Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088620.D
Acq On : 2 Jul 2016 16:40
Operator : UM/SJ
Sample : H3871-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : L8-B1(0-12)C

Quant Time: Jul 03 03:03:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	106858	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	446610	20.00	ng		-0.02
38) Acenaphthene-d10	9.83	164	187671	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	275651	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	218174	20.00	ng		-0.02
86) Perylene-d12	15.34	264	209559	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	747863	104.89	ng		-0.02
7) Phenol-d6	6.43	99	1034340	112.27	ng		-0.01
23) Nitrobenzene-d5	7.36	82	650025	76.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	170475	97.82	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	814808	68.58	ng		-0.02
78) Terphenyl-d14	12.89	244	503543	51.41	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.36	70	87580	14.15	ng	#	71
49) Dimethylphthalate	9.55	163	144364	10.80	ng		98
56) 2,4-Dinitrotoluene	9.83	165	24873	6.42	ng	#	38
66) 4-Bromophenyl-phenylether	10.62	248	11287	4.06	ng	#	1
70) Phenanthrene	11.32	178	168697	11.20	ng		99
71) Anthracene	11.38	178	45782	3.06	ng		97
74) Fluoranthene	12.51	202	215941	14.14	ng		96
77) Pyrene	12.74	202	188280	10.18	ng		98
80) Benzo(a)anthracene	13.92	228	101011	7.19	ng		99
82) Chrysene	13.95	228	68695	4.94	ng		96
85) Indeno(1,2,3-cd)pyrene	16.66	276	30976	2.90	ng	#	100
87) Benzo(b)fluoranthene	14.94	252	123808	9.42	ng	#	91
88) Benzo(k)fluoranthene	14.94	252	123808	10.82	ng		97
89) Benzo(a)pyrene	15.27	252	65326	5.87	ng		97
91) Benzo(g,h,i)perylene	17.06	276	30377	3.16	ng		95

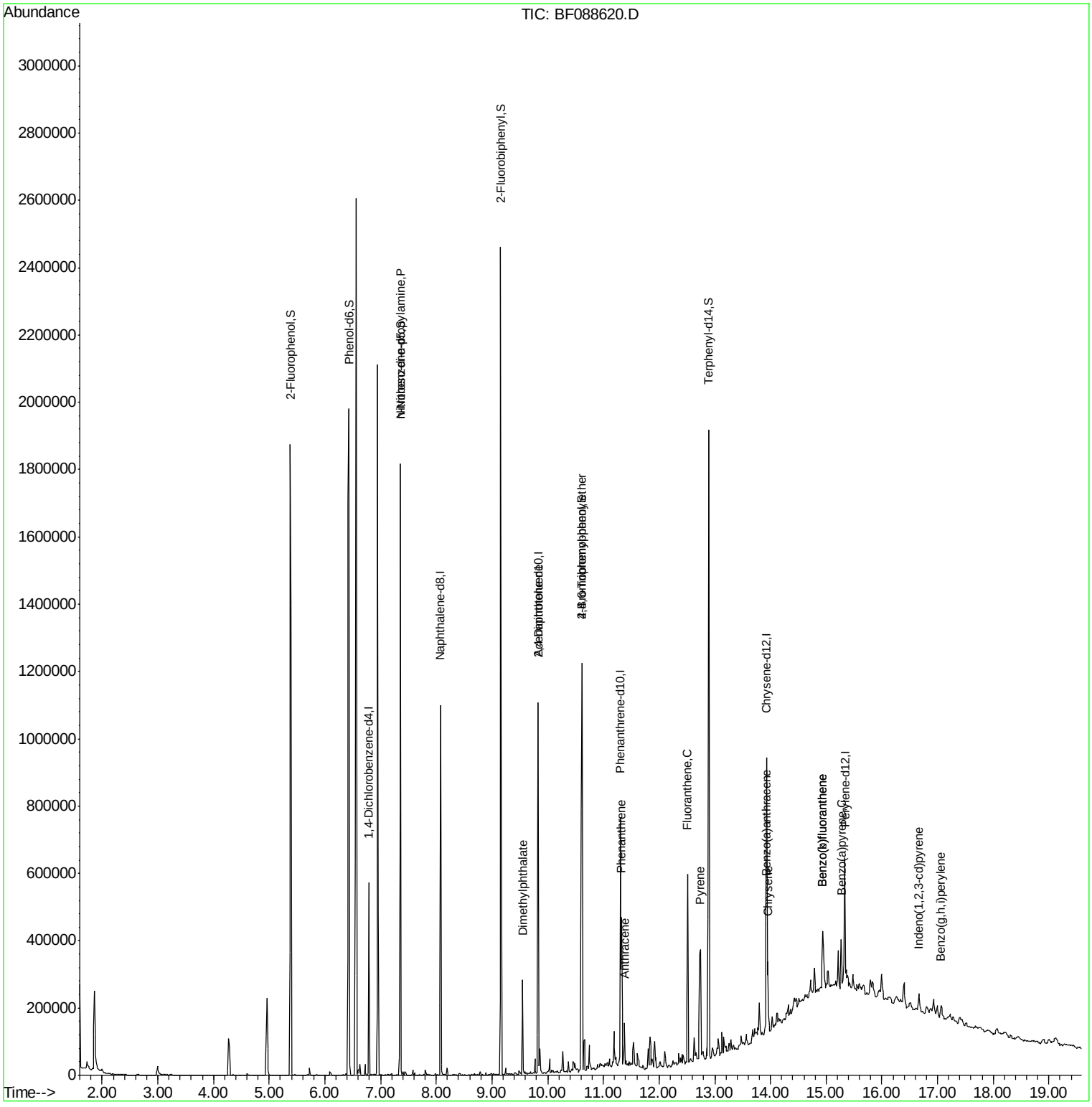
(#) = qualifier out of range (m) = manual integration (+) = signals summed

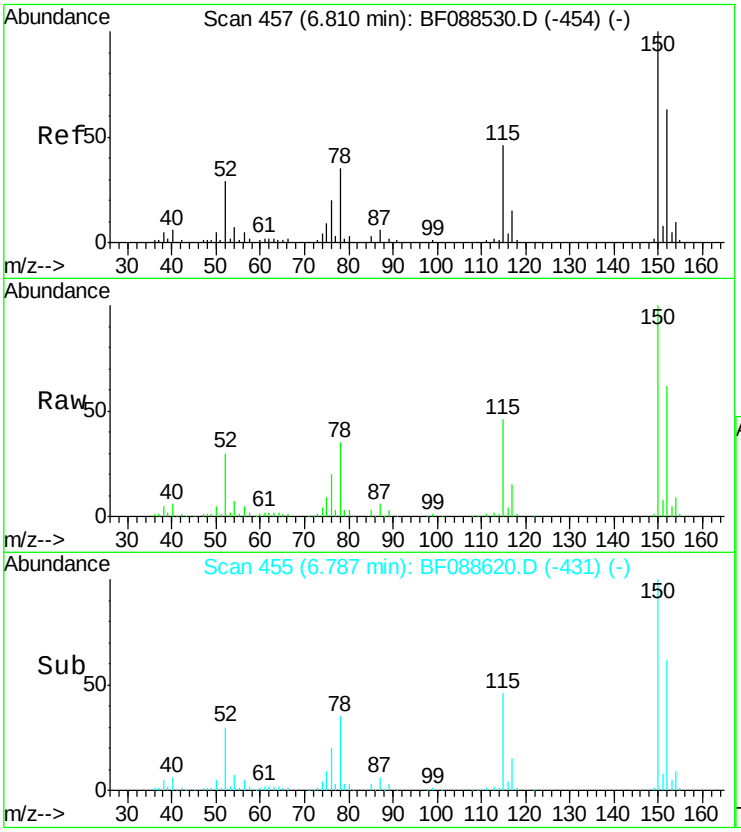
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
Data File : BF088620.D
Acq On : 2 Jul 2016 16:40
Operator : UM/SJ
Sample : H3871-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Quant Time: Jul 03 03:03:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration



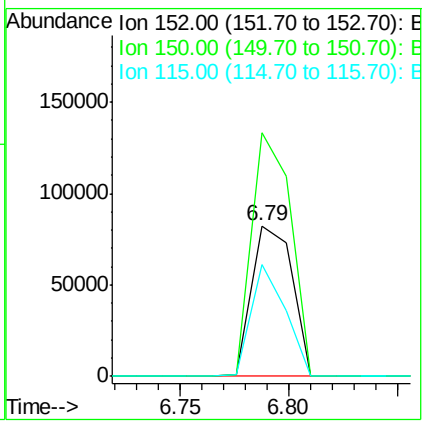


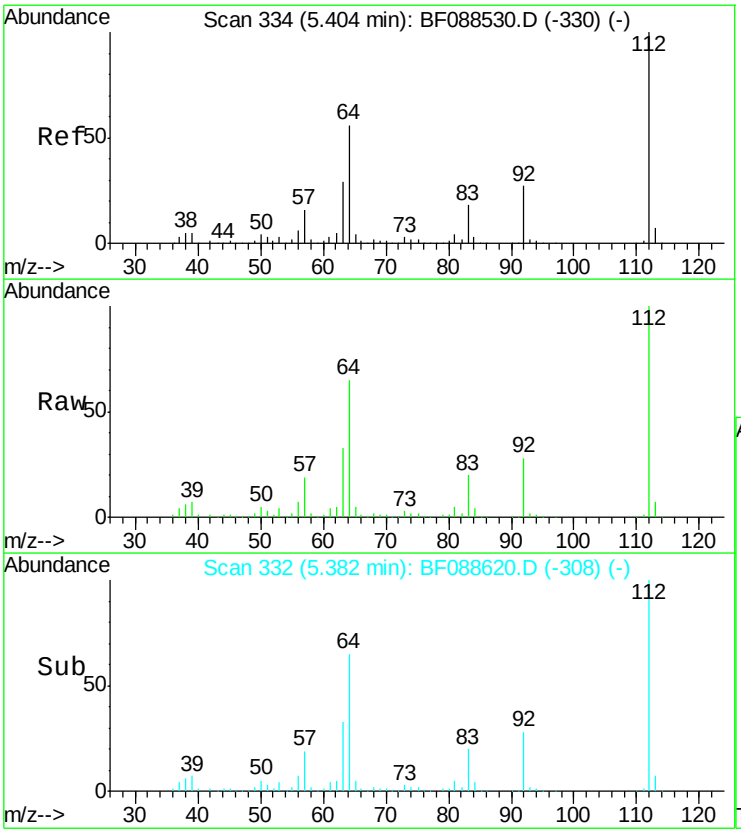
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:152 Resp: 106858

Ion	Ratio	Lower	Upper
152	100		
150	162.0	123.8	185.6
115	74.6	39.6	59.4#

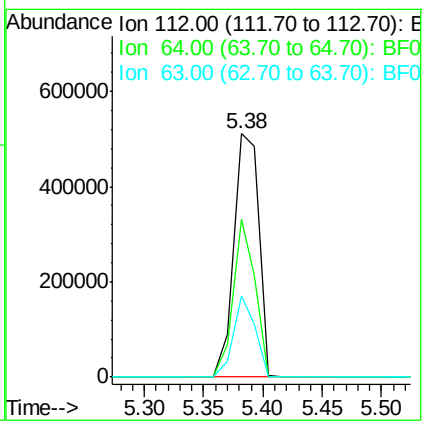


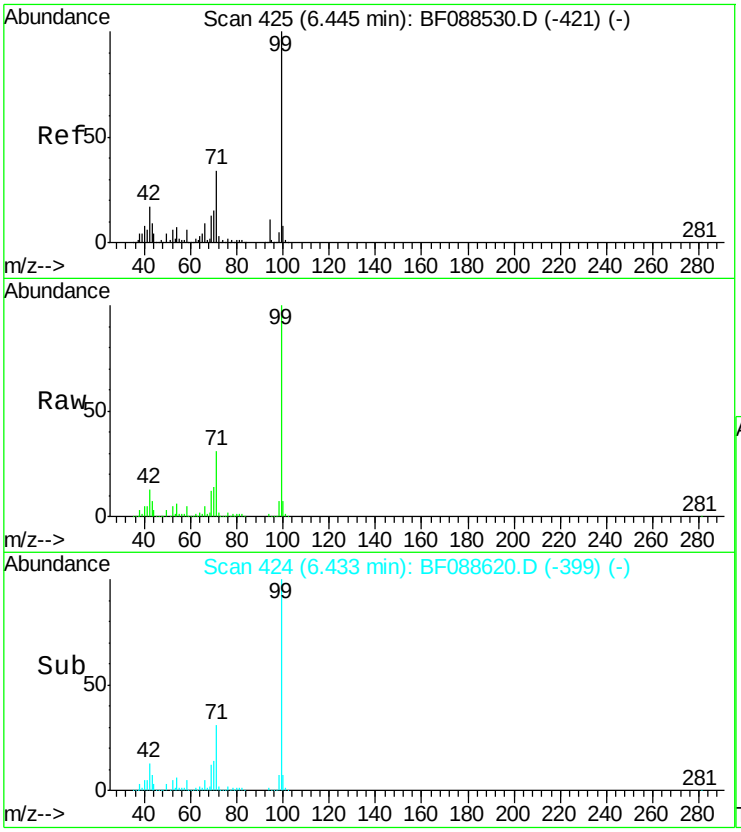


#5
2-Fluorophenol
Concen: 104.89 ng
RT: 5.38 min Scan# 332
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:112 Resp: 747863

Ion	Ratio	Lower	Upper
112	100		
64	64.7	42.2	63.2#
63	33.2	21.8	32.8#



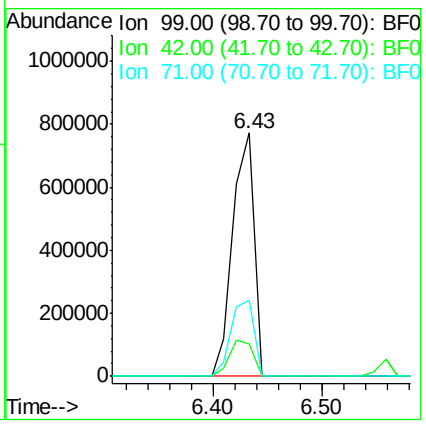


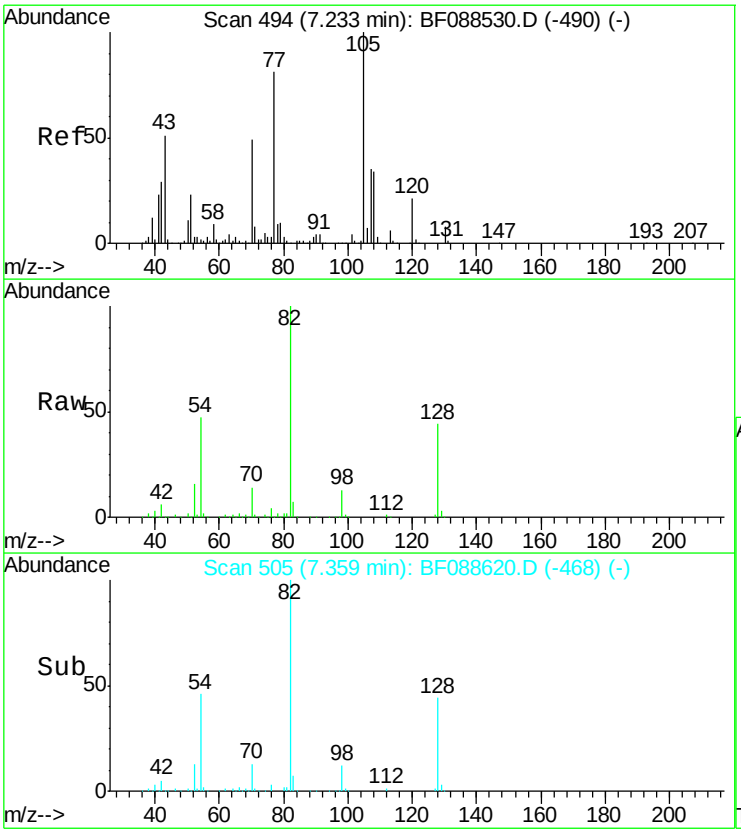
#7
Phenol-d6
Concen: 112.27 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion: 99 Resp: 1034340

Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.2
71	31.3	23.4	35.0

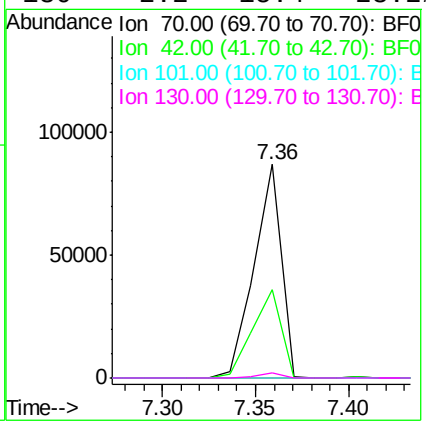


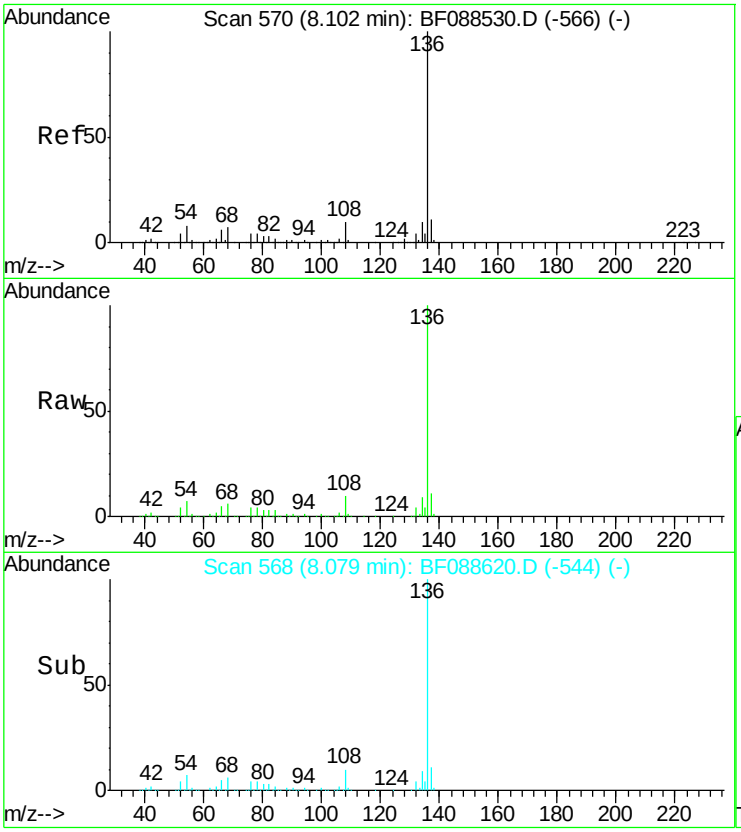


#19
n-Nitroso-di-n-propylamine
Concen: 14.15 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.13 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion: 70 Resp: 87580

Ion	Ratio	Lower	Upper
70	100		
42	41.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.2	15.4	23.2#



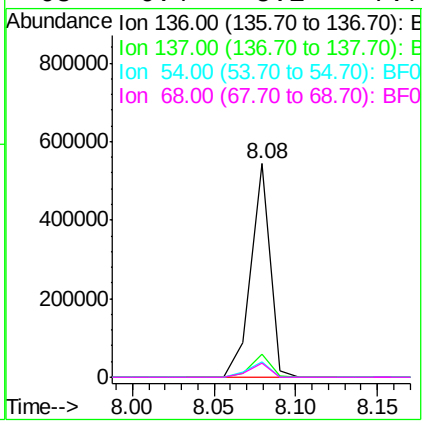


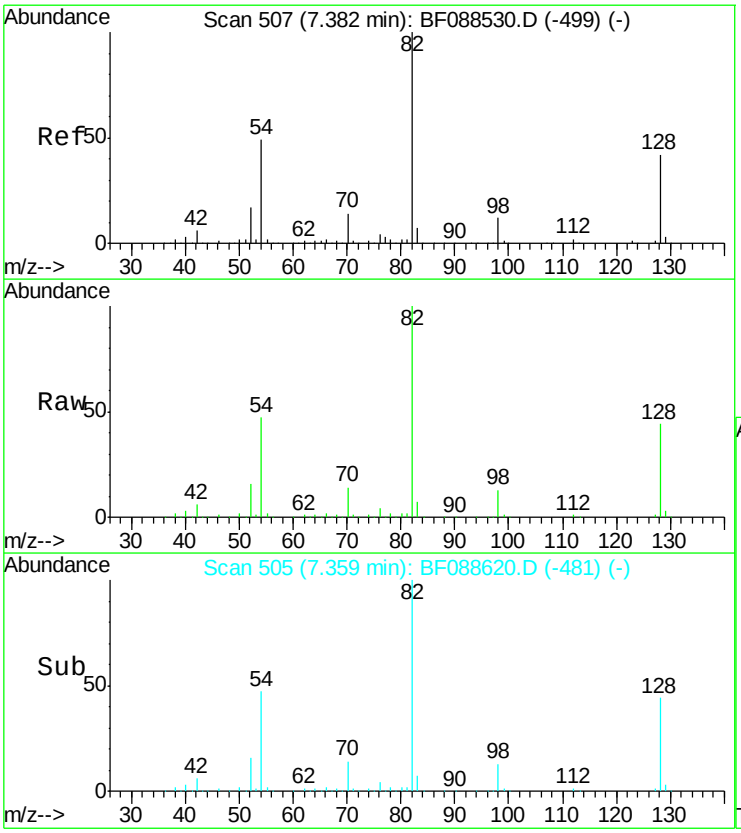
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:136 Resp: 446610

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.4	6.6	10.0
68	6.4	5.1	7.7

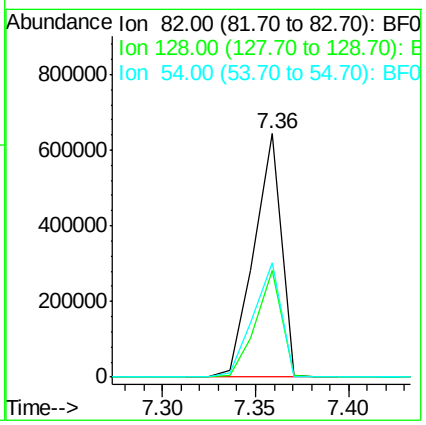


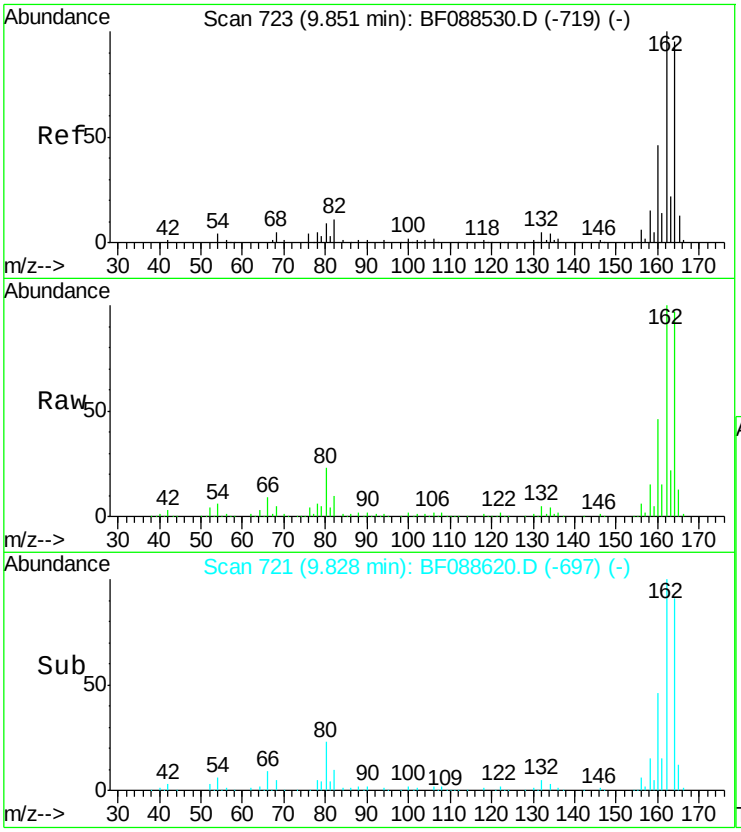


#23
Nitrobenzene-d5
Concen: 76.27 ng
RT: 7.36 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion: 82 Resp: 650025

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.9	53.9
54	46.8	40.9	61.3



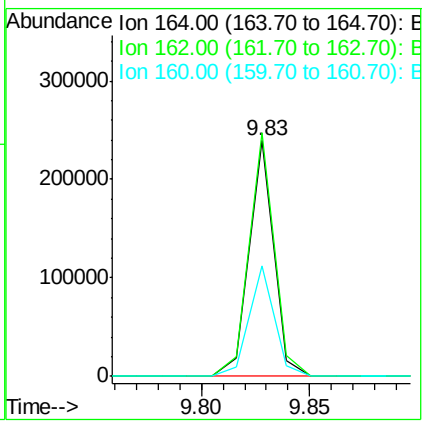


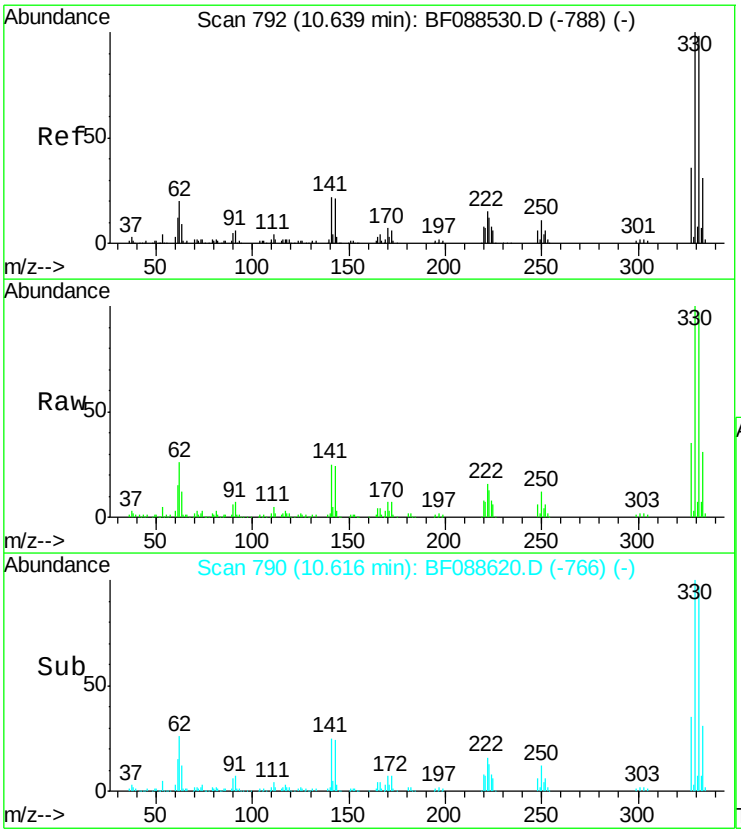
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:164 Resp: 187671

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.4	128.2
160	47.2	39.5	59.3

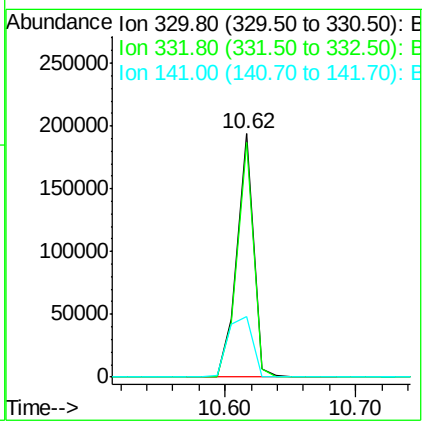


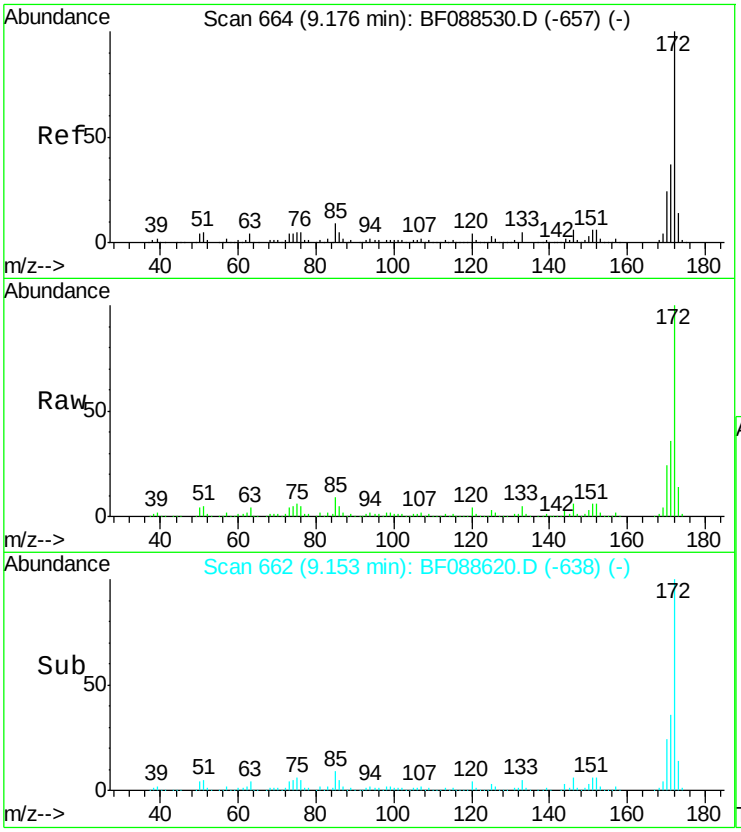


#41
2,4,6-Tribromophenol
Concen: 97.82 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:330 Resp: 170475

Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	37.4	0.0	0.0#



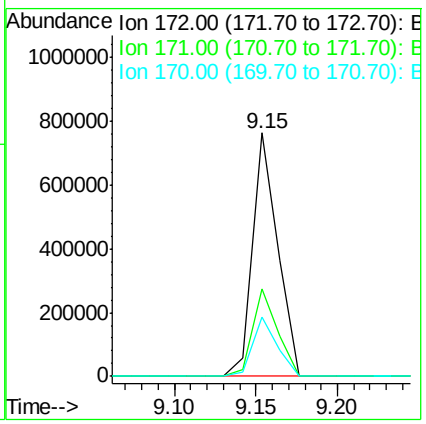


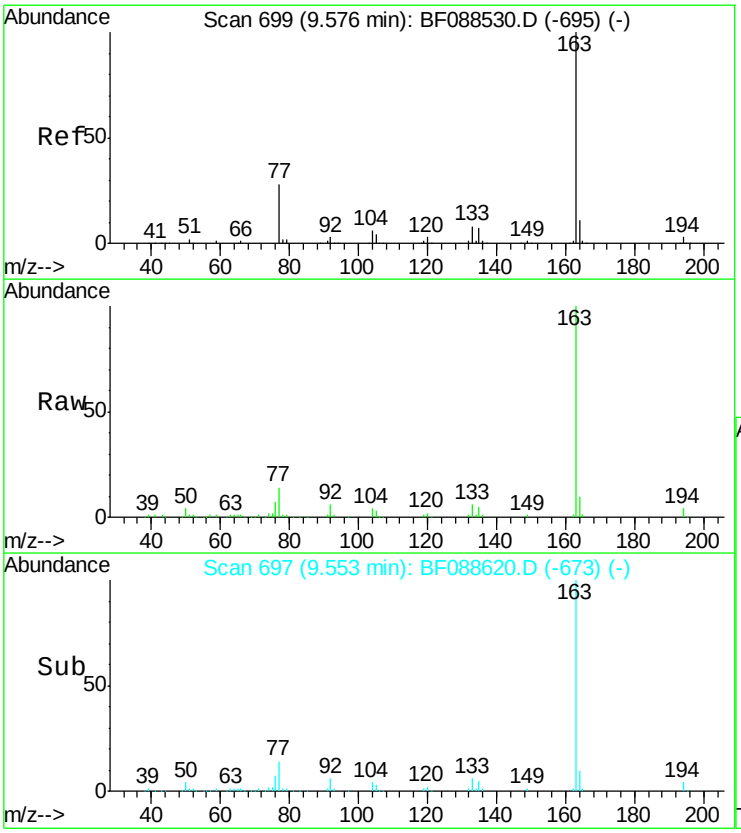
#44
2-Fluorobiphenyl
Concen: 68.58 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:172 Resp: 814808

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.1	19.2	28.8

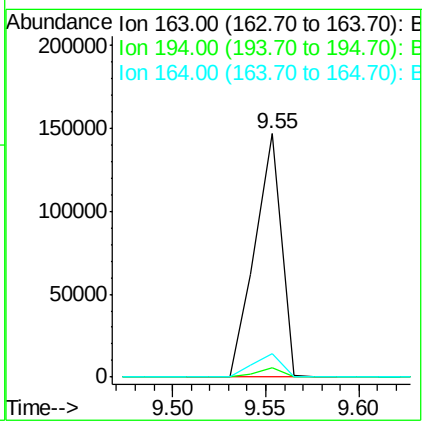


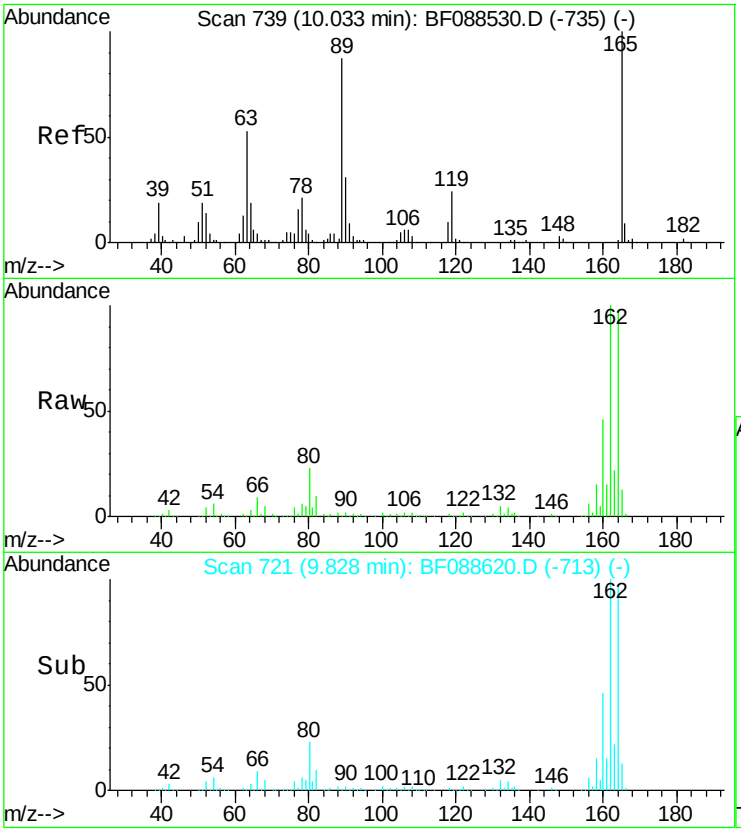


#49
Dimethylphthalate
Concen: 10.80 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:163 Resp: 144364

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.8	4.2
164	9.8	8.3	12.5



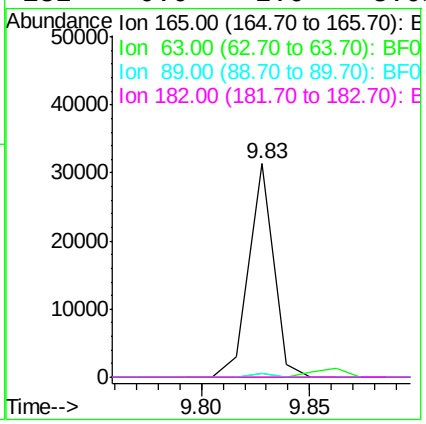


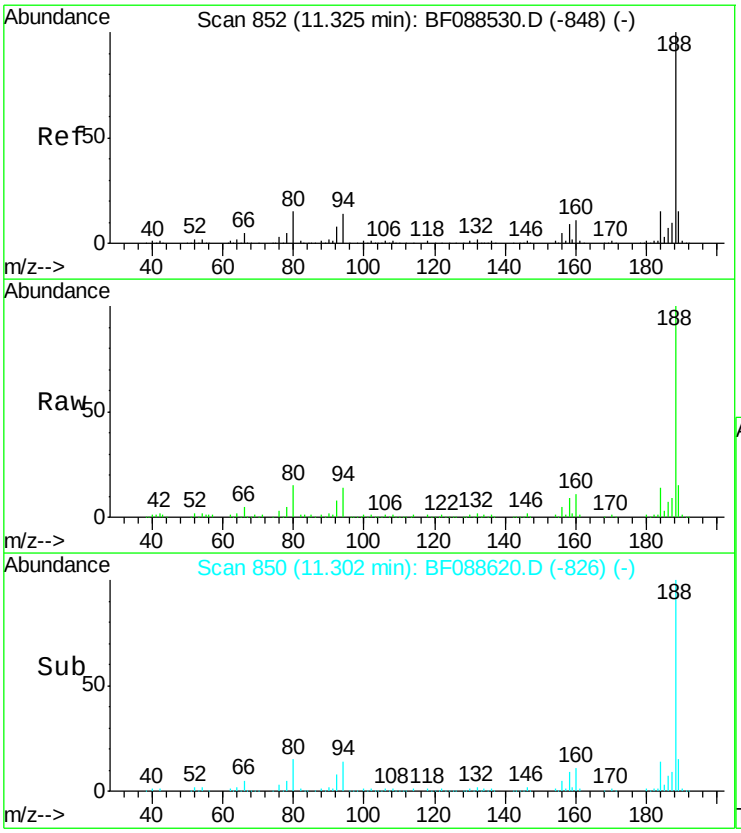
#56
2,4-Dinitrotoluene
Concen: 6.42 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.21 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:165 Resp: 24873

Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.7	41.1	61.7#
182	0.0	2.0	3.0#

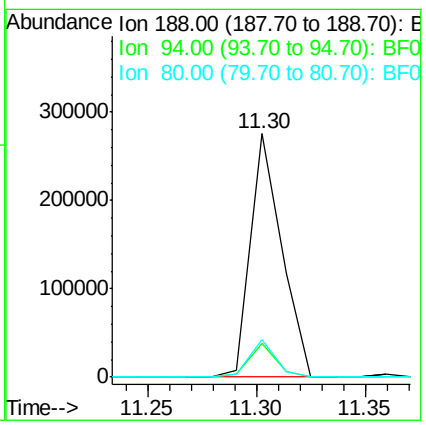


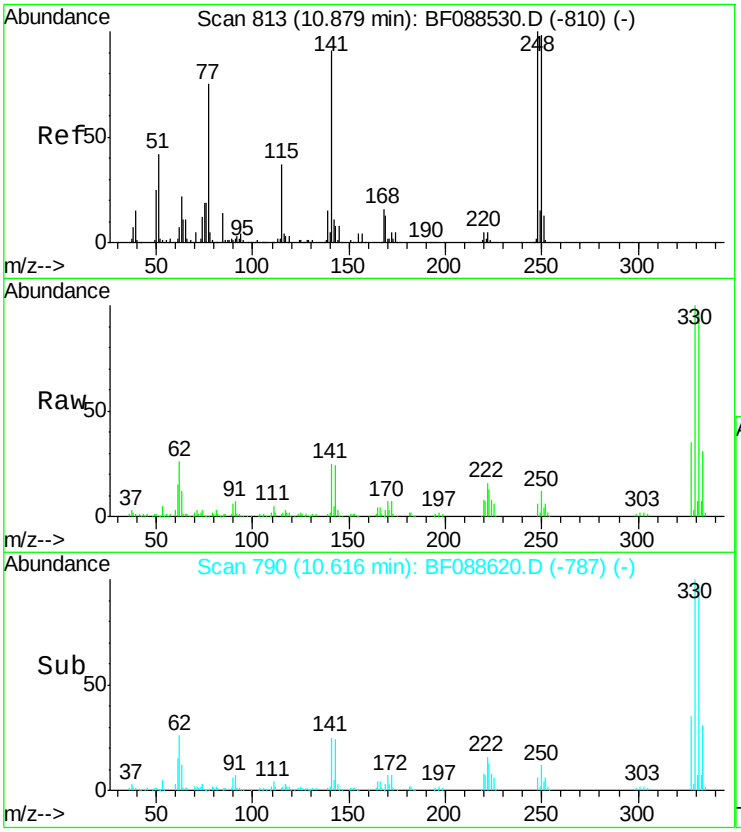


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:188 Resp: 275651

Ion	Ratio	Lower	Upper
188	100		
94	13.8	9.0	13.6#
80	15.5	10.0	15.0#



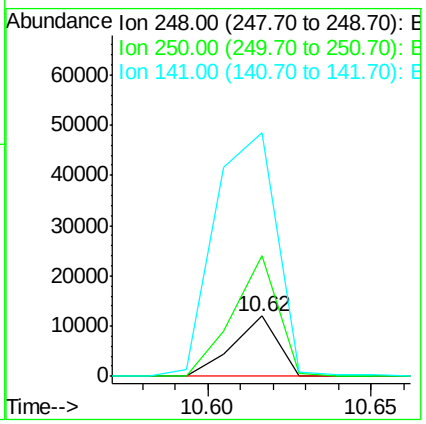


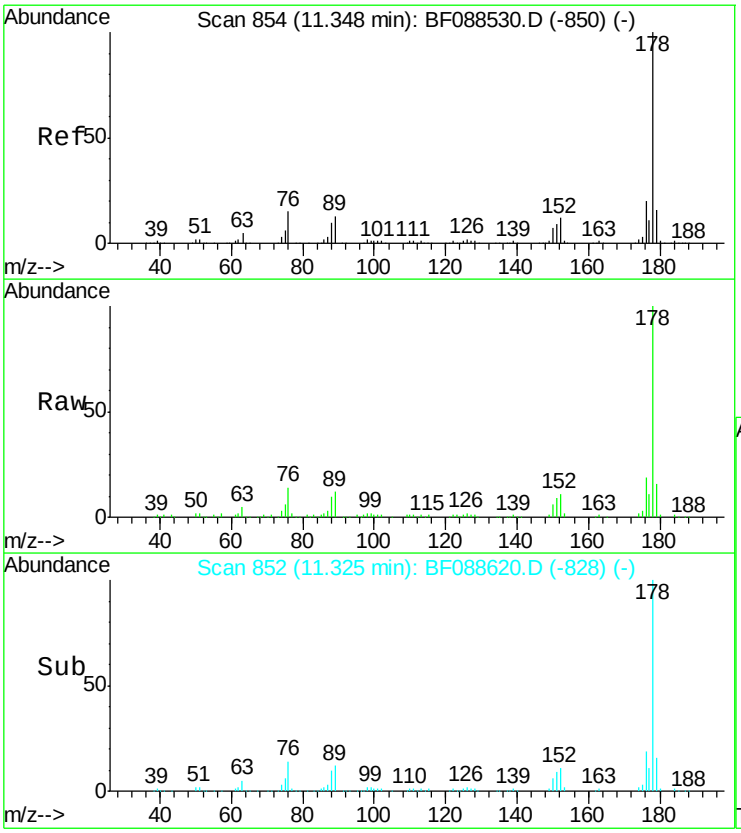
#66
4-Bromophenyl-phenylether
Concen: 4.06 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:248 Resp: 11287

Ion	Ratio	Lower	Upper
248	100		
250	201.1	77.1	115.7#
141	405.8	50.6	76.0#

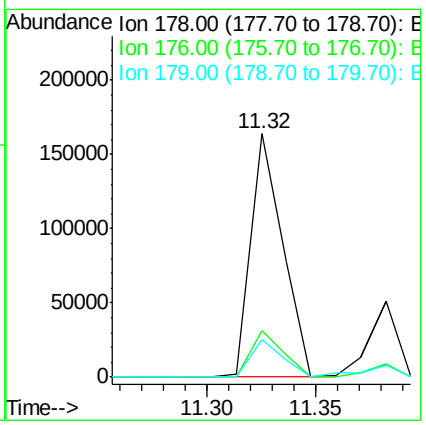


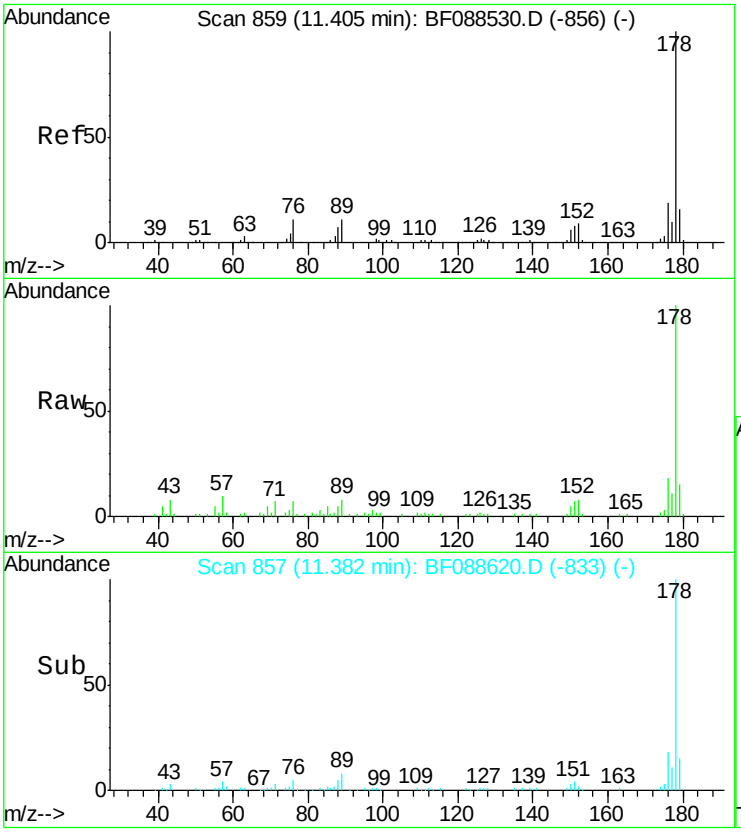


#70
Phenanthrene
Concen: 11.20 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:178 Resp: 168697

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.6
179	15.6	13.0	19.4



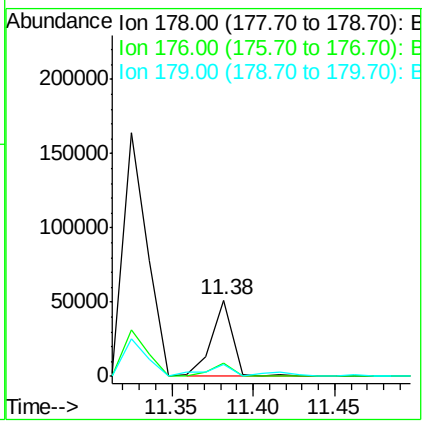


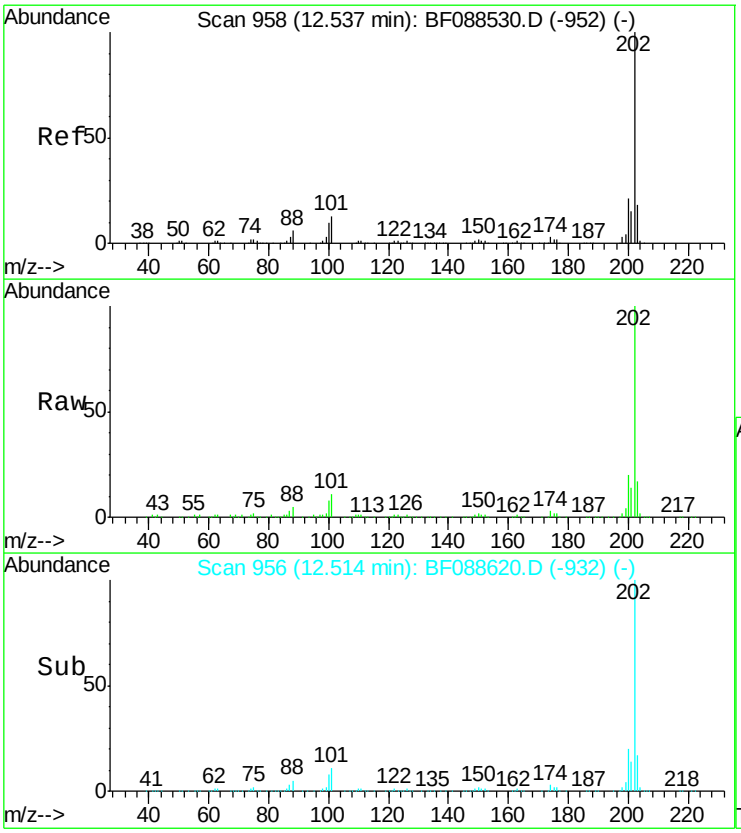
#71
Anthracene
Concen: 3.06 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:178 Resp: 45782

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.6	23.4
179	15.2	12.8	19.2

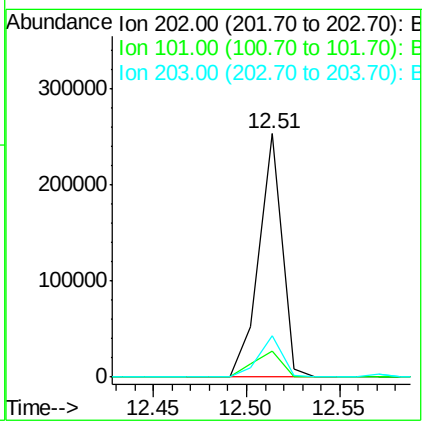


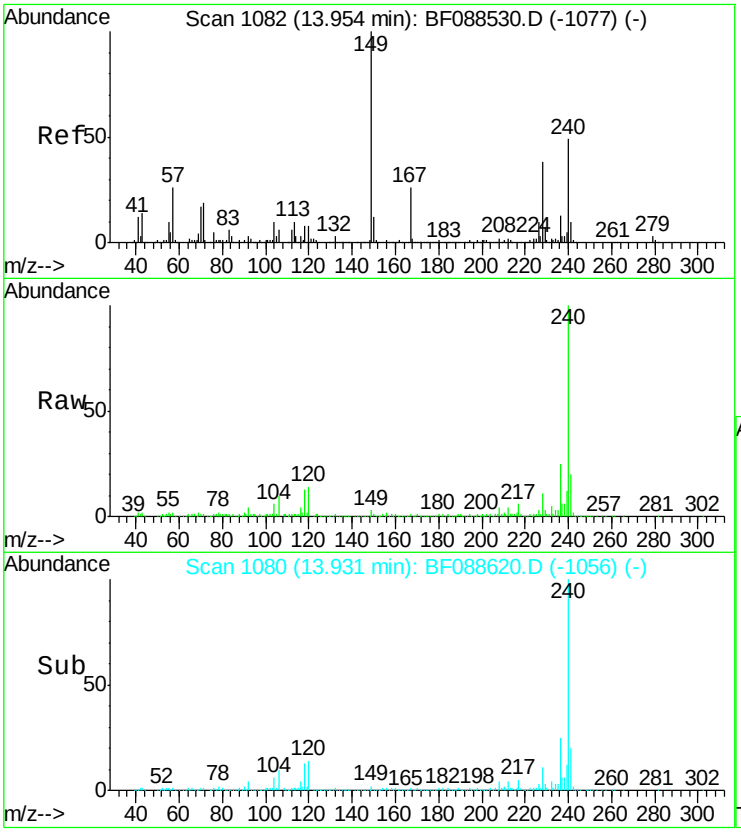


#74
Fluoranthene
Concen: 14.14 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:202 Resp: 215941

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	33.1
203	17.3	0.0	38.1



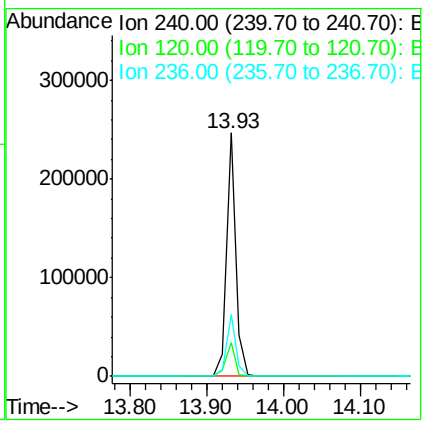


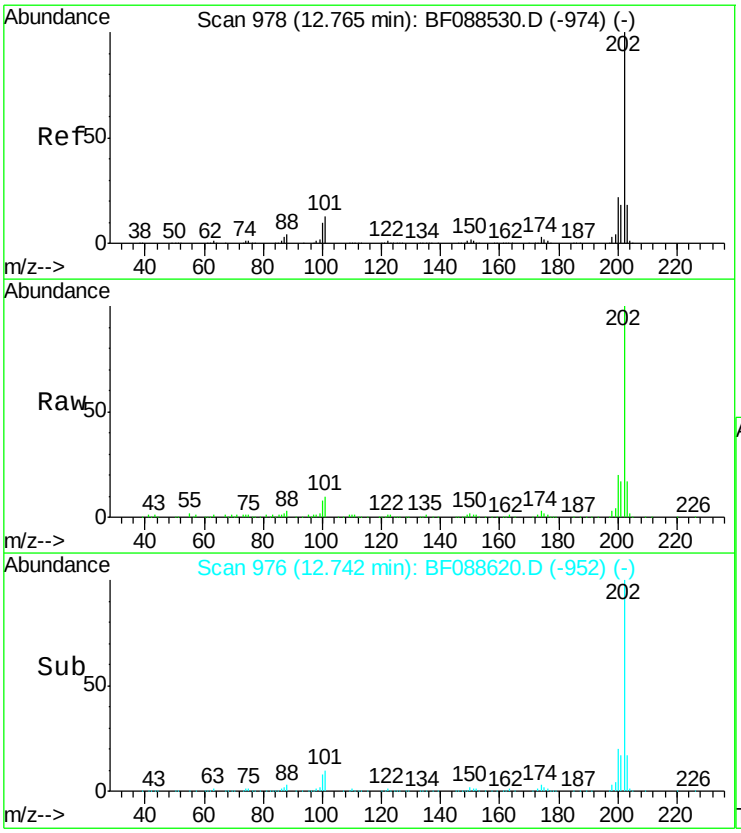
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1080
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:240 Resp: 218174

Ion	Ratio	Lower	Upper
240	100		
120	13.9	6.8	10.2#
236	25.4	20.2	30.2

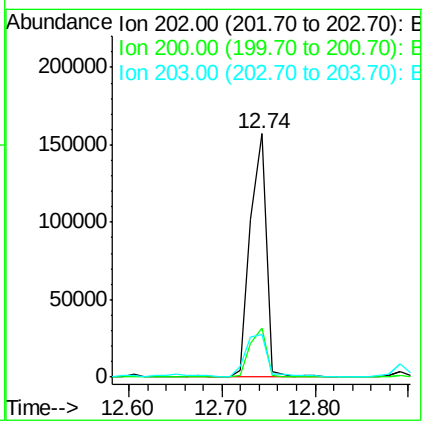


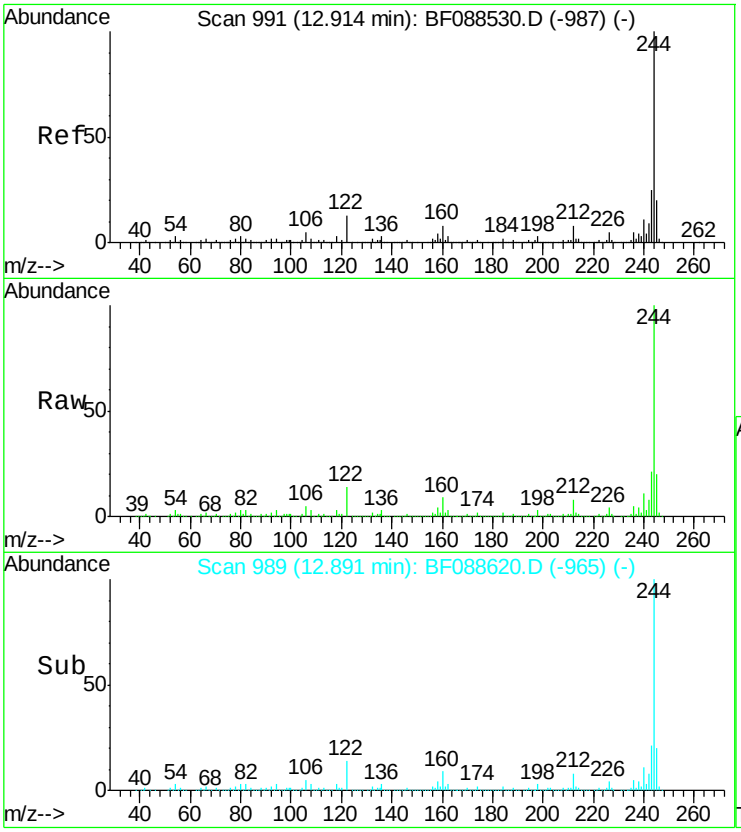


#77
Pyrene
Concen: 10.18 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:202 Resp: 188280

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.4	26.2
203	17.5	14.5	21.7



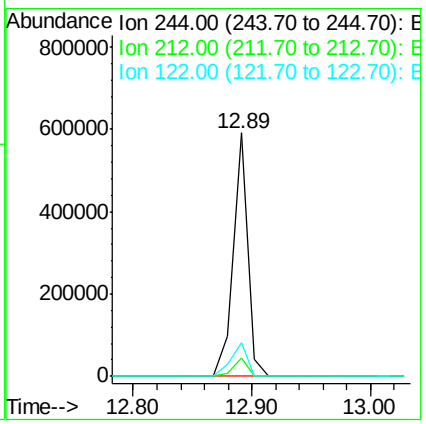


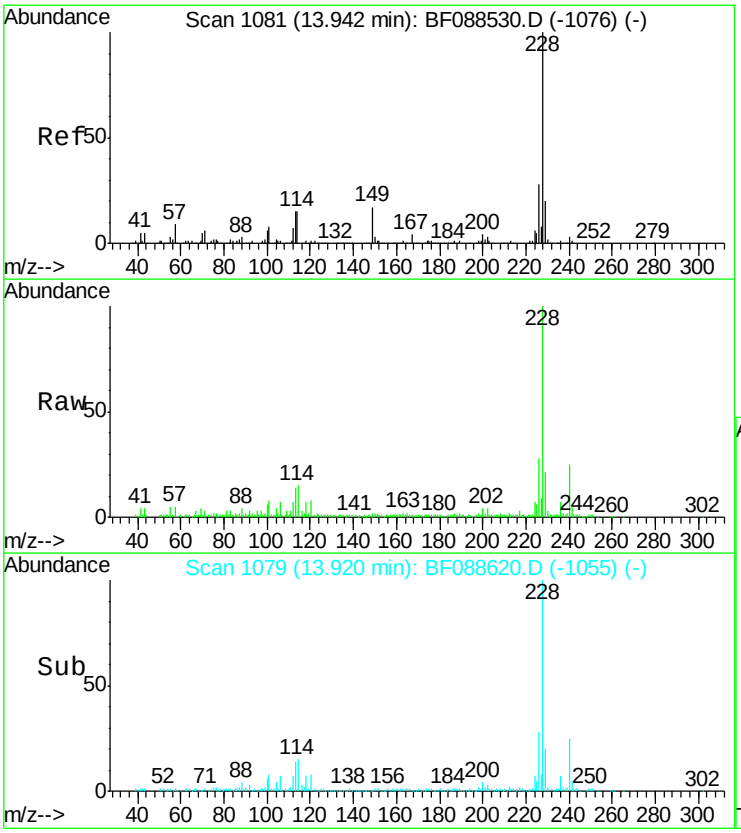
#78
Terphenyl-d14
Concen: 51.41 ng
RT: 12.89 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:244 Resp: 503543

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.7	11.2	16.8

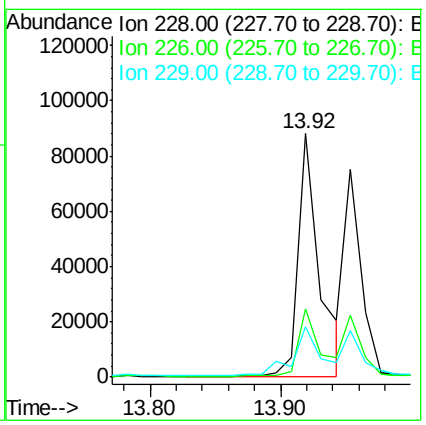


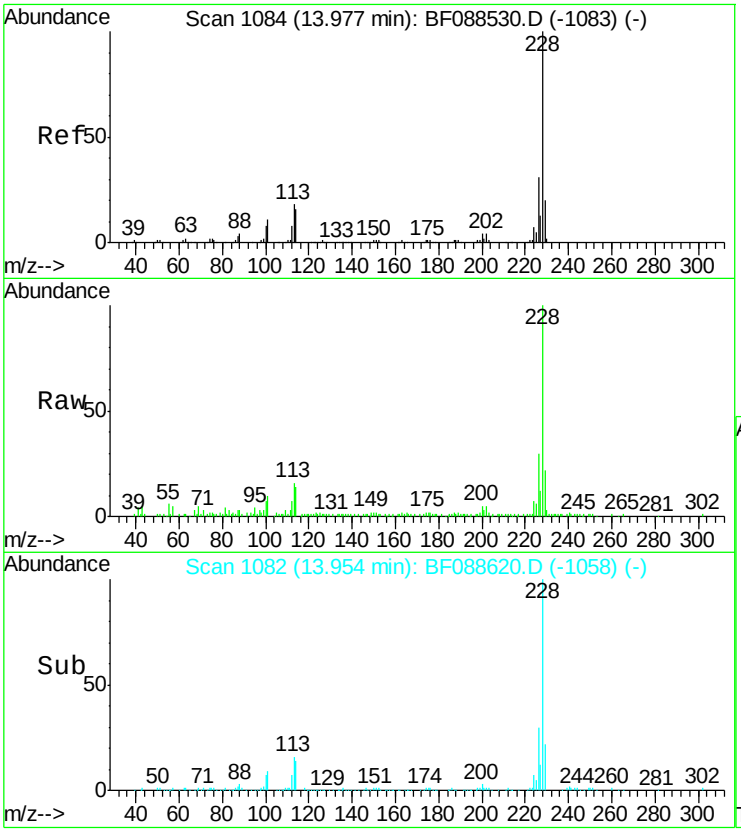


#80
Benzo(a)anthracene
Concen: 7.19 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:228 Resp: 101011

Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.8	16.0	24.0



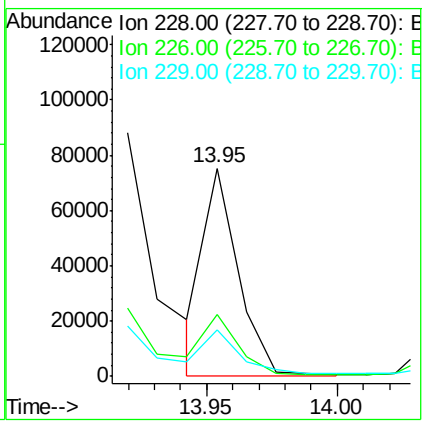


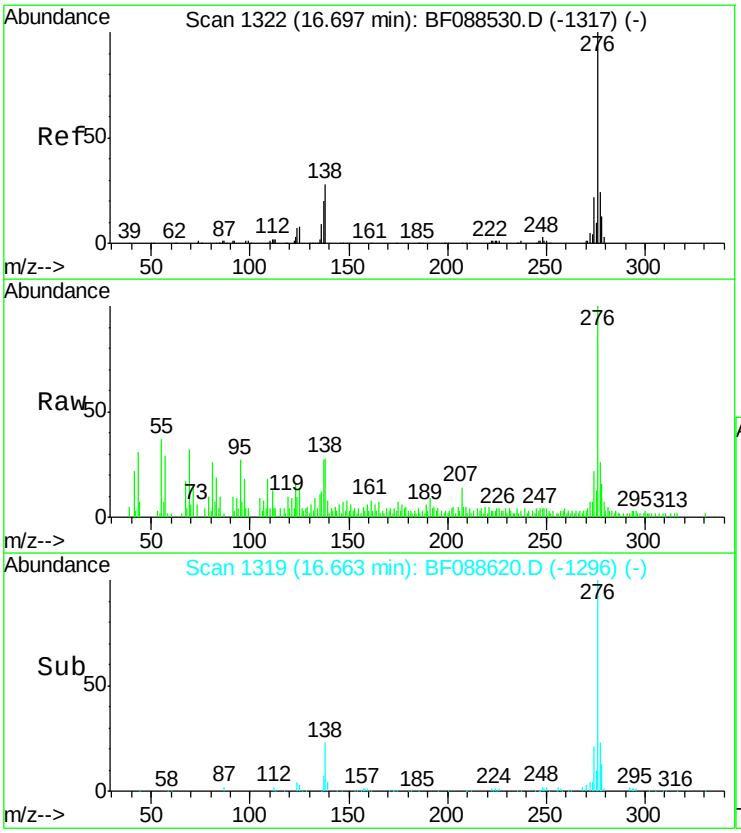
#82
Chrysene
Concen: 4.94 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:228 Resp: 68695

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.2
229	22.4	16.3	24.5

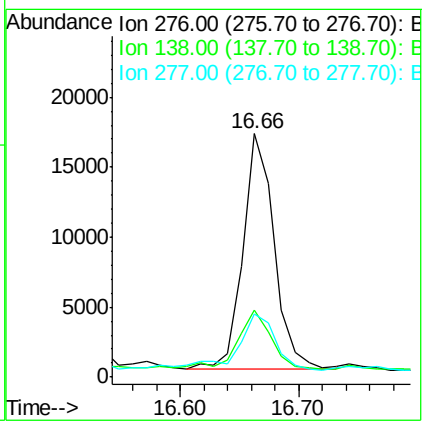


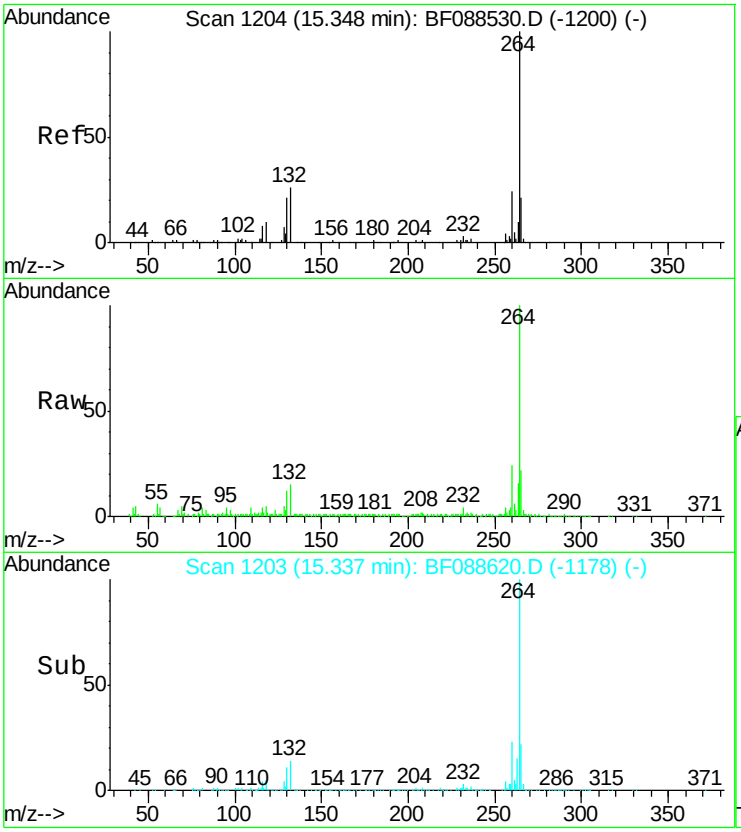


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.03 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:276 Resp: 30976

Ion	Ratio	Lower	Upper
276	100		
138	28.2	0.0	0.0#
277	31.0	0.0	0.0#



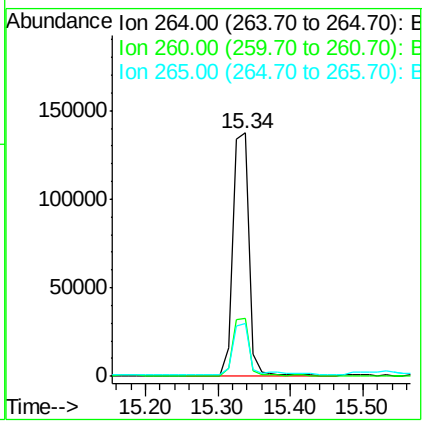


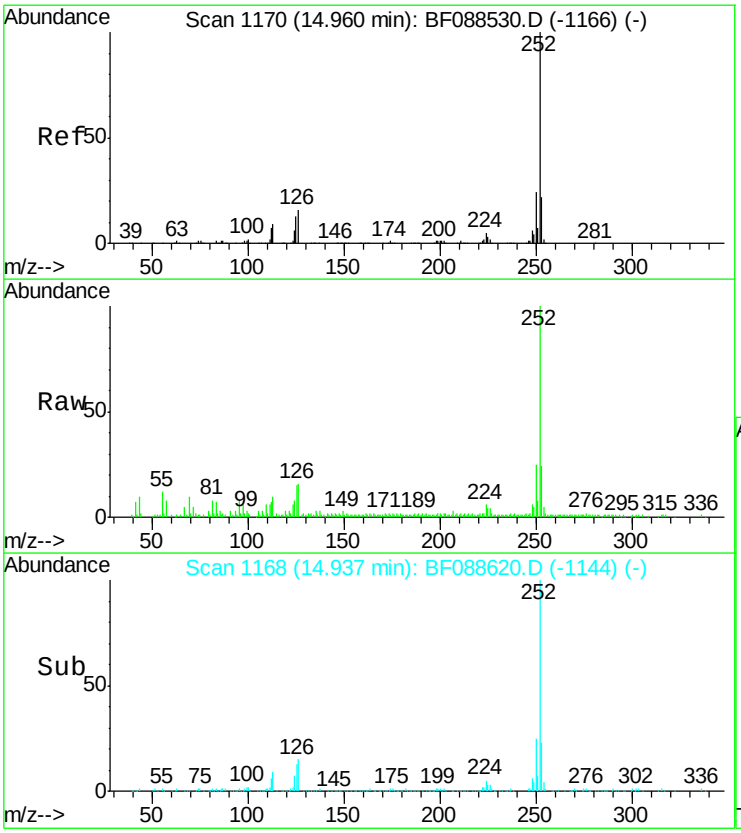
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:264 Resp: 209559

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	16.9	25.3

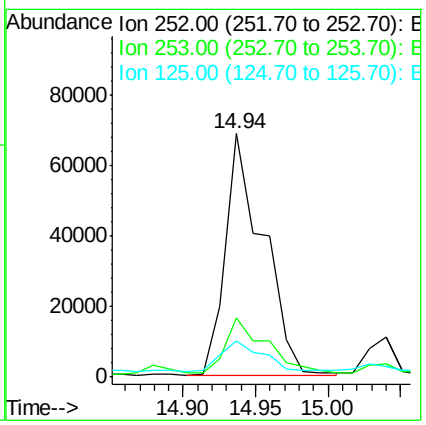


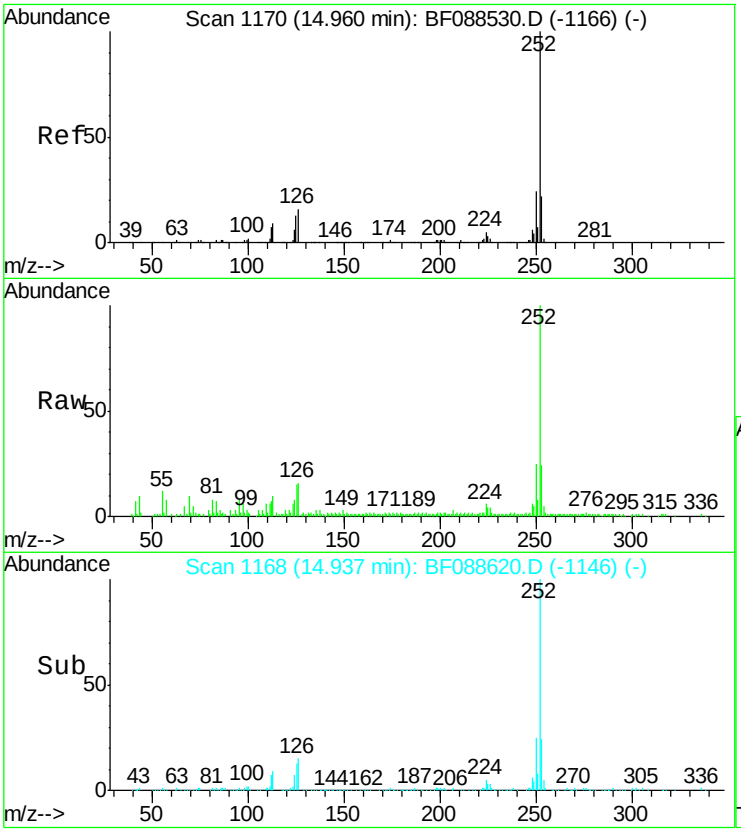


#87
Benzo(b)fluoranthene
Concen: 9.42 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:252 Resp: 123808

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.4	26.2
125	14.9	7.1	10.7#



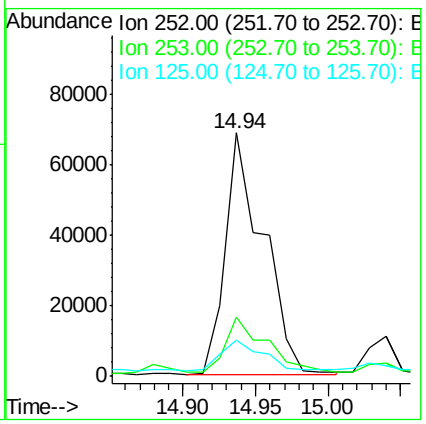


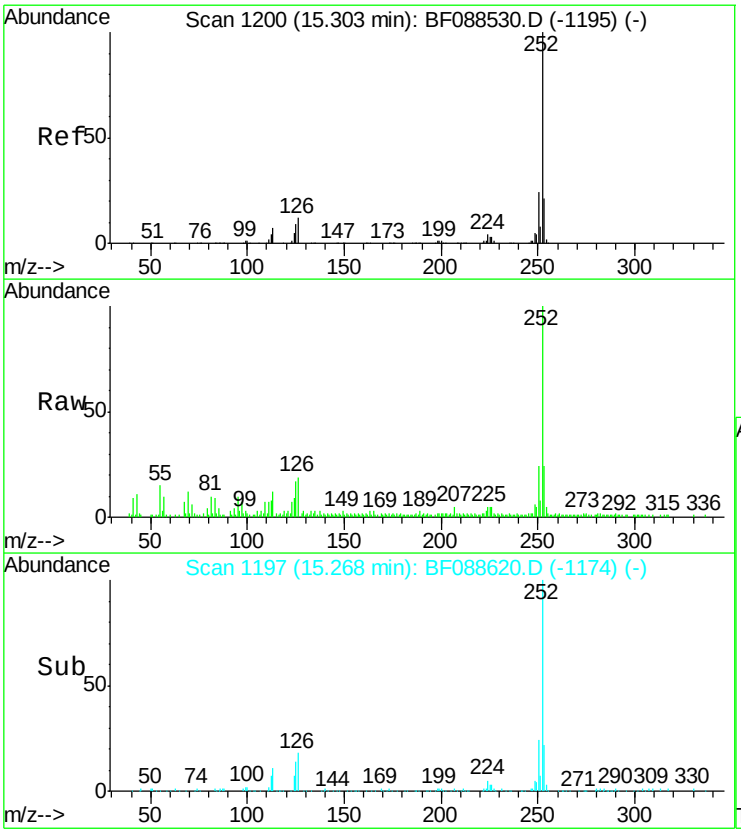
#88
Benzo(k)fluoranthene
Concen: 10.82 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.05 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:252 Resp: 123808

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	14.9	11.2	16.8

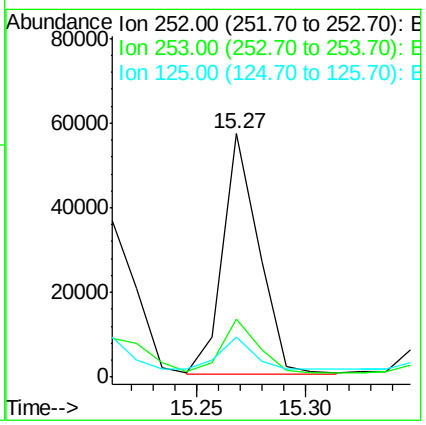


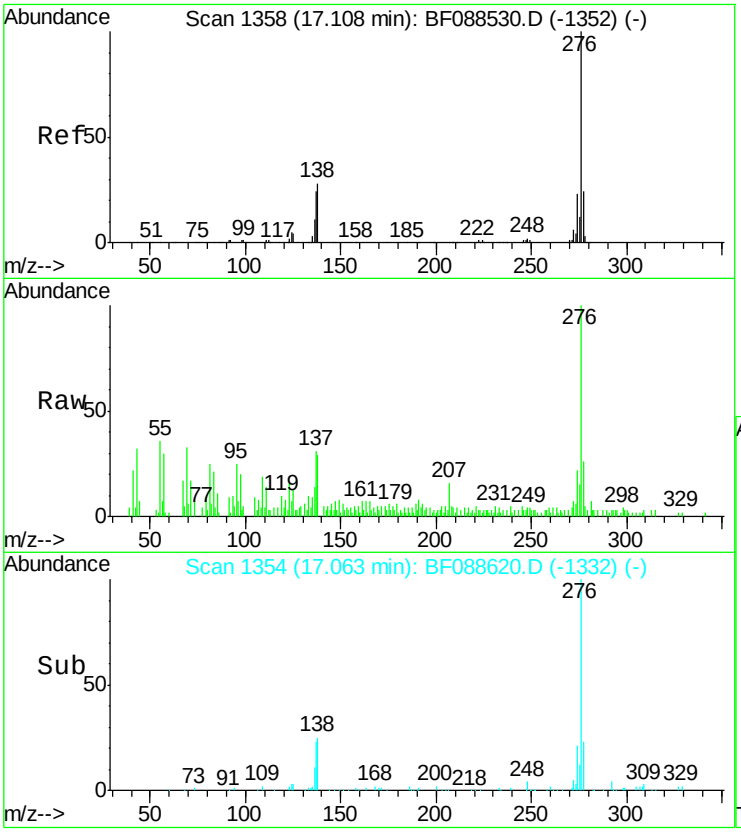


#89
Benzo(a)pyrene
Concen: 5.87 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.03 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Tgt Ion:252 Resp: 65326

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.9	26.9
125	16.7	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.16 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.05 min
Lab File: BF088620.D
Acq: 2 Jul 2016 16:40

Instrument :
BNA_F
ClientSampleId :
L8-B1(0-12)C

Tgt Ion:276 Resp: 30377

Ion	Ratio	Lower	Upper
276	100		
277	26.4	18.9	28.3
138	29.4	21.4	32.2