Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089022.D
Acq On : 15 Jul 2016 17:56
Operator : UM/SJ
Sample : H3972-06 4X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB09(0-2ft)

Quant Time: Jul 15 22:59:03 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	6.67	152	68176	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	273656	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	102433	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	155452	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	120535	20.00	ng		-0.03
86) Perylene-d12	15.18	264	88574	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	116666	25.65	ng		-0.02
7) Phenol-d6	6.32	99	135159	22.99	ng		-0.03
23) Nitrobenzene-d5	7.23	82	85296	16.33	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	16814	17.68	ng		-0.05
44) 2-Fluorobiphenyl	9.04	172	161018	24.83	ng		-0.03
78) Terphenyl-d14	12.76	244	88782	16.41	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	11062	2.80	ng	#	78
49) Dimethylphthalate	9.44	163	29889	4.10	ng		98
50) 2,6-Dinitrotoluene	9.71	165	13595	8.41	ng	#	39
51) Acenaphthene	9.74	154	45313	6.98	ng		96
54) Dibenzofuran	9.91	168	21627	2.54	ng	#	82
55) 4-Nitrophenol	9.91	139	9223	5.90	ng	#	5
57) Fluorene	10.25	166	41583	6.35	ng		98
70) Phenanthrene	11.21	178	501064	58.96	ng		99
71) Anthracene	11.26	178	231045	27.34	ng		99
72) Carbazole	11.42	167	38596	4.85	ng		99
74) Fluoranthene	12.40	202	844252	98.00	ng		99
77) Pyrene	12.63	202	843397	82.52	ng		100
80) Benzo(a)anthracene	13.80	228	333423	42.96	ng		100
82) Chrysene	13.84	228	220371	28.70	ng		96
83) Bis(2-ethylhexyl)phthalate	13.80	149	10736	2.06	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	57366	9.71	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	323463	58.22	ng	#	96
88) Benzo(k)fluoranthene	14.81	252	323463	66.87	ng		98
89) Benzo(a)pyrene	15.12	252	144327	30.68	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	13240	3.37	ng		96
91) Benzo(g,h,i)perylene	16.82	276	51466	12.66	ng		98

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Quant Time: Jul 15 22:59:03 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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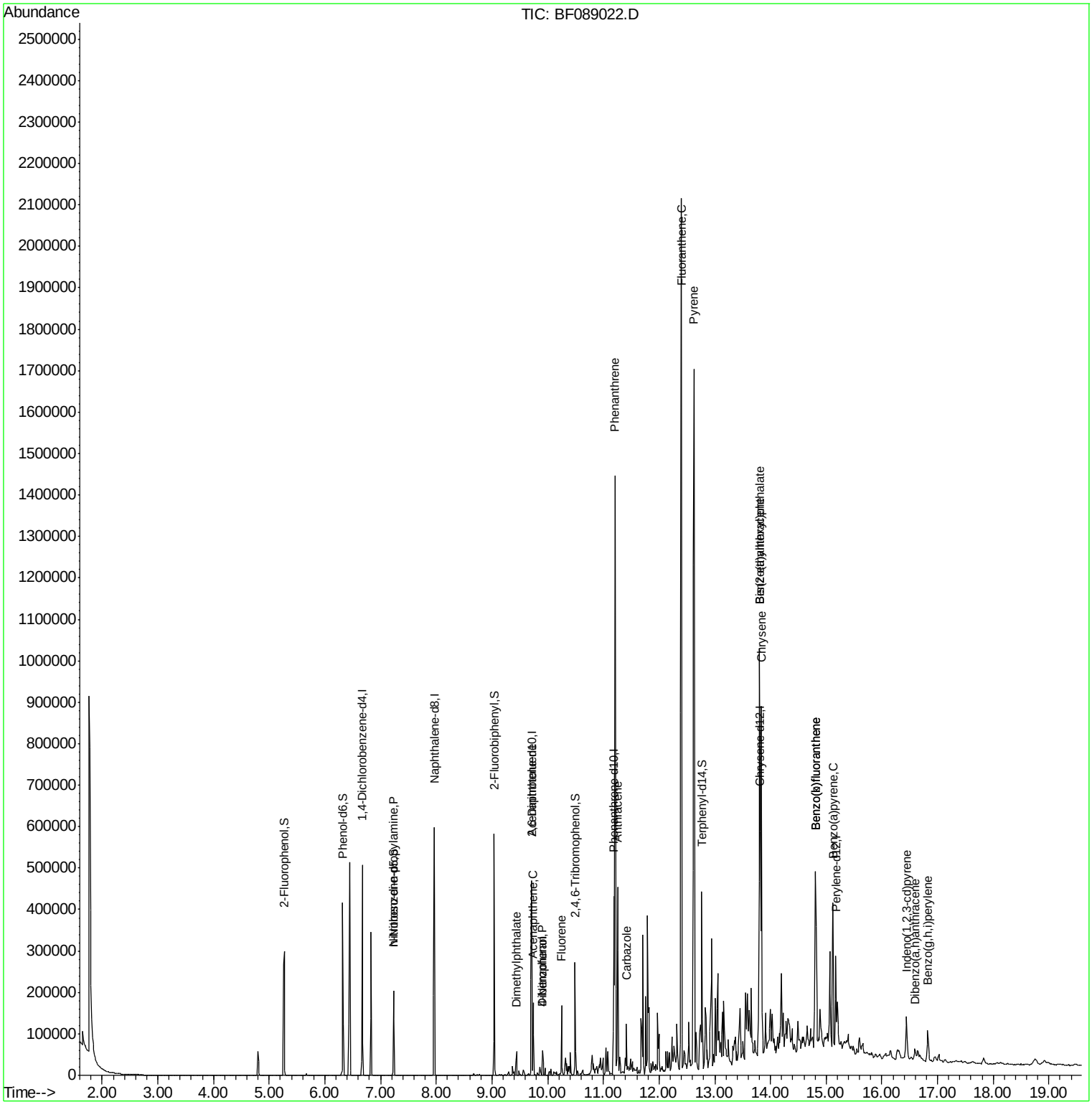
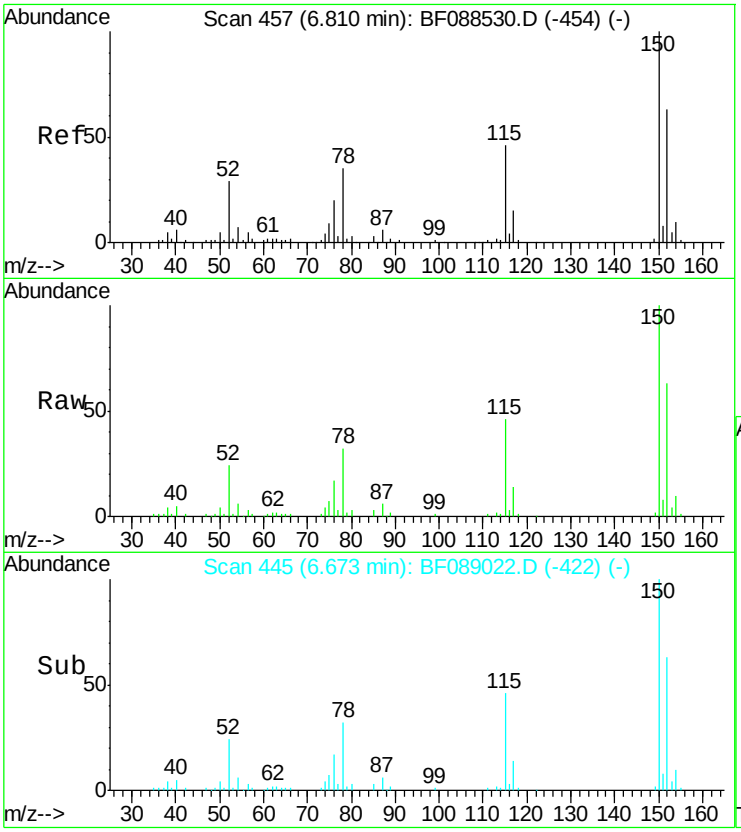


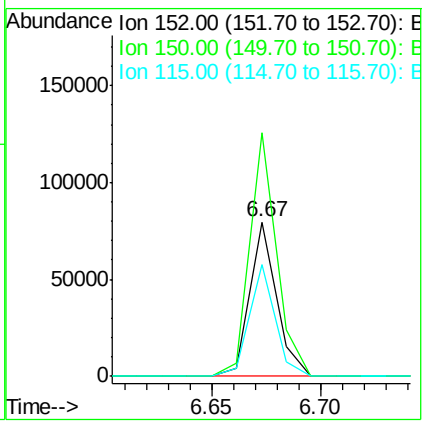


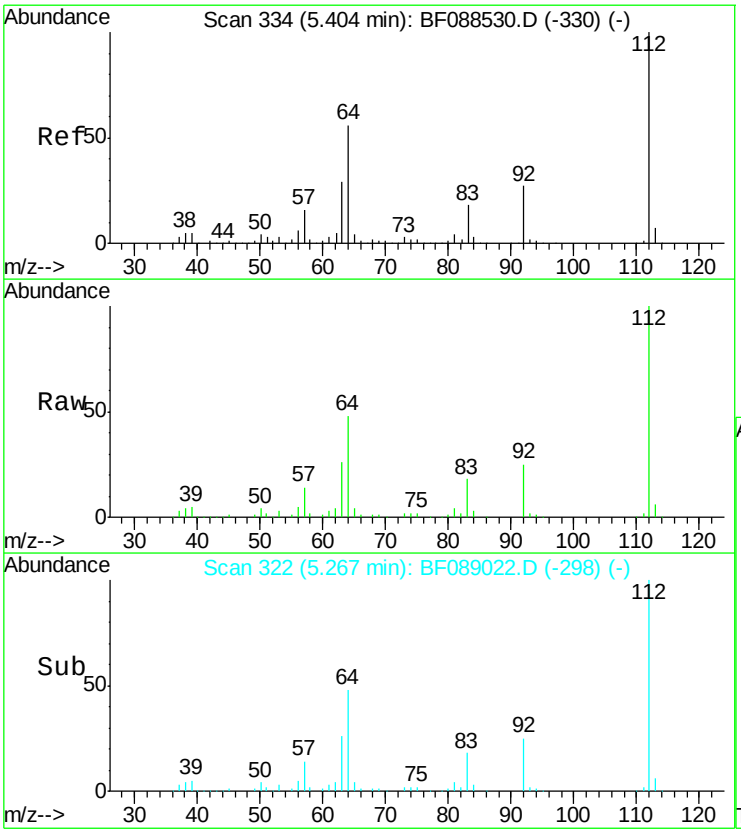
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:152 Resp: 68176

Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.8	185.6
115	72.3	39.6	59.4#

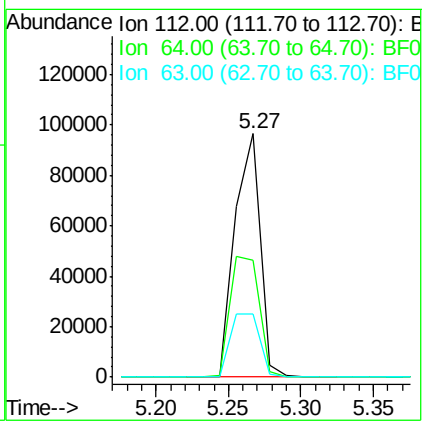


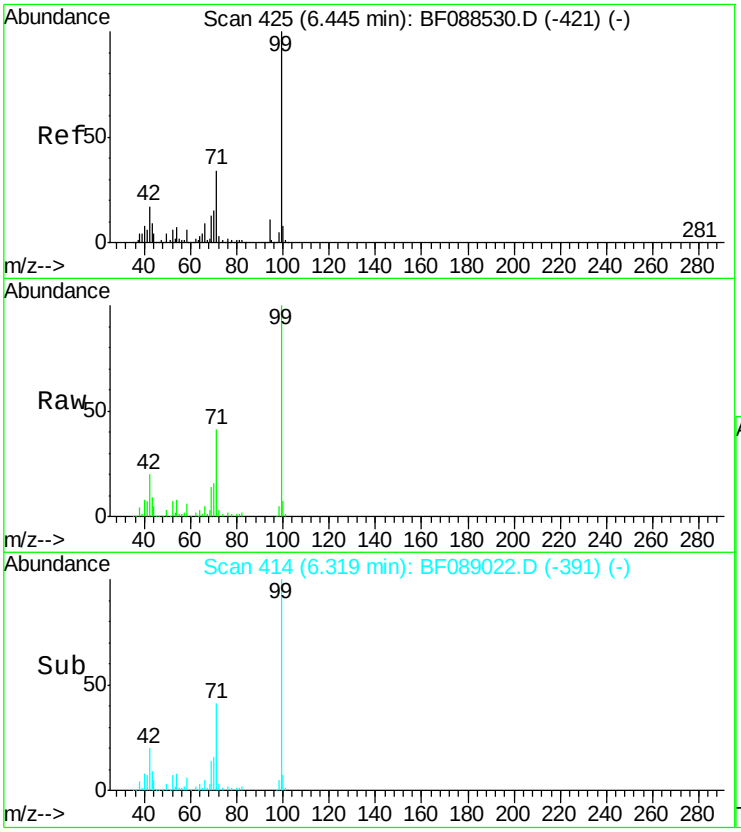


#5
2-Fluorophenol
Concen: 25.65 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:112 Resp: 116666

Ion	Ratio	Lower	Upper
112	100		
64	48.2	42.2	63.2
63	25.7	21.8	32.8



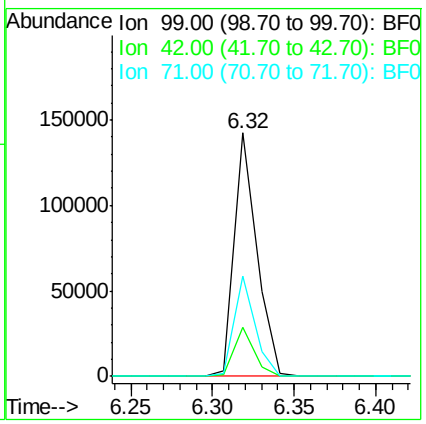


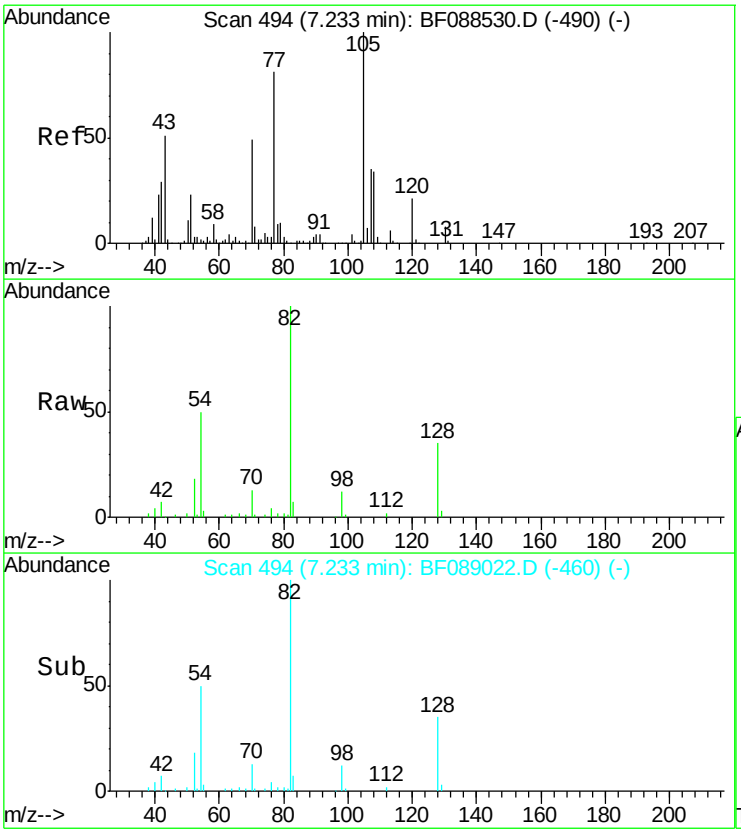
#7
Phenol-d6
Concen: 22.99 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion: 99 Resp: 135159

Ion	Ratio	Lower	Upper
99	100		
42	20.1	12.2	18.2#
71	40.9	23.4	35.0#

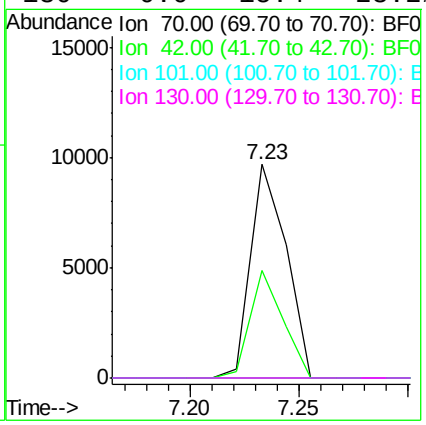


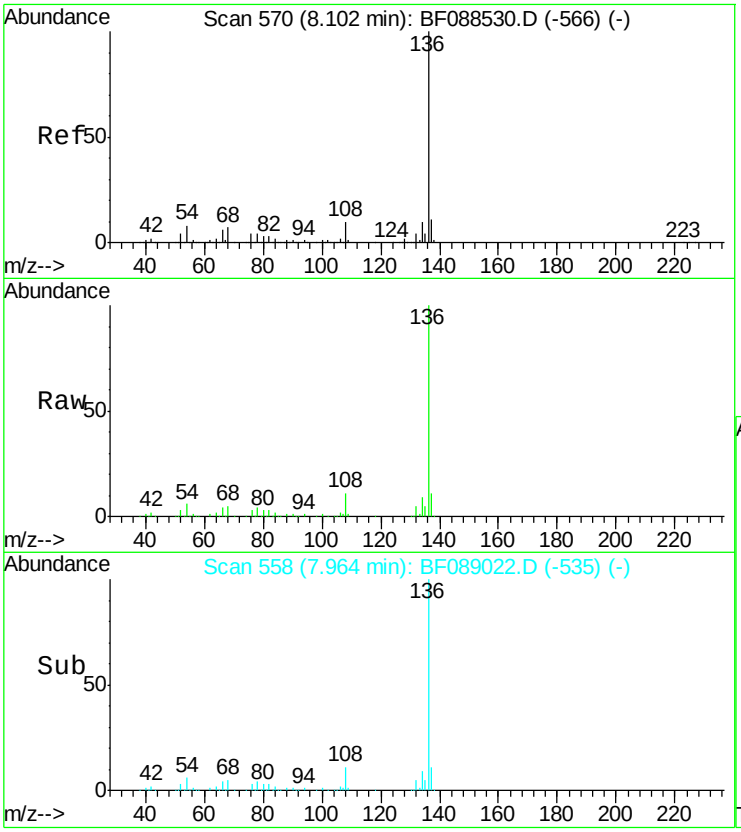


#19
n-Nitroso-di-n-propylamine
Concen: 2.80 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.09 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion: 70 Resp: 11062

Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.6	74.4
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



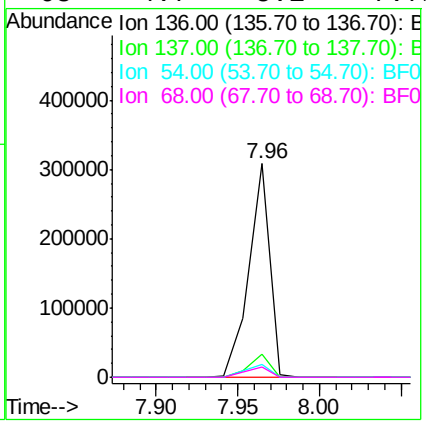


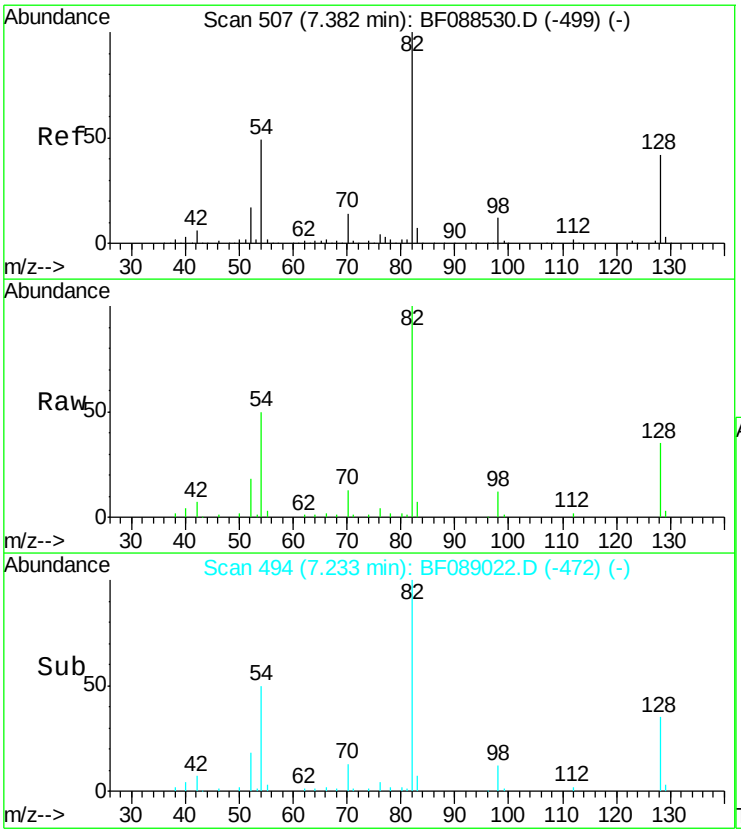
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:136 Resp: 273656

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.7	6.6	10.0#
68	4.7	5.1	7.7#

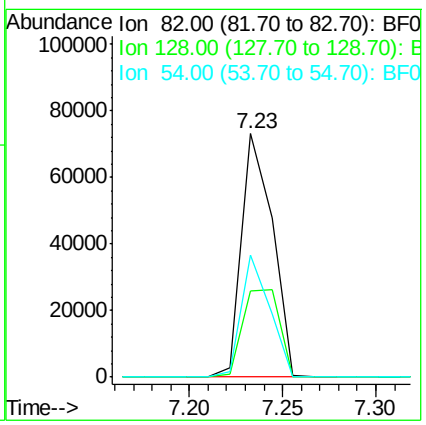


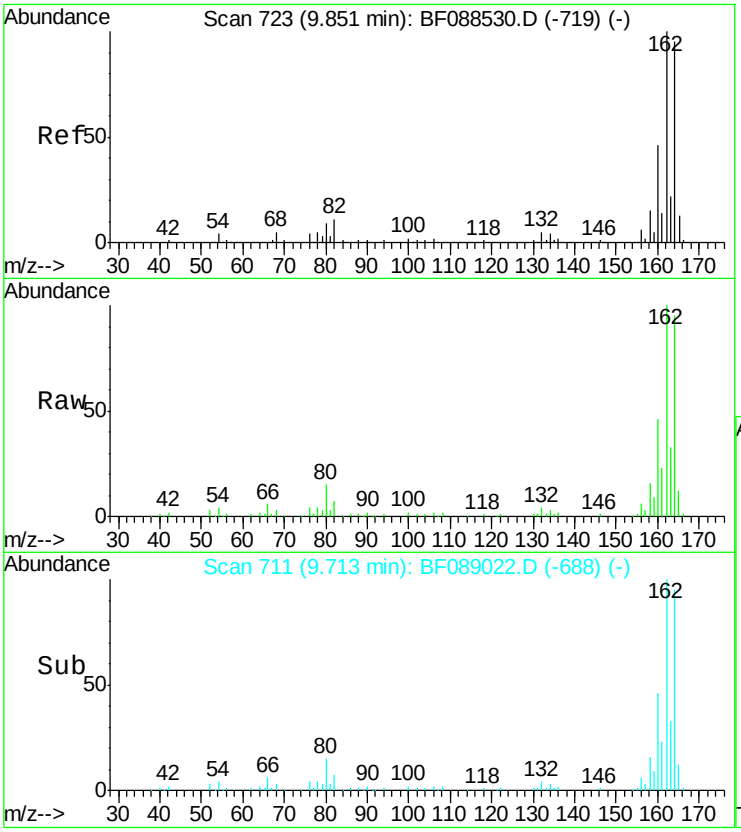


#23
Nitrobenzene-d5
Concen: 16.33 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion: 82 Resp: 85296

Ion	Ratio	Lower	Upper
82	100		
128	35.1	35.9	53.9#
54	50.4	40.9	61.3



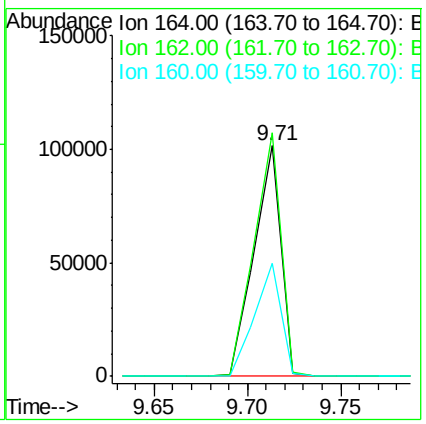


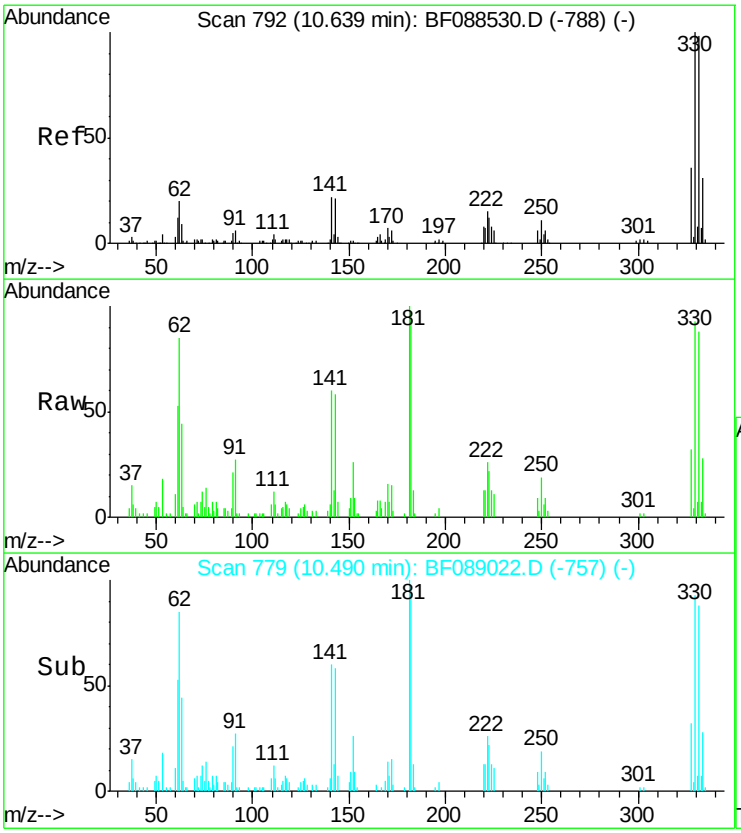
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:164 Resp: 102433

Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.4	128.2
160	48.8	39.5	59.3

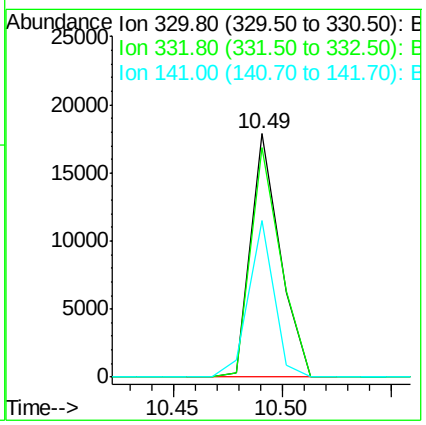


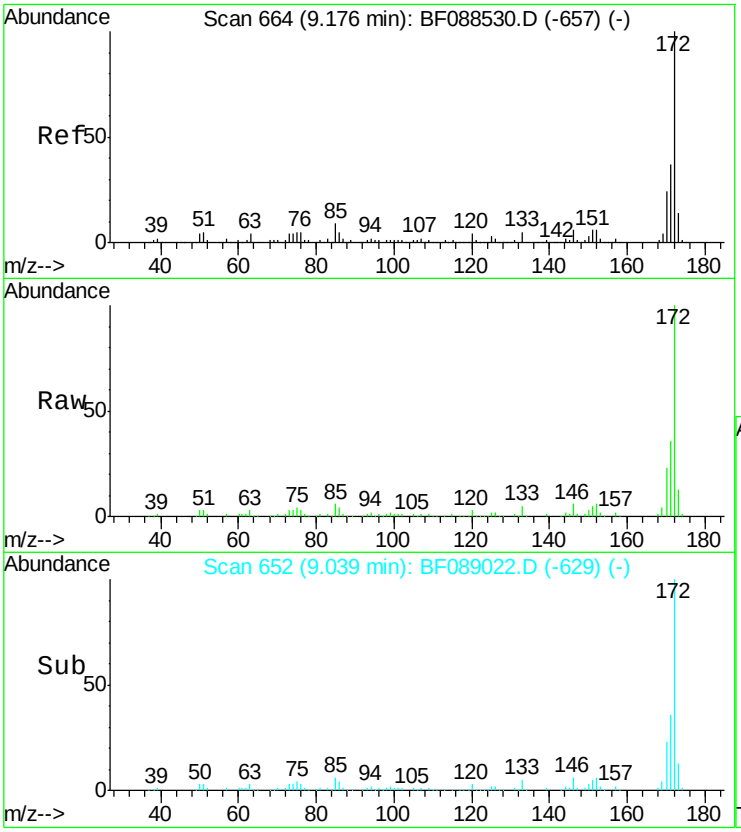


#41
2,4,6-Tribromophenol
Concen: 17.68 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:330 Resp: 16814

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	55.7	0.0	0.0#



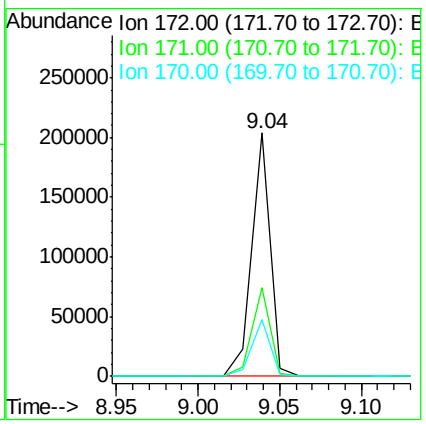


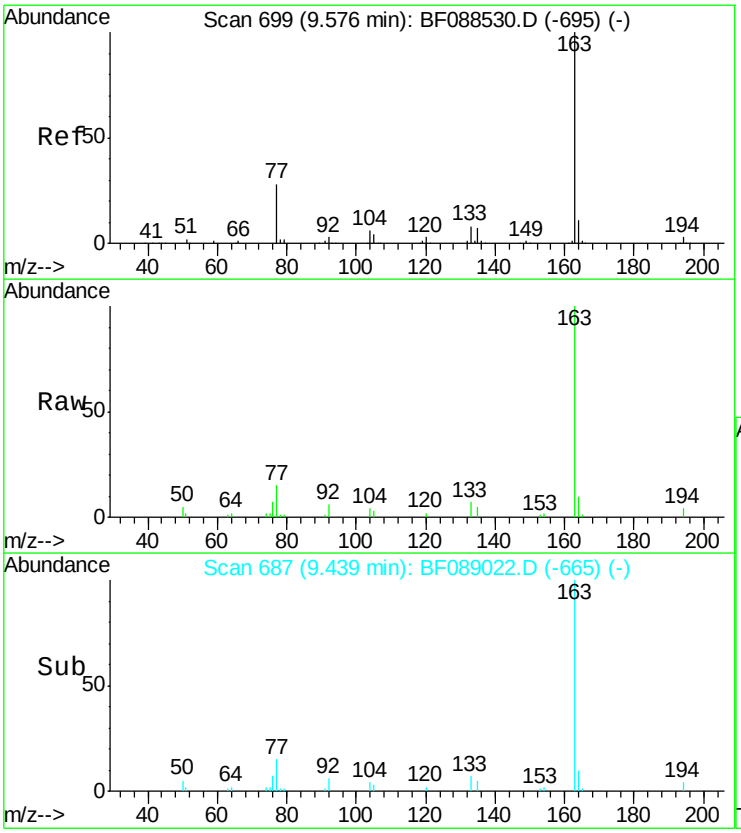
#44
2-Fluorobiphenyl
Concen: 24.83 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:172 Resp: 161018

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.2	19.2	28.8

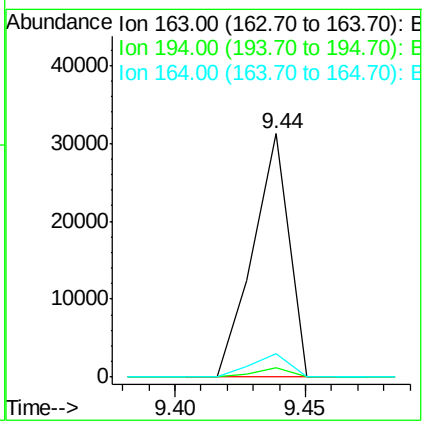


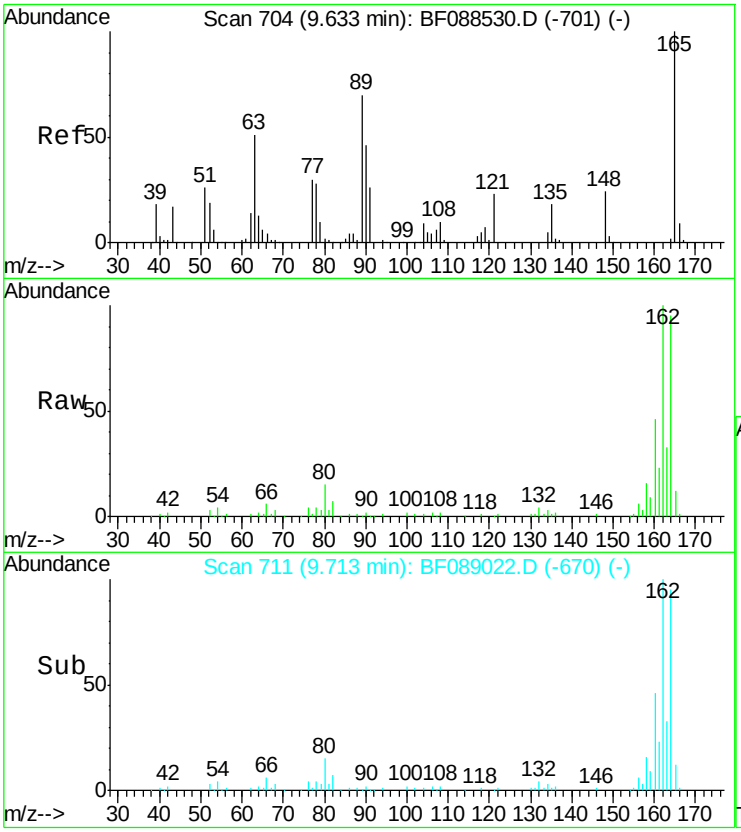


#49
Dimethylphthalate
Concen: 4.10 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:163 Resp: 29889

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.7	8.3	12.5



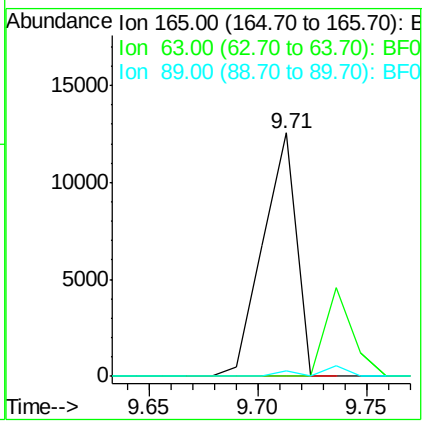


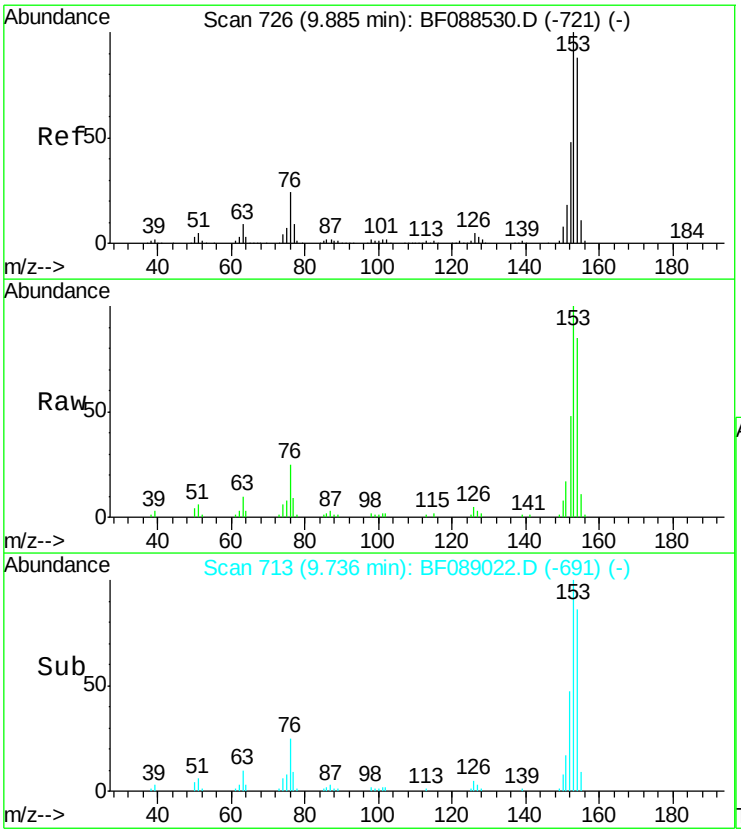
#50
2,6-Dinitrotoluene
Concen: 8.41 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.17 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:165 Resp: 13595

Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	2.4	32.2	48.2#

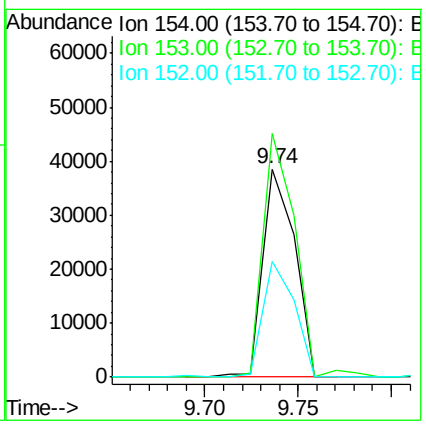


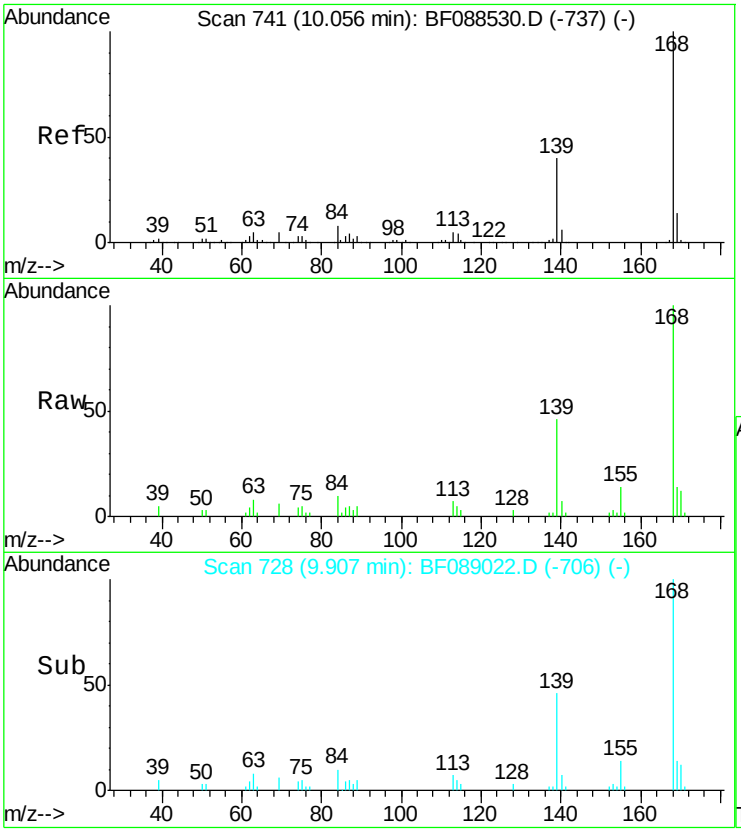


#51
Acenaphthene
Concen: 6.98 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:154 Resp: 45313

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.5	134.3
152	55.7	42.7	64.1



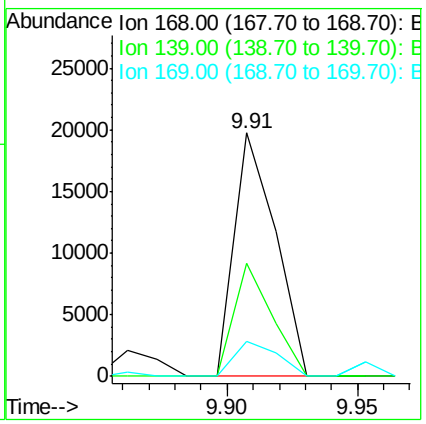


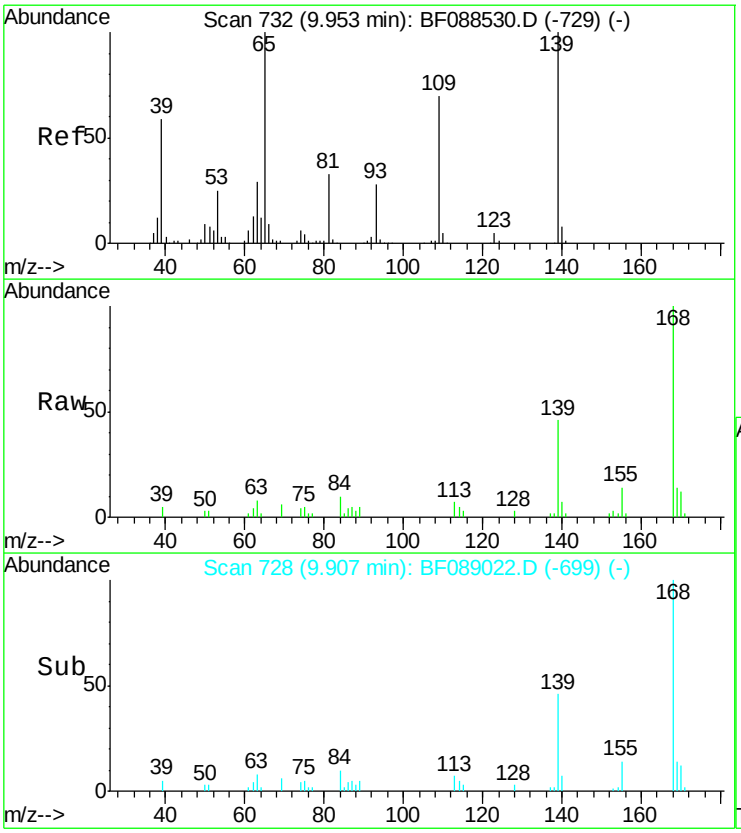
#54
Dibenzofuran
Concen: 2.54 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:168 Resp: 21627

Ion	Ratio	Lower	Upper
168	100		
139	46.4	26.4	39.6#
169	14.4	10.4	15.6

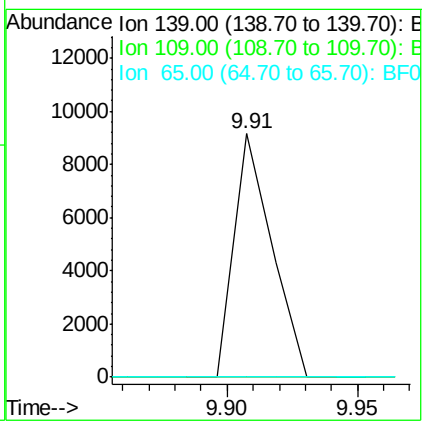


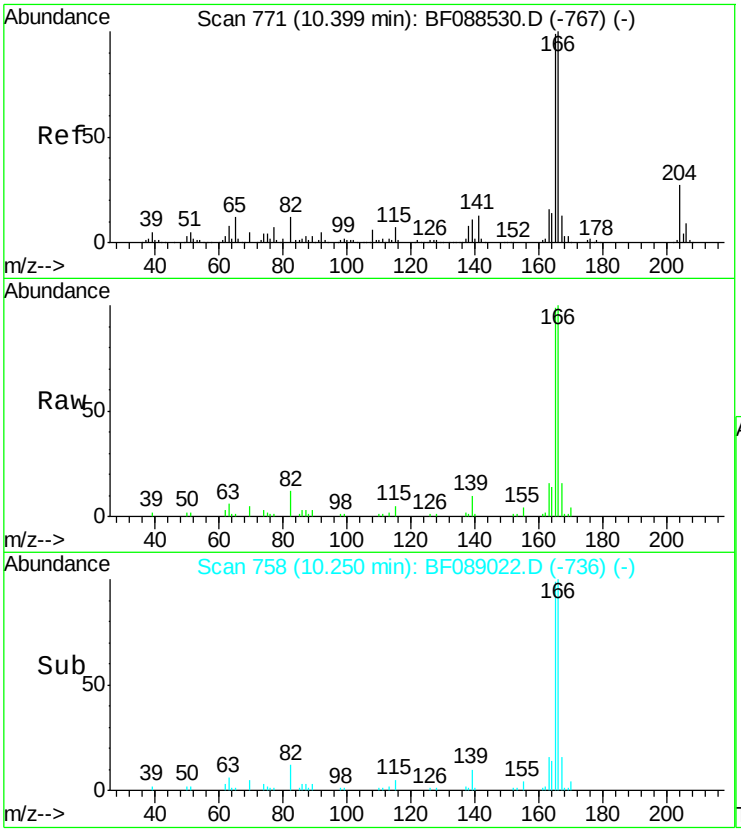


#55
4-Nitrophenol
Concen: 5.90 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:139 Resp: 9223

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



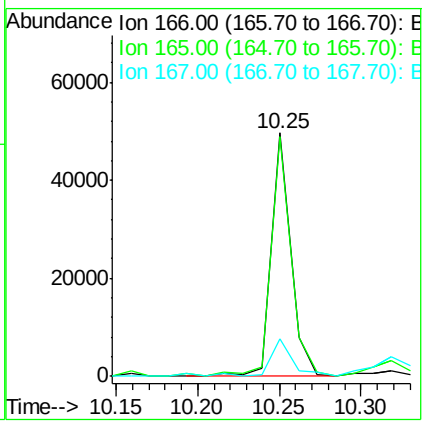


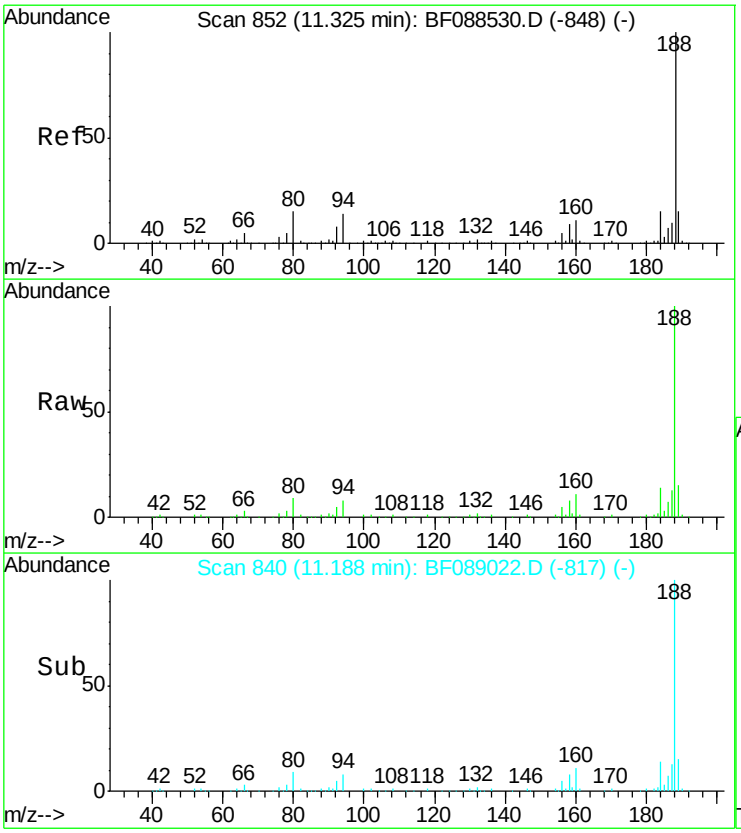
#57
Fluorene
Concen: 6.35 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:166 Resp: 41583

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.8
167	15.6	11.2	16.8

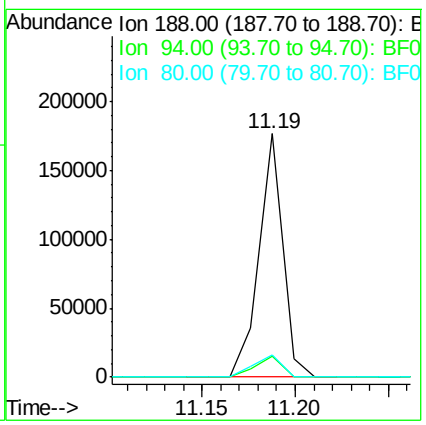


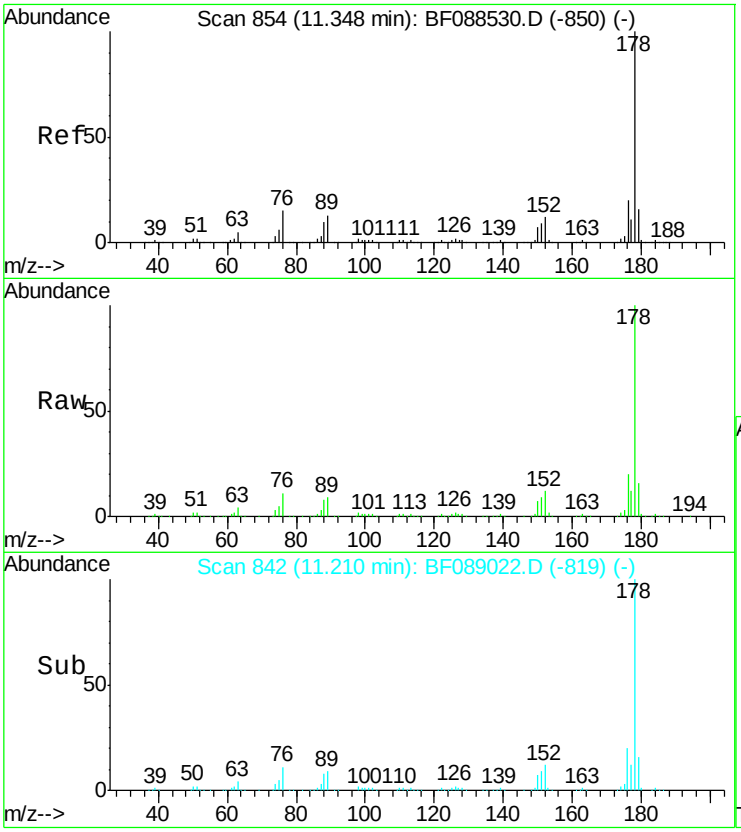


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:188 Resp: 155452

Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.6#
80	9.3	10.0	15.0#



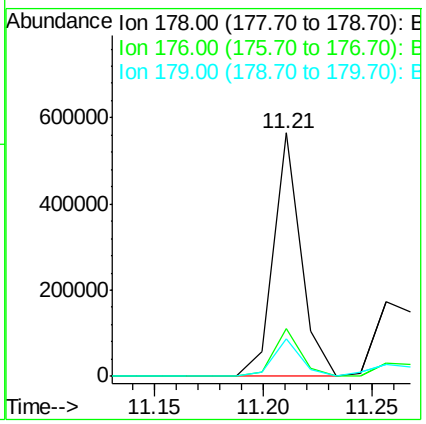


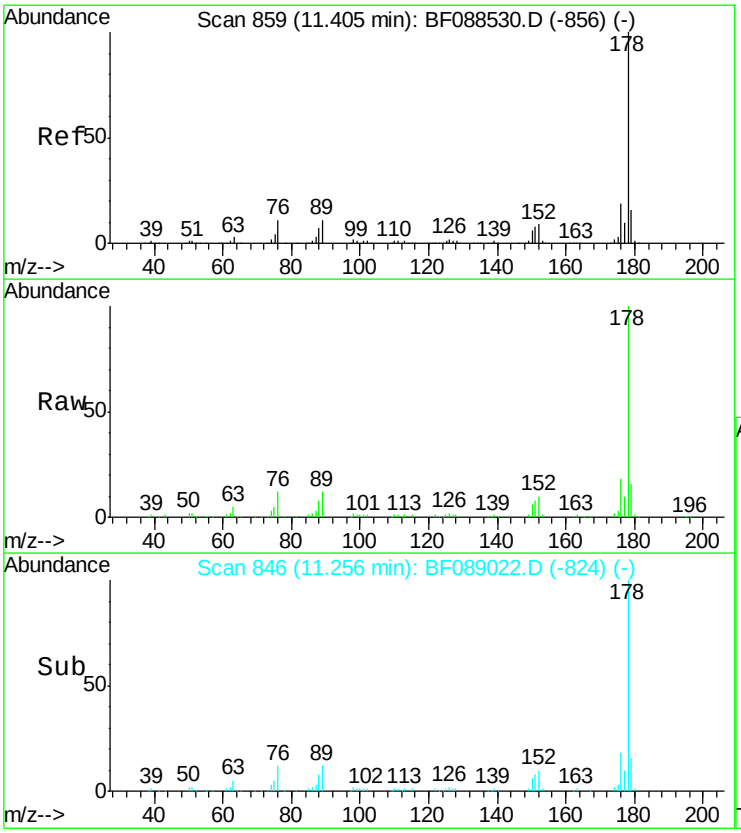
#70
Phenanthrene
Concen: 58.96 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:178 Resp: 501064

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.6
179	15.7	13.0	19.4

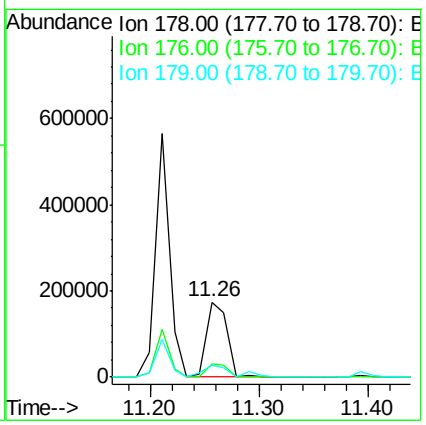


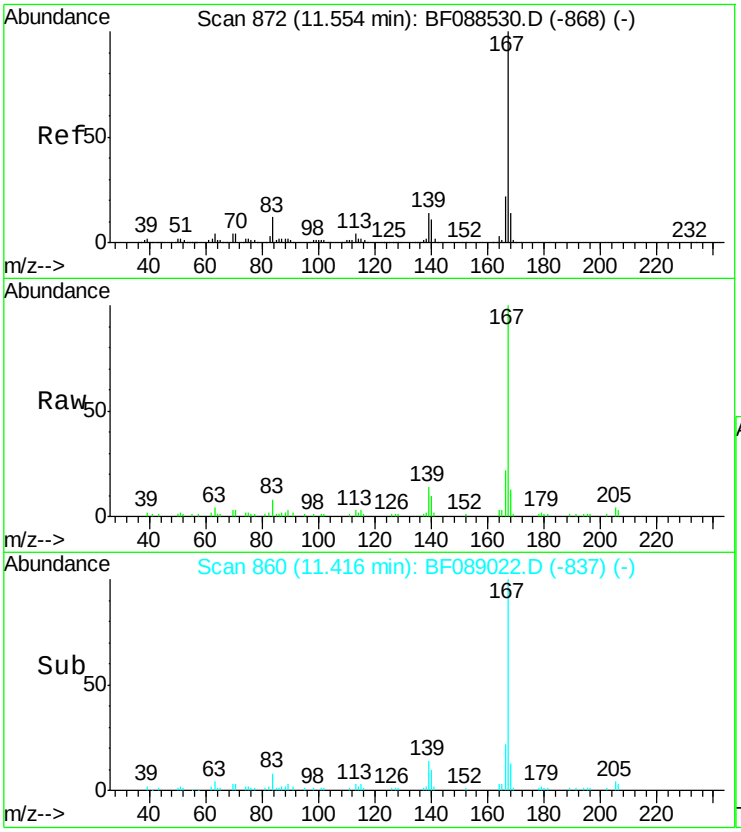


#71
Anthracene
Concen: 27.34 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:178 Resp: 231045

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	16.0	12.8	19.2



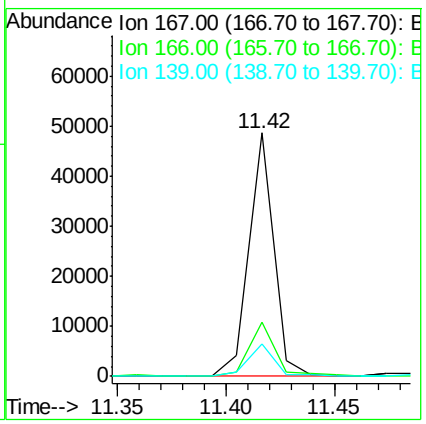


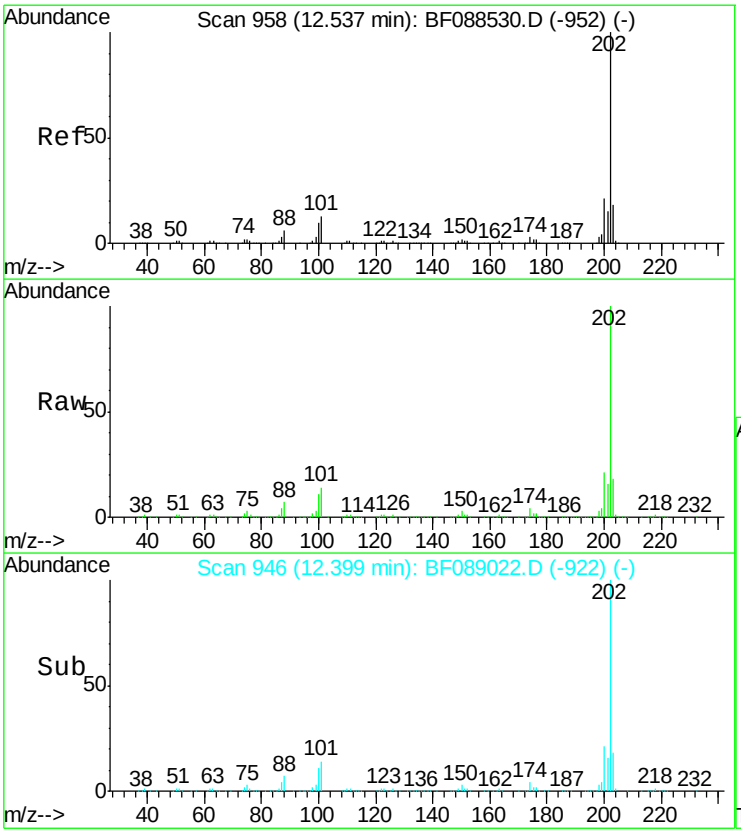
#72
Carbazole
Concen: 4.85 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:167 Resp: 38596

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.6	11.2	16.8

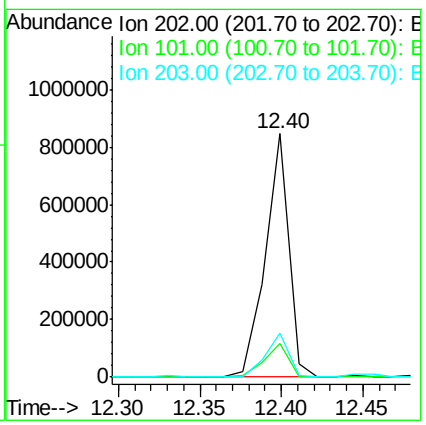


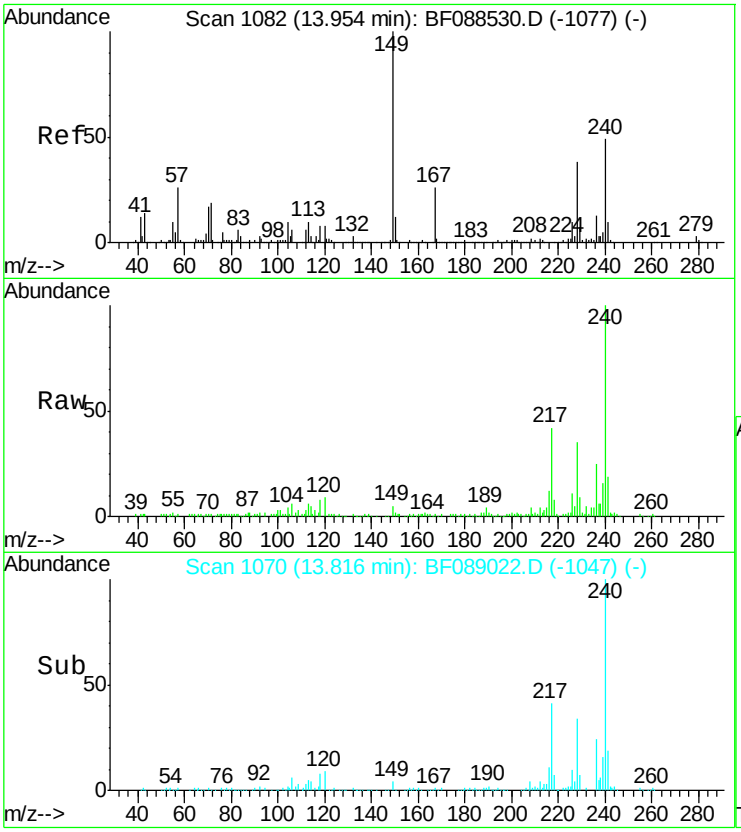


#74
Fluoranthene
Concen: 98.00 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:202 Resp: 844252

Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	33.1
203	17.9	0.0	38.1



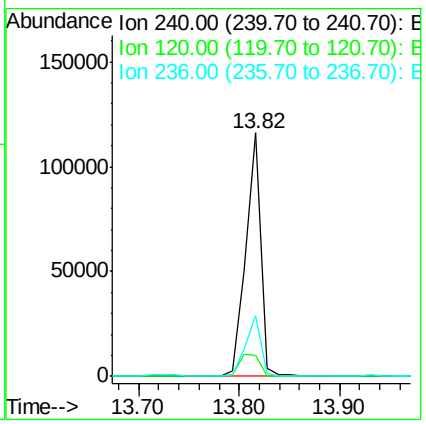


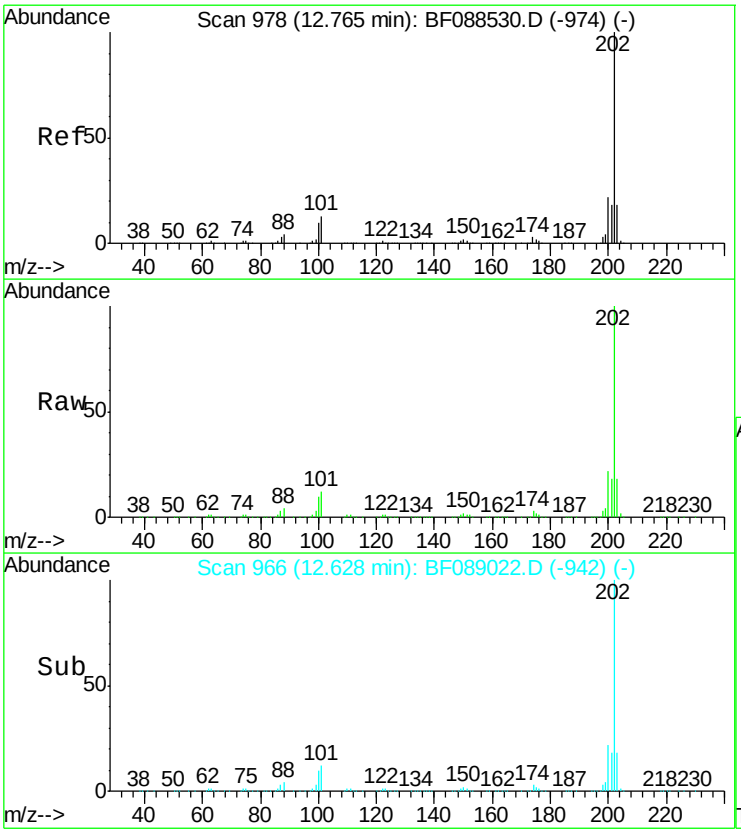
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:240 Resp: 120535

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	25.0	20.2	30.2

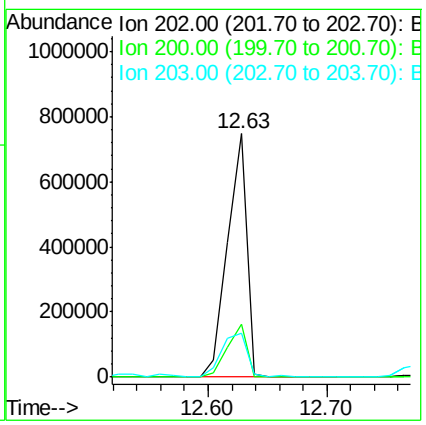


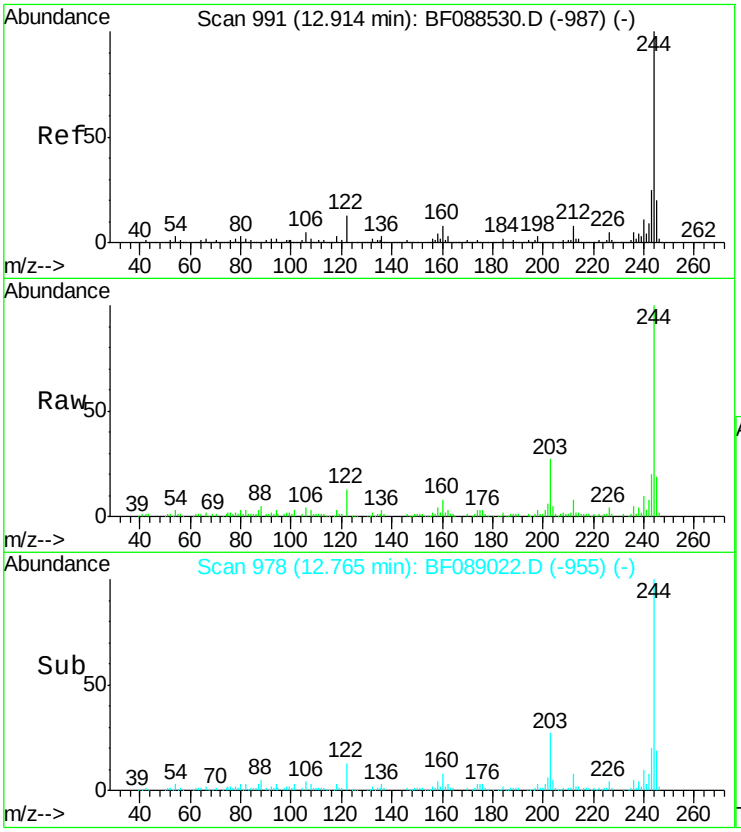


#77
Pyrene
Concen: 82.52 ng
RT: 12.63 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:202 Resp: 843397

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	18.0	14.5	21.7



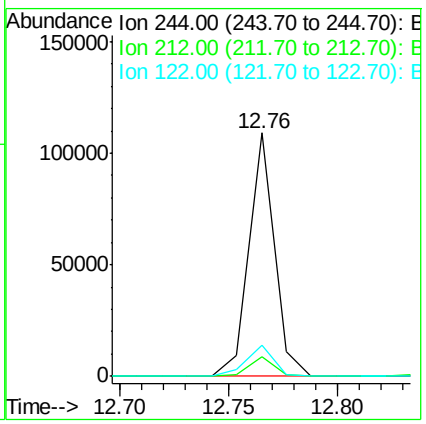


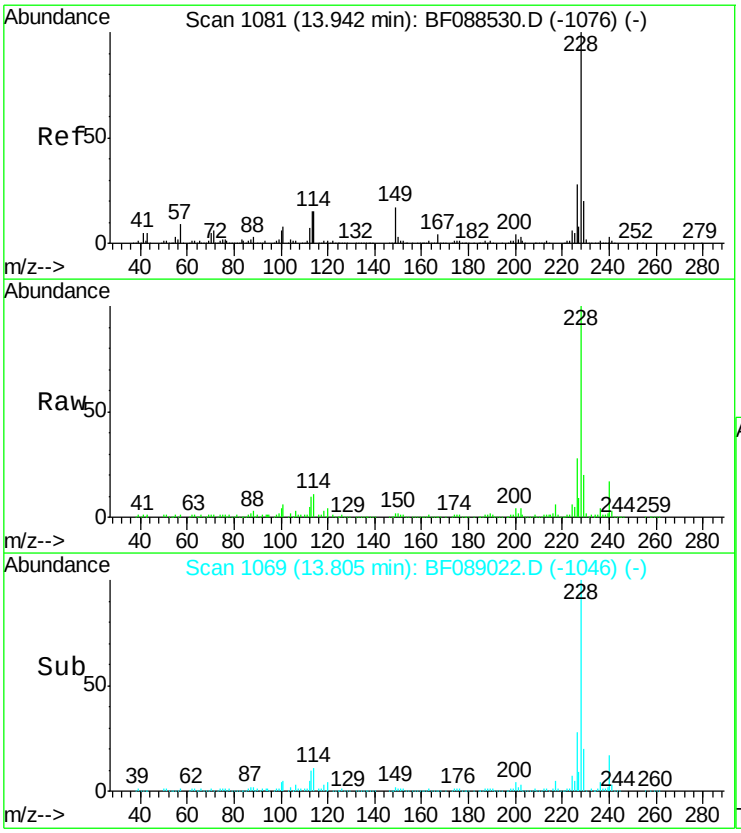
#78
Terphenyl-d14
Concen: 16.41 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:244 Resp: 88782

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.7	11.2	16.8

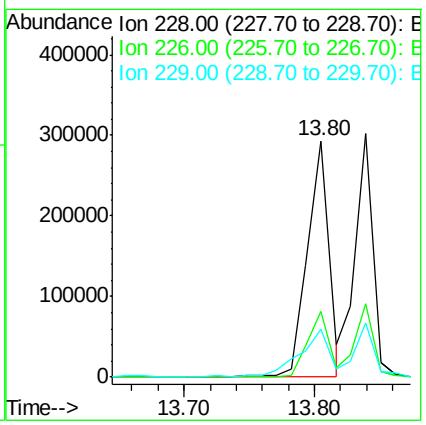


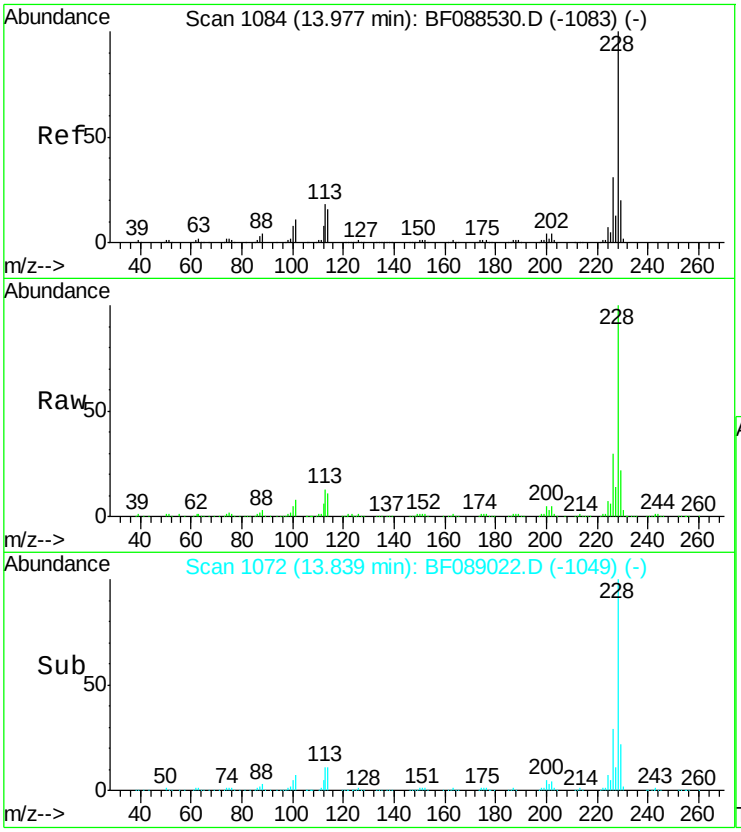


#80
Benzo(a)anthracene
Concen: 42.96 ng
RT: 13.80 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:228 Resp: 333423

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.3	33.5
229	20.0	16.0	24.0



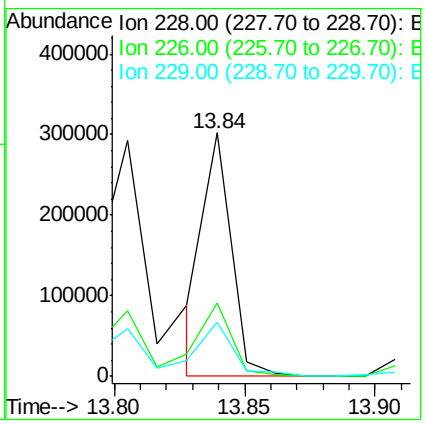


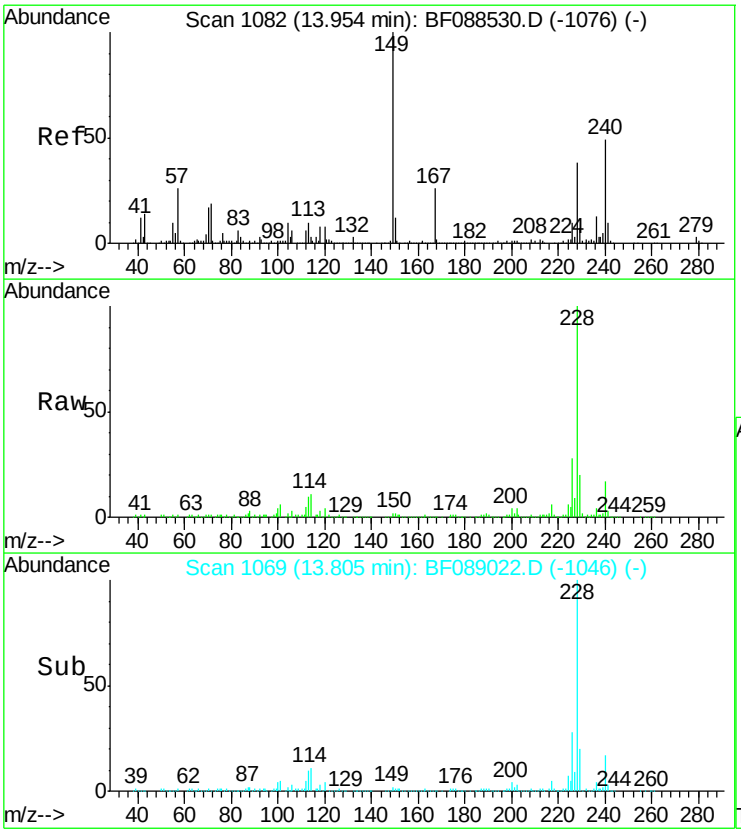
#82
Chrysene
Concen: 28.70 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:228 Resp: 220371

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	22.4	16.3	24.5

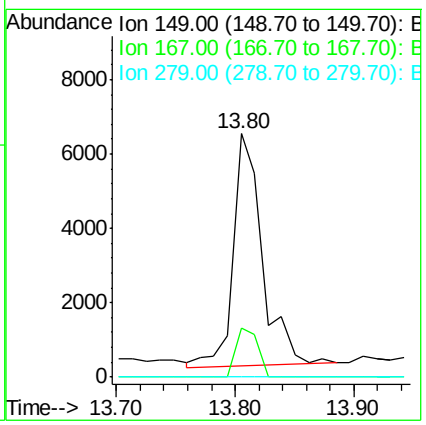


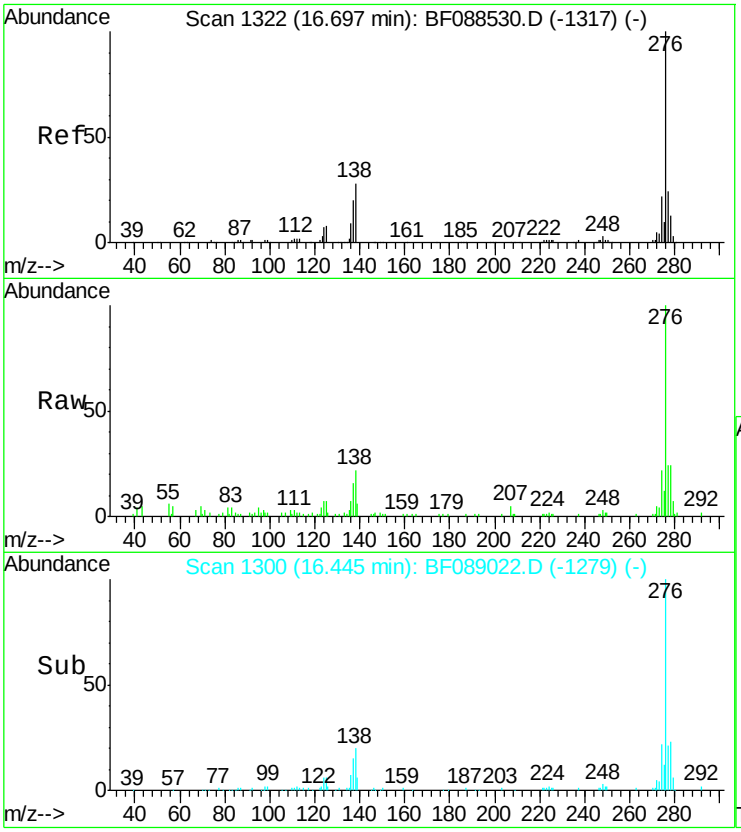


#83
Bis(2-ethylhexyl)phthalate
Concen: 2.06 ng
RT: 13.80 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:149 Resp: 10736

Ion	Ratio	Lower	Upper
149	100		
167	20.0	20.5	30.7#
279	0.0	2.0	3.0#



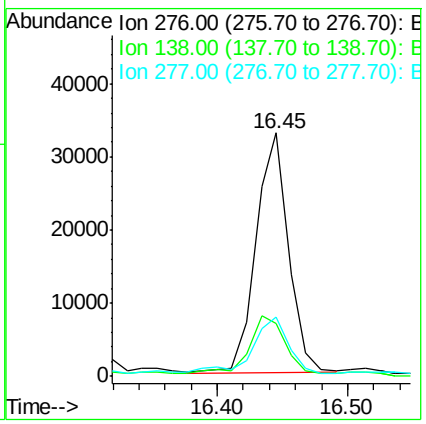


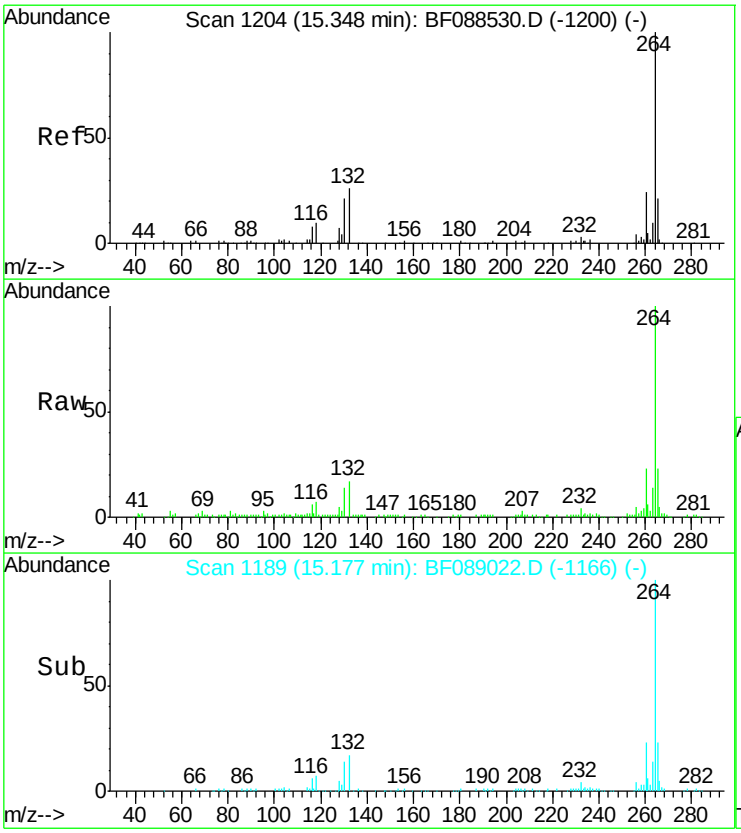
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.71 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:276 Resp: 57366

Ion	Ratio	Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	33.6	0.0	0.0#

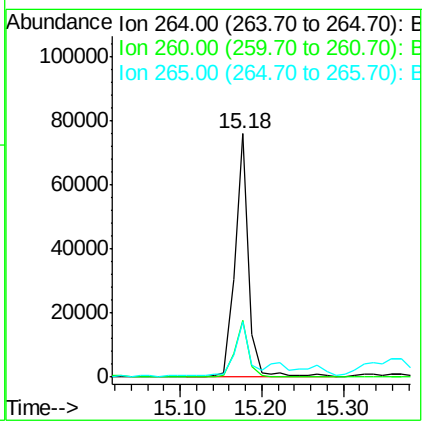


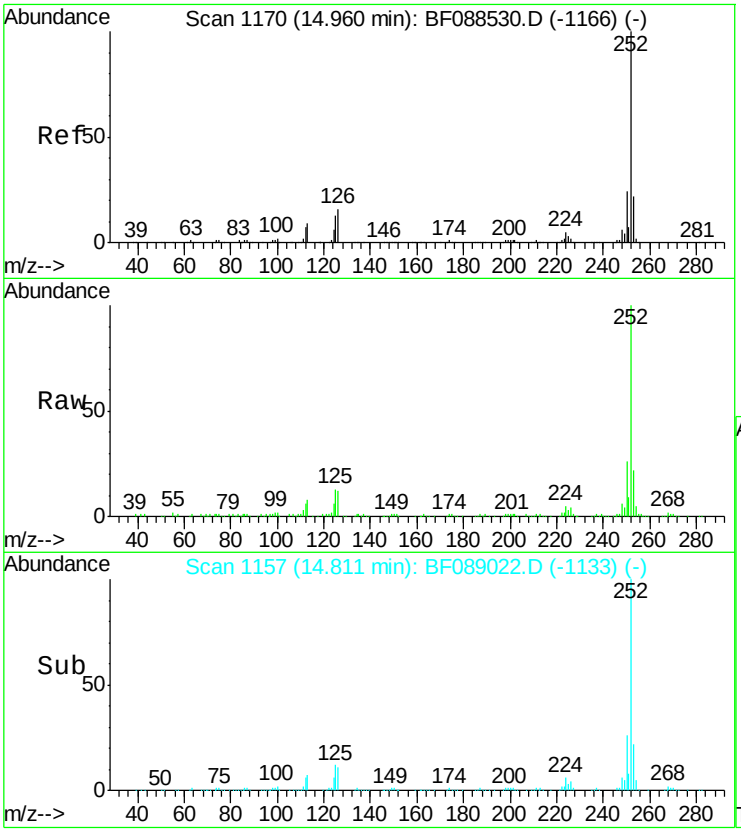


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:264 Resp: 88574

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.9	16.9	25.3



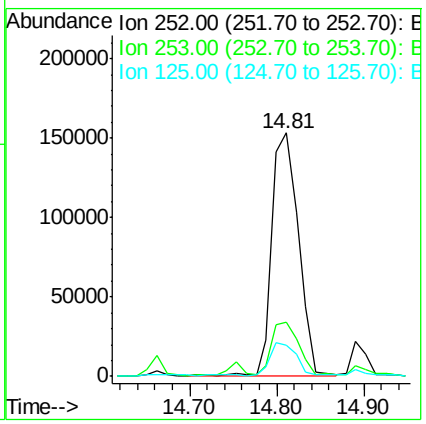


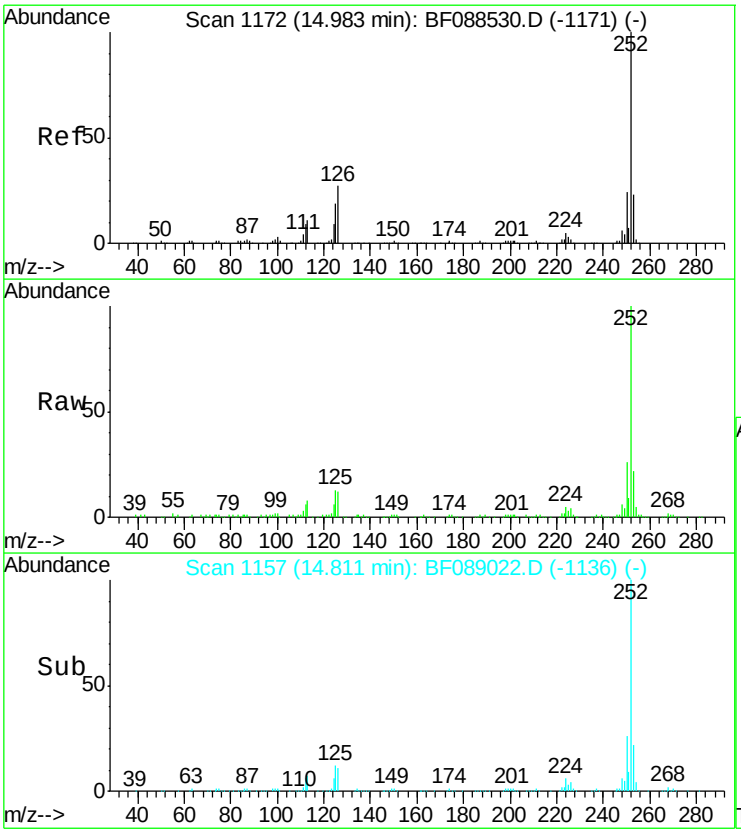
#87
Benzo(b)fluoranthene
Concen: 58.22 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:252 Resp: 323463

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	12.5	7.1	10.7#

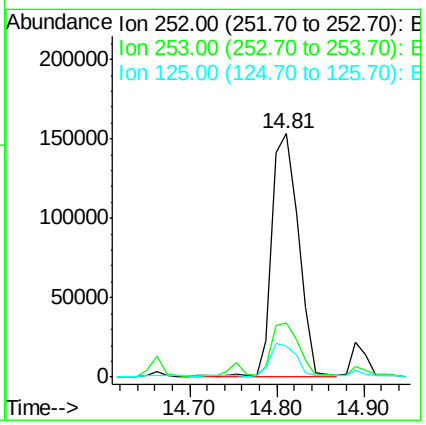


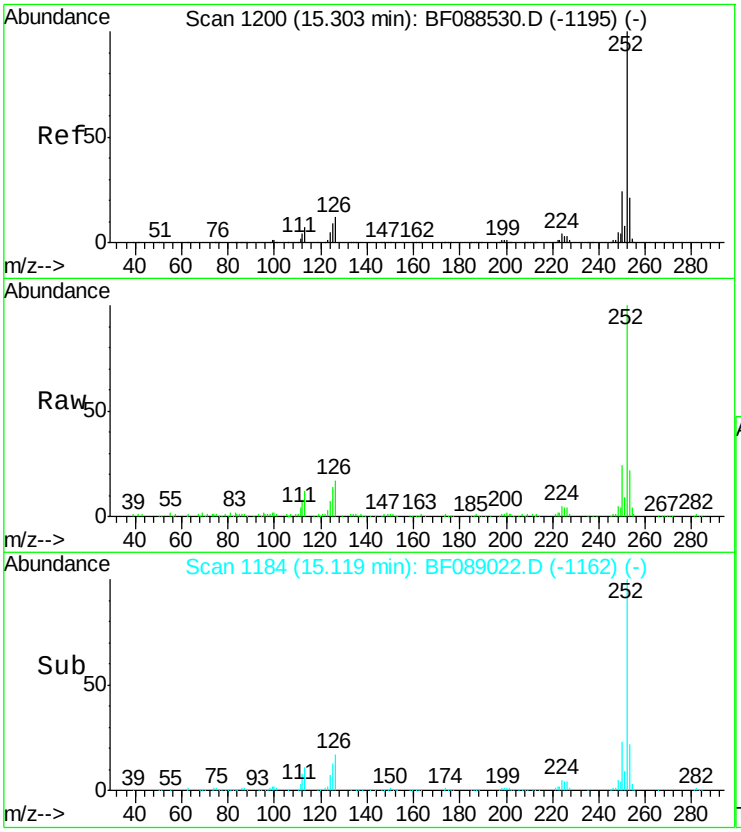


#88
Benzo(k)fluoranthene
Concen: 66.87 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:252 Resp: 323463

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	12.5	11.2	16.8



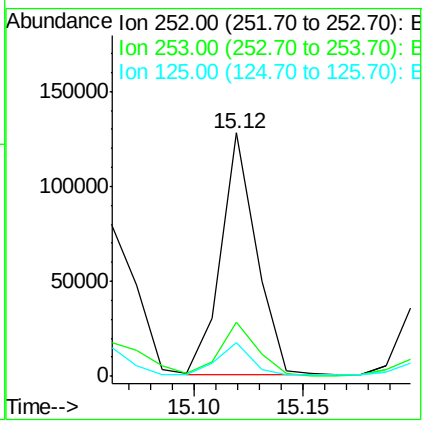


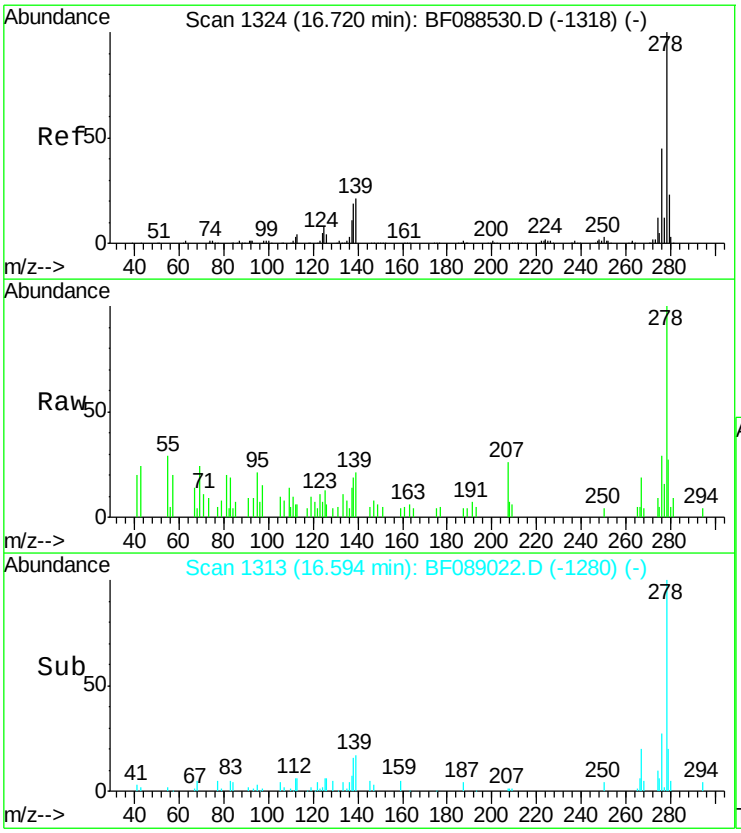
#89
Benzo(a)pyrene
Concen: 30.68 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:252 Resp: 144327

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	13.7	12.5	18.7

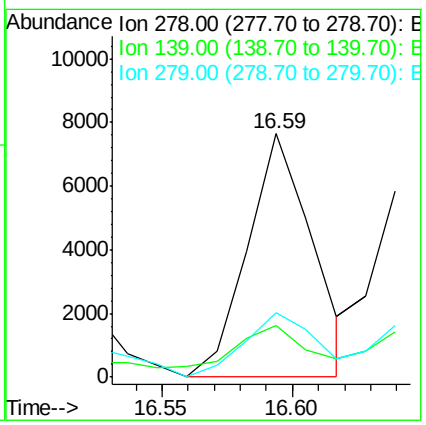


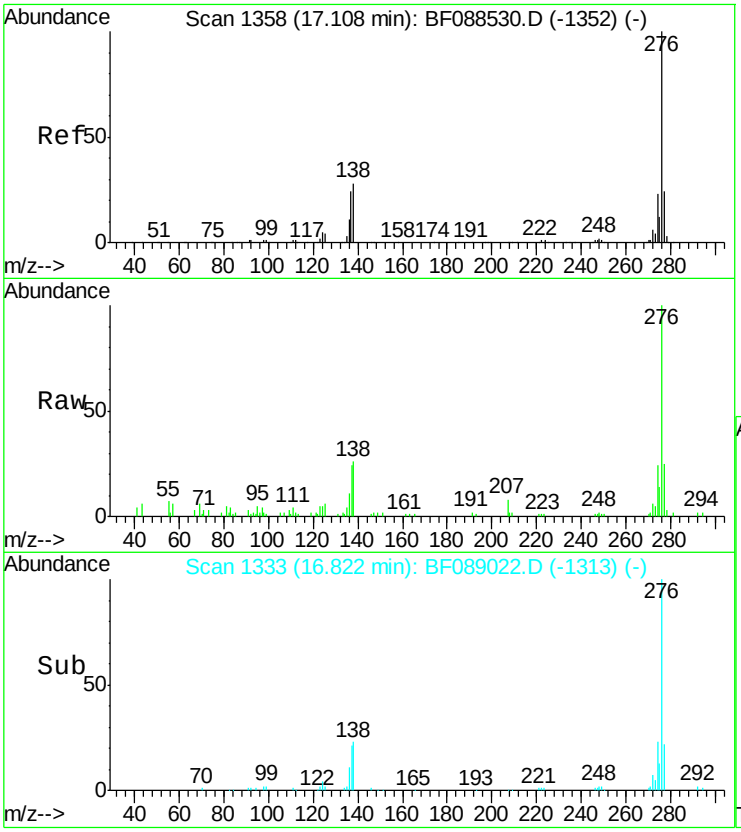


#90
Dibenzo(a,h)anthracene
Concen: 3.37 ng
RT: 16.59 min Scan# 1313
Delta R.T. 0.08 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Tgt Ion:278 Resp: 13240

Ion	Ratio	Lower	Upper
278	100		
139	21.1	15.7	23.5
279	26.6	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 12.66 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.07 min
Lab File: BF089022.D
Acq: 15 Jul 2016 17:56

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB09(0-2ft)

Tgt Ion:276 Resp: 51466

Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.9	28.3
138	26.4	21.4	32.2