Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089026.D
Acq On : 15 Jul 2016 19:59
Operator : UM/SJ
Sample : H3951-14 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB05(0-2ft)

Quant Time: Jul 15 23:00:04 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	64282	20.00	ng		-0.03
21) Naphthalene-d8	7.96	136	267938	20.00	ng		-0.03
38) Acenaphthene-d10	9.71	164	109300	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	174743	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	116276	20.00	ng		-0.05
86) Perylene-d12	15.18	264	86641	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	125161	29.18	ng		-0.02
7) Phenol-d6	6.32	99	149767	27.02	ng		-0.03
23) Nitrobenzene-d5	7.23	82	92328	18.06	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	22913	22.58	ng		-0.05
44) 2-Fluorobiphenyl	9.04	172	198253	28.65	ng		-0.03
78) Terphenyl-d14	12.77	244	113013	21.65	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	12283	3.30	ng	#	78
49) Dimethylphthalate	9.44	163	49727	6.39	ng		98
50) 2,6-Dinitrotoluene	9.71	165	14150	8.20	ng	#	37
56) 2,4-Dinitrotoluene	9.71	165	14150	6.27	ng	#	36
70) Phenanthrene	11.21	178	57432	6.01	ng		98
74) Fluoranthene	12.39	202	117492	12.13	ng		97
77) Pyrene	12.62	202	100719	10.22	ng		97
80) Benzo(a)anthracene	13.79	228	57221	7.64	ng		97
82) Chrysene	13.79	228	57221	7.72	ng		98
85) Indeno(1,2,3-cd)pyrene	16.43	276	19281	3.38	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	68426	12.59	ng	#	93
88) Benzo(k)fluoranthene	14.80	252	68426	14.46	ng		98
89) Benzo(a)pyrene	15.06	252	23535	5.11	ng		97
91) Benzo(g,h,i)perylene	16.81	276	17494	4.40	ng		95

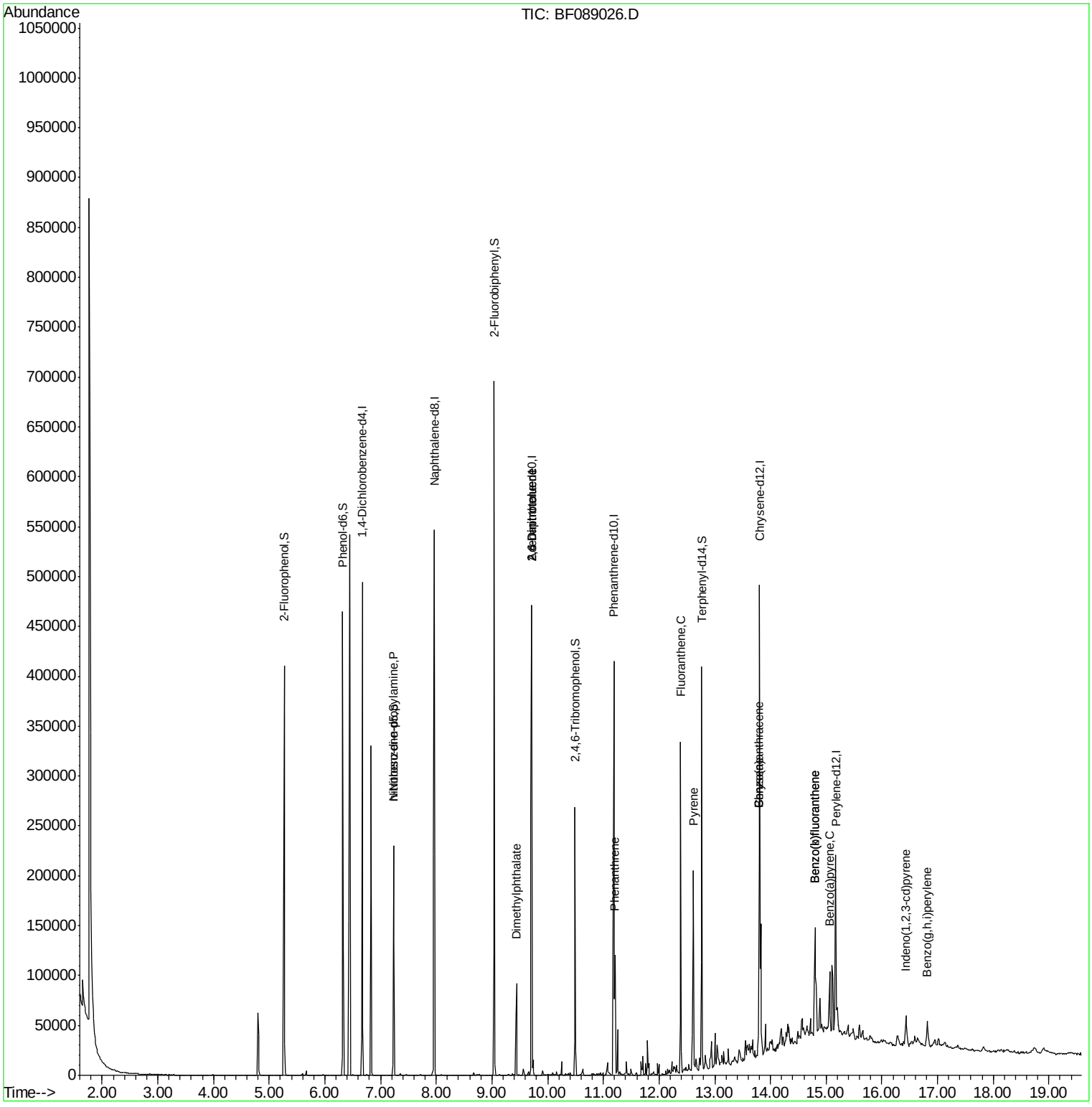
(#) = qualifier out of range (m) = manual integration (+) = signals summed

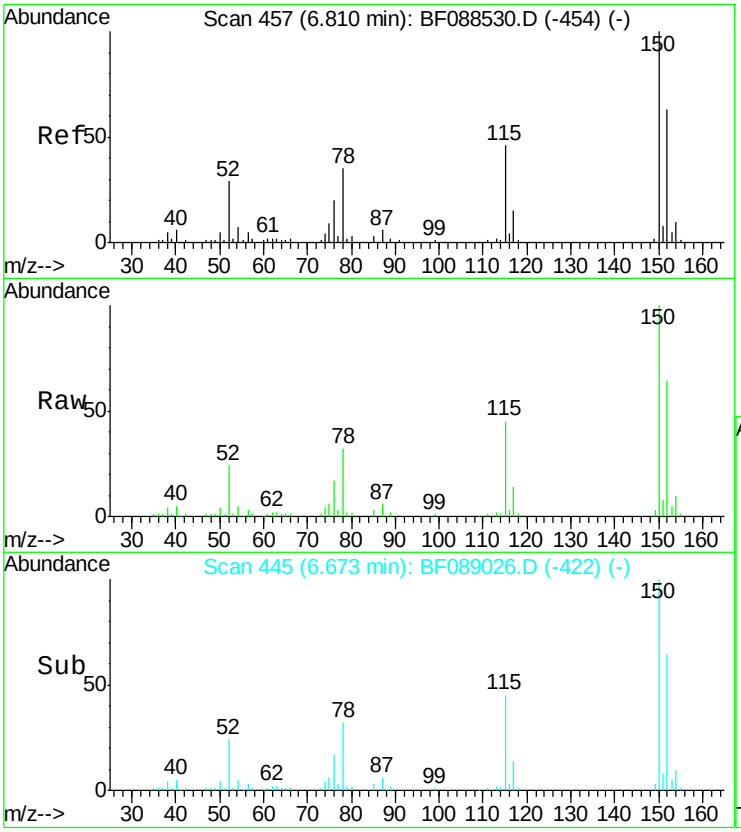
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
Data File : BF089026.D
Acq On : 15 Jul 2016 19:59
Operator : UM/SJ
Sample : H3951-14 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Quant Time: Jul 15 23:00:04 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



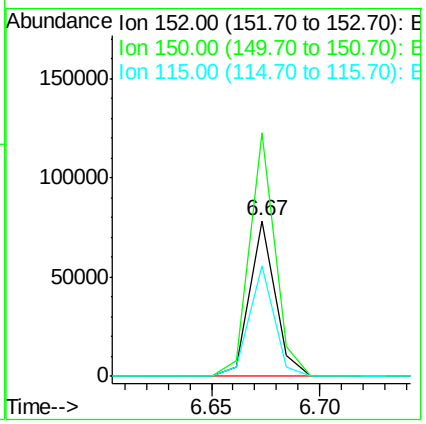


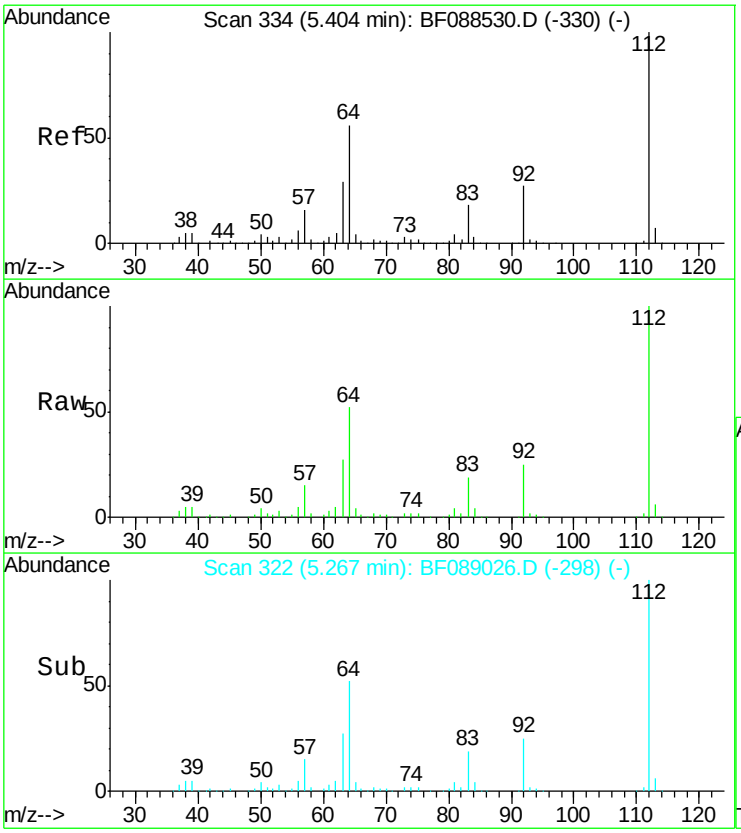
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:152 Resp: 64282

Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.8	185.6
115	70.8	39.6	59.4#

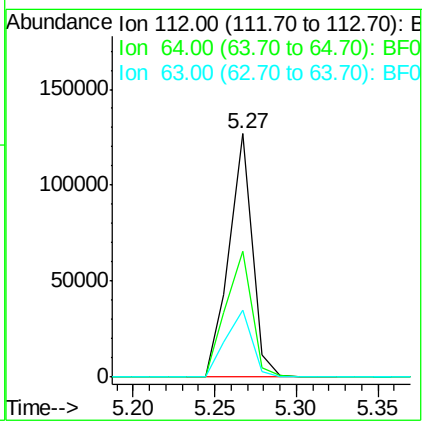


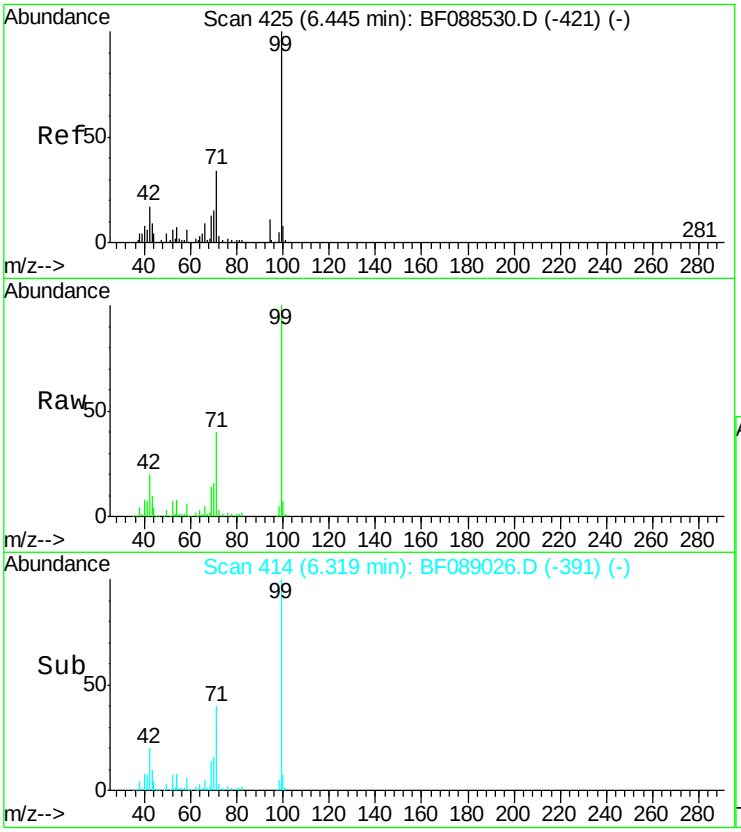


#5
2-Fluorophenol
Concen: 29.18 ng
RT: 5.27 min Scan# 322
Delta R.T. -0.02 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:112 Resp: 125161

Ion	Ratio	Lower	Upper
112	100		
64	51.7	42.2	63.2
63	27.4	21.8	32.8



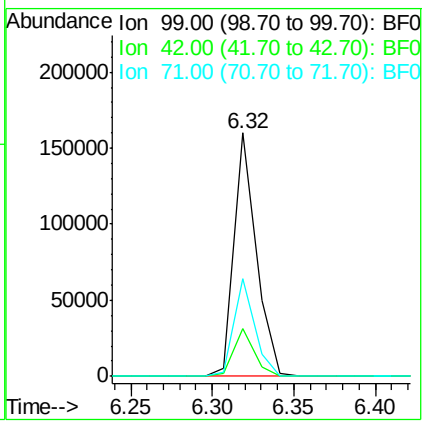


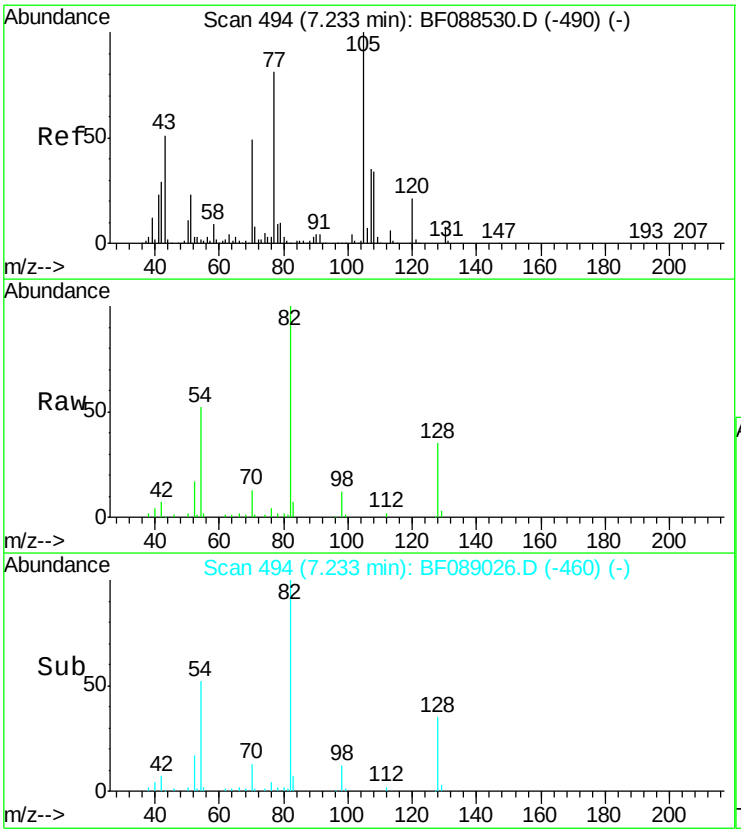
#7
Phenol-d6
Concen: 27.02 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion: 99 Resp: 149767

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.2	18.2#
71	40.1	23.4	35.0#

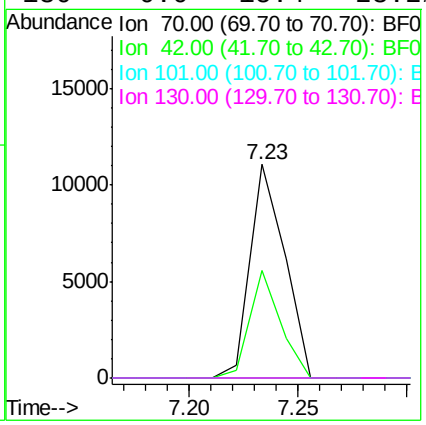


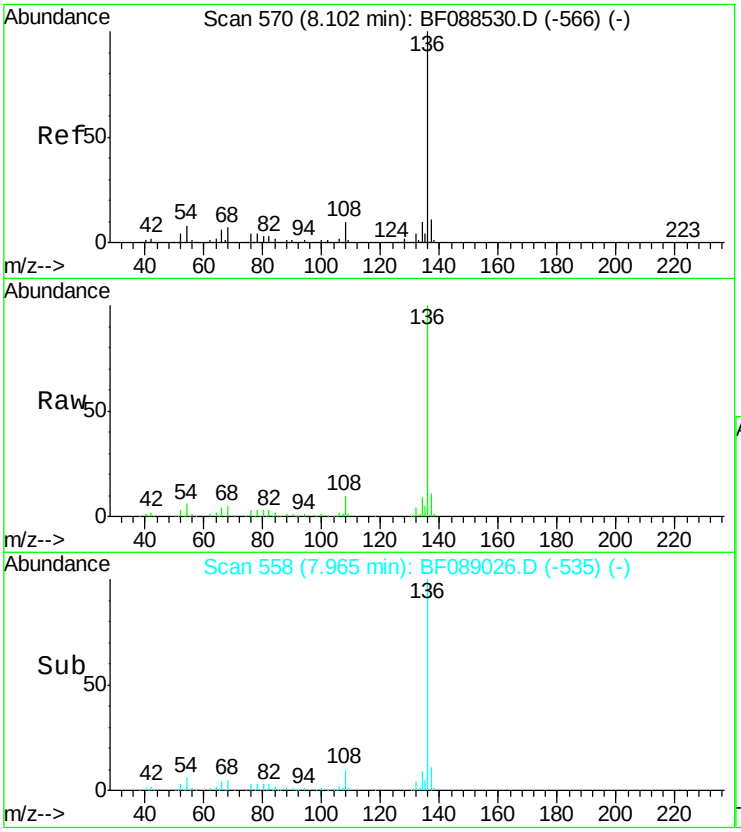


#19
n-Nitroso-di-n-propylamine
Concen: 3.30 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.09 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion: 70 Resp: 12283

Ion	Ratio	Lower	Upper
70	100		
42	50.2	49.6	74.4
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



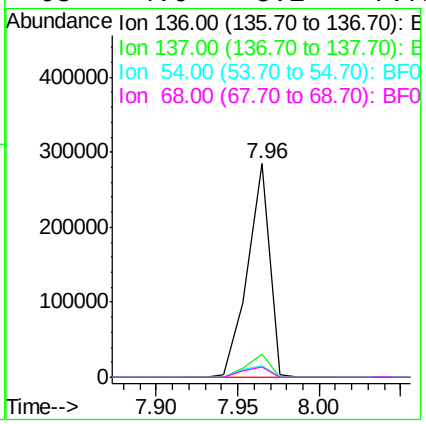


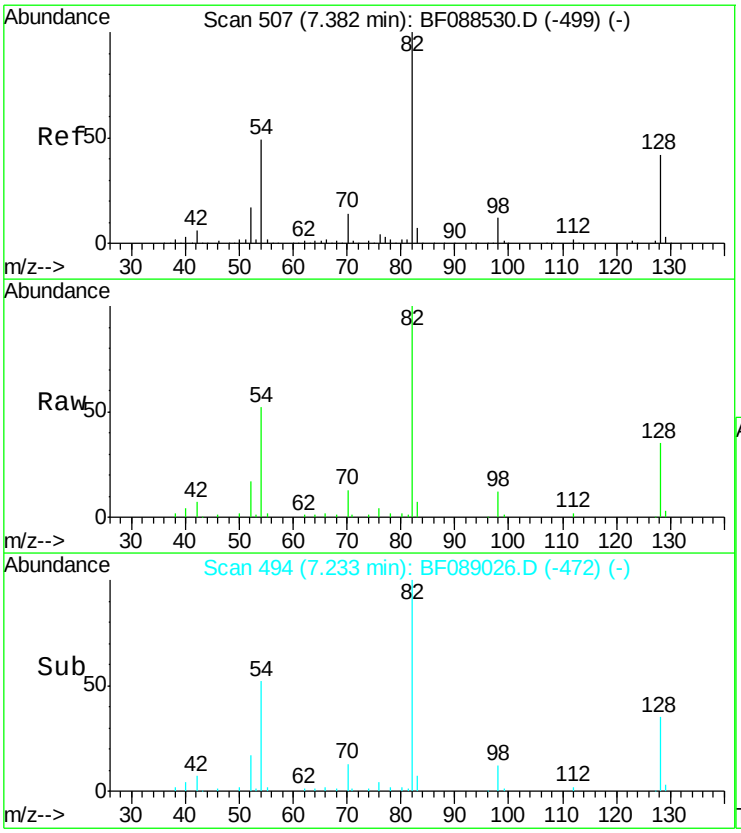
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:136 Resp: 267938

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.6	6.6	10.0#
68	4.6	5.1	7.7#

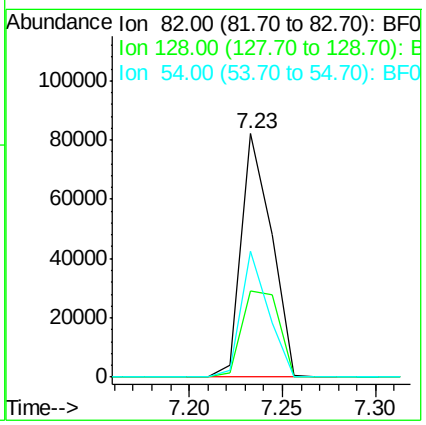


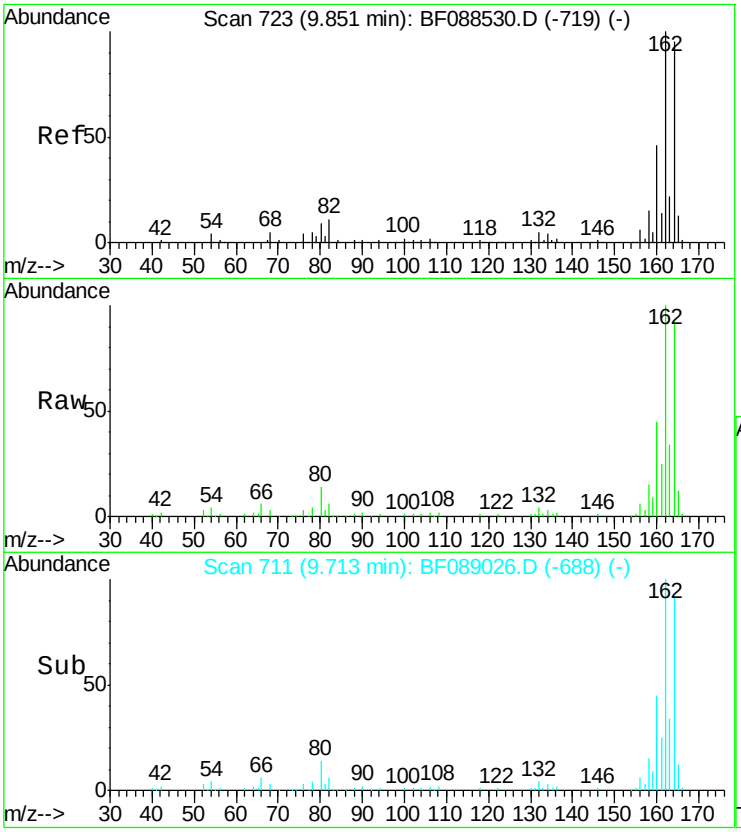


#23
Nitrobenzene-d5
Concen: 18.06 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion: 82 Resp: 92328

Ion	Ratio	Lower	Upper
82	100		
128	35.4	35.9	53.9#
54	51.9	40.9	61.3



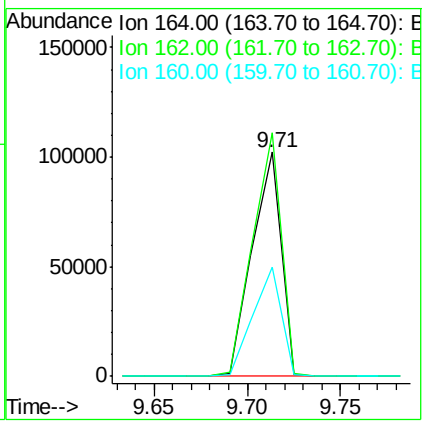


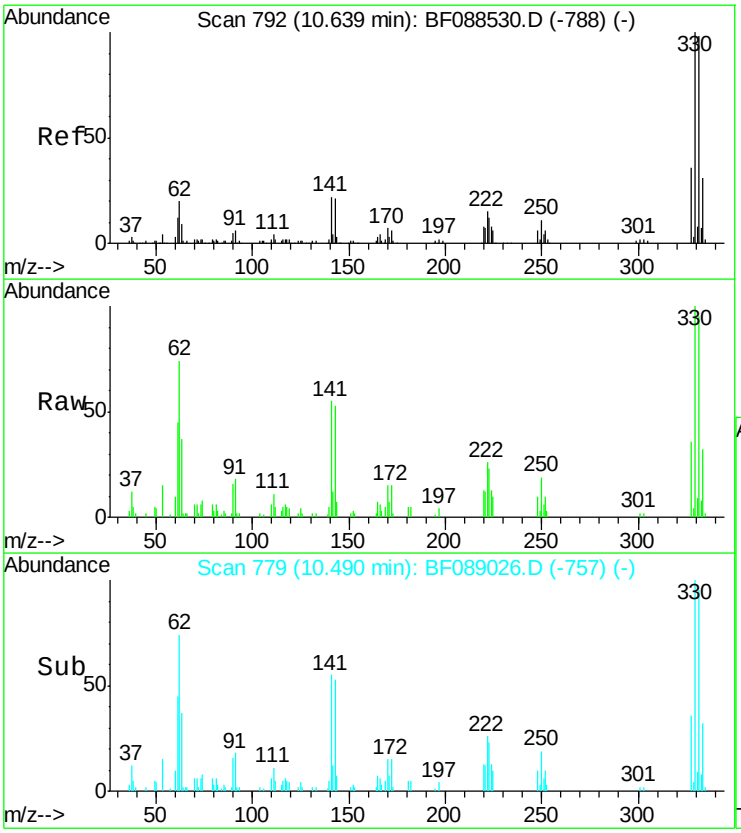
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:164 Resp: 109300

Ion	Ratio	Lower	Upper
164	100		
162	108.8	85.4	128.2
160	49.0	39.5	59.3

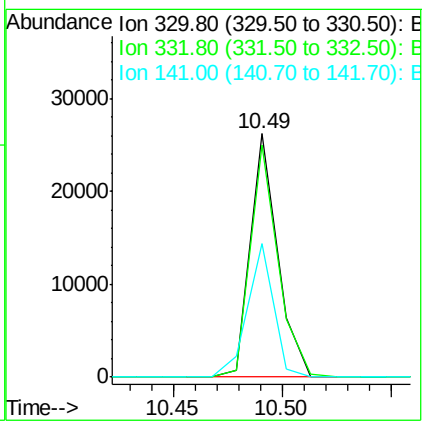


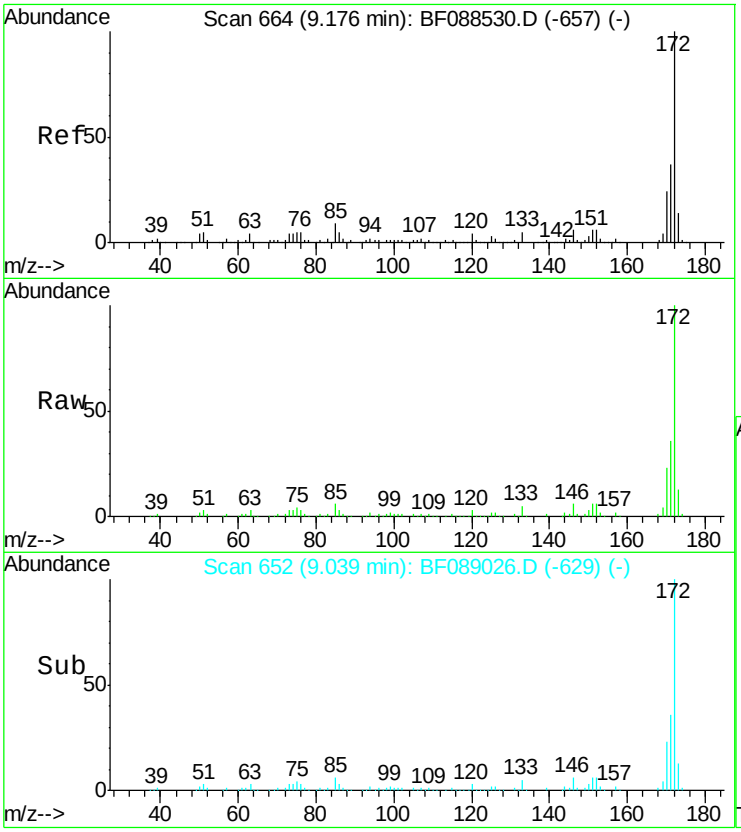


#41
2,4,6-Tribromophenol
Concen: 22.58 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:330 Resp: 22913

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	52.6	0.0	0.0#



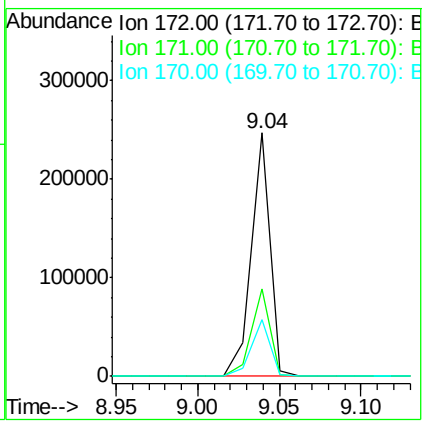


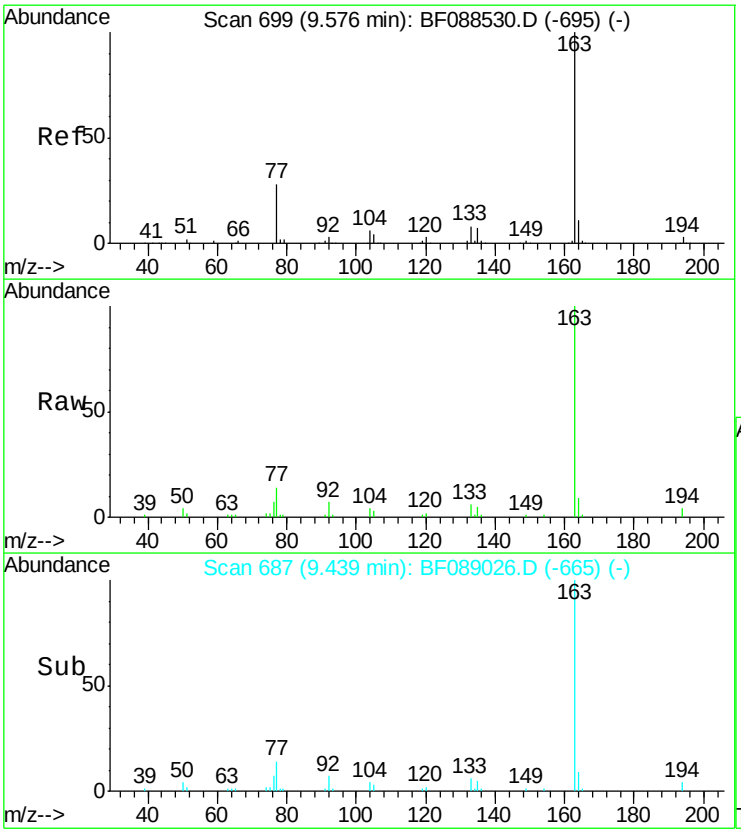
#44
2-Fluorobiphenyl
Concen: 28.65 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:172 Resp: 198253

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.1	19.2	28.8

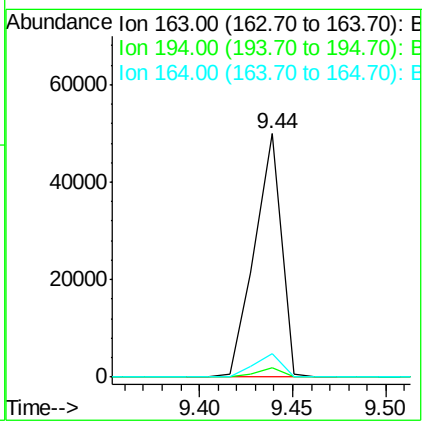


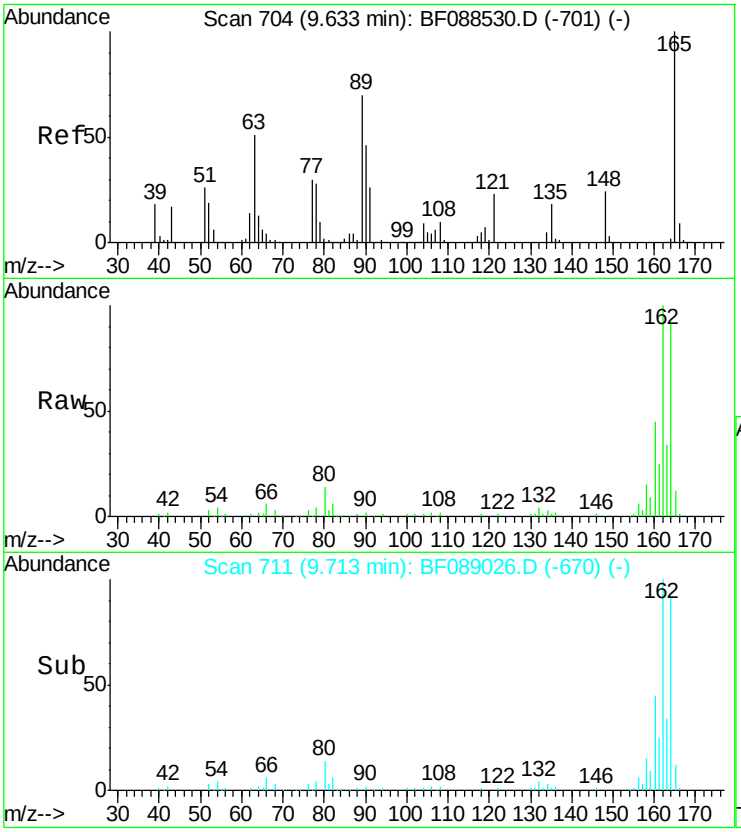


#49
Dimethylphthalate
Concen: 6.39 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:163 Resp: 49727

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.4	8.3	12.5



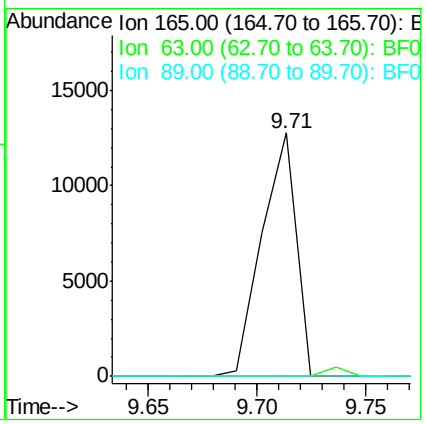


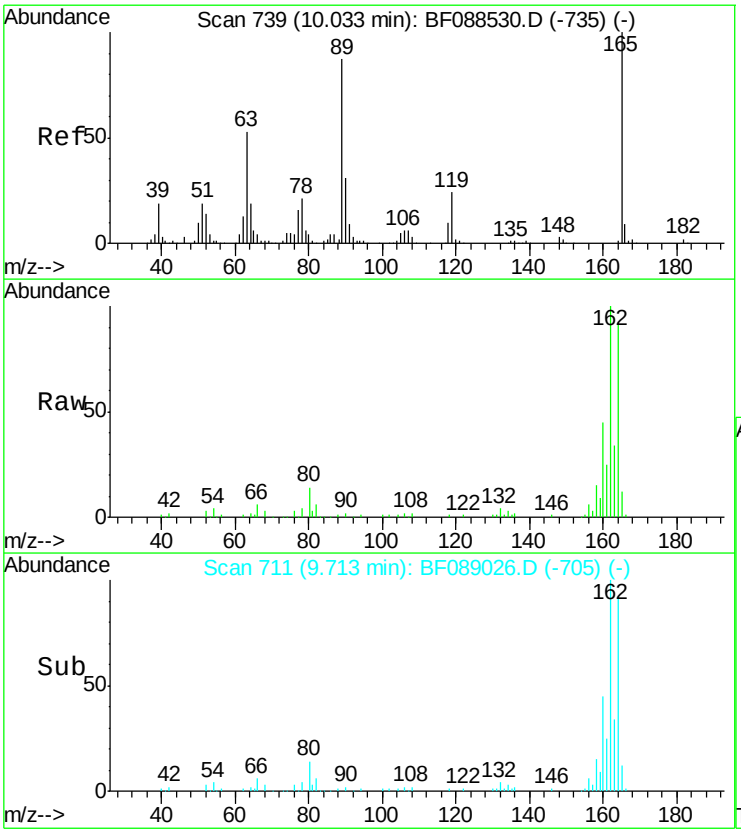
#50
2,6-Dinitrotoluene
Concen: 8.20 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.17 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:165 Resp: 14150

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

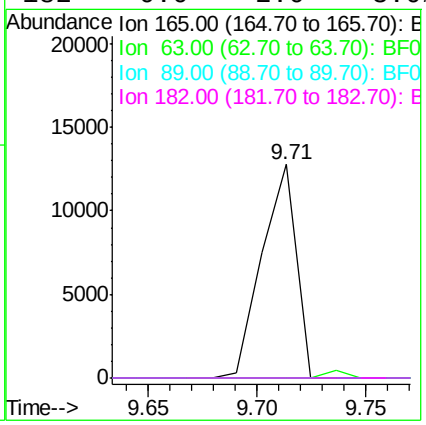


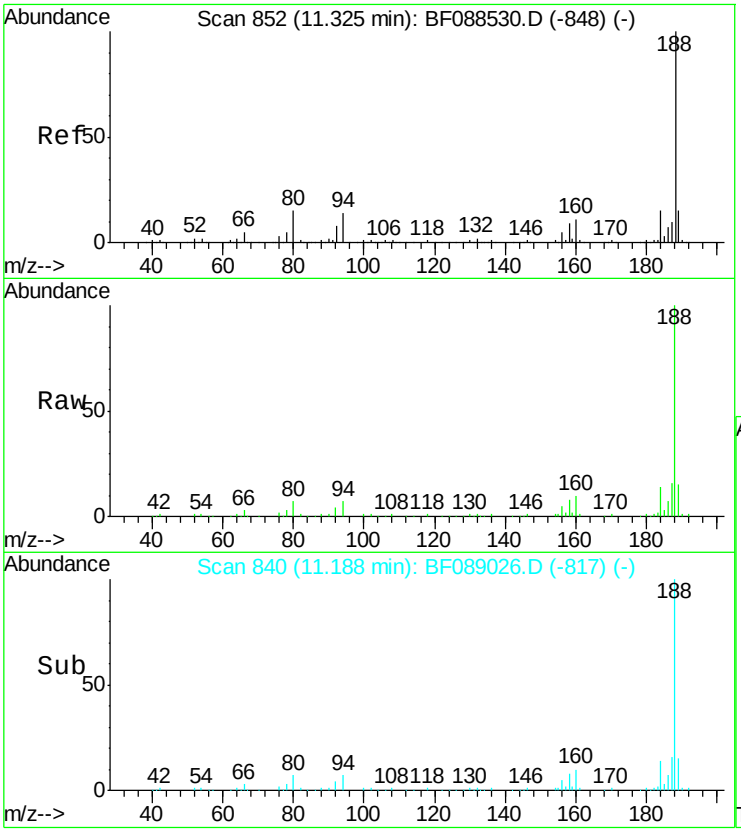


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:165 Resp: 14150

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#



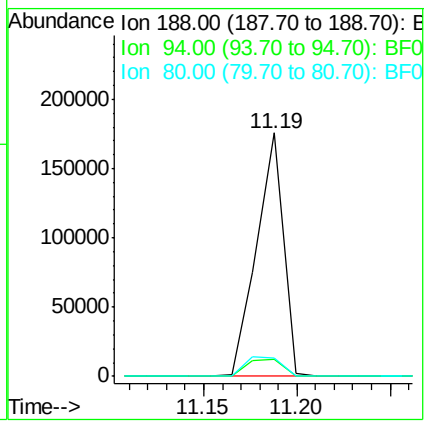


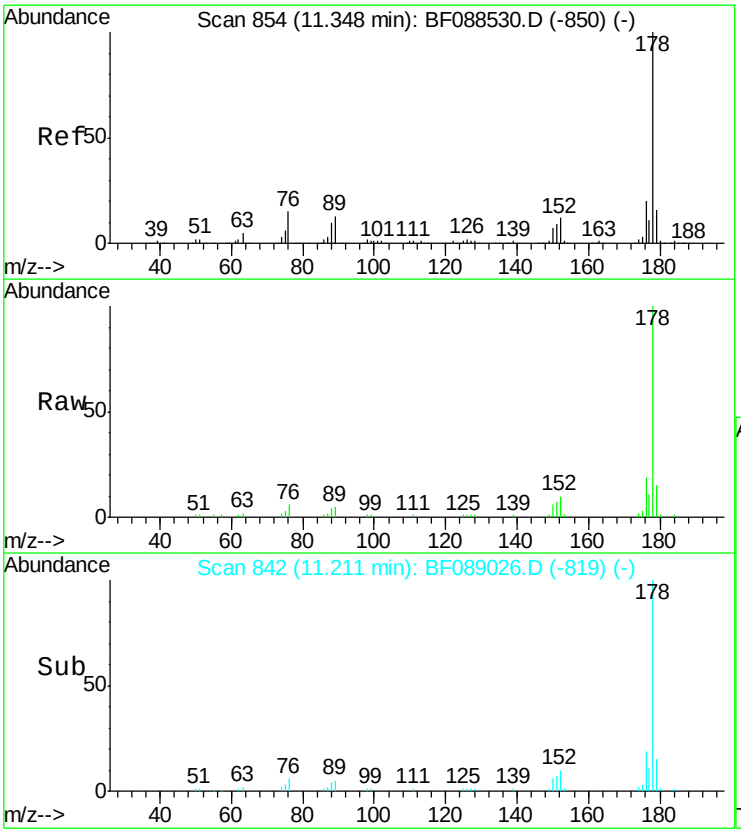
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:188 Resp: 174743

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.0	13.6#
80	7.4	10.0	15.0#

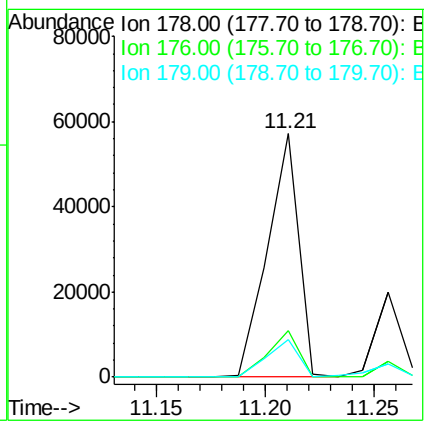


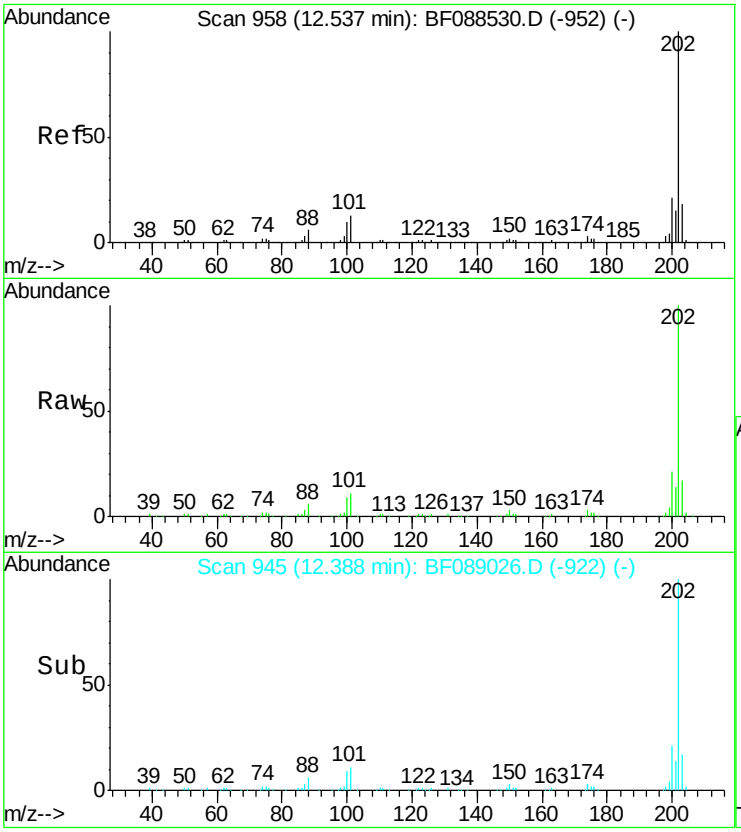


#70
Phenanthrene
Concen: 6.01 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:178 Resp: 57432

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.3	13.0	19.4



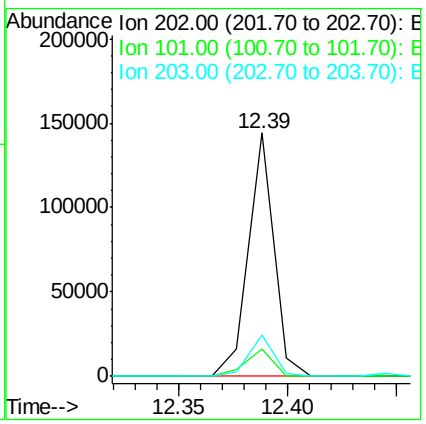


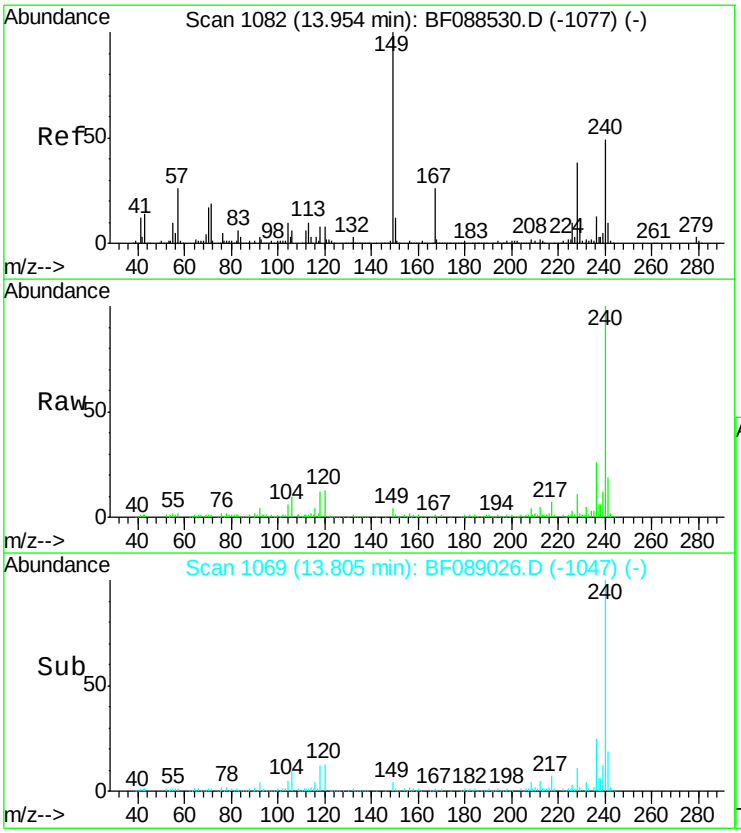
#74
Fluoranthene
Concen: 12.13 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:202 Resp: 117492

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.1
203	17.1	0.0	38.1

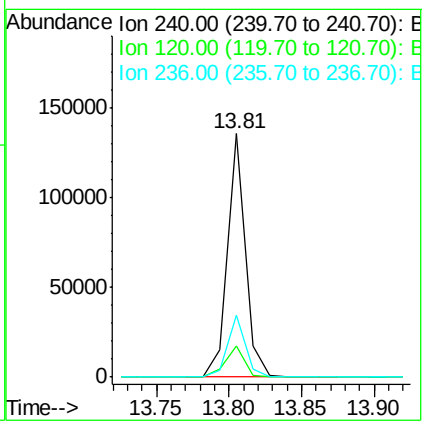


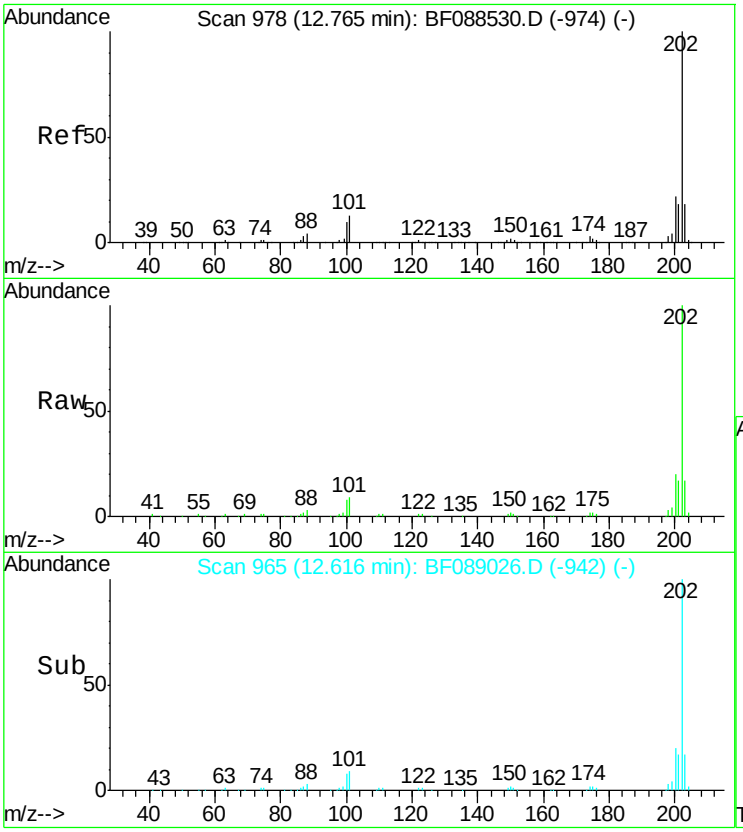


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.05 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:240 Resp: 116276

Ion	Ratio	Lower	Upper
240	100		
120	12.7	6.8	10.2#
236	25.6	20.2	30.2



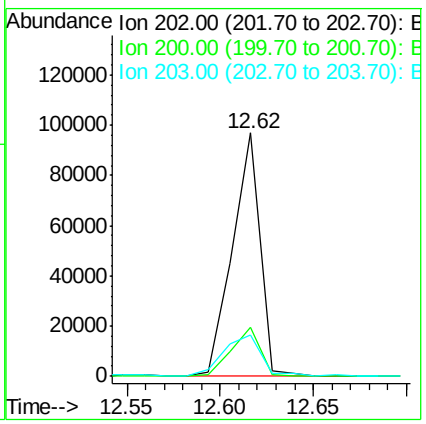


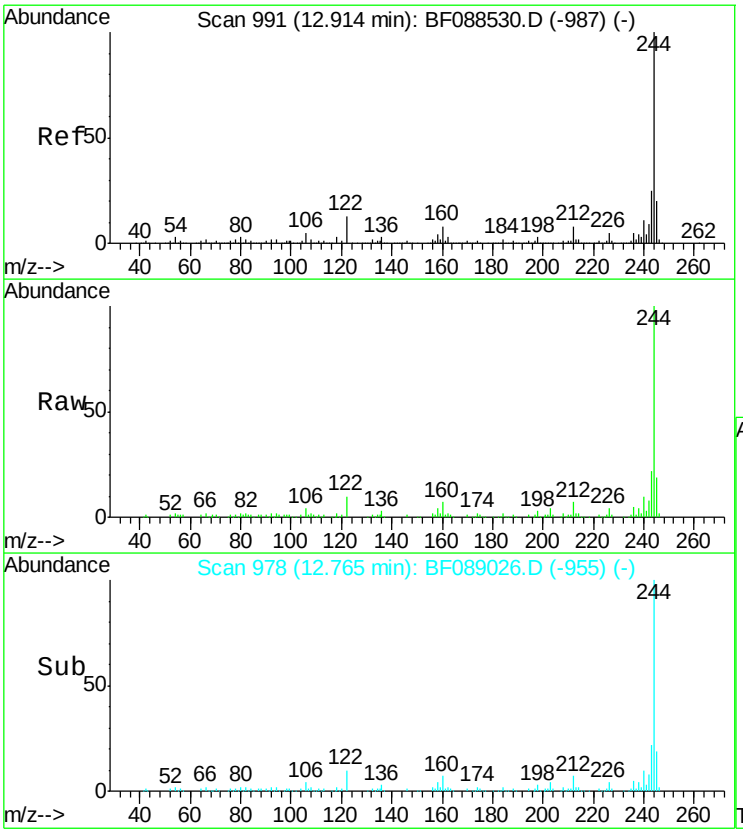
#77
Pyrene
Concen: 10.22 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:202 Resp: 100719

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.4	26.2
203	16.8	14.5	21.7

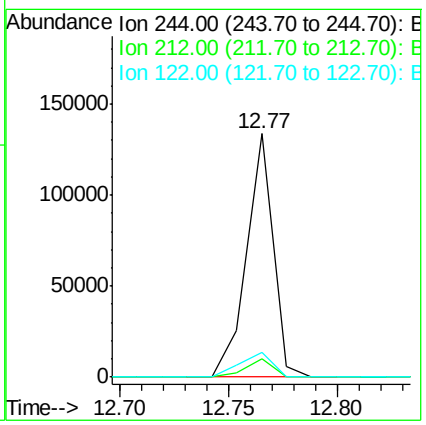


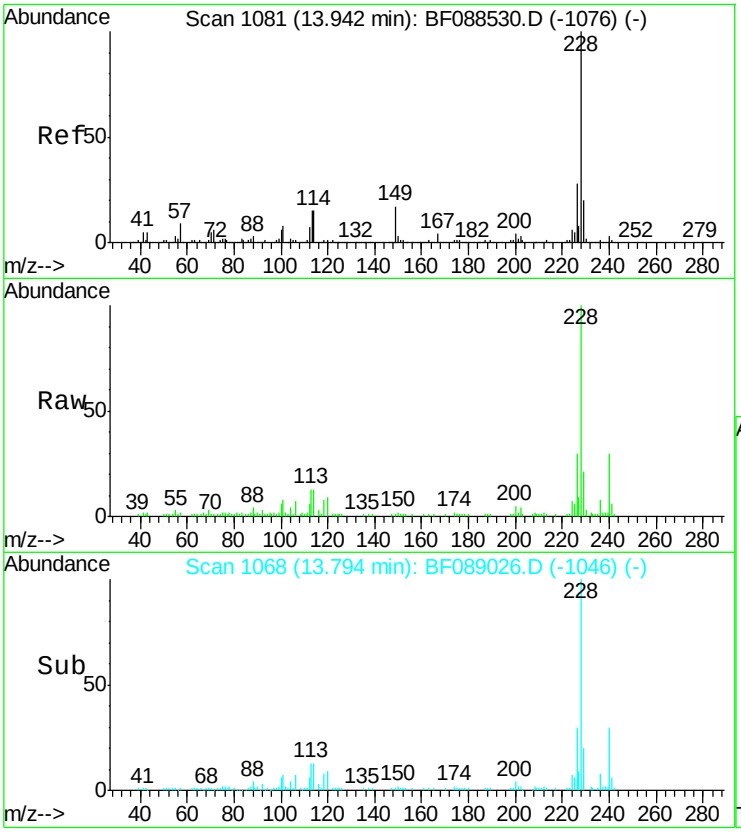


#78
Terphenyl-d14
Concen: 21.65 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:244 Resp: 113013

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	10.3	11.2	16.8#



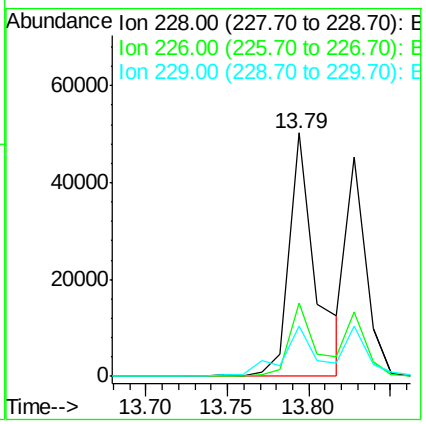


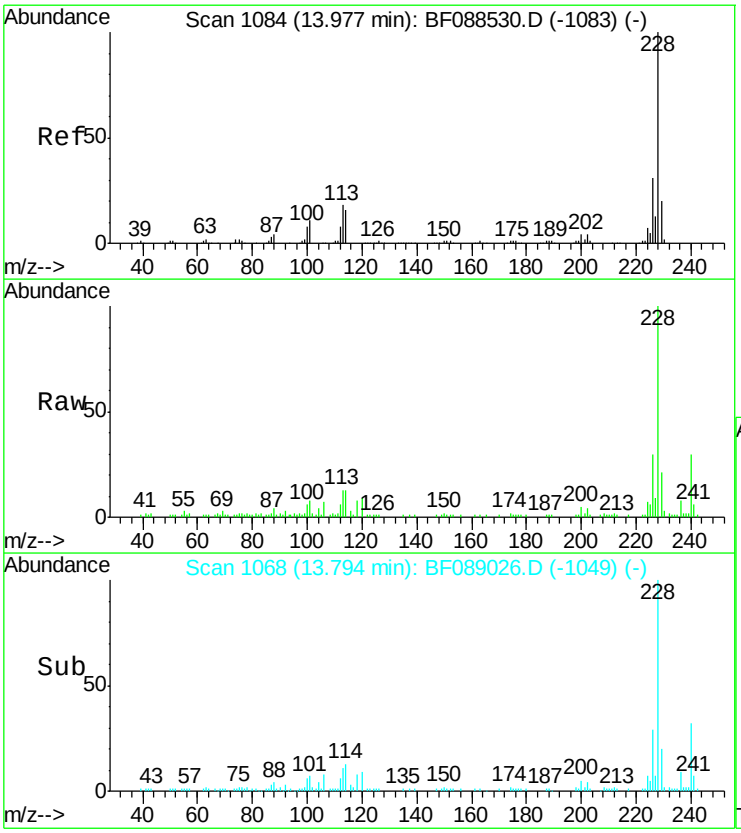
#80
Benzo(a)anthracene
Concen: 7.64 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:228 Resp: 57221

Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.3	33.5
229	20.5	16.0	24.0

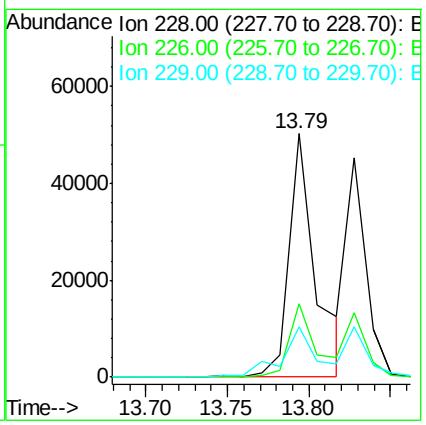


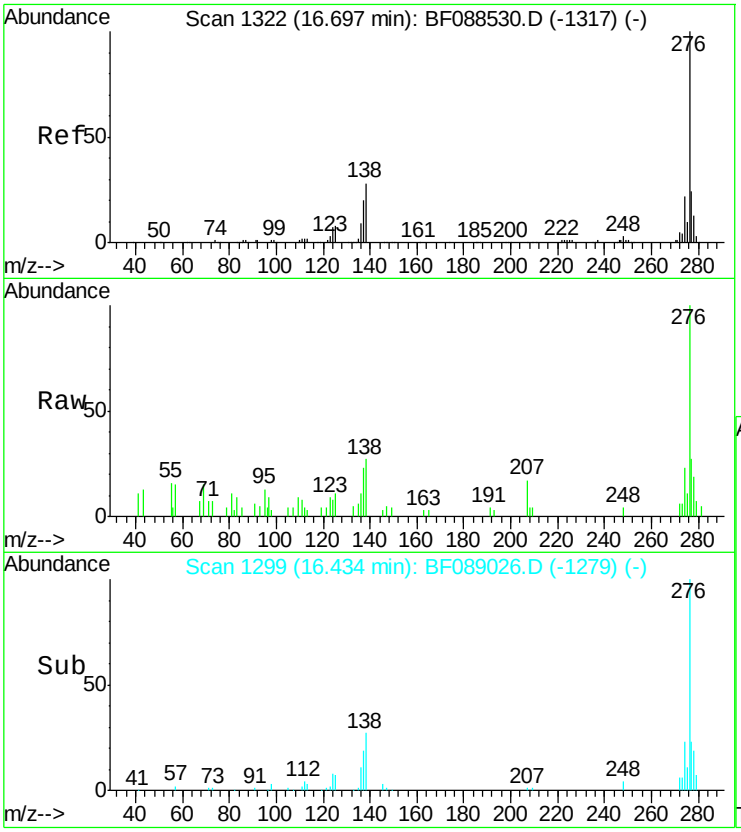


#82
Chrysene
Concen: 7.72 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.08 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:228 Resp: 57221

Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.4	38.2
229	20.5	16.3	24.5



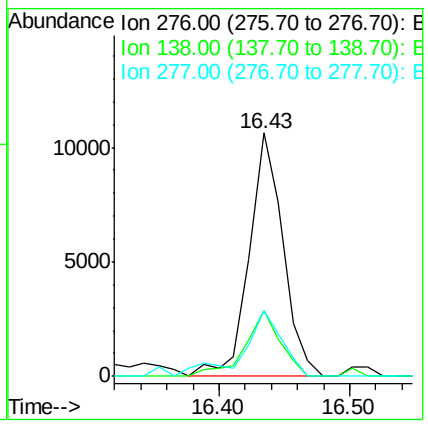


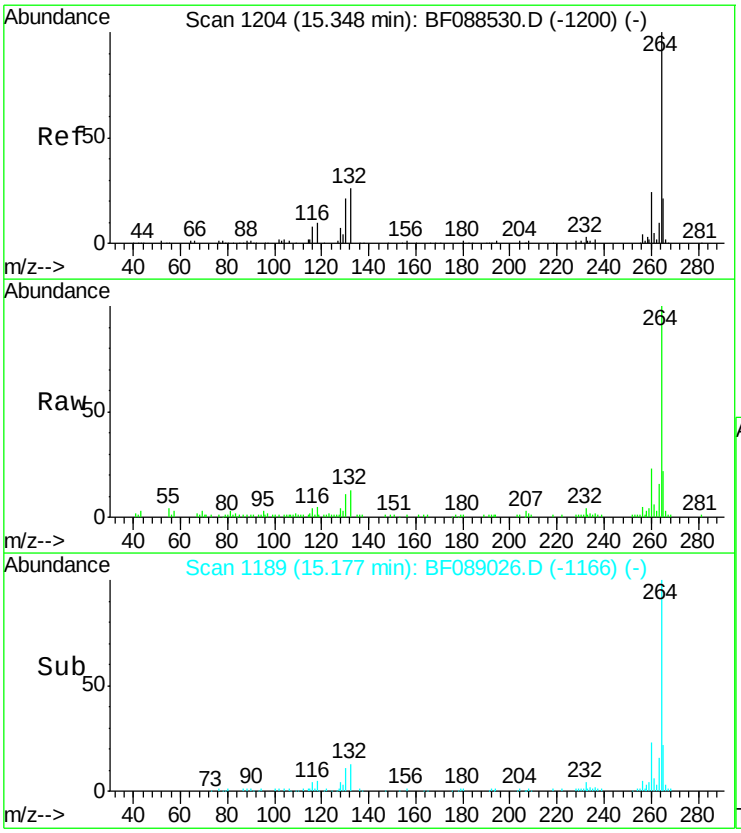
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.38 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.07 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:276 Resp: 19281

Ion	Ratio	Lower	Upper
276	100		
138	28.2	0.0	0.0#
277	31.9	0.0	0.0#

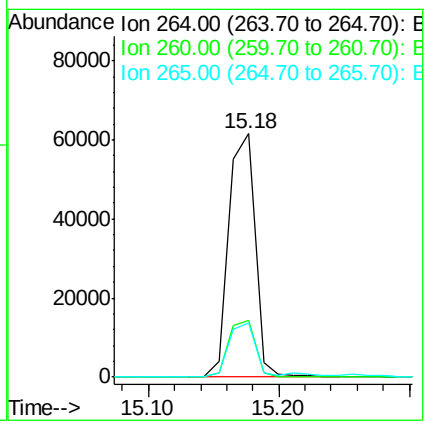


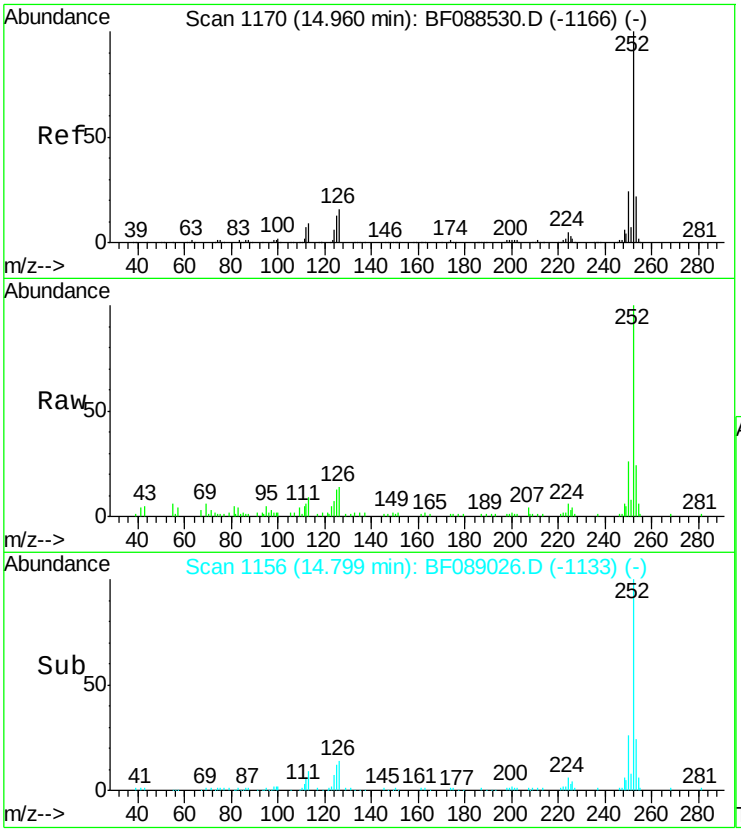


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:264 Resp: 86641

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.1	16.9	25.3



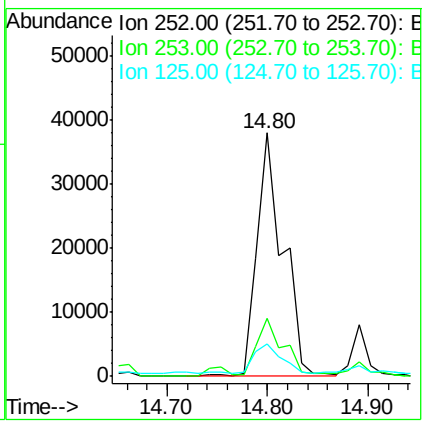


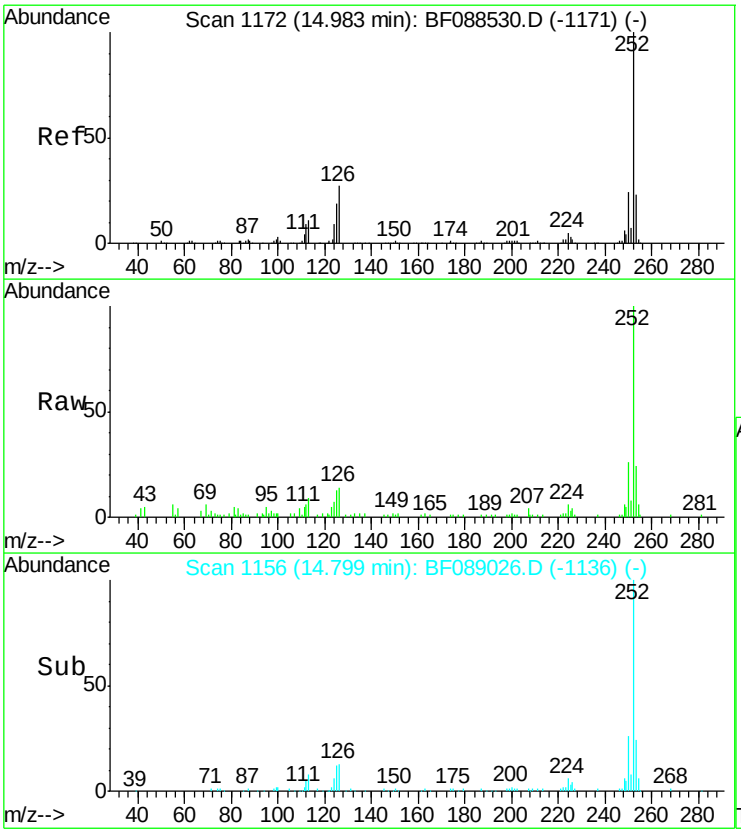
#87
Benzo(b)fluoranthene
Concen: 12.59 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:252 Resp: 68426

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	13.4	7.1	10.7#

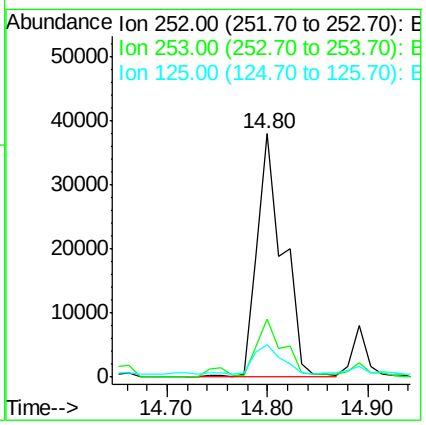


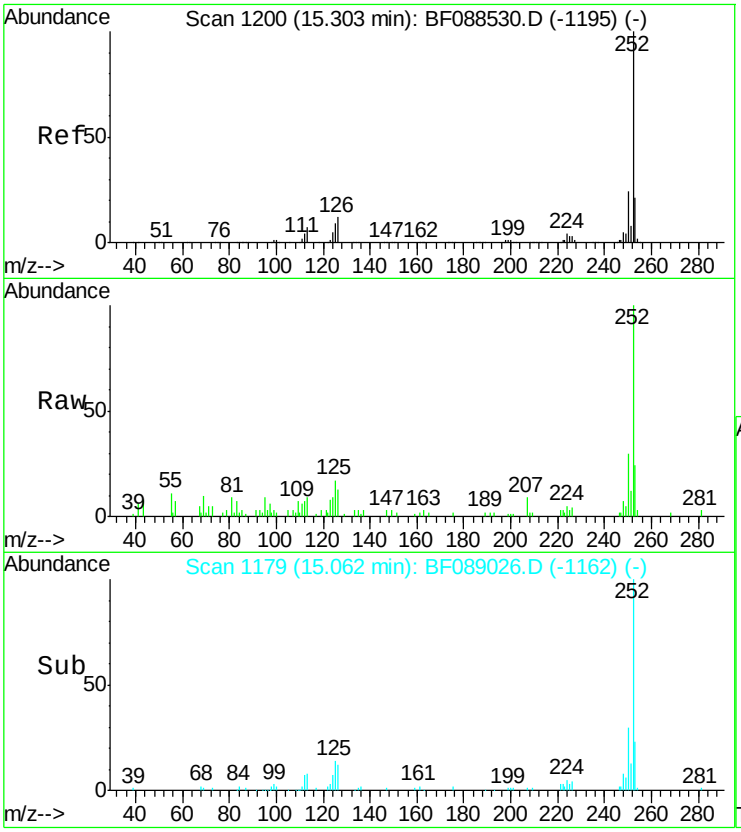


#88
Benzo(k)fluoranthene
Concen: 14.46 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.07 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:252 Resp: 68426

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	13.4	11.2	16.8



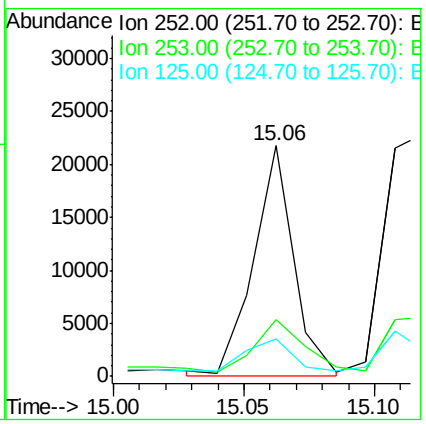


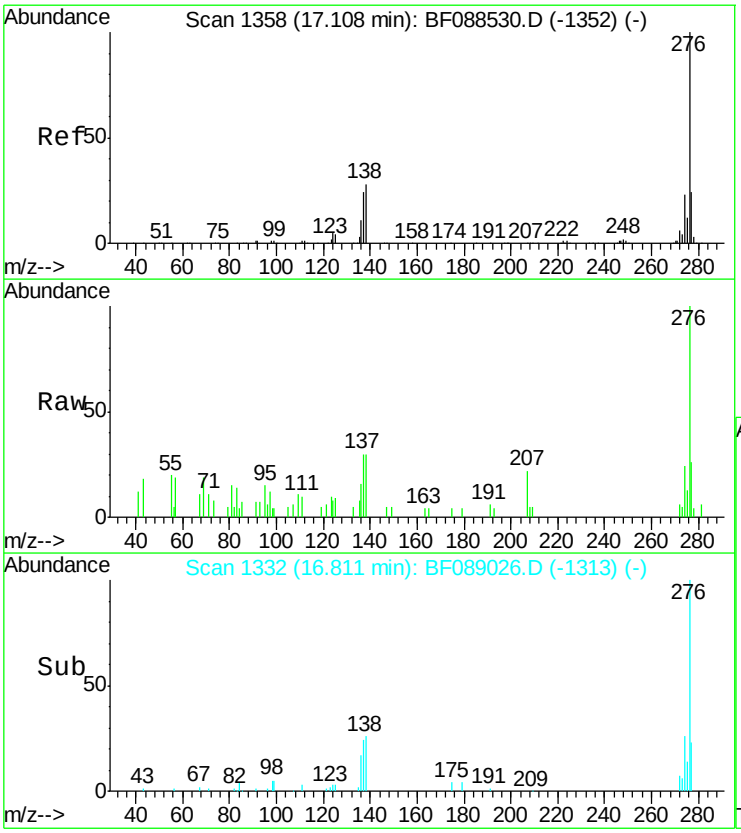
#89
Benzo(a)pyrene
Concen: 5.11 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.10 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB05(0-2ft)

Tgt Ion:252 Resp: 23535

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	16.5	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 4.40 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.08 min
Lab File: BF089026.D
Acq: 15 Jul 2016 19:59

Tgt Ion:276 Resp: 17494

Ion	Ratio	Lower	Upper
276	100		
277	25.6	18.9	28.3
138	29.7	21.4	32.2