Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092579.D
Acq On : 27 Jan 2017 16:06
Operator : SJ/MA
Sample : I1265-04RE
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 27 17:14:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	163591	20.00	ng		0.01
21) Naphthalene-d8	8.27	136	586131	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	260408	20.00	ng		0.01
63) Phenanthrene-d10	11.53	188	375721	20.00	ng		0.00
75) Chrysene-d12	14.18	240	287986	20.00	ng		0.01
86) Perylene-d12	15.68	264	194806	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1250113	118.89	ng		0.06
7) Phenol-d6	6.64	99	1460247	109.03	ng		0.05
23) Nitrobenzene-d5	7.55	82	923138	86.03	ng		0.01
41) 2,4,6-Tribromophenol	10.83	330	199285	112.30	ng		0.01
44) 2-Fluorobiphenyl	9.36	172	1394064	98.99	ng		0.00
78) Terphenyl-d14	13.12	244	910597	84.20	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.65	94	70539	4.36	ng	#	64
19) n-Nitroso-di-n-propylamine	7.55	70	124305	13.63	ng	#	79
25) Isophorone	7.55	82	891075	42.14	ng	#	65
31) Naphthalene	8.29	128	111023	3.70	ng		97
32) Benzoic acid	8.06	122	608	4.77	ng	#	32
37) 2-Methylnaphthalene	8.99	142	63925	3.37	ng		97
48) Acenaphthylene	9.89	152	118803	5.27	ng		99
49) Dimethylphthalate	9.76	163	227261	13.72	ng		99
51) Acenaphthene	10.06	154	43610	3.11	ng		87
54) Dibenzofuran	10.24	168	73176	3.85	ng	#	95
57) Fluorene	10.59	166	120432	8.54	ng		94
64) 4,6-Dinitro-2-methylphenol	10.83	198	501	5.17	ng	#	1
70) Phenanthrene	11.55	178	681925	32.96	ng		98
71) Anthracene	11.61	178	260404	12.88	ng		97
72) Carbazole	11.77	167	78946	4.09	ng		99
74) Fluoranthene	12.75	202	924792	45.69	ng		94
77) Pyrene	12.98	202	899775	43.12	ng		99
80) Benzo(a)anthracene	14.17	228	394548	25.49	ng	#	89
82) Chrysene	14.17	228	394548	23.87	ng		93
85) Indeno(1,2,3-cd)pyrene	17.19	276	137140	11.21	ng		98
87) Benzo(b)fluoranthene	15.23	252	437915	35.02	ng	#	94
88) Benzo(k)fluoranthene	15.23	252	437915	42.11	ng	#	94
89) Benzo(a)pyrene	15.61	252	241455	22.82	ng	#	95
90) Dibenzo(a,h)anthracene	17.20	278	34618	4.05	ng	#	63
91) Benzo(g,h,i)perylene	17.64	276	136347	15.76	ng	#	92

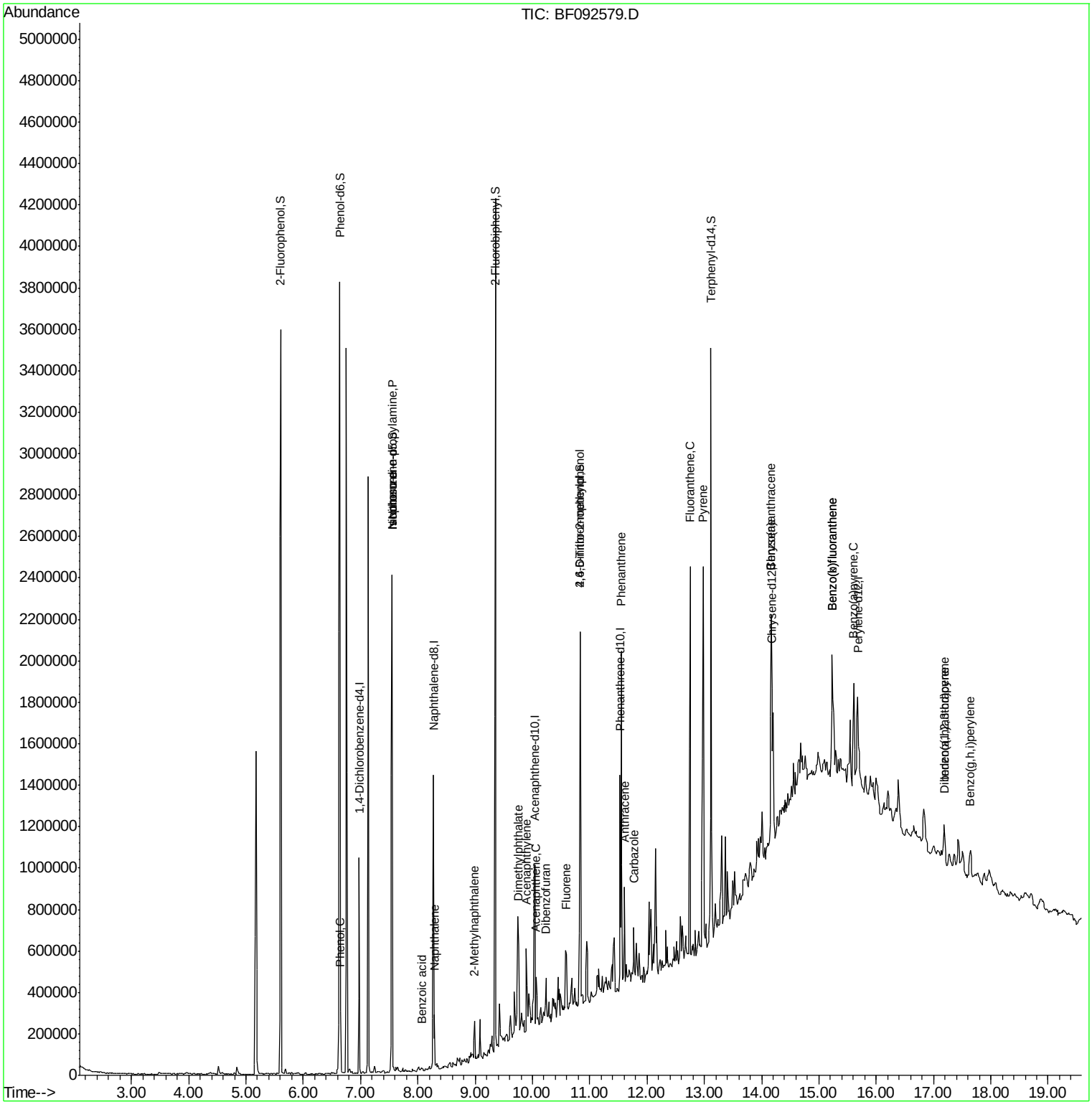
(#) = qualifier out of range (m) = manual integration (+) = signals summed

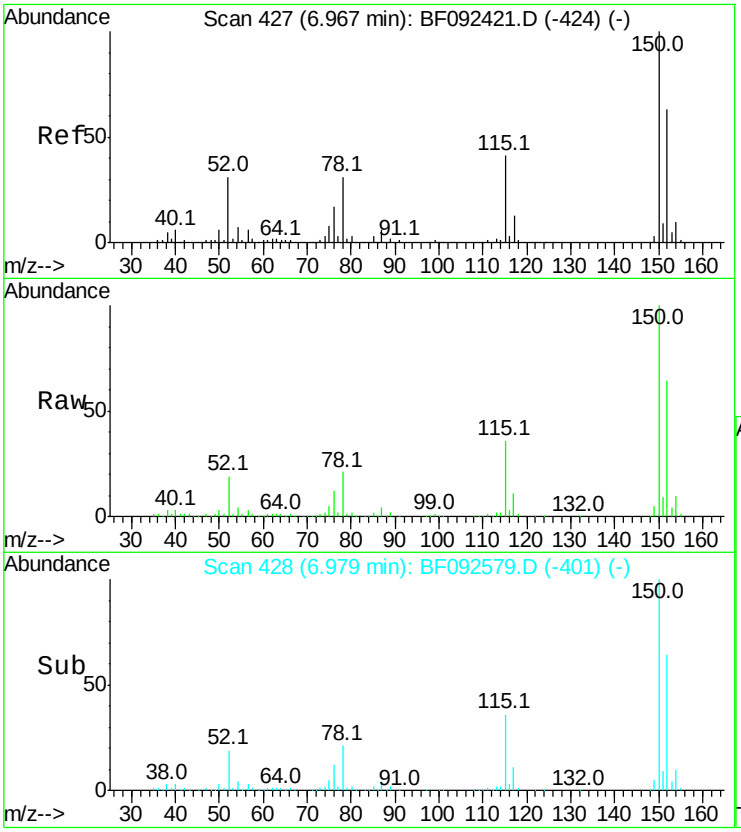
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092579.D
Acq On : 27 Jan 2017 16:06
Operator : SJ/MA
Sample : I1265-04RE
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 27 17:14:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



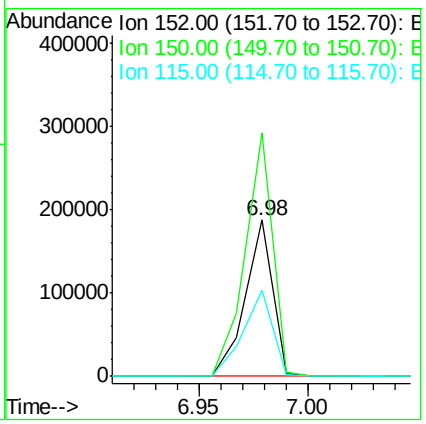


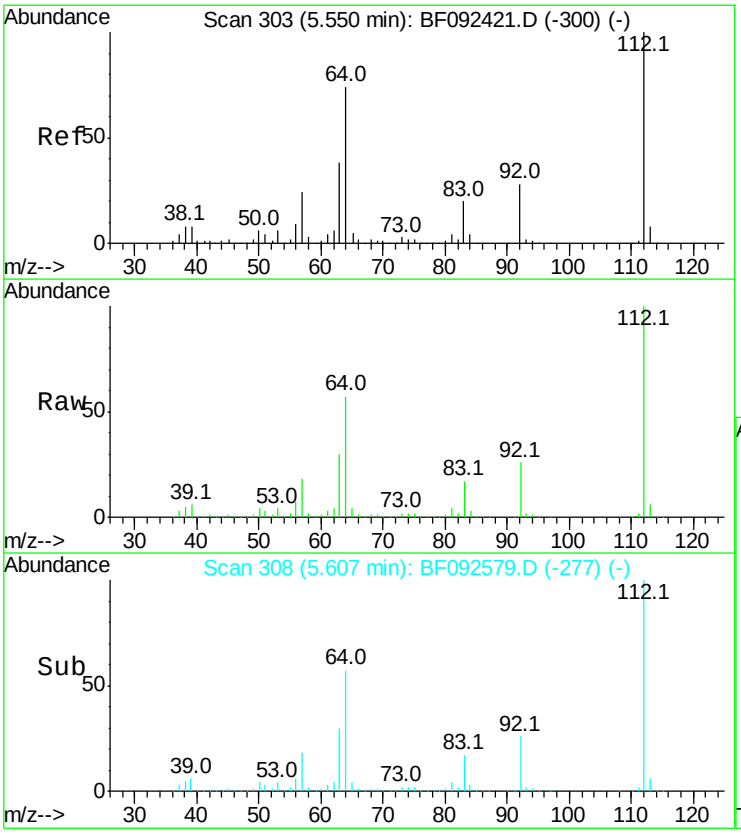
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 163591

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	55.3	46.0	69.0

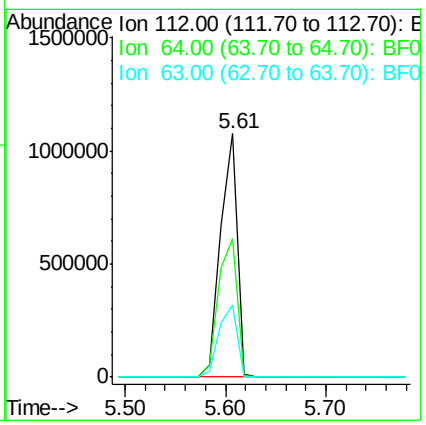


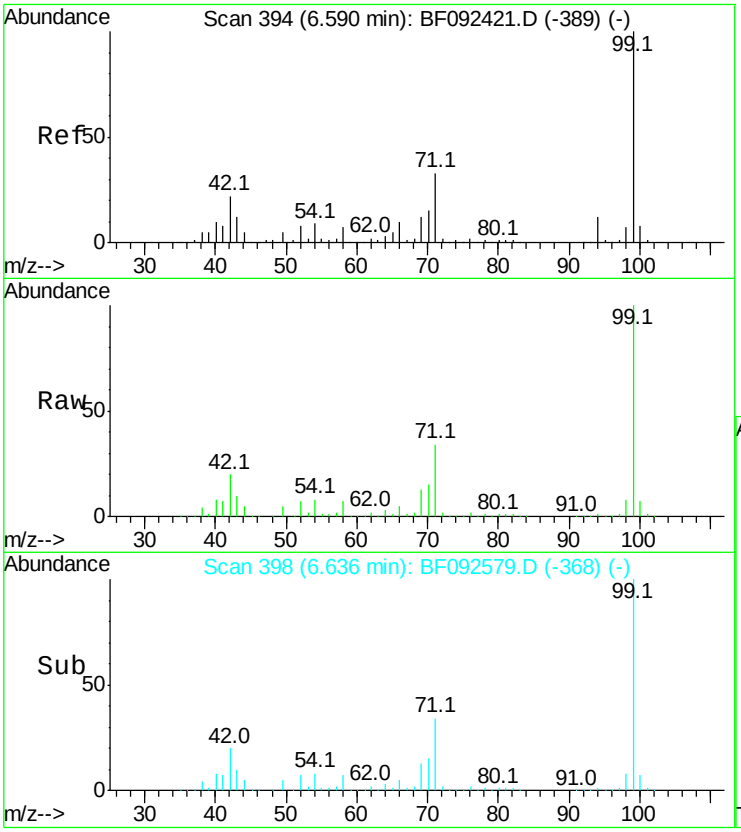


#5
2-Fluorophenol
Concen: 118.89 ng
RT: 5.61 min Scan# 308
Delta R.T. 0.06 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:112 Resp: 1250113

Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.1	69.1
63	29.7	23.8	35.6



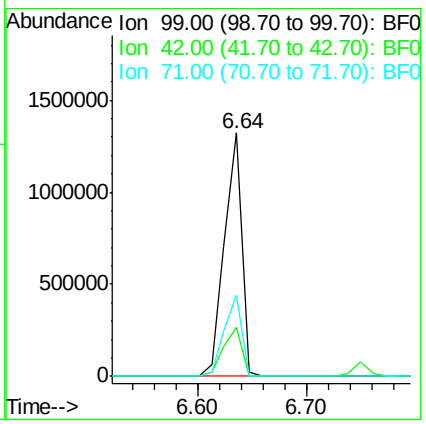


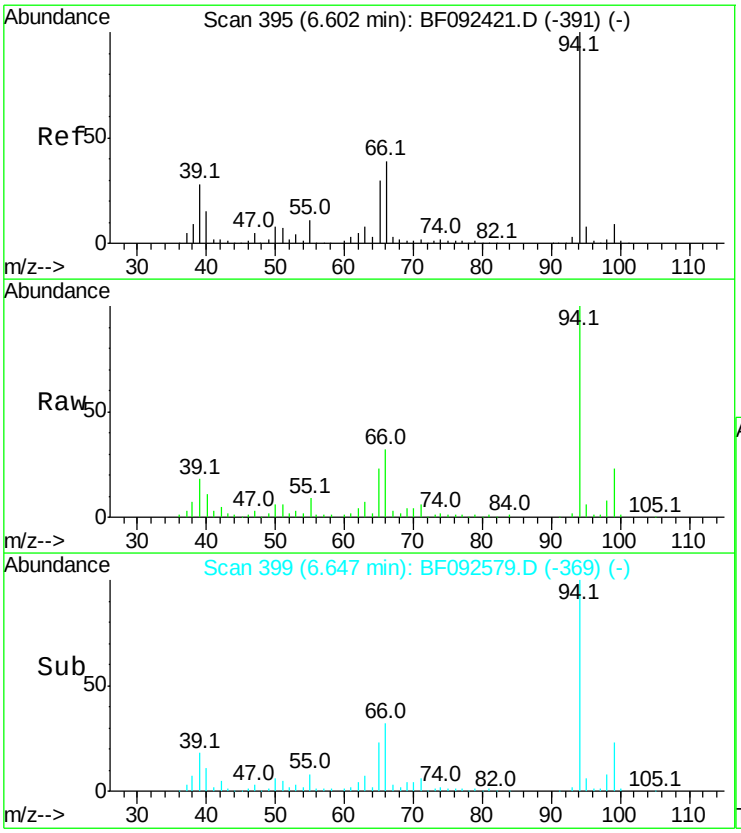
#7
Phenol-d6
Concen: 109.03 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.05 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1460247

Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.6	23.4
71	33.5	27.5	41.3

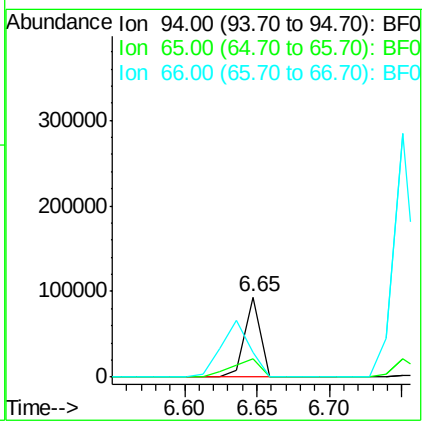


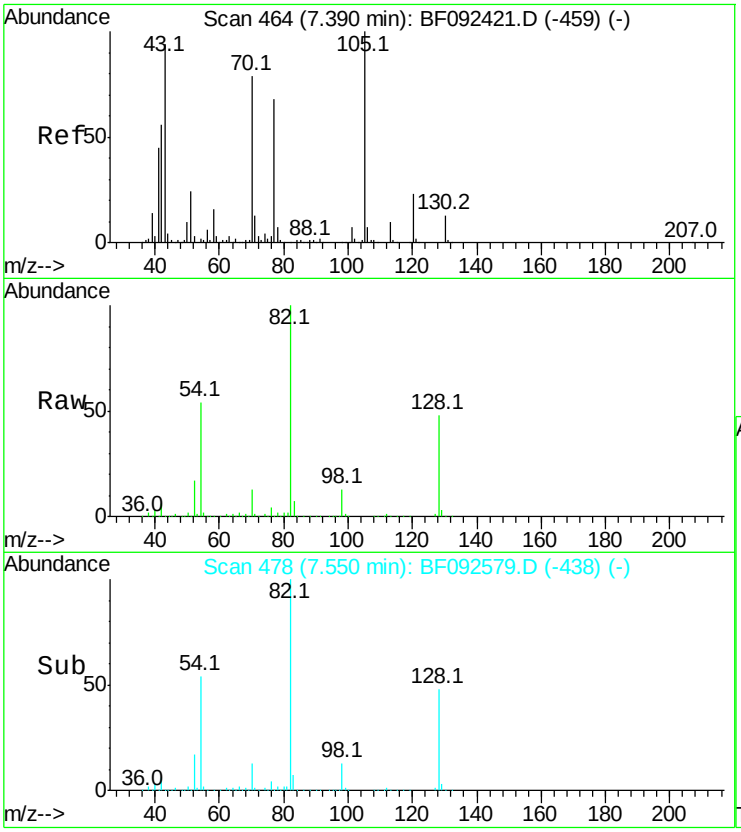


#10
Phenol
Concen: 4.36 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.05 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion: 94 Resp: 70539

Ion	Ratio	Lower	Upper
94	100		
65	23.4	21.4	61.4
66	31.7	44.0	84.0#



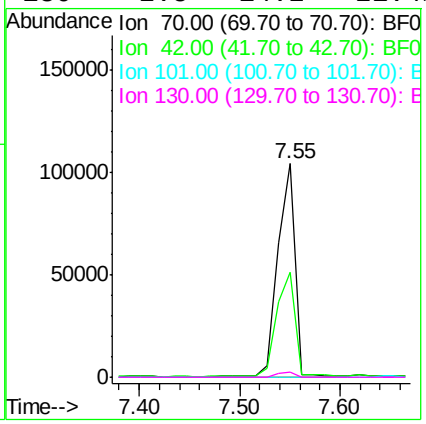


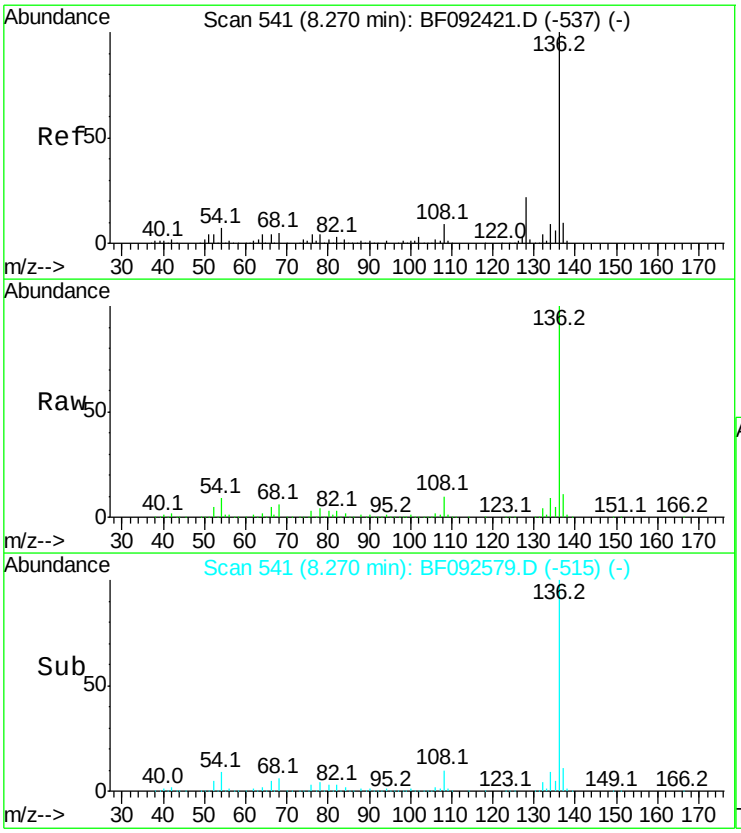
#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.16 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 124305

Ion	Ratio	Lower	Upper
70	100		
42	49.0	49.4	74.0#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#

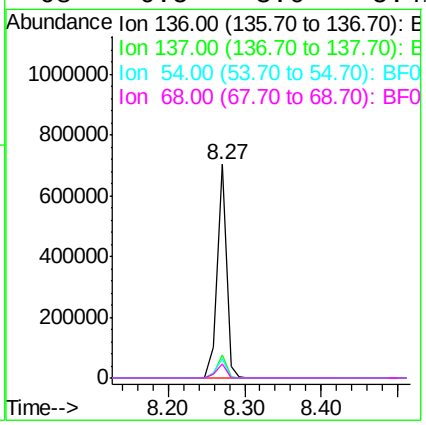


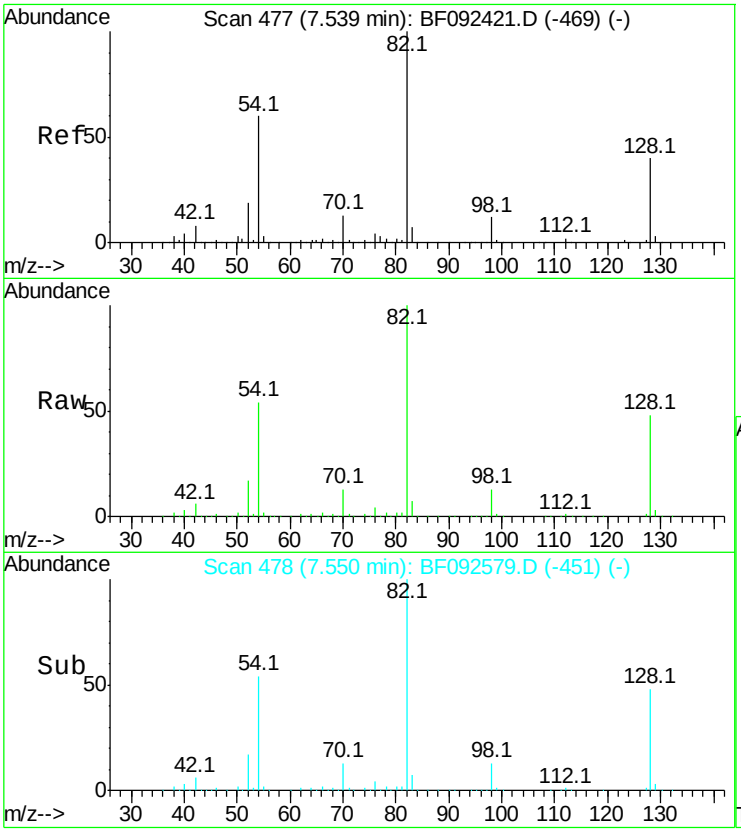


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:136 Resp: 586131

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.5	3.6	5.4#



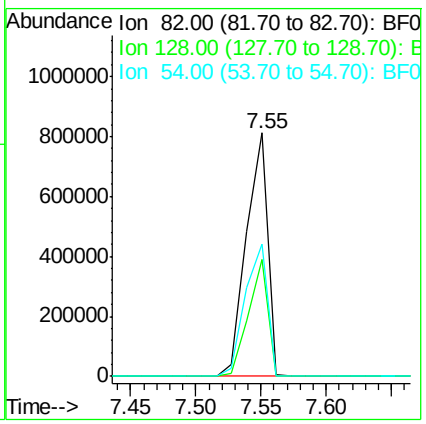


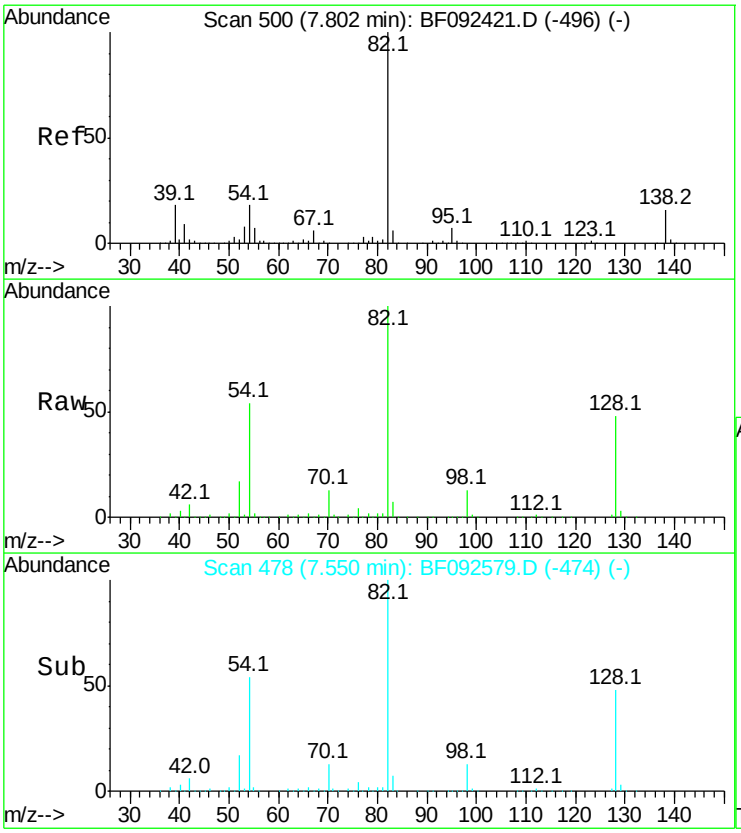
#23
Nitrobenzene-d5
Concen: 86.03 ng
RT: 7.55 min Scan# 478
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 923138

Ion	Ratio	Lower	Upper
82	100		
128	48.3	34.6	52.0
54	54.1	39.5	59.3

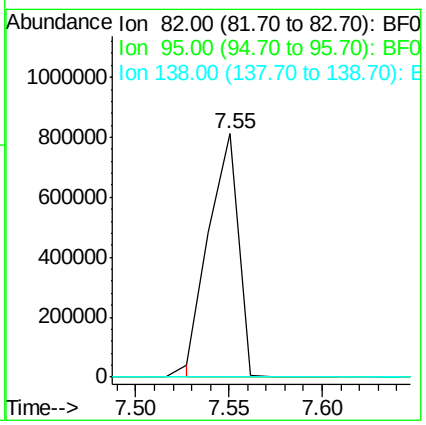


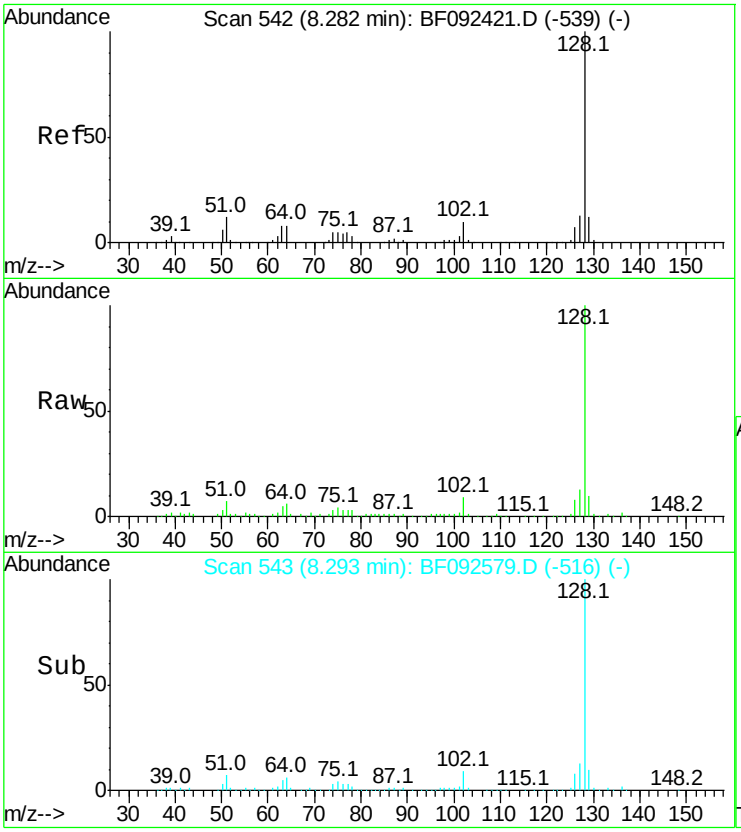


#25
Isophorone
Concen: 42.14 ng
RT: 7.55 min Scan# 478
Delta R.T. -0.25 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion: 82 Resp: 891075

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.6	8.4#
138	0.0	14.6	22.0#



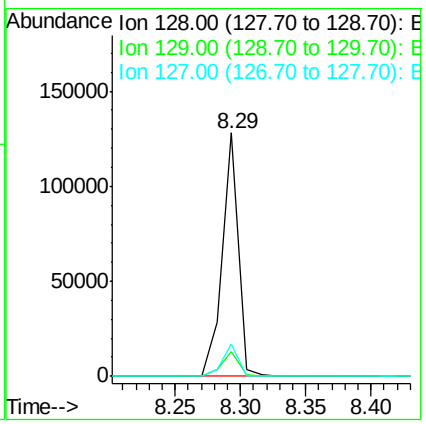


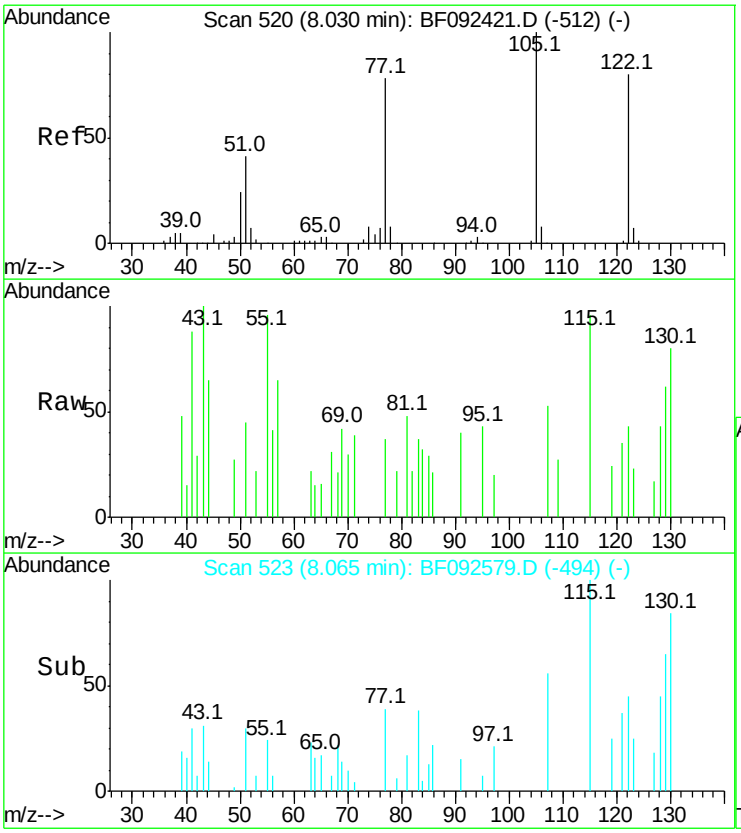
#31
Naphthalene
Concen: 3.70 ng
RT: 8.29 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 111023

Ion	Ratio	Lower	Upper
128	100		
129	10.1	9.5	14.3
127	13.1	10.8	16.2

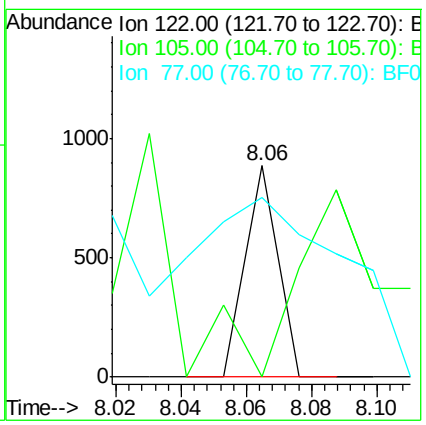


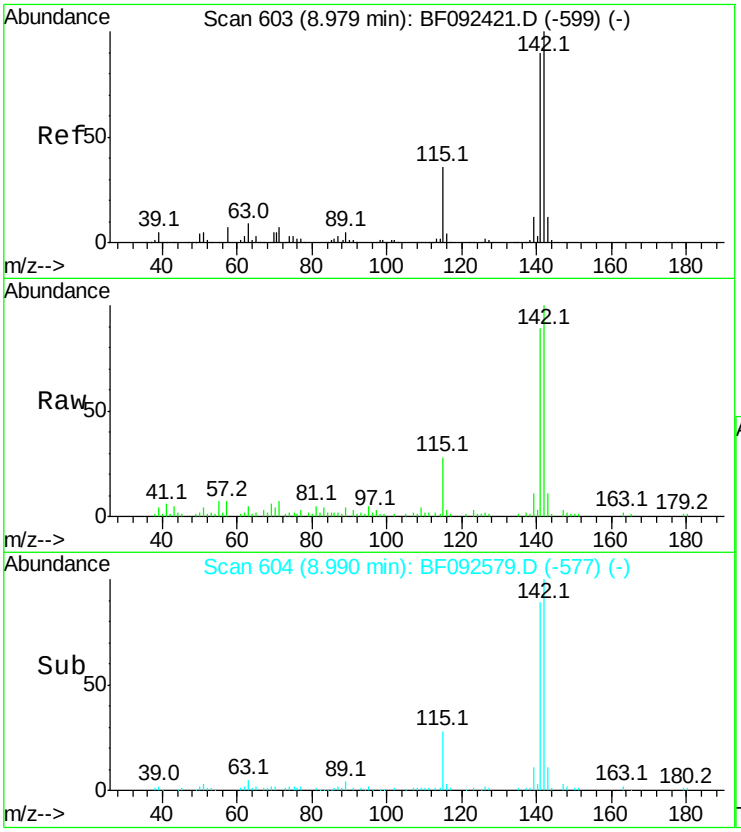


#32
Benzoic acid
Concen: 4.77 ng
RT: 8.06 min Scan# 523
Delta R.T. 0.03 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:122 Resp: 608

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	84.9	74.5	114.5



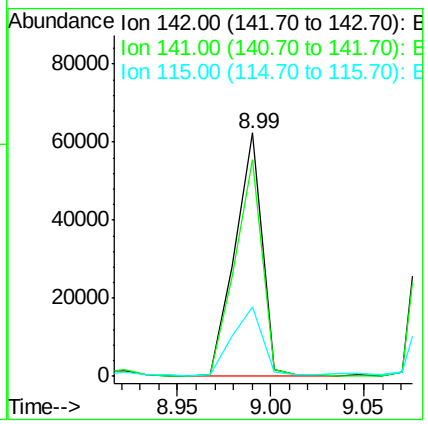


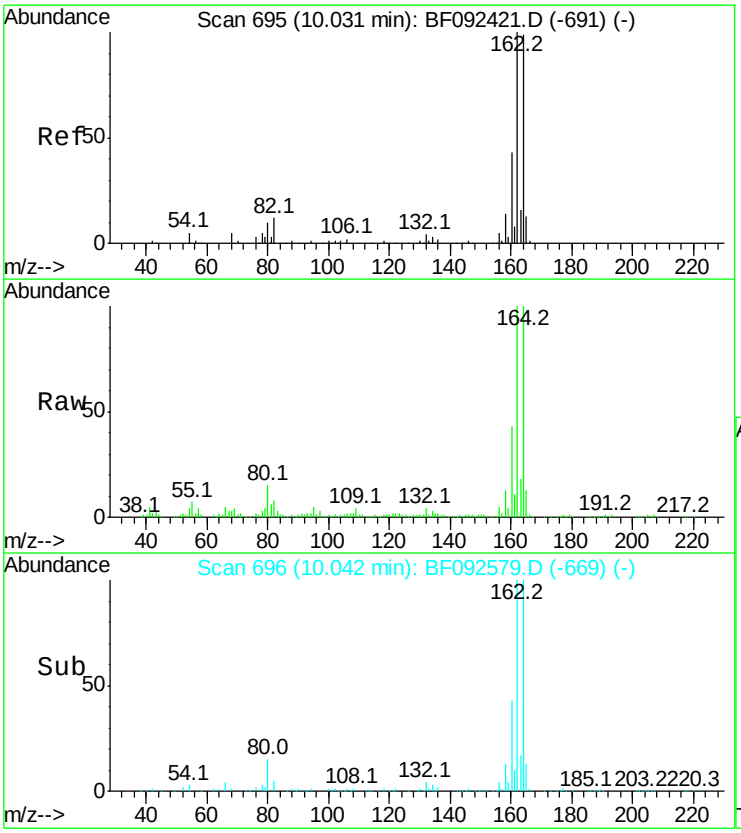
#37
2-Methylnaphthalene
Concen: 3.37 ng
RT: 8.99 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:142 Resp: 63925

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6
115	28.3	28.3	42.5

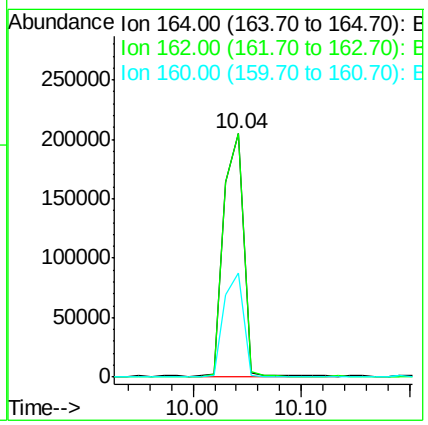


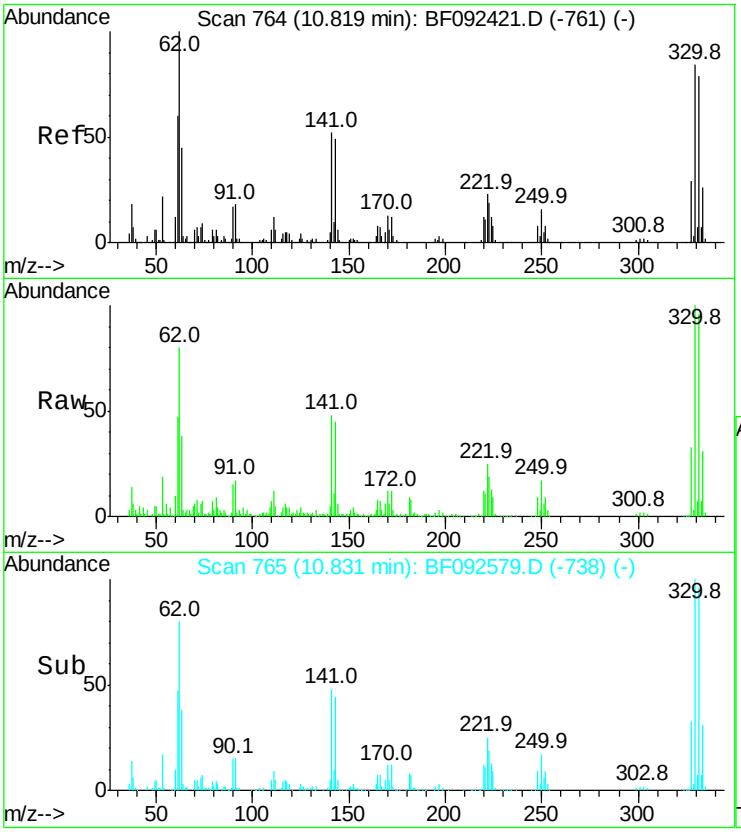


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:164 Resp: 260408

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.2	120.2
160	42.8	36.9	55.3



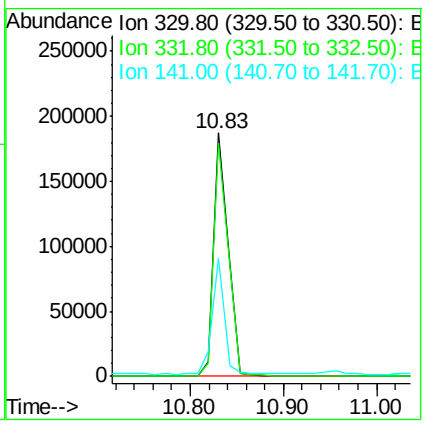


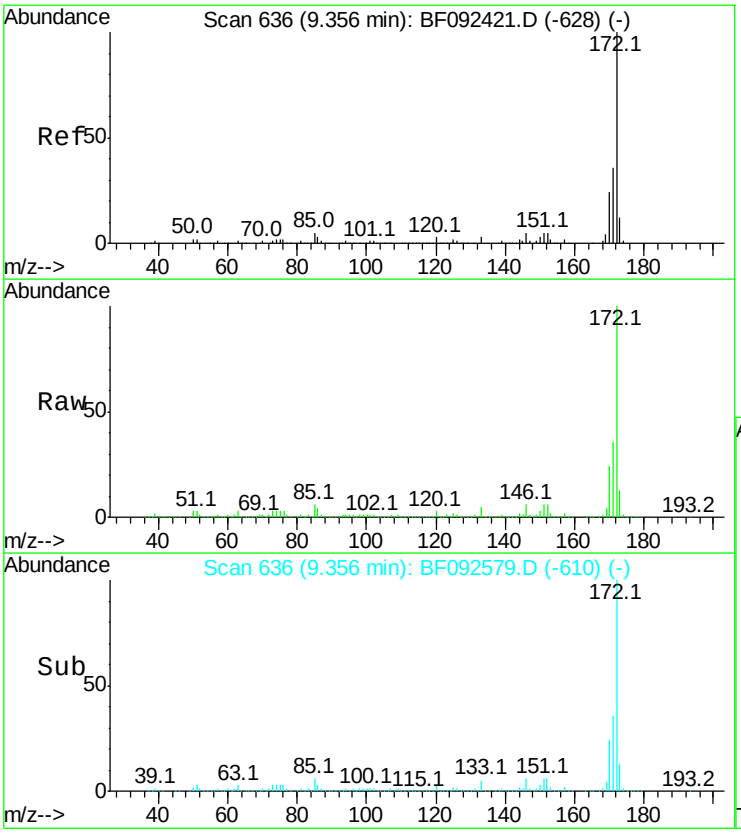
#41
2,4,6-Tribromophenol
Concen: 112.30 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 199285

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	42.0	34.1	51.1

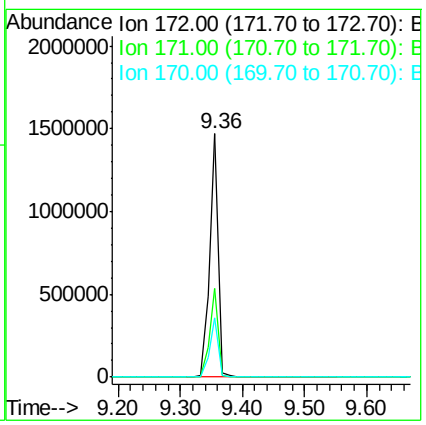


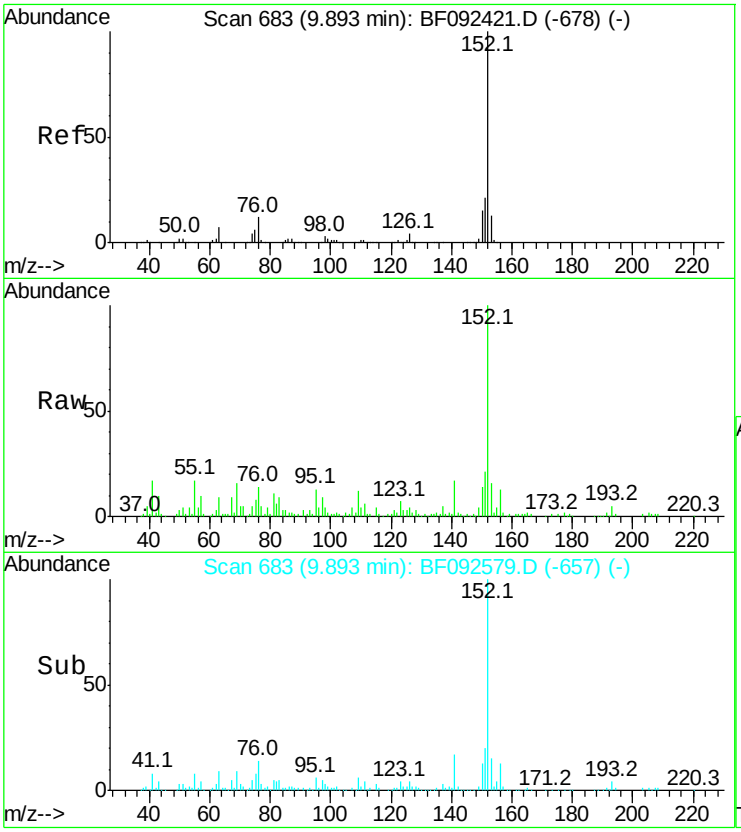


#44
2-Fluorobiphenyl
Concen: 98.99 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:172 Resp: 1394064

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.3	20.2	30.4



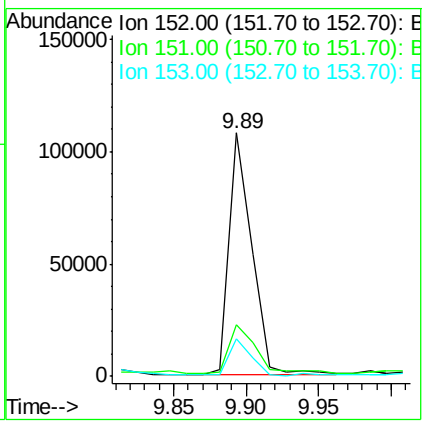


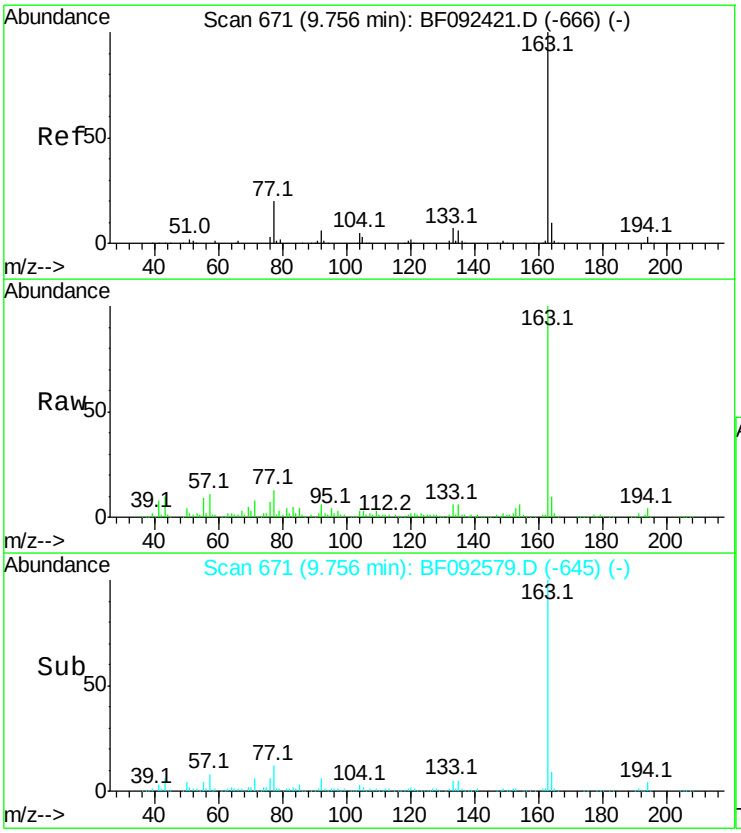
#48
Acenaphthylene
Concen: 5.27 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 118803

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.9	25.3
153	15.6	11.4	17.2

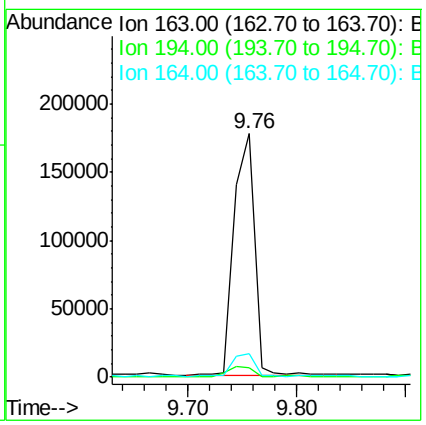


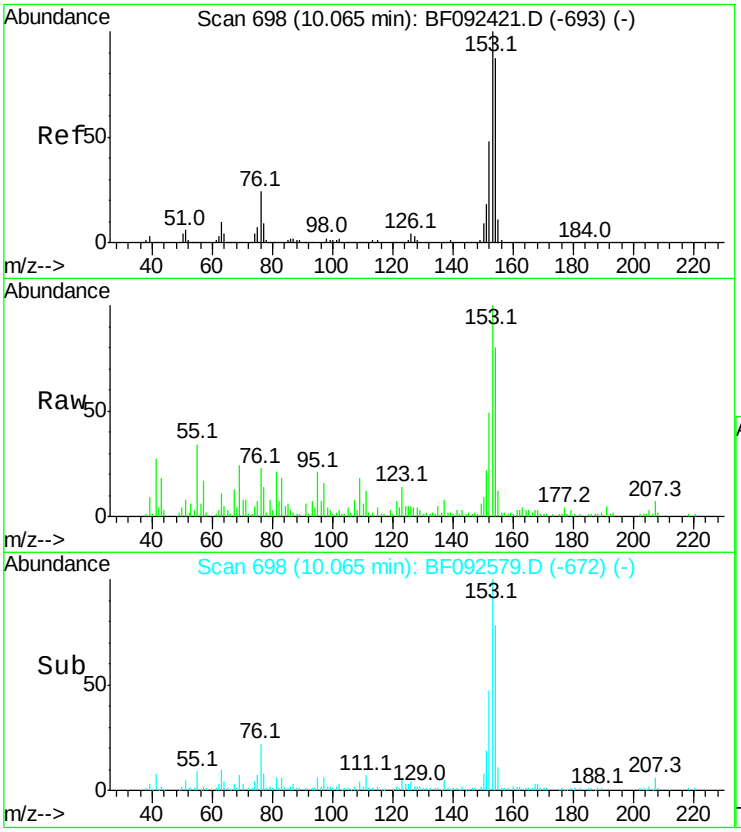


#49
Dimethylphthalate
Concen: 13.72 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:163 Resp: 227261

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.7	8.0	12.0



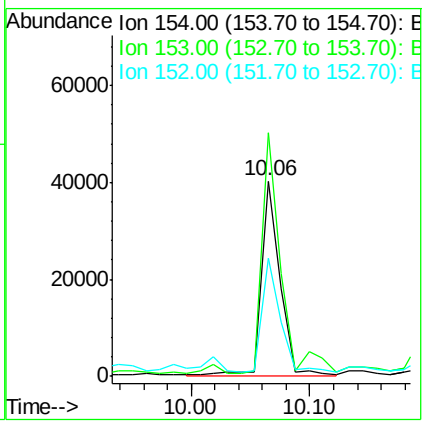


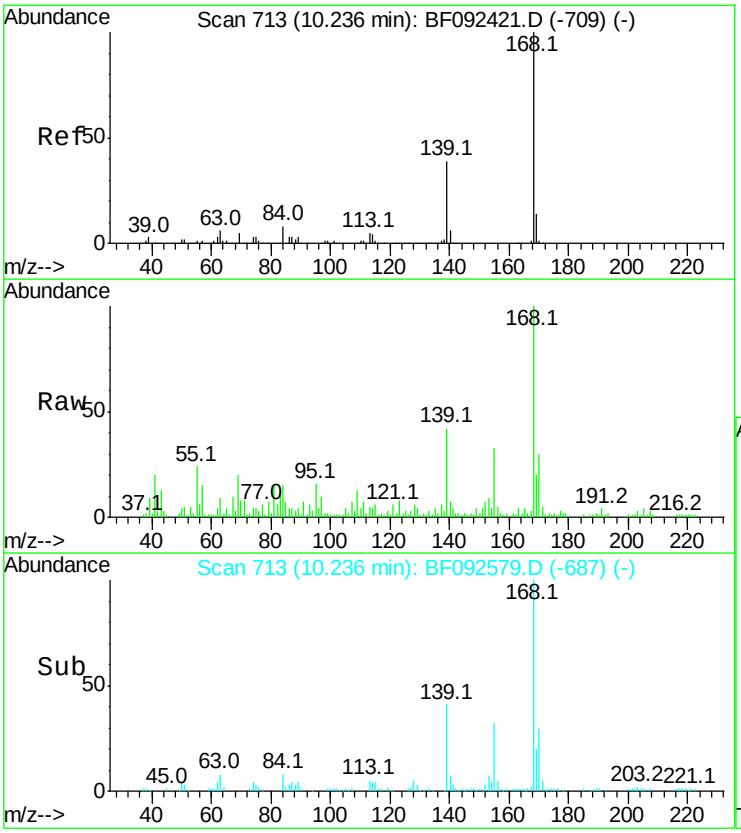
#51
Acenaphthene
Concen: 3.11 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 43610

Ion	Ratio	Lower	Upper
154	100		
153	124.5	88.6	133.0
152	60.5	41.6	62.4

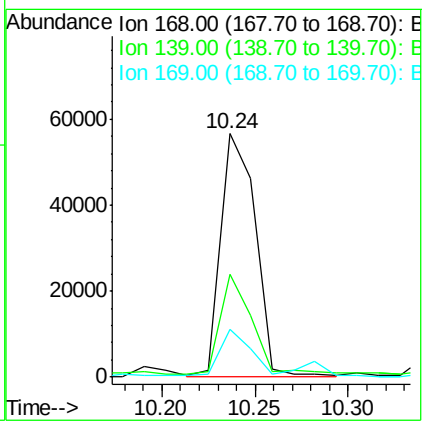


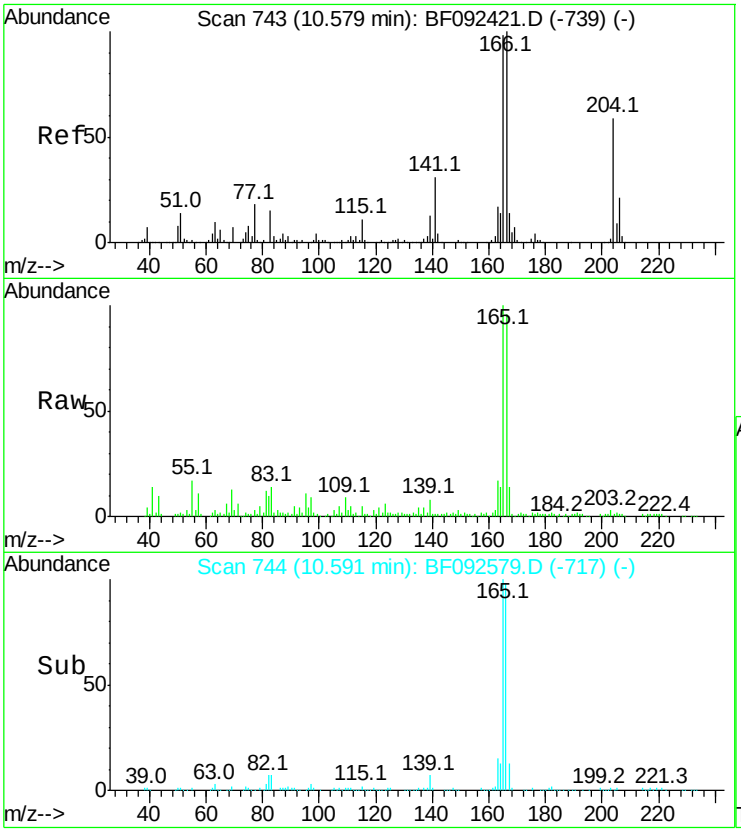


#54
Dibenzofuran
Concen: 3.85 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:168 Resp: 73176

Ion	Ratio	Lower	Upper
168	100		
139	42.3	32.6	49.0
169	19.7	11.3	16.9#



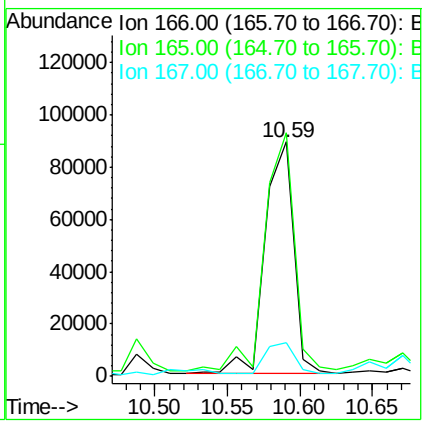


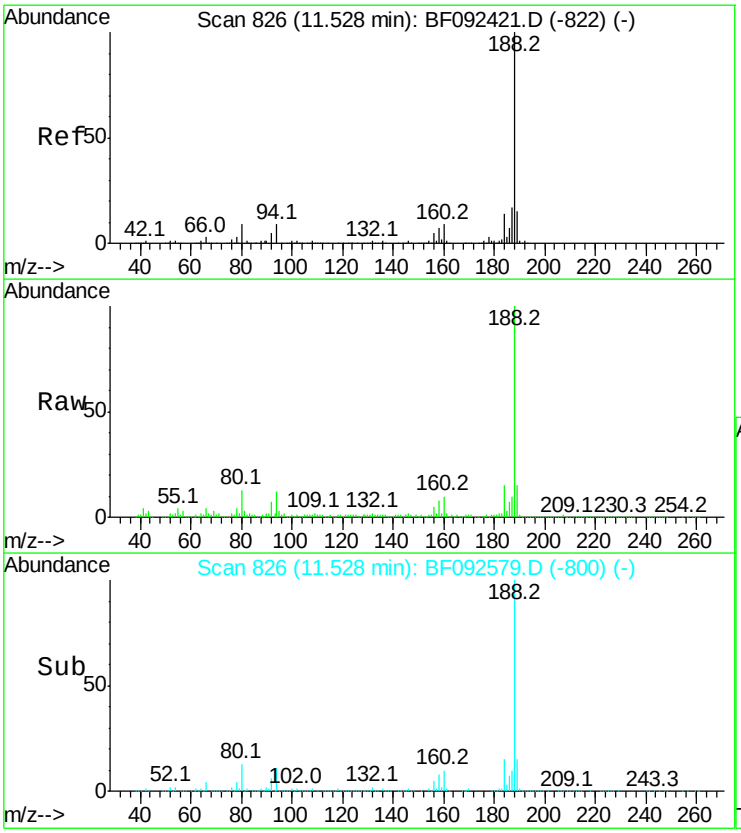
#57
Fluorene
Concen: 8.54 ng
RT: 10.59 min Scan# 744
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 120432

Ion	Ratio	Lower	Upper
166	100		
165	104.0	77.8	116.8
167	14.5	10.8	16.2

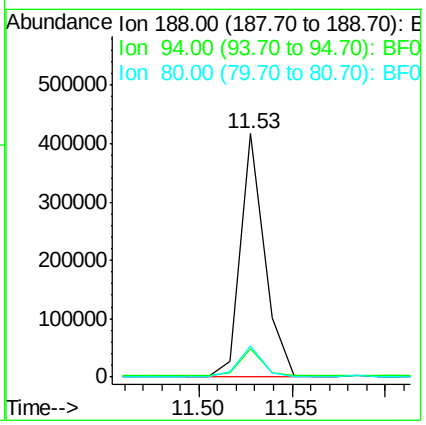


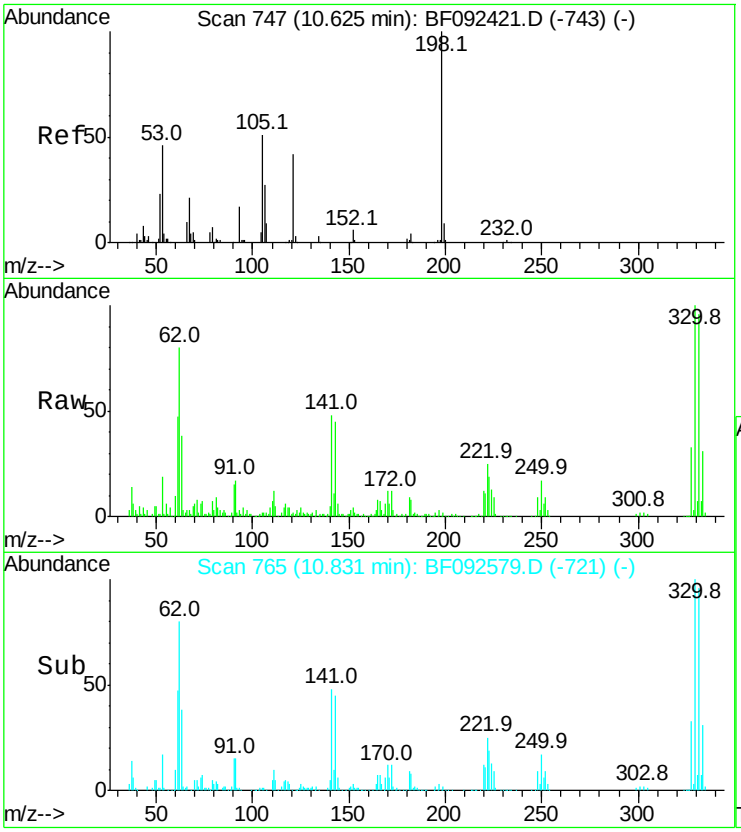


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.53 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:188 Resp: 375721

Ion	Ratio	Lower	Upper
188	100		
94	11.5	10.0	15.0
80	13.0	11.2	16.8



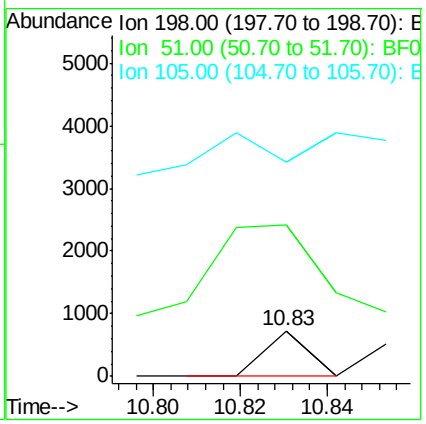


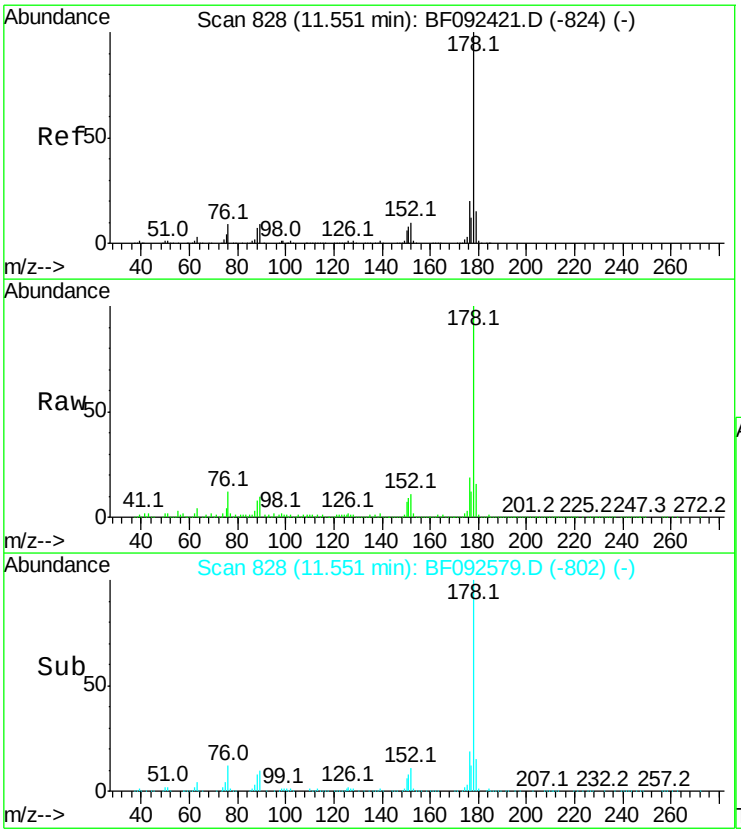
#64
4,6-Dinitro-2-methylphenol
Concen: 5.17 ng
RT: 10.83 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 501

Ion	Ratio	Lower	Upper
198	100		
51	331.6	6.7	46.7#
105	468.6	16.6	56.6#

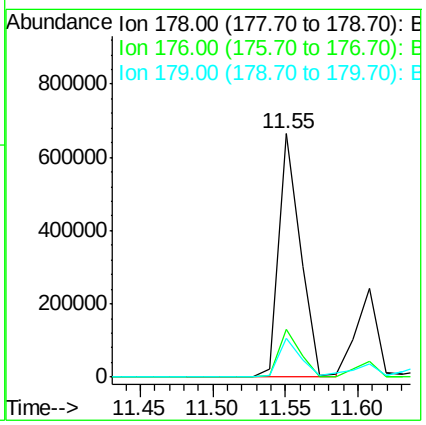


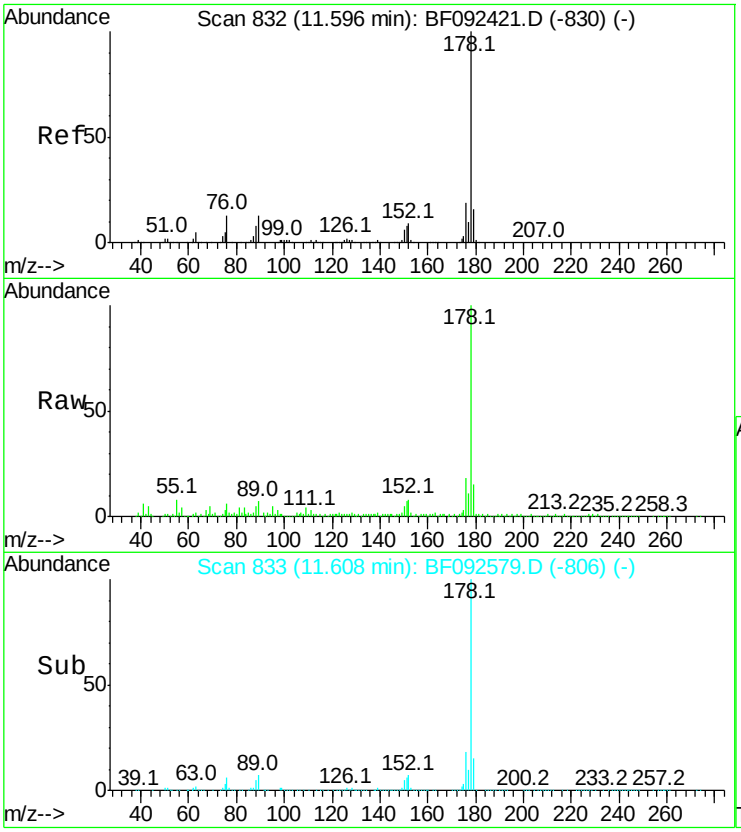


#70
Phenanthrene
Concen: 32.96 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:178 Resp: 681925

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.6	25.0
179	15.9	12.8	19.2



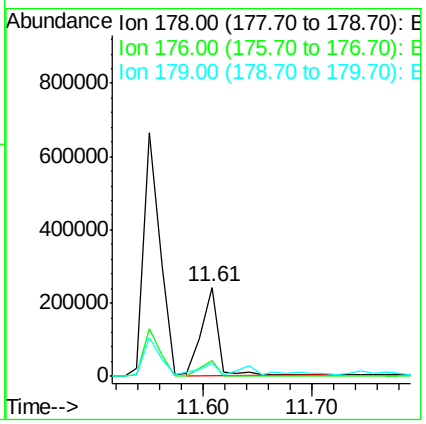


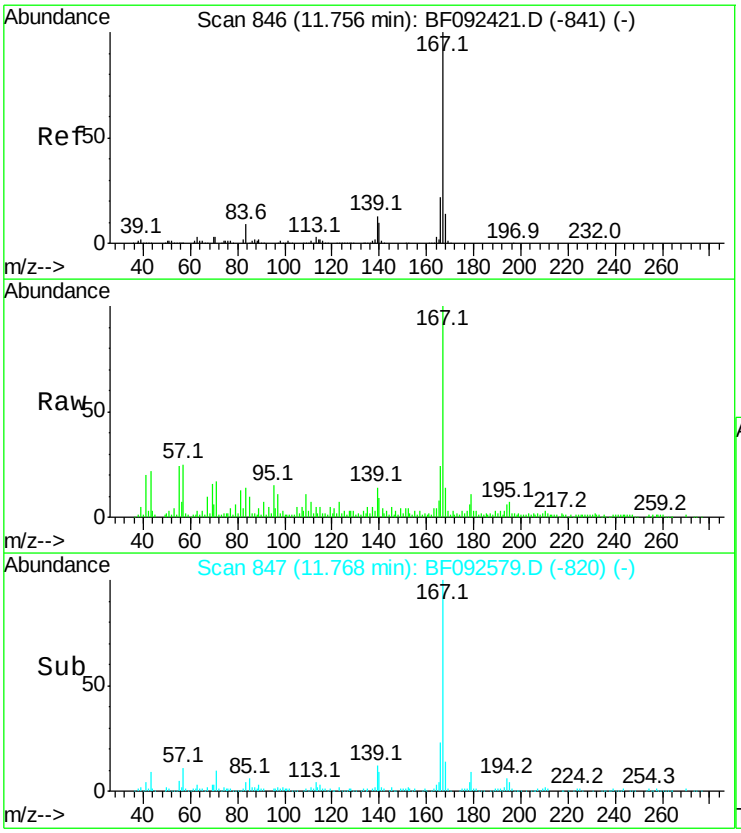
#71
Anthracene
Concen: 12.88 ng
RT: 11.61 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 260404

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.4	13.2	19.8

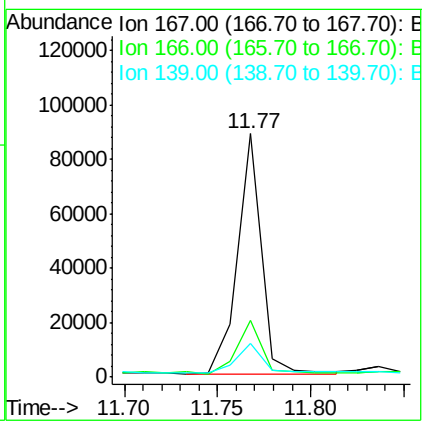


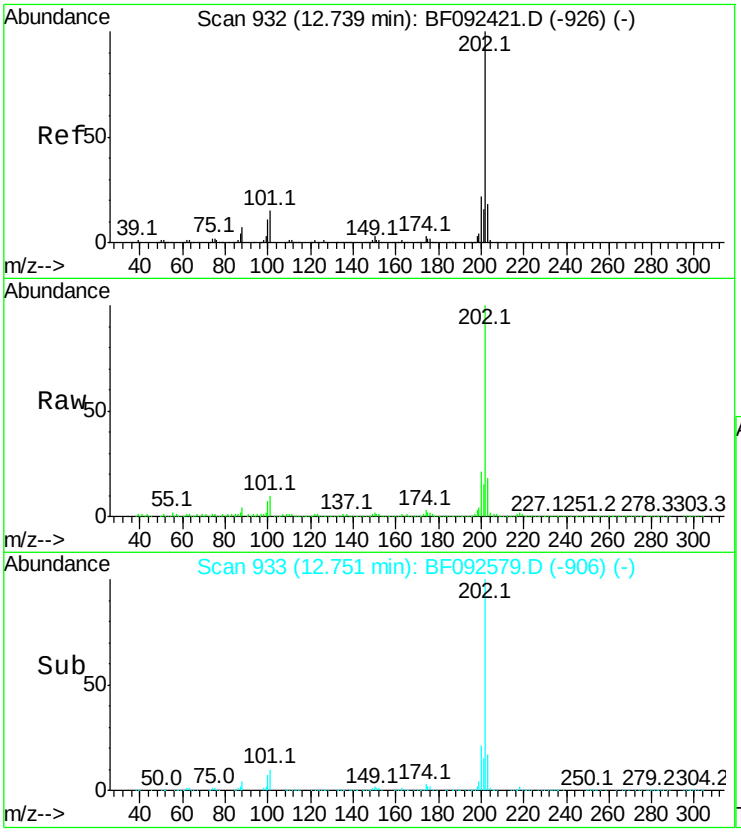


#72
Carbazole
Concen: 4.09 ng
RT: 11.77 min Scan# 847
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:167 Resp: 78946

Ion	Ratio	Lower	Upper
167	100		
166	23.5	18.2	27.2
139	13.9	11.4	17.2



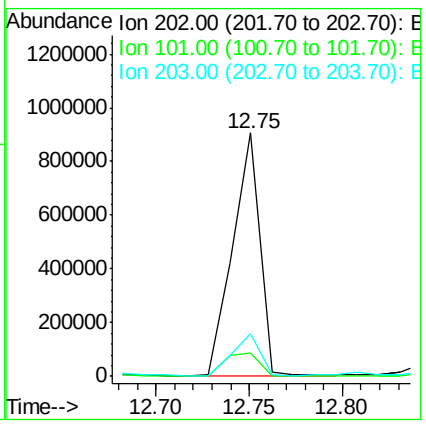


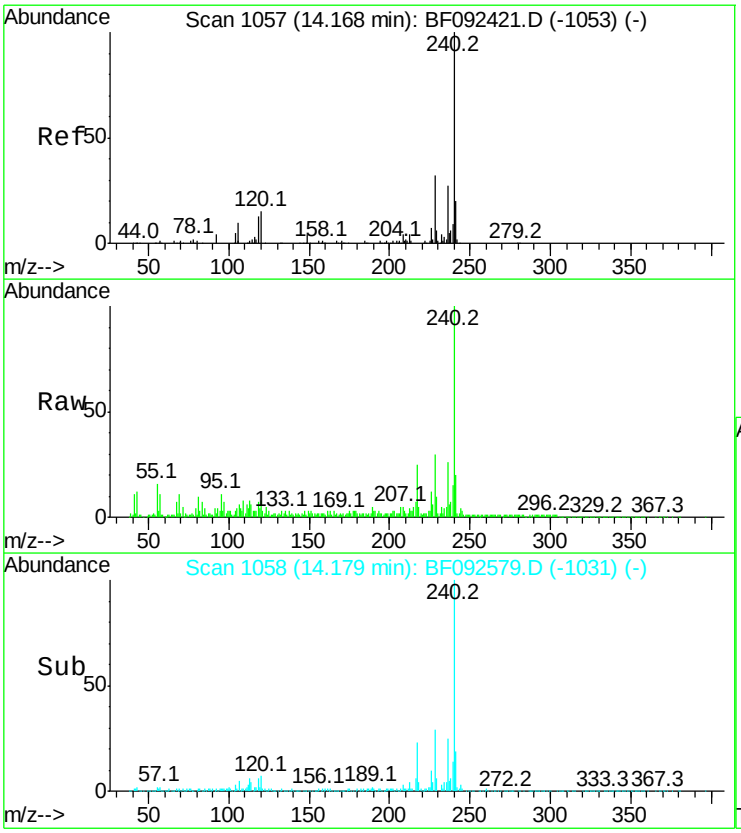
#74
Fluoranthene
Concen: 45.69 ng
RT: 12.75 min Scan# 933
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 924792

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	34.6
203	17.7	0.0	38.7

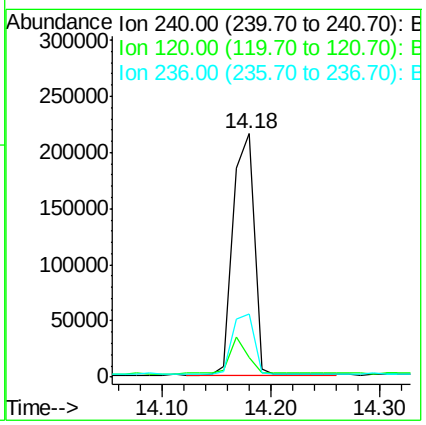


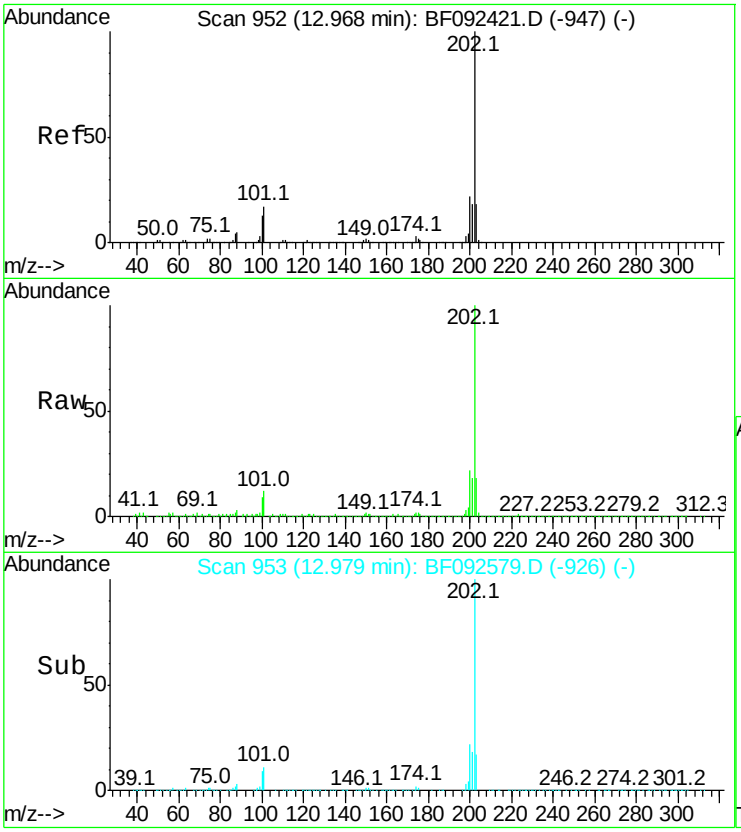


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.18 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:240 Resp: 287986

Ion	Ratio	Lower	Upper
240	100		
120	8.2	12.9	19.3#
236	25.9	20.9	31.3



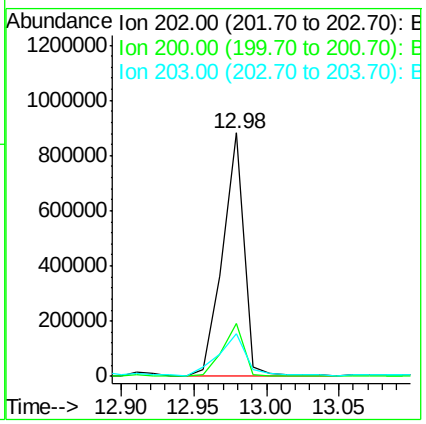


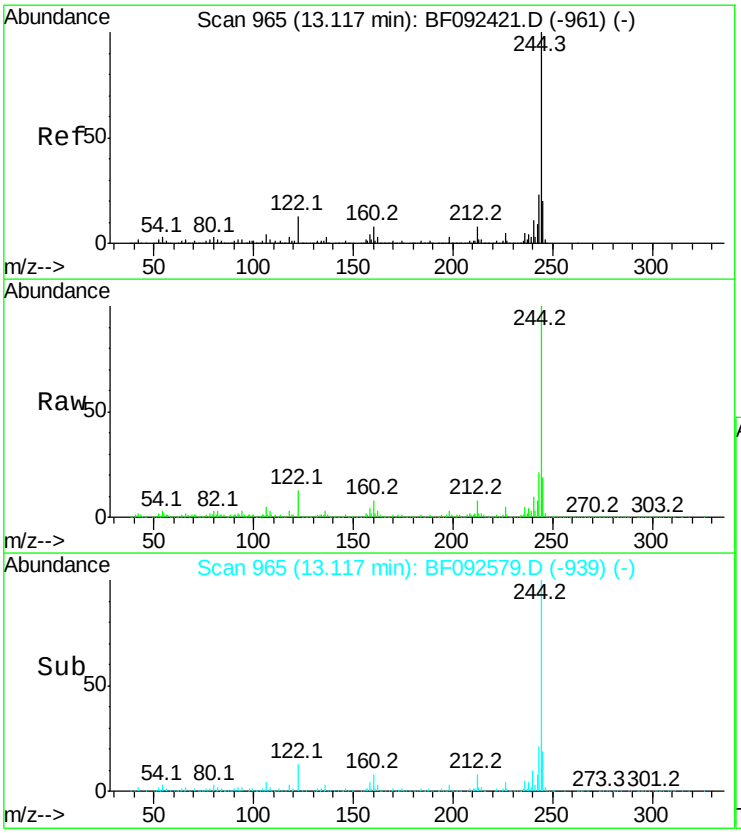
#77
Pyrene
Concen: 43.12 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 899775

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.7	14.7	22.1

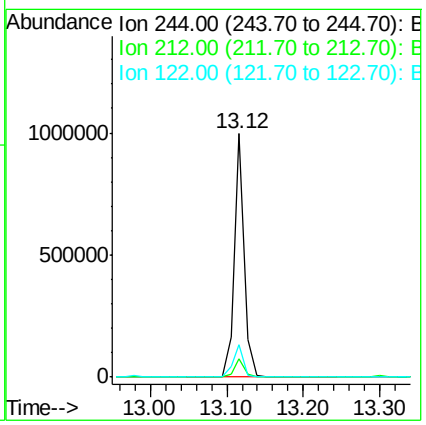


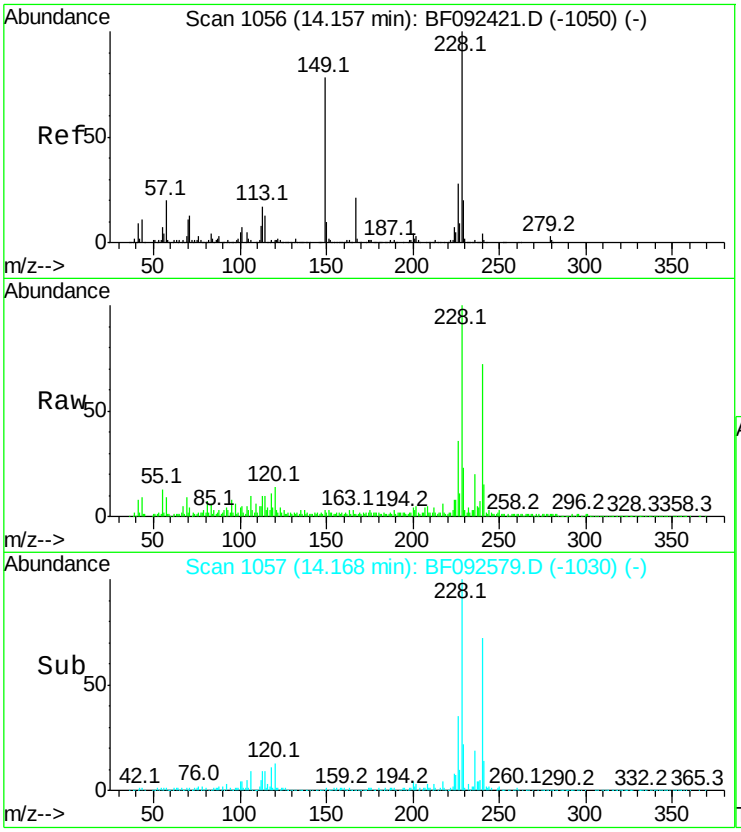


#78
Terphenyl-d14
Concen: 84.20 ng
RT: 13.12 min Scan# 965
Delta R.T. -0.00 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:244 Resp: 910597

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.1	11.4	17.2



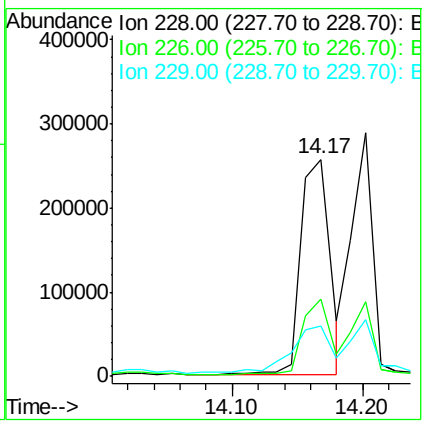


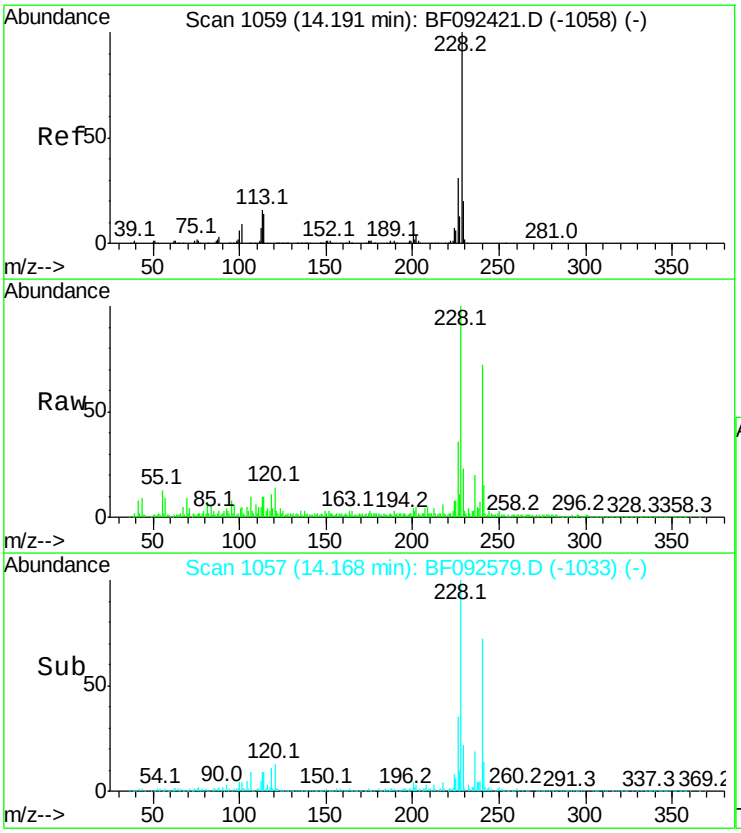
#80
Benzo(a)anthracene
Concen: 25.49 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 394548

Ion	Ratio	Lower	Upper
228	100		
226	35.8	22.4	33.6#
229	23.2	16.2	24.4

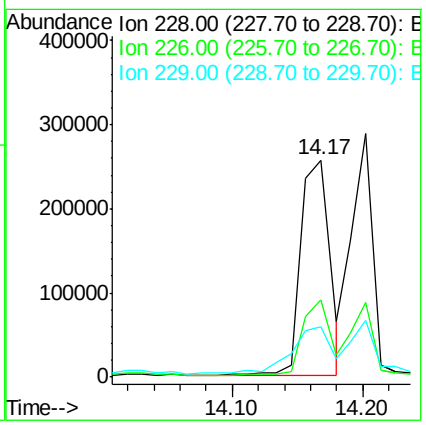


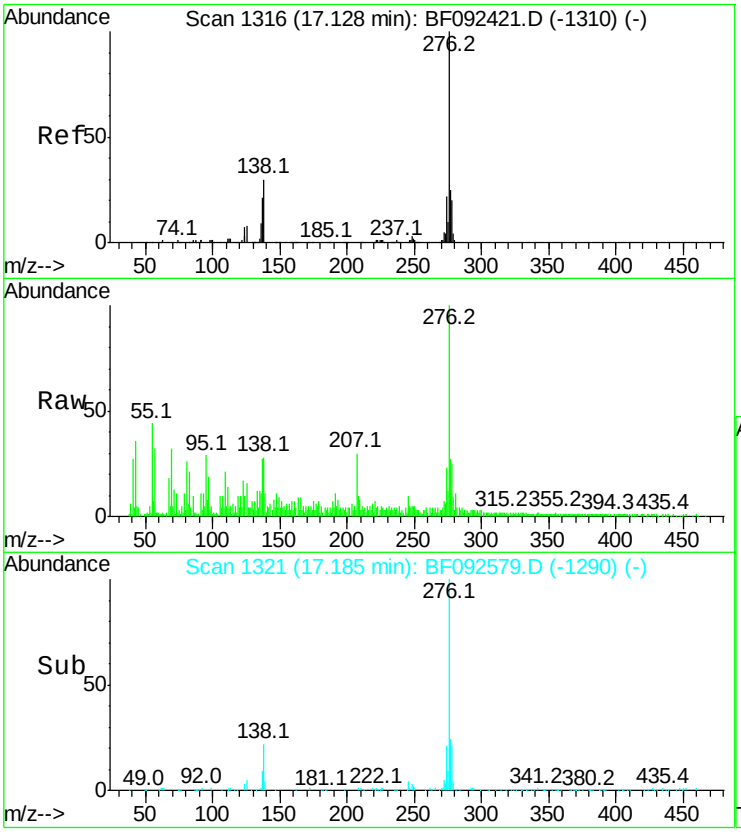


#82
Chrysene
Concen: 23.87 ng
RT: 14.17 min Scan# 1057
Delta R.T. -0.02 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:228 Resp: 394548

Ion	Ratio	Lower	Upper
228	100		
226	35.8	25.4	38.0
229	23.2	16.2	24.2



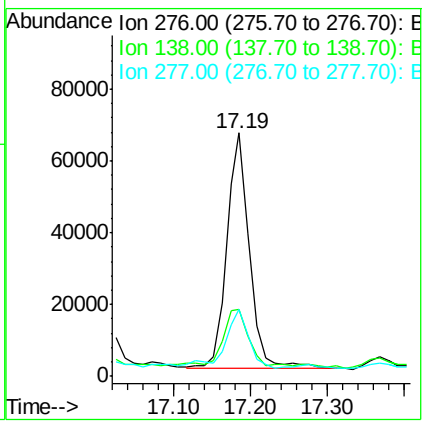


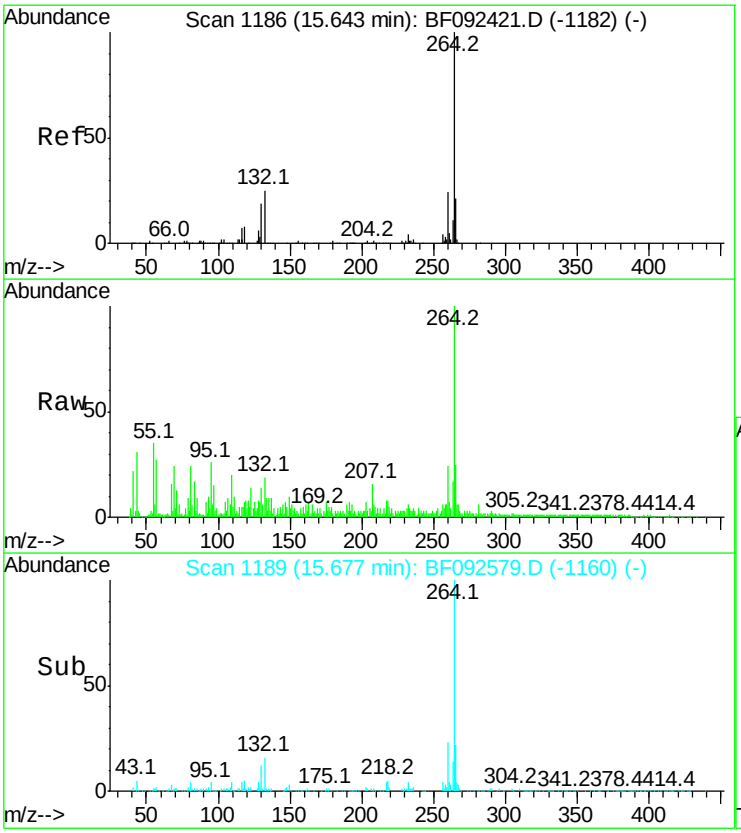
#85
Indeno(1,2,3-cd)pyrene
Concen: 11.21 ng
RT: 17.19 min Scan# 1321
Delta R.T. 0.06 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 137140

Ion	Ratio	Lower	Upper
276	100		
138	26.0	21.8	32.6
277	24.6	20.2	30.4

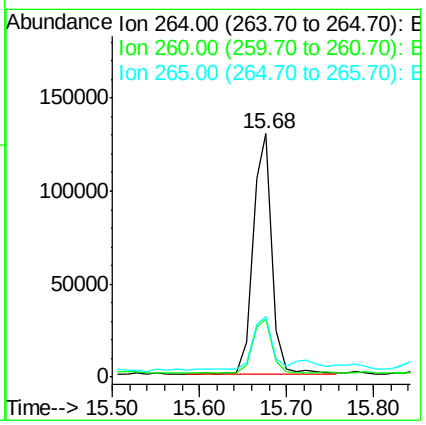


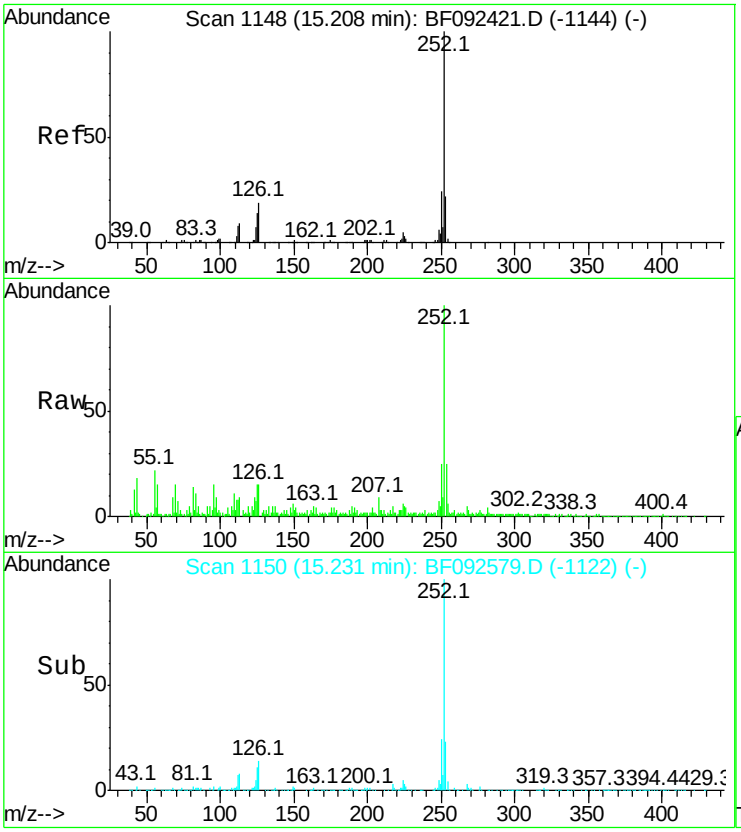


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1189
Delta R.T. 0.03 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:264 Resp: 194806

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	24.8	17.4	26.0



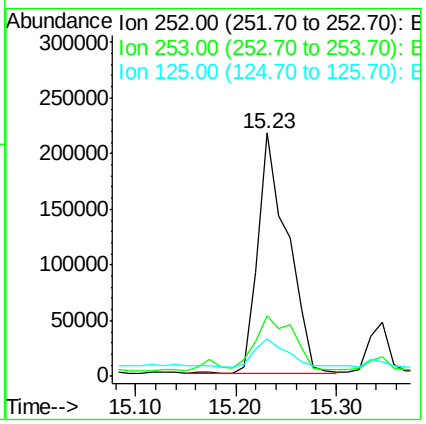


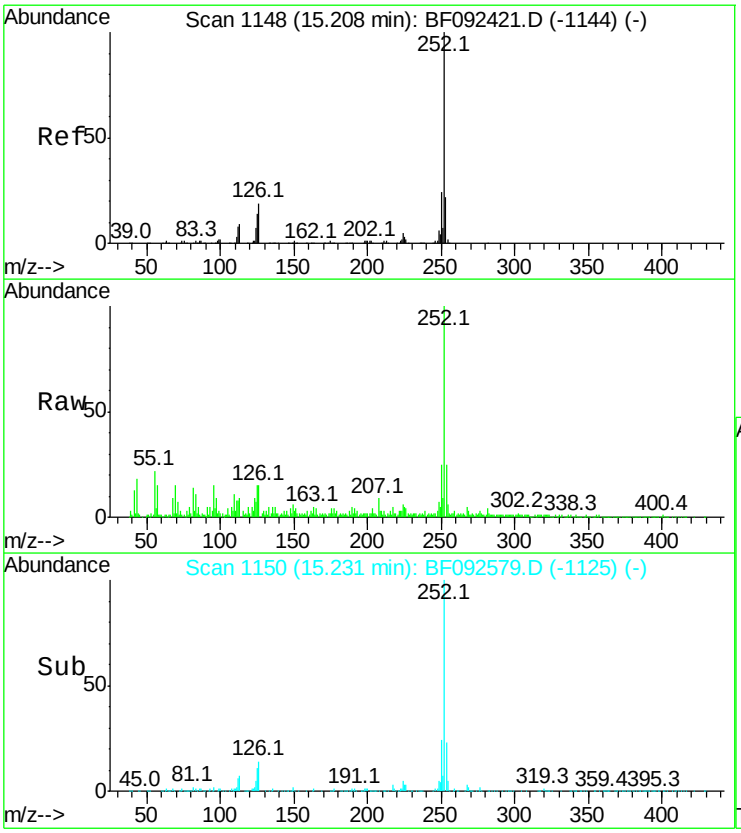
#87
Benzo(b)fluoranthene
Concen: 35.02 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 437915

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.2	27.4
125	15.4	9.8	14.6#

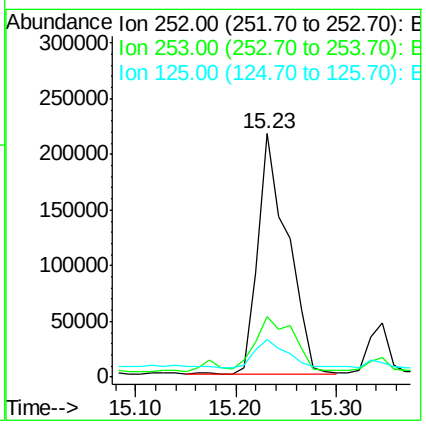


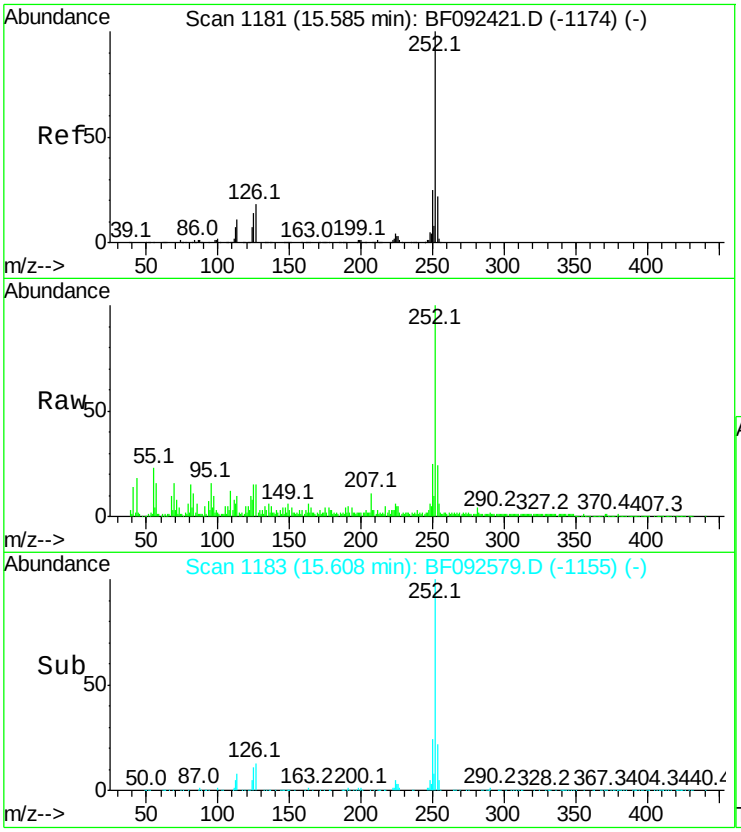


#88
Benzo(k)fluoranthene
Concen: 42.11 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:252 Resp: 437915

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.5	27.7
125	15.4	8.9	13.3#



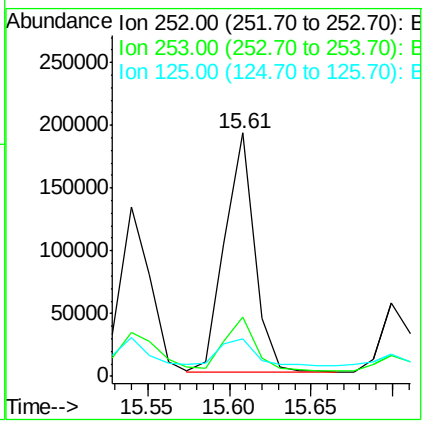


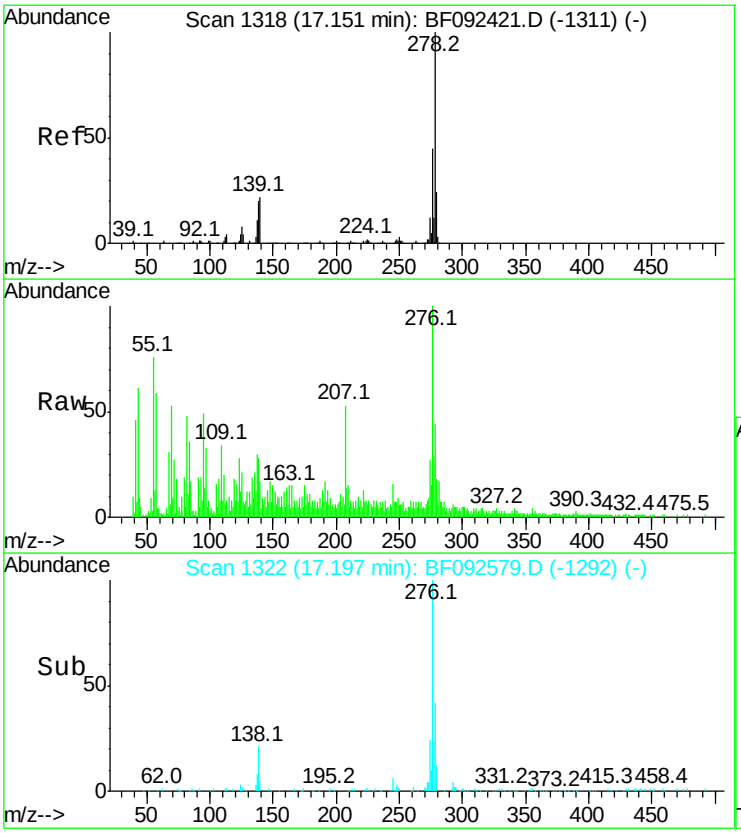
#89
Benzo(a)pyrene
Concen: 22.82 ng
RT: 15.61 min Scan# 1183
Delta R.T. 0.02 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 241455

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.2	27.2
125	15.5	10.0	15.0#

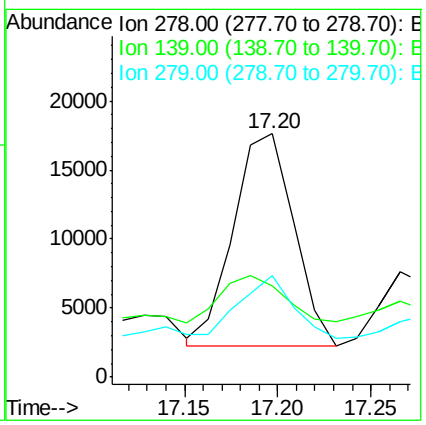


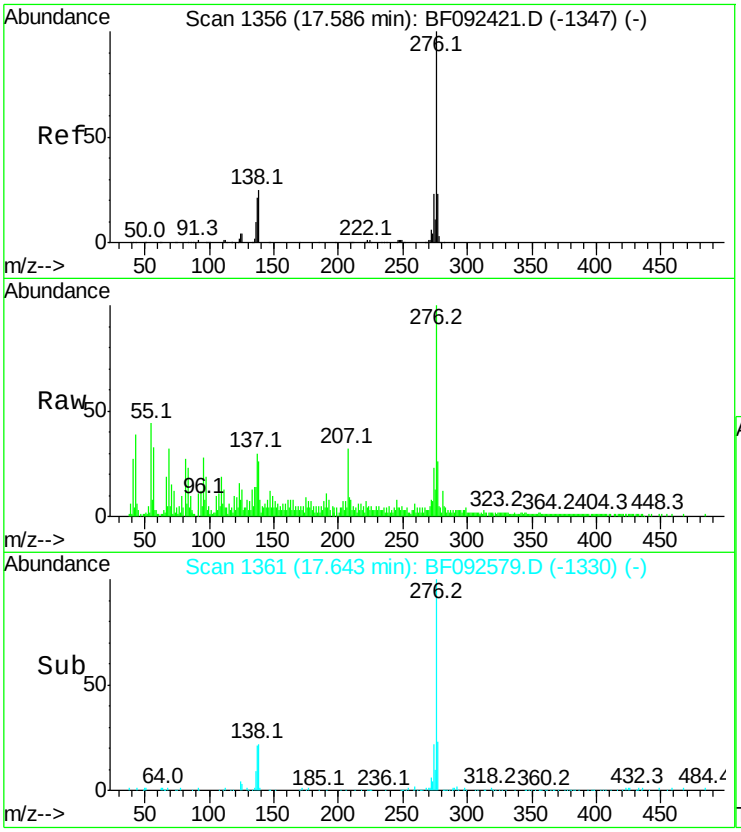


#90
Dibenzo(a,h)anthracene
Concen: 4.05 ng
RT: 17.20 min Scan# 1322
Delta R.T. 0.05 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Tgt Ion:278 Resp: 34618

Ion	Ratio	Lower	Upper
278	100		
139	37.3	14.8	22.2#
279	41.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 15.76 ng
RT: 17.64 min Scan# 1361
Delta R.T. 0.06 min
Lab File: BF092579.D
Acq: 27 Jan 2017 16:06

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 136347

Ion	Ratio	Lower	Upper
276	100		
277	25.9	19.2	28.8
138	26.3	16.0	24.0#