Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089060.D
Acq On : 16 Jul 2016 17:42
Operator : UM/SJ
Sample : H3989-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 18 01:15:34 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	6.66	152	52560	20.00	ng		-0.05
21) Naphthalene-d8	7.95	136	206441	20.00	ng		-0.05
38) Acenaphthene-d10	9.70	164	80664	20.00	ng		-0.05
63) Phenanthrene-d10	11.18	188	128481	20.00	ng		-0.05
75) Chrysene-d12	13.82	240	91924	20.00	ng		-0.03
86) Perylene-d12	15.21	264	65224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	338652	96.56	ng		-0.03
7) Phenol-d6	6.32	99	408813	90.22	ng		-0.03
23) Nitrobenzene-d5	7.23	82	275729	69.99	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	56192	75.02	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	366393	71.75	ng		-0.05
78) Terphenyl-d14	12.76	244	248237	60.15	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	38807	12.75	ng	#	72
25) Isophorone	7.23	82	206754	28.33	ng	#	65
49) Dimethylphthalate	9.43	163	94525	16.45	ng		100
56) 2,4-Dinitrotoluene	9.70	165	10836	6.51	ng	#	36
66) 4-Bromophenyl-phenylether	10.49	248	4810	3.71	ng	#	1
70) Phenanthrene	11.20	178	65263	9.29	ng		99
71) Anthracene	11.26	178	16522	2.37	ng		99
74) Fluoranthene	12.39	202	139048	19.53	ng		98
77) Pyrene	12.62	202	127423	16.35	ng		98
80) Benzo(a)anthracene	13.81	228	71907	12.15	ng	#	90
82) Chrysene	13.81	228	71907	12.28	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.51	276	33926	7.53	ng	#	100
87) Benzo(b)fluoranthene	14.82	252	94982	23.21	ng	#	62
88) Benzo(k)fluoranthene	14.82	252	94982	26.67	ng	#	67
89) Benzo(a)pyrene	15.15	252	50124	14.47	ng	#	75
90) Dibenzo(a,h)anthracene	16.53	278	9854	3.41	ng	#	12
91) Benzo(g,h,i)perylene	16.91	276	32875	10.98	ng	#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089060.D
Acq On : 16 Jul 2016 17:42
Operator : UM/SJ
Sample : H3989-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 18 01:15:34 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
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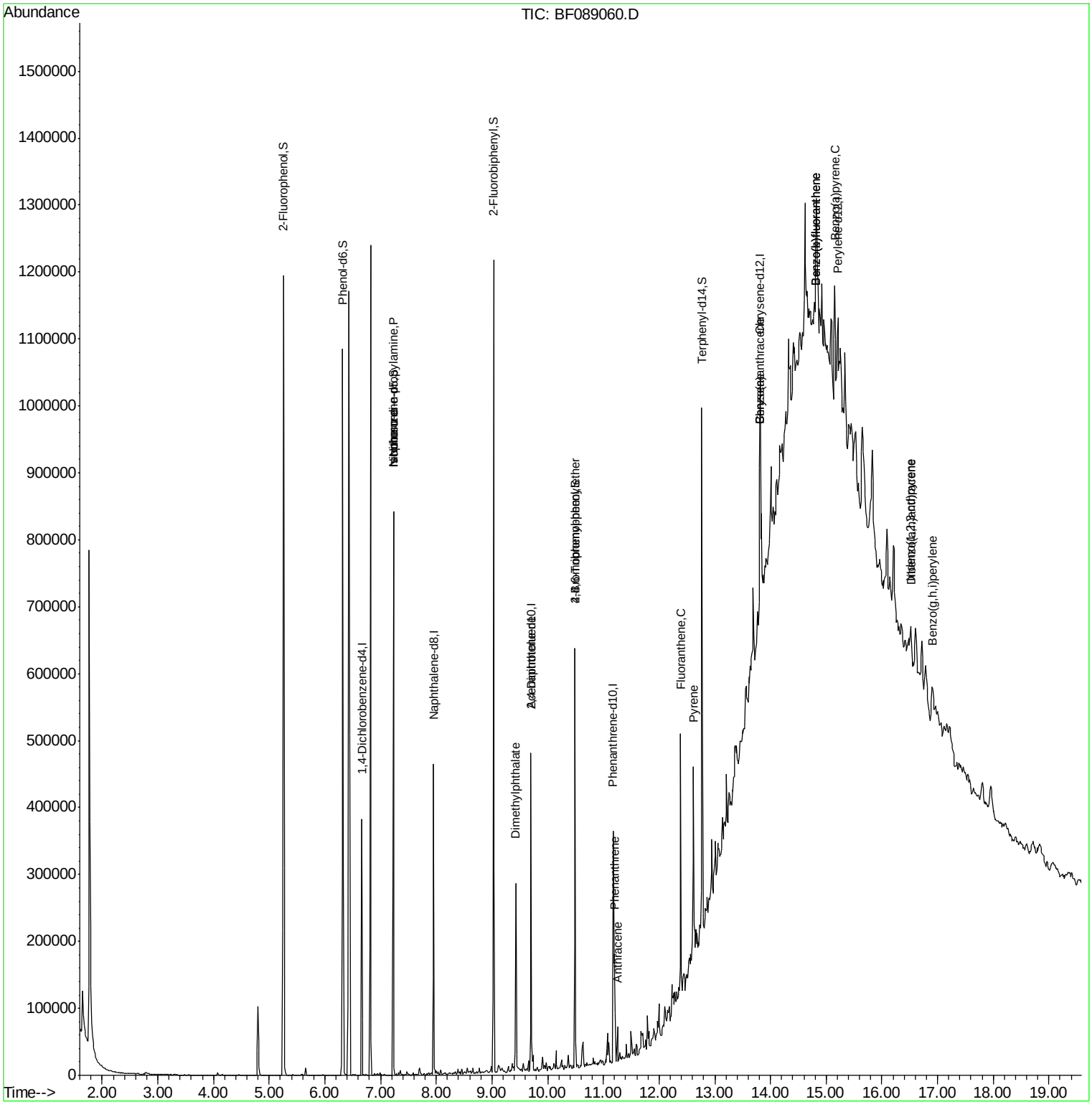
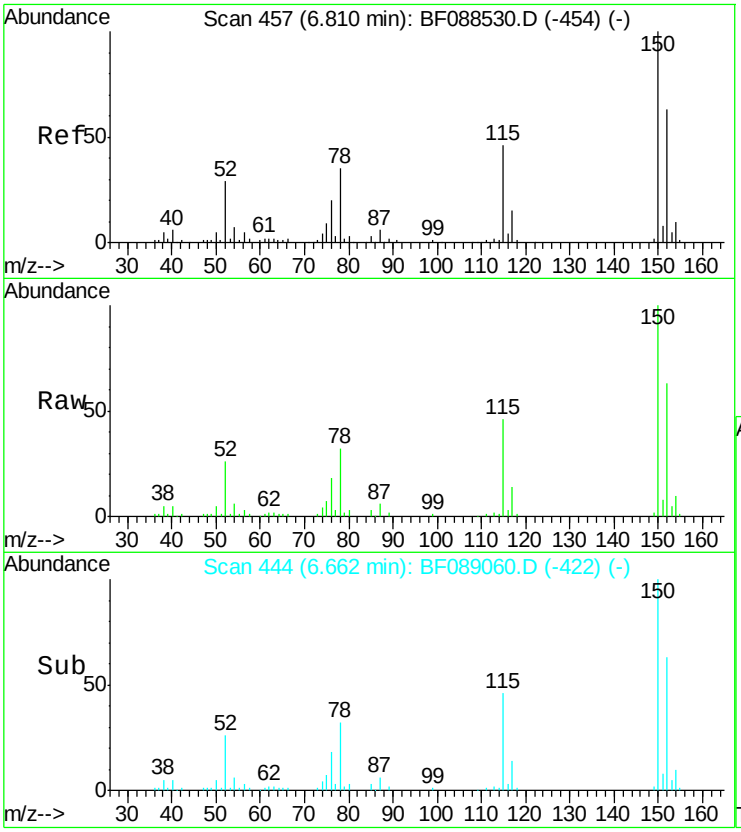


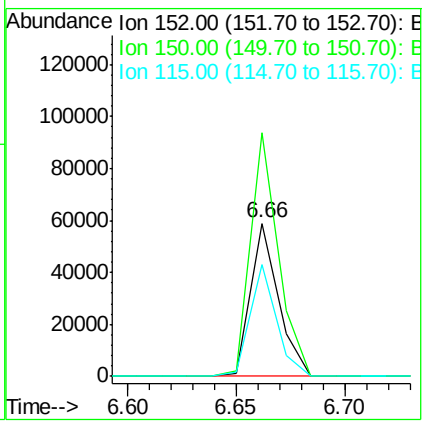


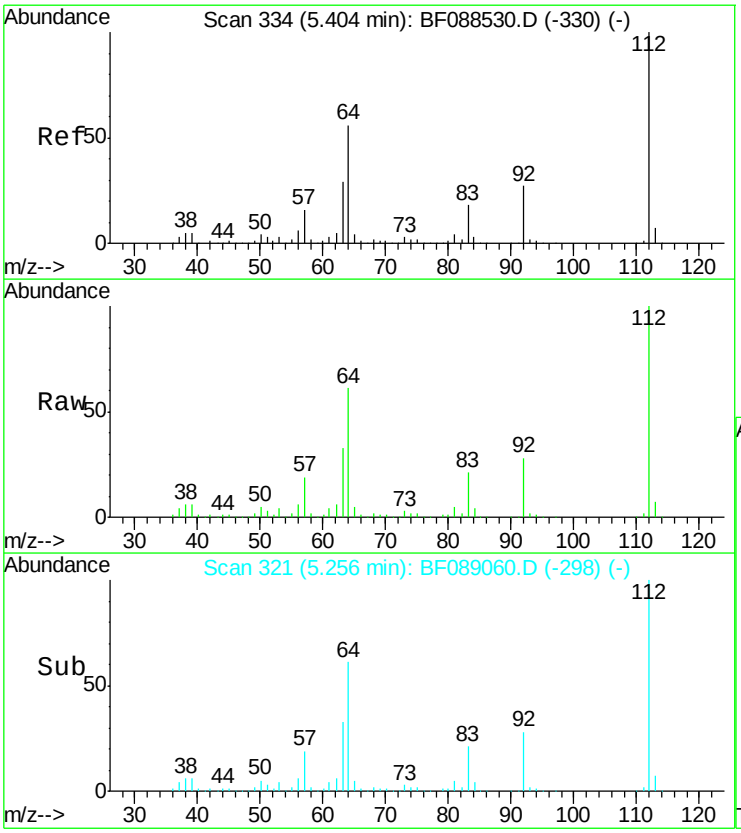
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 52560

Ion	Ratio	Lower	Upper
152	100		
150	159.1	123.8	185.6
115	72.9	39.6	59.4#

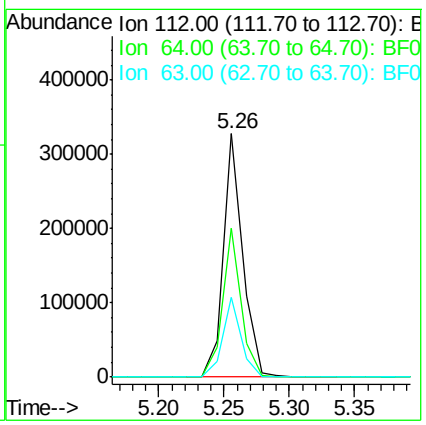


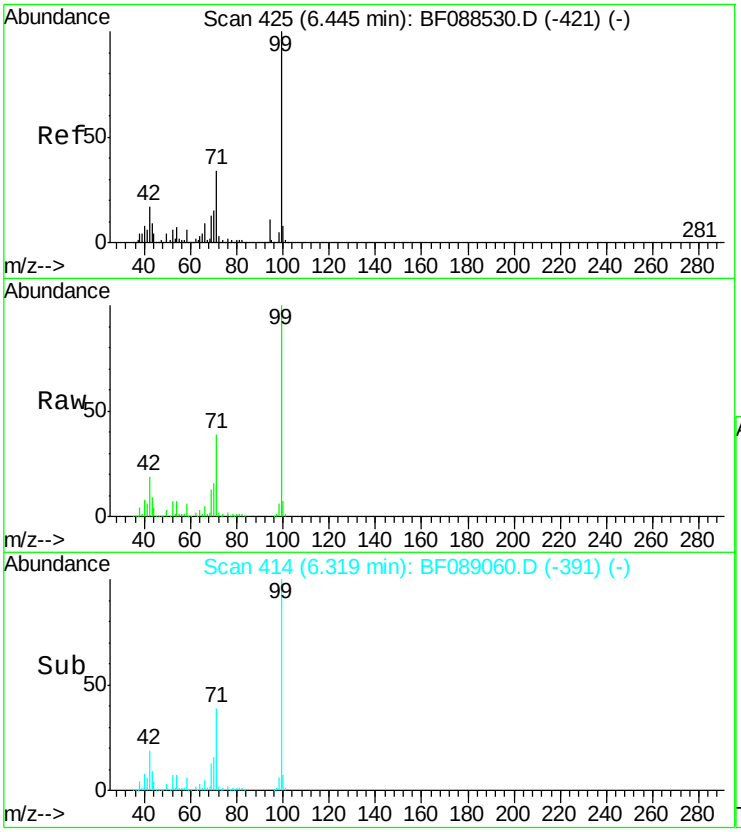


#5
2-Fluorophenol
Concen: 96.56 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:112 Resp: 338652

Ion	Ratio	Lower	Upper
112	100		
64	61.4	42.2	63.2
63	32.9	21.8	32.8#



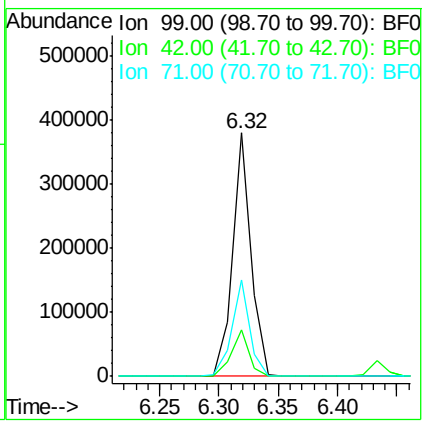


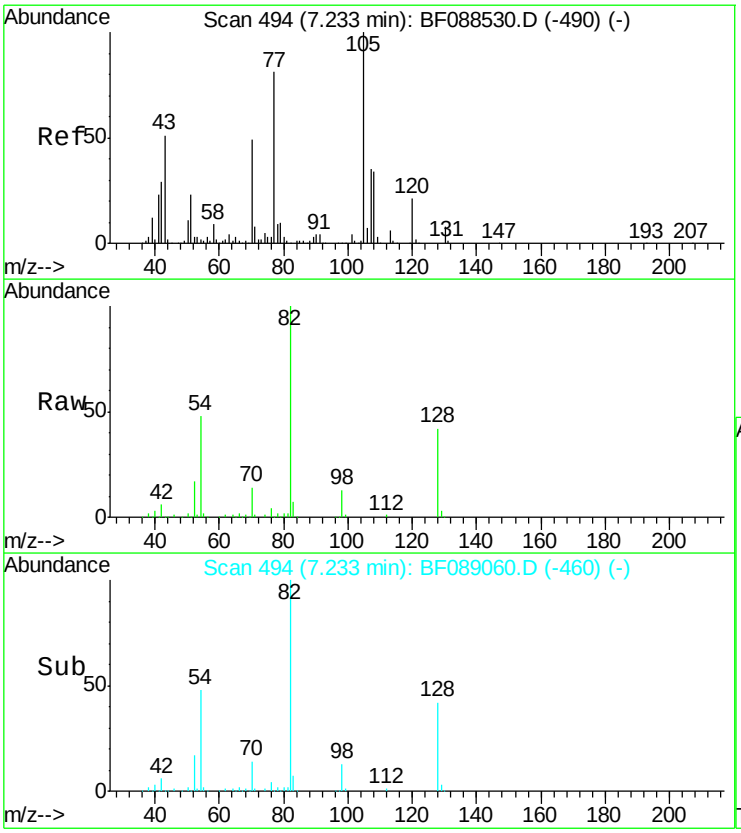
#7
Phenol-d6
Concen: 90.22 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 408813

Ion	Ratio	Lower	Upper
99	100		
42	19.0	12.2	18.2#
71	39.4	23.4	35.0#

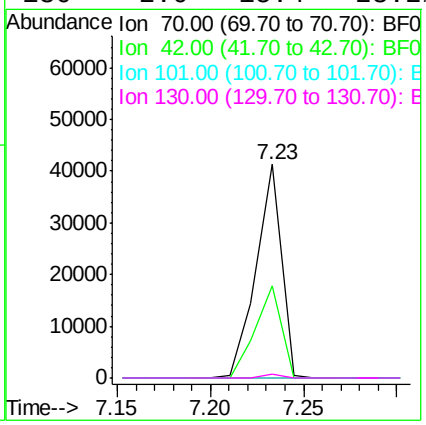


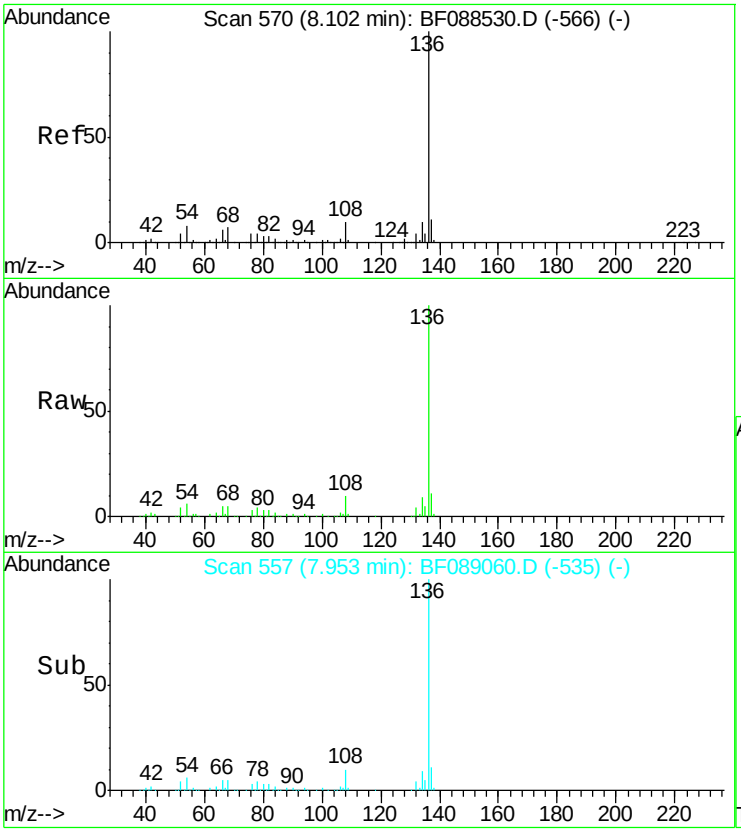


#19
n-Nitroso-di-n-propylamine
Concen: 12.75 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.09 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion: 70 Resp: 38807

Ion	Ratio	Lower	Upper
70	100		
42	43.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



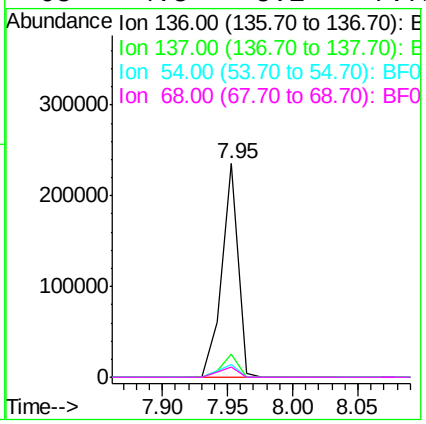


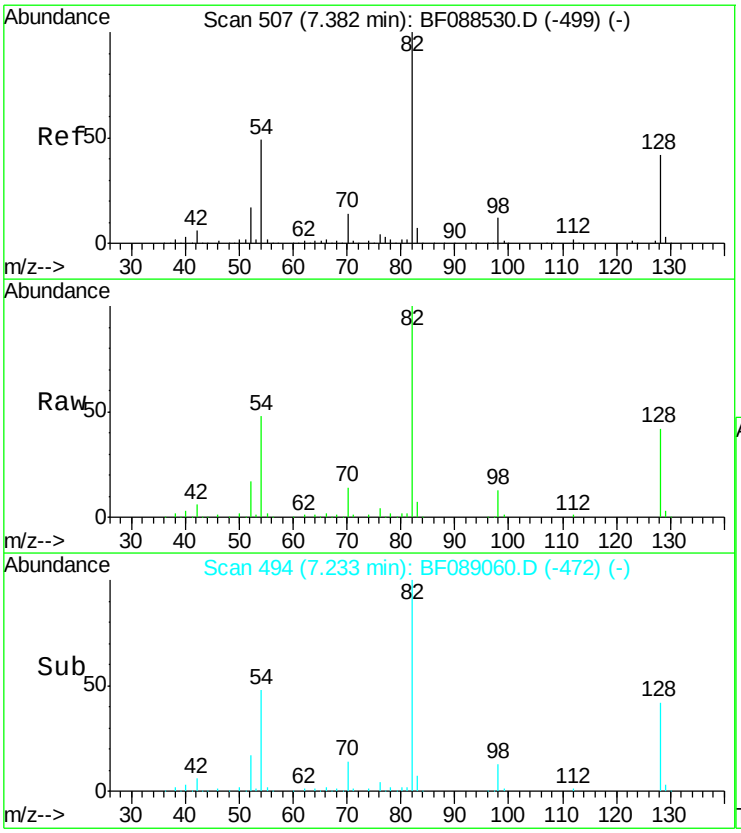
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 206441

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.8	6.6	10.0#
68	4.8	5.1	7.7#

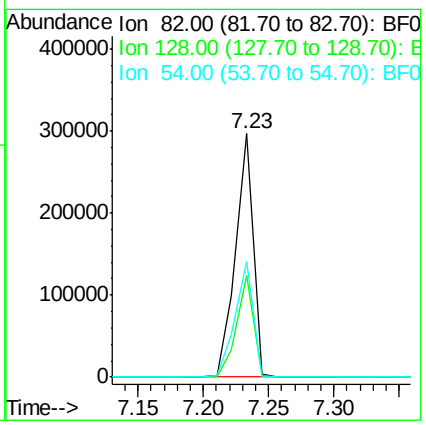


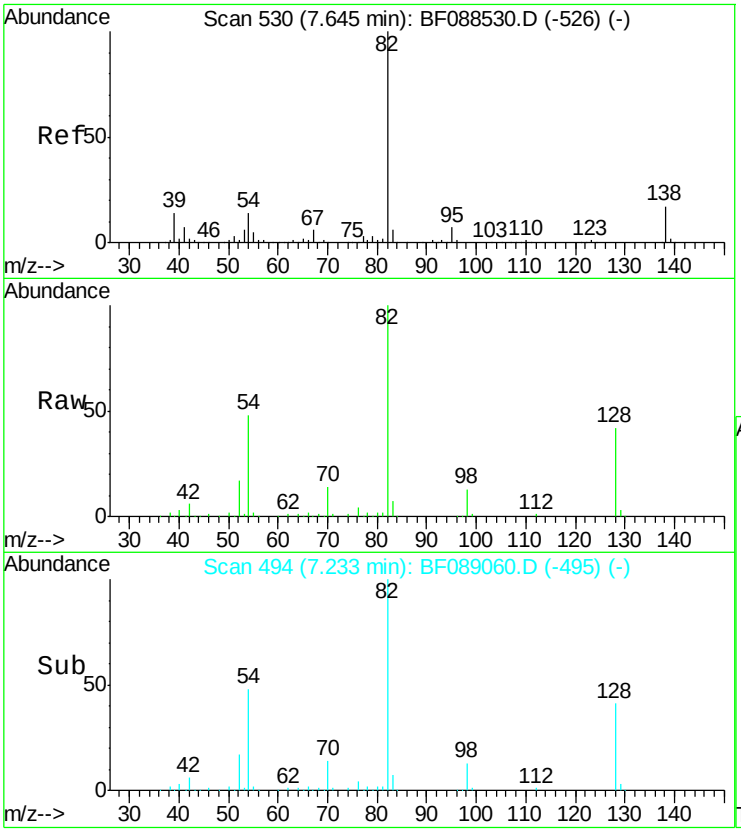


#23
Nitrobenzene-d5
Concen: 69.99 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion: 82 Resp: 275729

Ion	Ratio	Lower	Upper
82	100		
128	41.9	35.9	53.9
54	47.7	40.9	61.3



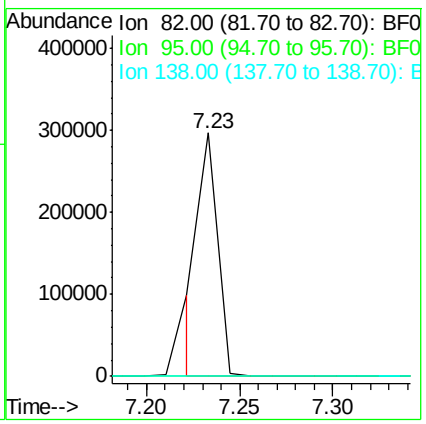


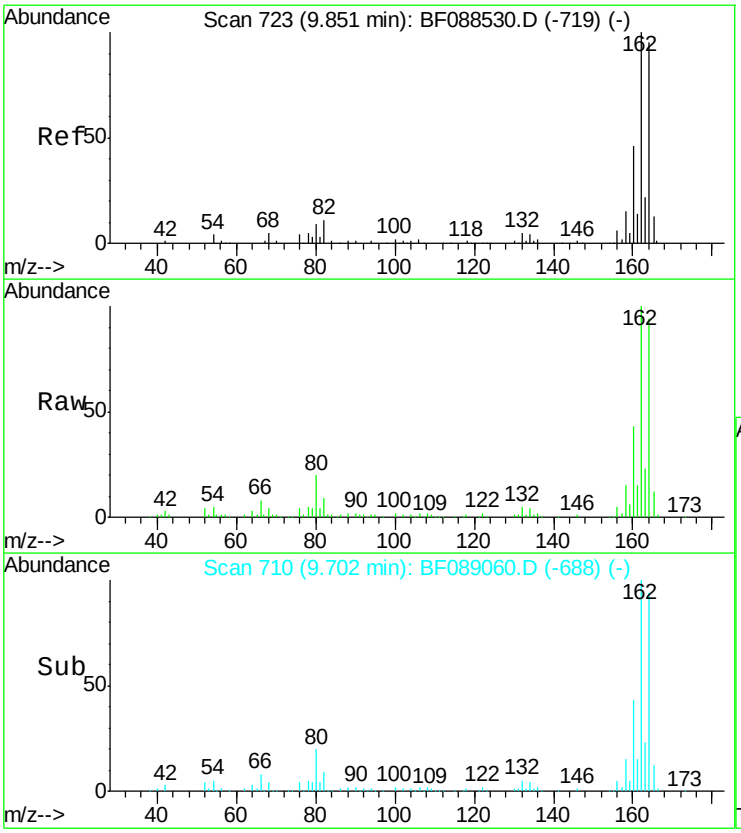
#25
Isophorone
Concen: 28.33 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.31 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 206754

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

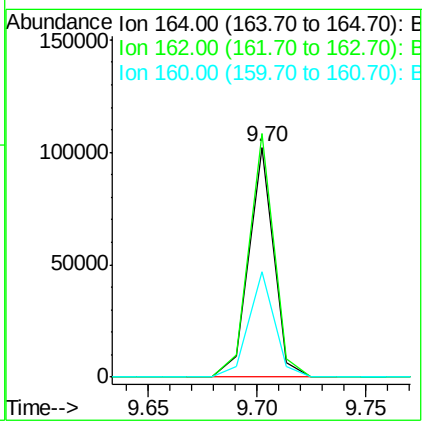


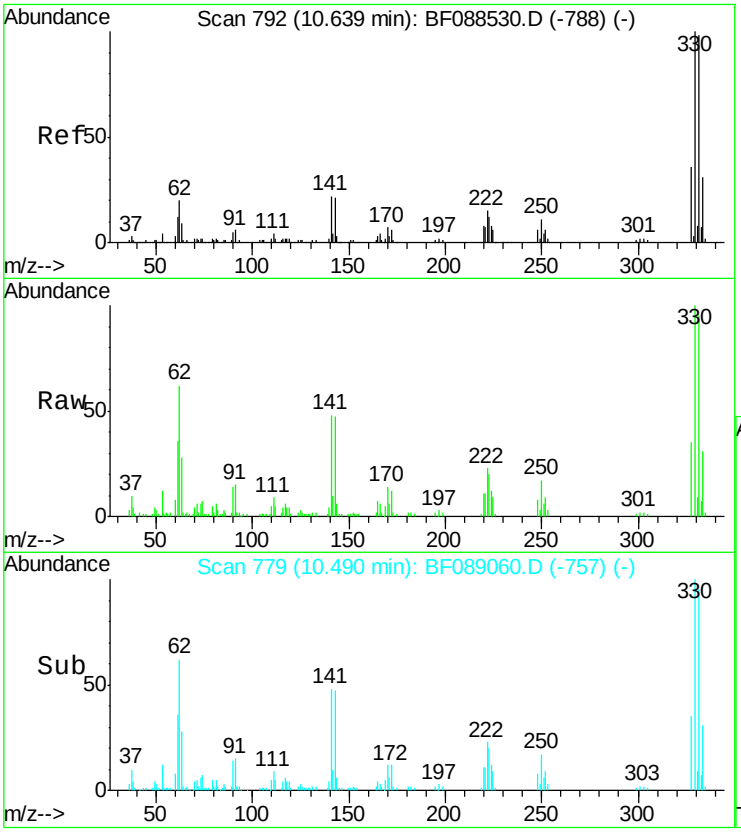


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:164 Resp: 80664

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	45.9	39.5	59.3



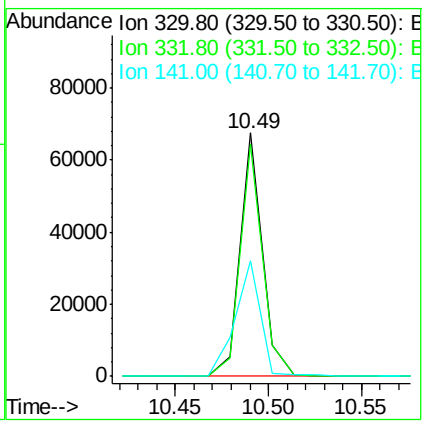


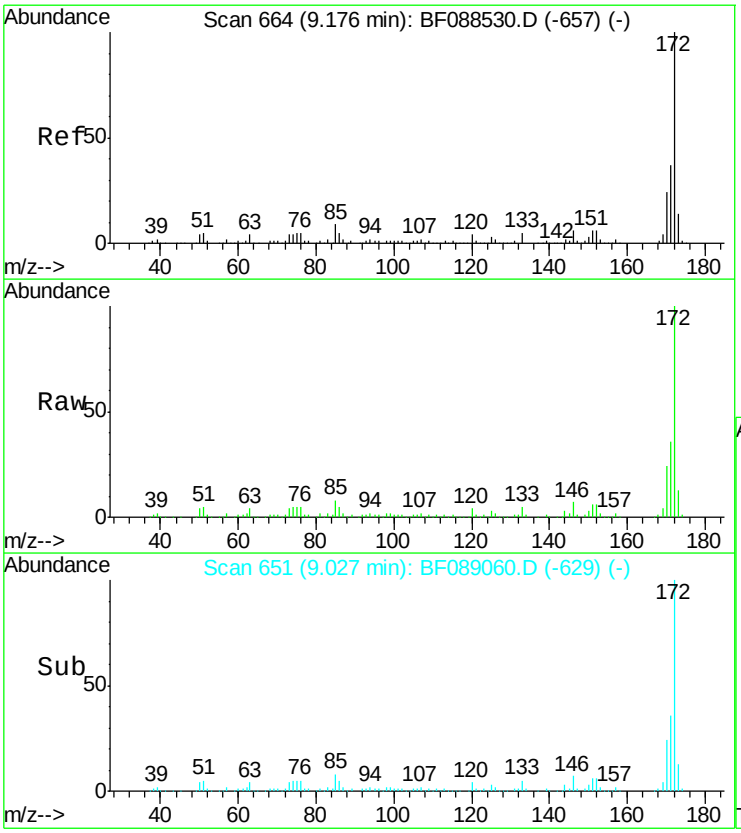
#41
2,4,6-Tribromophenol
Concen: 75.02 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 56192

Ion	Ratio	Lower	Upper
330	100		
332	95.7	0.0	0.0#
141	54.4	0.0	0.0#

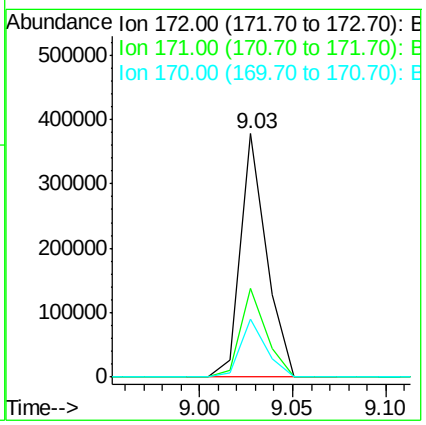


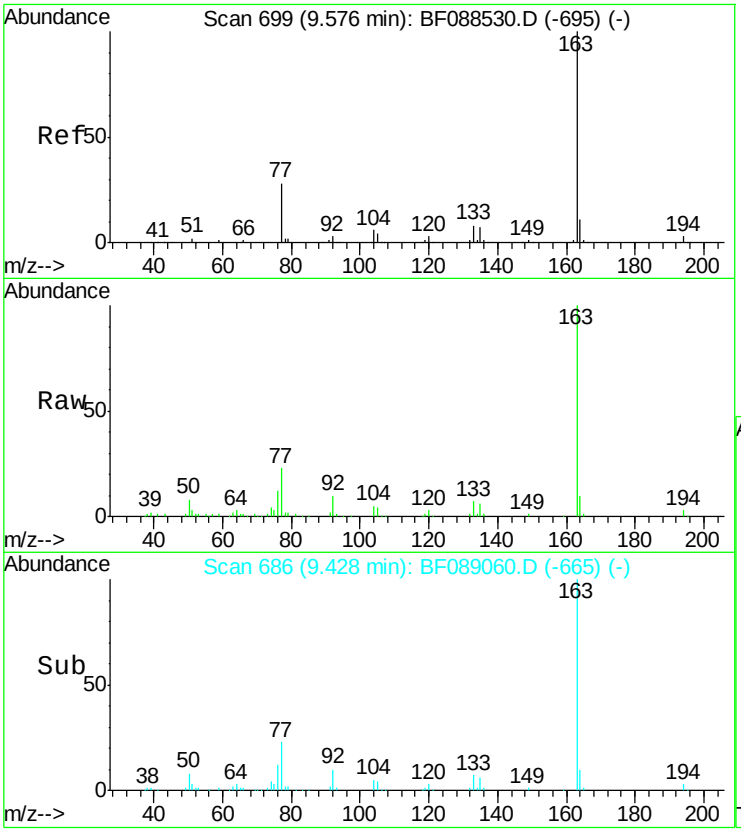


#44
2-Fluorobiphenyl
Concen: 71.75 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:172 Resp: 366393

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.7	19.2	28.8



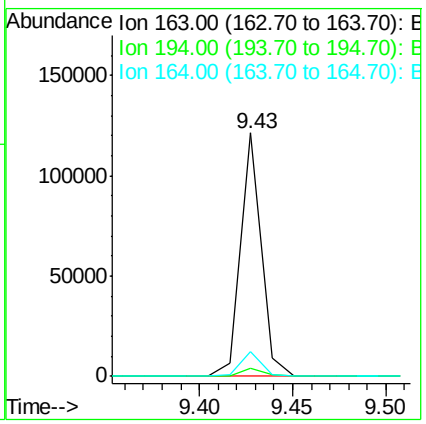


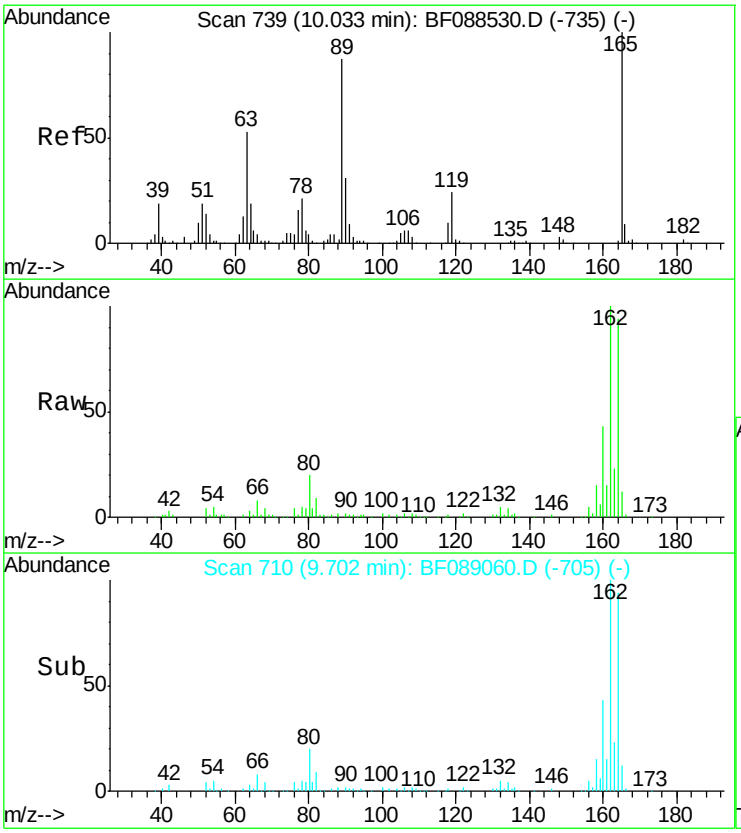
#49
Dimethylphthalate
Concen: 16.45 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.06 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 94525

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.3	8.3	12.5

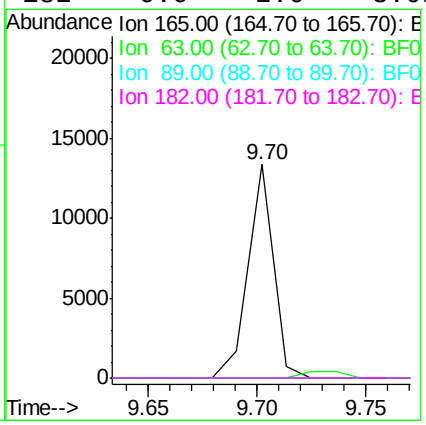


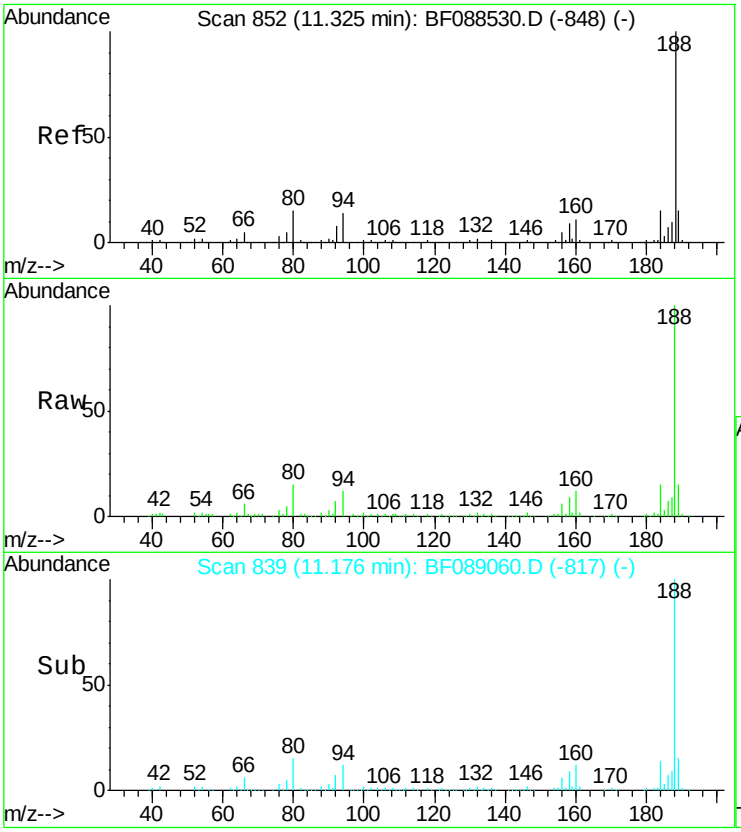


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.24 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:165 Resp: 10836

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#



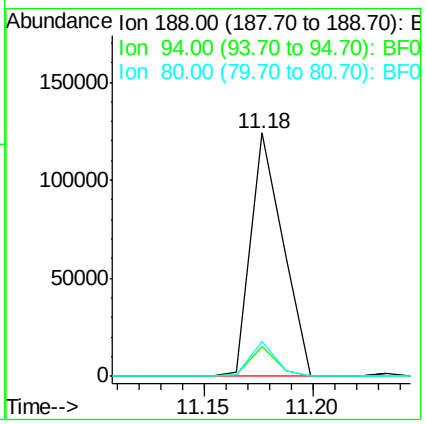


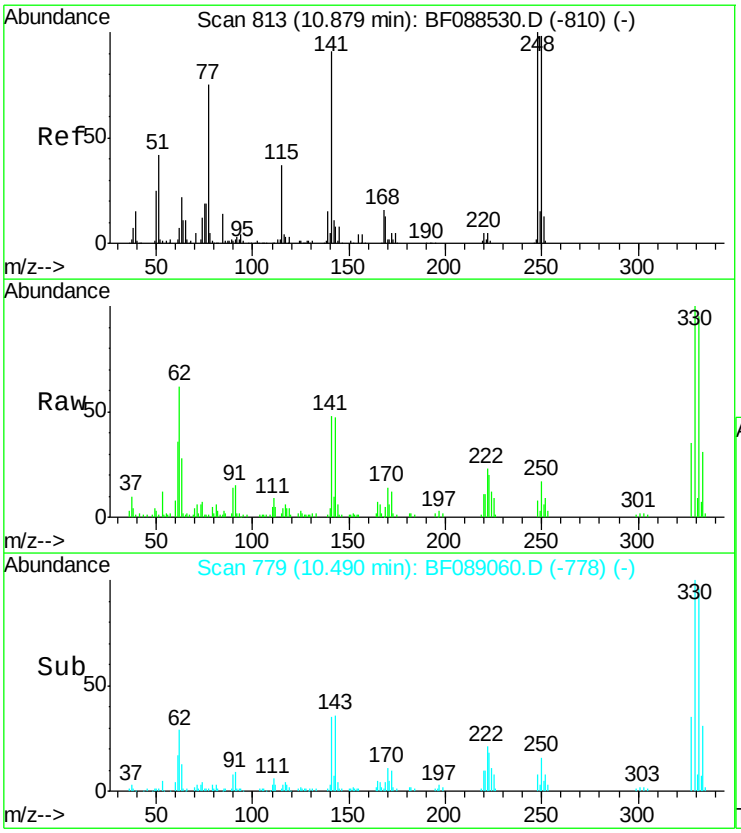
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 128481

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	14.6	10.0	15.0

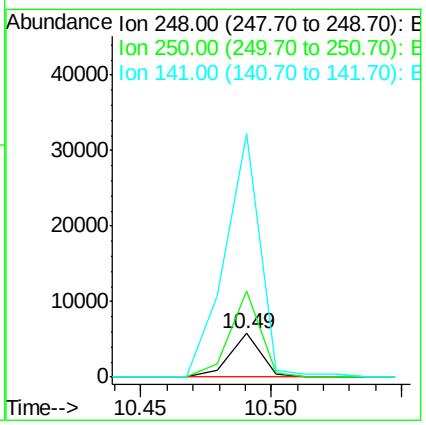


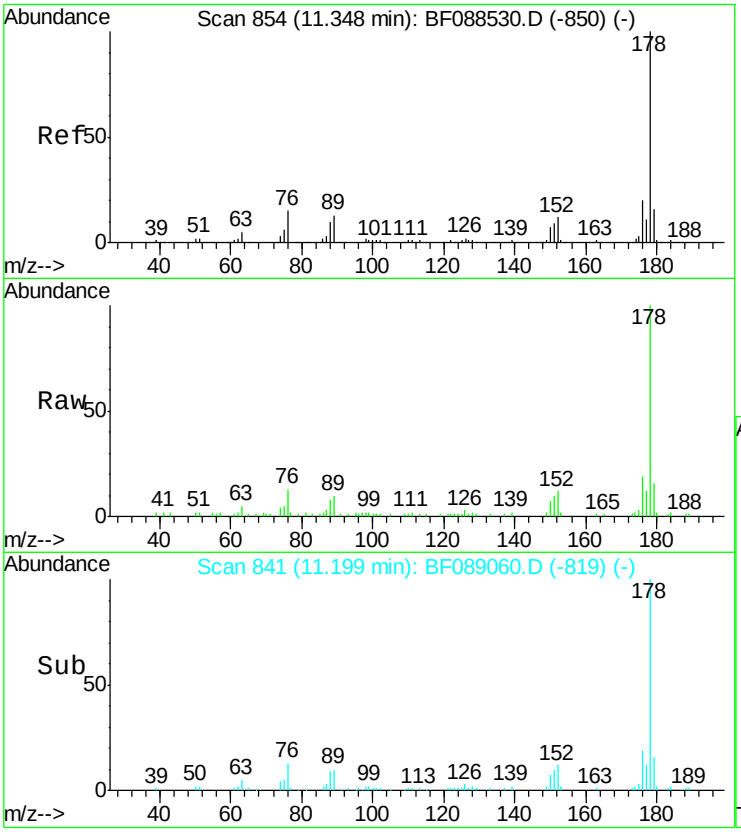


#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.29 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:248 Resp: 4810

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	561.5	50.6	76.0#



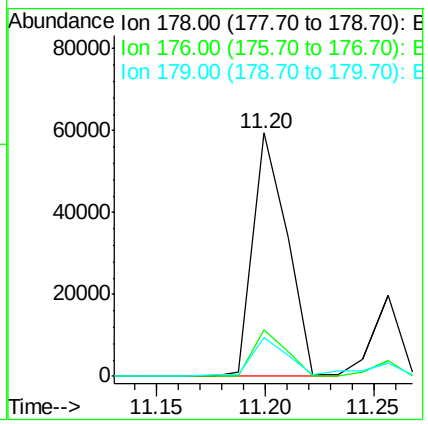


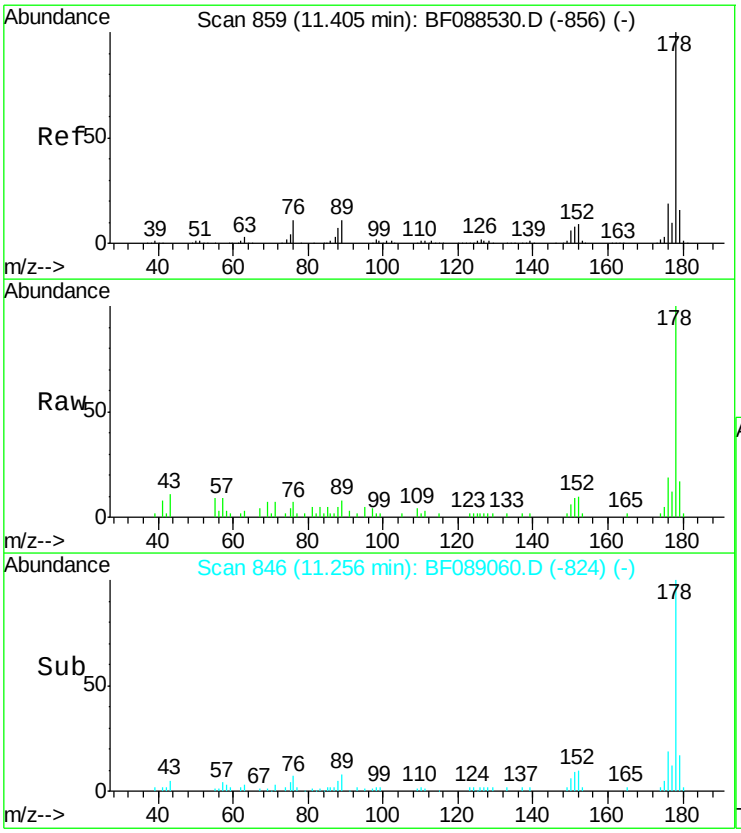
#70
Phenanthrene
Concen: 9.29 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 65263

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	16.0	13.0	19.4

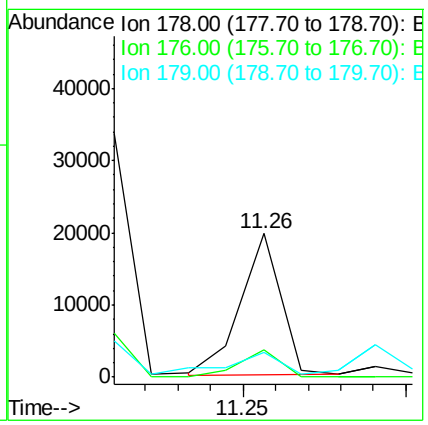


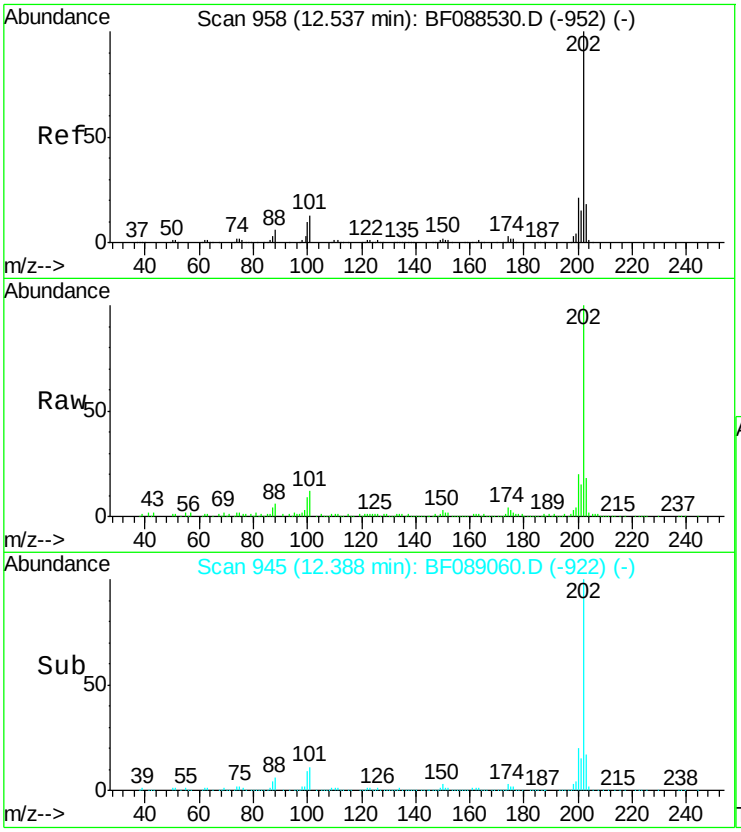


#71
Anthracene
Concen: 2.37 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:178 Resp: 16522

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.6	23.4
179	16.9	12.8	19.2



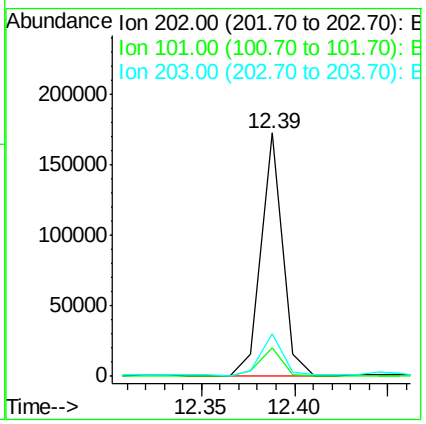


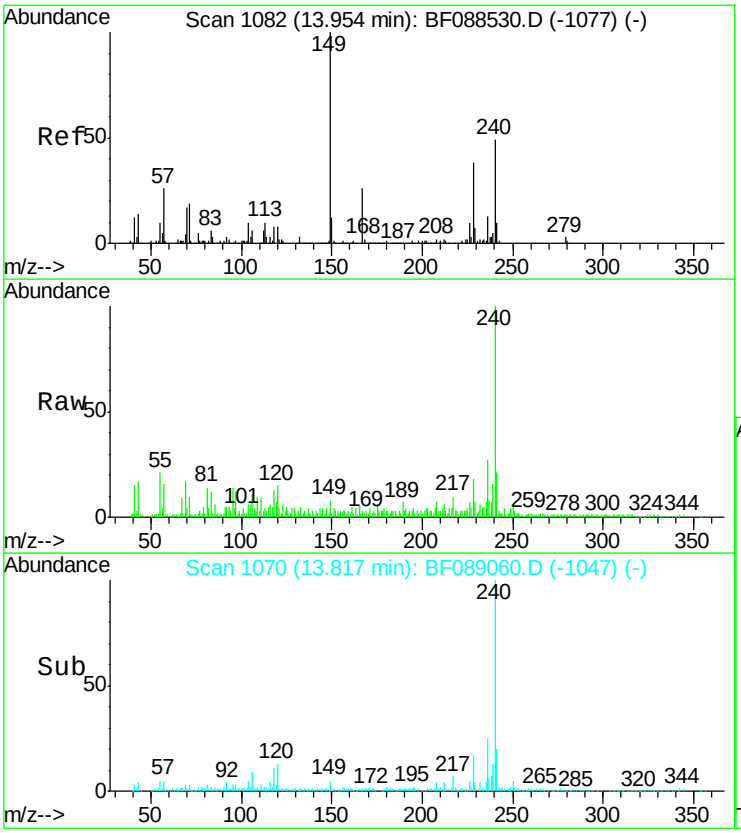
#74
Fluoranthene
Concen: 19.53 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 139048

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.1
203	17.7	0.0	38.1

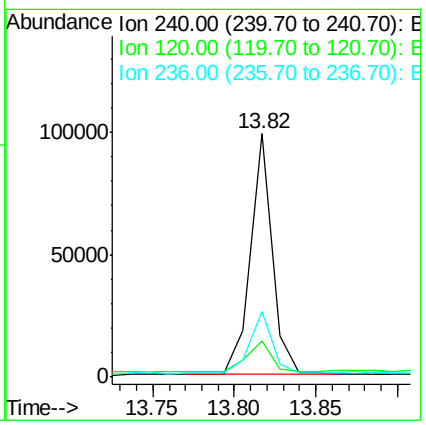


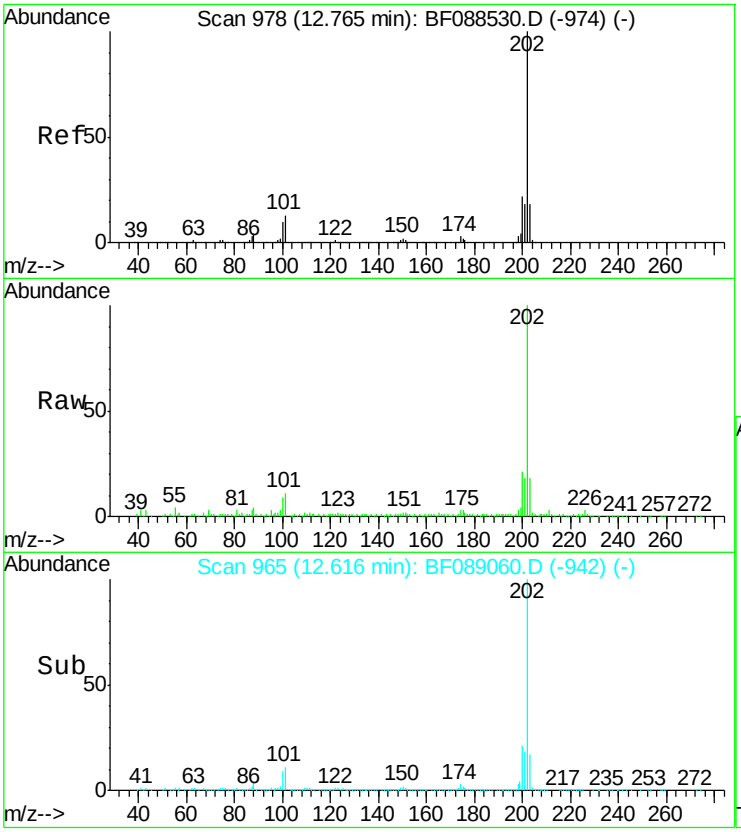


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:240 Resp: 91924

Ion	Ratio	Lower	Upper
240	100		
120	14.7	6.8	10.2#
236	27.1	20.2	30.2



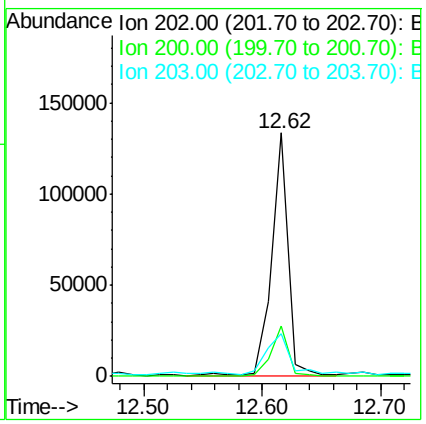


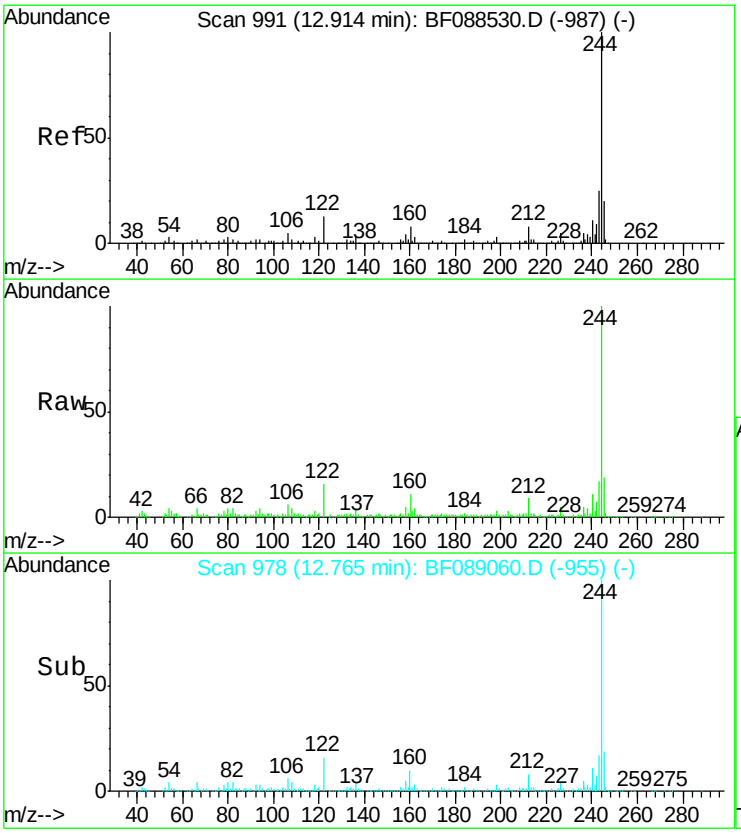
#77
Pyrene
Concen: 16.35 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 127423

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.7	14.5	21.7

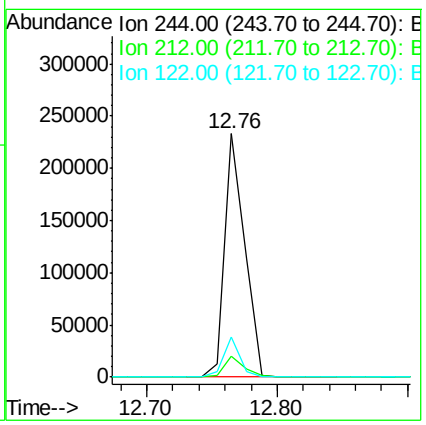


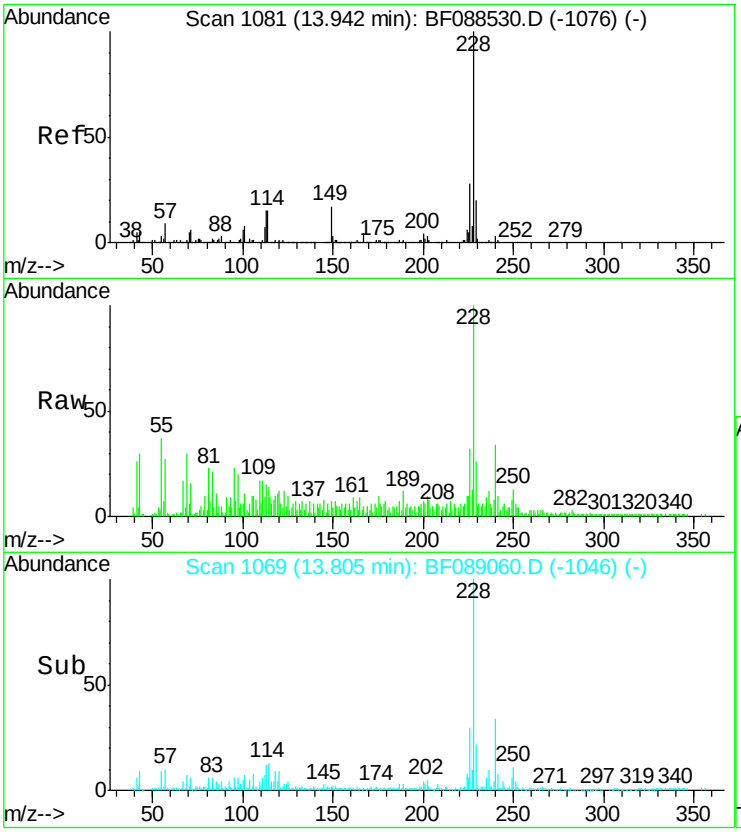


#78
Terphenyl-d14
Concen: 60.15 ng
RT: 12.76 min Scan# 978
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:244 Resp: 248237

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.0	9.0
122	16.4	11.2	16.8



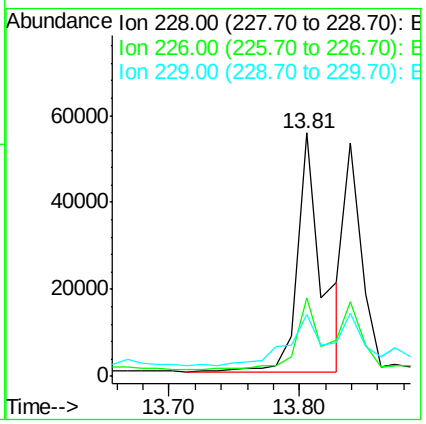


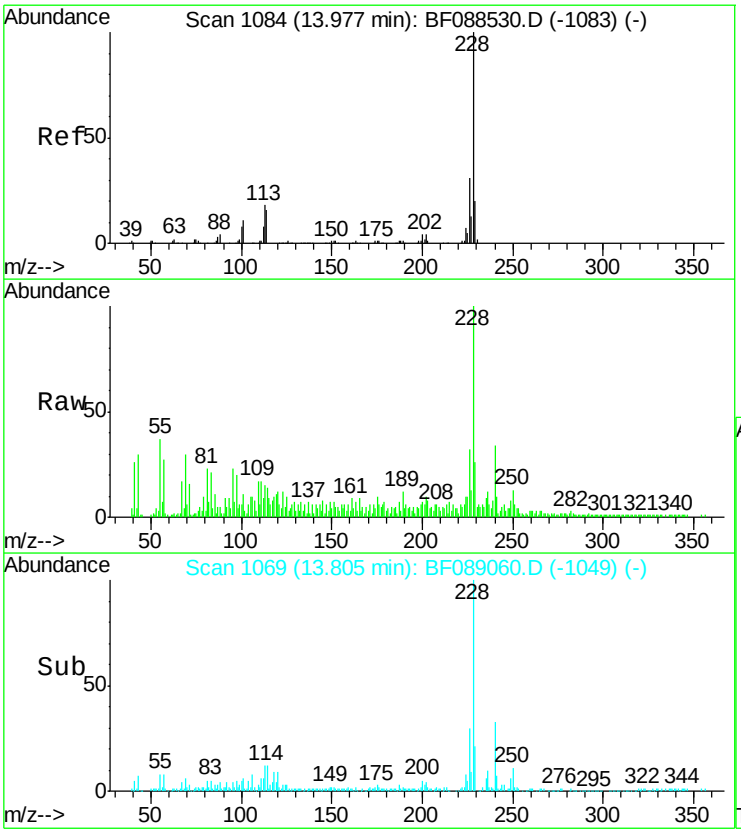
#80
Benzo(a)anthracene
Concen: 12.15 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 71907

Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.3	33.5
229	25.6	16.0	24.0#

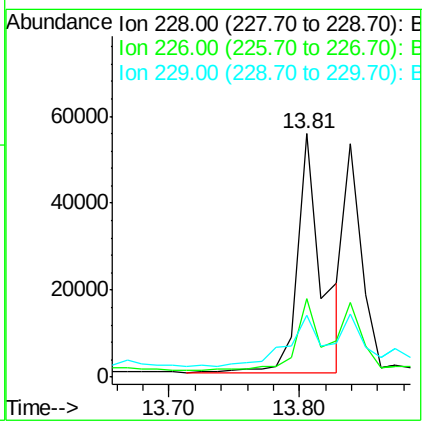


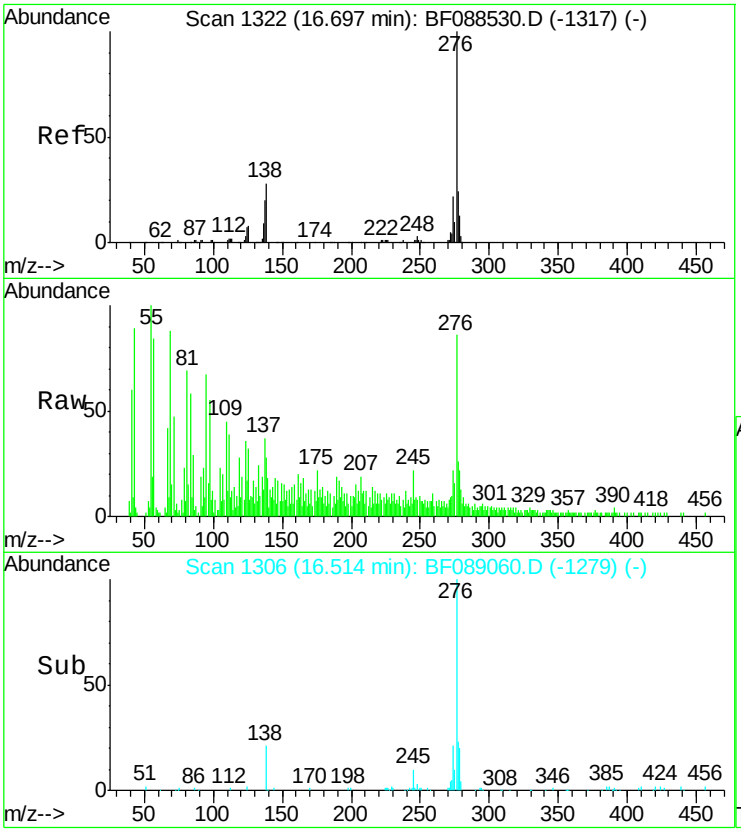


#82
Chrysene
Concen: 12.28 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.07 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:228 Resp: 71907

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.4	38.2
229	25.6	16.3	24.5#



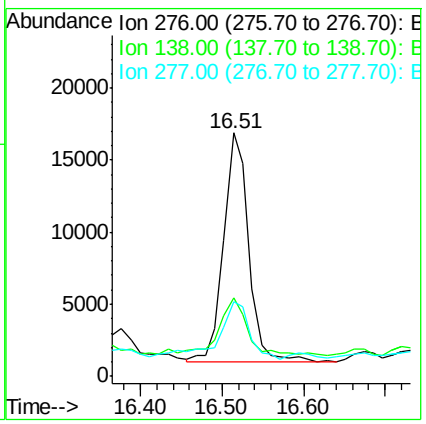


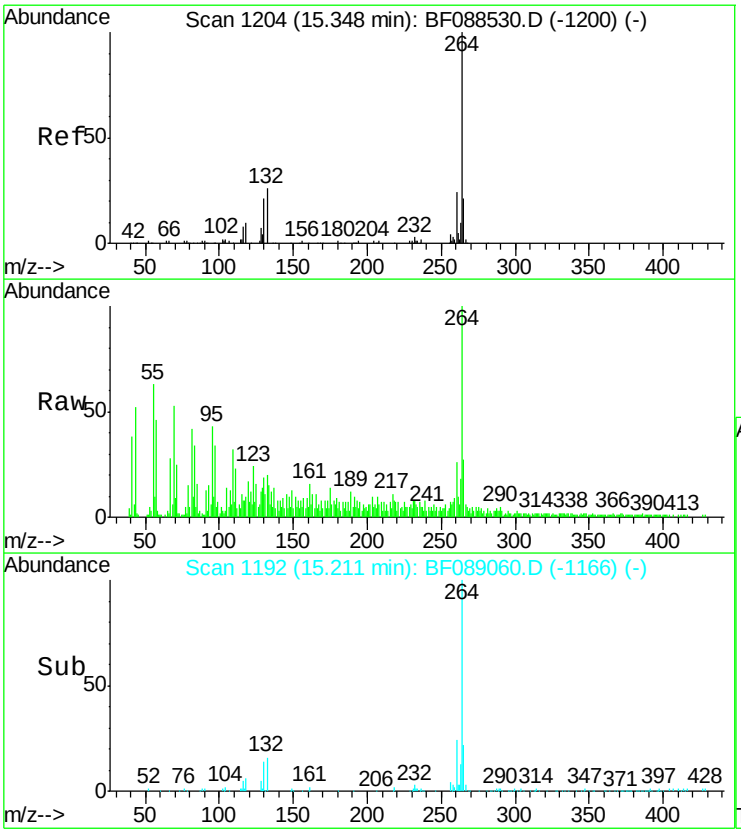
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.53 ng
RT: 16.51 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 33926

Ion	Ratio	Lower	Upper
276	100		
138	28.1	0.0	0.0#
277	31.8	0.0	0.0#

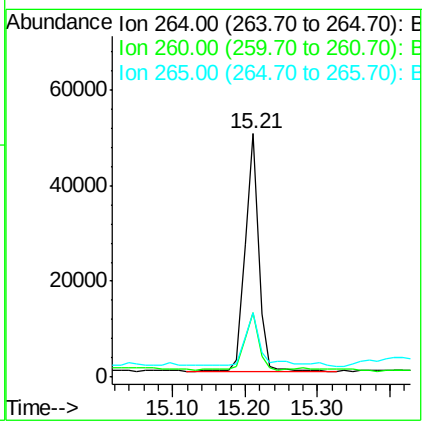


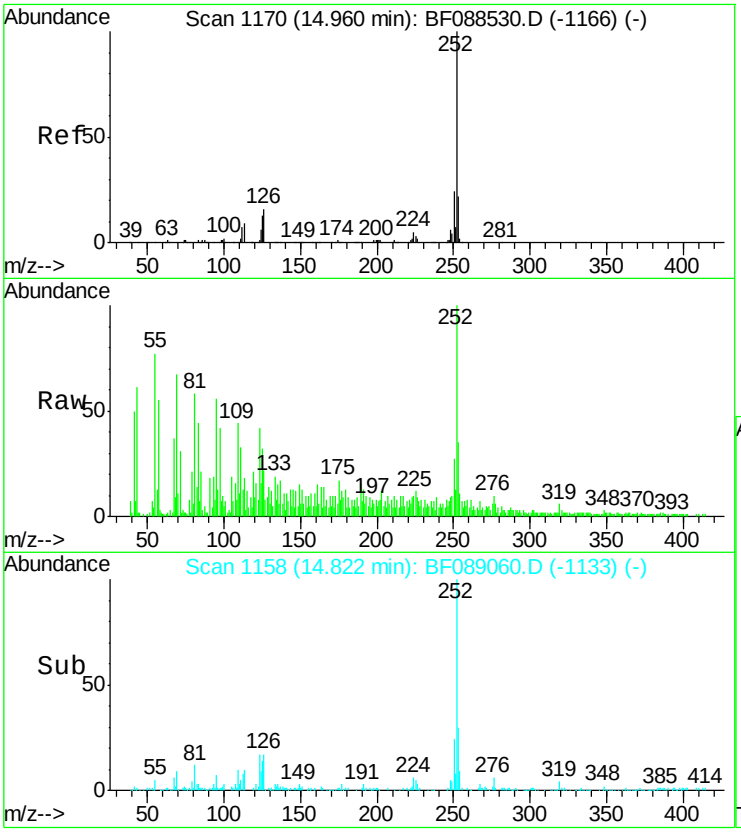


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:264 Resp: 65224

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.2	28.8
265	26.6	16.9	25.3#



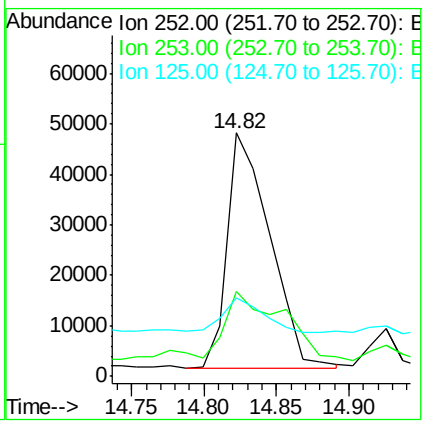


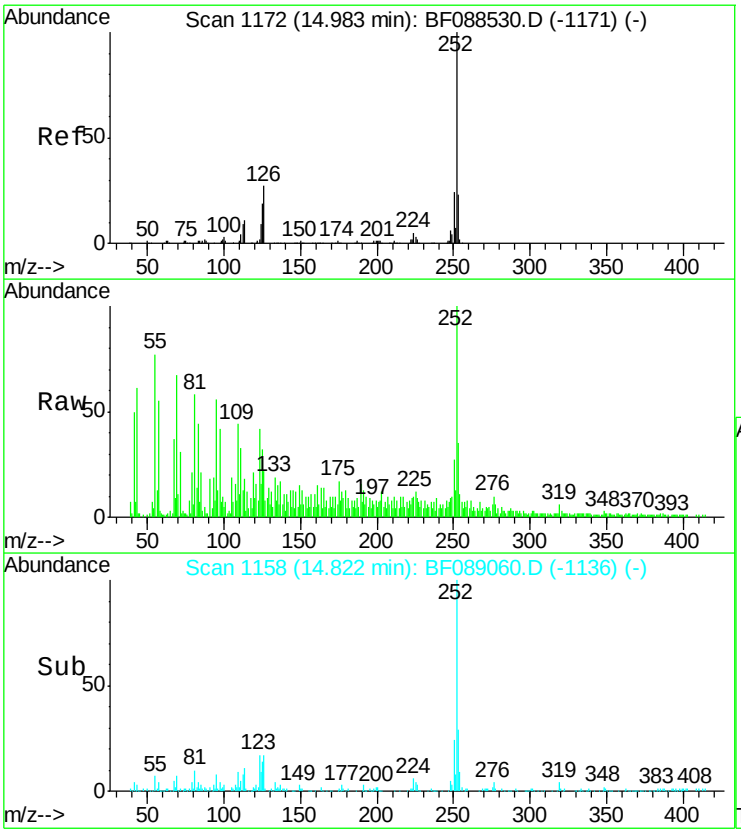
#87
Benzo(b)fluoranthene
Concen: 23.21 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 94982

Ion	Ratio	Lower	Upper
252	100		
253	34.8	17.4	26.2#
125	32.4	7.1	10.7#

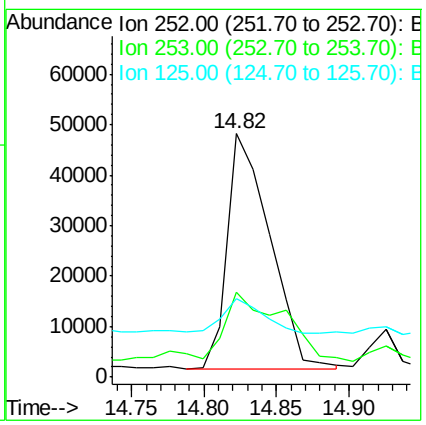


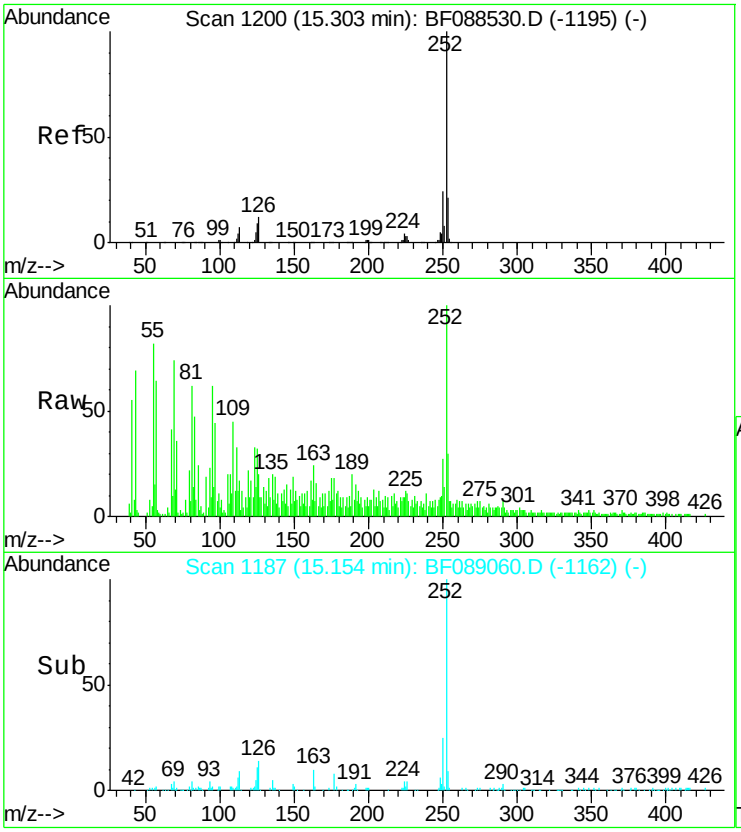


#88
Benzo(k)fluoranthene
Concen: 26.67 ng
RT: 14.82 min Scan# 1158
Delta R.T. -0.05 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:252 Resp: 94982

Ion	Ratio	Lower	Upper
252	100		
253	34.8	18.0	27.0#
125	32.4	11.2	16.8#



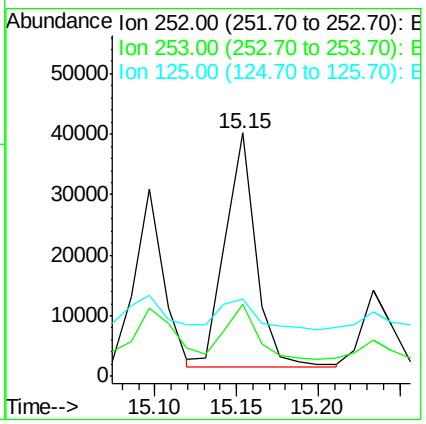


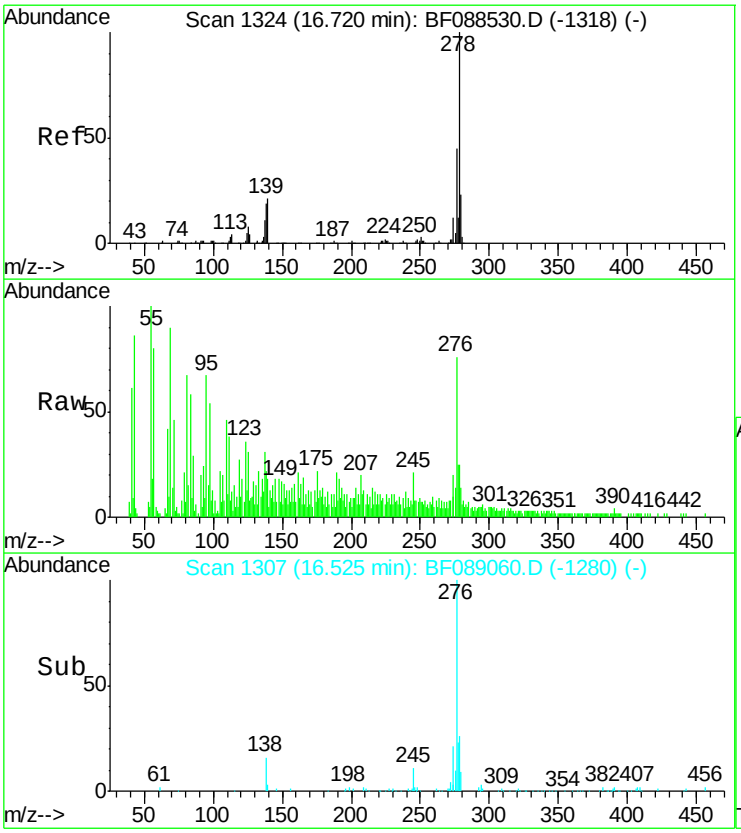
#89
Benzo(a)pyrene
Concen: 14.47 ng
RT: 15.15 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 50124

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.9	26.9#
125	31.5	12.5	18.7#

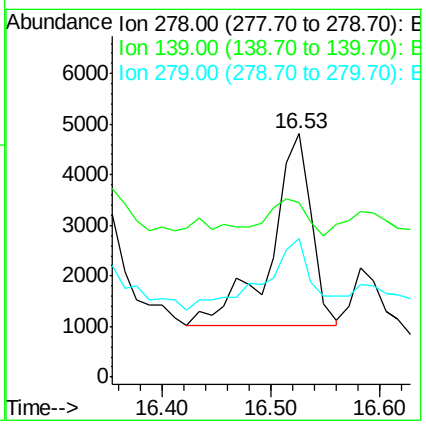


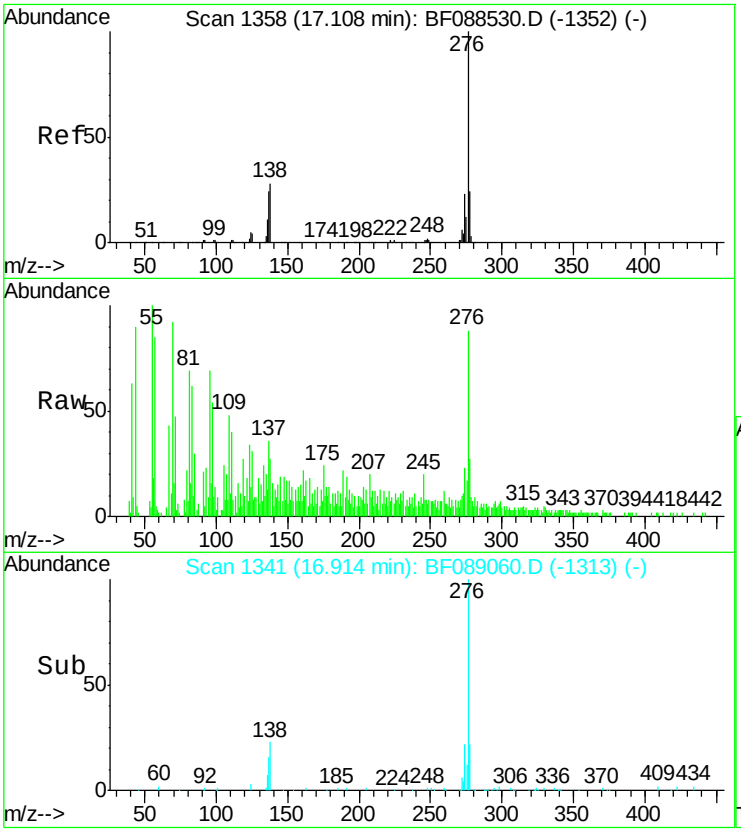


#90
Dibenzo(a,h)anthracene
Concen: 3.41 ng
RT: 16.53 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Tgt Ion:278 Resp: 9854

Ion	Ratio	Lower	Upper
278	100		
139	71.9	15.7	23.5#
279	57.1	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 10.98 ng
RT: 16.91 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BF089060.D
Acq: 16 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 32875

Ion	Ratio	Lower	Upper
276	100		
277	30.4	18.9	28.3#
138	31.0	21.4	32.2