Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020116\
Data File : BF084744.D
Acq On : 2 Feb 2016 7:28
Operator : SJ/IZ
Sample : H1272-07DL 10X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(16-18)DL

Quant Time: Feb 02 07:54:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161098	20.00	ng		-0.02
21) Naphthalene-d8	8.00	136	639816	20.00	ng		-0.02
38) Acenaphthene-d10	9.74	164	272074	20.00	ng		-0.02
63) Phenanthrene-d10	11.23	188	476664	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	319583	20.00	ng		-0.01
86) Perylene-d12	15.24	264	341049	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	122406	11.84	ng		-0.01
7) Phenol-d6	6.36	99	144602	11.28	ng		-0.01
23) Nitrobenzene-d5	7.28	82	93269	8.21	ng		-0.02
41) 2,4,6-Tribromophenol	10.53	330	27884	9.83	ng		-0.02
44) 2-Fluorobiphenyl	9.07	172	152972	6.31	ng		-0.02
78) Terphenyl-d14	12.81	244	105649	7.49	ng		-0.02
Target Compounds							Qvalue
25) Isophorone	7.28	82	83254	3.77	ng	#	66
31) Naphthalene	8.02	128	276211	8.61	ng		98
33) 4-Chloroaniline	8.02	127	35242	2.66	ng	#	30
37) 2-Methylnaphthalene	8.72	142	127685	6.36	ng		94
50) 2,6-Dinitrotoluene	9.74	165	39095	8.64	ng	#	38
51) Acenaphthene	9.78	154	165609	9.37	ng		98
54) Dibenzofuran	9.95	168	137219	6.35	ng		94
57) Fluorene	10.29	166	205989	11.42	ng		99
70) Phenanthrene	11.25	178	1376678	52.07	ng		97
71) Anthracene	11.31	178	424429	15.93	ng		97
72) Carbazole	11.46	167	138610	5.97	ng		98
74) Fluoranthene	12.44	202	1098289	41.04	ng		95
76) Benzidine	12.58	184	440	6.92	ng	#	1
77) Pyrene	12.67	202	886588	36.23	ng		99
80) Benzo(a)anthracene	13.85	228	439299	22.15	ng		99
82) Chrysene	13.88	228	310538	16.14	ng		97
85) Indeno(1,2,3-cd)pyrene	16.55	276	190049	12.55	ng		94
87) Benzo(b)fluoranthene	14.87	252	543232	23.71	ng	#	96
88) Benzo(k)fluoranthene	14.87	252	543232	28.67	ng		99
89) Benzo(a)pyrene	15.19	252	301490	15.44	ng	#	94
90) Dibenzo(a,h)anthracene	16.56	278	55139	3.35	ng		93
91) Benzo(g,h,i)perylene	16.95	276	188987	11.41	ng		97

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

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SUP-B013(16-18)DL

Quant Time: Feb 02 07:54:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 01 14:55:11 2016
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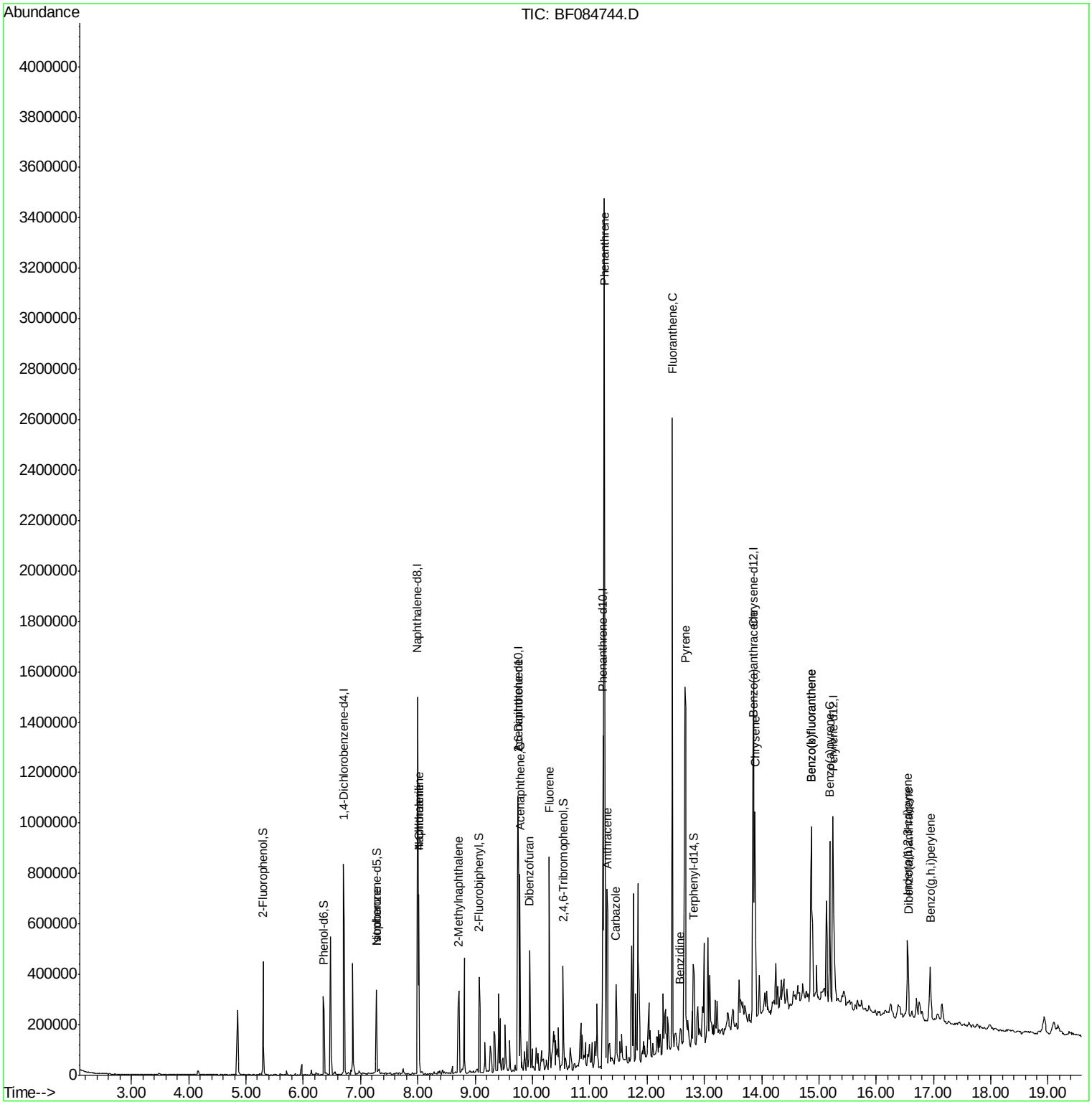
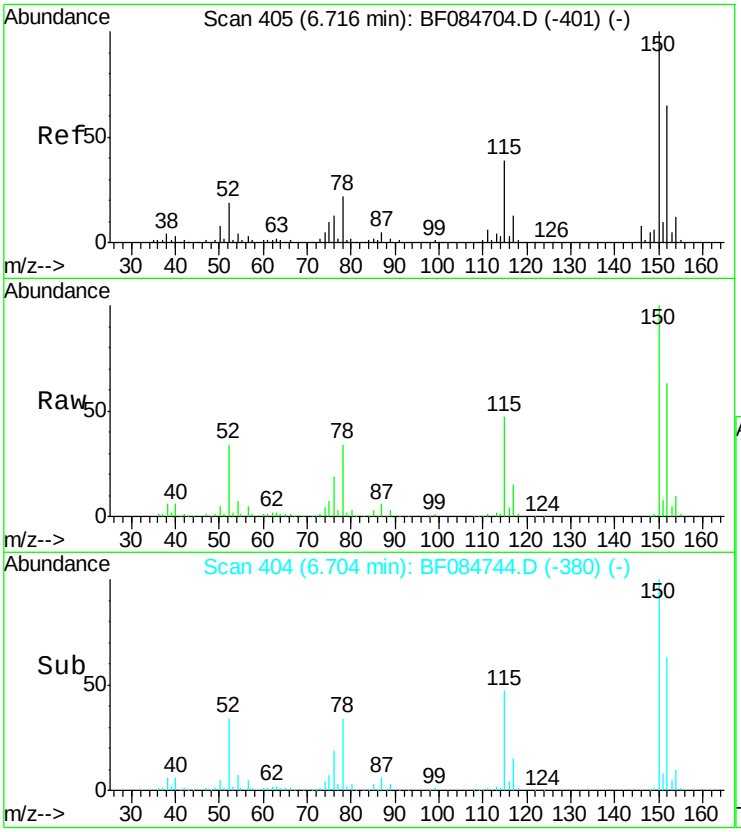


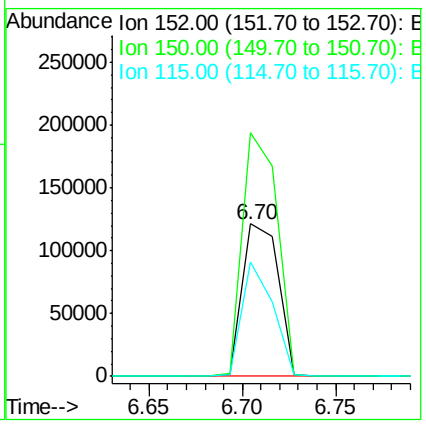


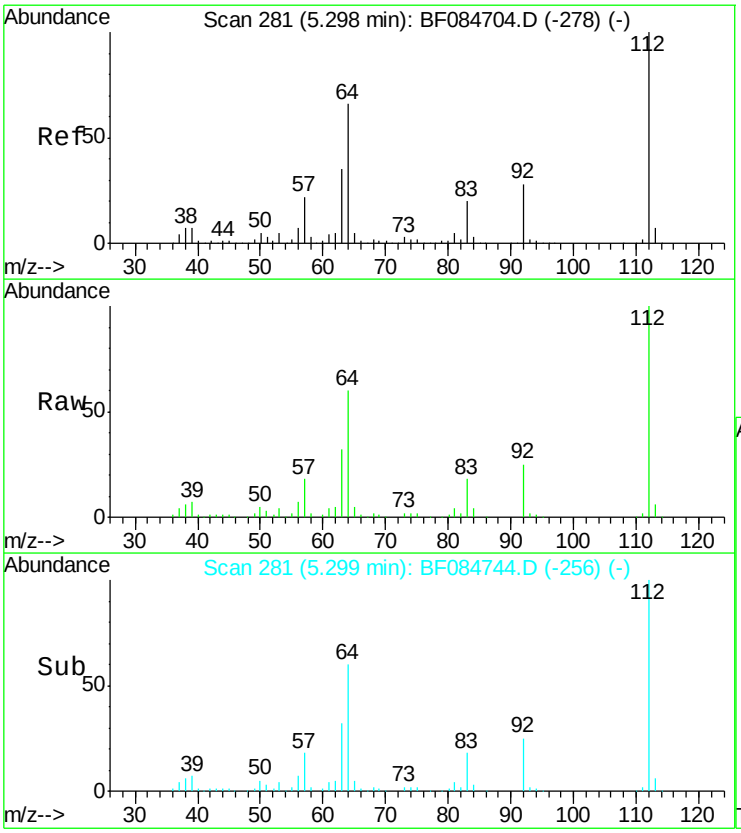
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:152 Resp: 161098

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.0	184.4
115	74.6	51.4	77.2

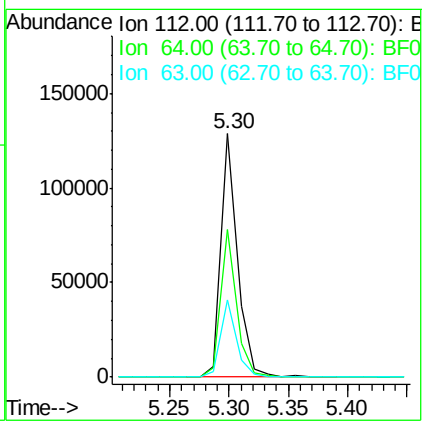


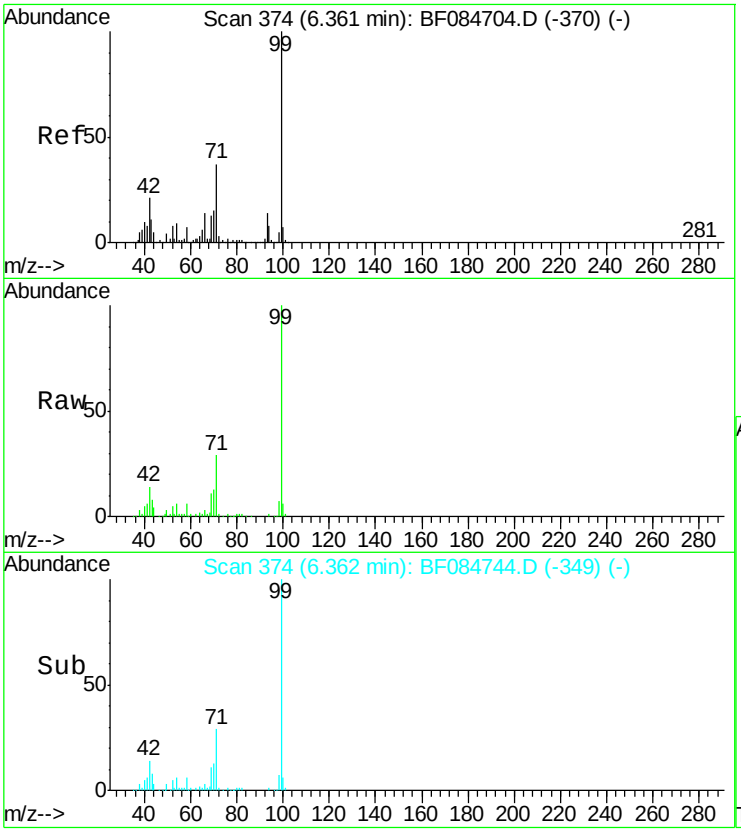


#5
2-Fluorophenol
Concen: 11.84 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:112 Resp: 122406

Ion	Ratio	Lower	Upper
112	100		
64	60.5	36.6	55.0#
63	31.7	19.4	29.0#



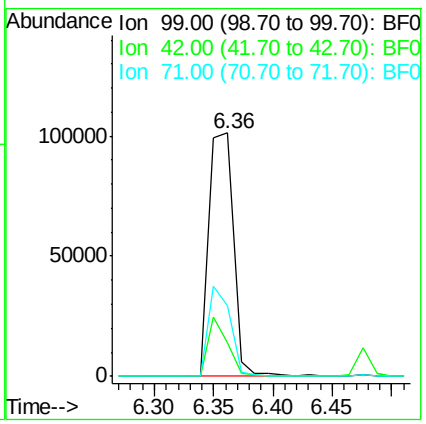


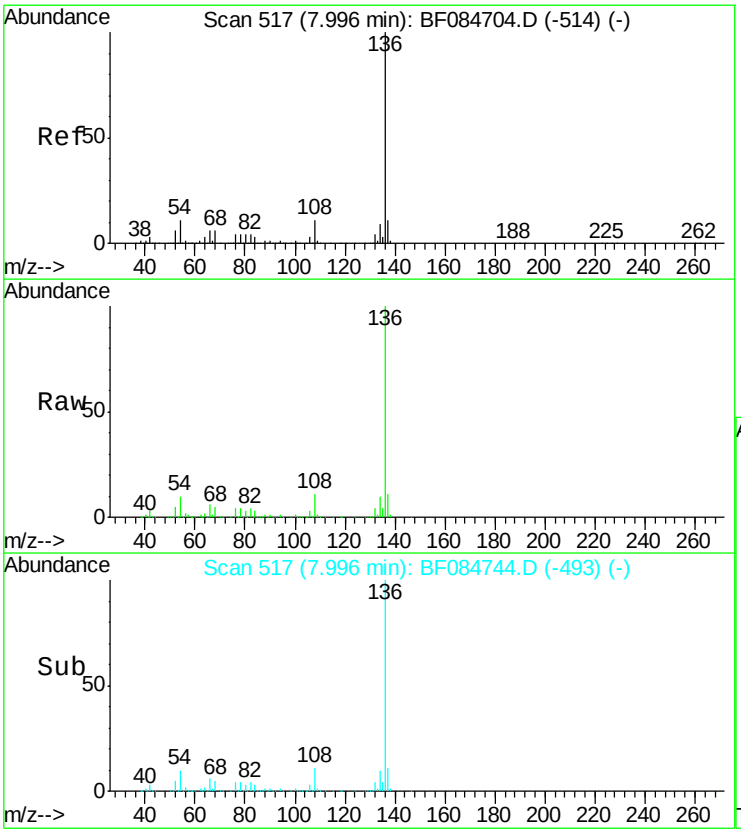
#7
Phenol-d6
Concen: 11.28 ng
RT: 6.36 min Scan# 374
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion: 99 Resp: 144602

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.8	19.2
71	29.1	30.9	46.3#

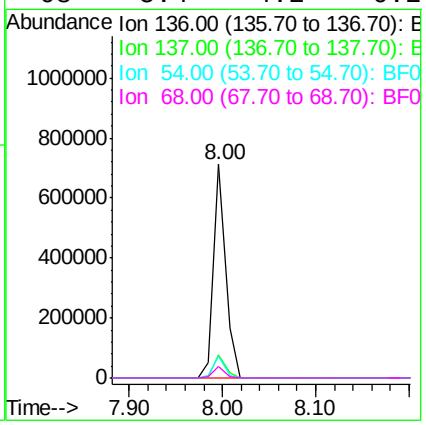


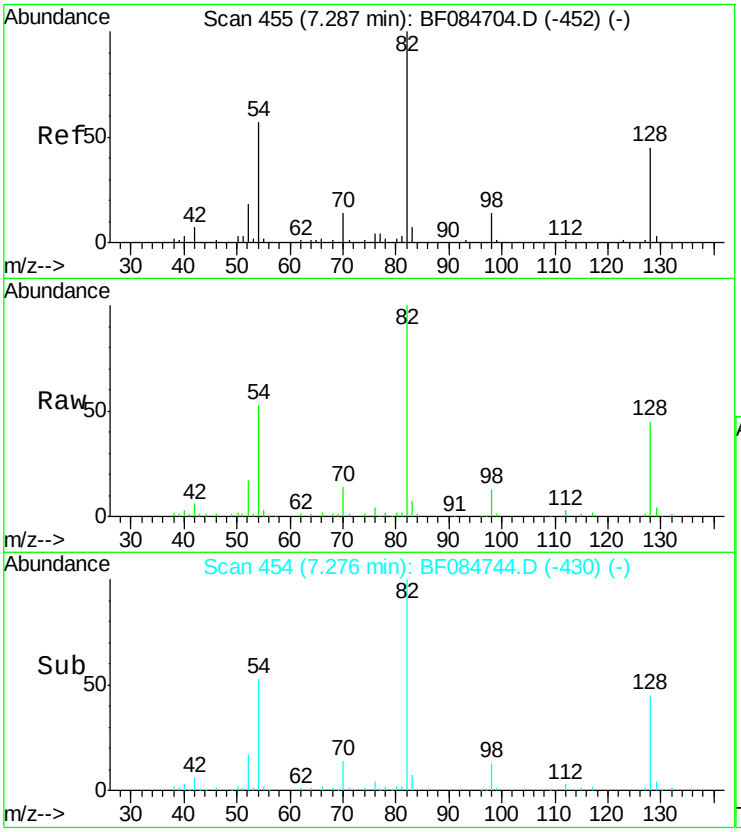


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:136 Resp: 639816

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.0	5.8	8.8#
68	5.4	4.2	6.2



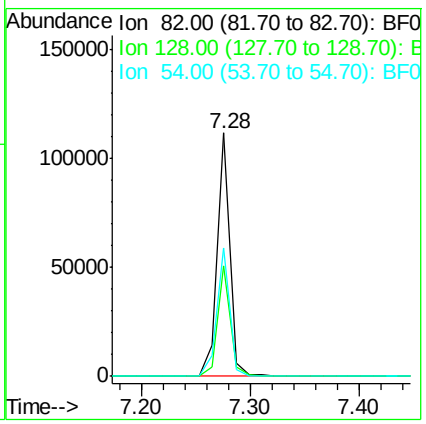


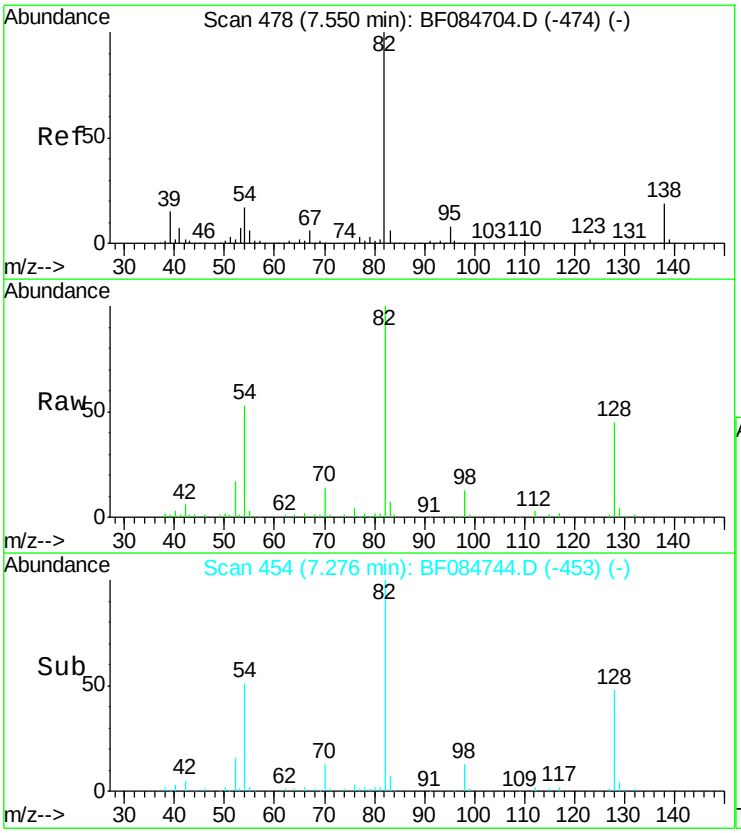
#23
Nitrobenzene-d5
Concen: 8.21 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion: 82 Resp: 93269

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.6	51.8
54	52.9	38.4	57.6

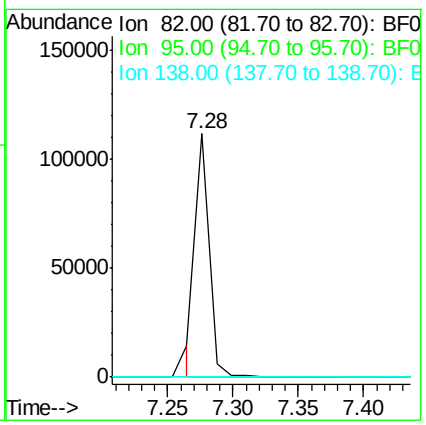


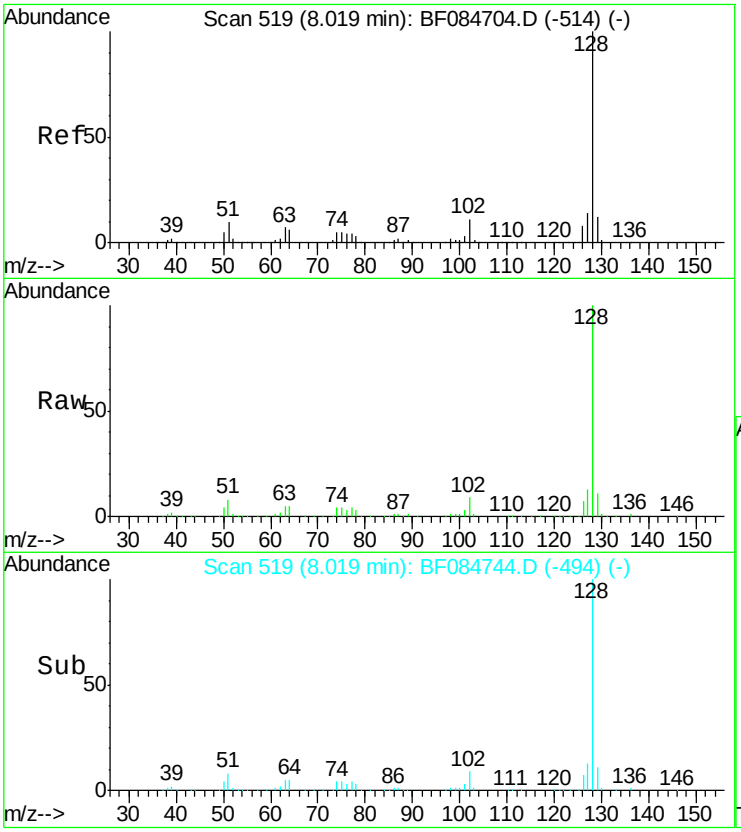


#25
Isophorone
Concen: 3.77 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.29 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion: 82 Resp: 83254

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#



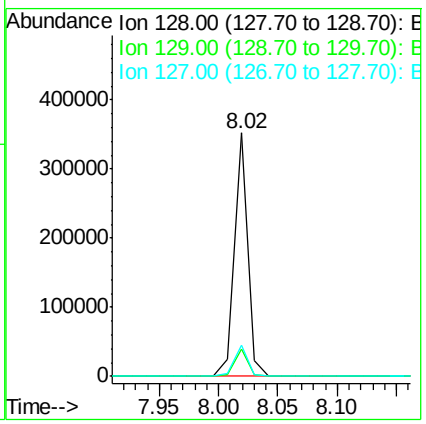


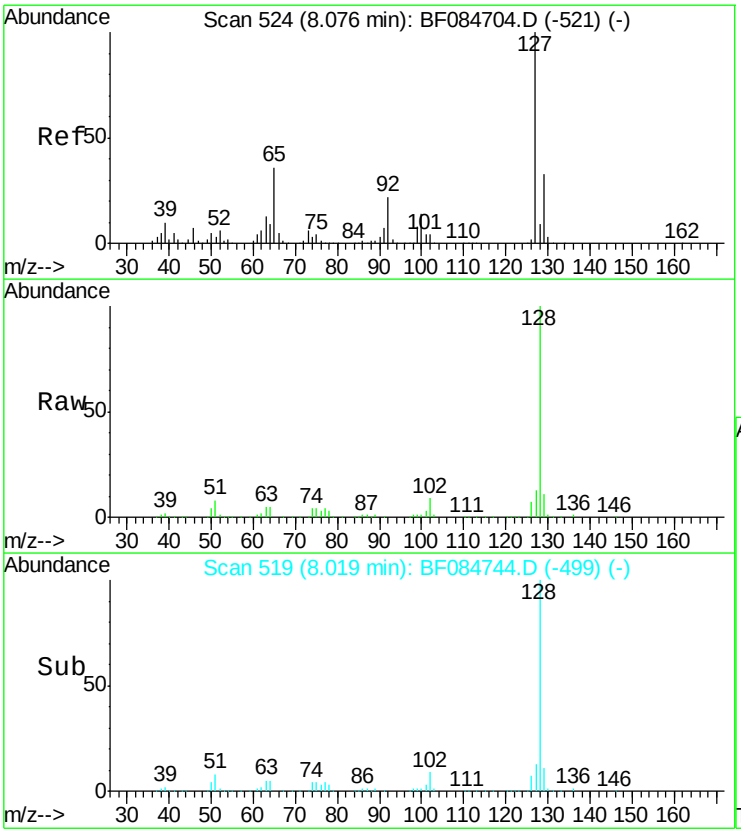
#31
Naphthalene
Concen: 8.61 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:128 Resp: 276211

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	12.8	11.1	16.7

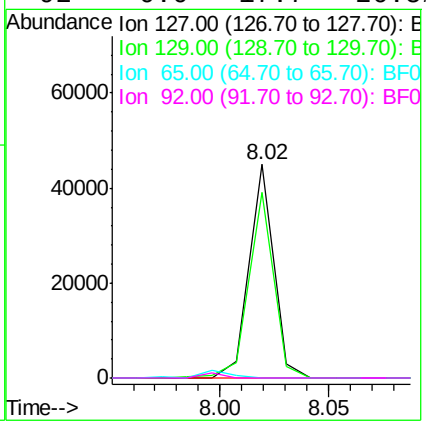


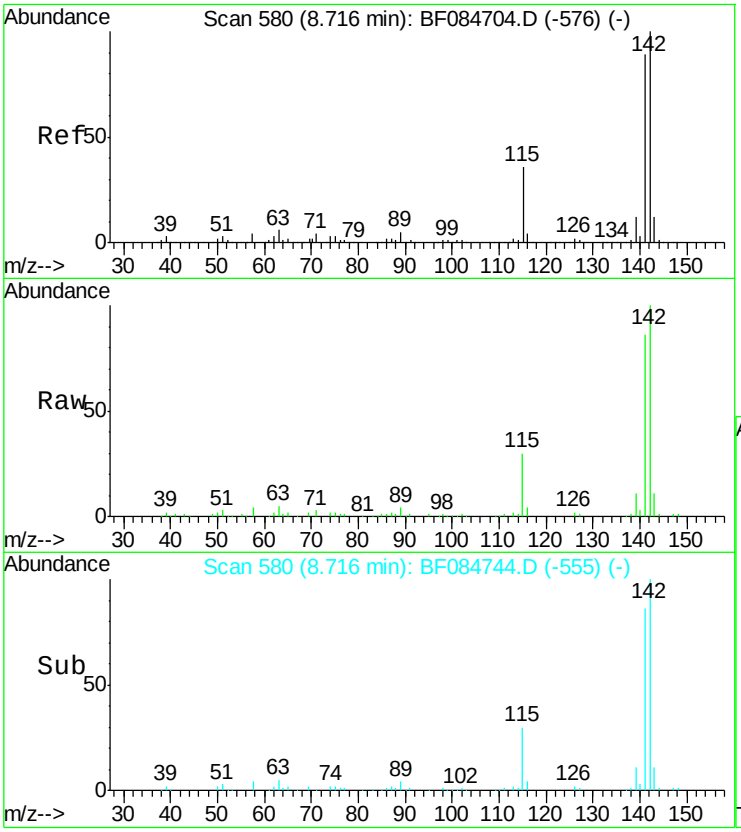


#33
4-Chloroaniline
Concen: 2.66 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.07 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:127 Resp: 35242

Ion	Ratio	Lower	Upper
127	100		
129	87.2	26.5	39.7#
65	0.0	27.2	40.8#
92	0.0	17.7	26.5#



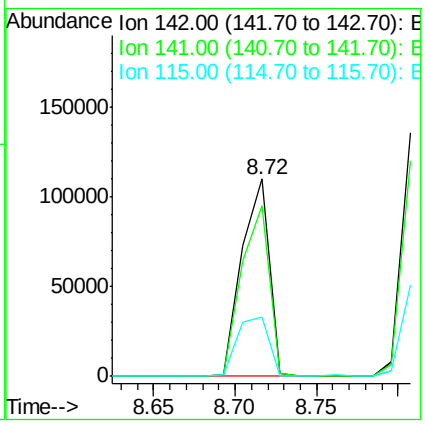


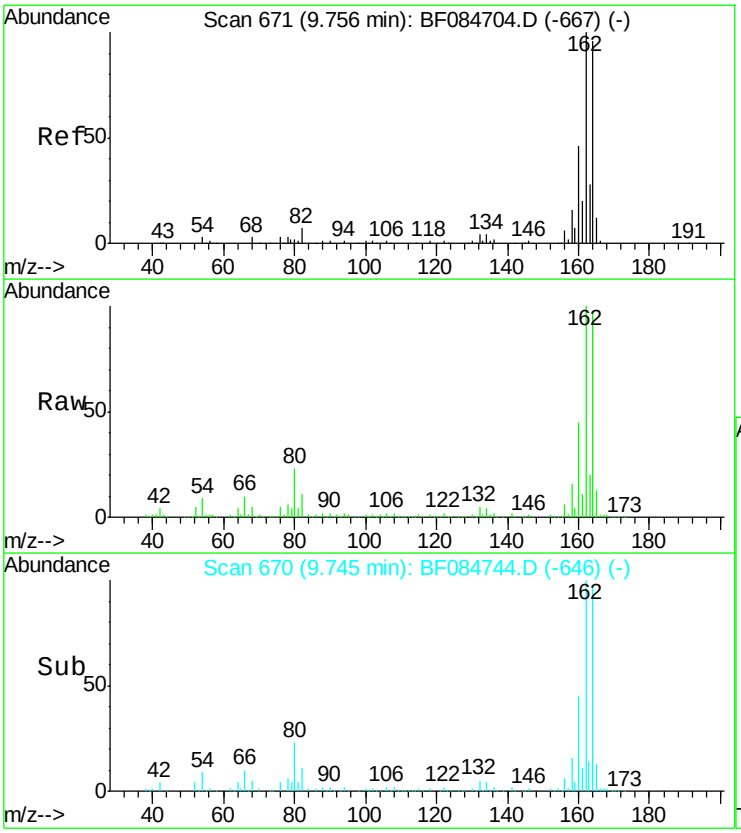
#37
2-Methylnaphthalene
Concen: 6.36 ng
RT: 8.72 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:142 Resp: 127685

Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.4	108.6
115	30.2	27.9	41.9

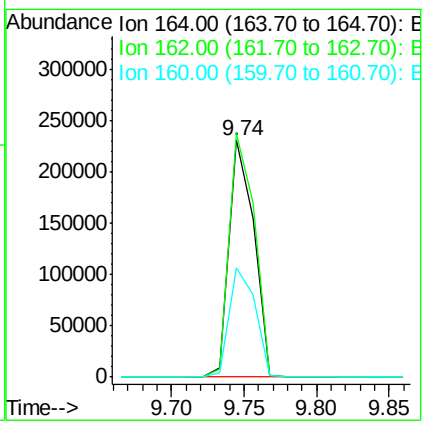


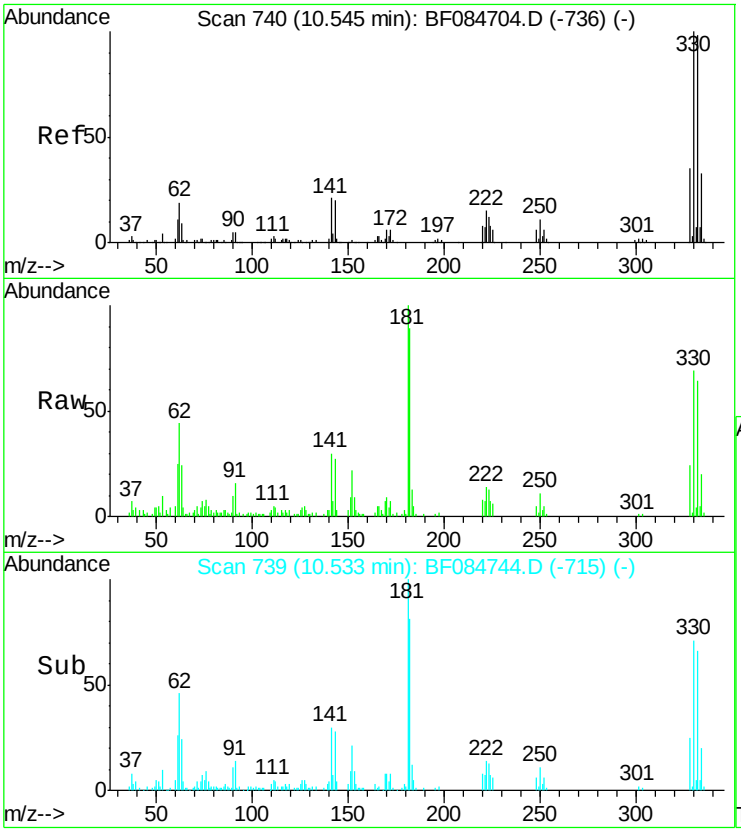


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:164 Resp: 272074

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	45.9	37.5	56.3



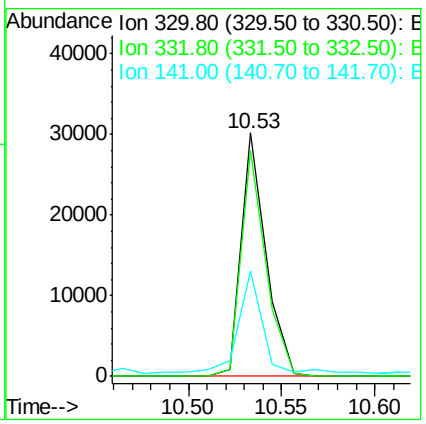


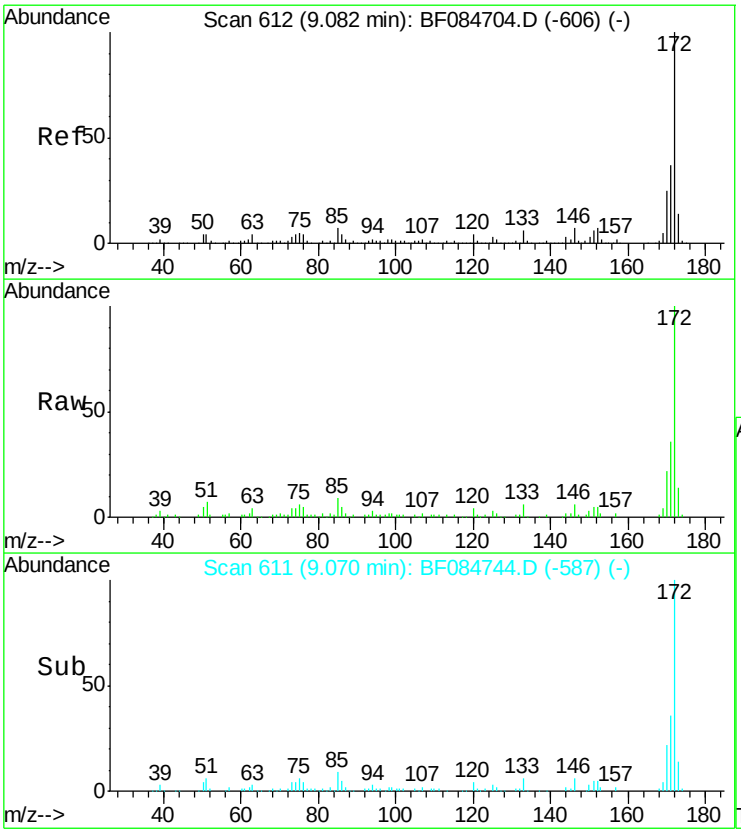
#41
2,4,6-Tribromophenol
Concen: 9.83 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:330 Resp: 27884

Ion	Ratio	Lower	Upper
330	100		
332	92.5	76.6	114.8
141	43.3	27.8	41.6#

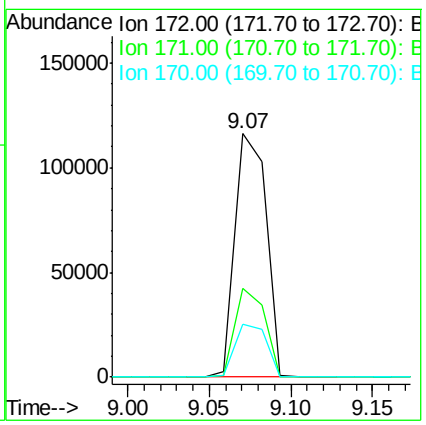


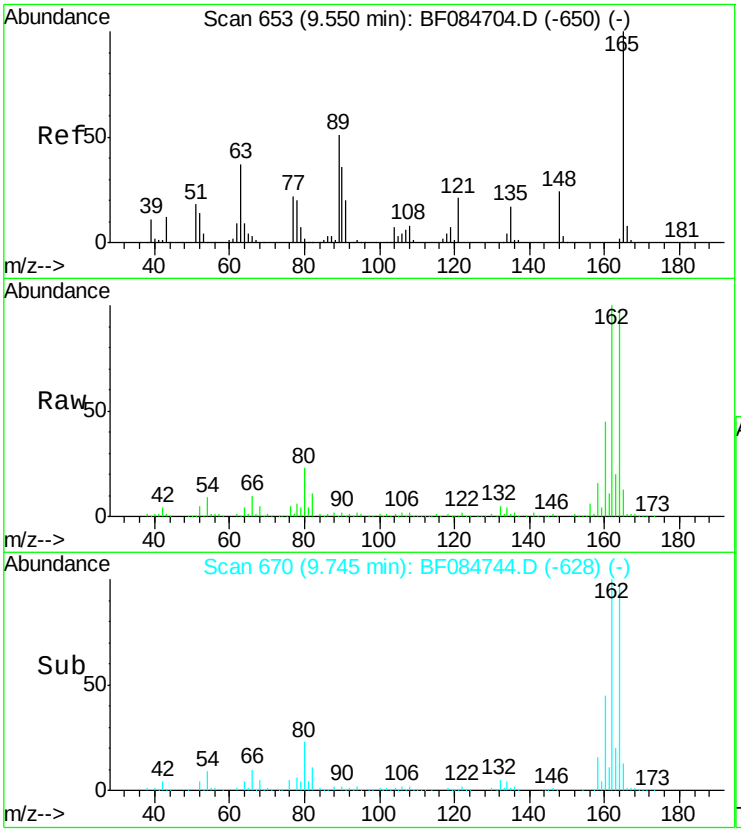


#44
2-Fluorobiphenyl
Concen: 6.31 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:172 Resp: 152972

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.9	43.3
170	21.8	18.6	27.8



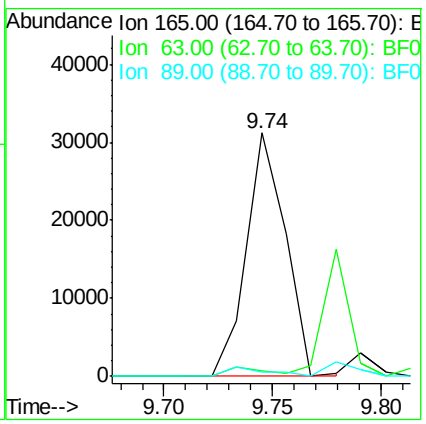


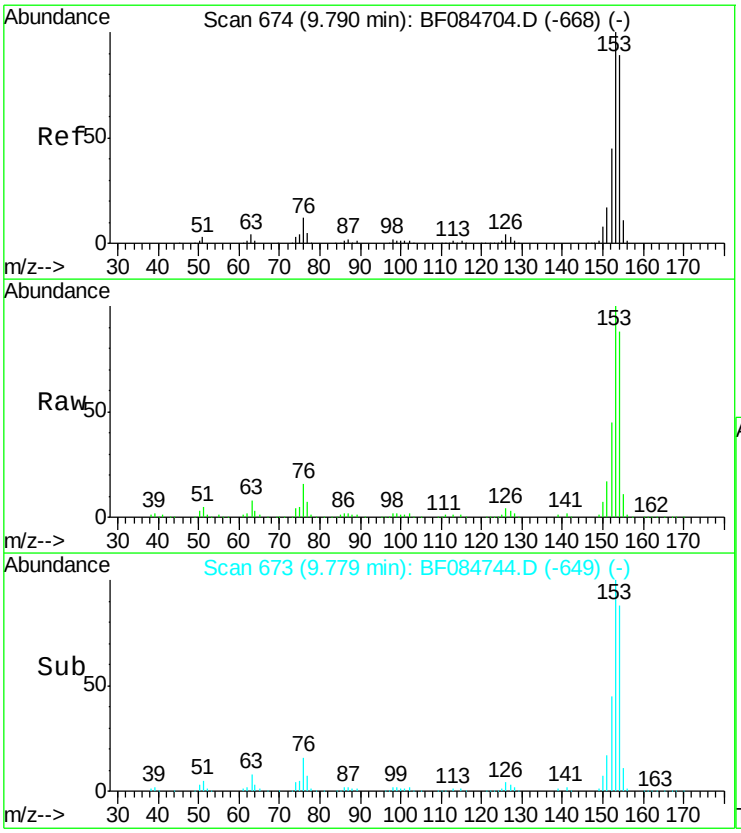
#50
2,6-Dinitrotoluene
Concen: 8.64 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.18 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:165 Resp: 39095

Ion	Ratio	Lower	Upper
165	100		
63	2.2	28.8	43.2#
89	1.9	35.1	52.7#

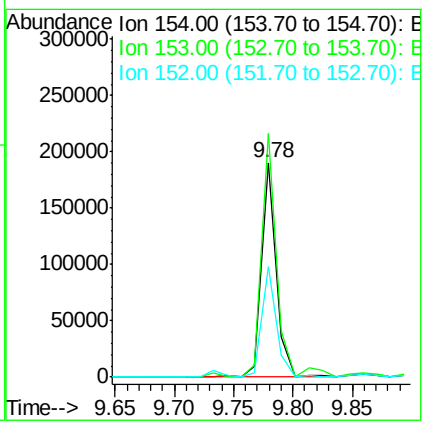


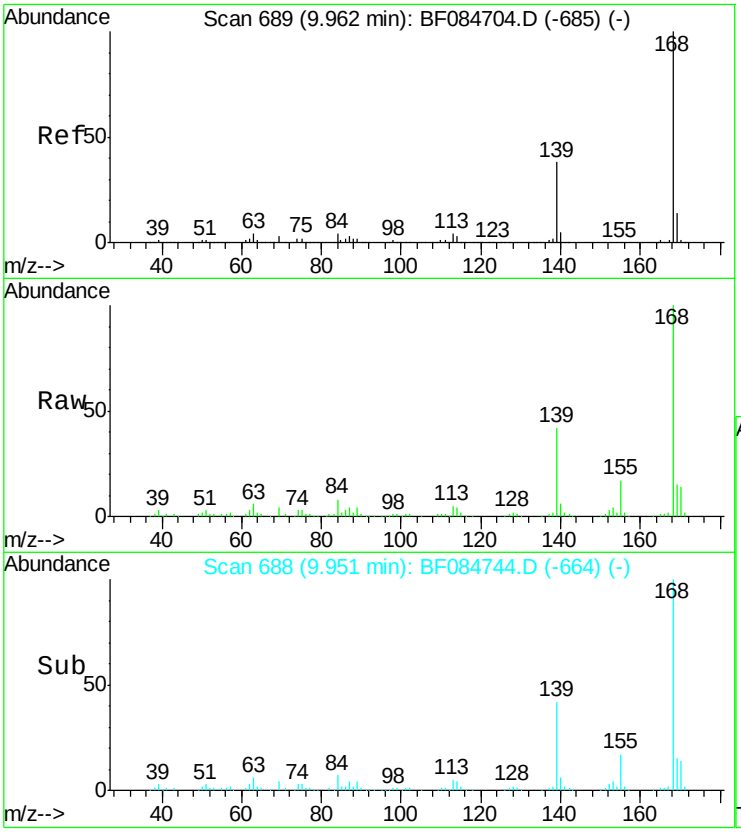


#51
Acenaphthene
Concen: 9.37 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:154 Resp: 165609

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.5	137.3
152	51.3	43.0	64.6



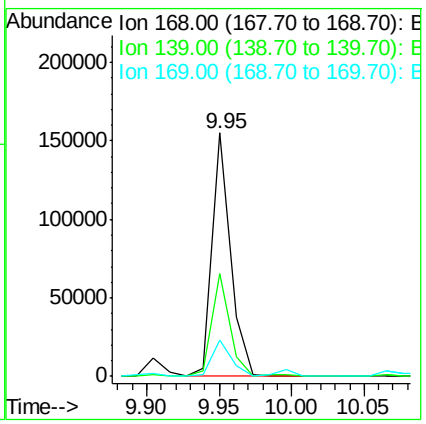


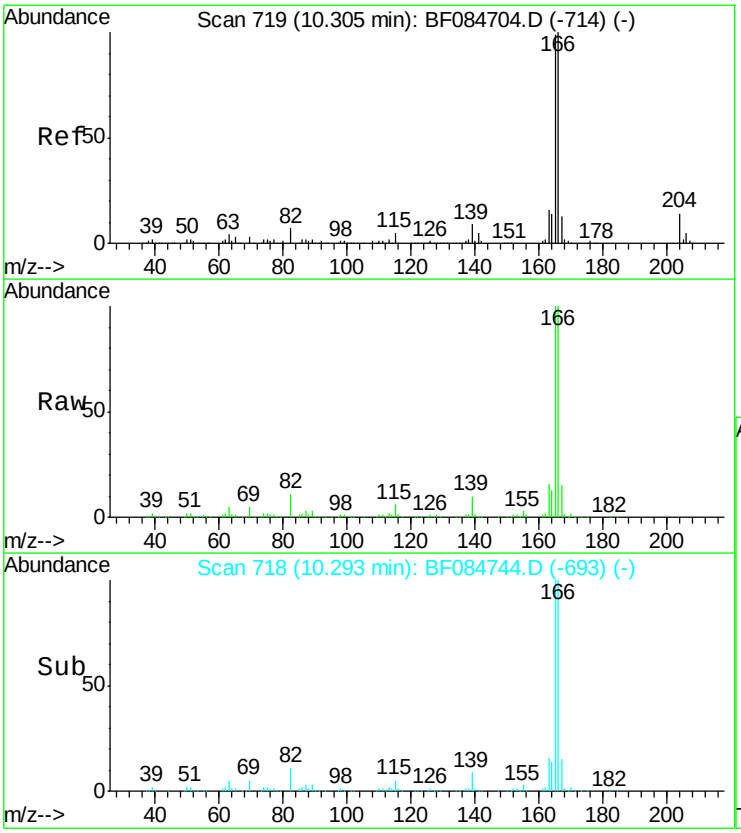
#54
Dibenzofuran
Concen: 6.35 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:168 Resp: 137219

Ion	Ratio	Lower	Upper
168	100		
139	42.1	30.5	45.7
169	14.9	10.4	15.6

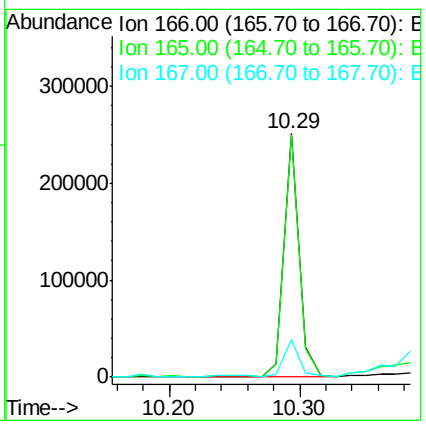


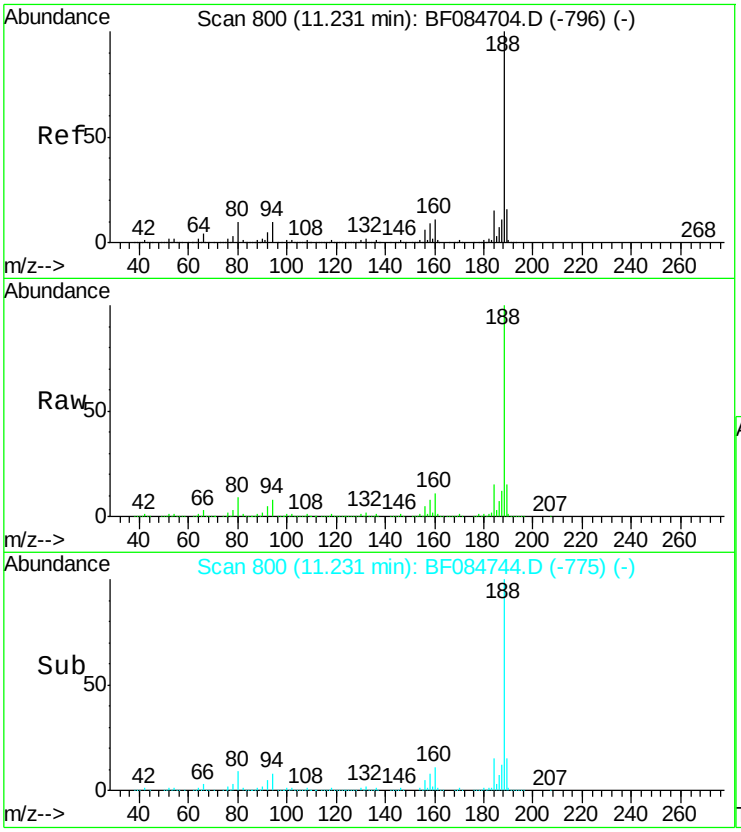


#57
Fluorene
Concen: 11.42 ng
RT: 10.29 min Scan# 718
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:166 Resp: 205989

Ion	Ratio	Lower	Upper
166	100		
165	99.6	79.1	118.7
167	15.2	10.4	15.6



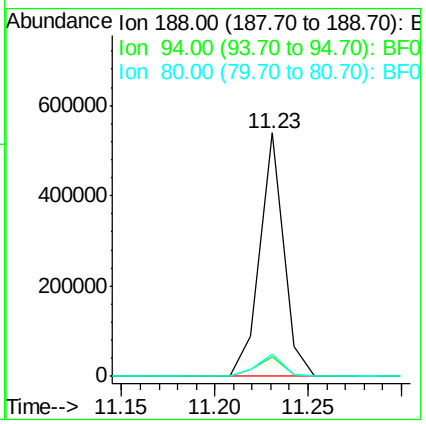


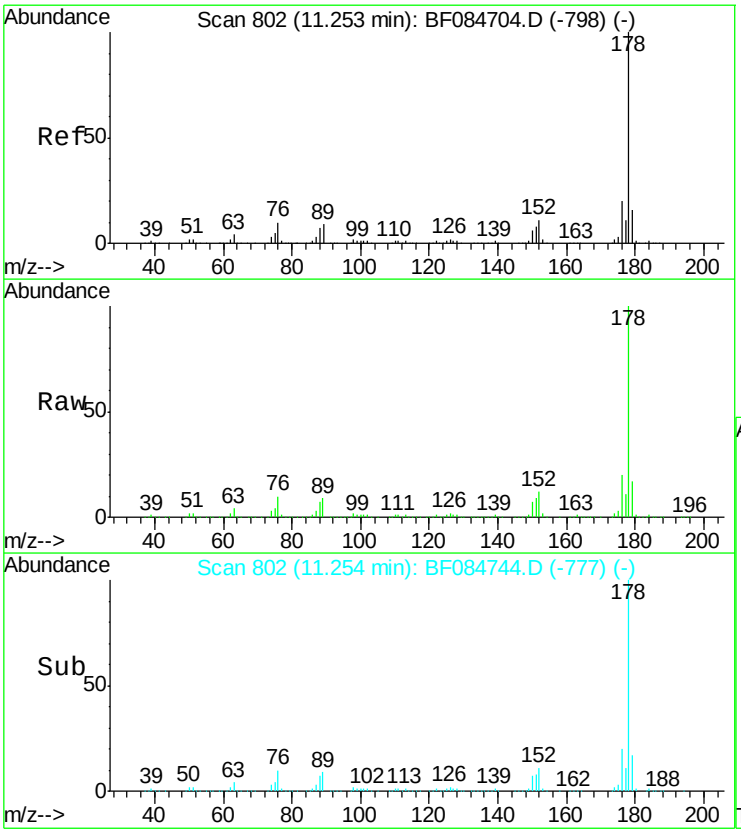
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:188 Resp: 476664

Ion	Ratio	Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	9.0	9.6	14.4#

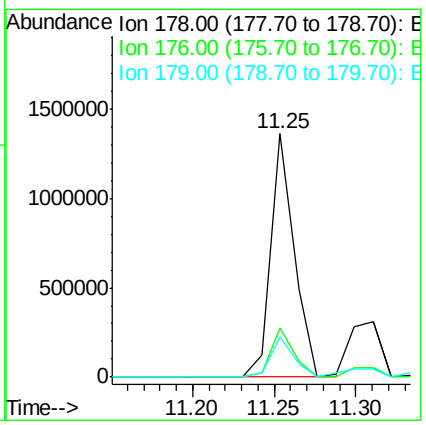


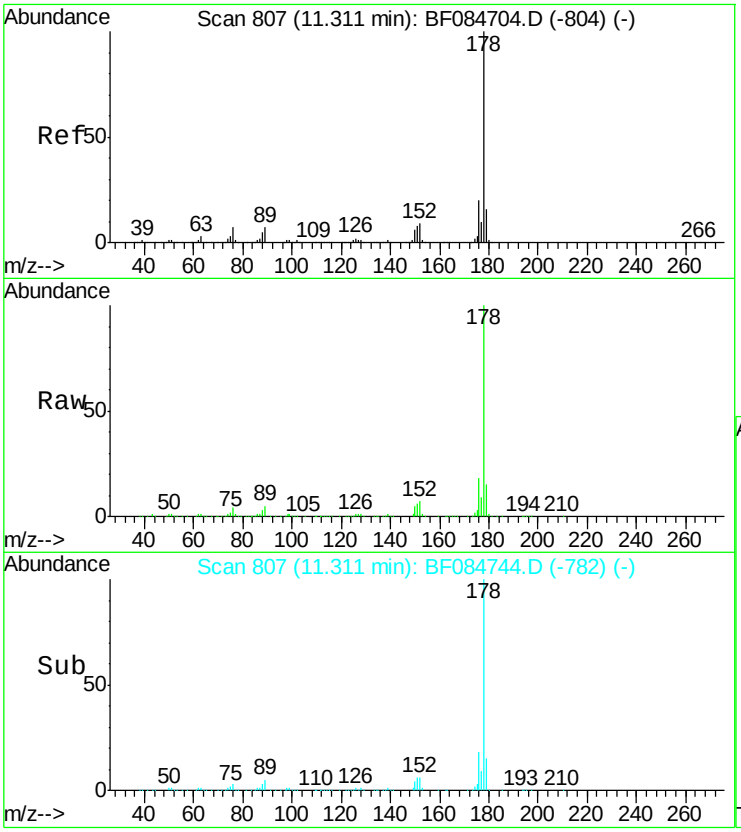


#70
Phenanthrene
Concen: 52.07 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:178 Resp: 1376678

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.3	22.9
179	16.7	12.0	18.0



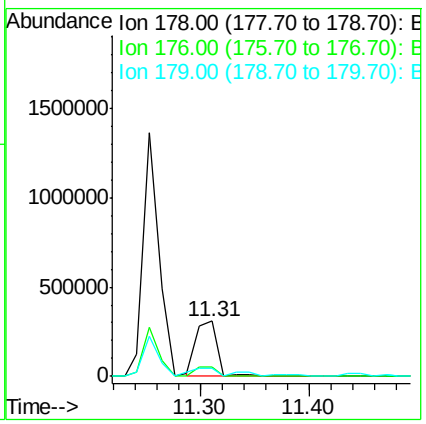


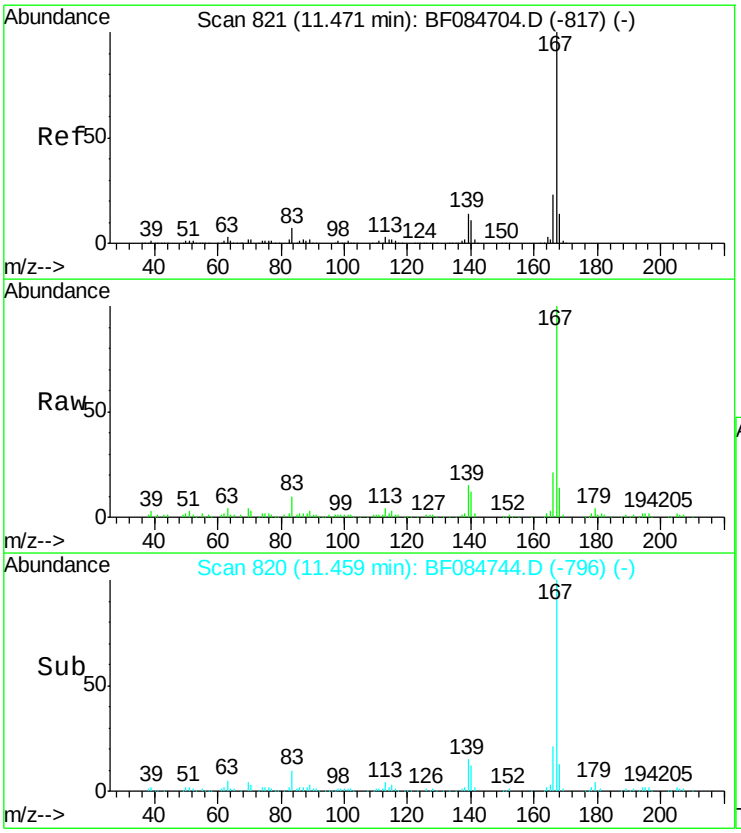
#71
Anthracene
Concen: 15.93 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:178 Resp: 424429

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.4	23.0
179	15.0	12.5	18.7

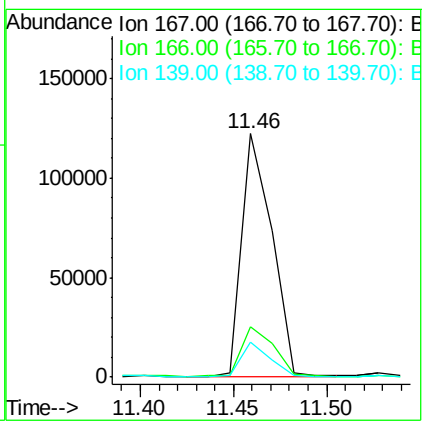


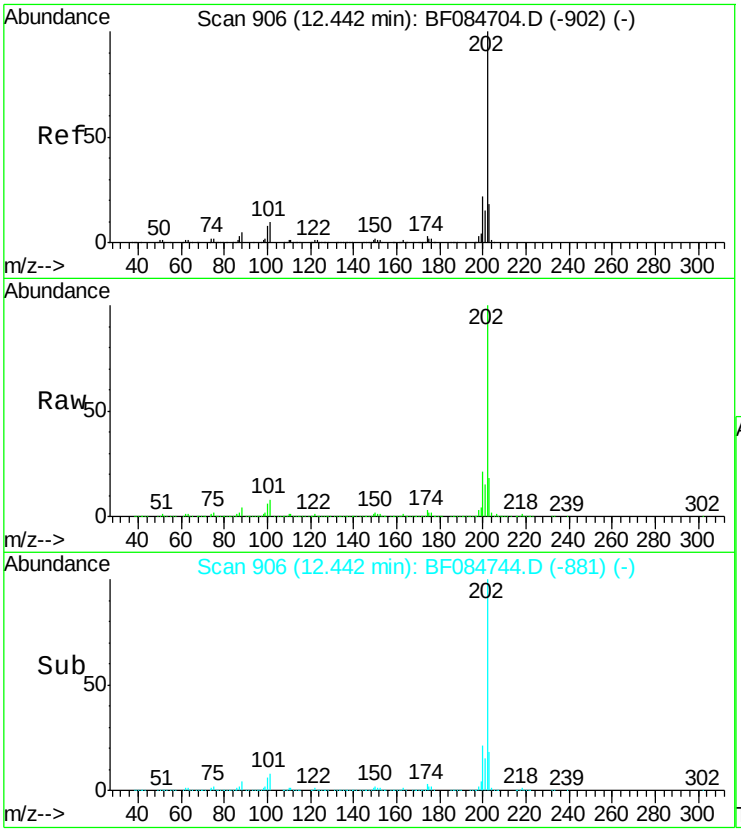


#72
Carbazole
Concen: 5.97 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:167 Resp: 138610

Ion	Ratio	Lower	Upper
167	100		
166	20.6	17.6	26.4
139	14.6	11.8	17.8



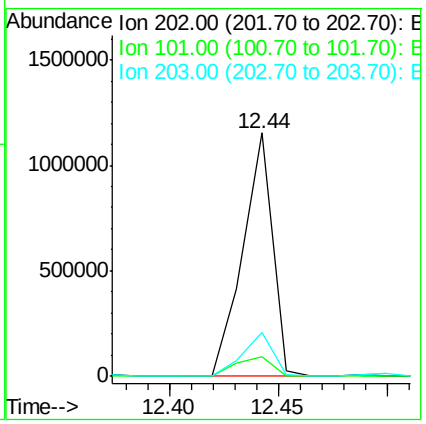


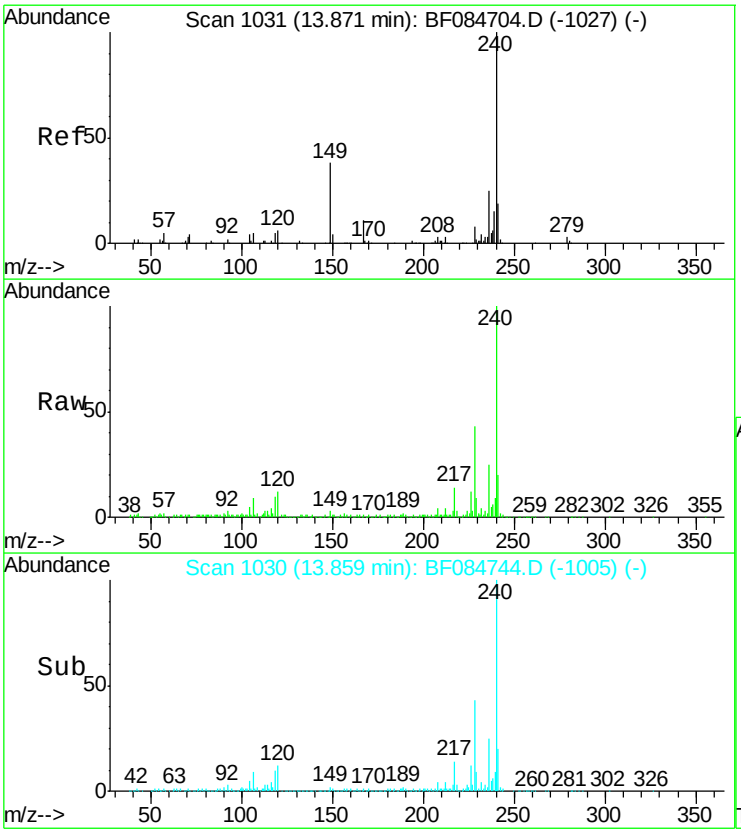
#74
Fluoranthene
Concen: 41.04 ng
RT: 12.44 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:202 Resp: 1098289

Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	32.8
203	18.1	0.0	37.9

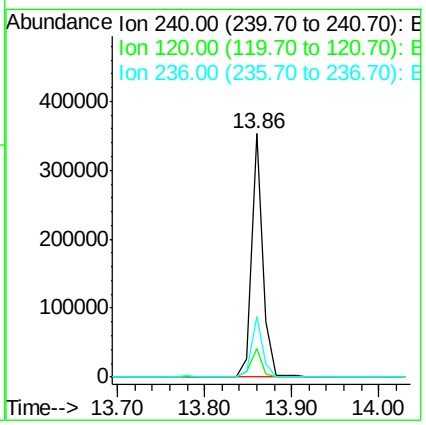


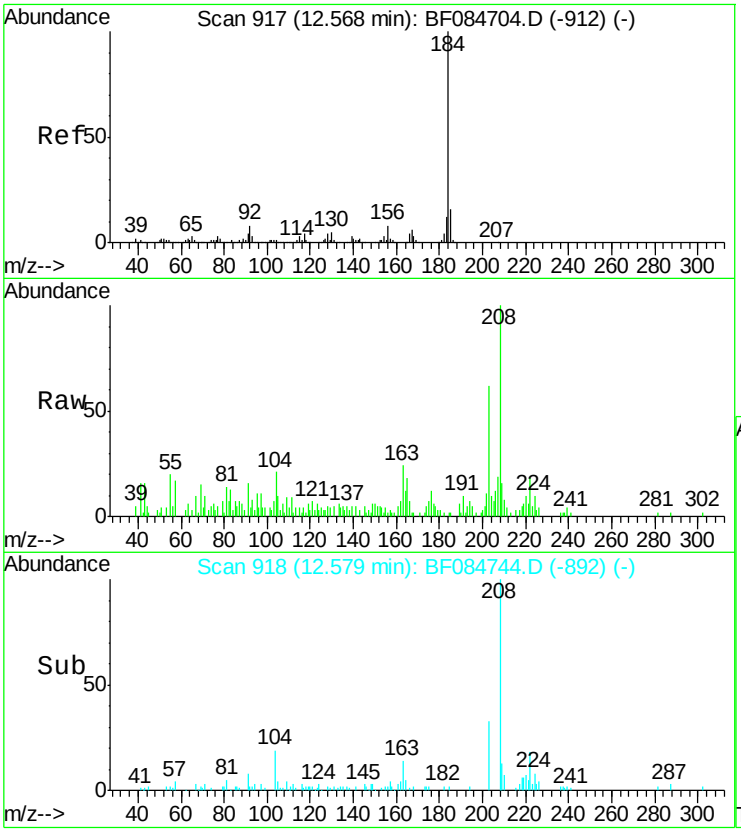


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:240 Resp: 319583

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	24.9	20.6	31.0



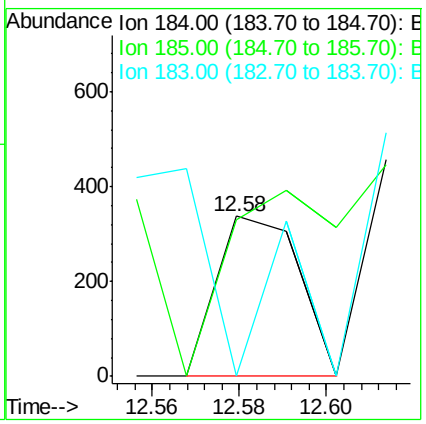


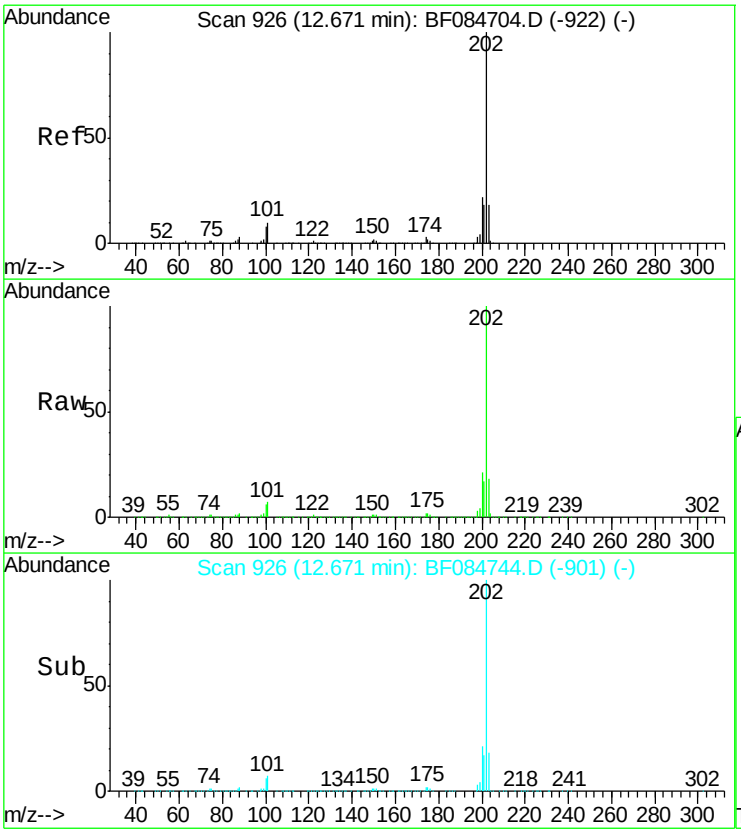
#76
Benzidine
Concen: 6.92 ng
RT: 12.58 min Scan# 918
Delta R.T. 0.00 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:184 Resp: 440

Ion	Ratio	Lower	Upper
184	100		
185	97.9	12.2	18.2#
183	0.0	9.8	14.8#

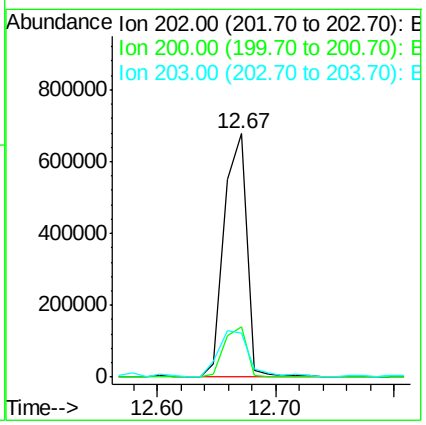


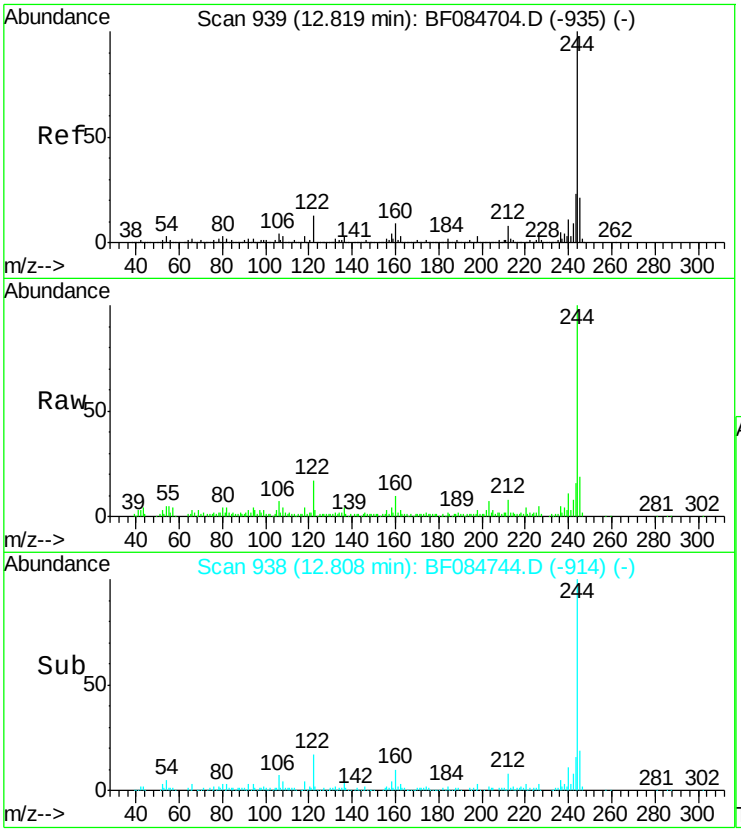


#77
Pyrene
Concen: 36.23 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:202 Resp: 886588

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	18.1	14.3	21.5



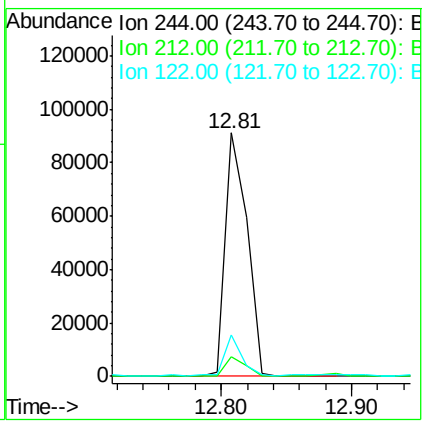


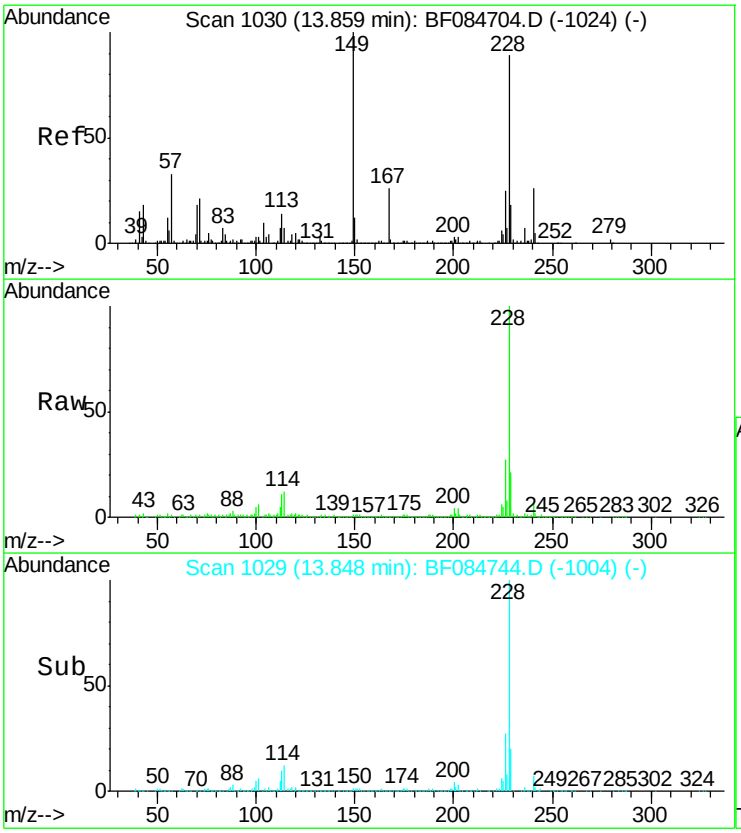
#78
Terphenyl-d14
Concen: 7.49 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:244 Resp: 105649

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.7	8.5
122	16.9	7.4	11.0#

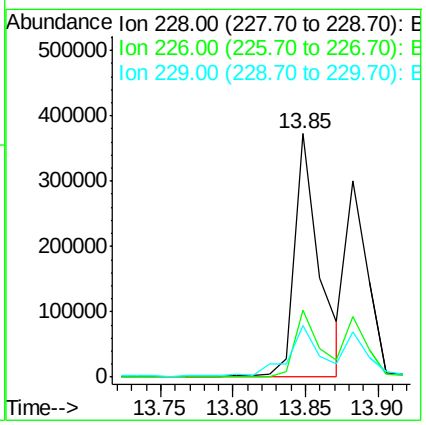


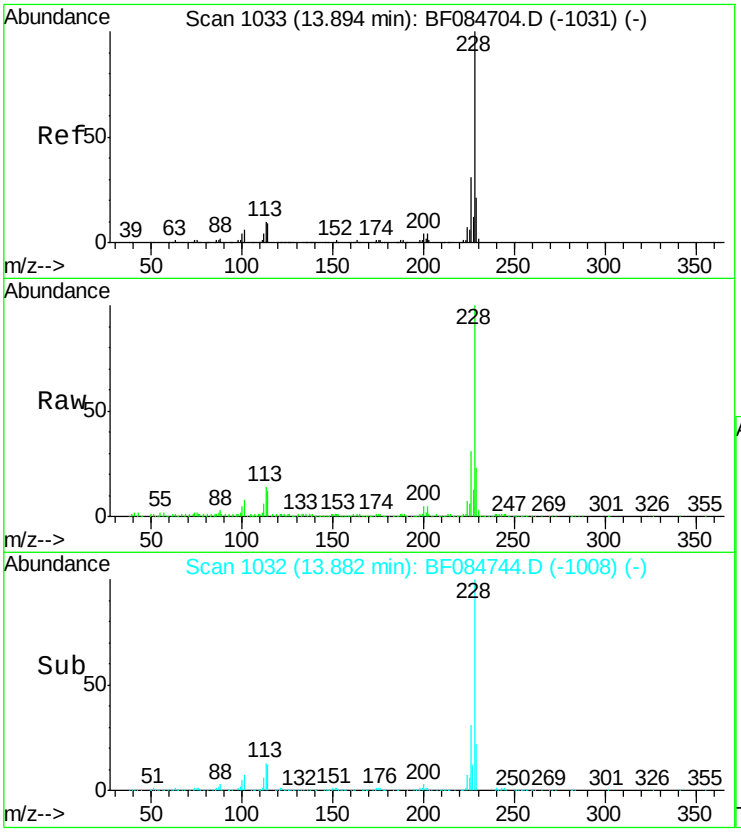


#80
Benzo(a)anthracene
Concen: 22.15 ng
RT: 13.85 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:228 Resp: 439299

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	21.1	15.8	23.8



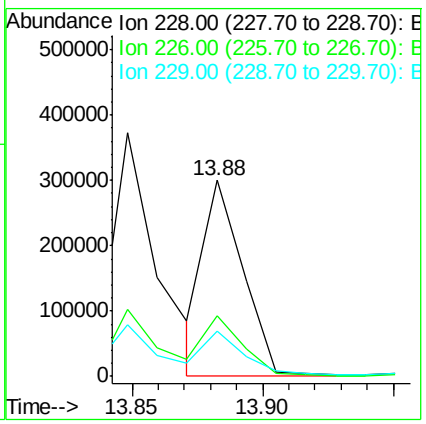


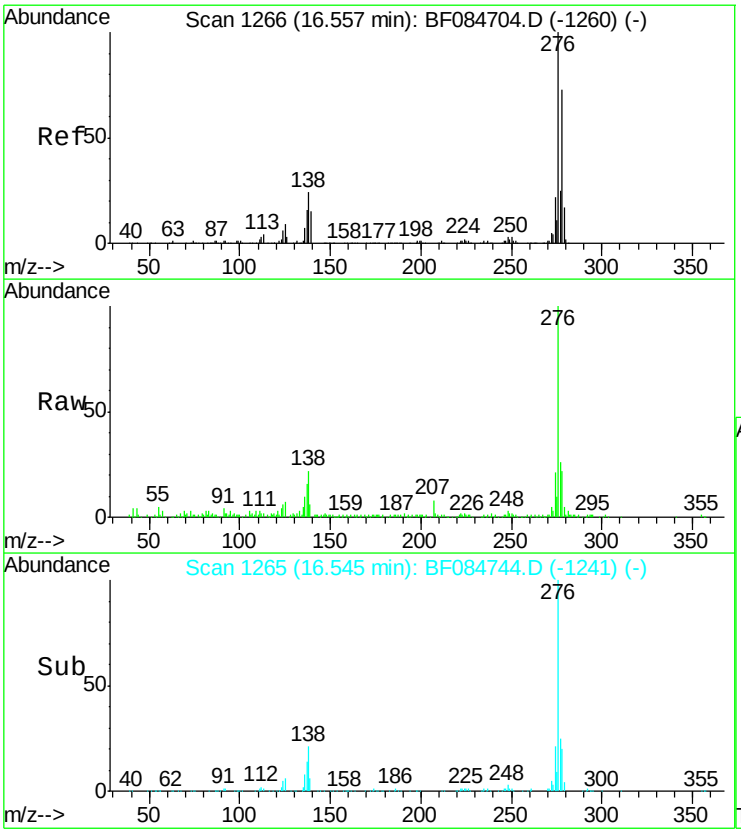
#82
Chrysene
Concen: 16.14 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:228 Resp: 310538

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	23.0	16.1	24.1

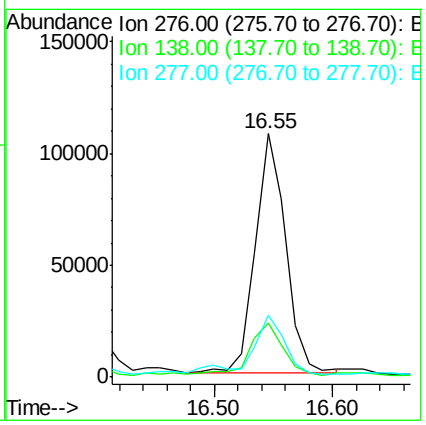


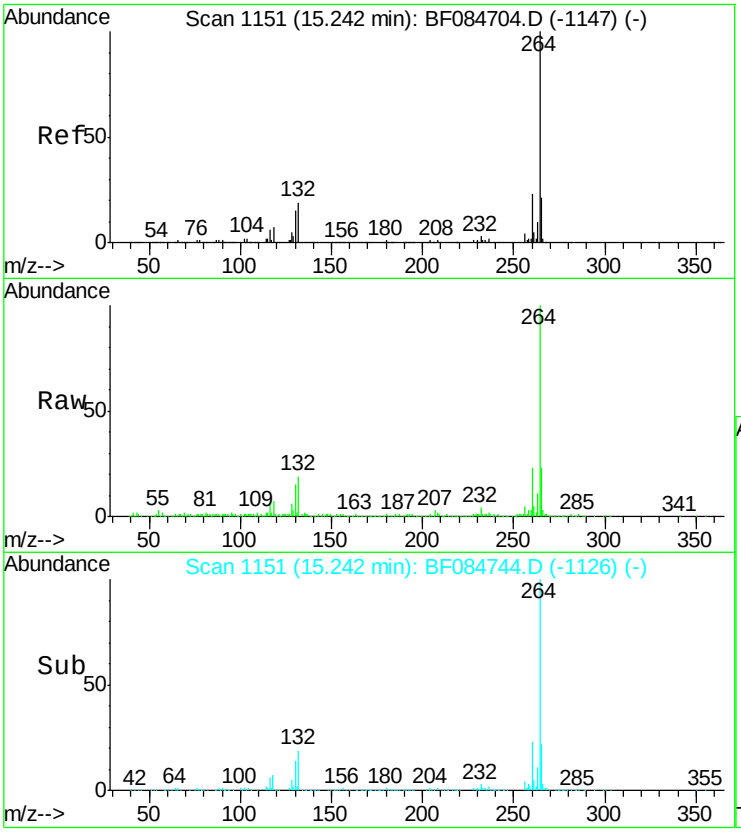


#85
Indeno(1,2,3-cd)pyrene
Concen: 12.55 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:276 Resp: 190049

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.6	30.8
277	29.5	20.1	30.1



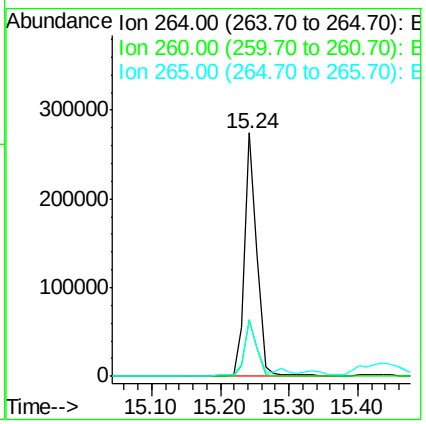


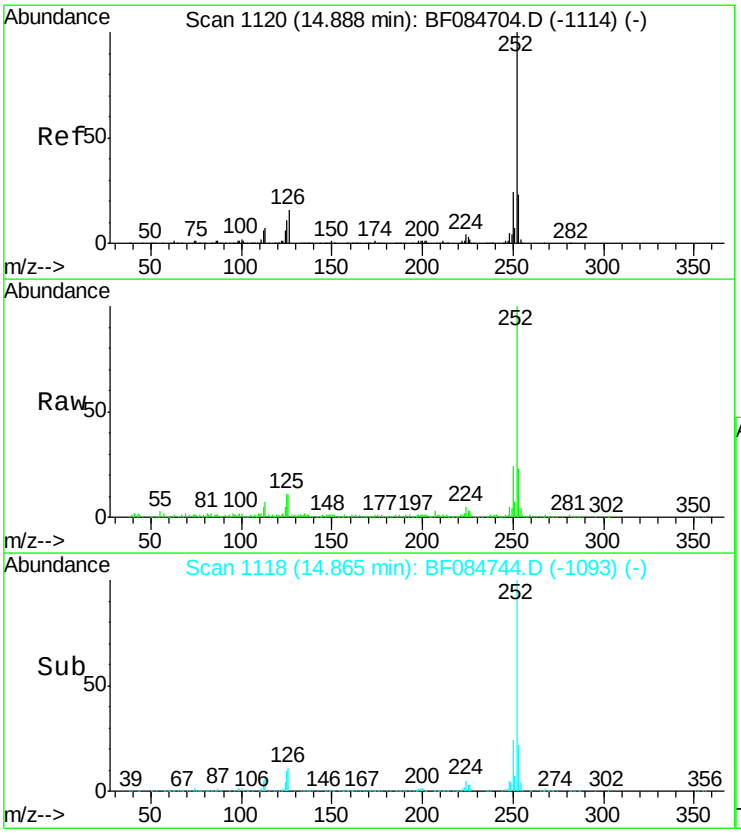
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:264 Resp: 341049

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	22.6	17.8	26.6

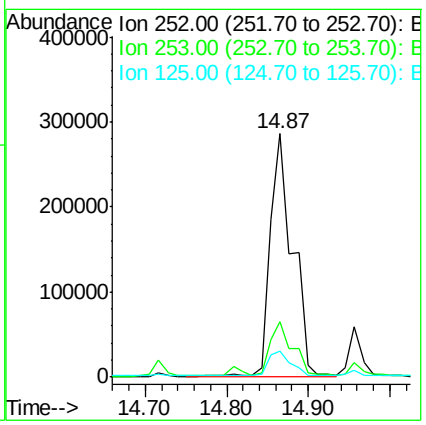


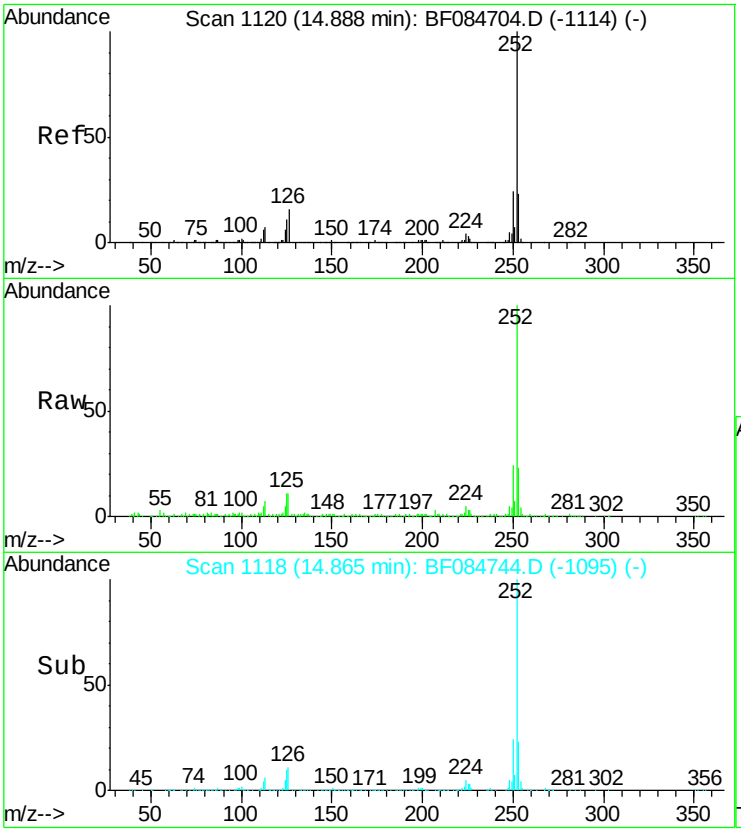


#87
Benzo(b)fluoranthene
Concen: 23.71 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:252 Resp: 543232

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	10.9	6.5	9.7#



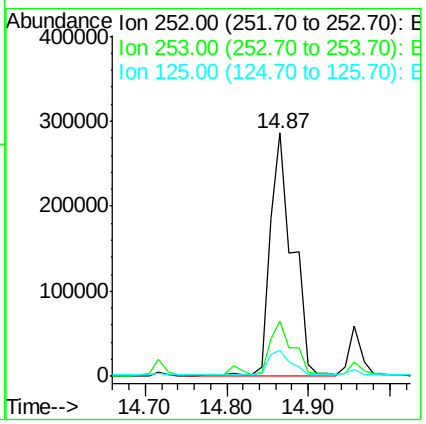


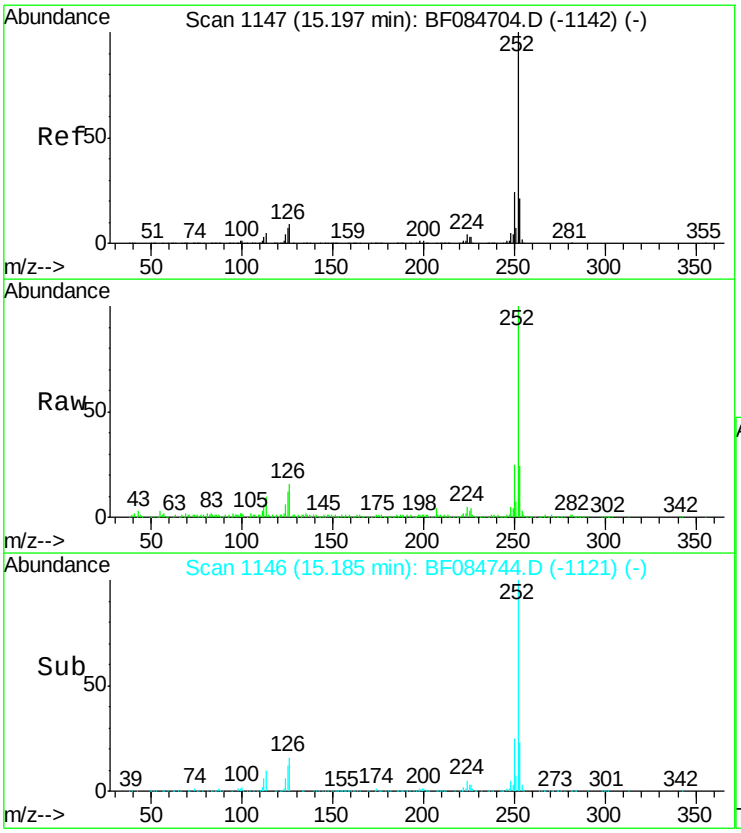
#88
Benzo(k)fluoranthene
Concen: 28.67 ng
RT: 14.87 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:252 Resp: 543232

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	10.9	9.0	13.6

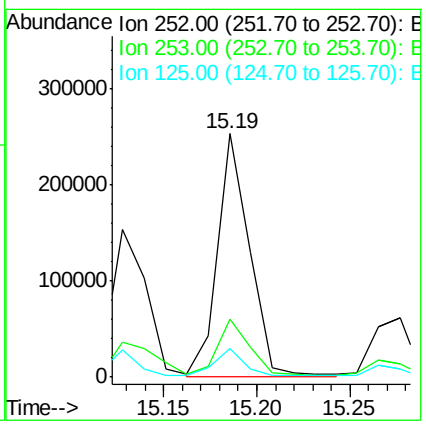


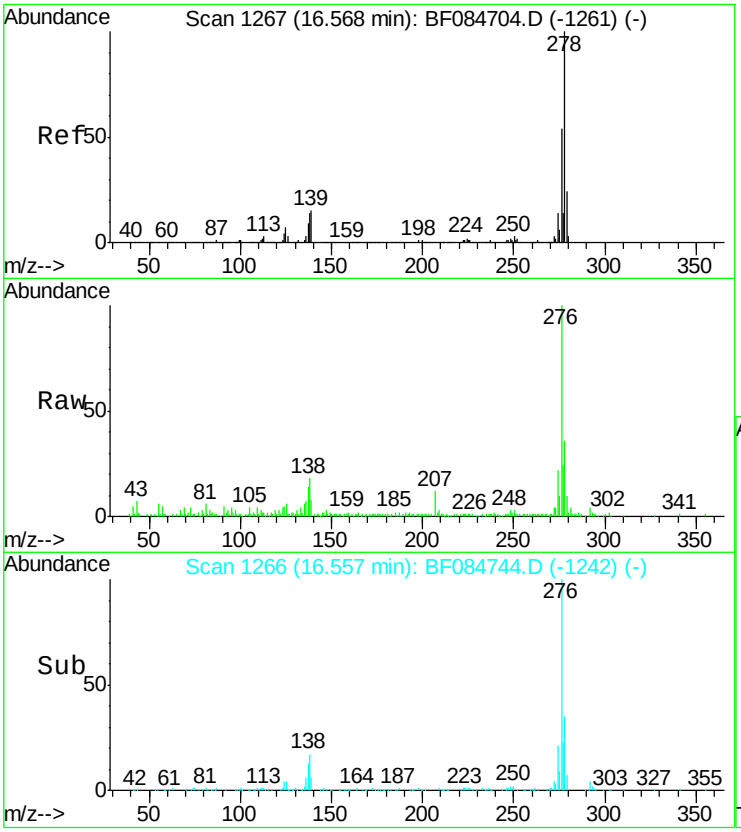


#89
Benzo(a)pyrene
Concen: 15.44 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:252 Resp: 301490

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.3	25.9
125	11.9	7.0	10.4#



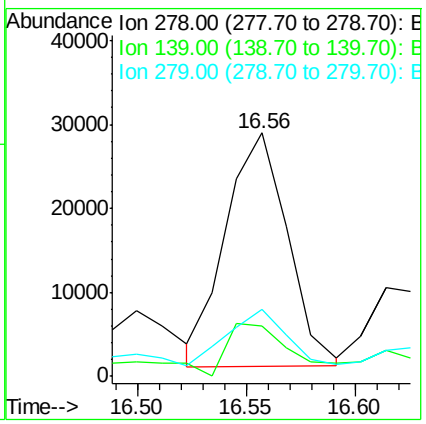


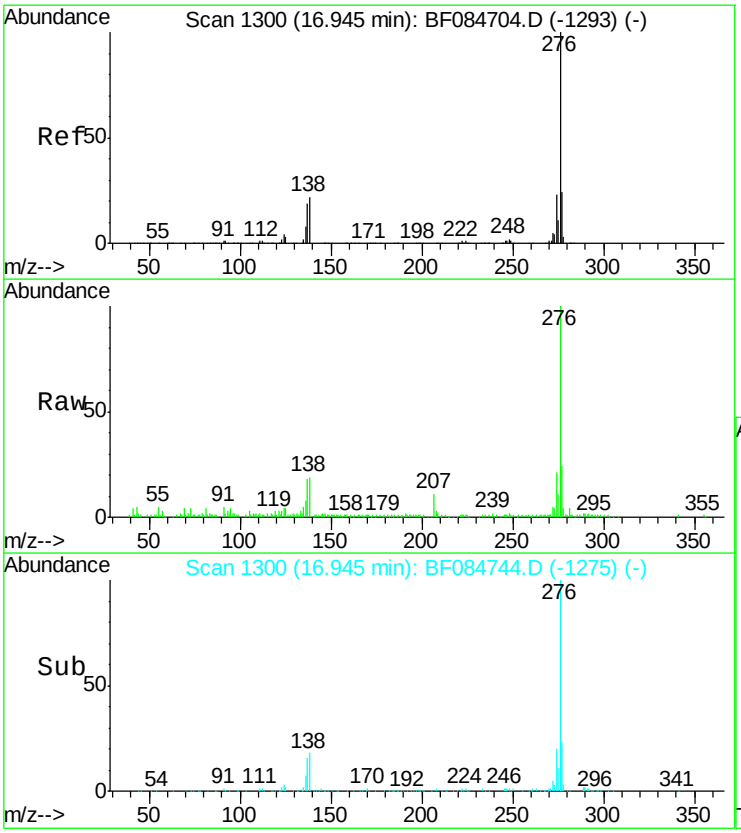
#90
Dibenzo(a,h)anthracene
Concen: 3.35 ng
RT: 16.56 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Instrument :
BNA_F
ClientSampleId :
SUP-B013(16-18)DL

Tgt Ion:278 Resp: 55139

Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.0	22.4
279	27.7	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 11.41 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF084744.D
Acq: 2 Feb 2016 7:28

Tgt Ion:276 Resp: 188987

Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.0	17.8	26.6