Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089017.D
Acq On : 15 Jul 2016 15:25
Operator : UM/SJ
Sample : H3972-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB10(0-2ft)

Quant Time: Jul 15 22:57:40 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	65762	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	257629	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	99814	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	150738	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	114303	20.00	ng		-0.05
86) Perylene-d12	15.18	264	82470	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	538258	122.67	ng		-0.01
7) Phenol-d6	6.34	99	839871	148.13	ng		-0.01
23) Nitrobenzene-d5	7.24	82	420094	85.45	ng		-0.03
41) 2,4,6-Tribromophenol	10.50	330	116436	125.62	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	723616	114.51	ng		-0.03
78) Terphenyl-d14	12.77	244	412056	80.29	ng		-0.03
Target Compounds							Qvalue
15) Benzyl Alcohol	6.83	79	8876	2.13	ng	#	48
19) n-Nitroso-di-n-propylamine	7.24	70	56834	14.92	ng	#	75
25) Isophorone	7.24	82	311842	34.24	ng	#	65
49) Dimethylphthalate	9.44	163	177265	24.93	ng		99
56) 2,4-Dinitrotoluene	9.71	165	13083	6.35	ng	#	36
66) 4-Bromophenyl-phenylether	10.50	248	8877	5.84	ng	#	1
70) Phenanthrene	11.21	178	72628	8.81	ng		97
71) Anthracene	11.26	178	25812	3.15	ng		99
74) Fluoranthene	12.39	202	130804	15.66	ng		97
77) Pyrene	12.62	202	126827	13.09	ng		97
80) Benzo(a)anthracene	13.79	228	69708	9.47	ng		92
82) Chrysene	13.79	228	69708	9.57	ng		97
85) Indeno(1,2,3-cd)pyrene	16.45	276	22219	3.97	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	81456	15.75	ng	#	92
88) Benzo(k)fluoranthene	14.80	252	81456	18.09	ng		97
89) Benzo(a)pyrene	15.12	252	42483	9.70	ng		98
90) Dibenzo(a,h)anthracene	16.45	278	9652	2.64	ng	#	82
91) Benzo(g,h,i)perylene	16.82	276	23209	6.13	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089017.D
Acq On : 15 Jul 2016 15:25
Operator : UM/SJ
Sample : H3972-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Quant Time: Jul 15 22:57:40 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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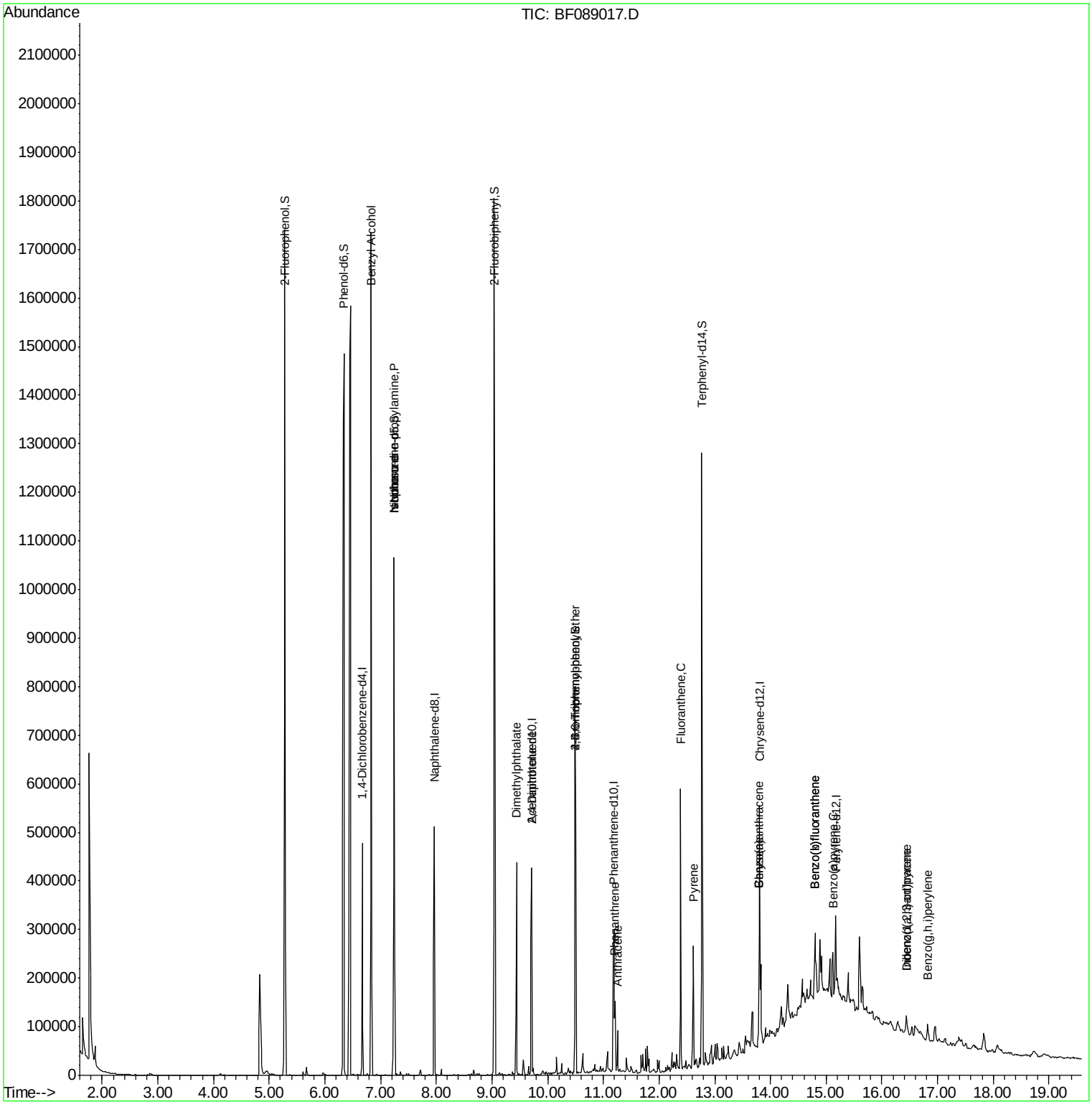
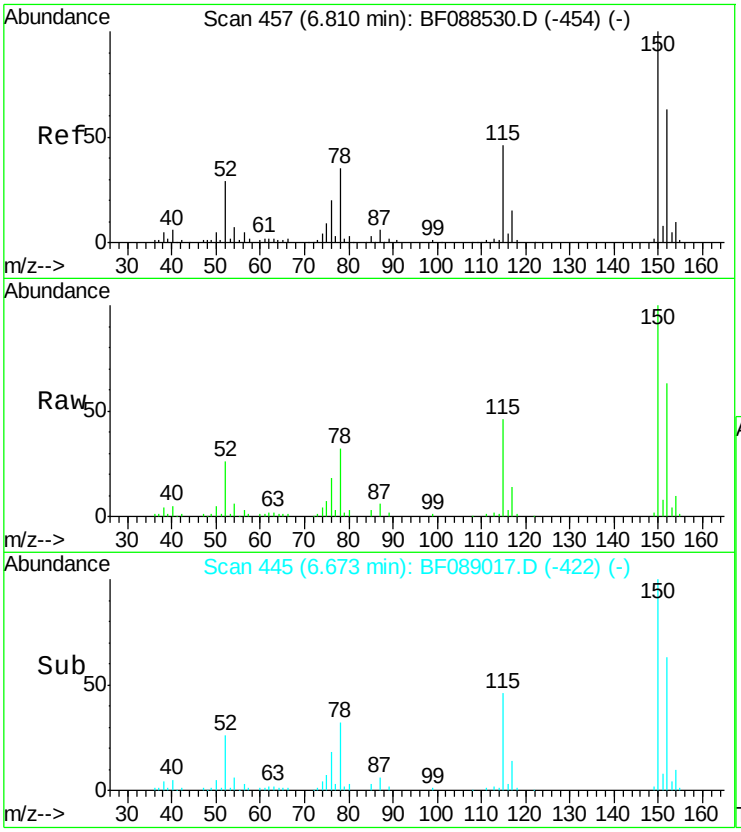


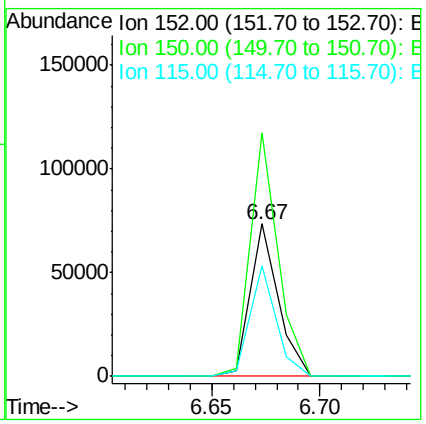


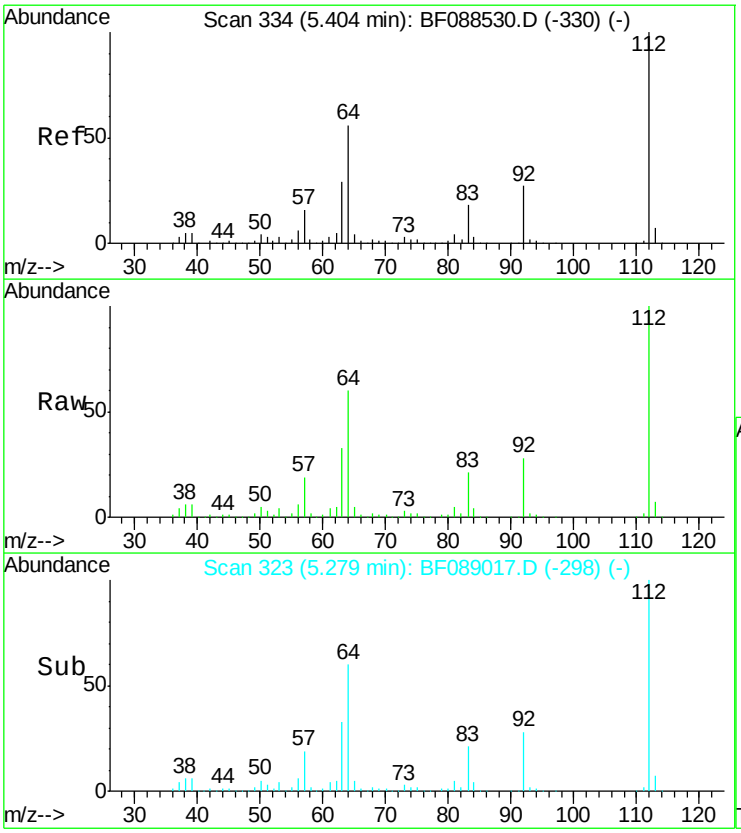
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:152 Resp: 65762

Ion	Ratio	Lower	Upper
152	100		
150	159.7	123.8	185.6
115	72.9	39.6	59.4#

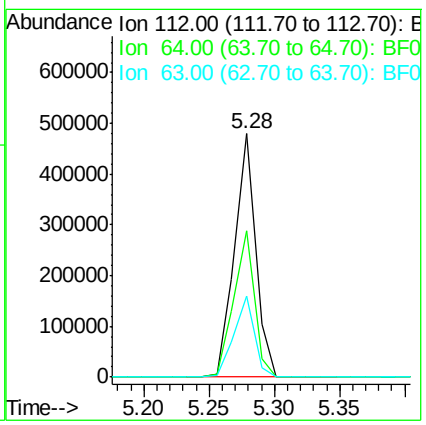


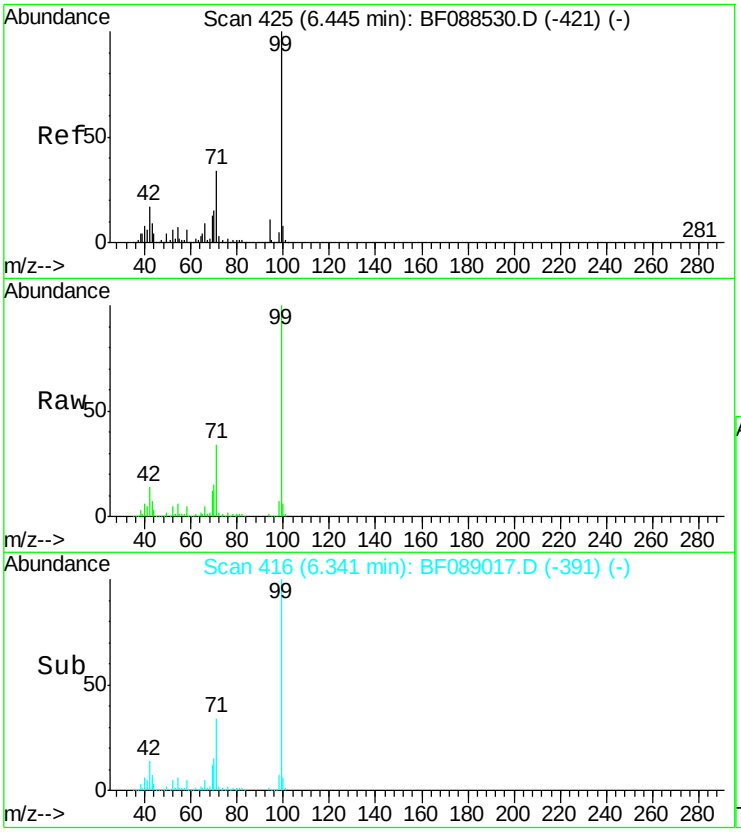


#5
2-Fluorophenol
Concen: 122.67 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:112 Resp: 538258

Ion	Ratio	Lower	Upper
112	100		
64	60.3	42.2	63.2
63	33.2	21.8	32.8#



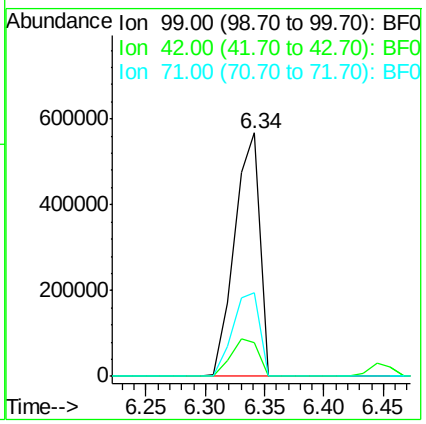


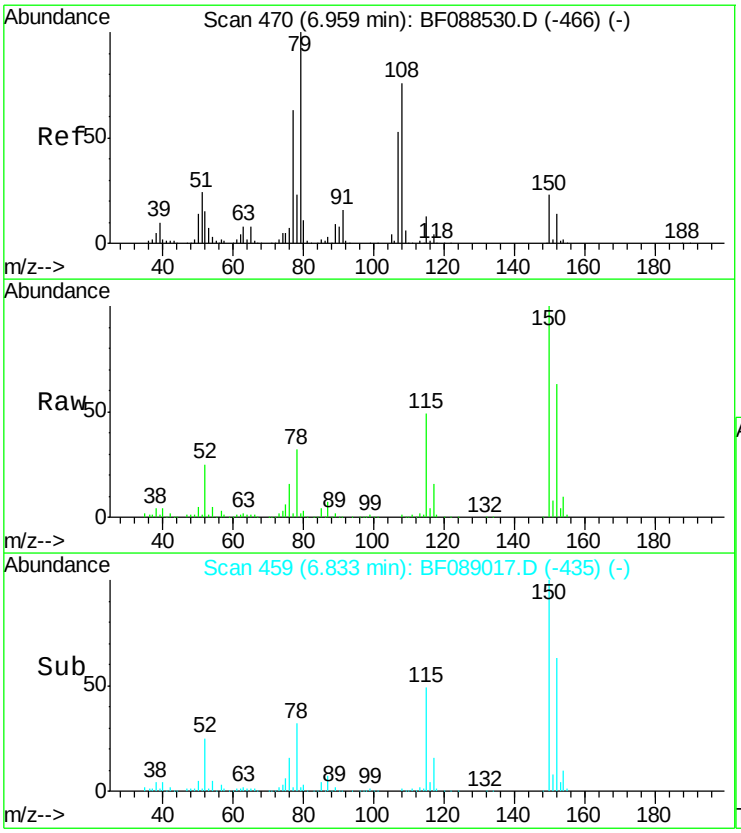
#7
Phenol-d6
Concen: 148.13 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion: 99 Resp: 839871

Ion	Ratio	Lower	Upper
99	100		
42	14.0	12.2	18.2
71	34.5	23.4	35.0

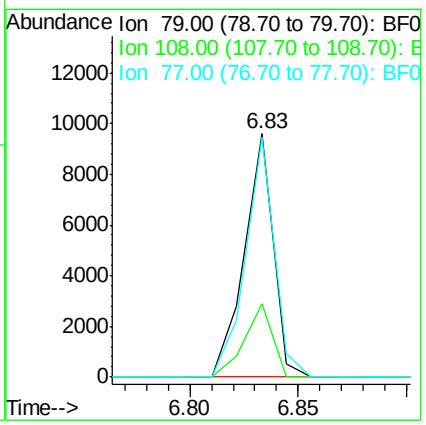


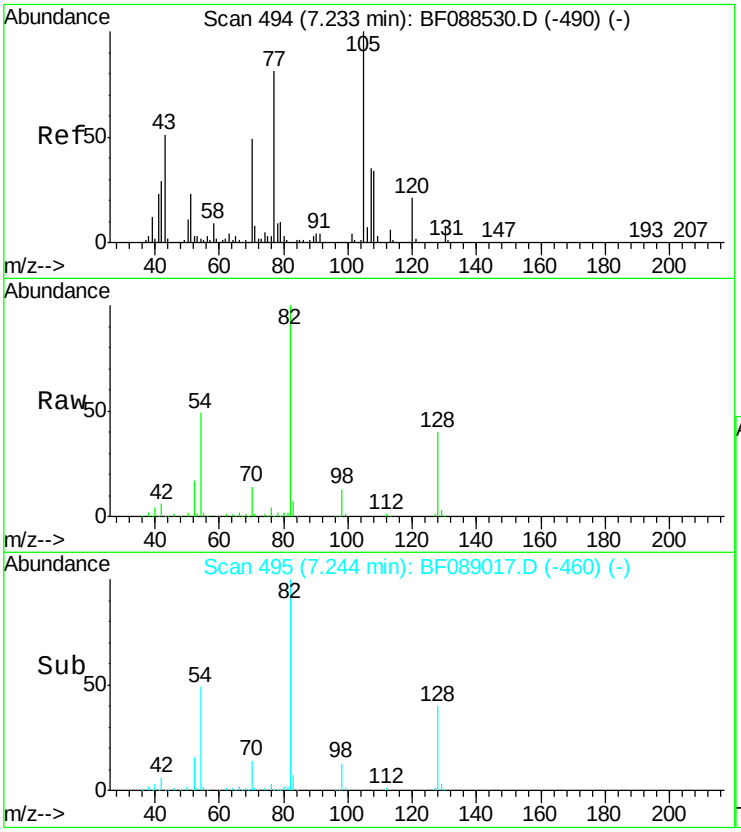


#15
Benzyl Alcohol
Concen: 2.13 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion: 79 Resp: 8876

Ion	Ratio	Lower	Upper
79	100		
108	30.3	65.0	97.6#
77	98.3	50.3	75.5#



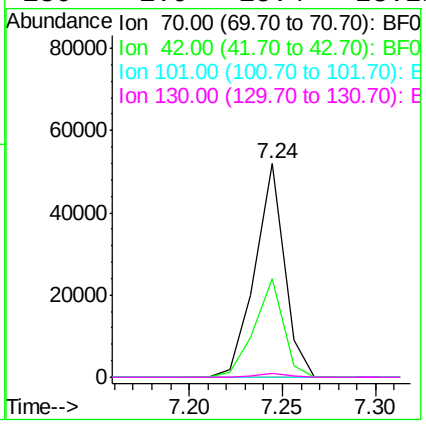


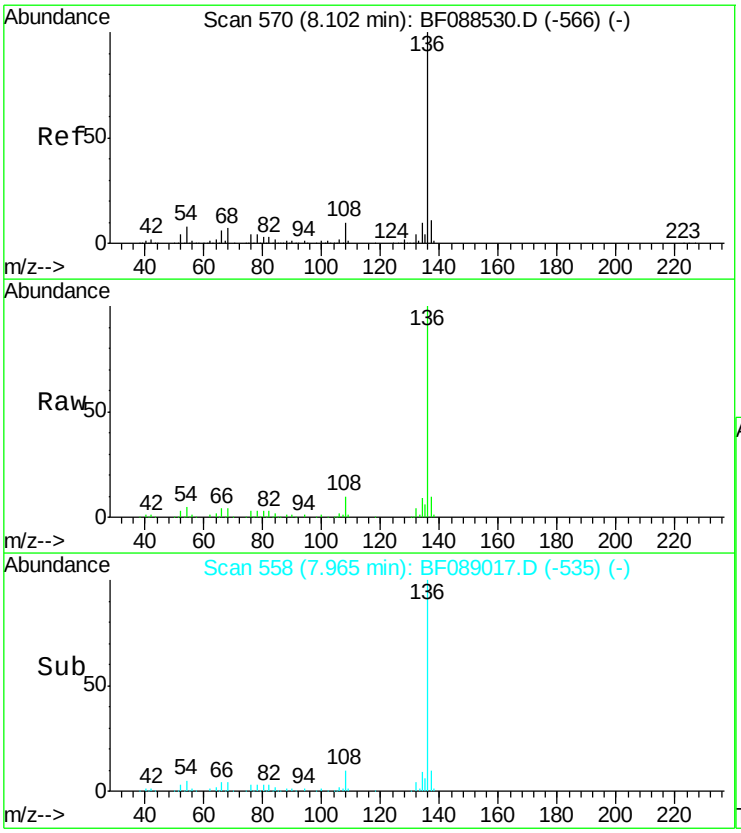
#19
n-Nitroso-di-n-propylamine
Concen: 14.92 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.10 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion: 70 Resp: 56834

Ion	Ratio	Lower	Upper
70	100		
42	46.0	49.6	74.4#
101	0.0	7.1	10.7#
130	1.9	15.4	23.2#

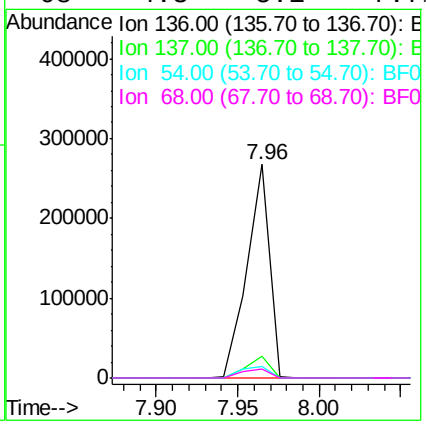


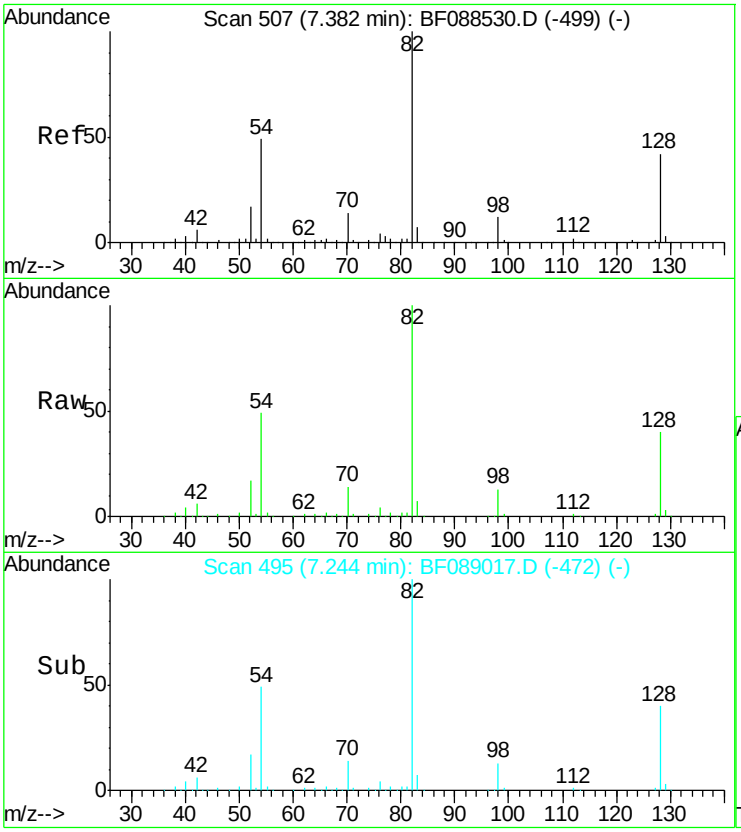


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:136 Resp: 257629

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	5.4	6.6	10.0#
68	4.3	5.1	7.7#



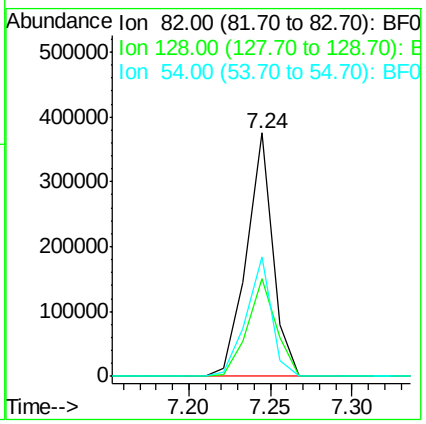


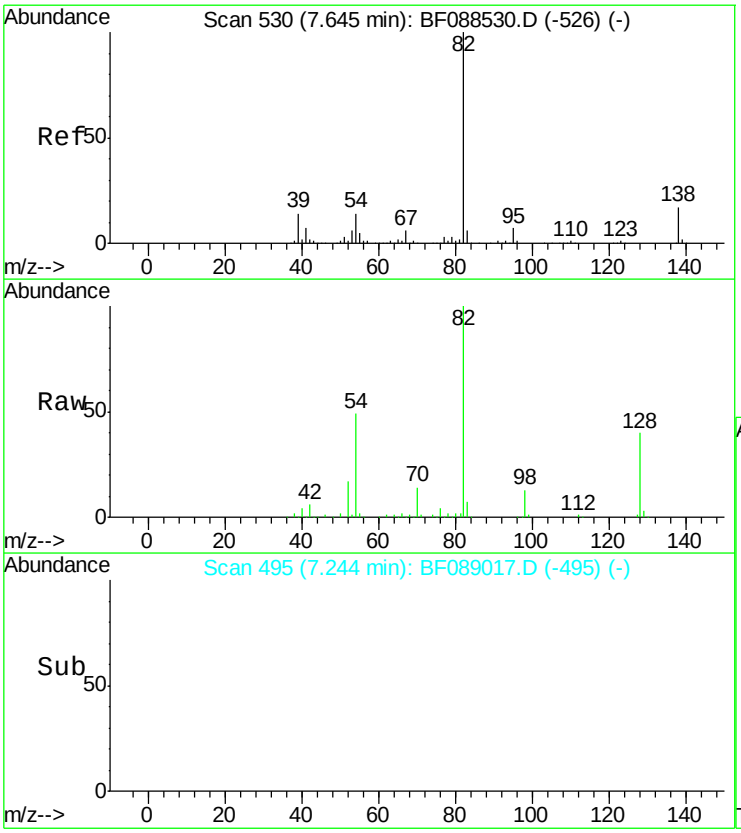
#23
Nitrobenzene-d5
Concen: 85.45 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion: 82 Resp: 420094

Ion	Ratio	Lower	Upper
82	100		
128	40.1	35.9	53.9
54	48.8	40.9	61.3

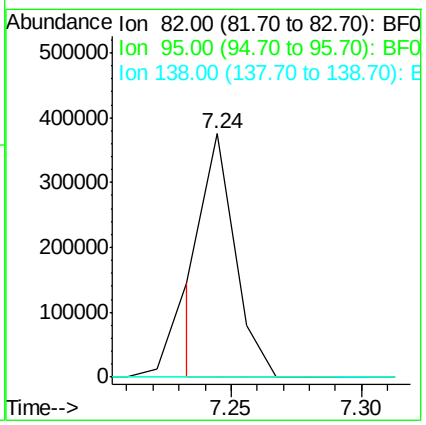


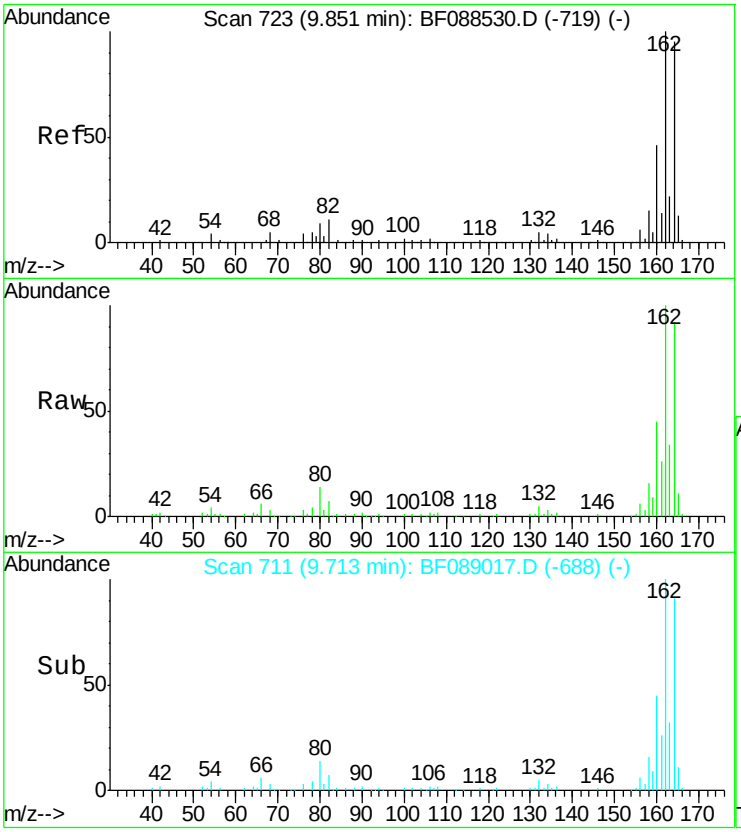


#25
Isophorone
Concen: 34.24 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.30 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion: 82 Resp: 311842

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



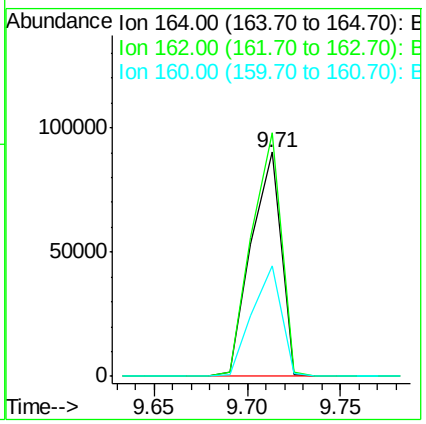


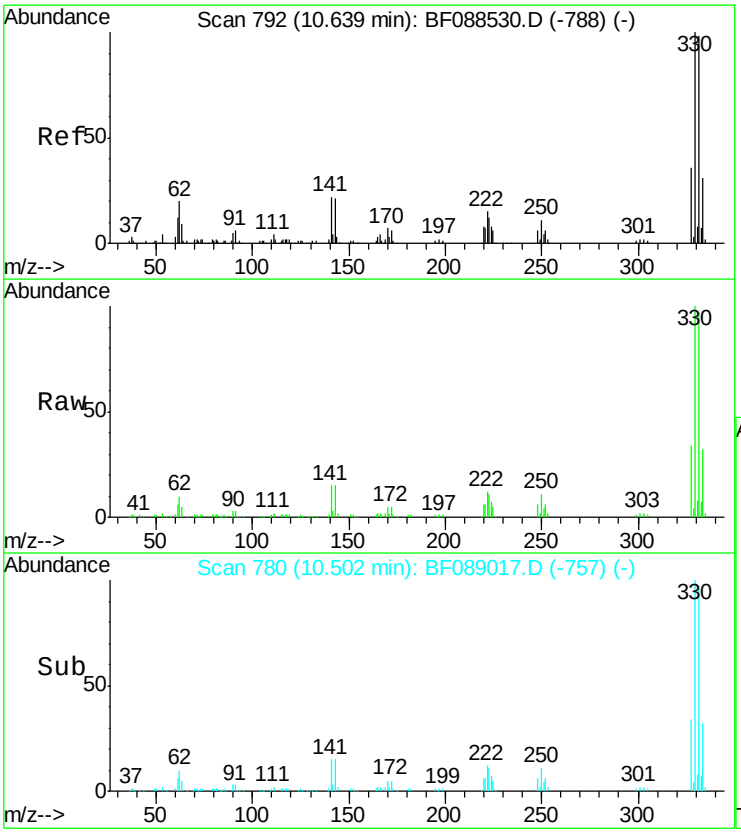
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:164 Resp: 99814

Ion	Ratio	Lower	Upper
164	100		
162	108.6	85.4	128.2
160	49.3	39.5	59.3

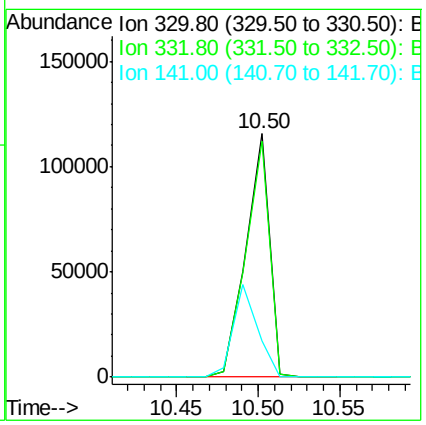


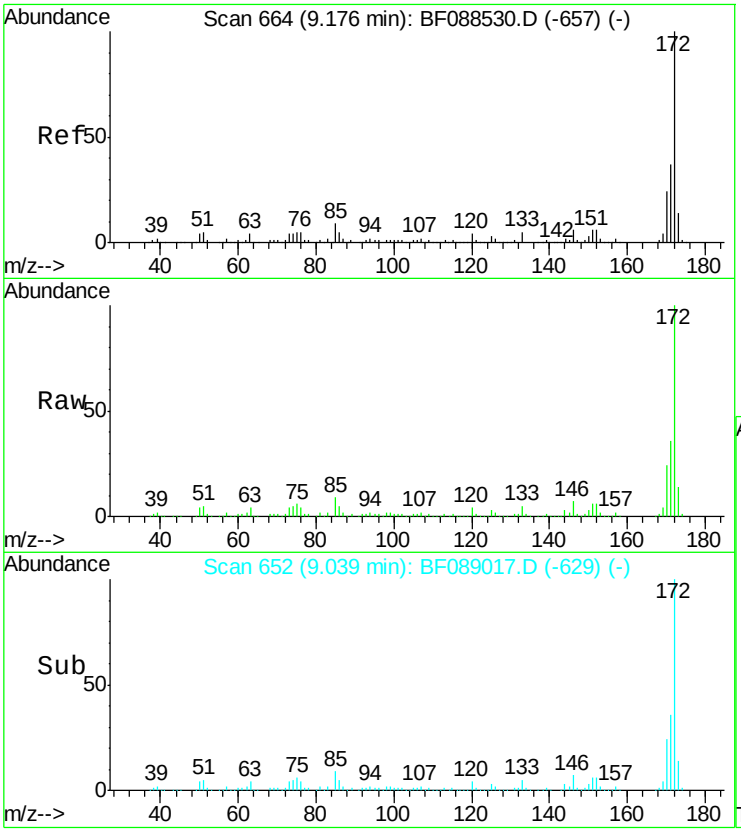


#41
2,4,6-Tribromophenol
Concen: 125.62 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:330 Resp: 116436

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	38.8	0.0	0.0#



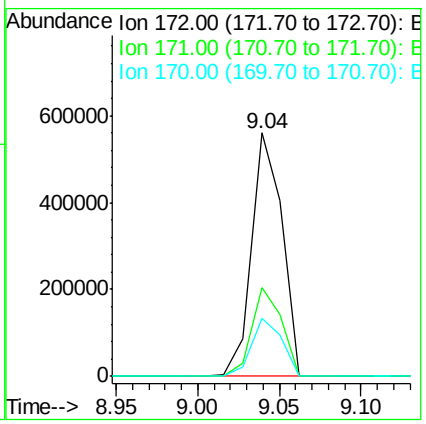


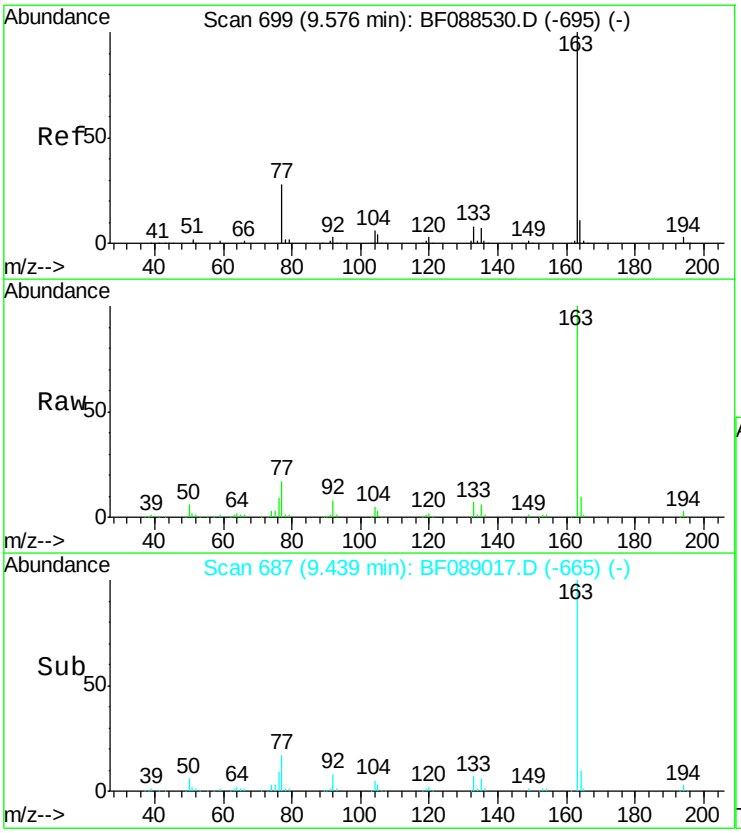
#44
2-Fluorobiphenyl
Concen: 114.51 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:172 Resp: 723616

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	23.7	19.2	28.8

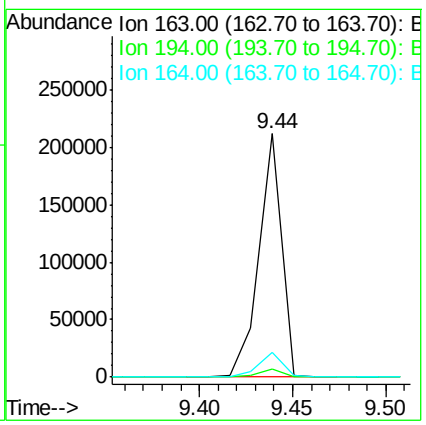


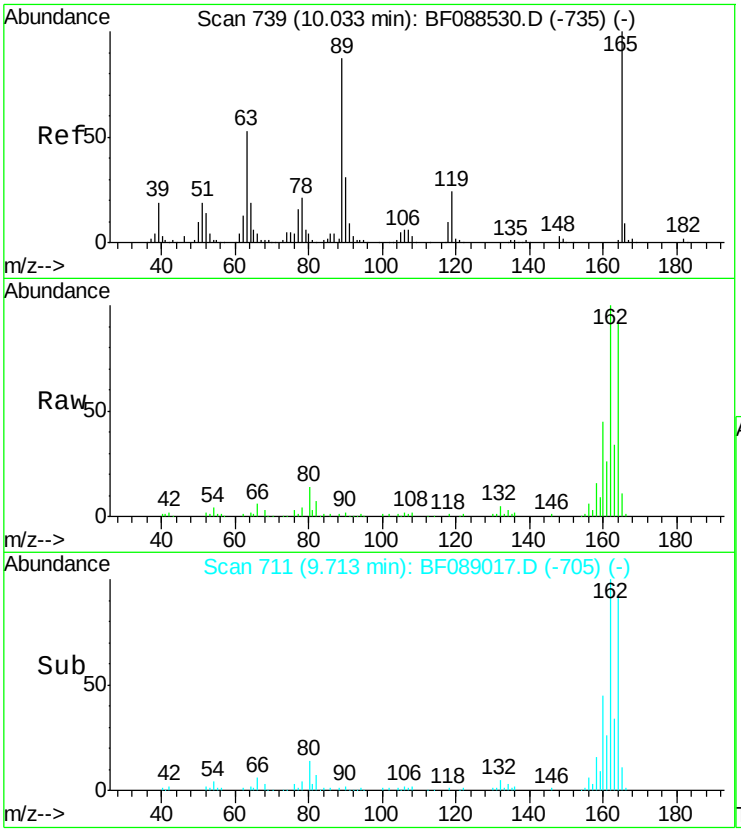


#49
Dimethylphthalate
Concen: 24.93 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:163 Resp: 177265

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.9	8.3	12.5



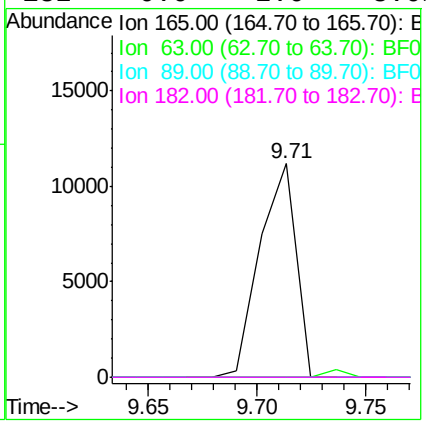


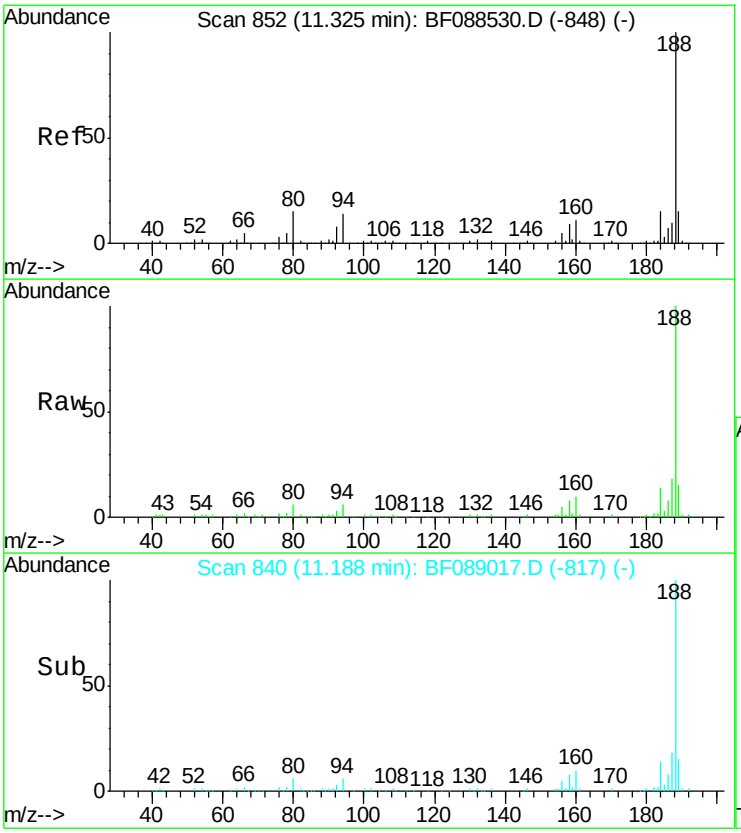
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:165 Resp: 13083

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#

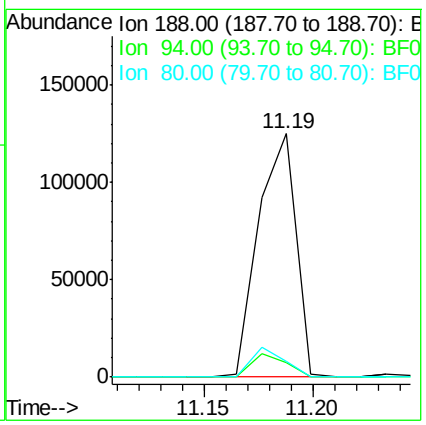


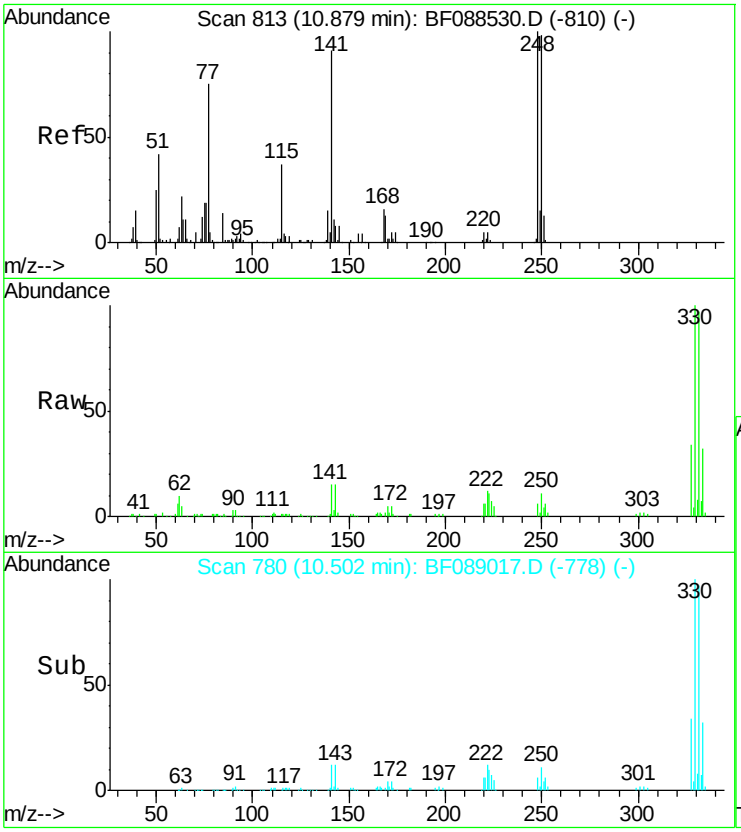


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:188 Resp: 150738

Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.6#
80	6.3	10.0	15.0#



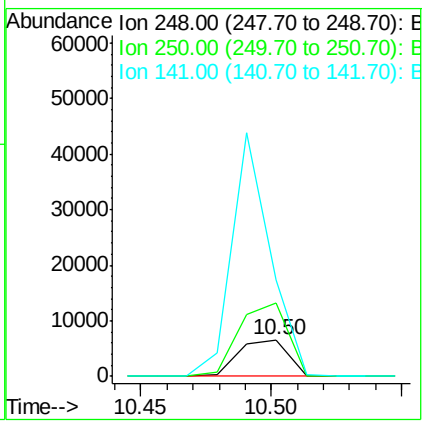


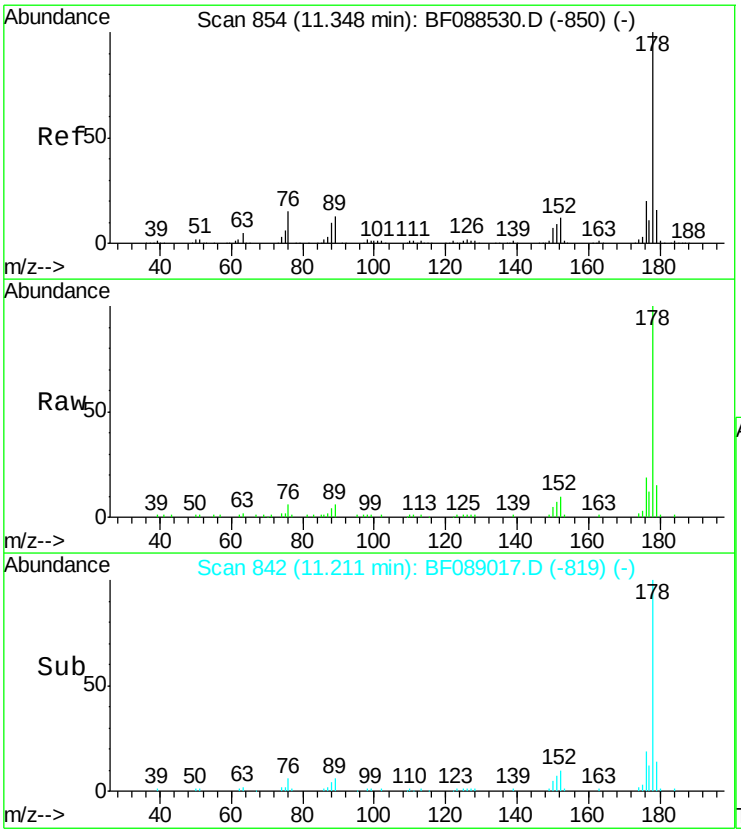
#66
4-Bromophenyl-phenylether
Concen: 5.84 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.27 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:248 Resp: 8877

Ion	Ratio	Lower	Upper
248	100		
250	198.6	77.1	115.7#
141	262.2	50.6	76.0#

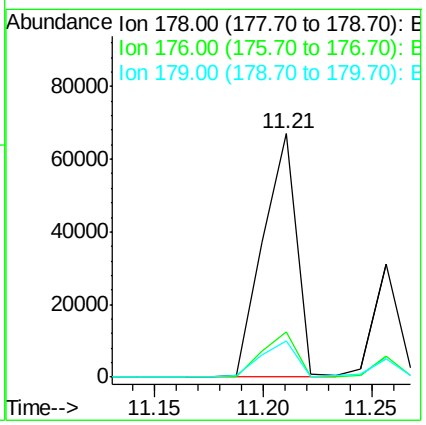


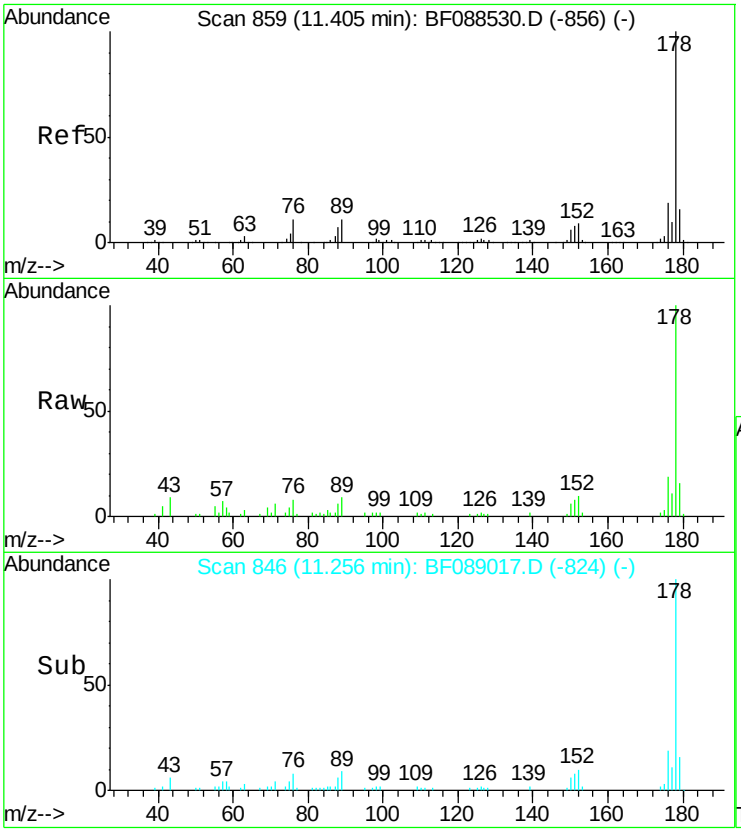


#70
Phenanthrene
Concen: 8.81 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:178 Resp: 72628

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.6
179	14.7	13.0	19.4



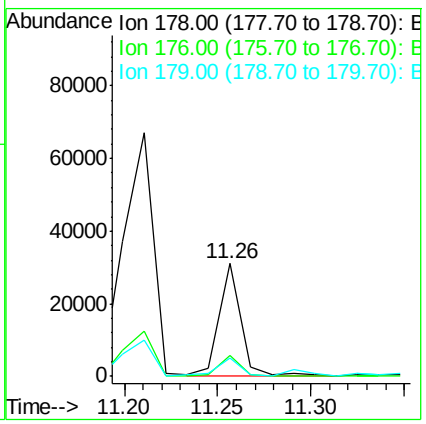


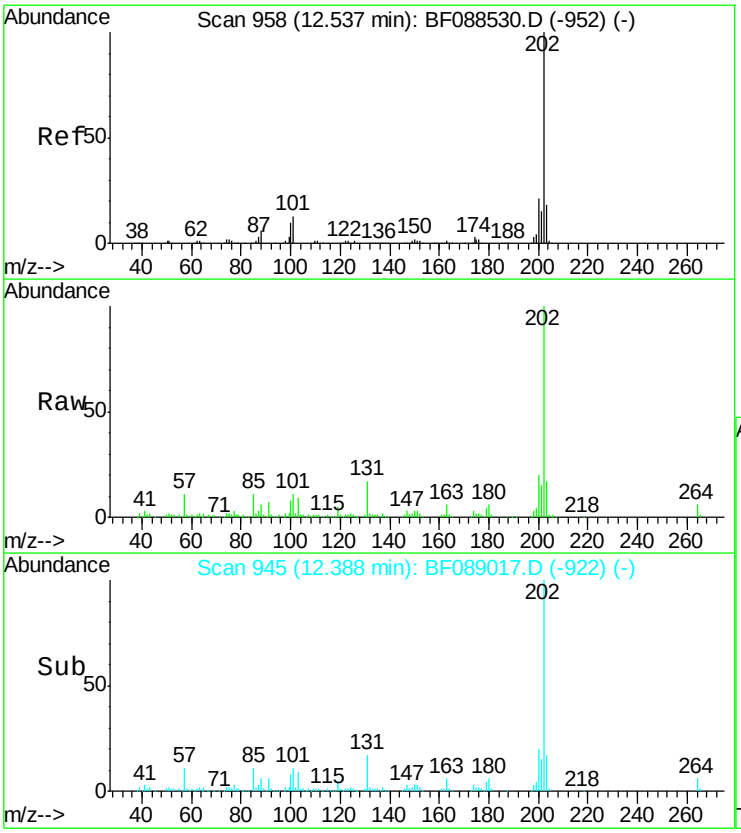
#71
Anthracene
Concen: 3.15 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:178 Resp: 25812

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.3	12.8	19.2

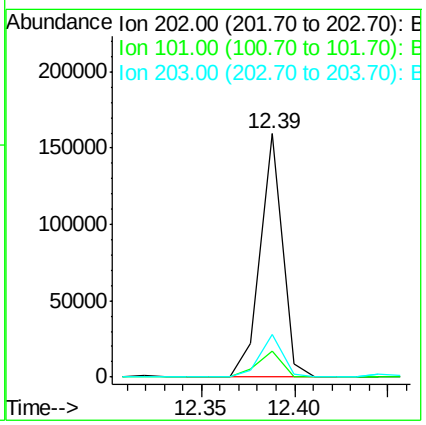


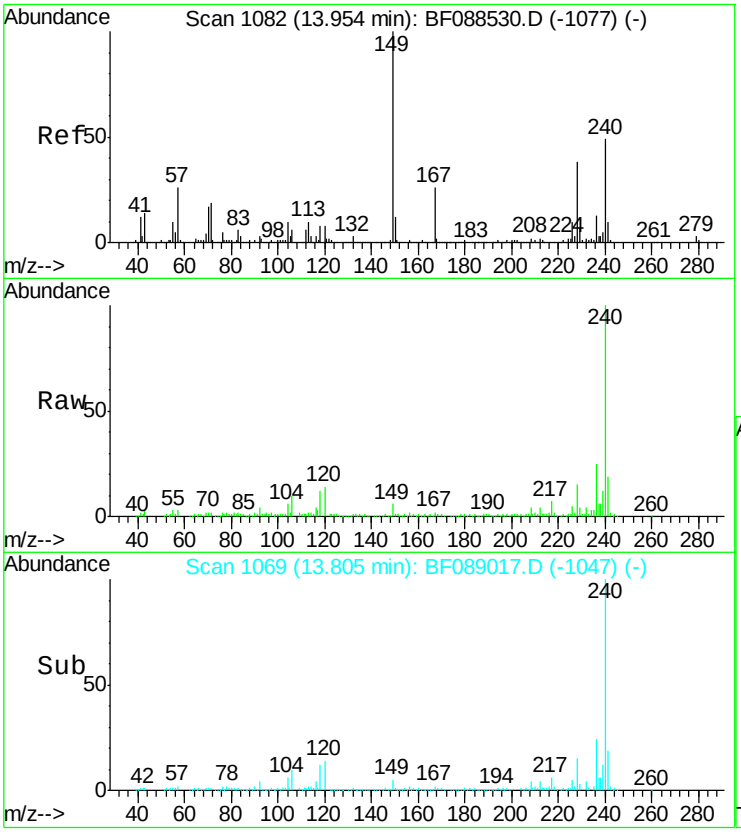


#74
Fluoranthene
Concen: 15.66 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:202 Resp: 130804

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.1
203	17.3	0.0	38.1



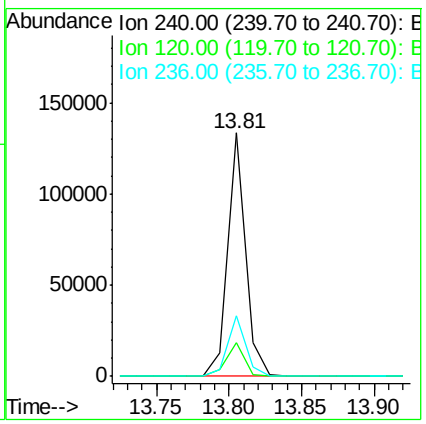


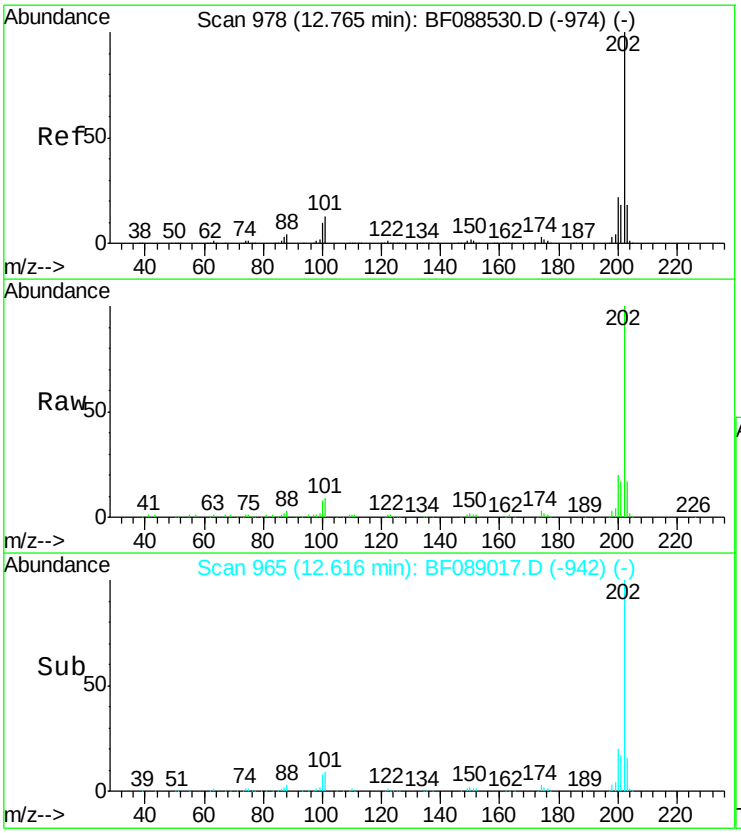
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:240 Resp: 114303

Ion	Ratio	Lower	Upper
240	100		
120	13.7	6.8	10.2#
236	24.8	20.2	30.2

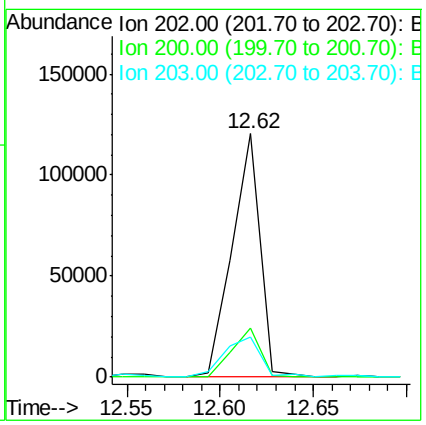


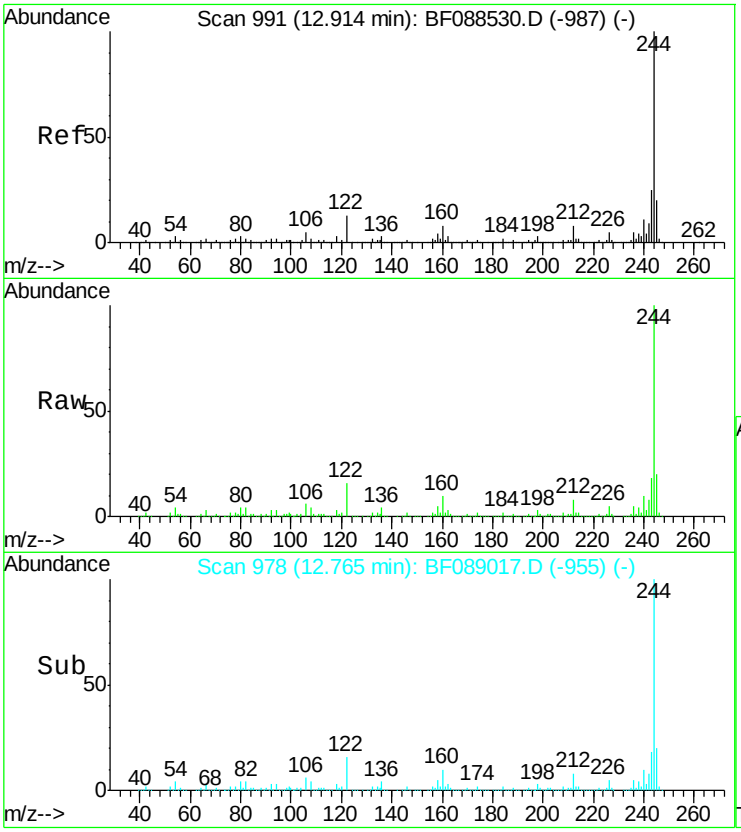


#77
Pyrene
Concen: 13.09 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:202 Resp: 126827

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.4	26.2
203	16.6	14.5	21.7



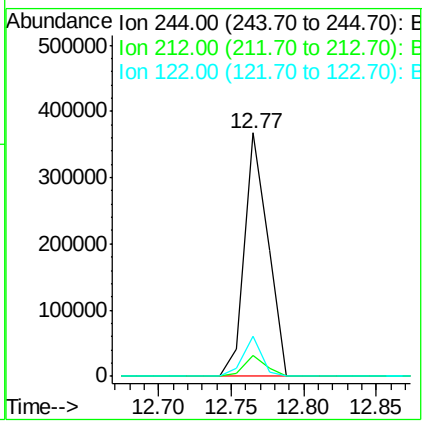


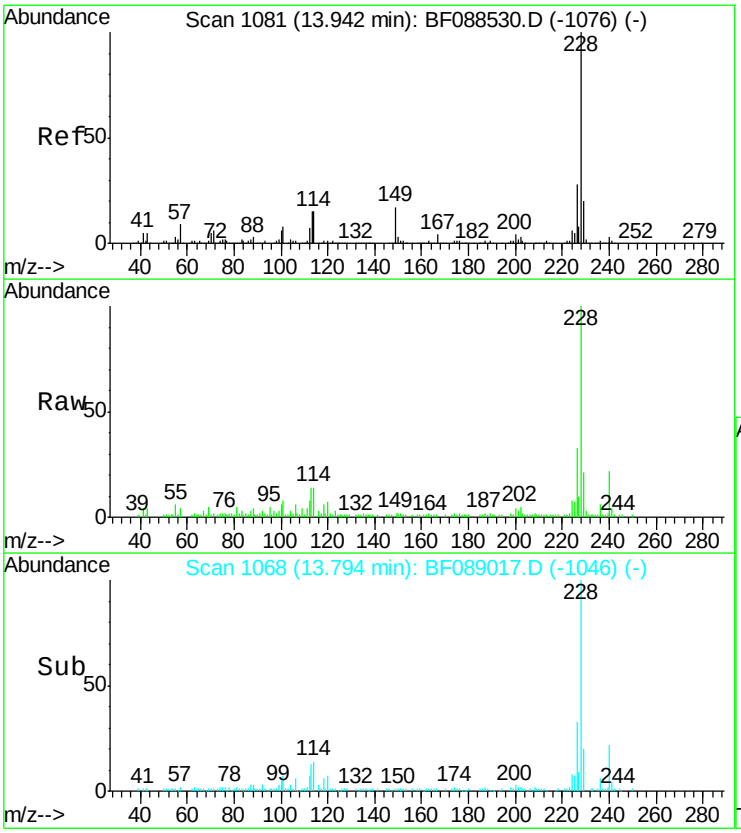
#78
Terphenyl-d14
Concen: 80.29 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:244 Resp: 412056

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.0	9.0
122	16.2	11.2	16.8

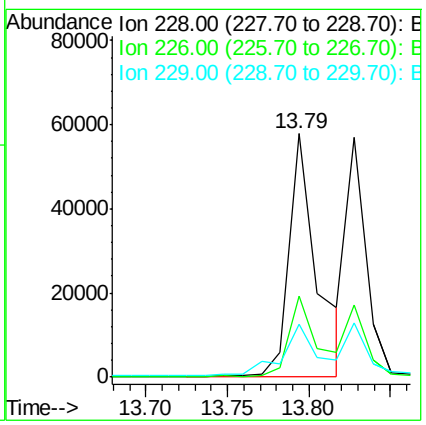


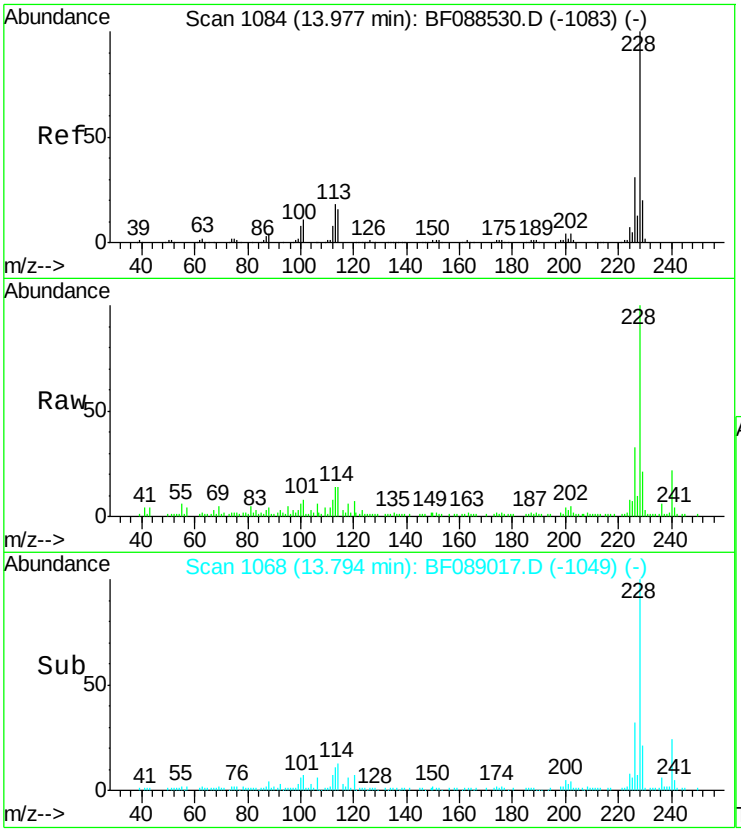


#80
Benzo(a)anthracene
Concen: 9.47 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:228 Resp: 69708

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.3	33.5
229	21.5	16.0	24.0



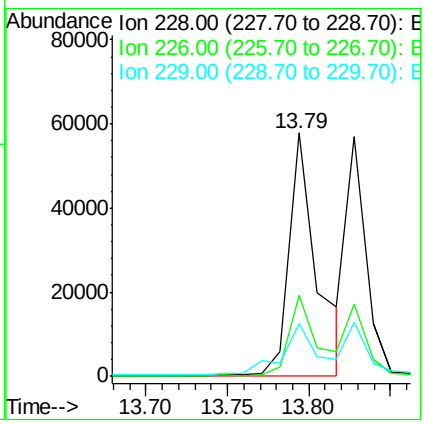


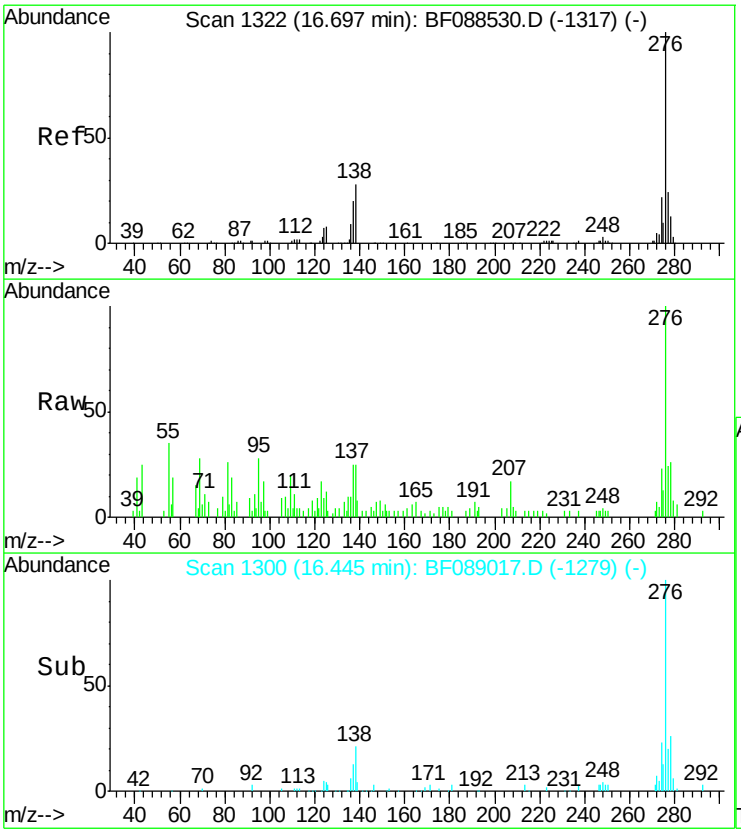
#82
Chrysene
Concen: 9.57 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.08 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:228 Resp: 69708

Ion	Ratio	Lower	Upper
228	100		
226	33.4	25.4	38.2
229	21.5	16.3	24.5

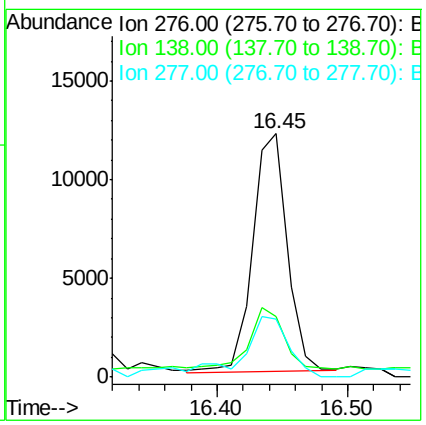


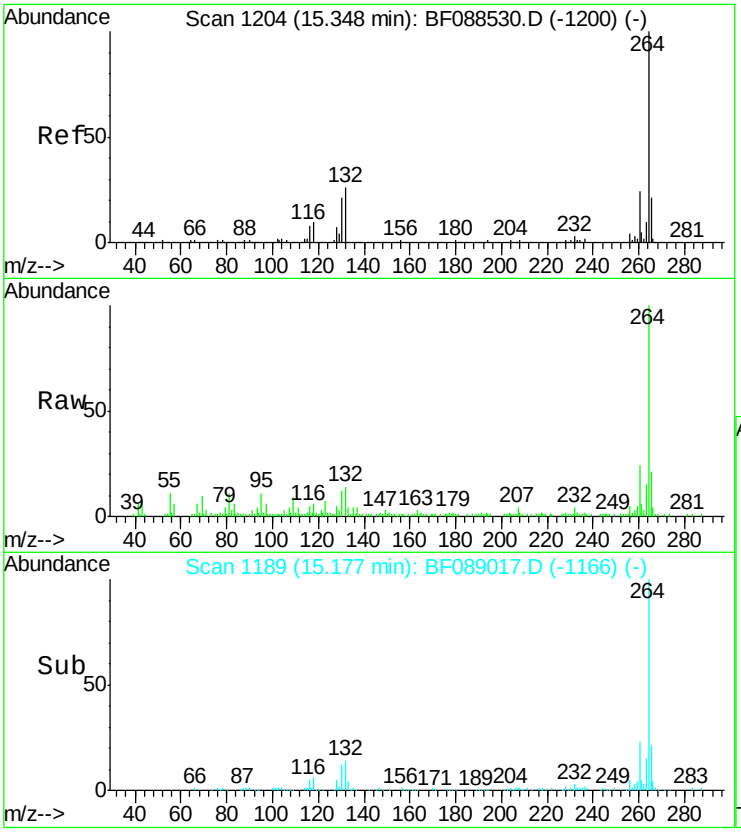


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.97 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.06 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:276 Resp: 22219

Ion	Ratio	Lower	Upper
276	100		
138	25.3	0.0	0.0#
277	38.0	0.0	0.0#



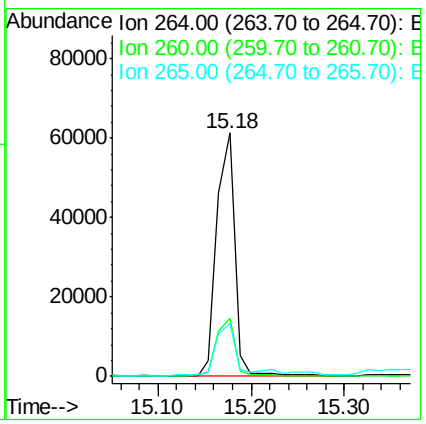


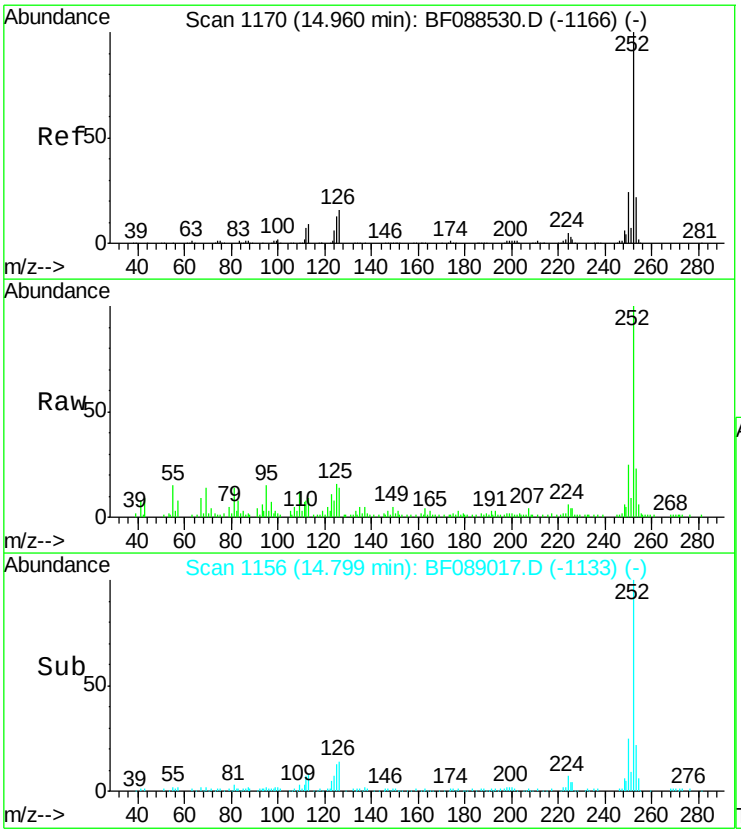
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:264 Resp: 82470

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	16.9	25.3

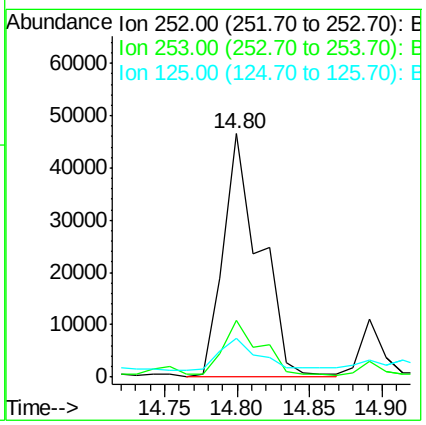


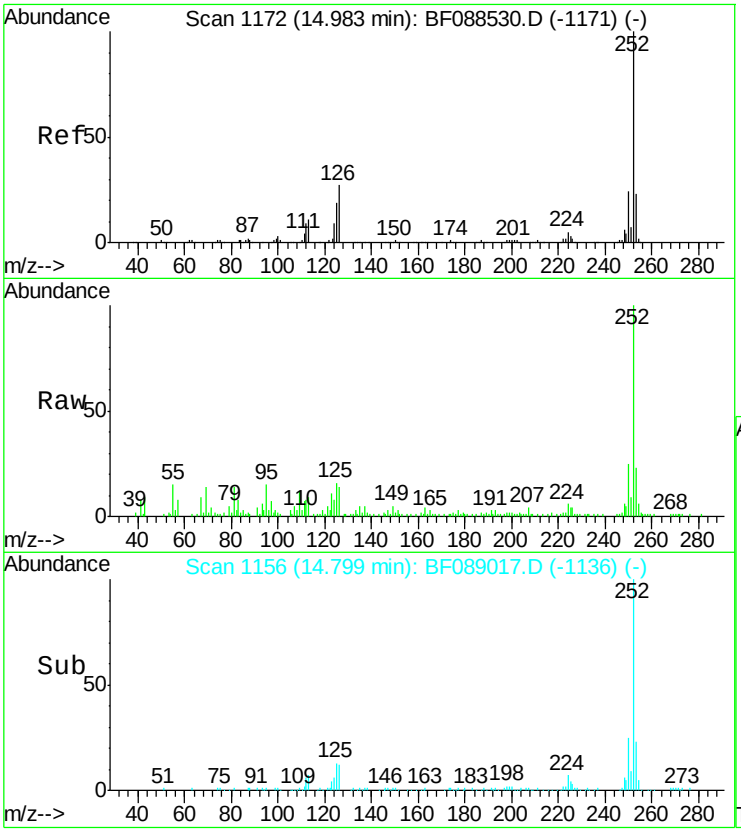


#87
Benzo(b)fluoranthene
Concen: 15.75 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:252 Resp: 81456

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	15.8	7.1	10.7#



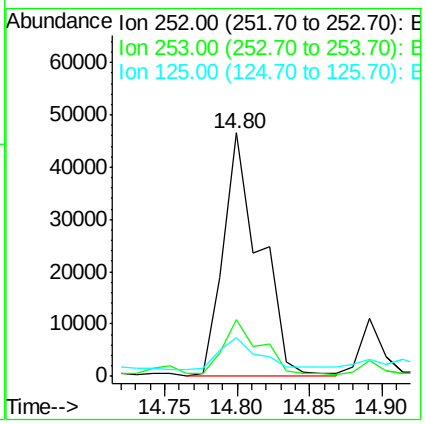


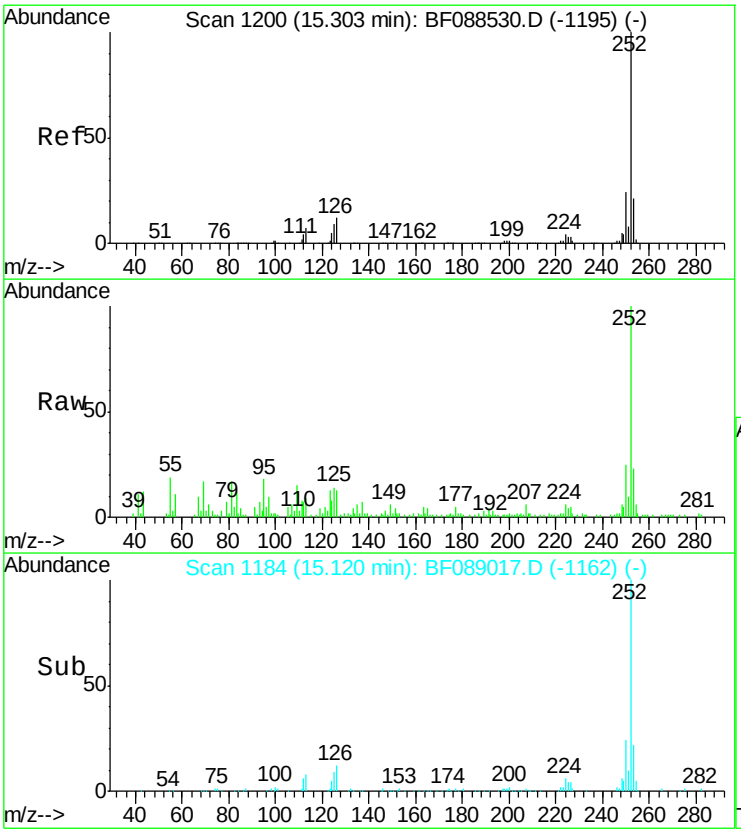
#88
Benzo(k)fluoranthene
Concen: 18.09 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:252 Resp: 81456

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.8	11.2	16.8

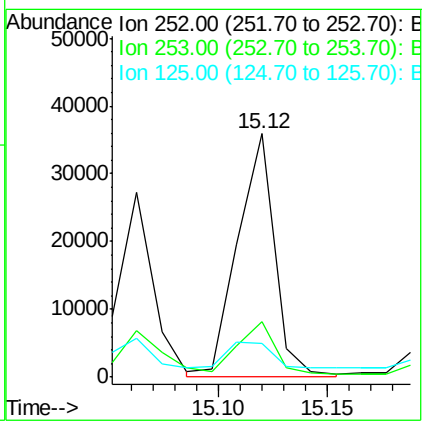


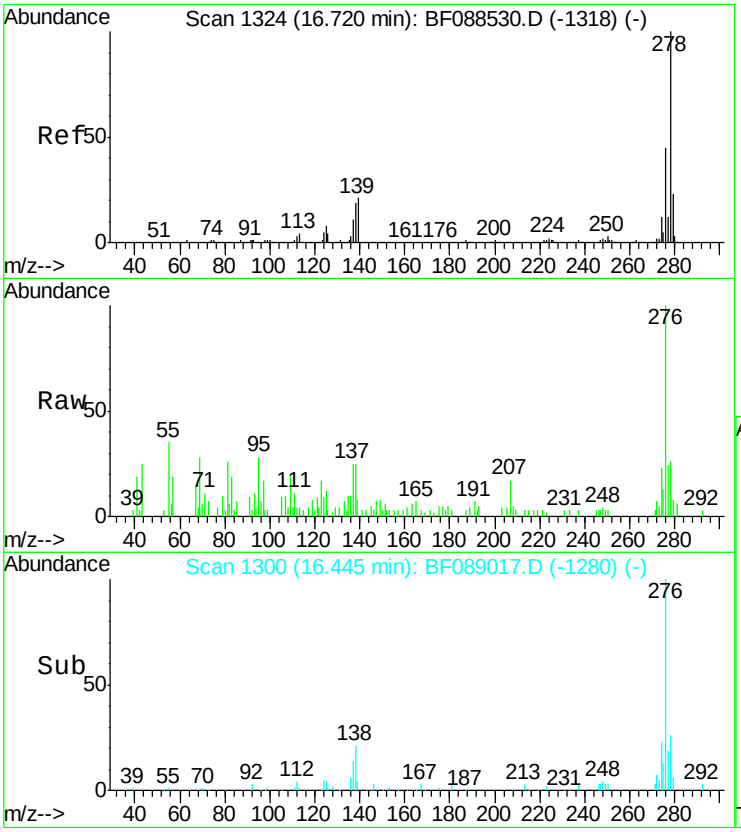


#89
Benzo(a)pyrene
Concen: 9.70 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.05 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:252 Resp: 42483

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	13.7	12.5	18.7



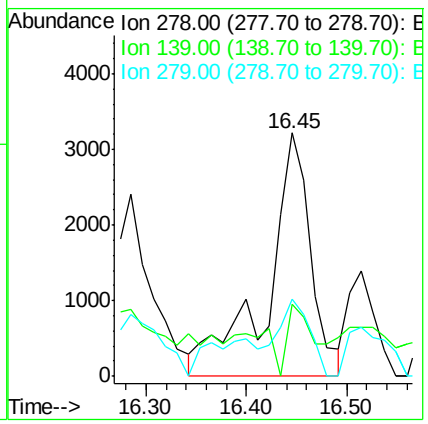


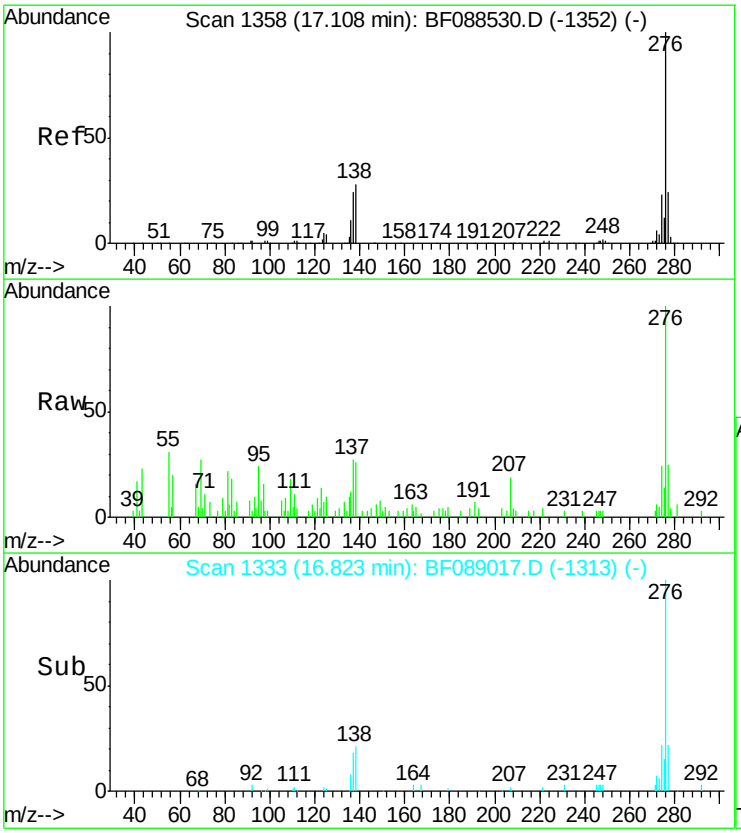
#90
Dibenzo(a,h)anthracene
Concen: 2.64 ng
RT: 16.45 min Scan# 1300
Delta R.T. -0.07 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB10(0-2ft)

Tgt Ion:278 Resp: 9652

Ion	Ratio	Lower	Upper
278	100		
139	29.6	15.7	23.5#
279	31.5	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 6.13 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.07 min
Lab File: BF089017.D
Acq: 15 Jul 2016 15:25

Tgt Ion:276 Resp: 23209

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	25.7	21.4	32.2