Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089714.D
Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DEL3-BASE(66)

Quant Time: Aug 11 01:32:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	45692	20.00	ng		-0.05
21) Naphthalene-d8	9.43	136	182600	20.00	ng		-0.05
38) Acenaphthene-d10	12.25	164	73584	20.00	ng		-0.05
63) Phenanthrene-d10	14.65	188	110274	20.00	ng		-0.05
75) Chrysene-d12	18.37	240	102806	20.00	ng		-0.02
86) Perylene-d12	20.03	264	95859	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	318606	116.87	ng		-0.01
7) Phenol-d6	6.97	99	430141	116.31	ng		-0.01
23) Nitrobenzene-d5	8.32	82	250530	75.89	ng		-0.05
41) 2,4,6-Tribromophenol	13.55	330	52739	86.85	ng		-0.03
44) 2-Fluorobiphenyl	11.21	172	375837	66.38	ng		-0.05
78) Terphenyl-d14	17.03	244	242450	46.56	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	8.32	70	30081	11.26	ng	#	80
48) Acenaphthylene	12.02	152	16915	2.06	ng		98
49) Dimethylphthalate	11.90	163	95511	16.56	ng		97
55) 4-Nitrophenol	12.59	139	5533	11.81	ng	#	40
57) Fluorene	13.14	166	15692	2.82	ng	#	95
70) Phenanthrene	14.69	178	246113	41.04	ng		99
71) Anthracene	14.78	178	56335	8.76	ng		97
72) Carbazole	15.07	167	25971	4.85	ng	#	93
74) Fluoranthene	16.47	202	403302	65.43	ng		100
77) Pyrene	16.77	202	373434	41.09	ng	#	93
80) Benzo(a)anthracene	18.35	228	198749	33.65	ng		97
82) Chrysene	18.40	228	171289	27.64	ng		98
83) Bis(2-ethylhexyl)phthalate	18.45	149	13716	2.56	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.22	276	73148	15.54	ng		94
87) Benzo(b)fluoranthene	19.63	252	277312	47.04	ng	#	92
88) Benzo(k)fluoranthene	19.63	252	277312	46.62	ng		96
89) Benzo(a)pyrene	19.98	252	140885	25.52	ng	#	93
90) Dibenzo(a,h)anthracene	21.22	278	20537	3.98	ng	#	80
91) Benzo(g,h,i)perylene	21.55	276	63520	12.03	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081016\
Data File : BF089714.D
Acq On : 11 Aug 2016 00:53
Operator : UM/SJ
Sample : H4400-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Quant Time: Aug 11 01:32:31 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
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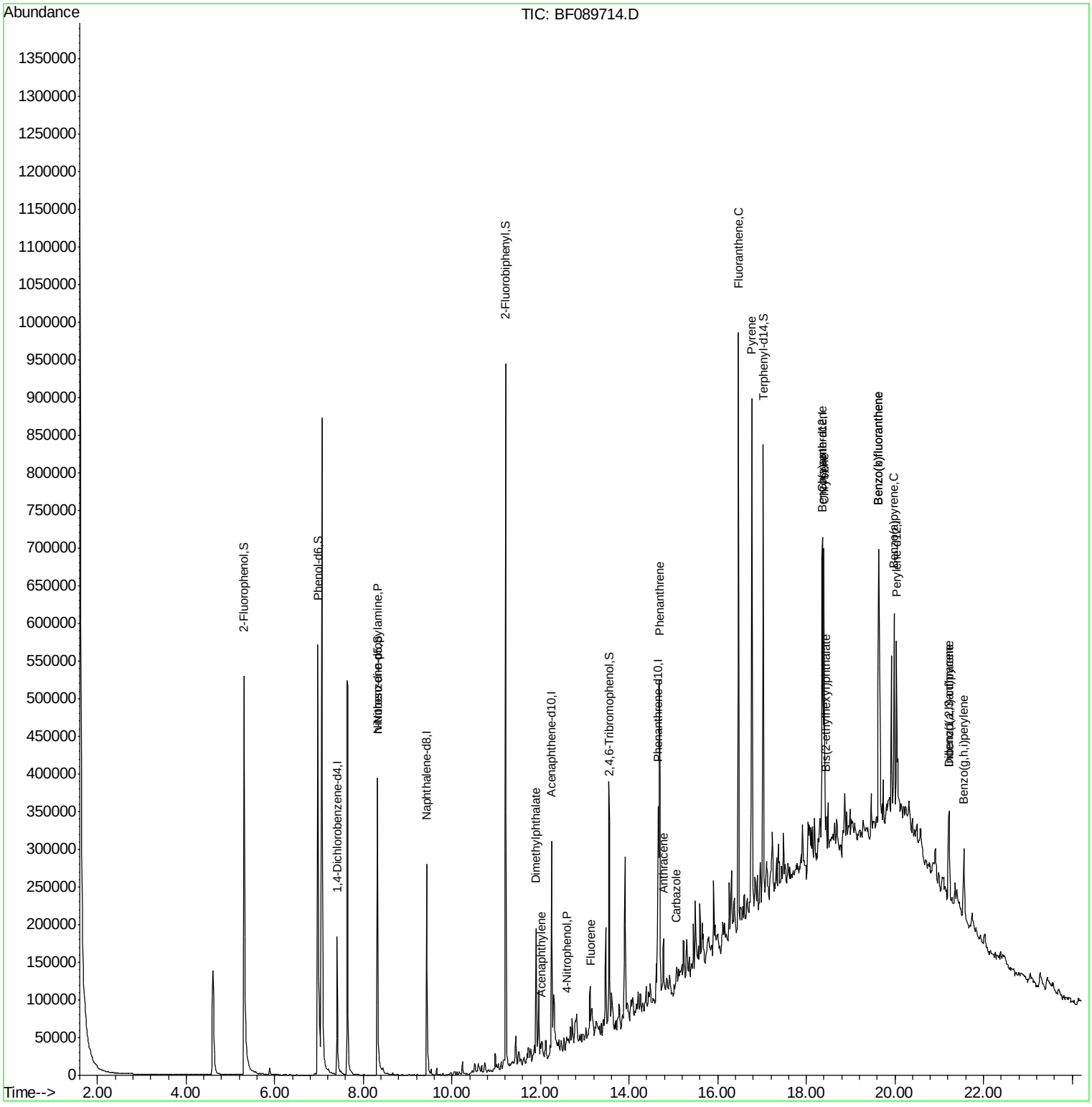
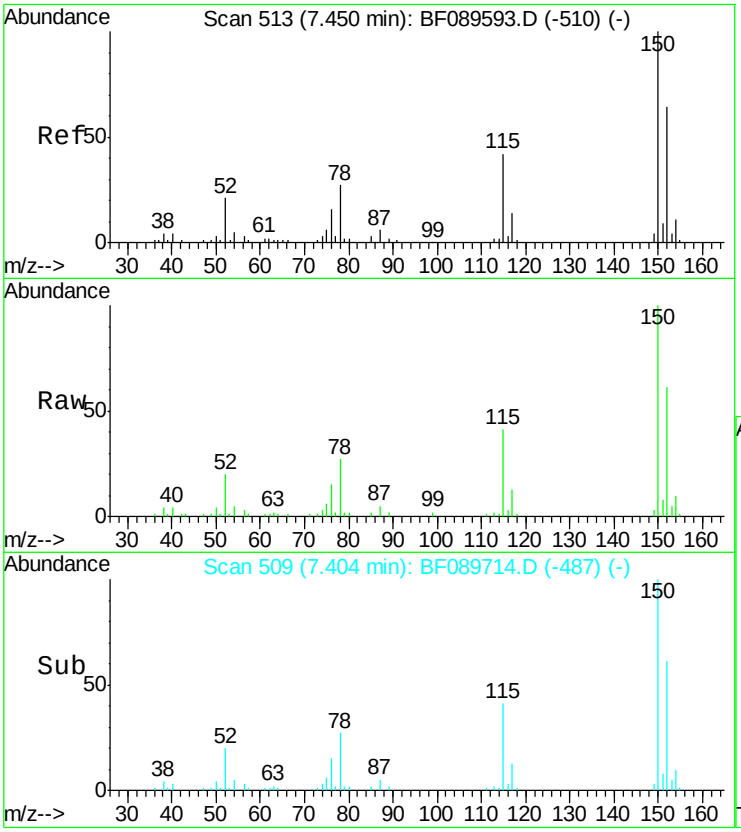


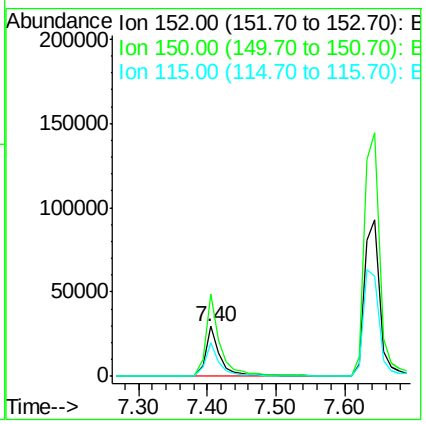


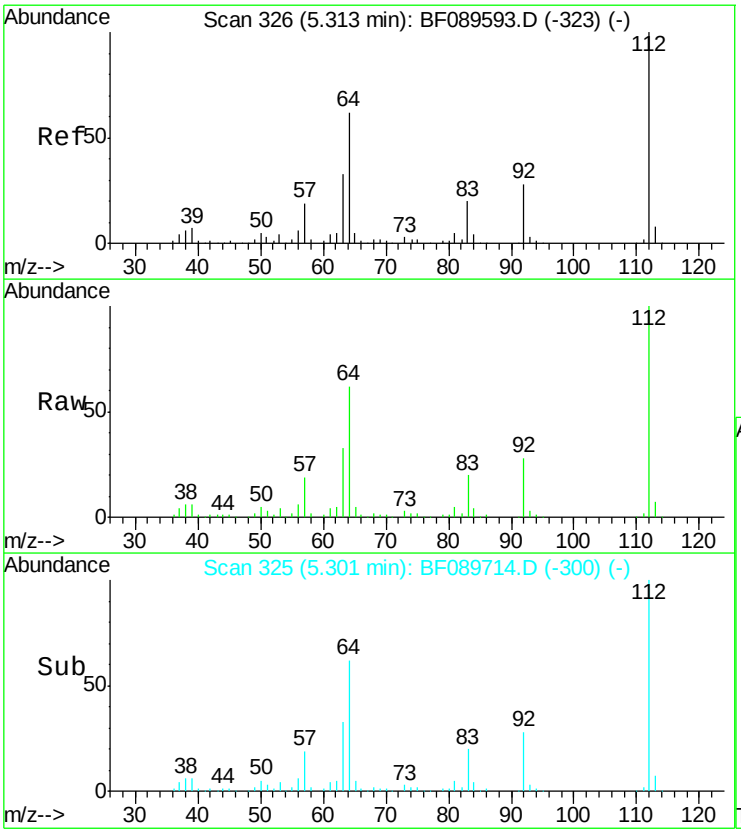
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:152 Resp: 45692

Ion	Ratio	Lower	Upper
152	100		
150	162.8	125.5	188.3
115	67.5	52.0	78.0

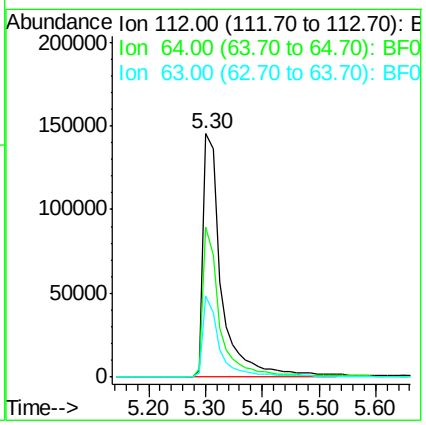


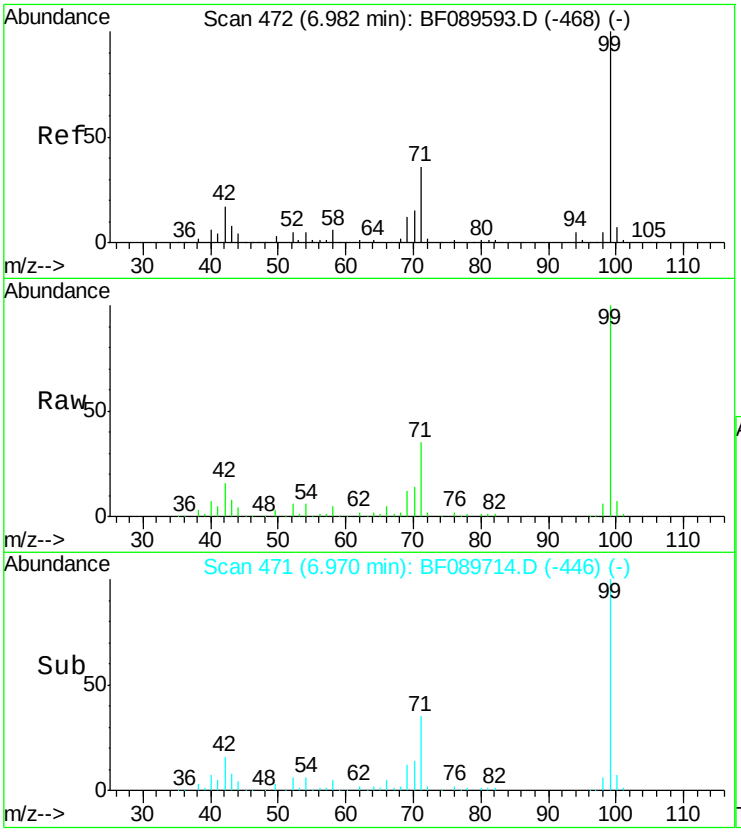


#5
2-Fluorophenol
Concen: 116.87 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:112 Resp: 318606

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.9	74.9
63	33.2	26.1	39.1



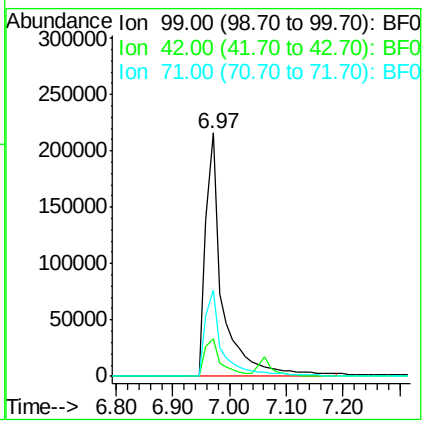


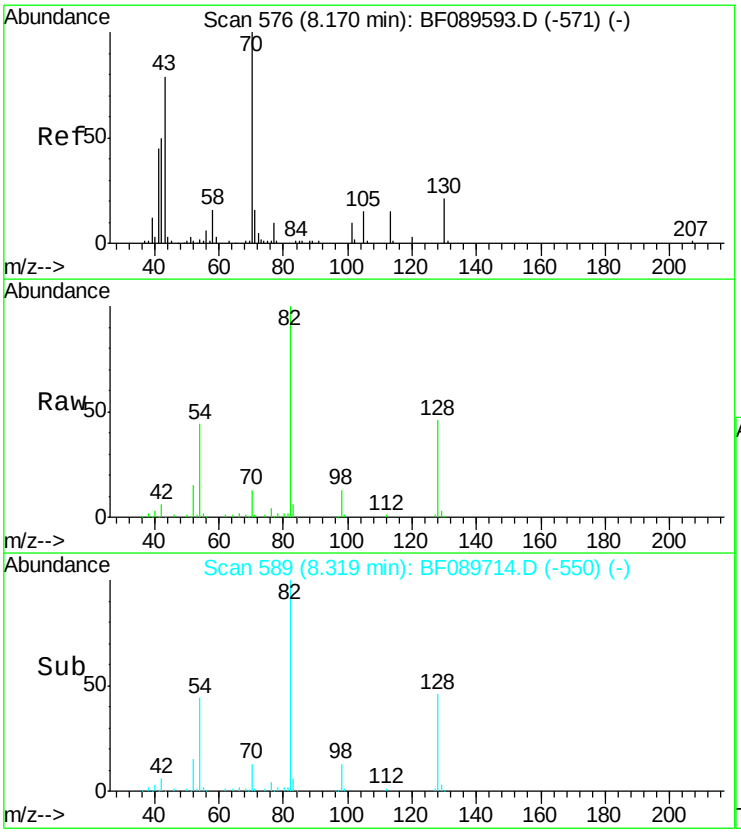
#7
Phenol-d6
Concen: 116.31 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion: 99 Resp: 430141

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	35.3	29.0	43.4

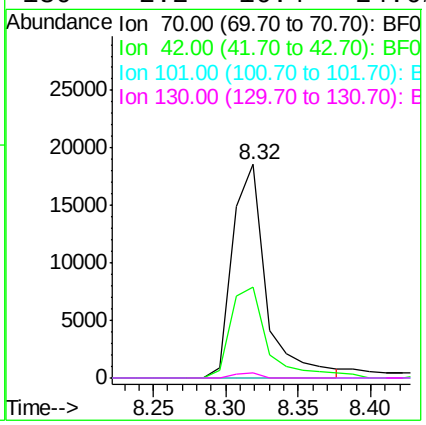


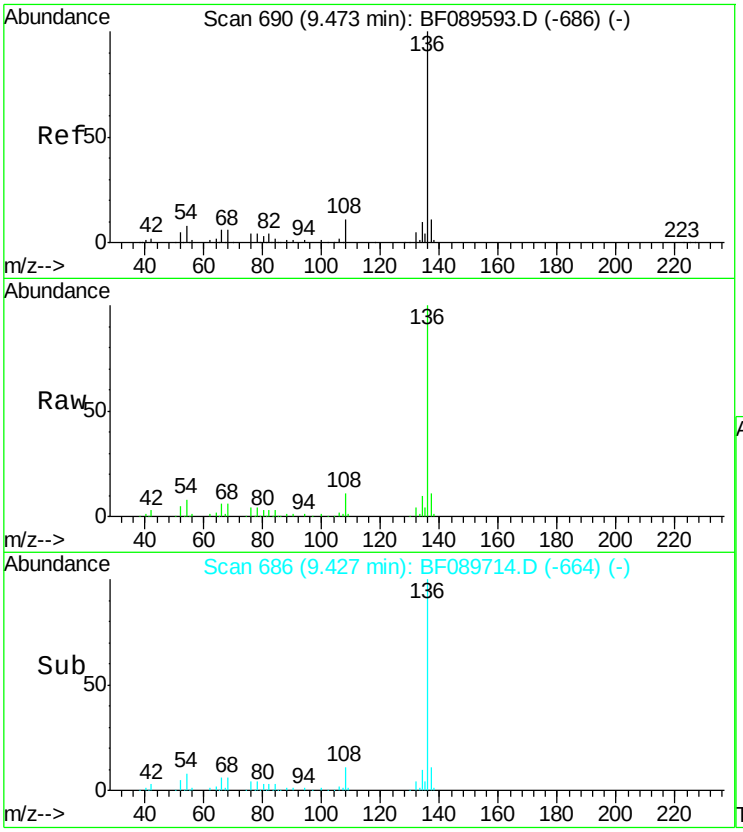


#19
n-Nitroso-di-n-propylamine
Concen: 11.26 ng
RT: 8.32 min Scan# 589
Delta R.T. 0.15 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion: 70 Resp: 30081

Ion	Ratio	Lower	Upper
70	100		
42	42.7	40.2	60.2
101	0.0	7.8	11.6#
130	2.2	16.4	24.6#



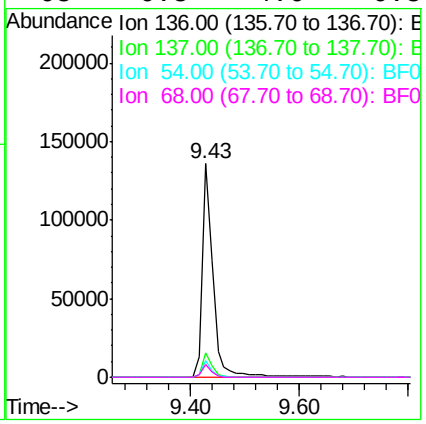


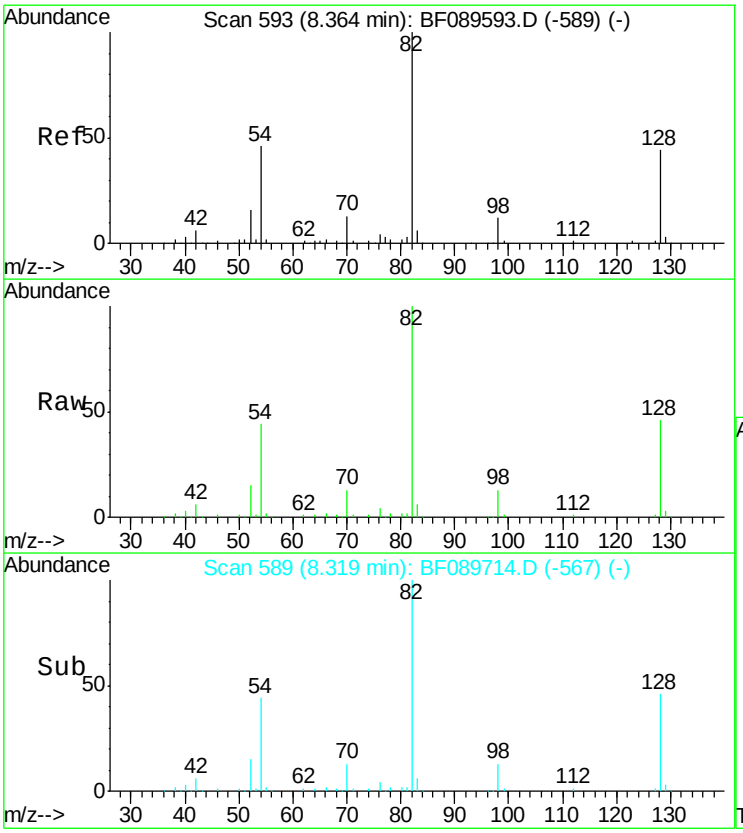
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:136 Resp: 182600

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	7.9	6.0	9.0
68	6.3	4.6	6.8

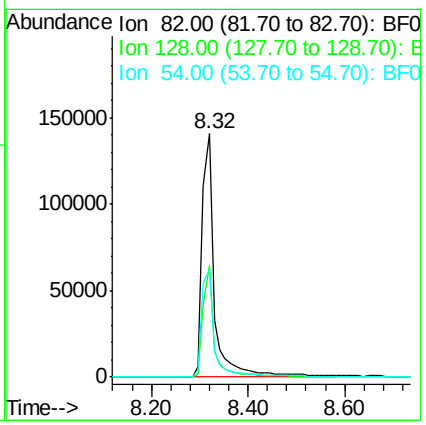


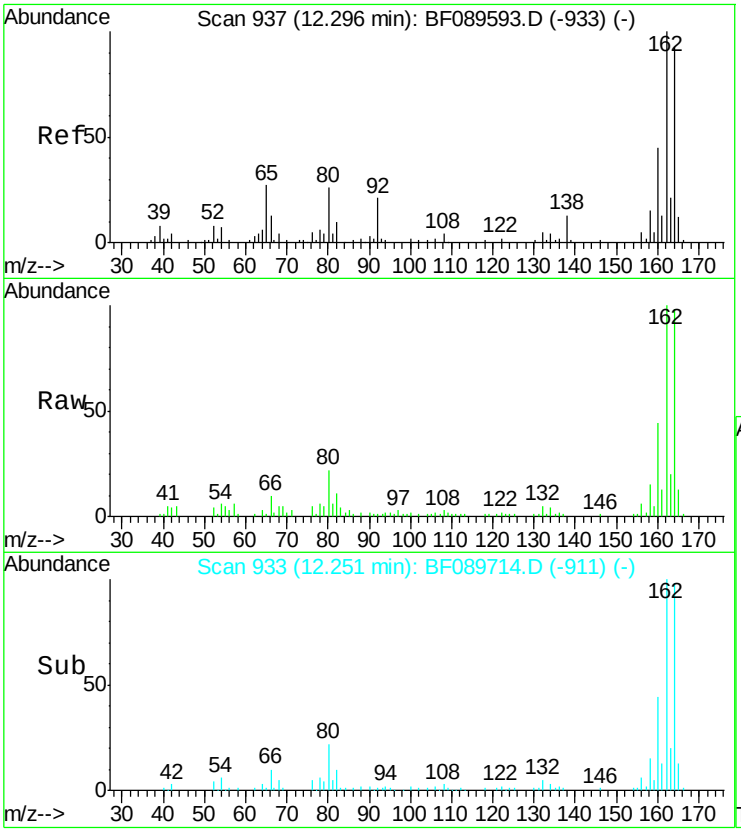


#23
Nitrobenzene-d5
Concen: 75.89 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion: 82 Resp: 250530

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.4	53.0
54	44.3	36.4	54.6



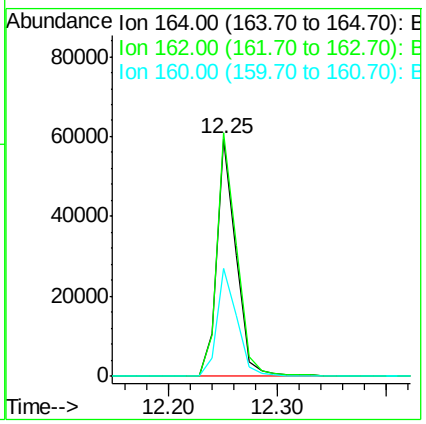


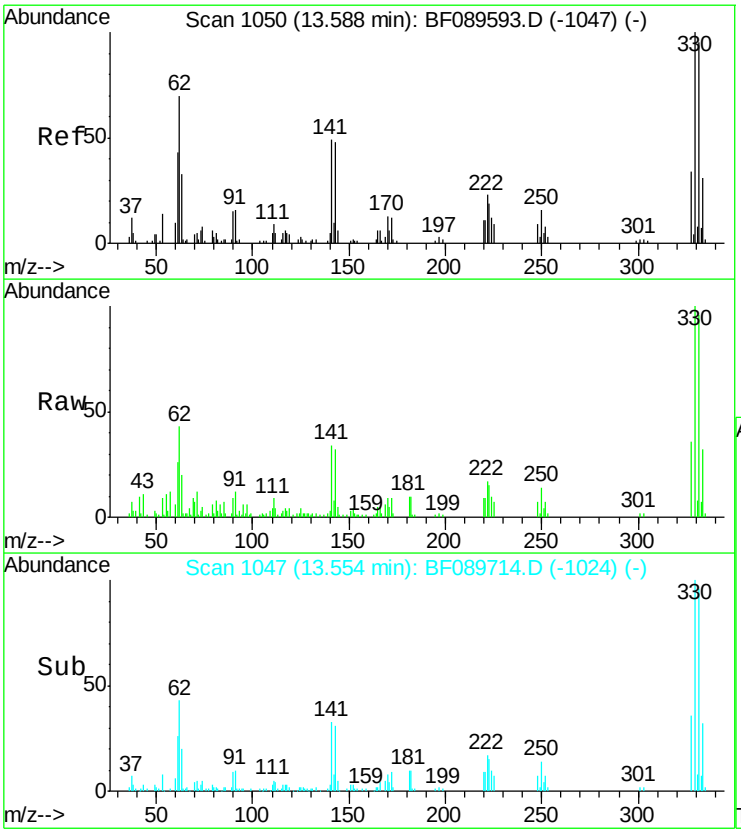
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.25 min Scan# 933
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:164 Resp: 73584

Ion	Ratio	Lower	Upper
164	100		
162	102.5	85.7	128.5
160	45.5	38.2	57.4

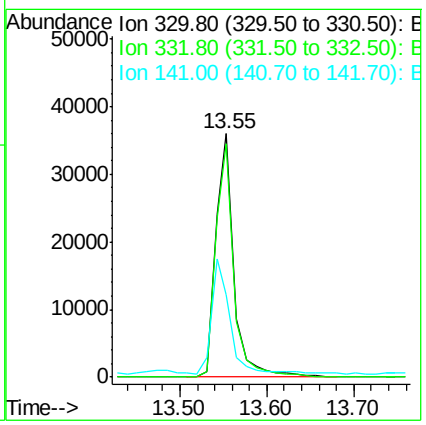


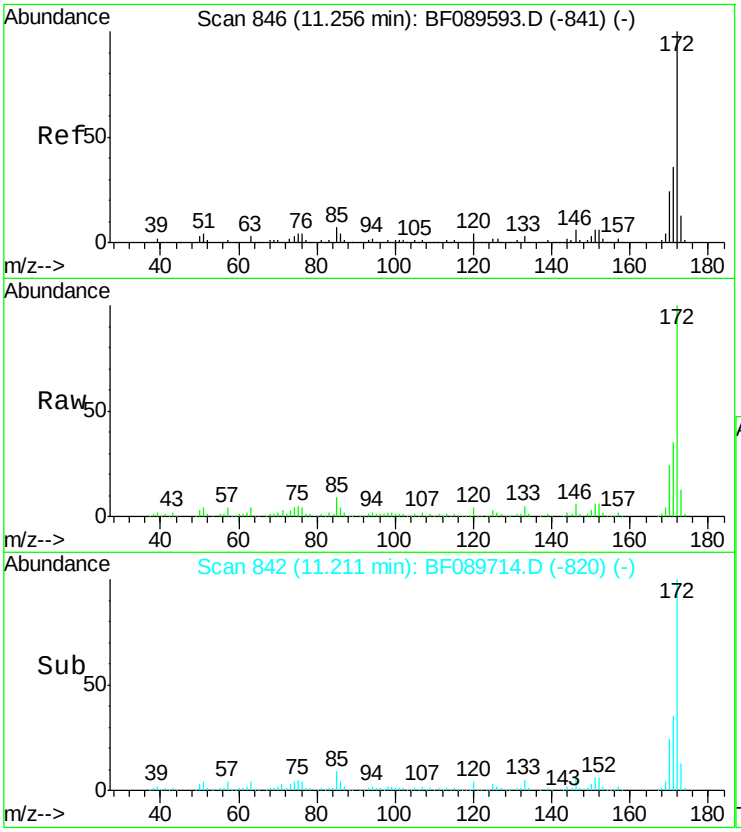


#41
2,4,6-Tribromophenol
Concen: 86.85 ng
RT: 13.55 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:330 Resp: 52739

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	48.3	38.6	57.8



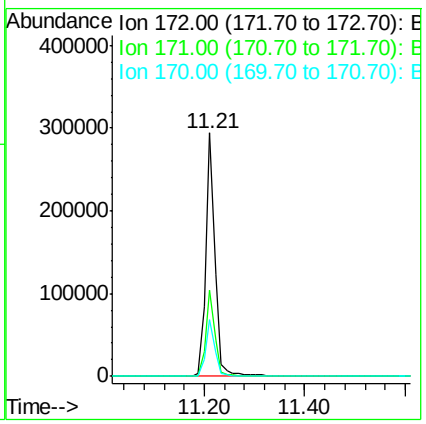


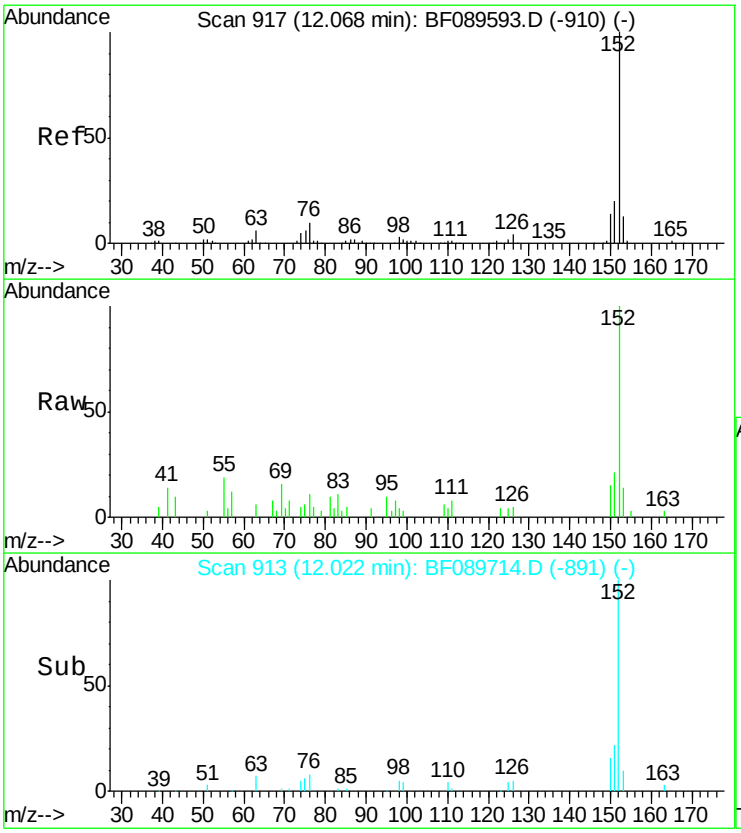
#44
2-Fluorobiphenyl
Concen: 66.38 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:172 Resp: 375837

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.5	19.0	28.6

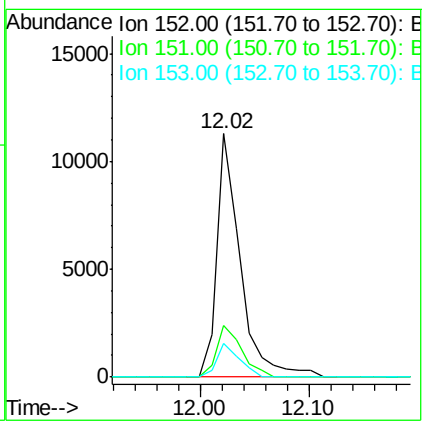


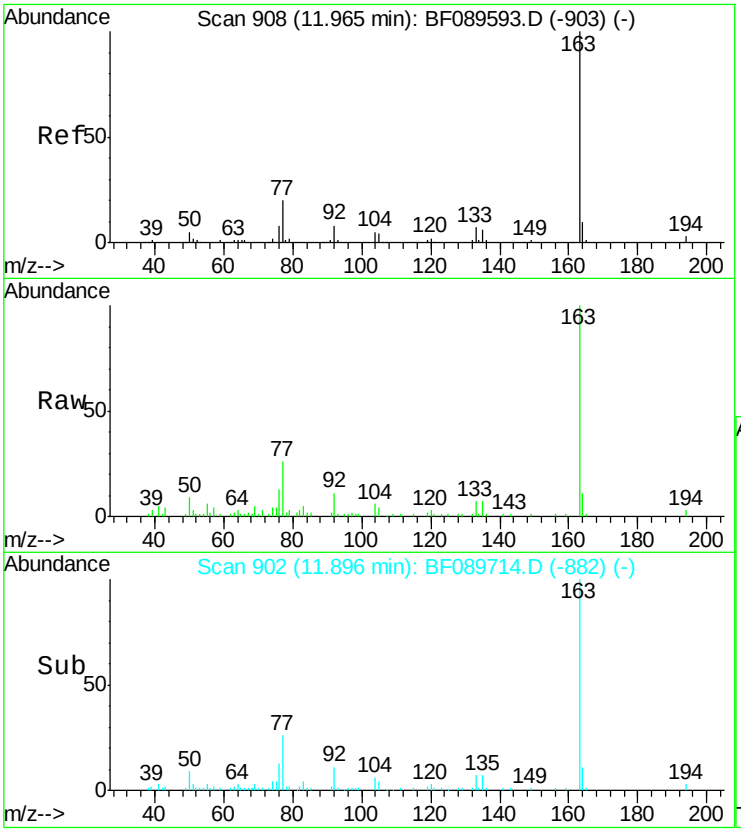


#48
Acenaphthylene
Concen: 2.06 ng
RT: 12.02 min Scan# 913
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:152 Resp: 16915

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	13.8	10.5	15.7



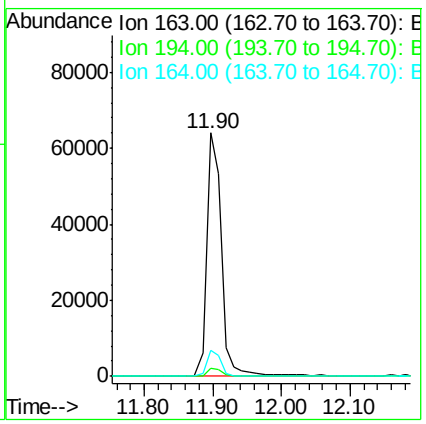


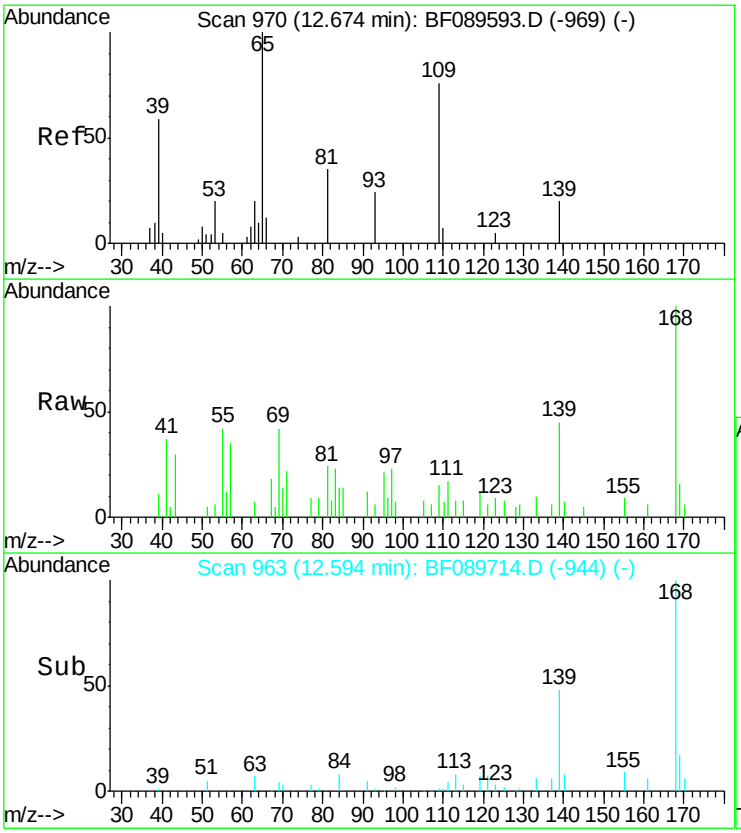
#49
Dimethylphthalate
Concen: 16.56 ng
RT: 11.90 min Scan# 902
Delta R.T. -0.07 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:163 Resp: 95511

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	10.9	7.8	11.6

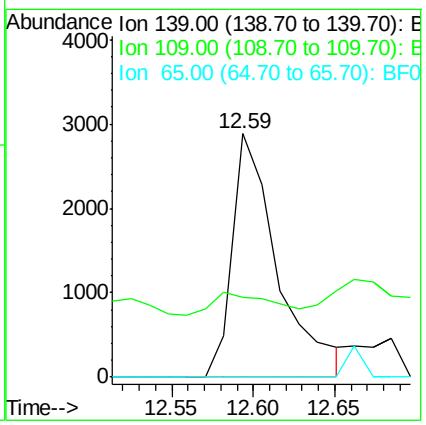


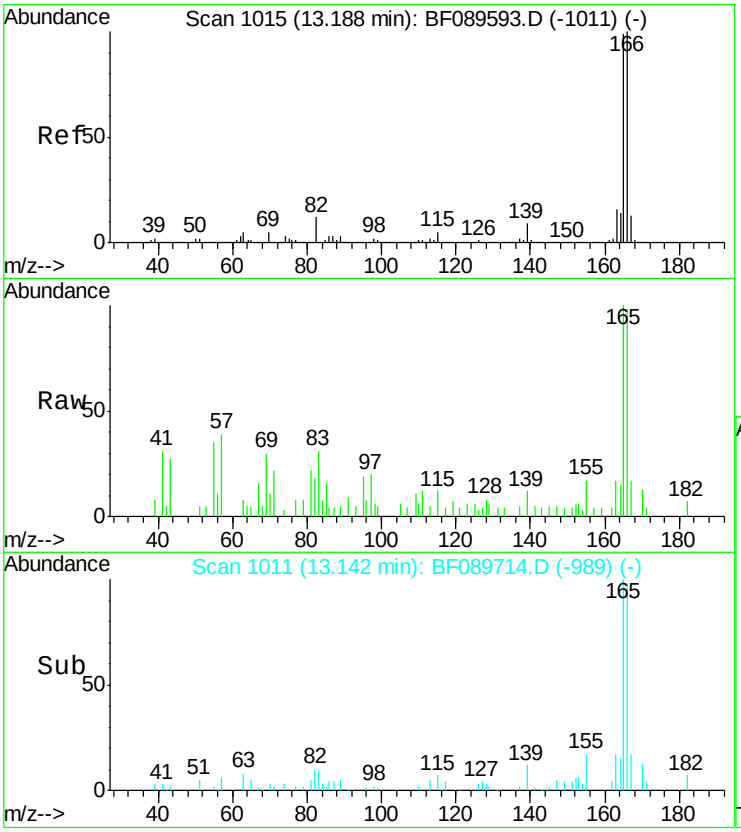


#55
4-Nitrophenol
Concen: 11.81 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.08 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:139 Resp: 5533

Ion	Ratio	Lower	Upper
139	100		
109	32.7	28.9	68.9
65	0.0	49.2	89.2#



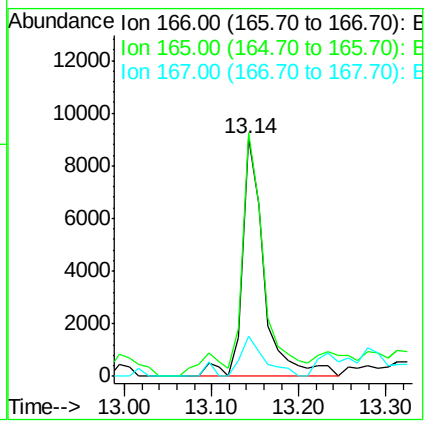


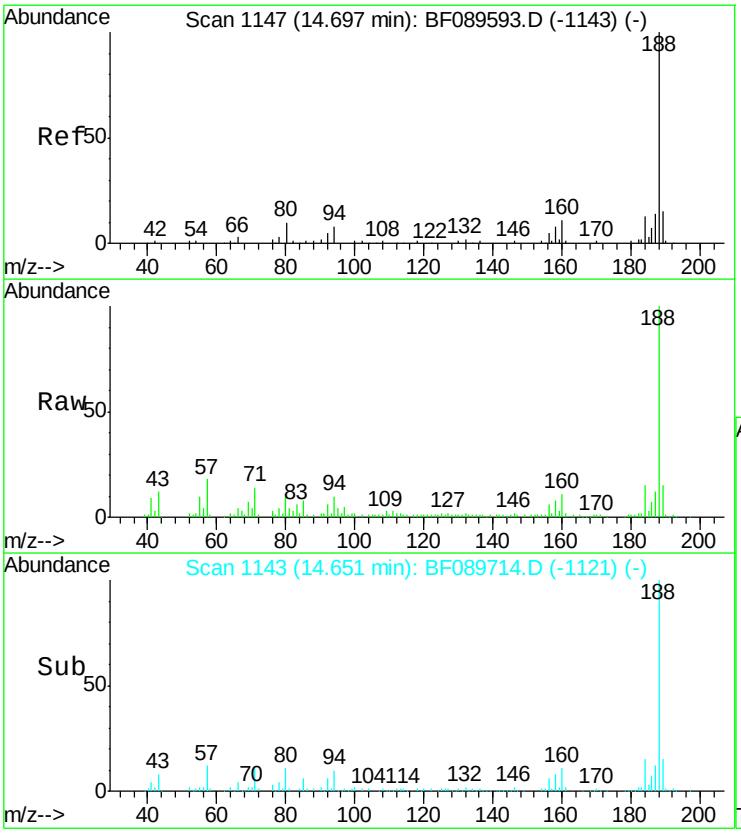
#57
Fluorene
Concen: 2.82 ng
RT: 13.14 min Scan# 1011
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:166 Resp: 15692

Ion	Ratio	Lower	Upper
166	100		
165	102.3	78.9	118.3
167	17.0	10.4	15.6#

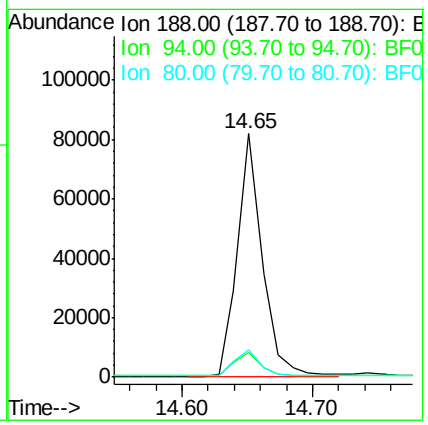


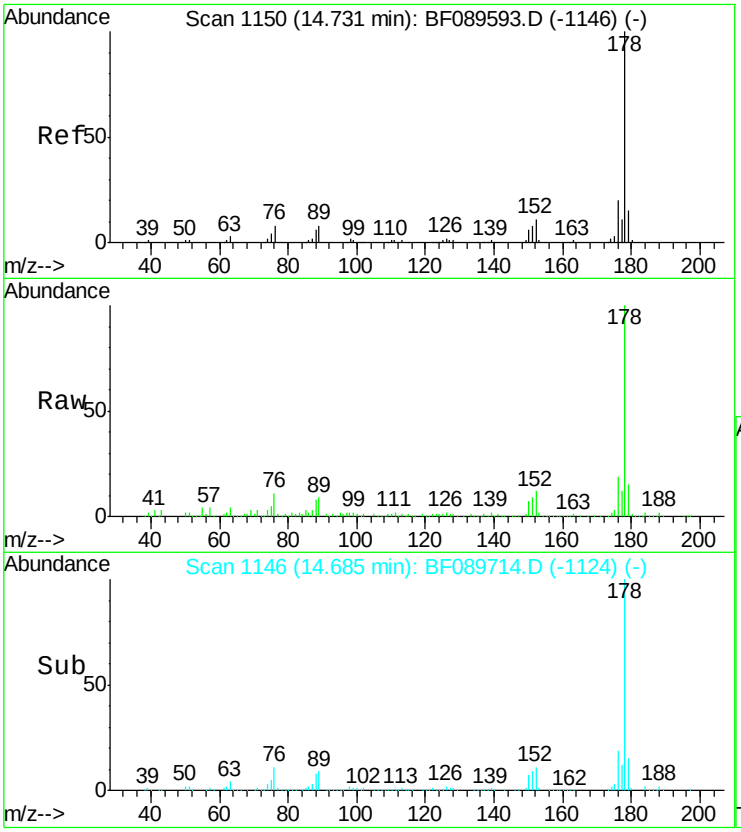


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:188 Resp: 110274

Ion	Ratio	Lower	Upper
188	100		
94	10.3	6.5	9.7#
80	11.3	8.0	12.0



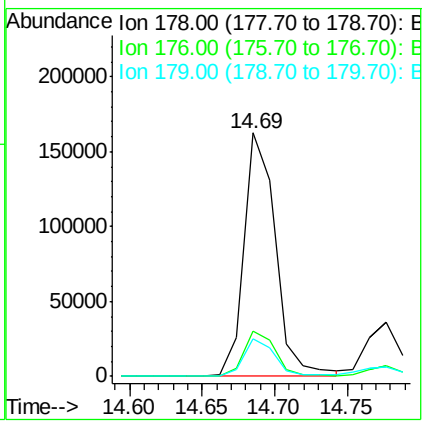


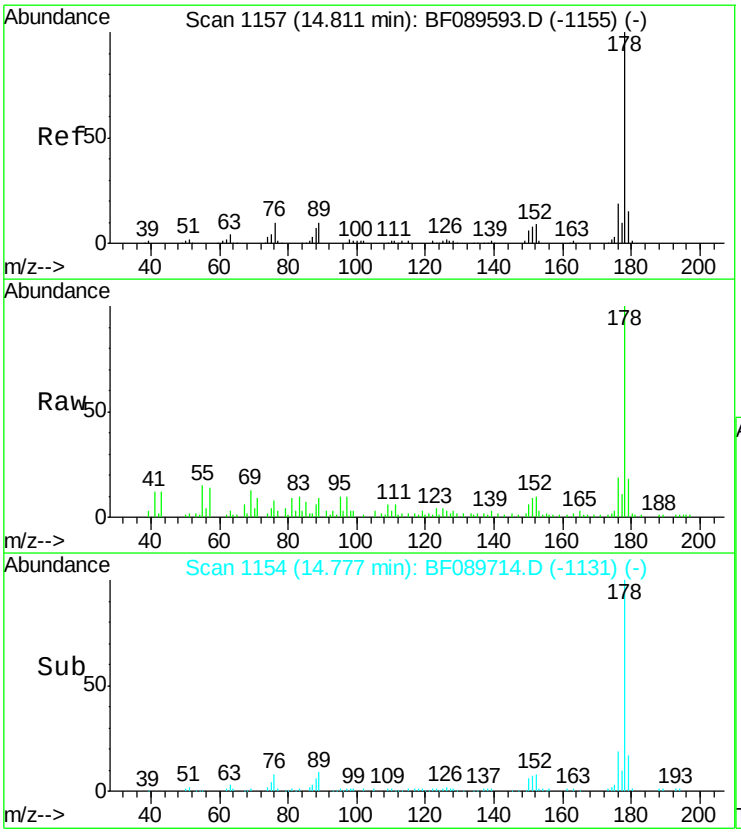
#70
Phenanthrene
Concen: 41.04 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.05 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:178 Resp: 246113

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.4	12.2	18.2

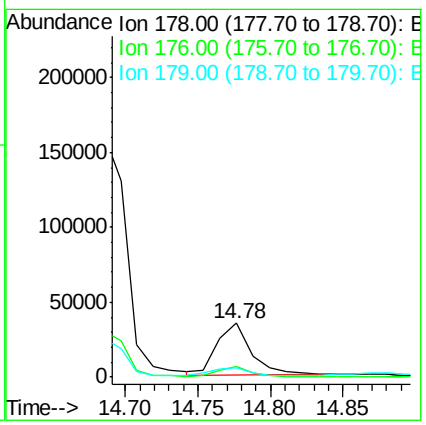


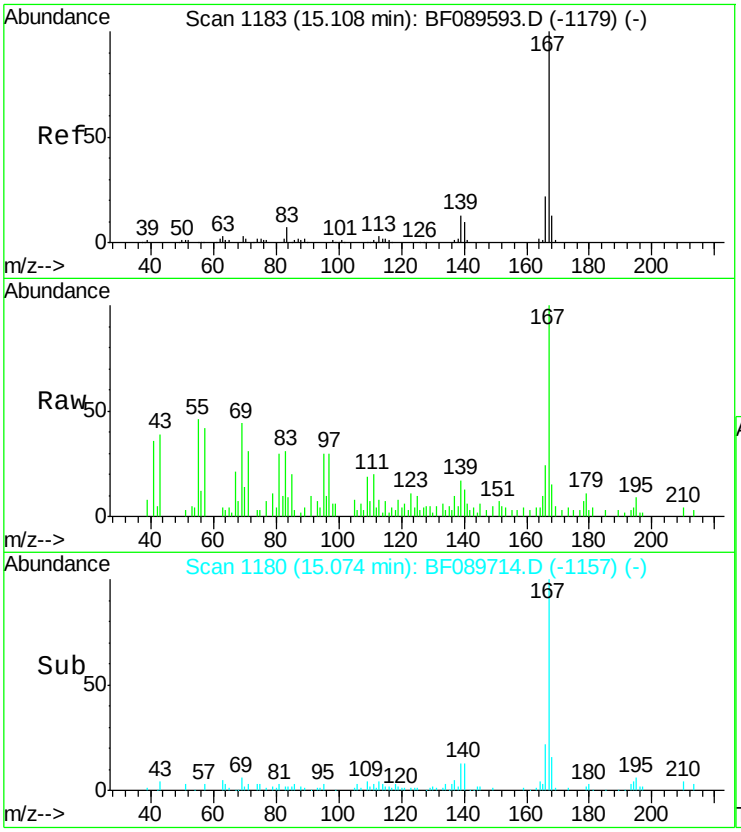


#71
Anthracene
Concen: 8.76 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:178 Resp: 56335

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	17.9	12.4	18.6



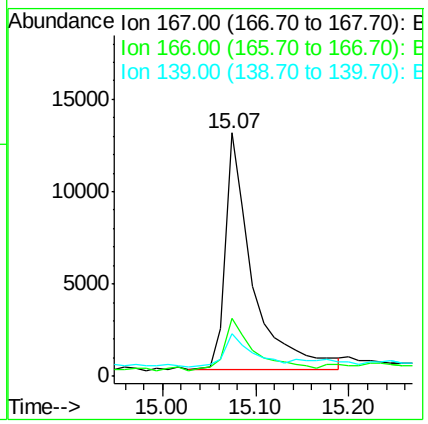


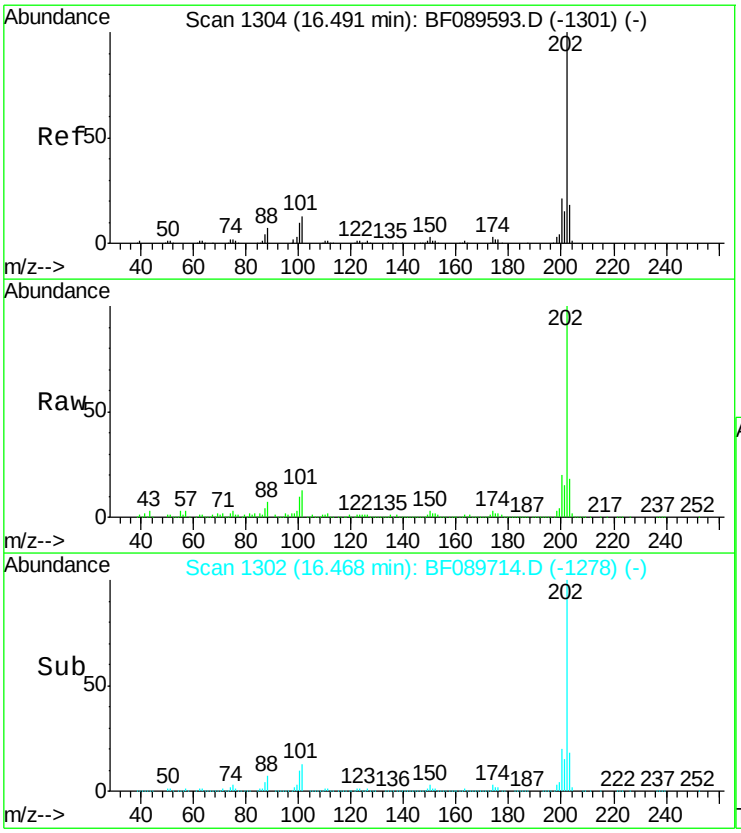
#72
Carbazole
Concen: 4.85 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.03 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:167 Resp: 25971

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.5	26.3
139	17.3	10.4	15.6#

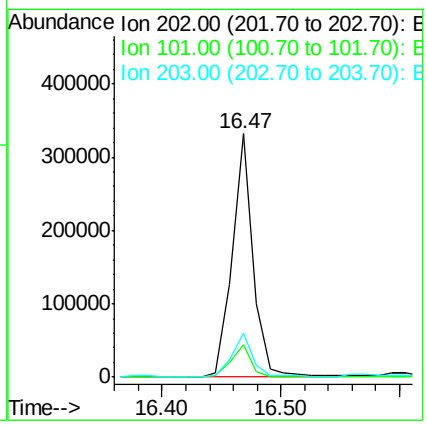


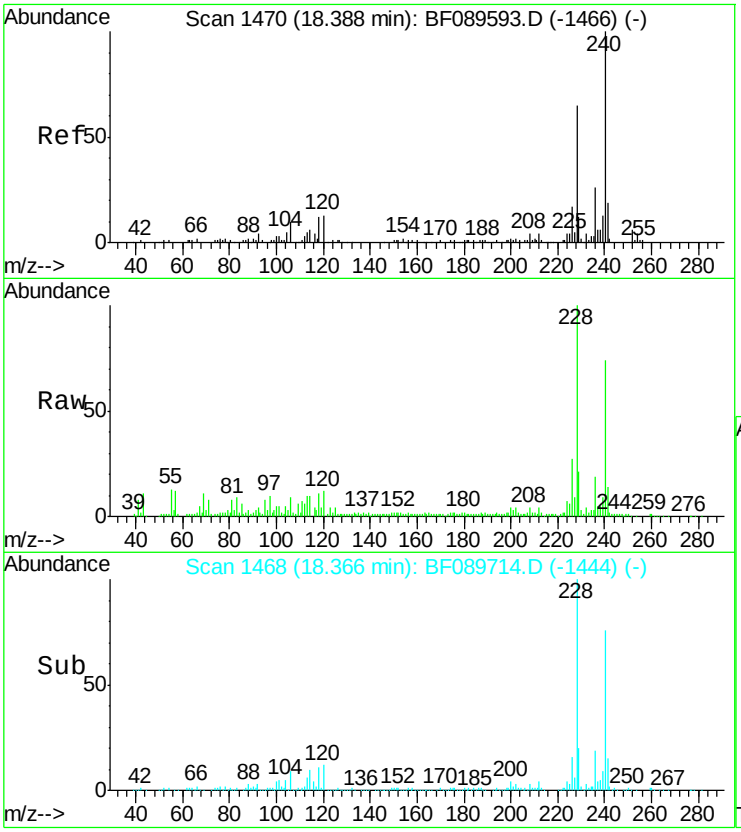


#74
Fluoranthene
Concen: 65.43 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:202 Resp: 403302

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	32.7
203	17.9	0.0	37.8



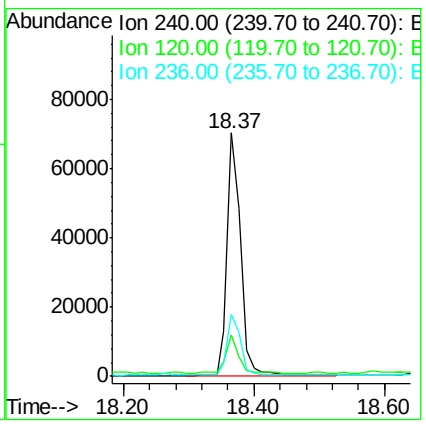


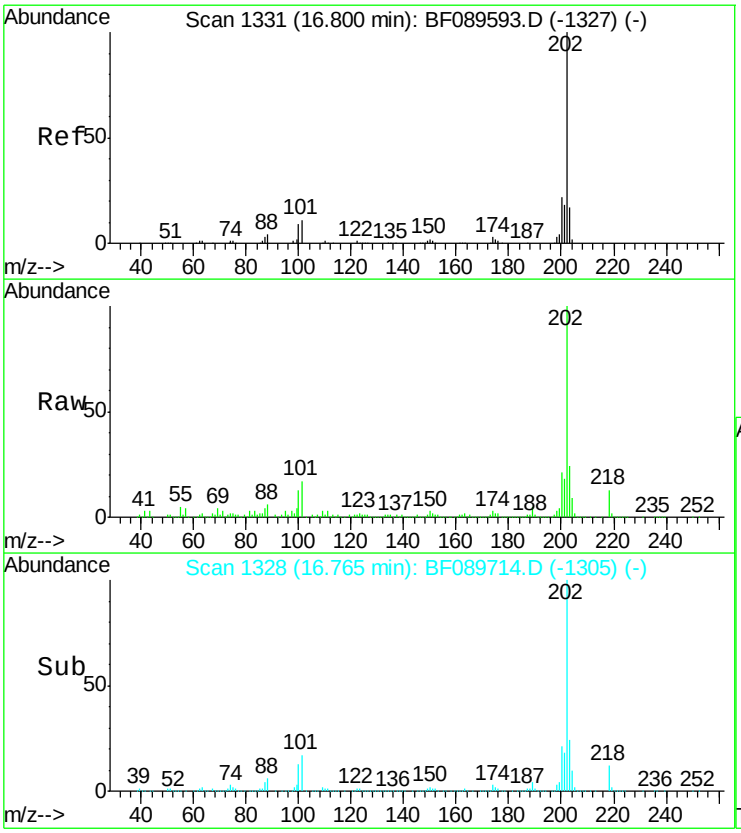
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:240 Resp: 102806

Ion	Ratio	Lower	Upper
240	100		
120	16.8	10.6	15.8#
236	25.4	20.6	30.8

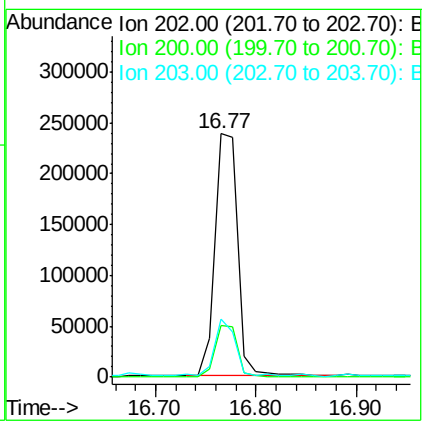


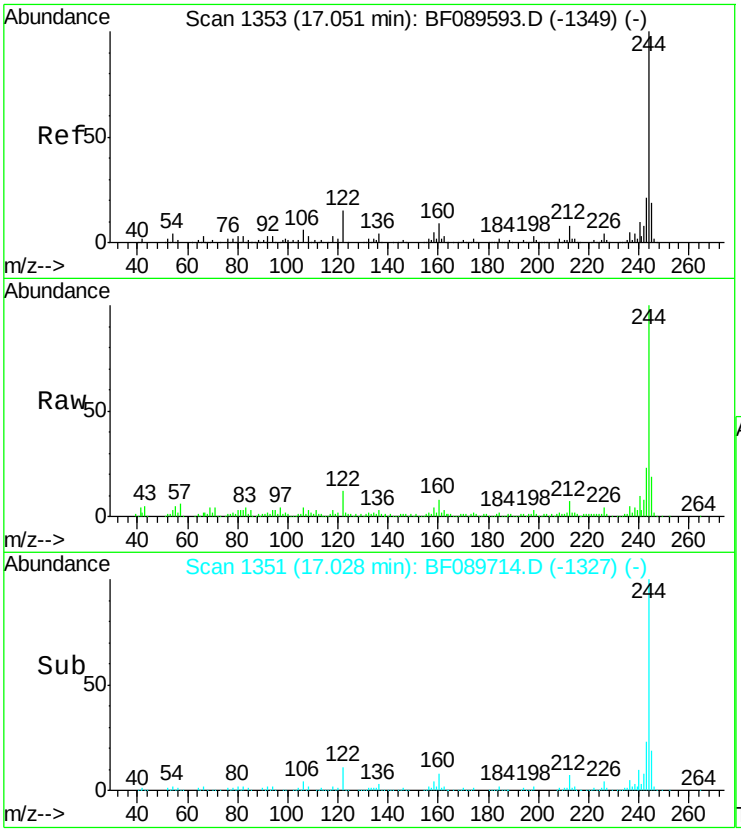


#77
Pyrene
Concen: 41.09 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.03 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:202 Resp: 373434

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.4	26.0
203	23.8	13.6	20.4#



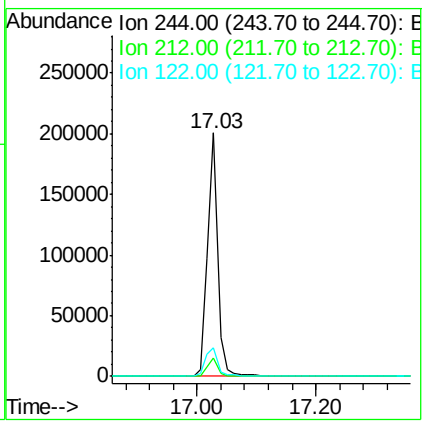


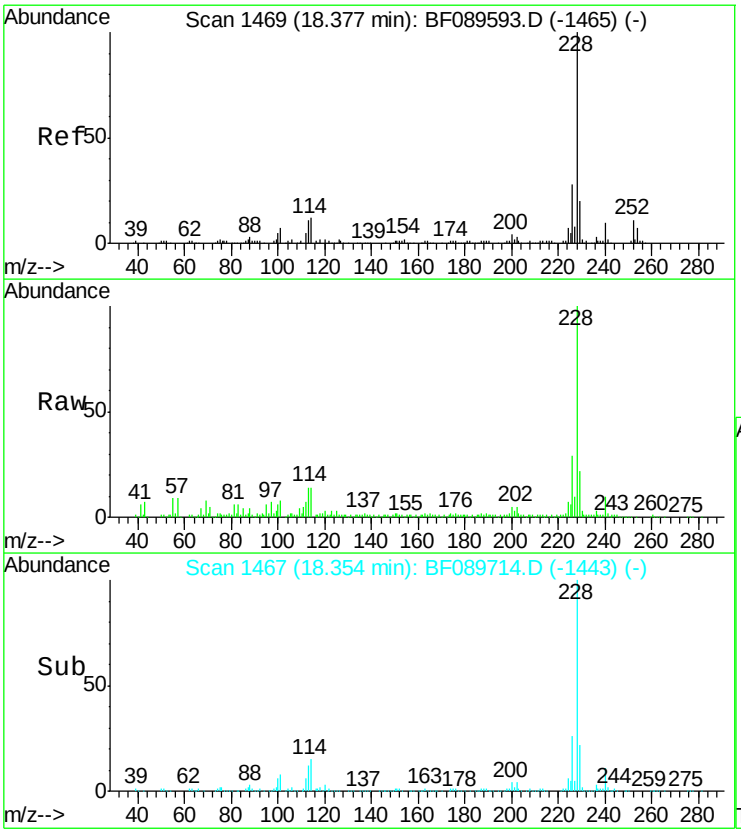
#78
Terphenyl-d14
Concen: 46.56 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:244 Resp: 242450

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.7	12.2	18.2#

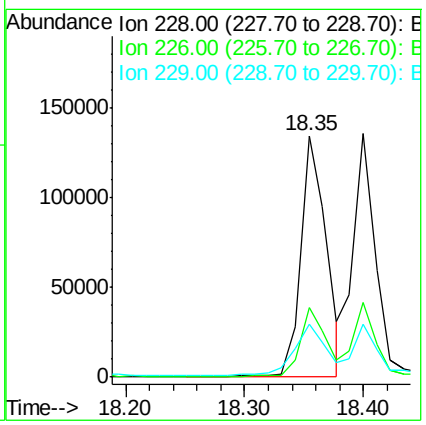


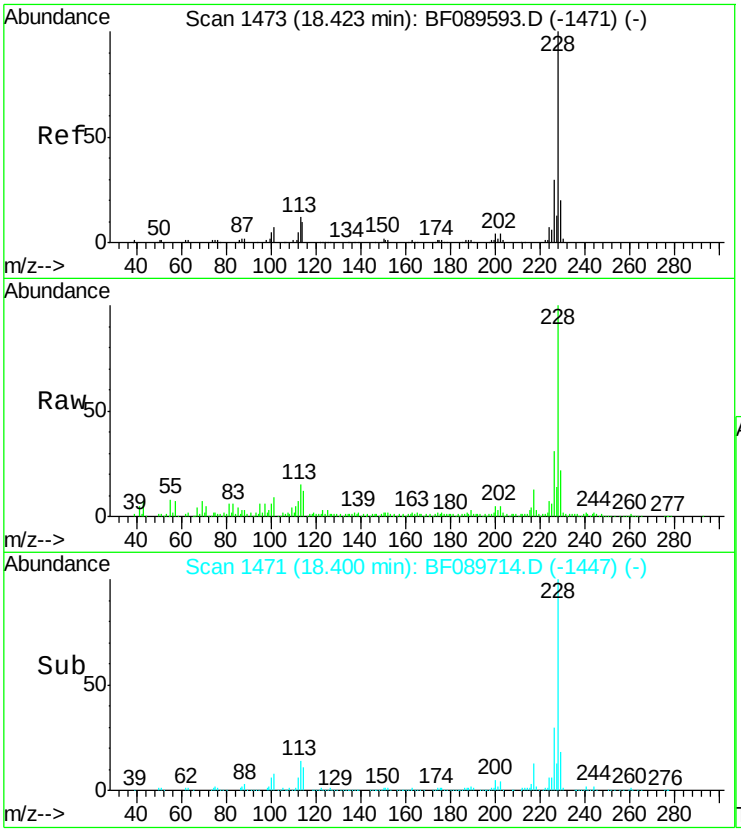


#80
Benzo(a)anthracene
Concen: 33.65 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:228 Resp: 198749

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.3	33.5
229	22.0	15.9	23.9



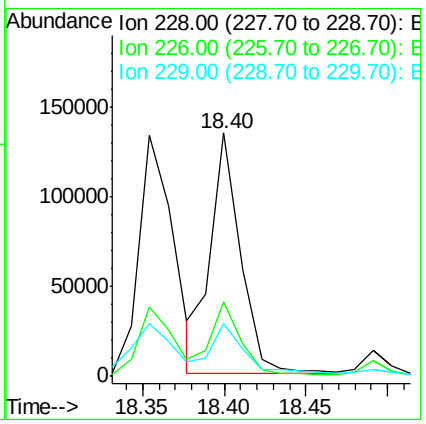


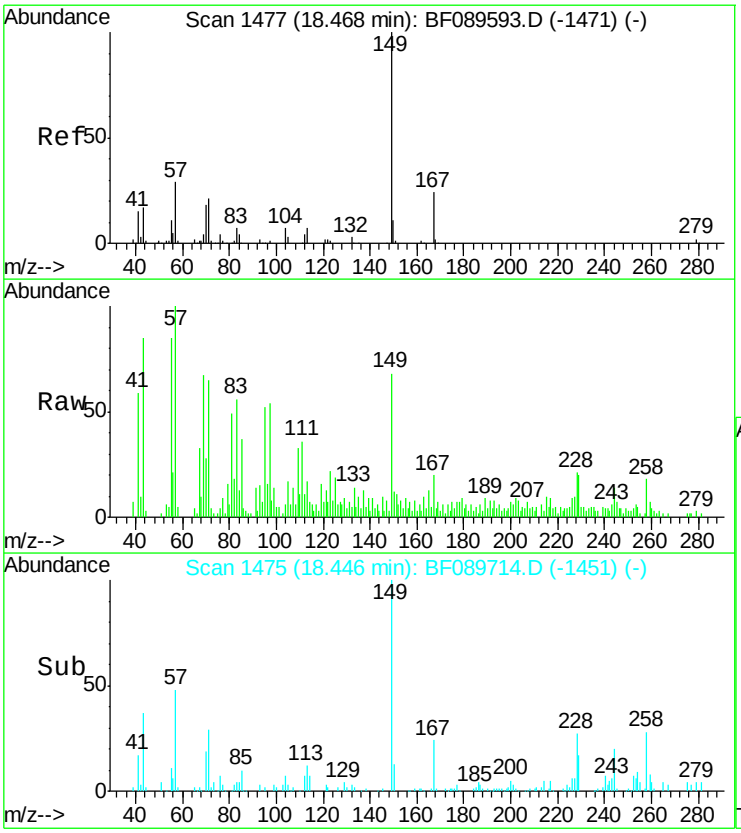
#82
Chrysene
Concen: 27.64 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:228 Resp: 171289

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	21.5	16.0	24.0

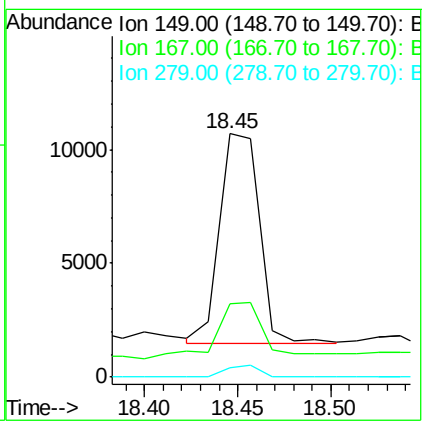


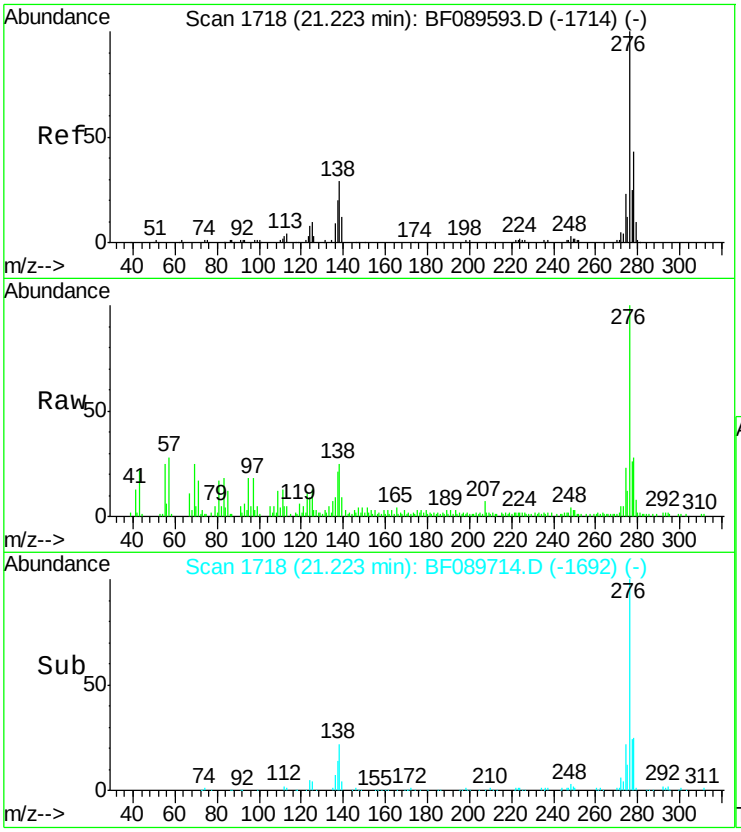


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.56 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:149 Resp: 13716

Ion	Ratio	Lower	Upper
149	100		
167	30.3	19.0	28.4#
279	3.7	1.8	2.6#



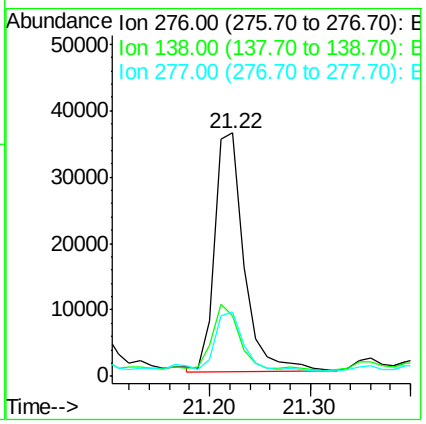


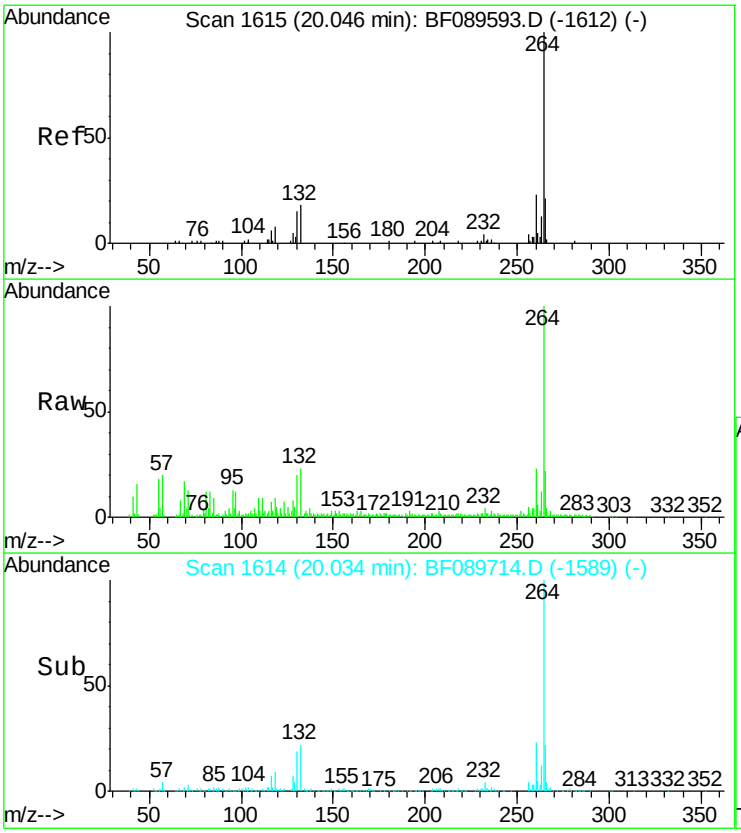
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.54 ng
RT: 21.22 min Scan# 1718
Delta R.T. 0.00 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:276 Resp: 73148

Ion	Ratio	Lower	Upper
276	100		
138	25.1	23.8	35.8
277	26.5	20.3	30.5

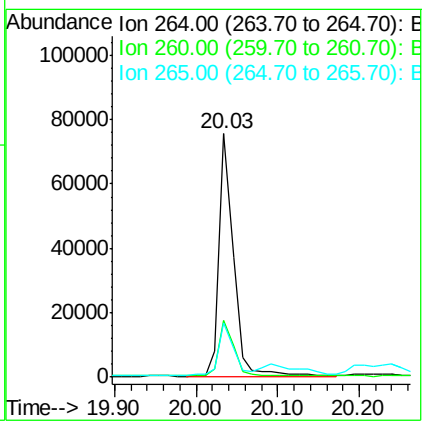


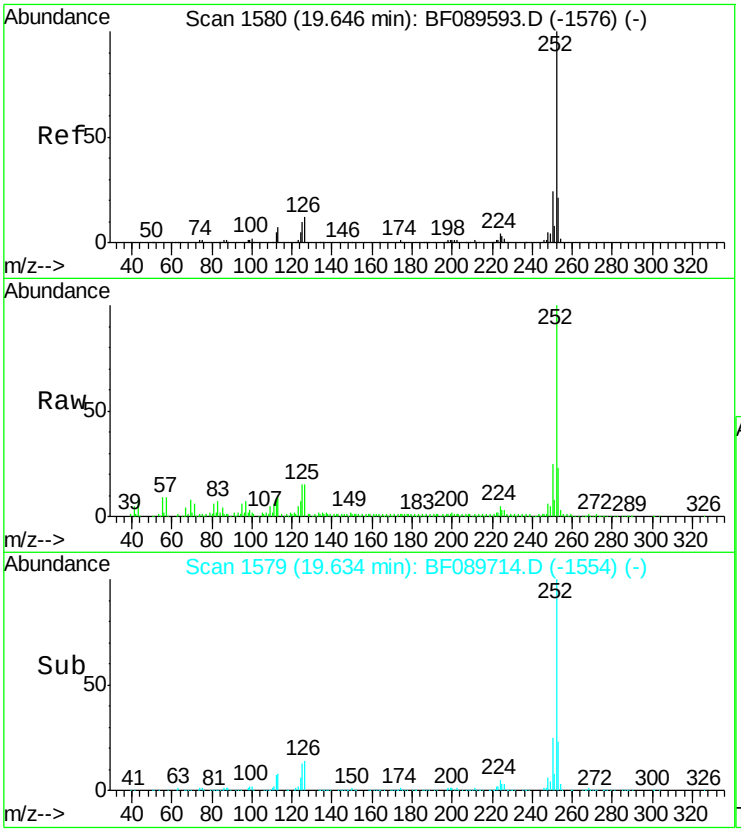


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.03 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:264 Resp: 95859

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.3	16.5	24.7



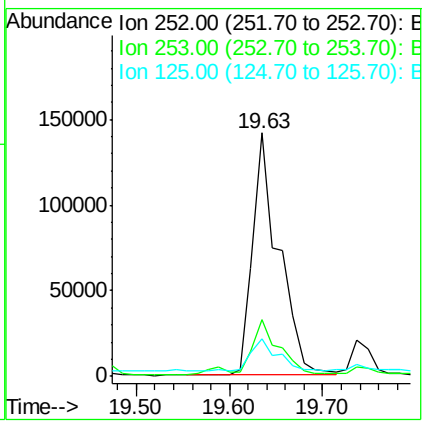


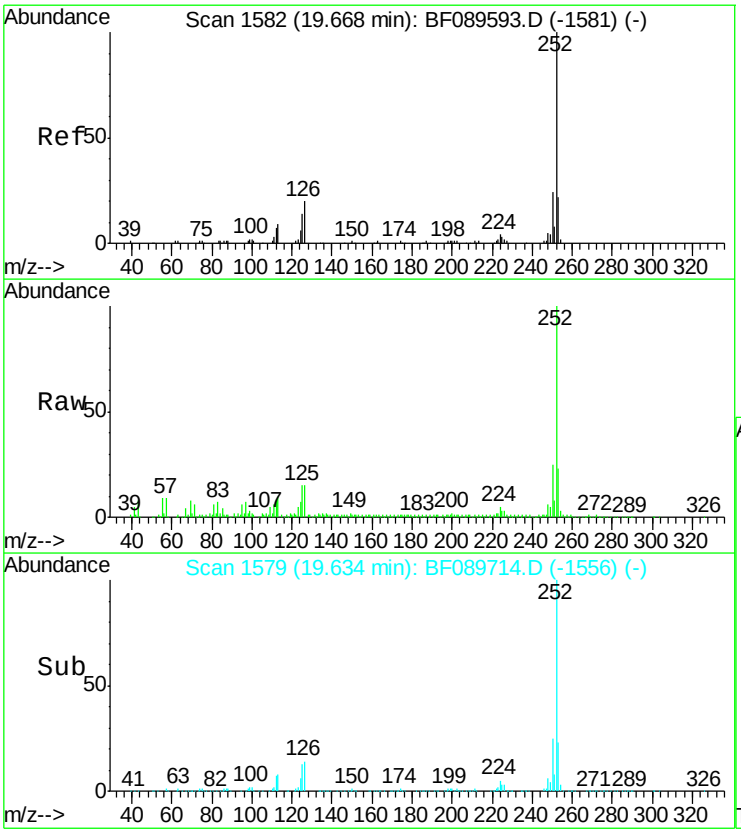
#87
Benzo(b)fluoranthene
Concen: 47.04 ng
RT: 19.63 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:252 Resp: 277312

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.5	7.8	11.8#

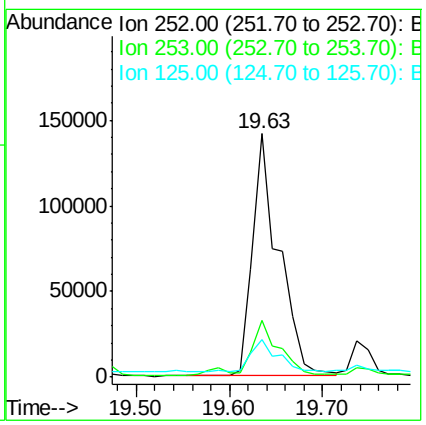


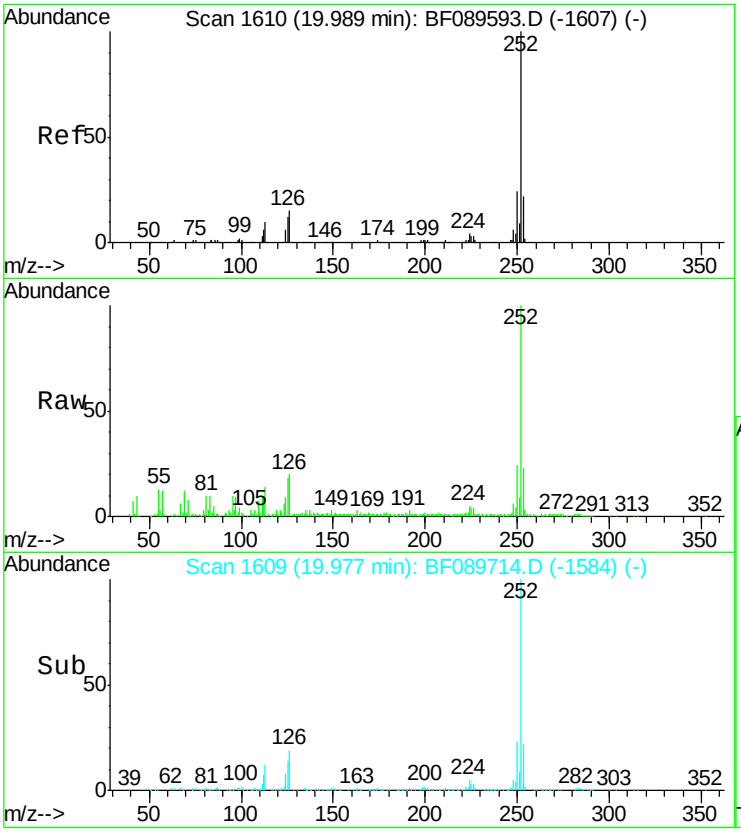


#88
Benzo(k)fluoranthene
Concen: 46.62 ng
RT: 19.63 min Scan# 1579
Delta R.T. -0.03 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:252 Resp: 277312

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	15.5	11.0	16.6



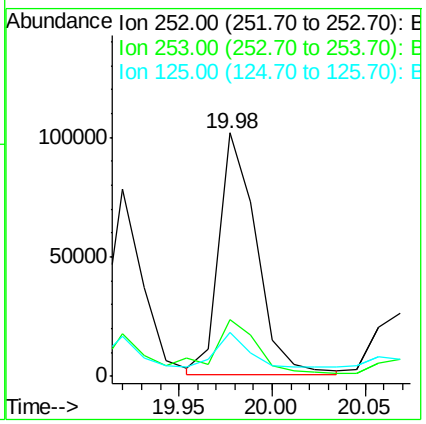


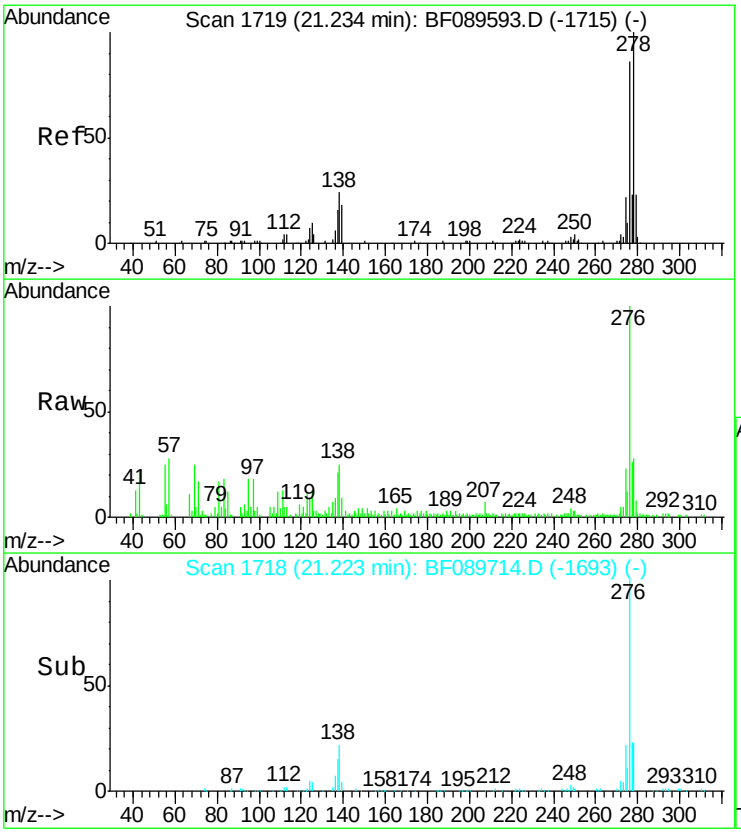
#89
Benzo(a)pyrene
Concen: 25.52 ng
RT: 19.98 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:252 Resp: 140885

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	17.9	9.9	14.9#

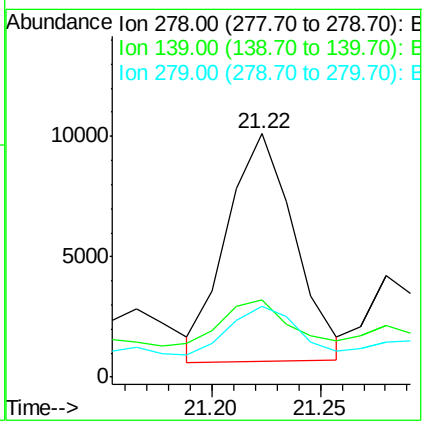


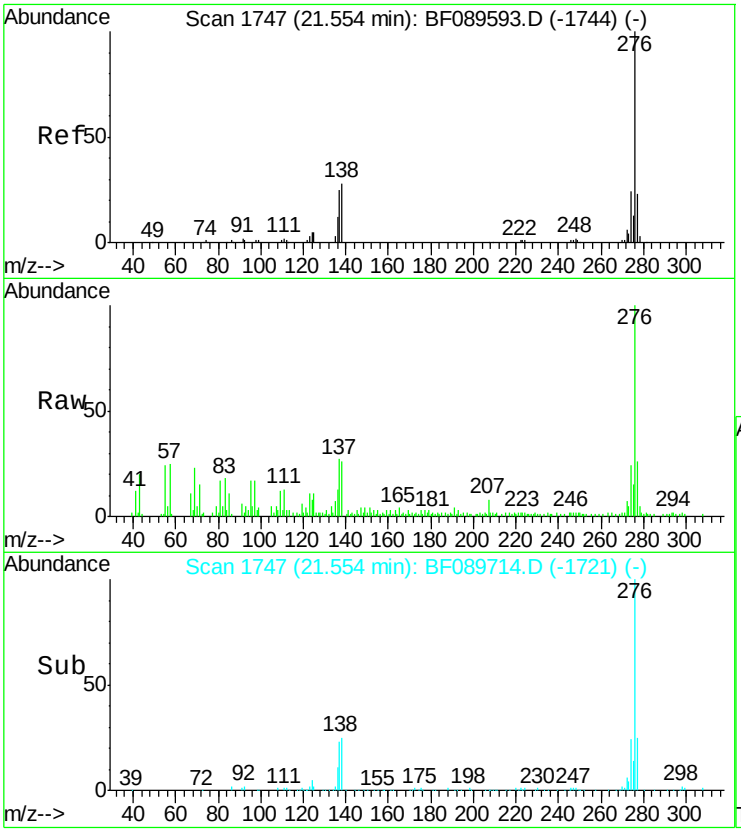


#90
Dibenzo(a,h)anthracene
Concen: 3.98 ng
RT: 21.22 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Tgt Ion:278 Resp: 20537

Ion	Ratio	Lower	Upper
278	100		
139	31.9	14.6	21.8#
279	28.9	18.4	27.6#





#91
Benzo(g,h,i)perylene
Concen: 12.03 ng
RT: 21.55 min Scan# 1747
Delta R.T. 0.00 min
Lab File: BF089714.D
Acq: 11 Aug 2016 00:53

Instrument :
BNA_F
ClientSampleId :
DEL3-BASE(66)

Tgt Ion:276 Resp: 63520

Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.6	28.0
138	26.1	22.6	33.8