Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089014.D
Acq On : 15 Jul 2016 5:19
Operator : UM/SJ
Sample : H3972-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 15 06:44:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	44358	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	178165	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	71951	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	124744	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	89172	20.00	ng		-0.02
86) Perylene-d12	15.20	264	65432	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	334088	112.88	ng		0.00
7) Phenol-d6	6.35	99	496821	129.91	ng		0.00
23) Nitrobenzene-d5	7.26	82	236882	69.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	69843	104.53	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	384210	84.35	ng		-0.02
78) Terphenyl-d14	12.79	244	352499	88.05	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	32424	12.62	ng	#	75
25) Isophorone	7.26	82	194443	30.88	ng	#	65
48) Acenaphthylene	9.59	152	32614	4.38	ng		100
49) Dimethylphthalate	9.45	163	99890	19.49	ng		99
54) Dibenzofuran	9.93	168	16371	2.74	ng		94
55) 4-Nitrophenol	9.93	139	6499	5.92	ng	#	5
56) 2,4-Dinitrotoluene	9.72	165	9625	6.48	ng	#	36
57) Fluorene	10.26	166	11713	2.55	ng	#	98
66) 4-Bromophenyl-phenylether	10.51	248	5940	4.73	ng	#	1
70) Phenanthrene	11.22	178	182752	26.80	ng		97
71) Anthracene	11.28	178	42261	6.23	ng		100
72) Carbazole	11.43	167	15904	2.49	ng		98
74) Fluoranthene	12.41	202	218882	31.66	ng		92
77) Pyrene	12.63	202	173262	22.92	ng		99
80) Benzo(a)anthracene	13.82	228	86174	15.01	ng	#	93
82) Chrysene	13.82	228	86174	15.17	ng		98
85) Indeno(1,2,3-cd)pyrene	16.48	276	25427	5.82	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	86078	20.97	ng	#	95
88) Benzo(k)fluoranthene	14.82	252	86078	24.09	ng		99
89) Benzo(a)pyrene	15.09	252	29432	8.47	ng		94
90) Dibenzo(a,h)anthracene	16.48	278	8775	3.02	ng	#	72
91) Benzo(g,h,i)perylene	16.86	276	22726	7.57	ng		93

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Jul 2016 5:19
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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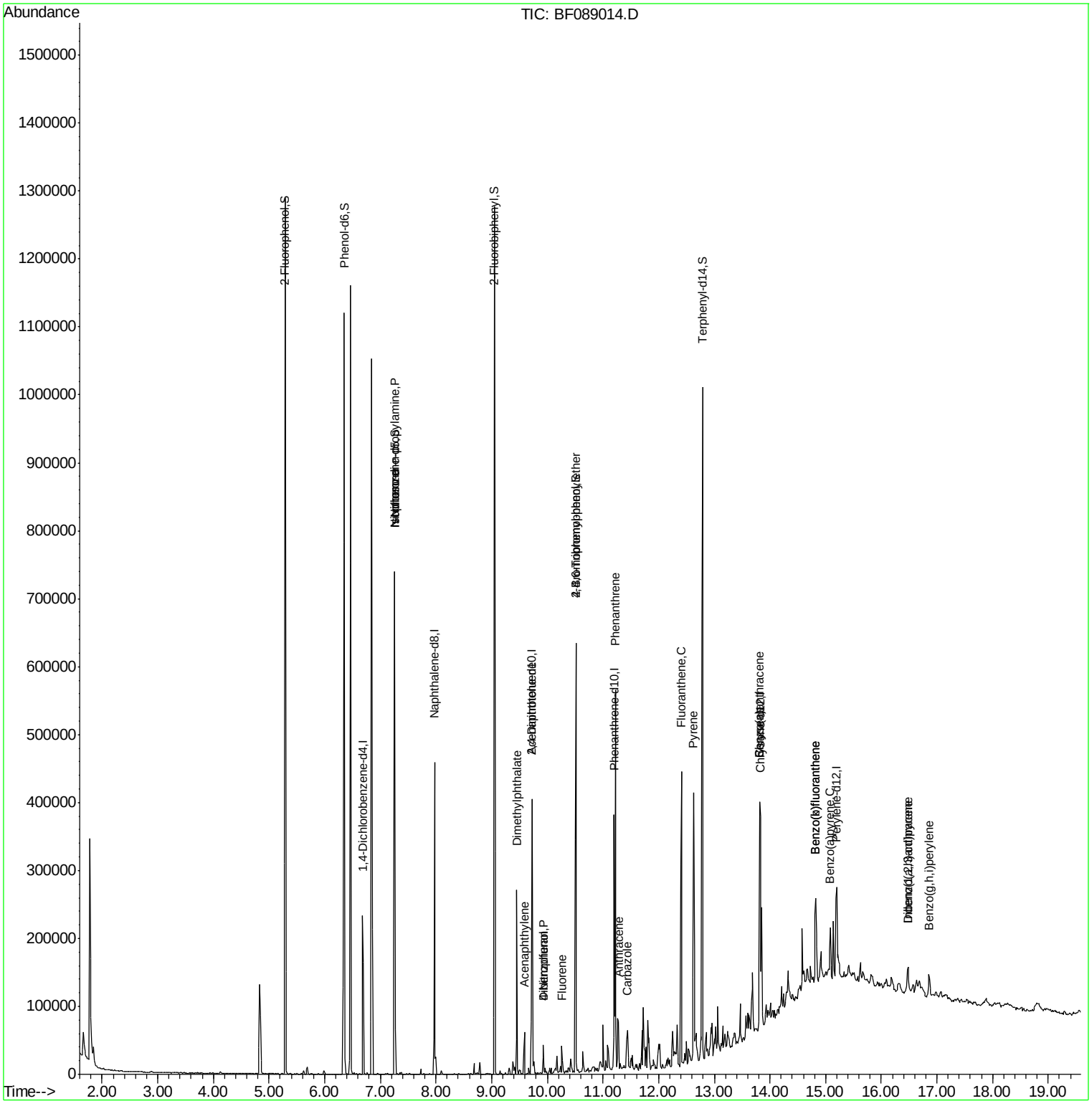
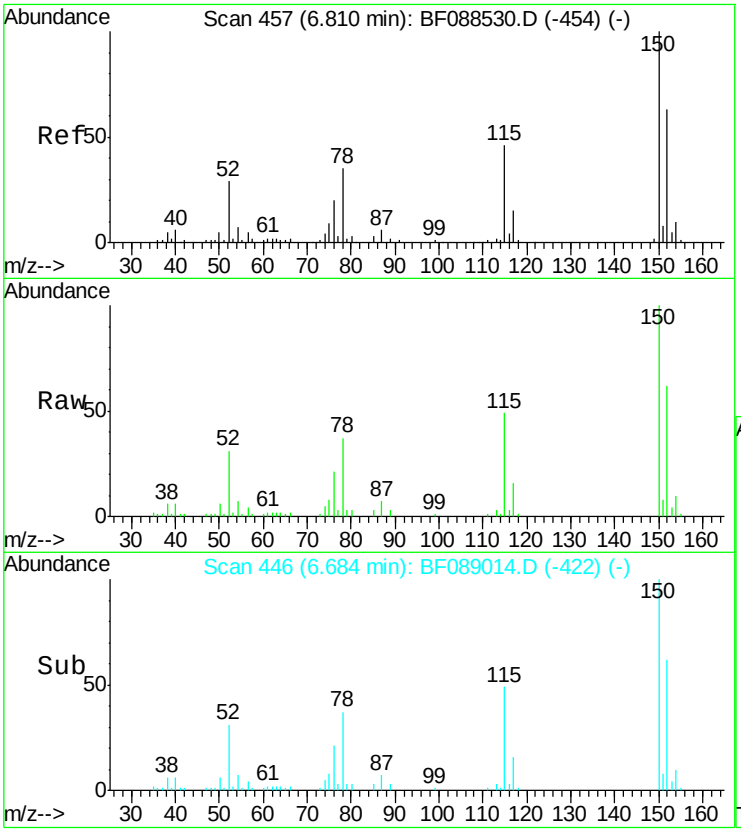


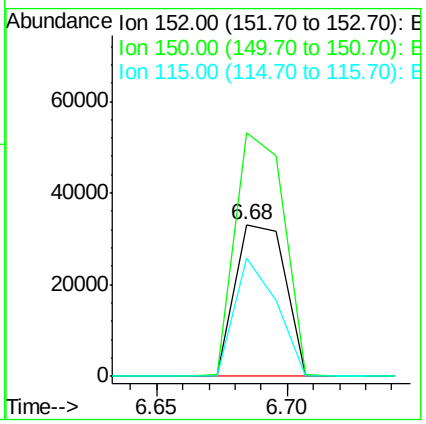


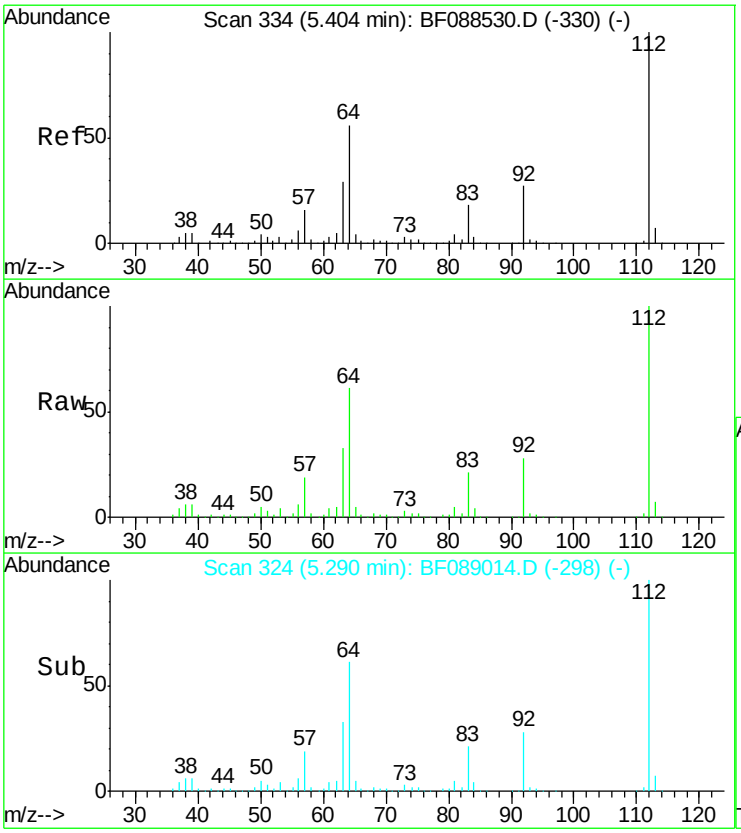
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 44358

Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.8	185.6
115	78.0	39.6	59.4#

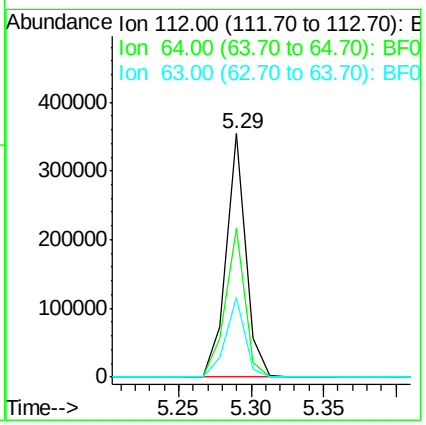


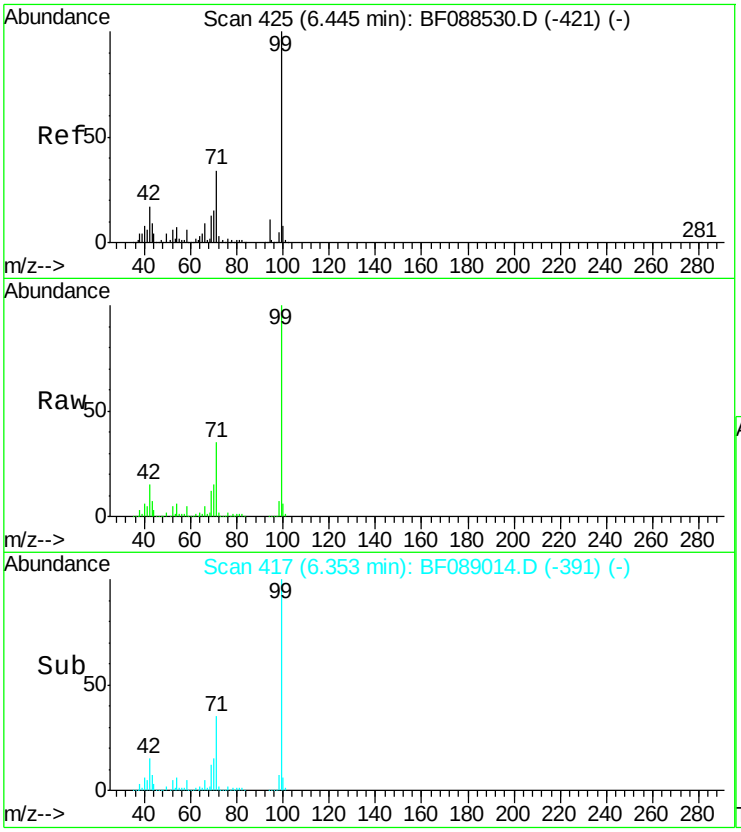


#5
2-Fluorophenol
Concen: 112.88 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:112 Resp: 334088

Ion	Ratio	Lower	Upper
112	100		
64	61.2	42.2	63.2
63	33.0	21.8	32.8#



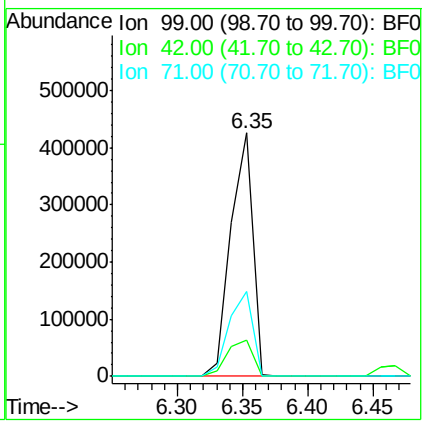


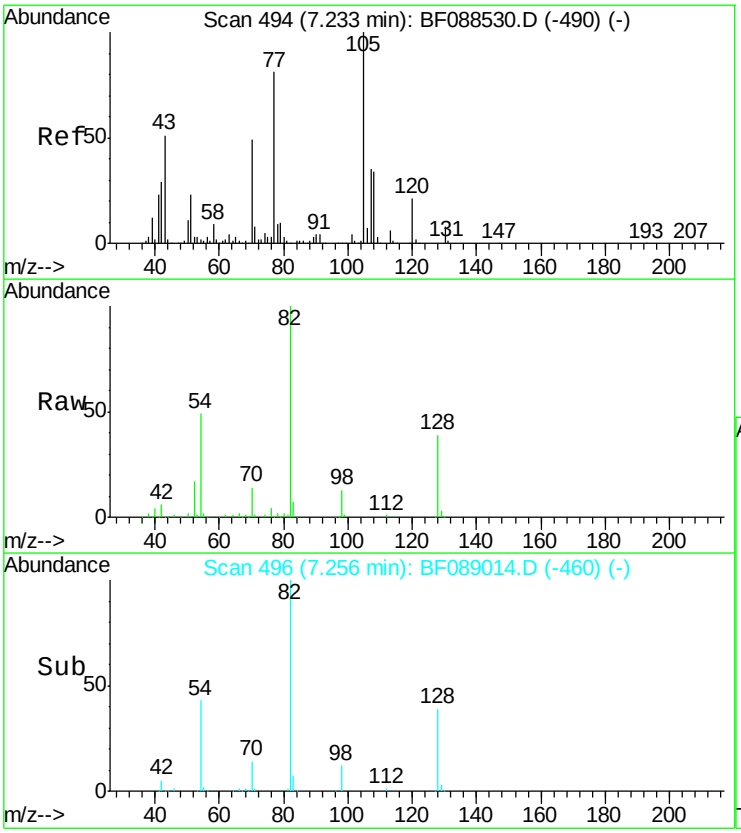
#7
Phenol-d6
Concen: 129.91 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 496821

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.2	18.2
71	34.8	23.4	35.0

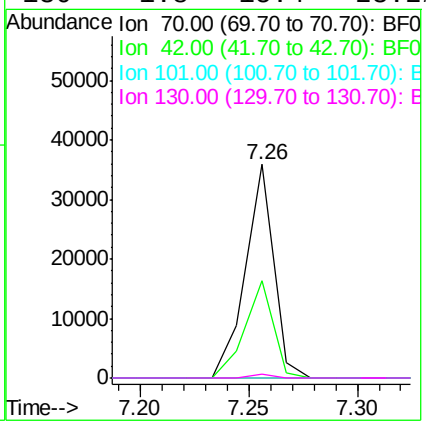


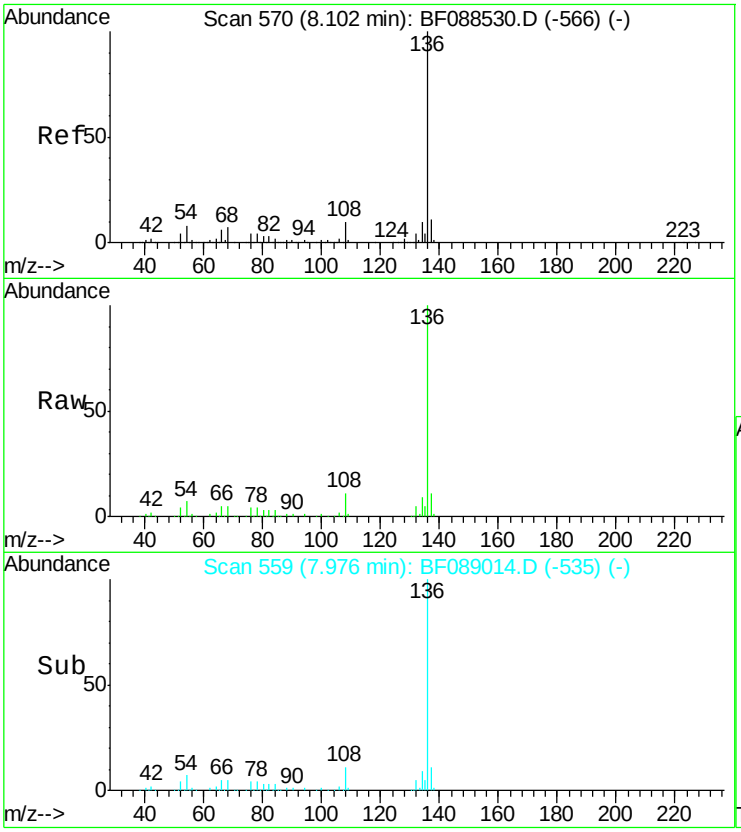


#19
n-Nitroso-di-n-propylamine
Concen: 12.62 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion: 70 Resp: 32424

Ion	Ratio	Lower	Upper
70	100		
42	45.7	49.6	74.4#
101	0.0	7.1	10.7#
130	1.8	15.4	23.2#



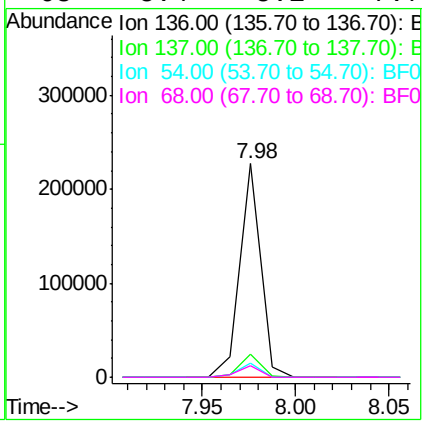


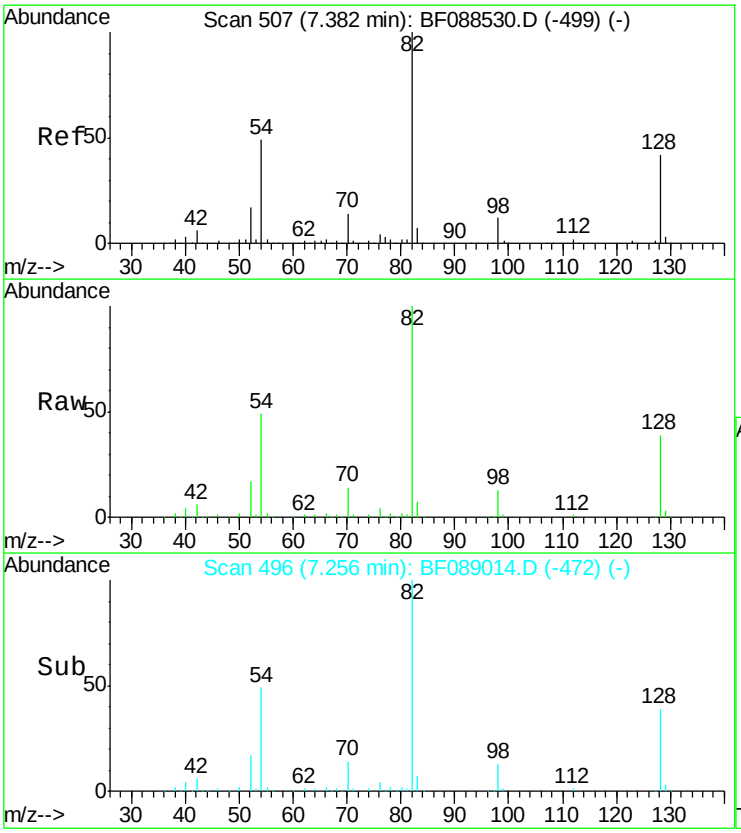
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 178165

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	6.8	6.6	10.0
68	5.4	5.1	7.7

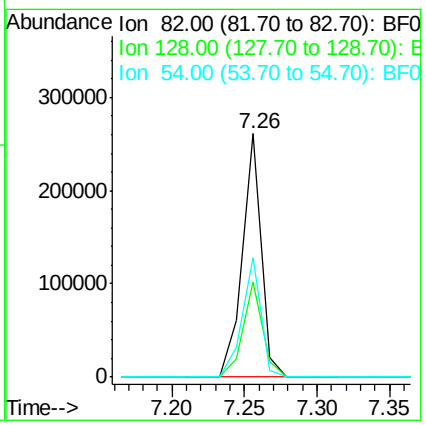


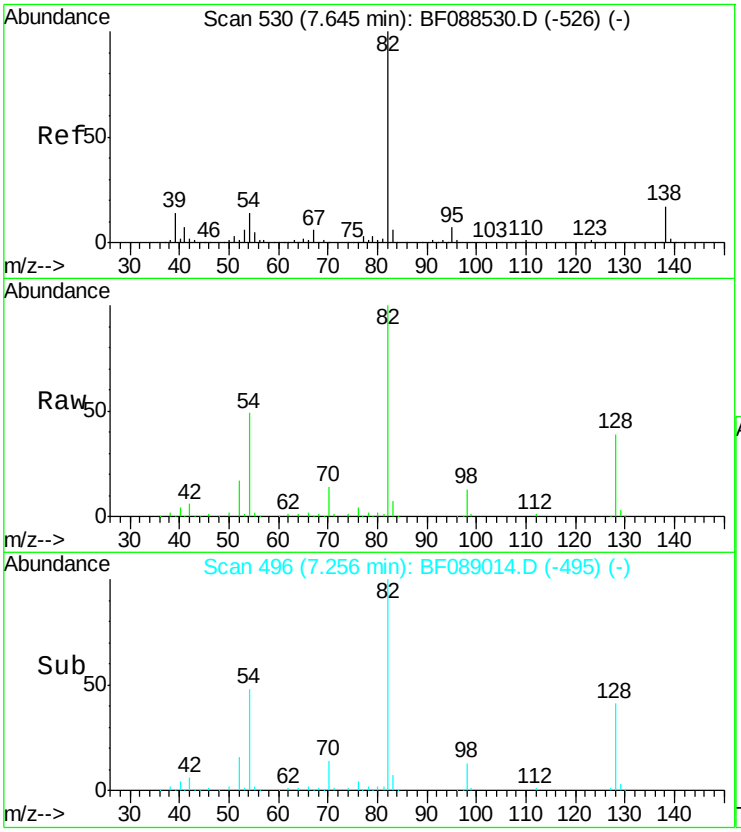


#23
Nitrobenzene-d5
Concen: 69.68 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion: 82 Resp: 236882

Ion	Ratio	Lower	Upper
82	100		
128	39.3	35.9	53.9
54	49.0	40.9	61.3



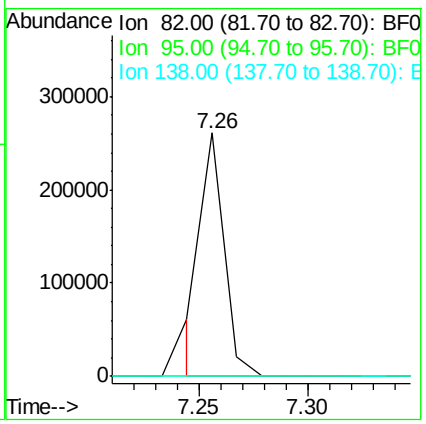


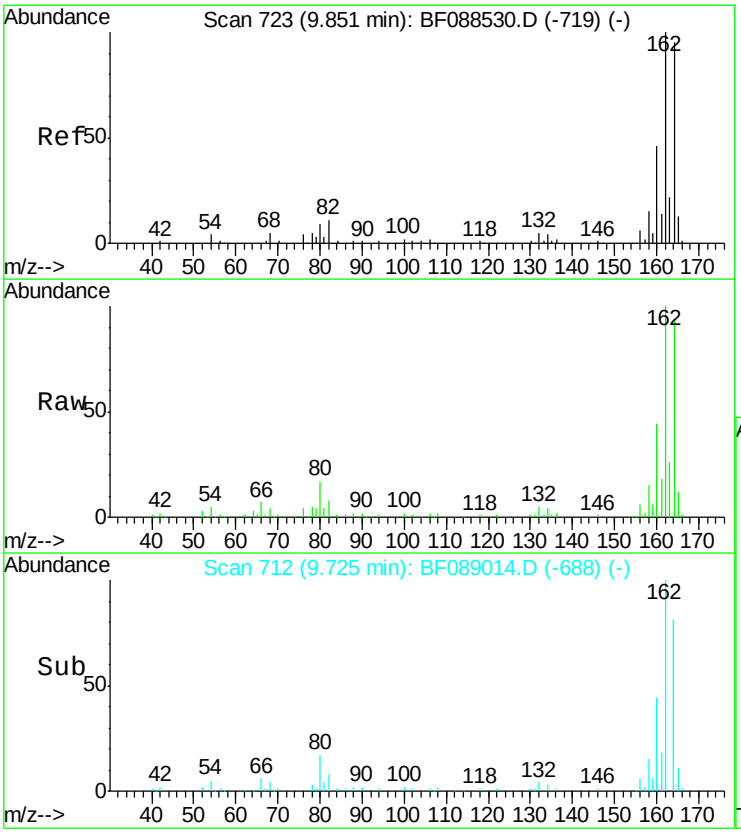
#25
Isophorone
Concen: 30.88 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.29 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 194443

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

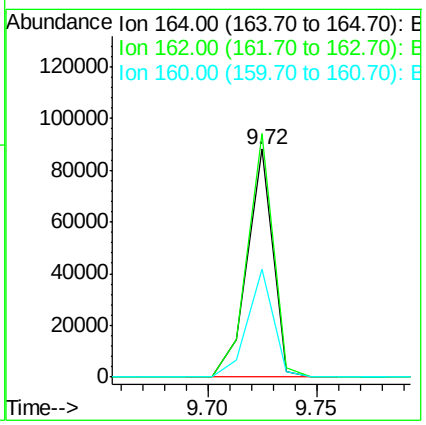


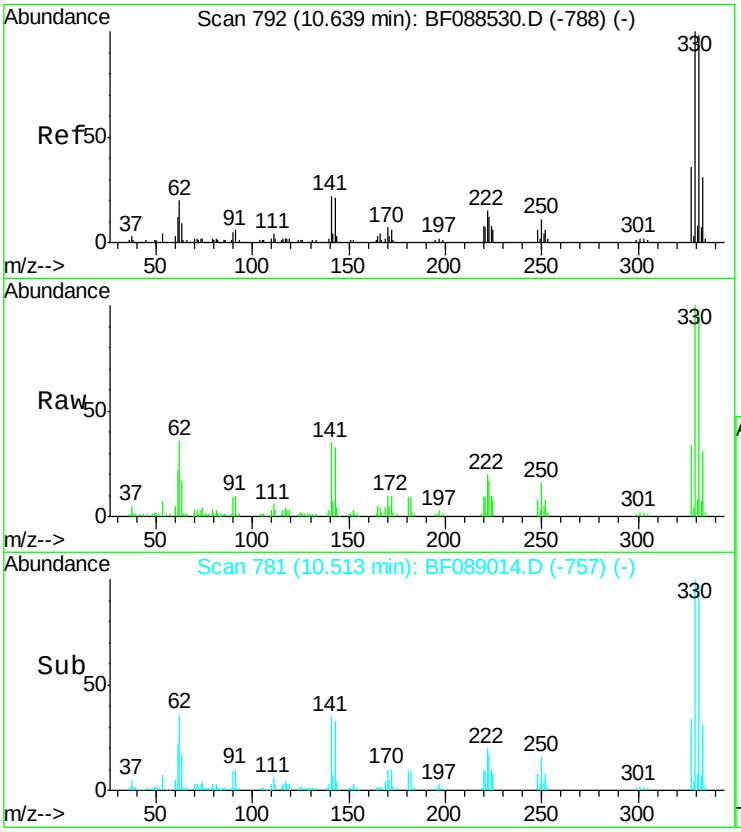


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:164 Resp: 71951

Ion	Ratio	Lower	Upper
164	100		
162	106.7	85.4	128.2
160	47.1	39.5	59.3



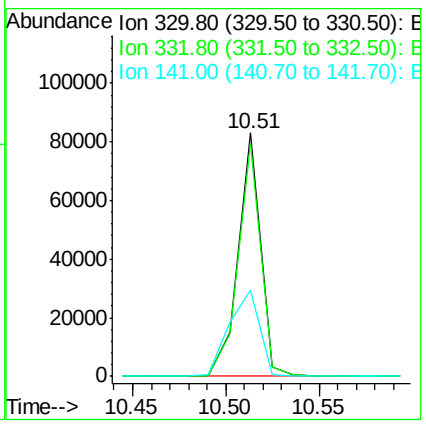


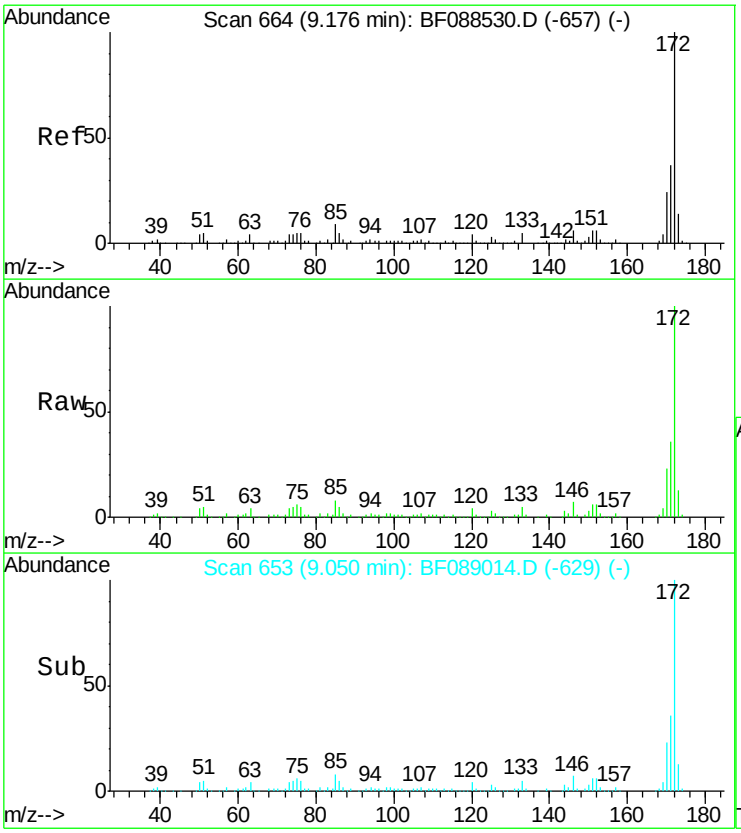
#41
2,4,6-Tribromophenol
Concen: 104.53 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 69843

Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	48.0	0.0	0.0#

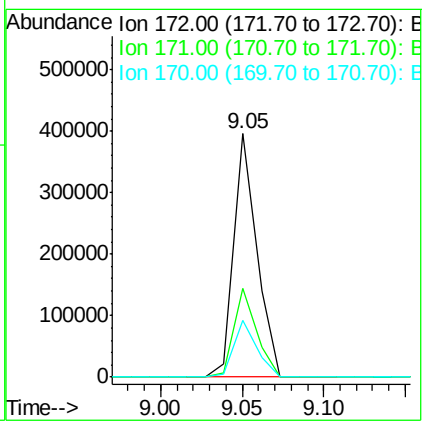


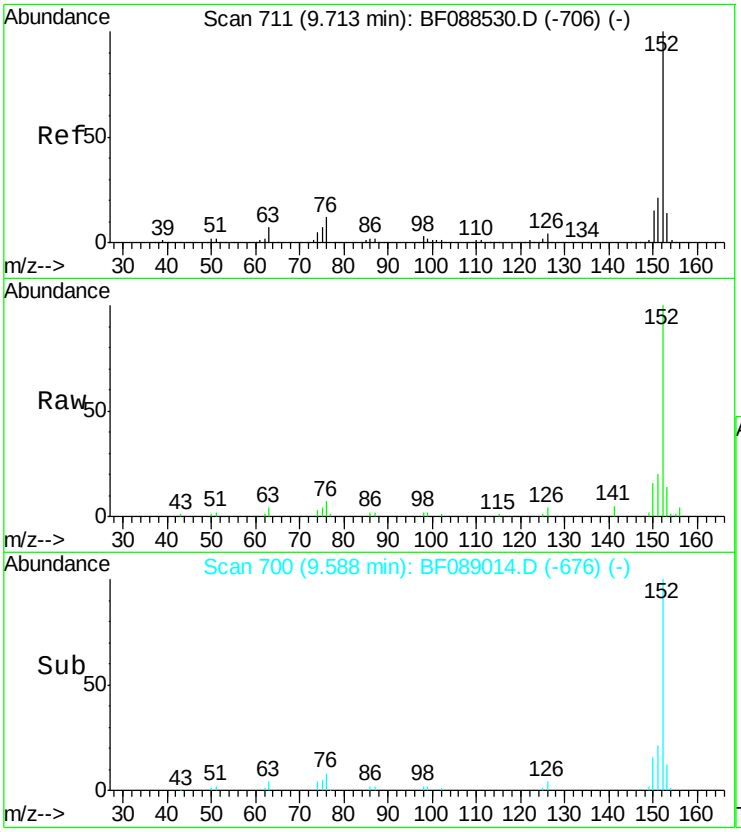


#44
2-Fluorobiphenyl
Concen: 84.35 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:172 Resp: 384210

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.5	19.2	28.8



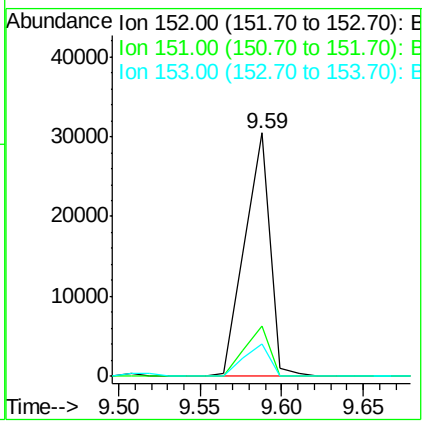


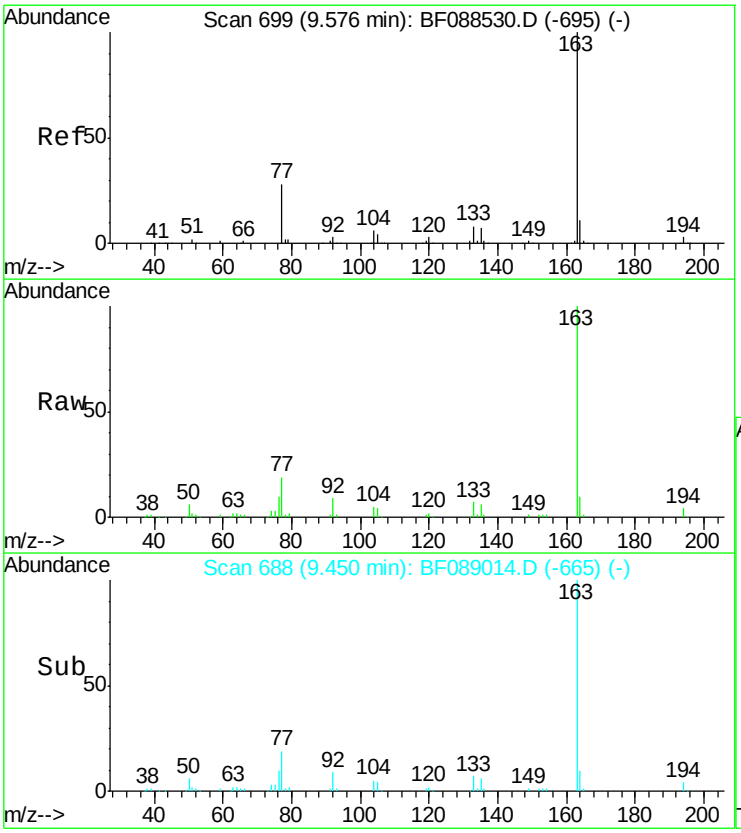
#48
Acenaphthylene
Concen: 4.38 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 32614

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.6	11.0	16.6

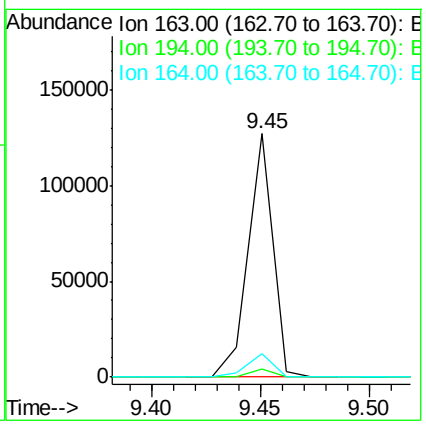


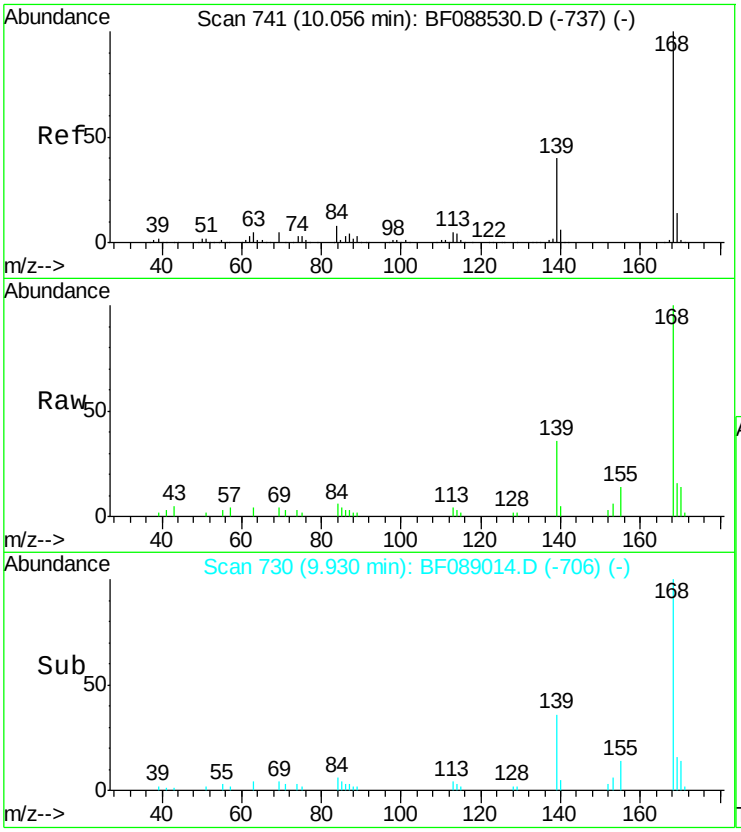


#49
Dimethylphthalate
Concen: 19.49 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:163 Resp: 99890

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5



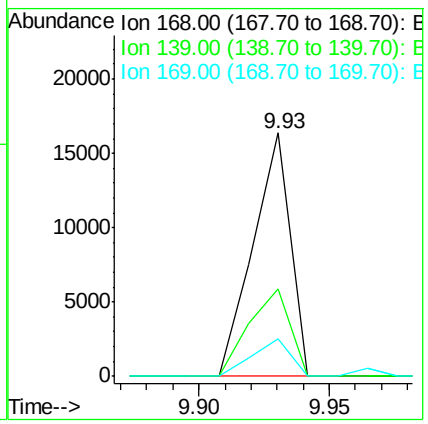


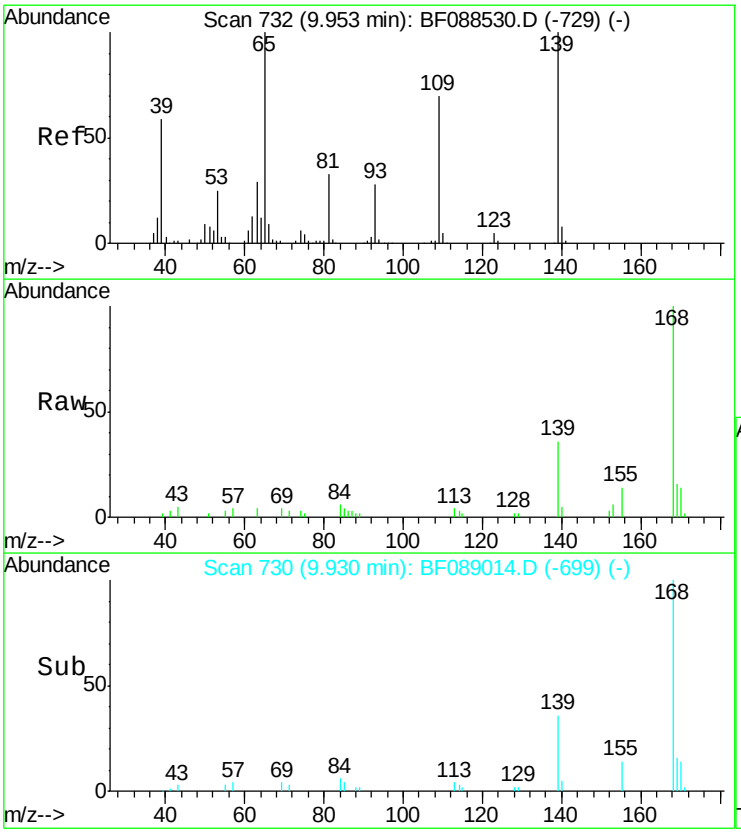
#54
Dibenzofuran
Concen: 2.74 ng
RT: 9.93 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 16371

Ion	Ratio	Lower	Upper
168	100		
139	35.9	26.4	39.6
169	15.6	10.4	15.6

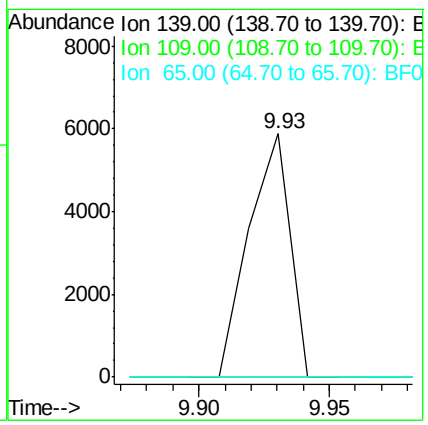


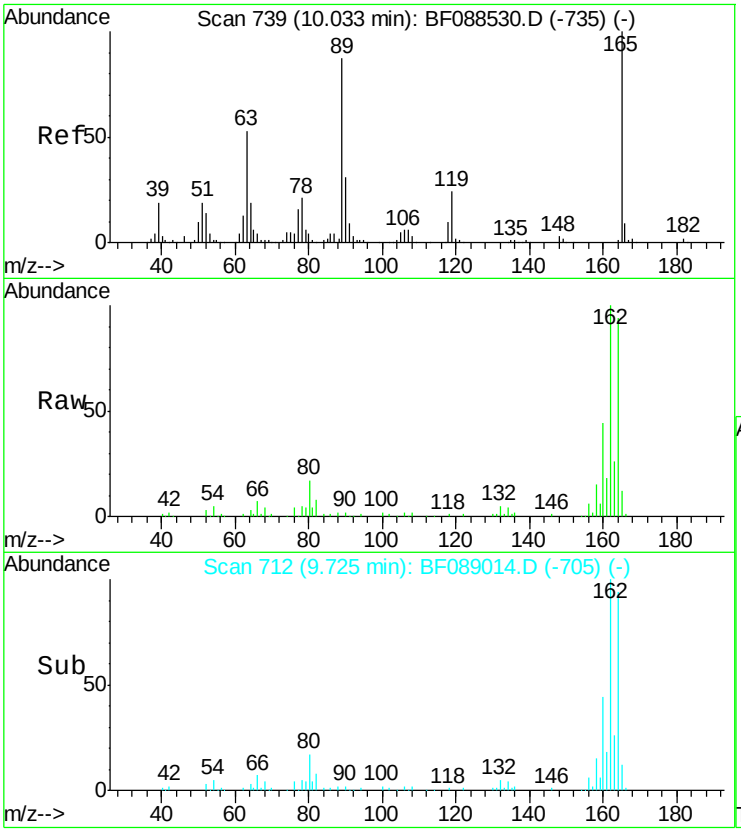


#55
4-Nitrophenol
Concen: 5.92 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.06 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:139 Resp: 6499

Ion	Ratio	Lower	Upper
139	100		
109	0.0	48.9	88.9#
65	0.0	84.9	124.9#



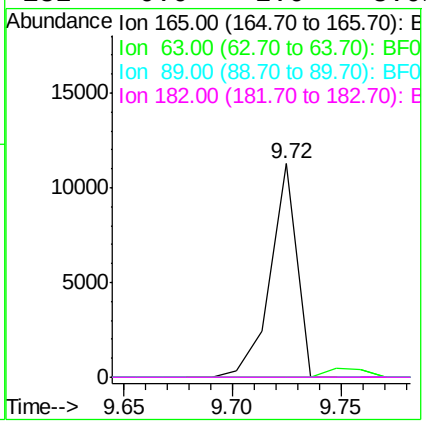


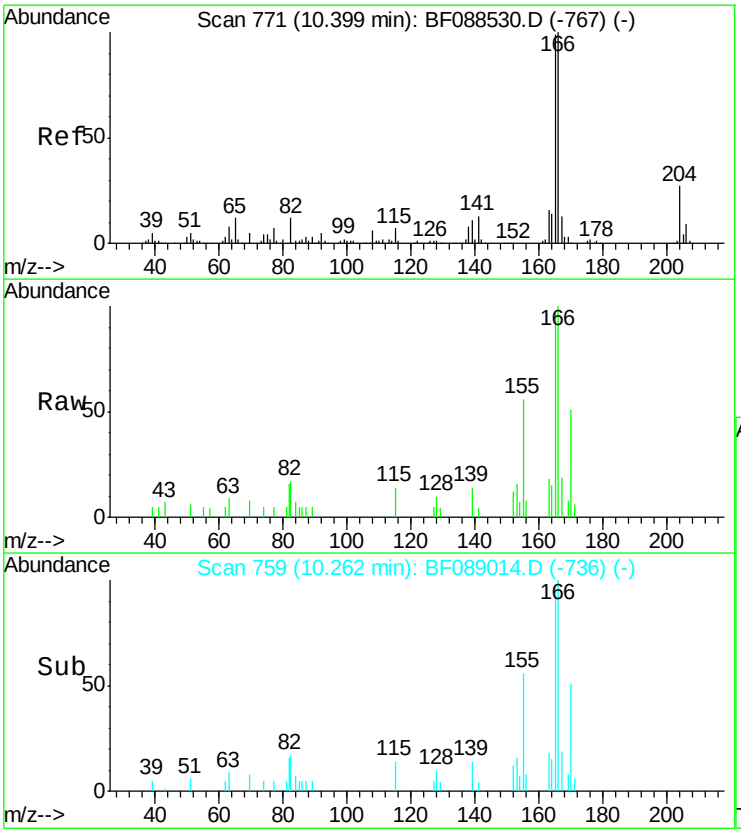
#56
2,4-Dinitrotoluene
Concen: 6.48 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9625

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

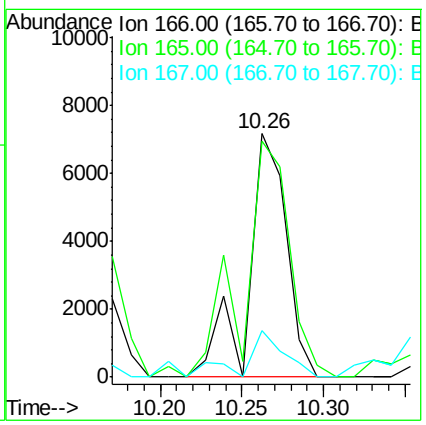


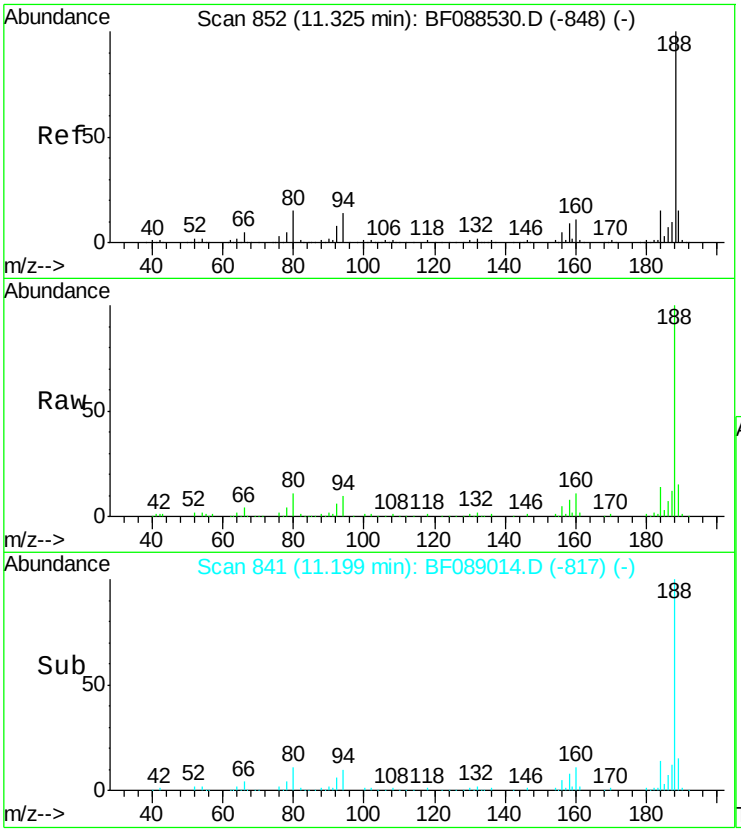


#57
Fluorene
Concen: 2.55 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.03 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:166 Resp: 11713

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	19.2	11.2	16.8#



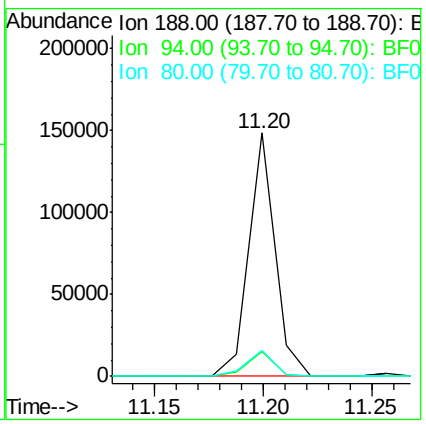


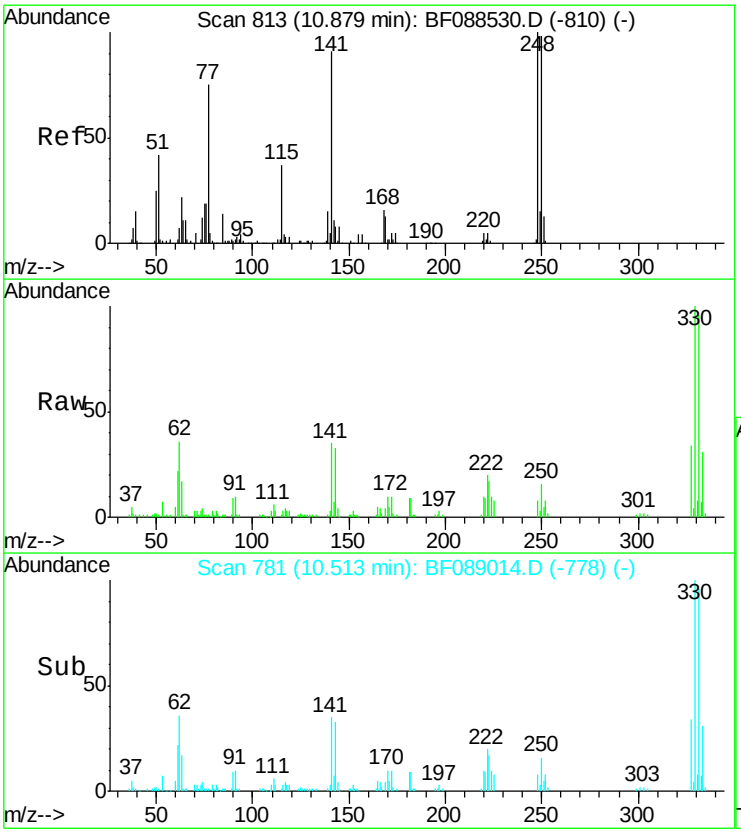
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 124744

Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.0	13.6
80	10.9	10.0	15.0

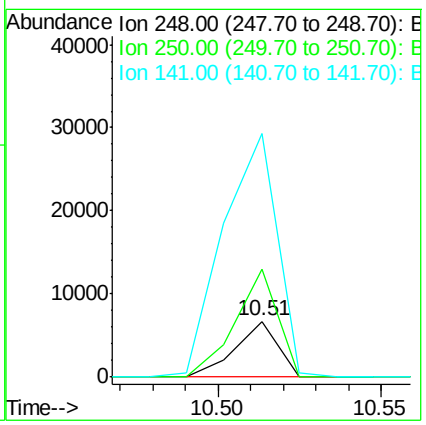


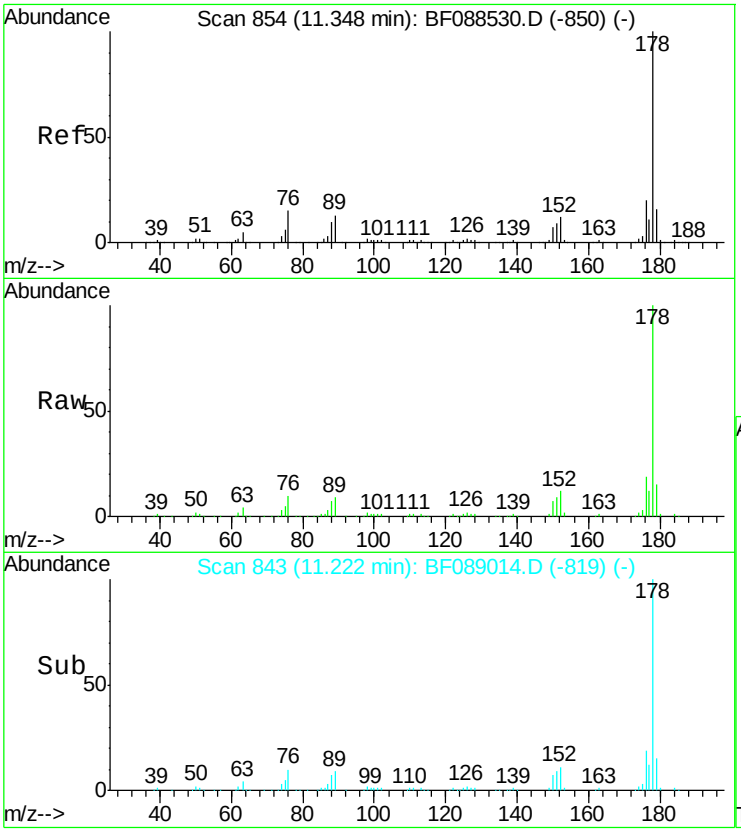


#66
4-Bromophenyl-phenylether
Concen: 4.73 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:248 Resp: 5940

Ion	Ratio	Lower	Upper
248	100		
250	193.5	77.1	115.7#
141	438.8	50.6	76.0#



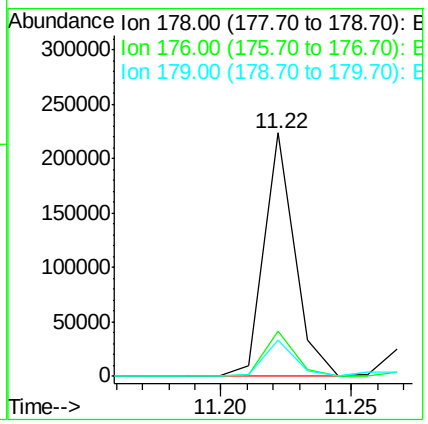


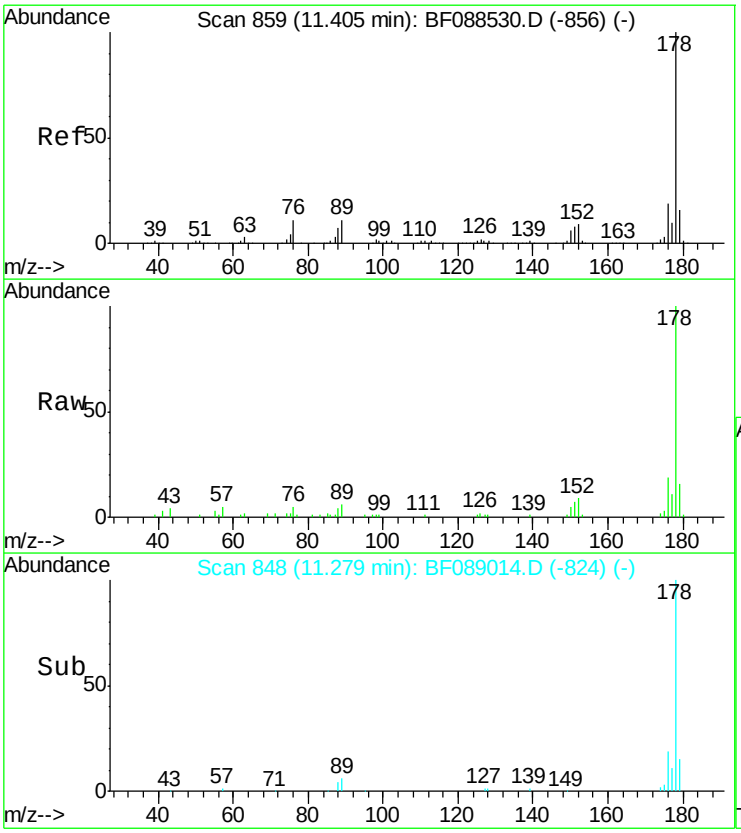
#70
Phenanthrene
Concen: 26.80 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 182752

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.8	23.6
179	15.1	13.0	19.4

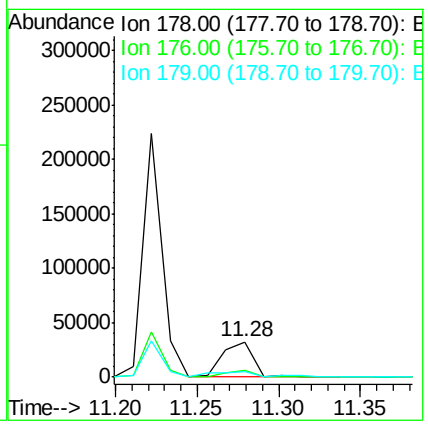


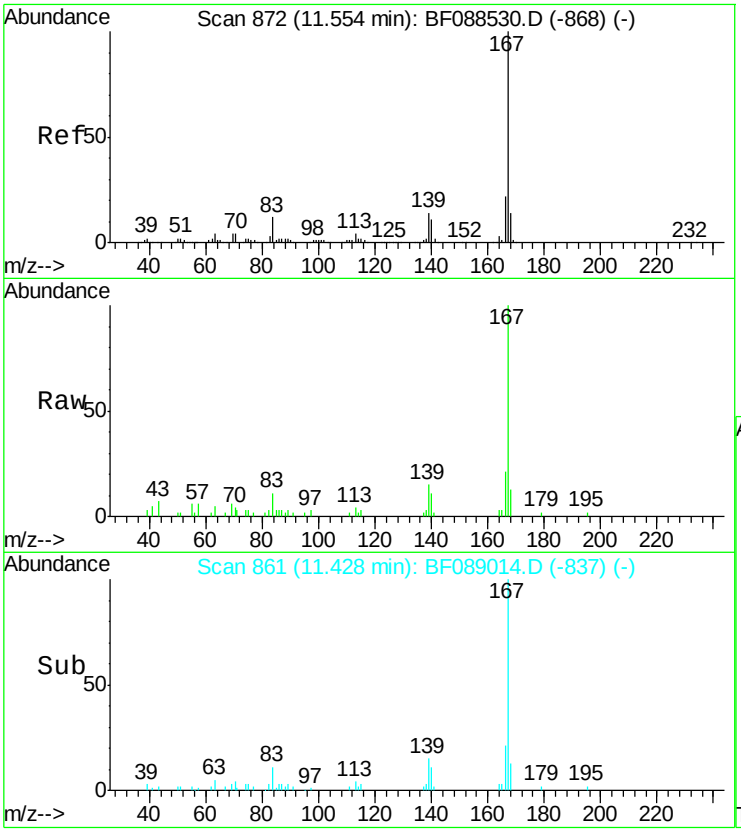


#71
Anthracene
Concen: 6.23 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:178 Resp: 42261

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.9	12.8	19.2



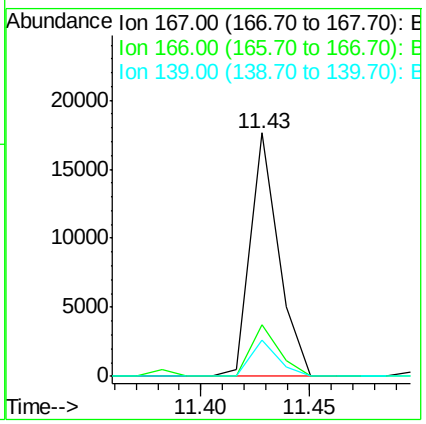


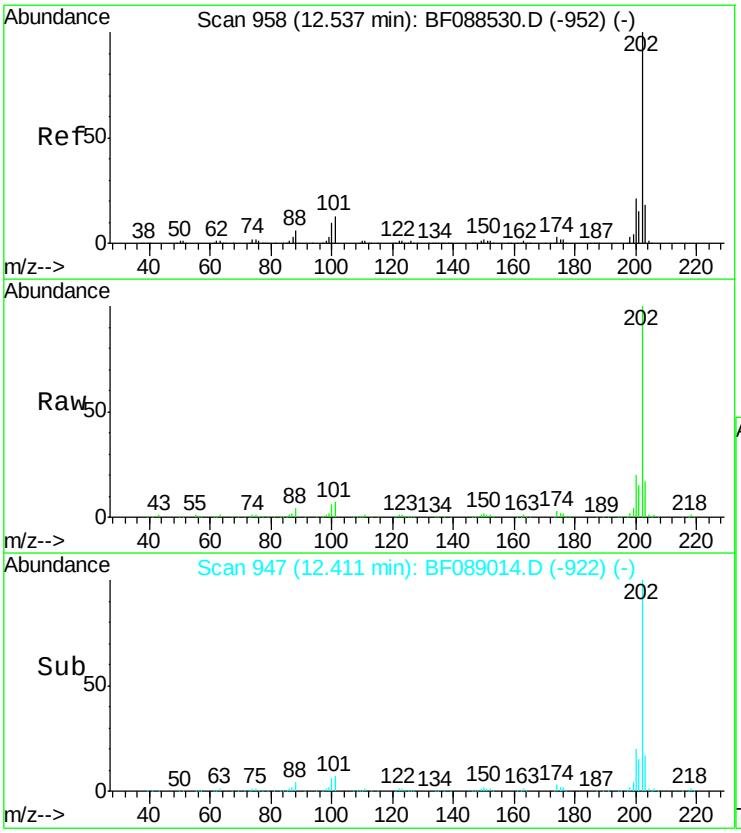
#72
Carbazole
Concen: 2.49 ng
RT: 11.43 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 15904

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.8	26.6
139	14.8	11.2	16.8

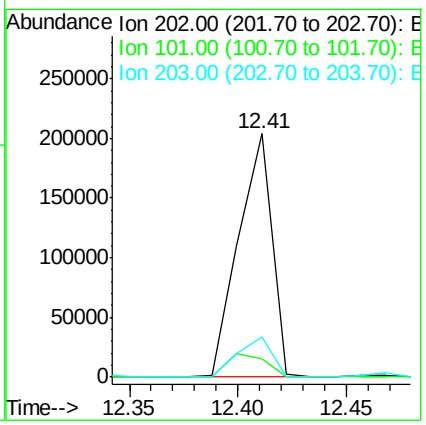


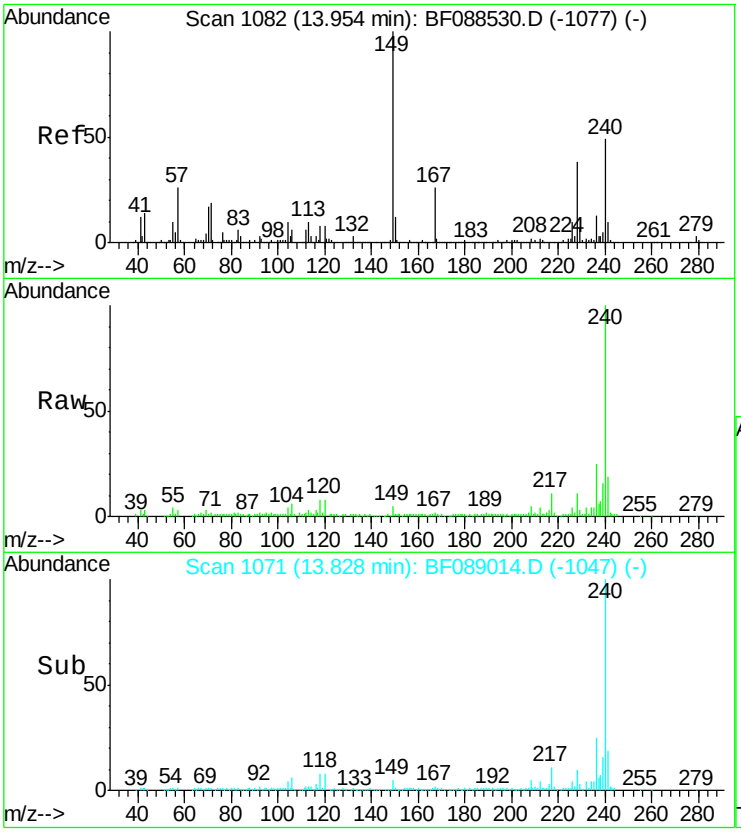


#74
Fluoranthene
Concen: 31.66 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:202 Resp: 218882

Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	33.1
203	16.6	0.0	38.1



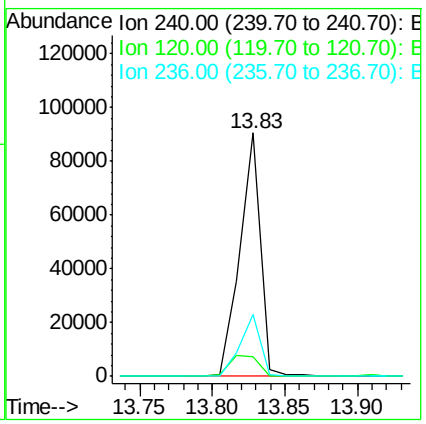


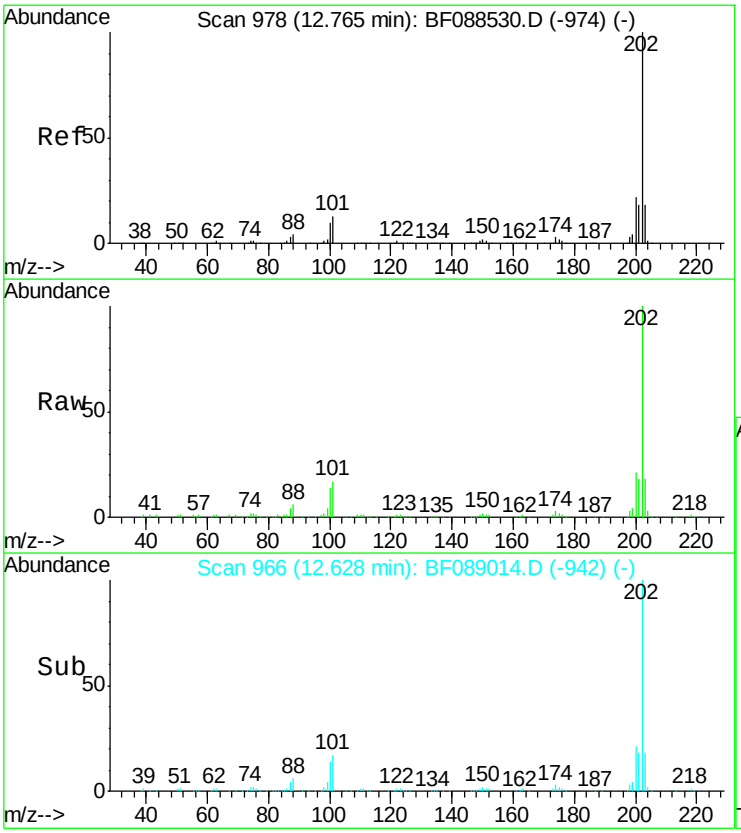
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 89172

Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	25.3	20.2	30.2

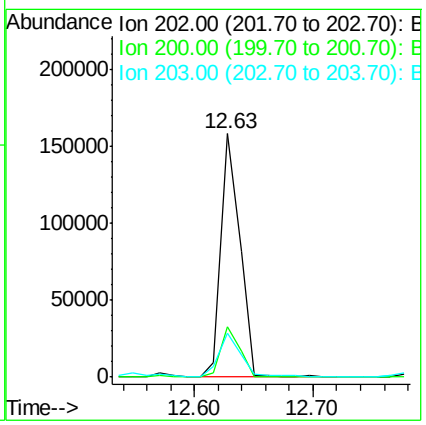


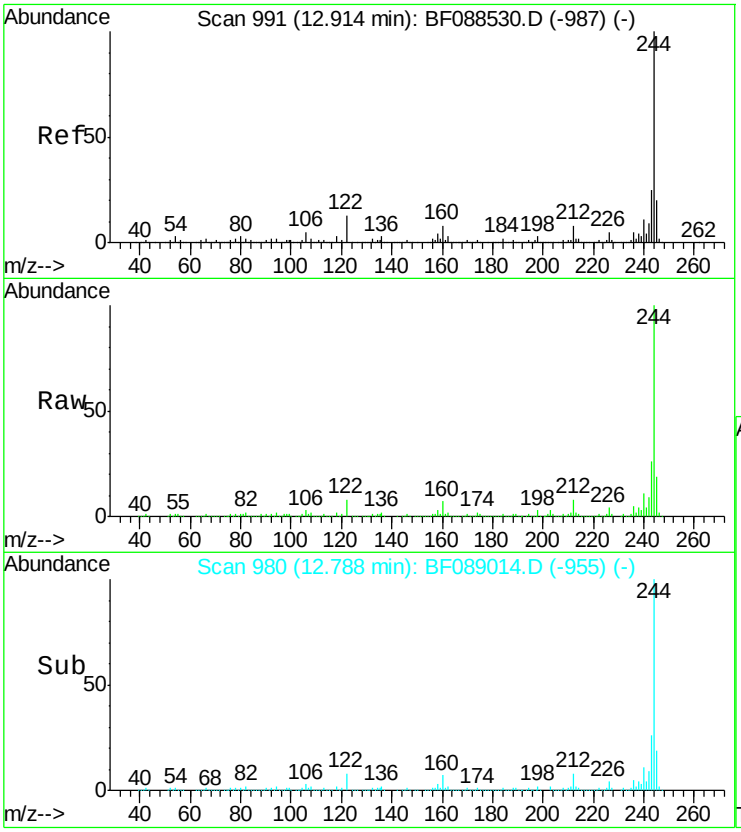


#77
Pyrene
Concen: 22.92 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:202 Resp: 173262

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.9	14.5	21.7



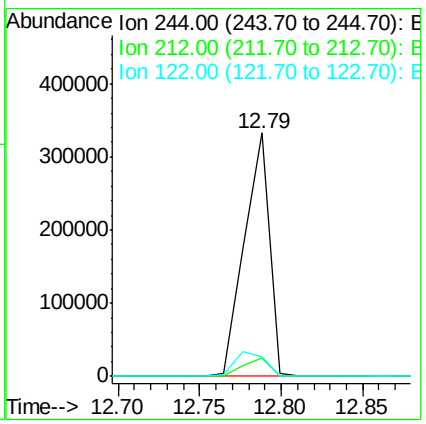


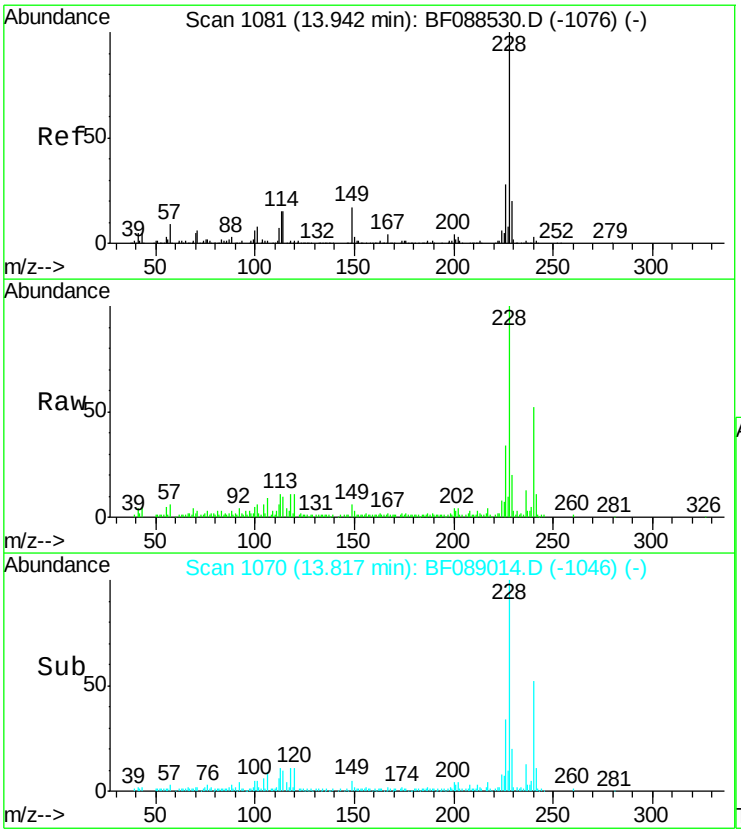
#78
Terphenyl-d14
Concen: 88.05 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 352499

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.2	11.2	16.8#





#80
Benzo(a)anthracene
Concen: 15.01 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089014.D
Acq: 15 Jul 2016 5:19

Tgt Ion:228 Resp: 86174

Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.3	33.5#
229	20.3	16.0	24.0