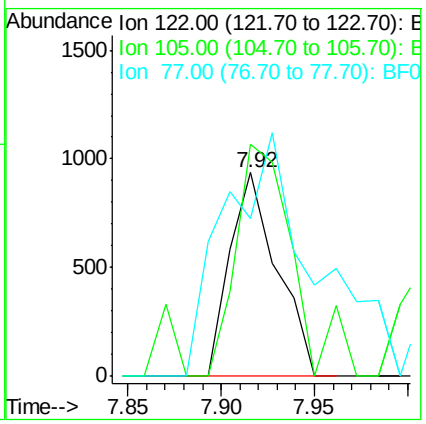


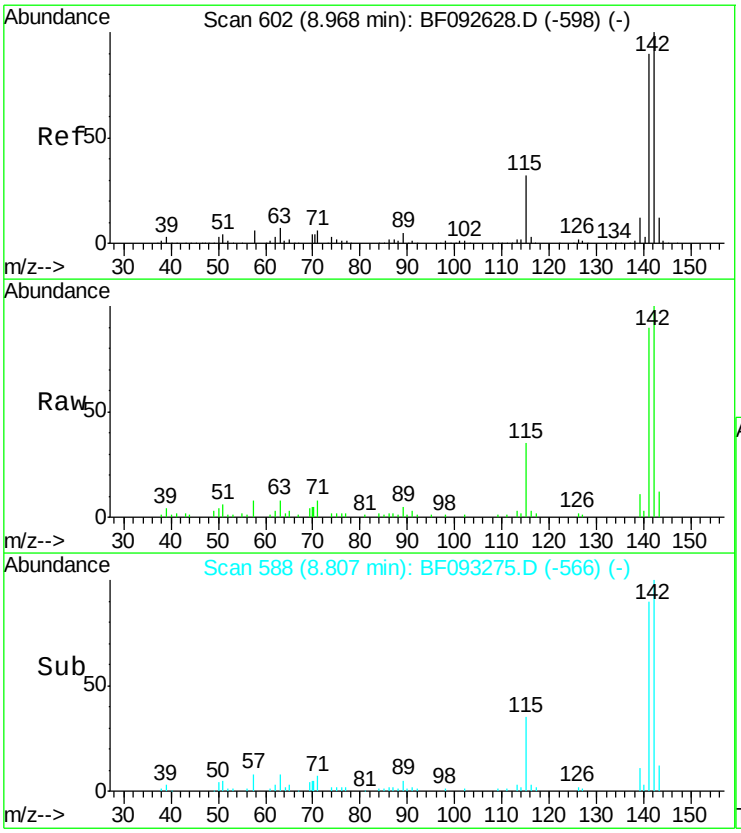
#32
Benzoic acid
Concen: 7.49 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:122 Resp: 1650

Ion	Ratio	Lower	Upper
122	100		
105	114.1	107.2	147.2
77	77.5	74.5	114.5

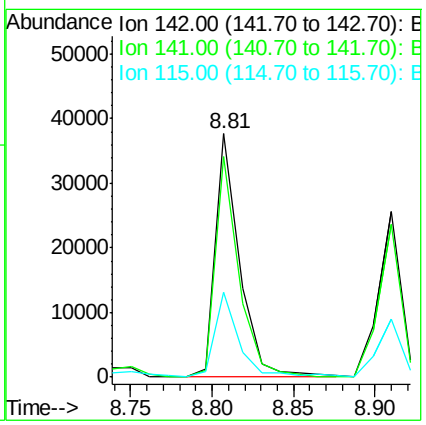


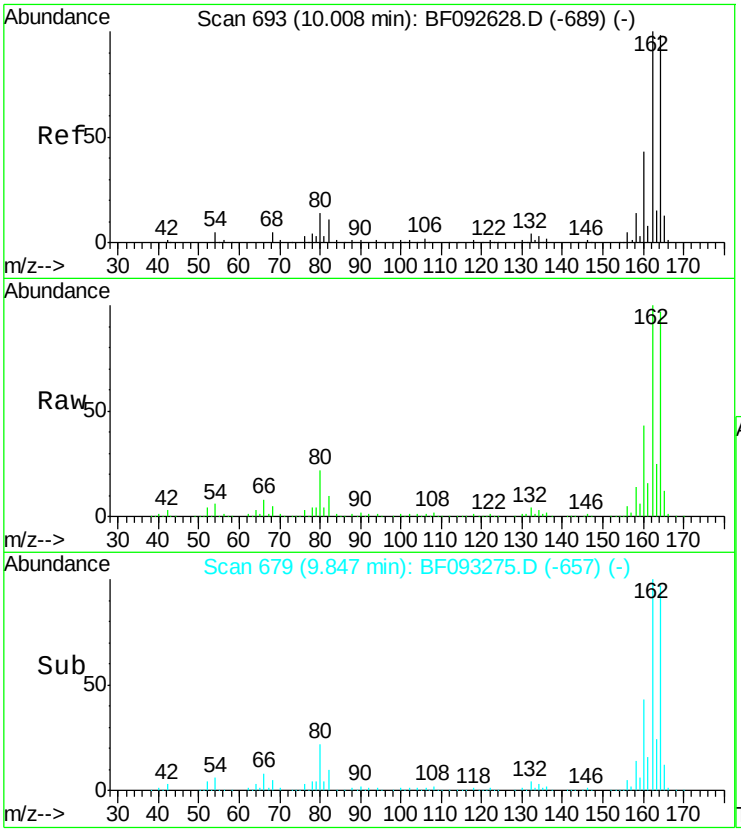


#37
2-Methylnaphthalene
Concen: 2.43 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:142 Resp: 38947

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	34.9	28.3	42.5



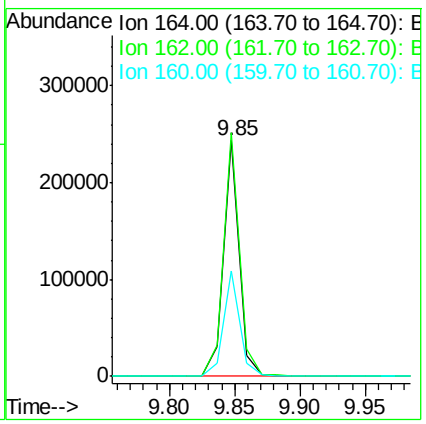


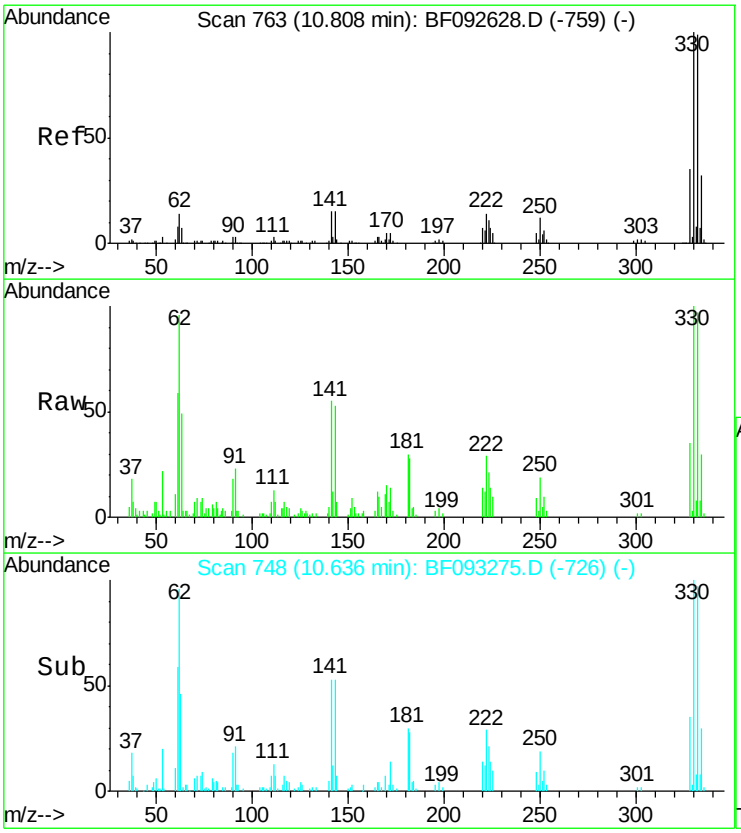
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:164 Resp: 205815

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	44.6	36.9	55.3

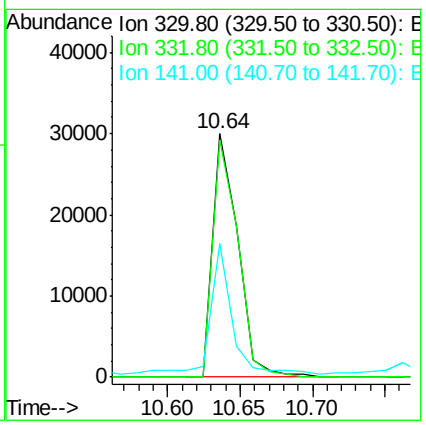


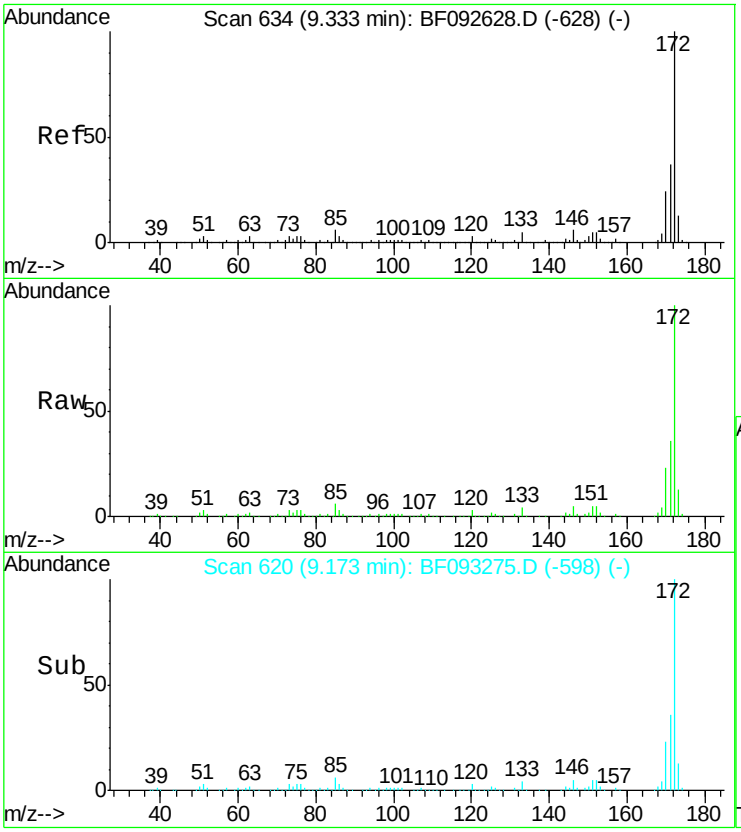


#41
2,4,6-Tribromophenol
Concen: 24.08 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:330 Resp: 35840

Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.4	116.2
141	54.6	34.1	51.1#



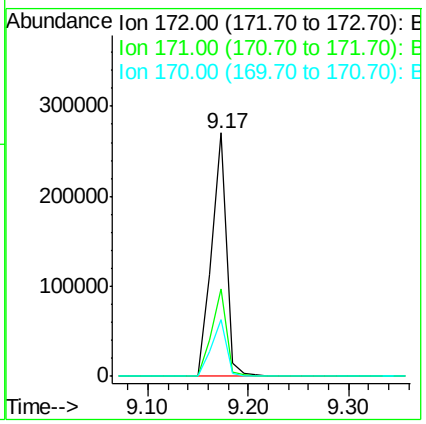


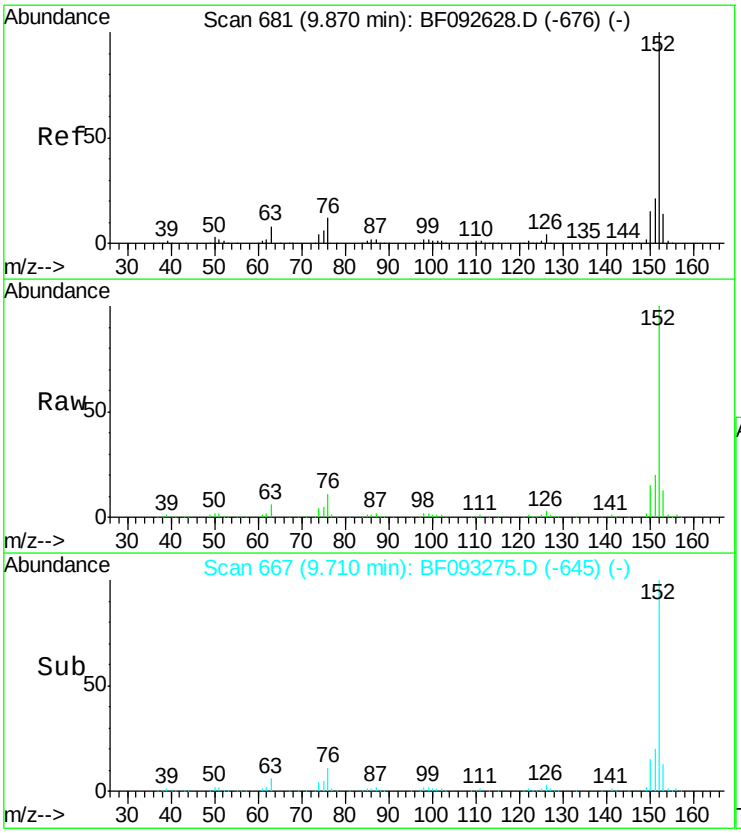
#44
2-Fluorobiphenyl
Concen: 24.58 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:172 Resp: 279194

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.3	20.2	30.4

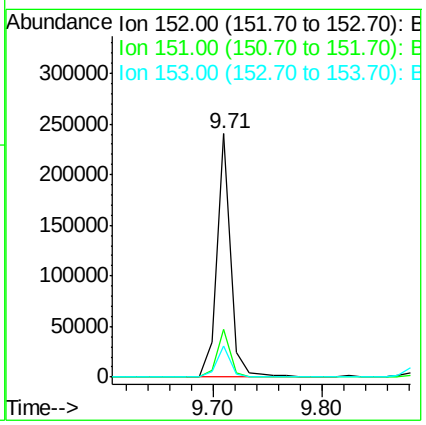


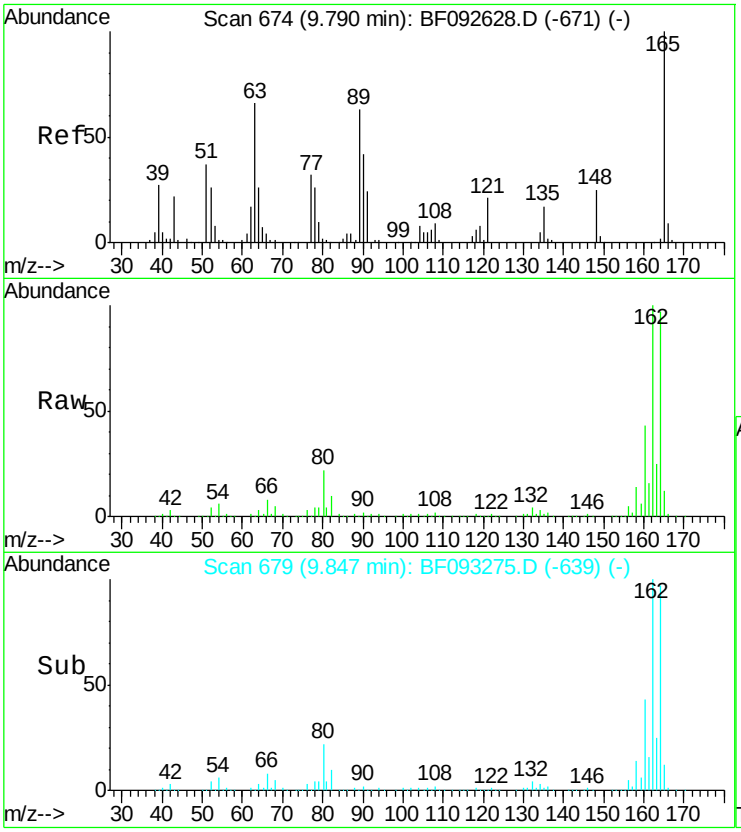


#48
Acenaphthylene
Concen: 10.66 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:152 Resp: 214632

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.9	25.3
153	12.6	11.4	17.2



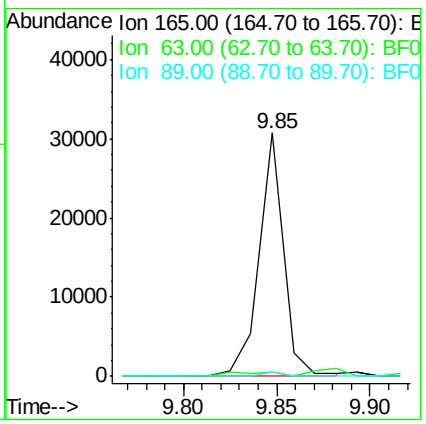


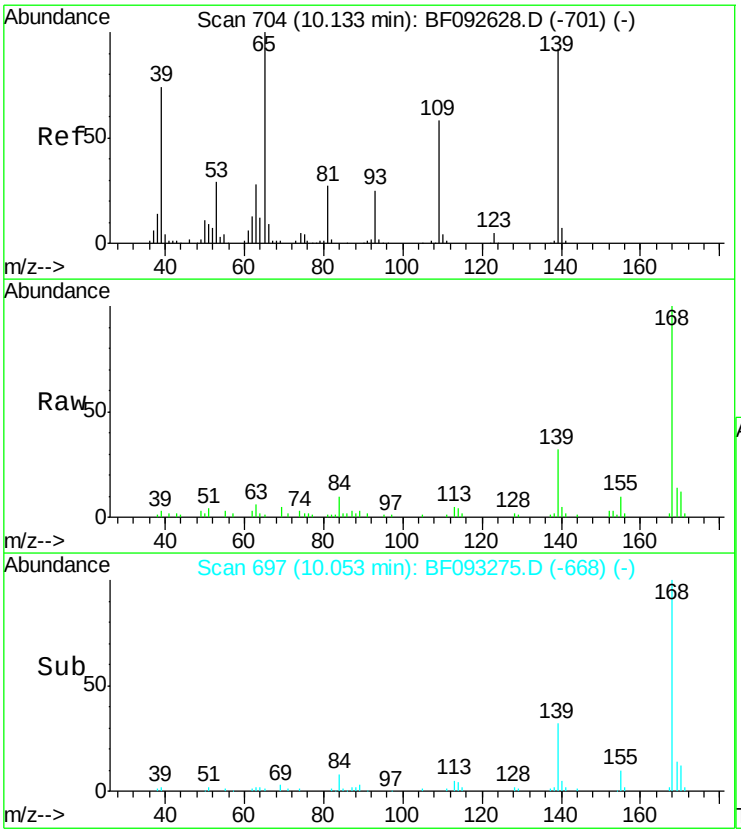
#50
2,6-Dinitrotoluene
Concen: 9.26 ng
RT: 9.85 min Scan# 679
Delta R.T. 0.16 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:165 Resp: 27732

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.8	40.2	60.4#

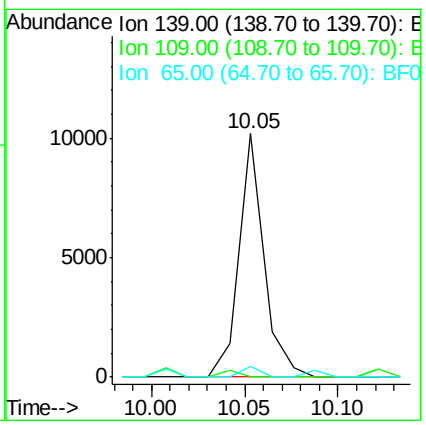


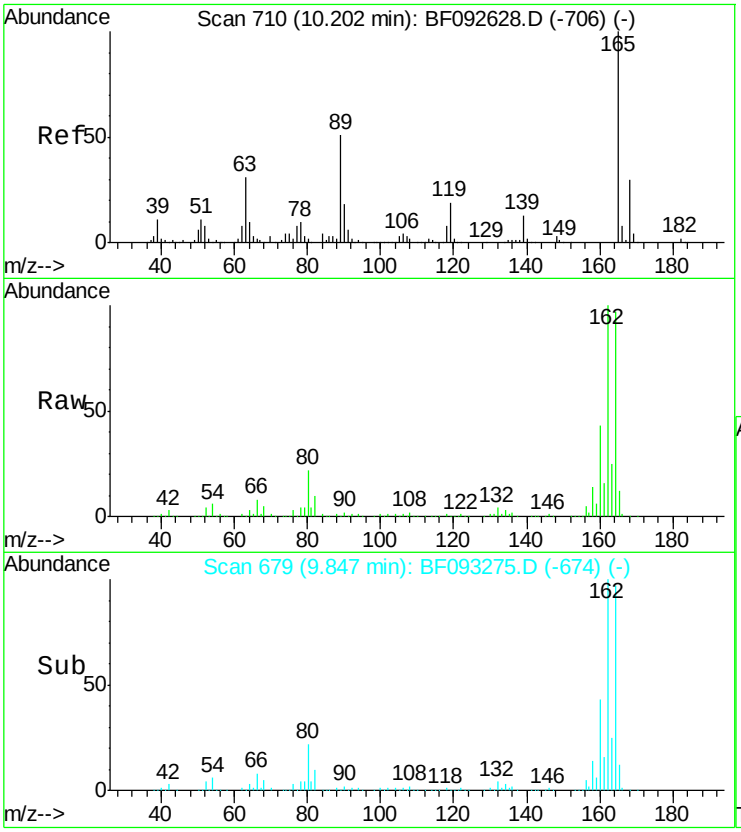


#55
4-Nitrophenol
Concen: 3.86 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:139 Resp: 9530

Ion	Ratio	Lower	Upper
139	100		
109	0.0	52.2	92.2#
65	4.5	85.8	125.8#



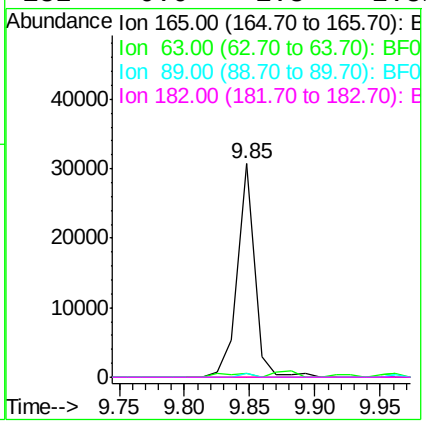


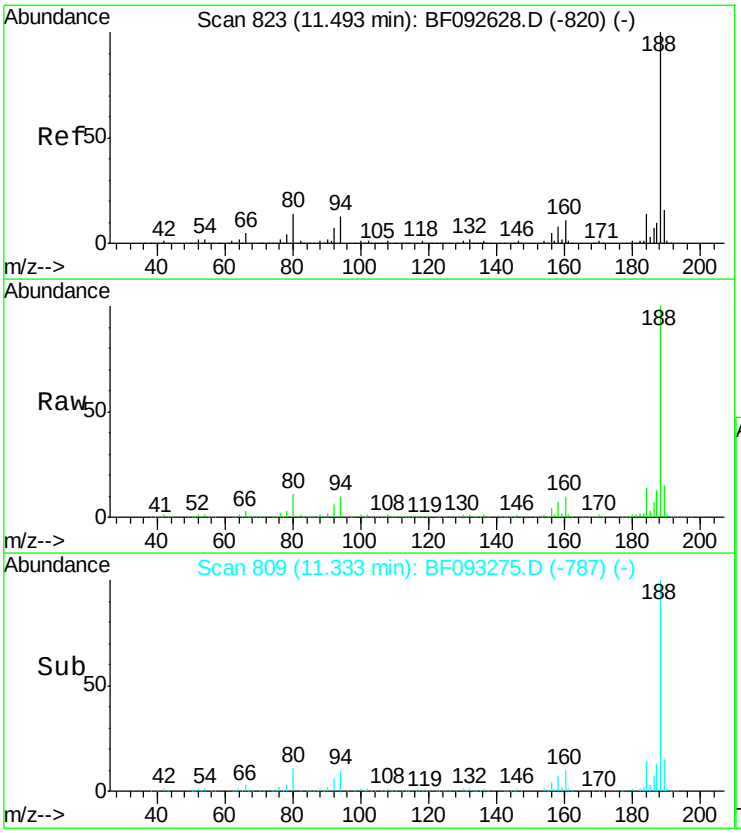
#56
2,4-Dinitrotoluene
Concen: 7.05 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.24 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:165 Resp: 28101

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#

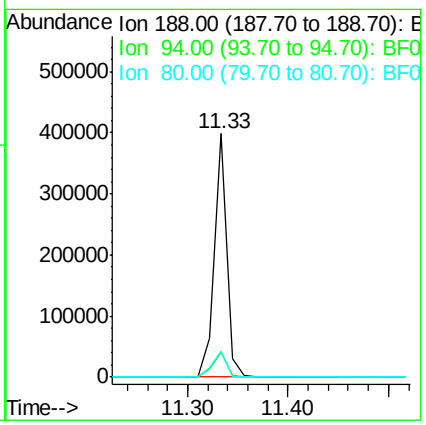


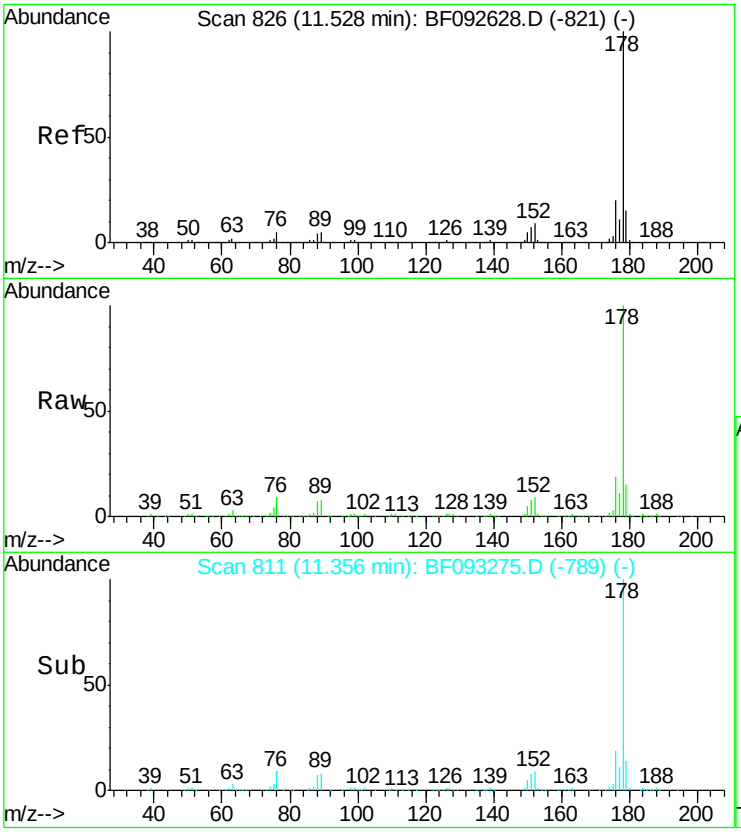


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:188 Resp: 340783

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.0	15.0
80	10.7	11.2	16.8#



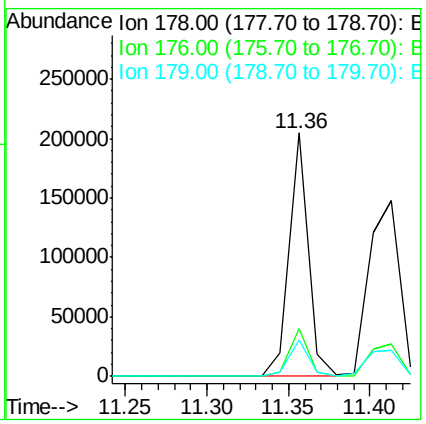


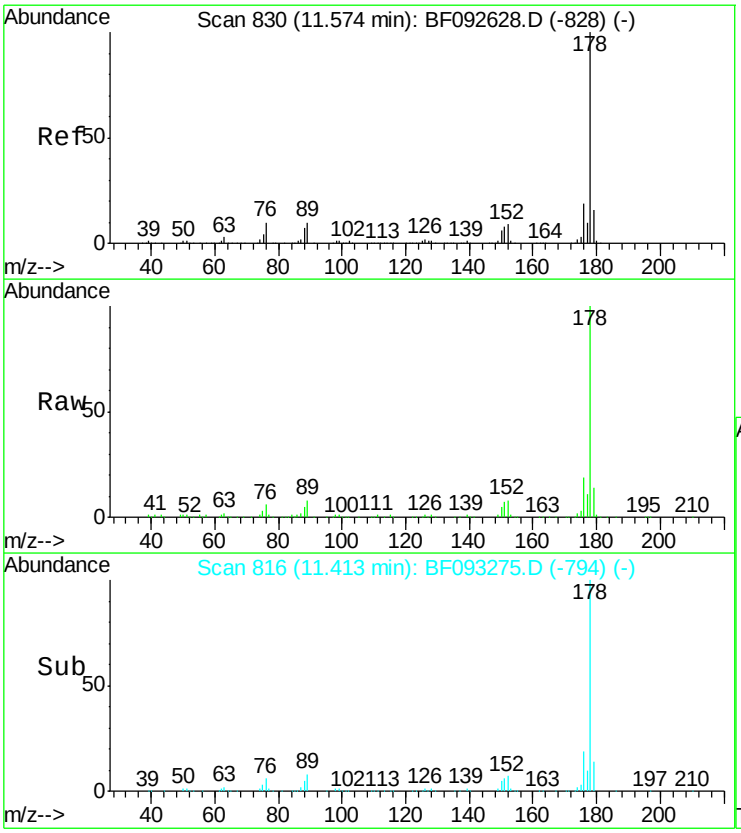
#70
Phenanthrene
Concen: 8.64 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:178 Resp: 168753

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	14.8	12.8	19.2

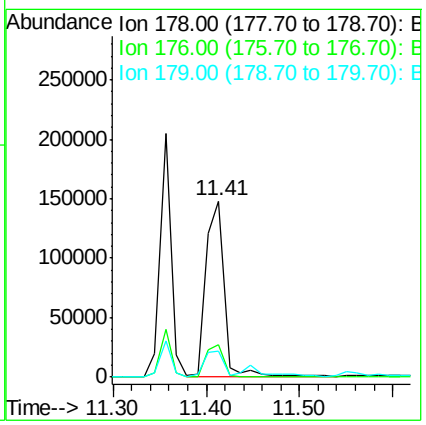


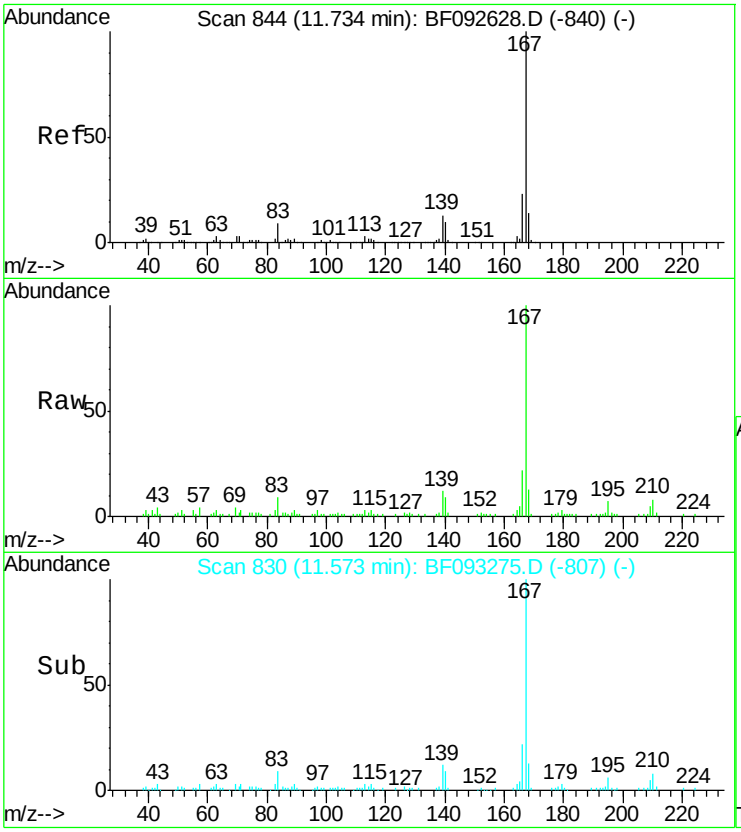


#71
Anthracene
Concen: 10.22 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:178 Resp: 200323

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.9	23.9
179	14.5	13.2	19.8



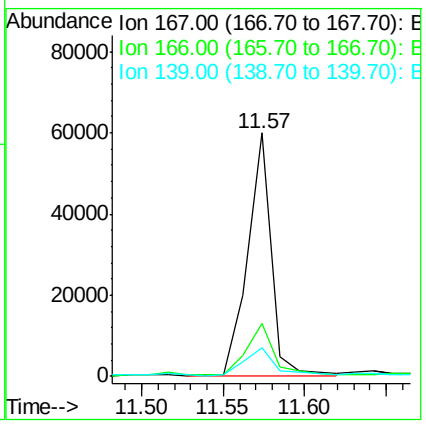


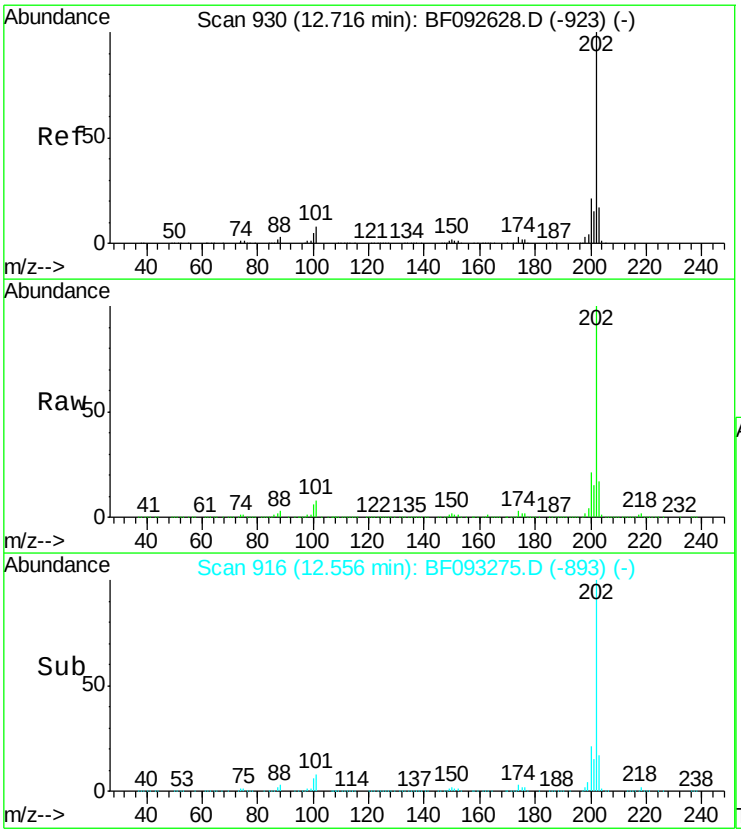
#72
Carbazole
Concen: 3.24 ng
RT: 11.57 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:167 Resp: 60744

Ion	Ratio	Lower	Upper
167	100		
166	21.7	18.2	27.2
139	11.9	11.4	17.2

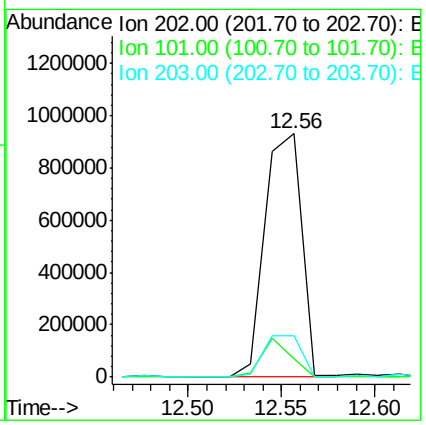


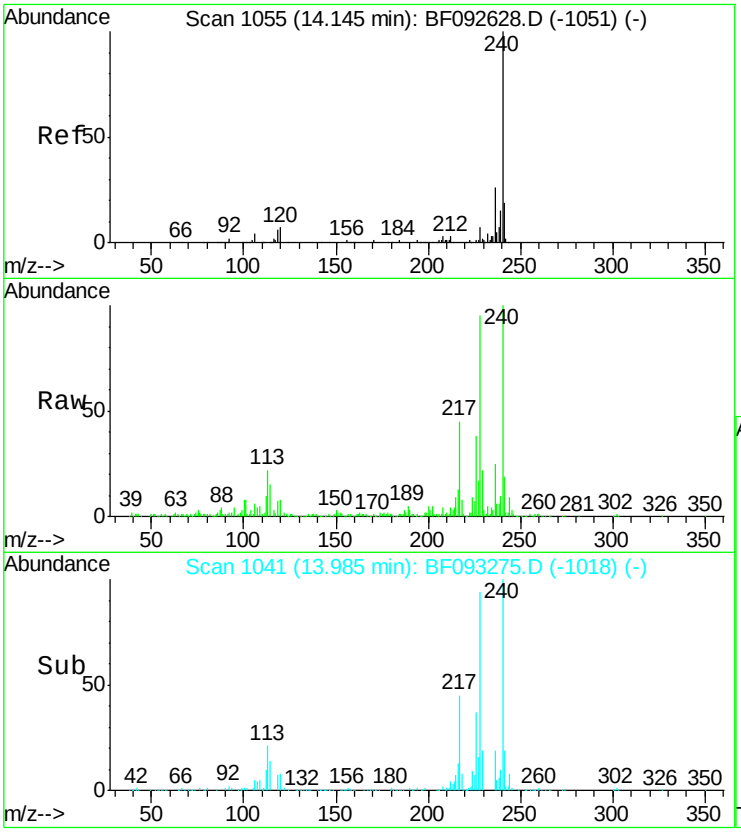


#74
Fluoranthene
Concen: 63.07 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:202 Resp: 1270092

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	34.6
203	17.2	0.0	38.7



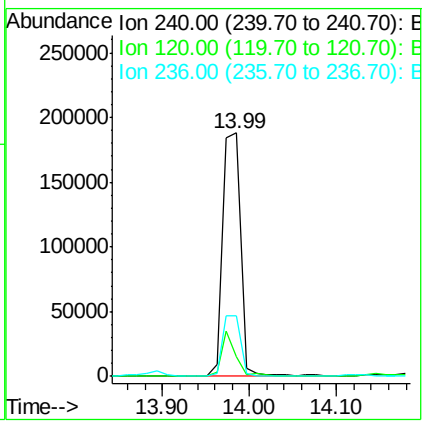


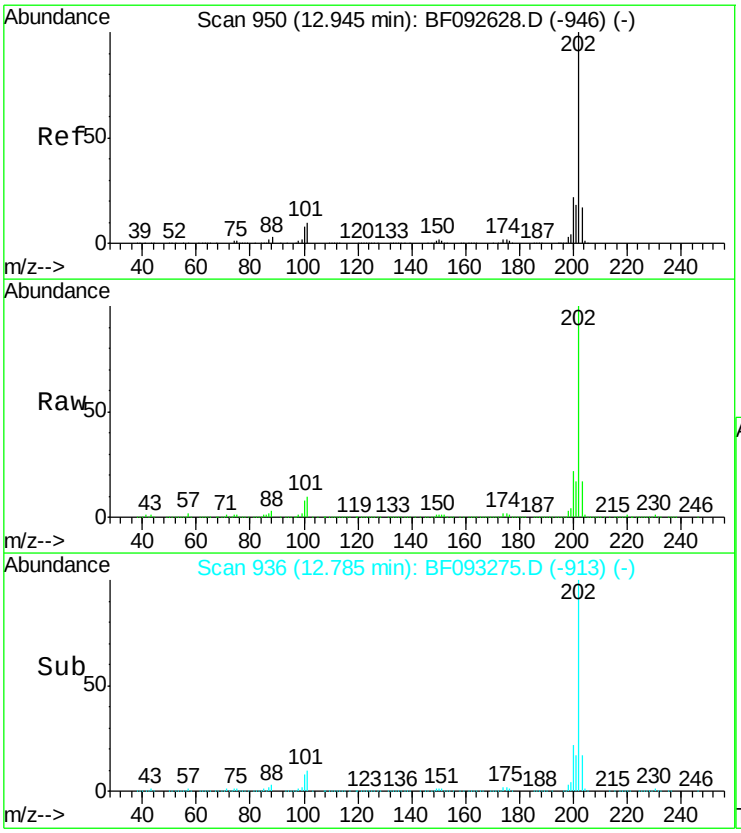
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:240 Resp: 269195

Ion	Ratio	Lower	Upper
240	100		
120	8.0	12.9	19.3#
236	25.0	20.9	31.3

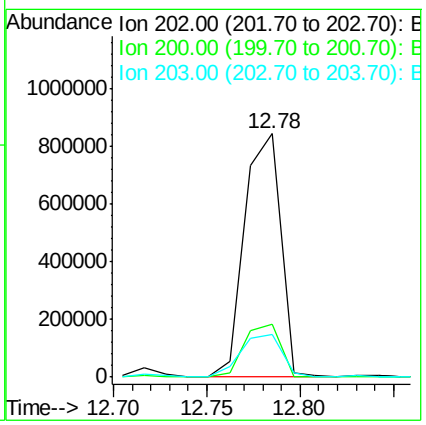


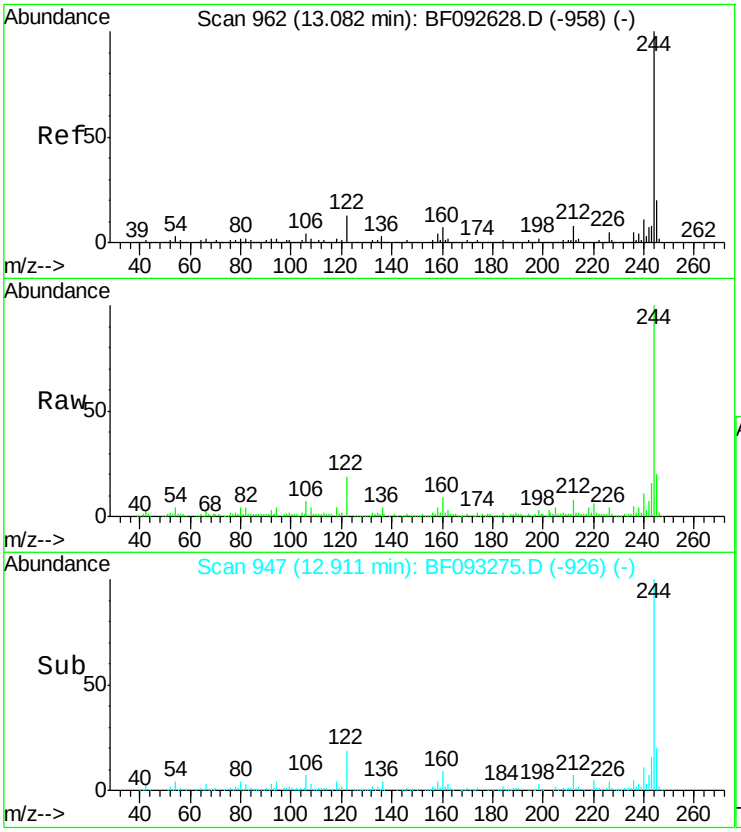


#77
Pyrene
Concen: 55.99 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:202 Resp: 1128042

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.7	26.5
203	17.3	14.7	22.1



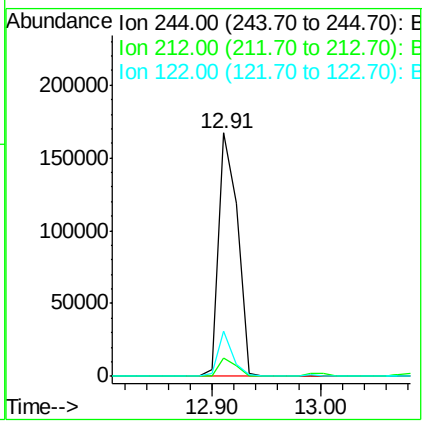


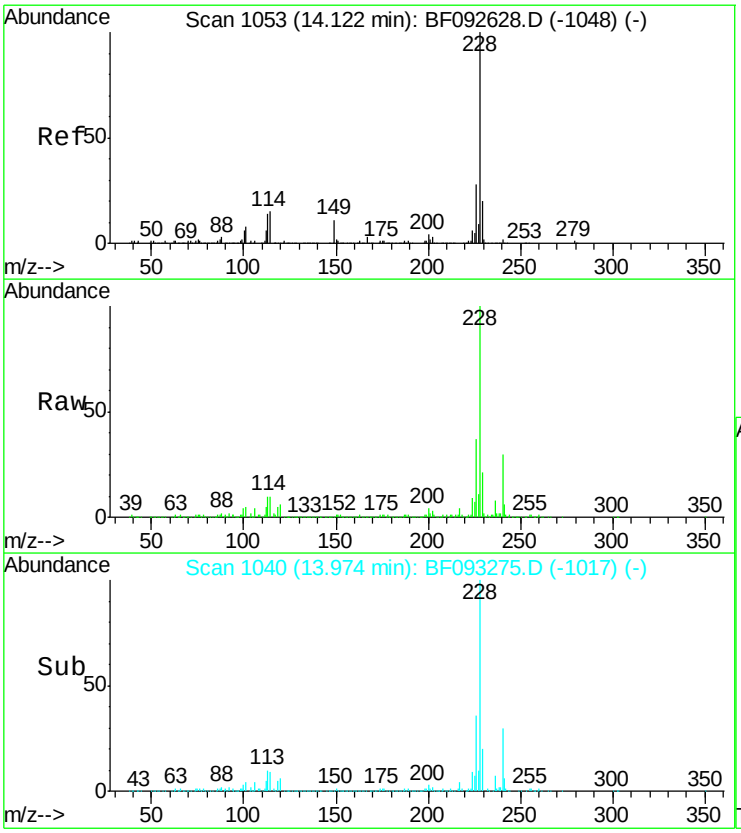
#78
Terphenyl-d14
Concen: 17.61 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.06 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:244 Resp: 201748

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	18.6	11.4	17.2#

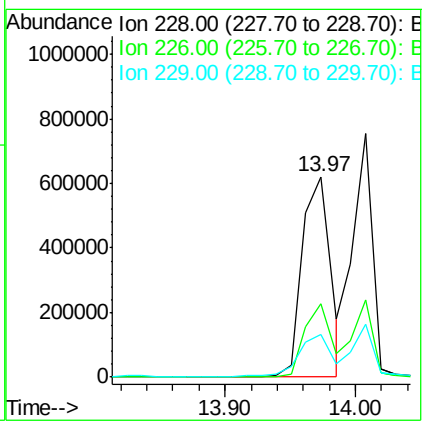


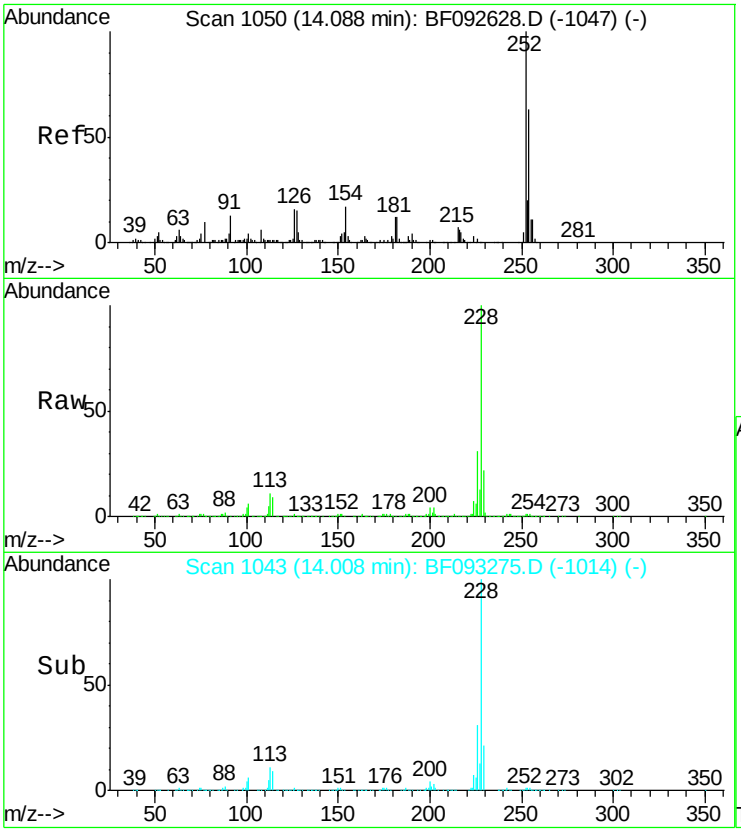


#80
Benzo(a)anthracene
Concen: 56.06 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:228 Resp: 922961

Ion	Ratio	Lower	Upper
228	100		
226	36.8	22.4	33.6#
229	21.0	16.2	24.4



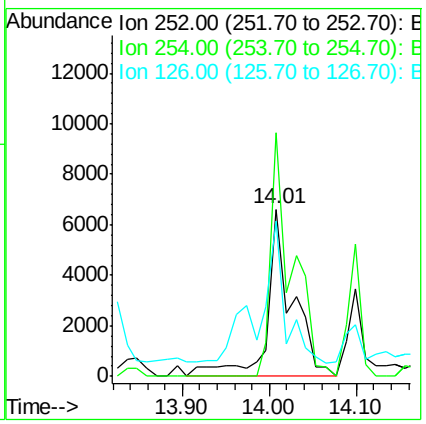


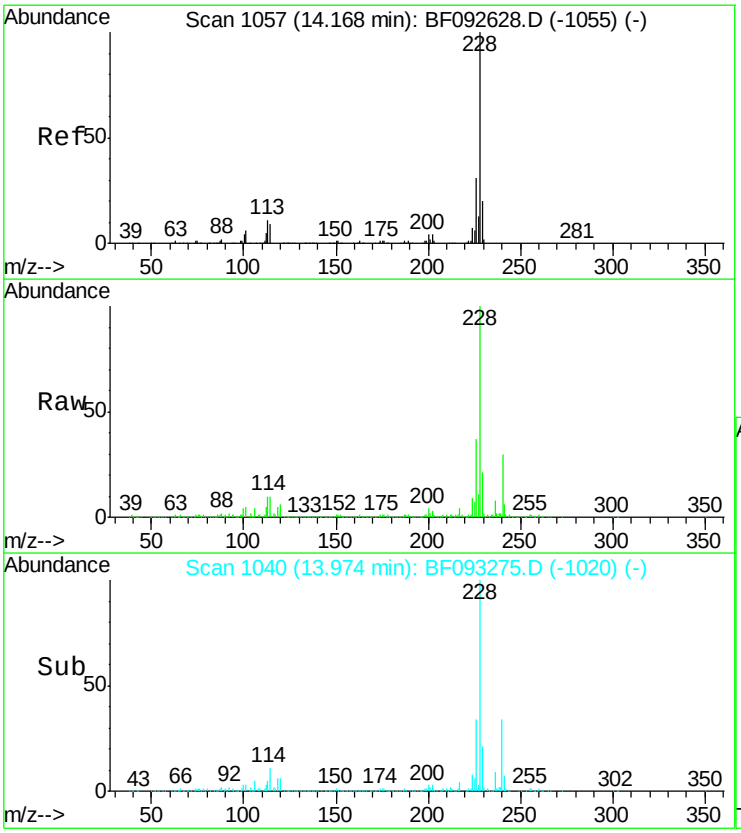
#81
3,3'-Dichlorobenzidine
Concen: 2.26 ng
RT: 14.01 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:252 Resp: 13237

Ion	Ratio	Lower	Upper
252	100		
254	145.7	52.3	78.5#
126	93.1	13.6	20.4#

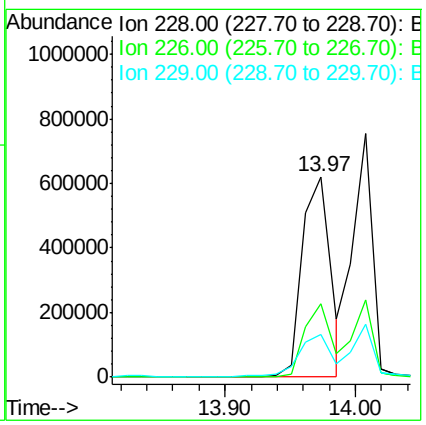


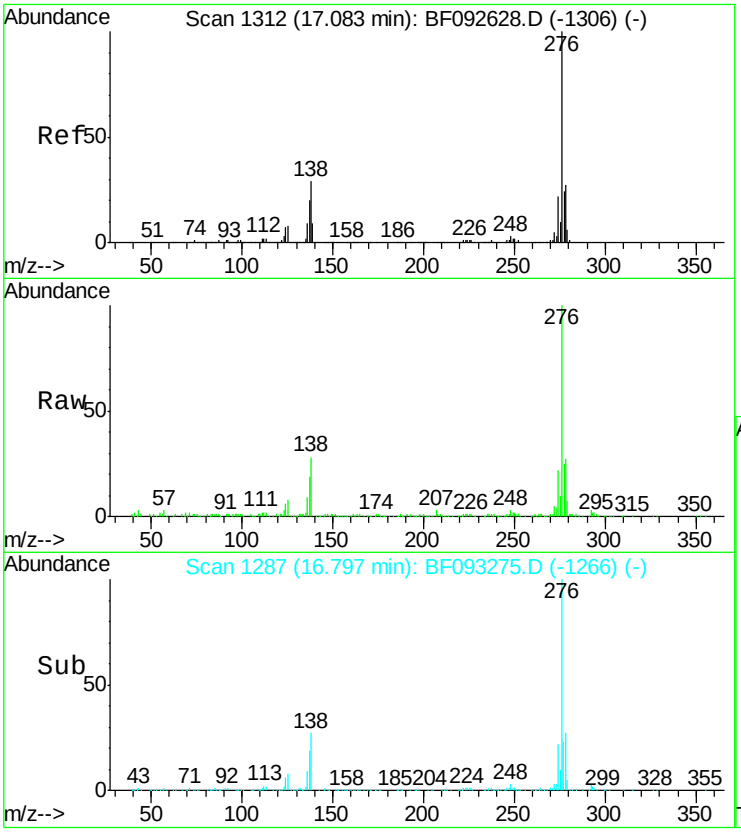


#82
Chrysene
Concen: 59.87 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:228 Resp: 922961

Ion	Ratio	Lower	Upper
228	100		
226	36.8	25.4	38.0
229	21.0	16.2	24.2



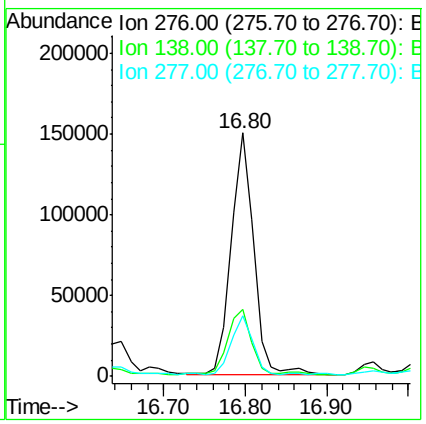


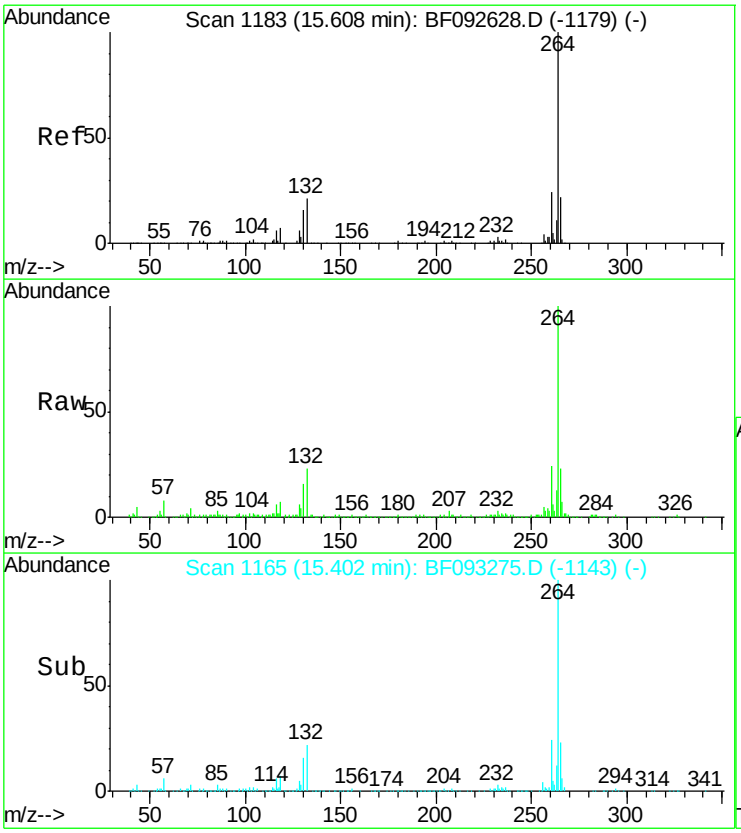
#85
Indeno(1,2,3-cd)pyrene
Concen: 24.09 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.06 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:276 Resp: 287695

Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.6
277	23.4	20.2	30.4

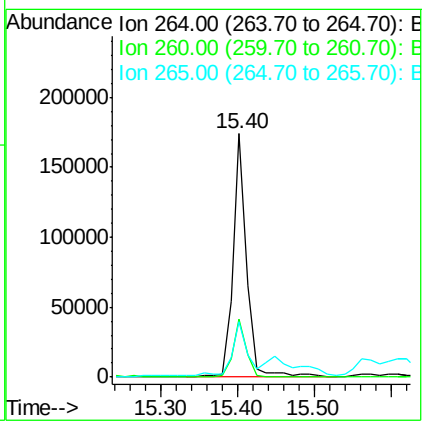


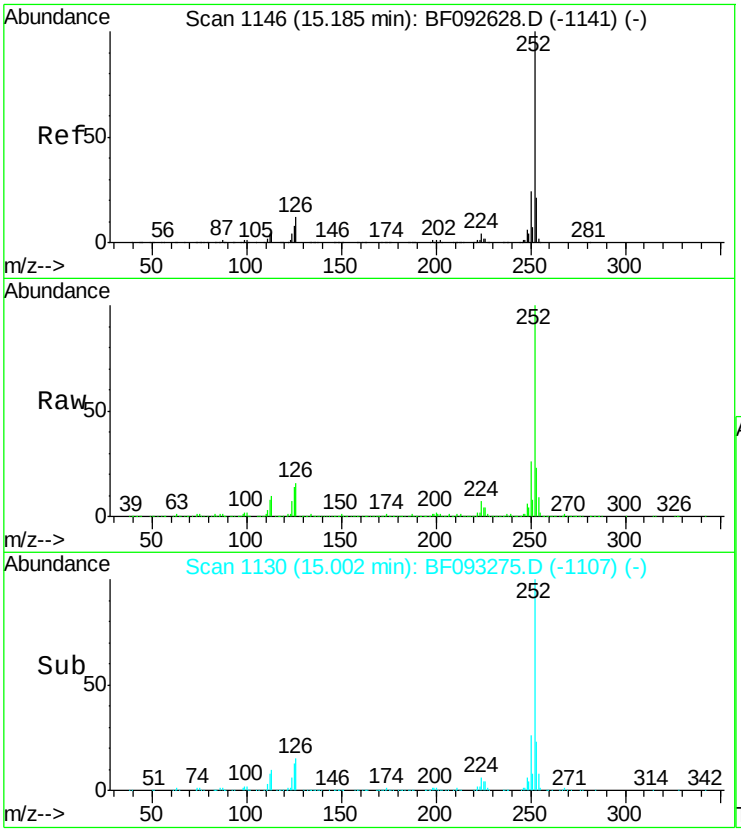


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:264 Resp: 216368

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	23.0	17.4	26.0



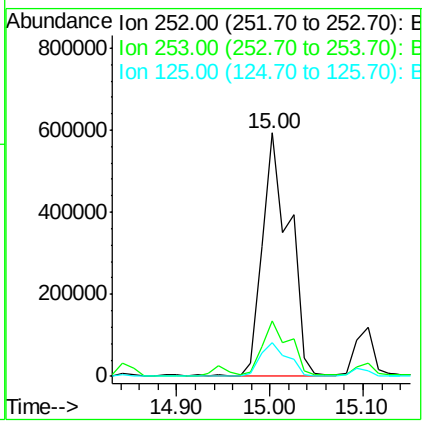


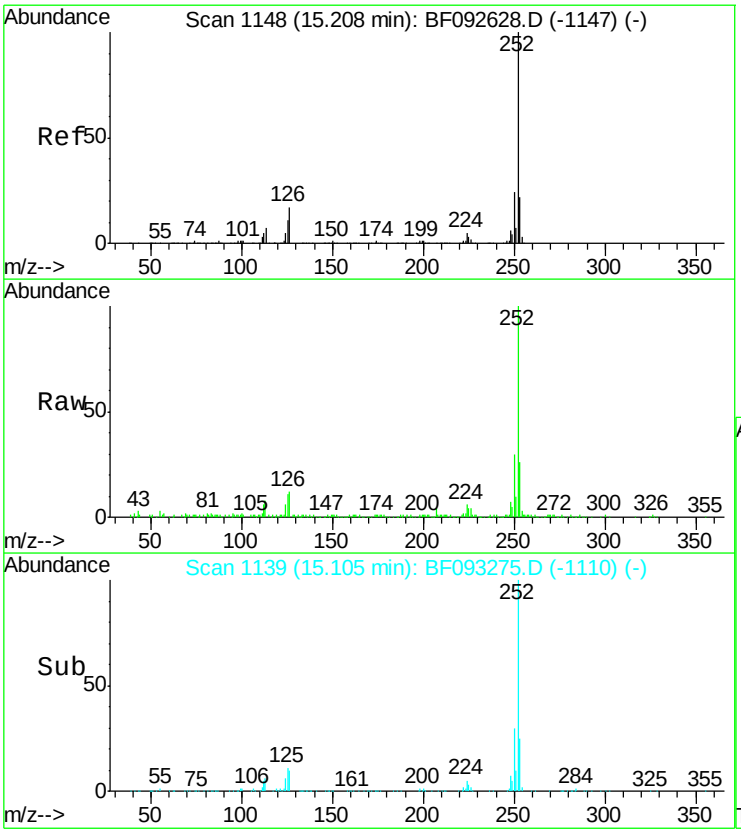
#87
Benzo(b)fluoranthene
Concen: 83.53 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:252 Resp: 1189586

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.4
125	13.6	9.8	14.6

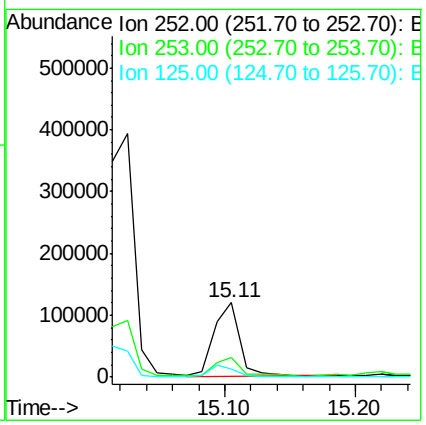


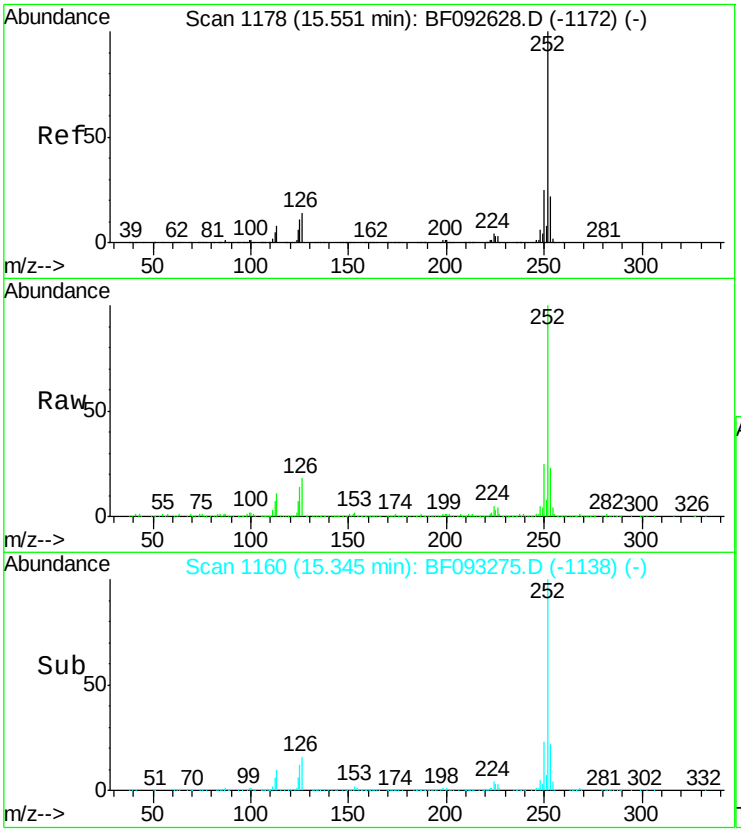


#88
Benzo(k)fluoranthene
Concen: 13.07 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.03 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:252 Resp: 160660

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.5	27.7
125	11.5	8.9	13.3



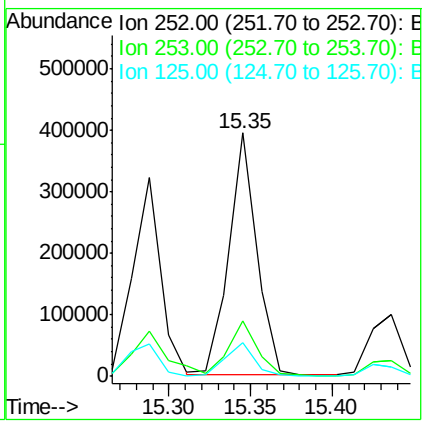


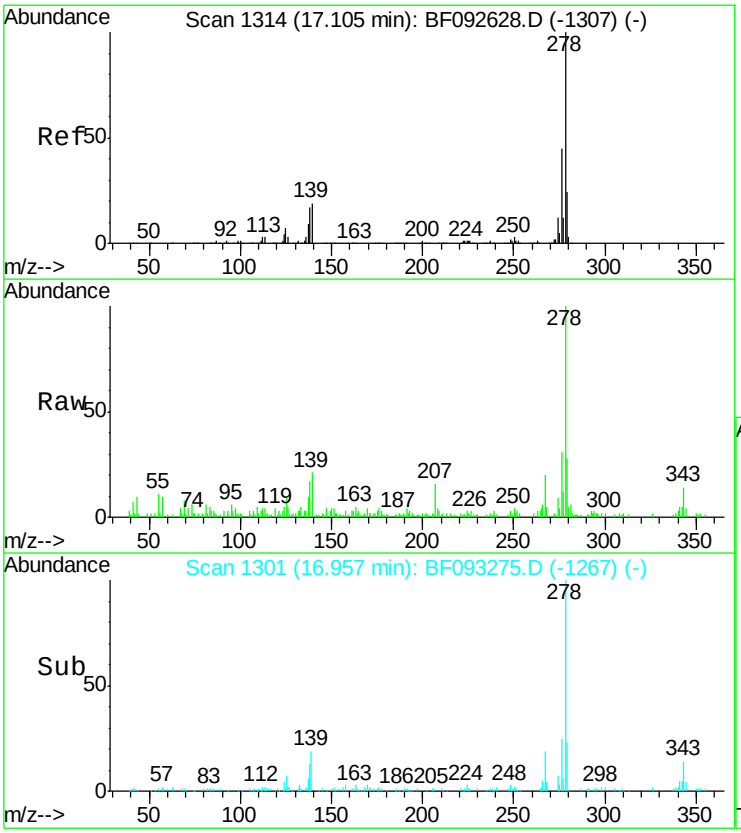
#89
Benzo(a)pyrene
Concen: 37.77 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.05 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:252 Resp: 465239

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	13.8	10.0	15.0

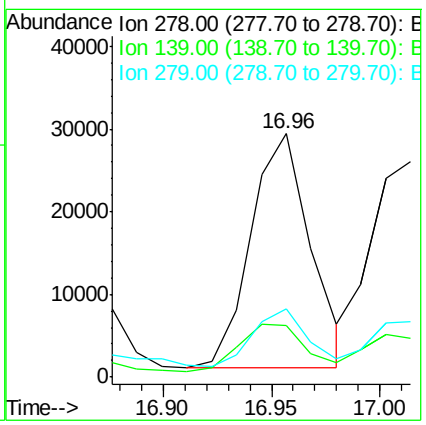


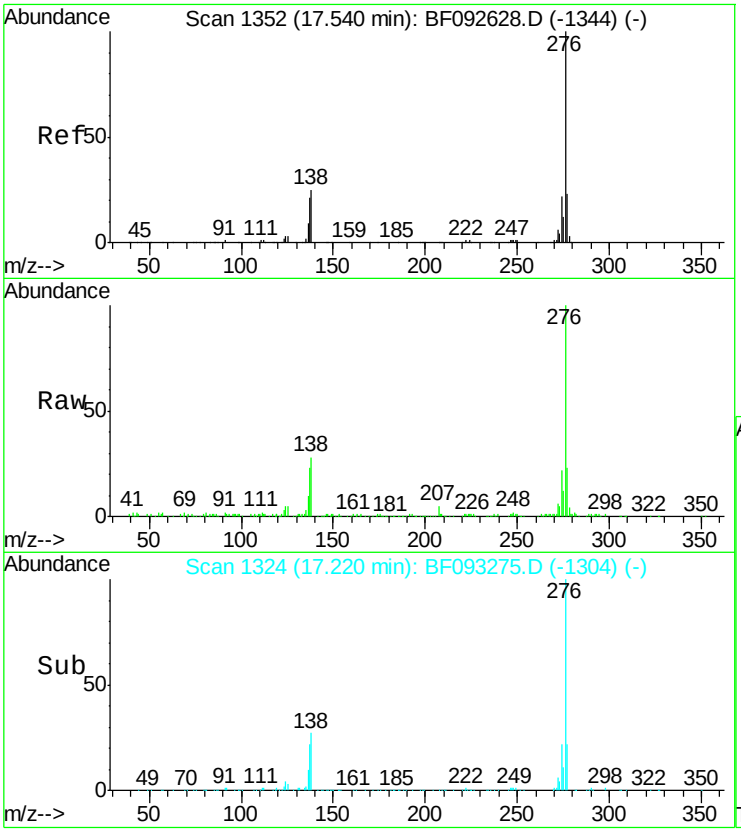


#90
Dibenzo(a,h)anthracene
Concen: 5.45 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.09 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Tgt Ion:278 Resp: 54269

Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.8	22.2
279	28.1	19.8	29.6





#91
Benzo(g,h,i)perylene
Concen: 23.37 ng
RT: 17.22 min Scan# 1324
Delta R.T. -0.07 min
Lab File: BF093275.D
Acq: 1 Mar 2017 5:58

Instrument :
BNA_F
ClientSampleId :
E2-B1-BASE-3DL

Tgt Ion:276 Resp: 235008

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	28.2	16.0	24.0#