Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089002.D
Acq On : 14 Jul 2016 23:21
Operator : UM/SJ
Sample : H3996-27
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D8-B2(0-5)C

Quant Time: Jul 15 01:19:29 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	6.68	152	57773	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	212056	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	85124	20.00	ng		-0.03
63) Phenanthrene-d10	11.19	188	135260	20.00	ng		-0.03
75) Chrysene-d12	13.82	240	119134	20.00	ng		-0.03
86) Perylene-d12	15.18	264	93414	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	296936	77.03	ng		-0.01
7) Phenol-d6	6.34	99	440563	88.45	ng		-0.01
23) Nitrobenzene-d5	7.26	82	275778	68.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	55708	70.47	ng		-0.03
44) 2-Fluorobiphenyl	9.05	172	460621	85.47	ng		-0.02
78) Terphenyl-d14	12.78	244	298173	55.75	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	36985	11.05	ng	#	68
49) Dimethylphthalate	9.44	163	77761	12.82	ng		99
56) 2,4-Dinitrotoluene	9.71	165	10939	6.22	ng	#	36
66) 4-Bromophenyl-phenylether	10.50	248	4813	3.53	ng	#	1
70) Phenanthrene	11.21	178	33806	4.57	ng		99
74) Fluoranthene	12.40	202	65123	8.69	ng		94
77) Pyrene	12.62	202	56993	5.64	ng		98
80) Benzo(a)anthracene	13.81	228	28846	3.76	ng		96
82) Chrysene	13.84	228	32999	4.35	ng		96
83) Bis(2-ethylhexyl)phthalate	13.82	149	22291	4.33	ng		98
85) Indeno(1,2,3-cd)pyrene	16.46	276	16303	2.79	ng	#	100
87) Benzo(b)fluoranthene	14.81	252	53003	9.05	ng	#	95
88) Benzo(k)fluoranthene	14.81	252	53003	10.39	ng		98
89) Benzo(a)pyrene	15.07	252	20838	4.20	ng		96
91) Benzo(g,h,i)perylene	16.83	276	15674	3.66	ng		96

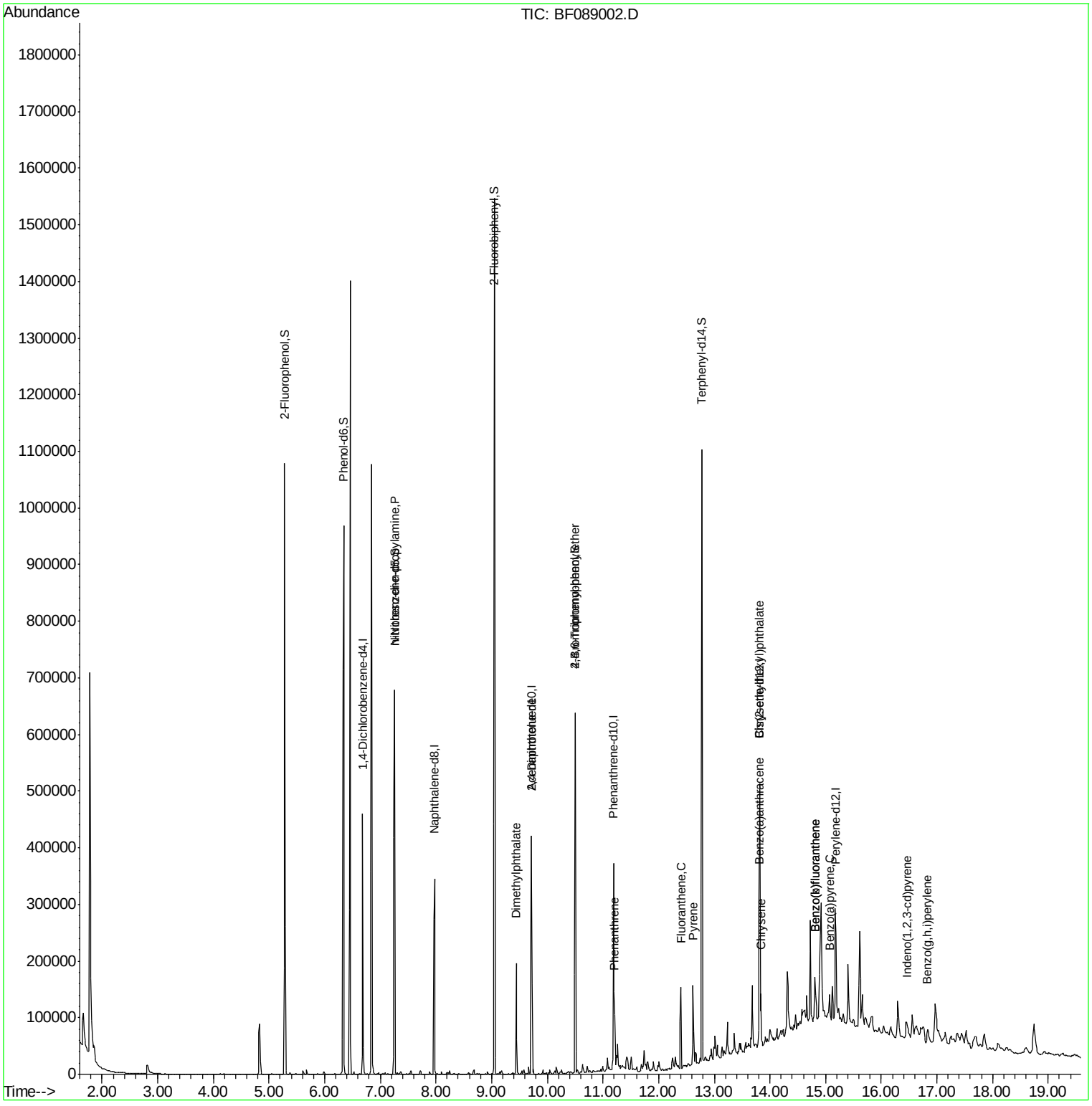
(#) = qualifier out of range (m) = manual integration (+) = signals summed

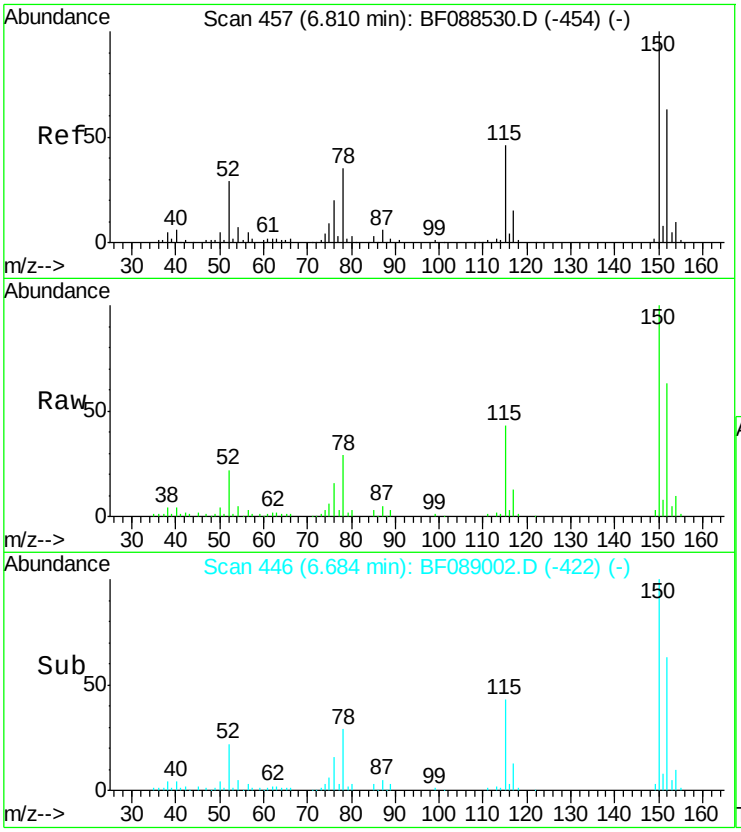
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089002.D
Acq On : 14 Jul 2016 23:21
Operator : UM/SJ
Sample : H3996-27
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Quant Time: Jul 15 01:19:29 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



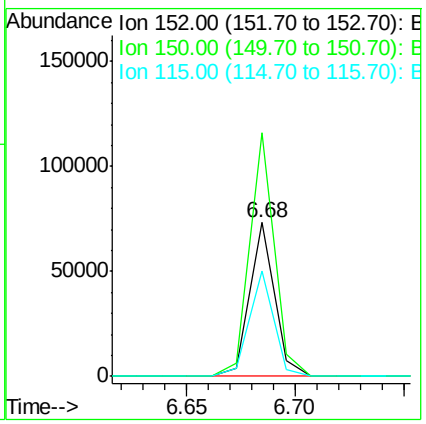


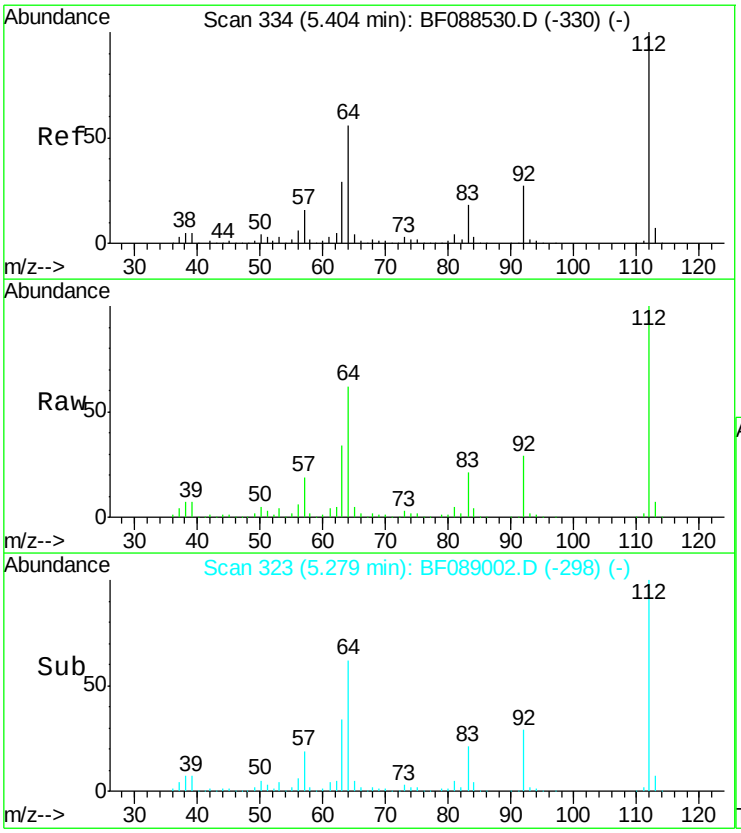
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:152 Resp: 57773

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.8	185.6
115	68.4	39.6	59.4#

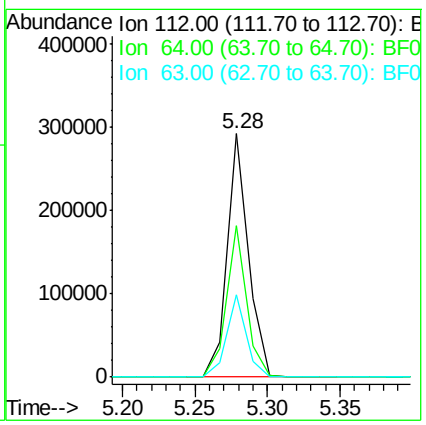


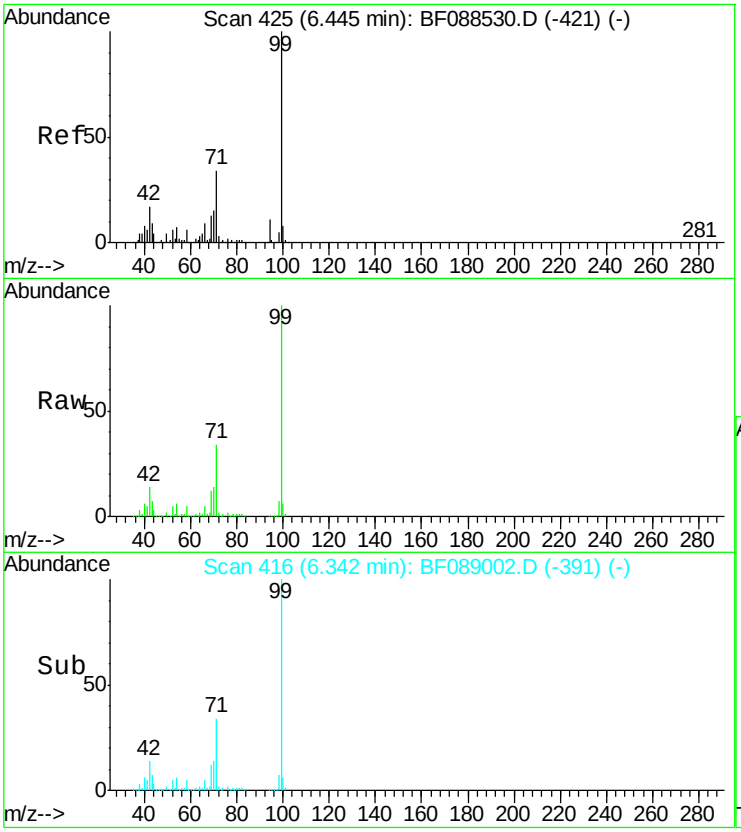


#5
2-Fluorophenol
Concen: 77.03 ng
RT: 5.28 min Scan# 323
Delta R.T. -0.01 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:112 Resp: 296936

Ion	Ratio	Lower	Upper
112	100		
64	62.4	42.2	63.2
63	33.7	21.8	32.8#



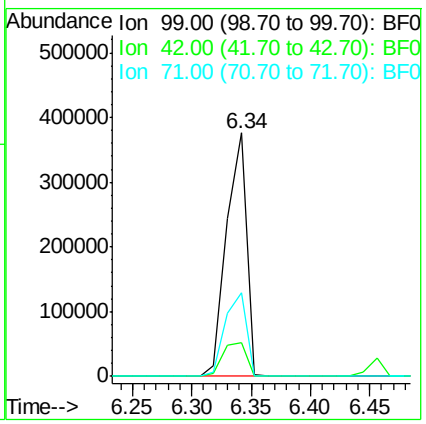


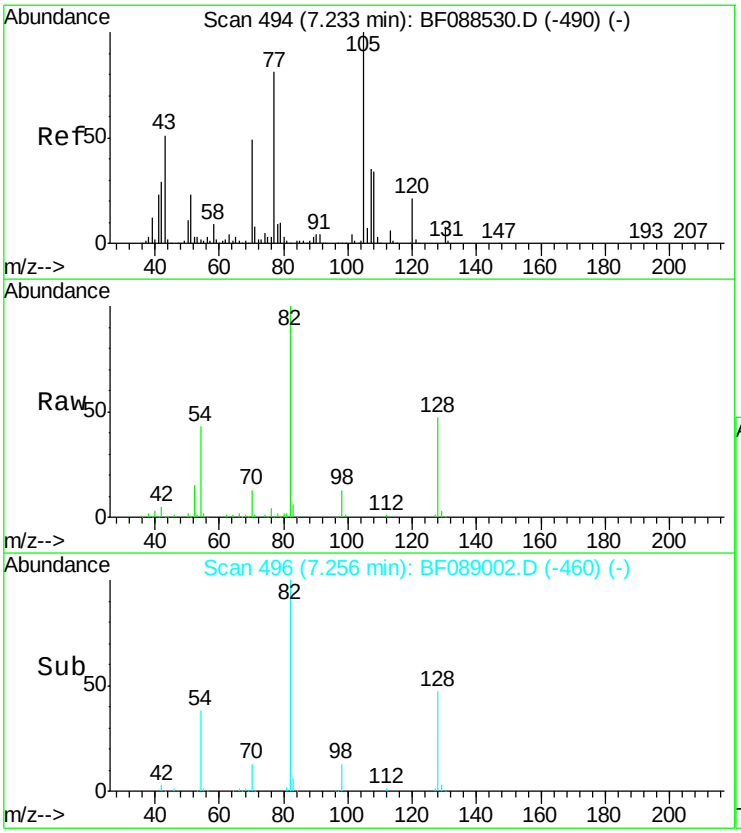
#7
Phenol-d6
Concen: 88.45 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion: 99 Resp: 440563

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.2	18.2
71	34.2	23.4	35.0

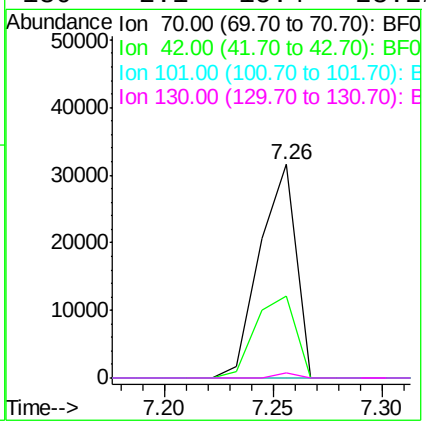


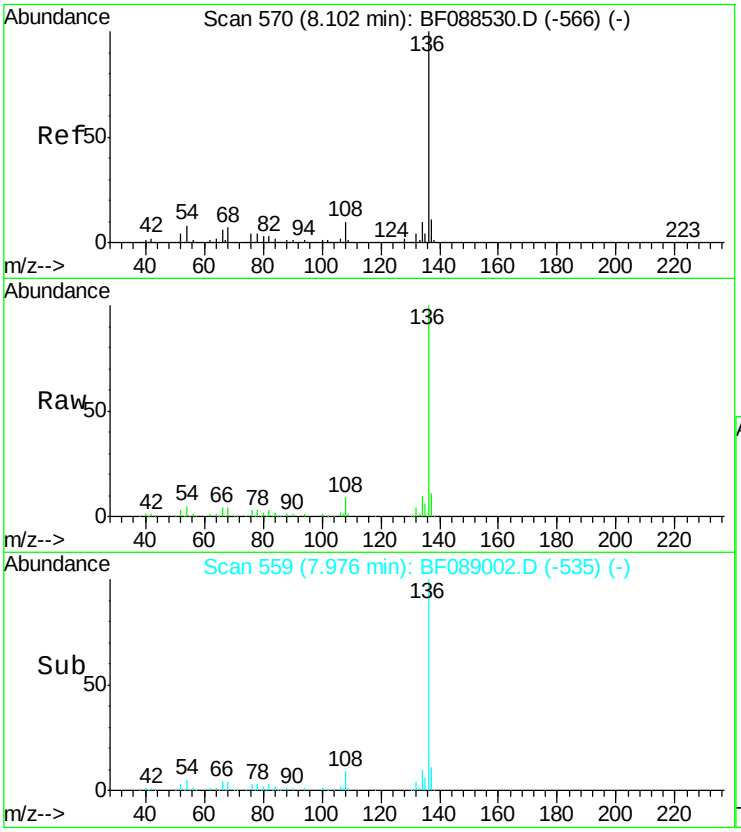


#19
n-Nitroso-di-n-propylamine
Concen: 11.05 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion: 70 Resp: 36985

Ion	Ratio	Lower	Upper
70	100		
42	38.1	49.6	74.4#
101	0.0	7.1	10.7#
130	2.1	15.4	23.2#



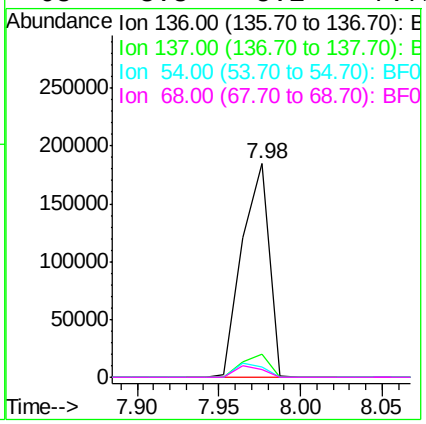


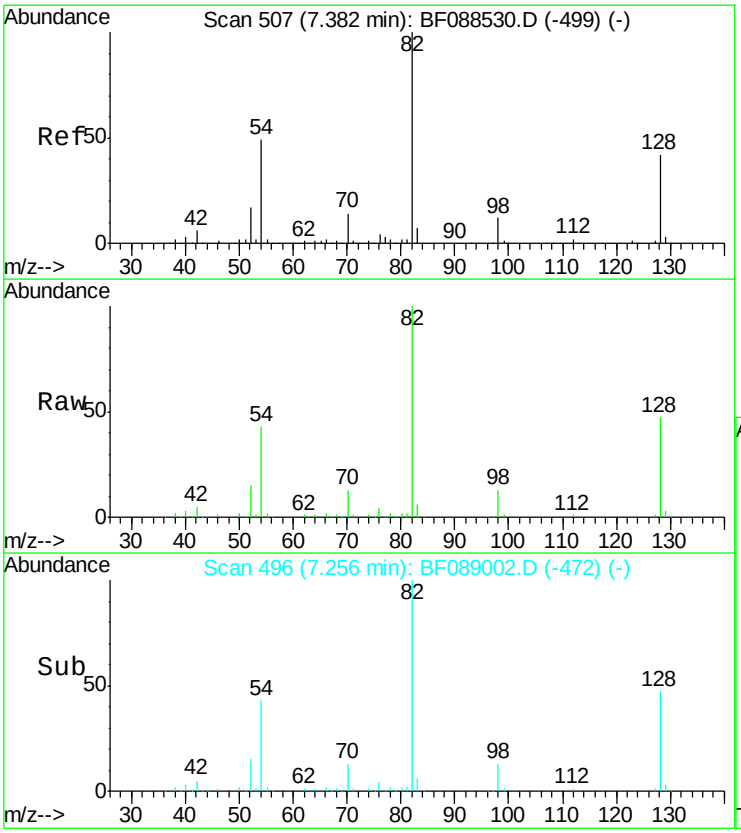
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:136 Resp: 212056

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	4.8	6.6	10.0#
68	3.8	5.1	7.7#

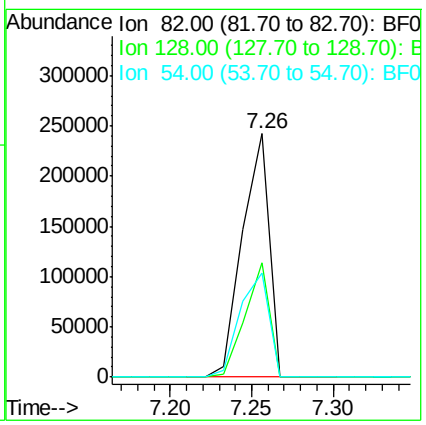


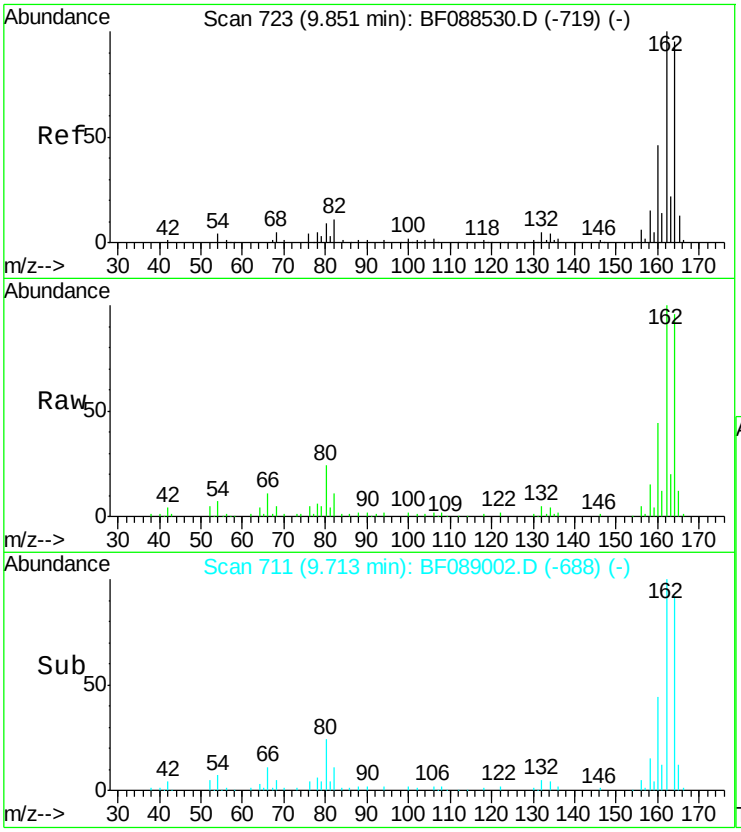


#23
Nitrobenzene-d5
Concen: 68.15 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion: 82 Resp: 275778

Ion	Ratio	Lower	Upper
82	100		
128	47.1	35.9	53.9
54	42.7	40.9	61.3



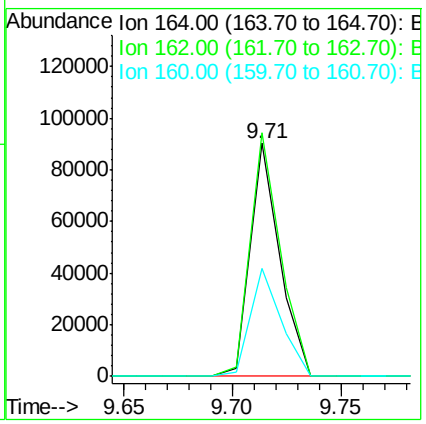


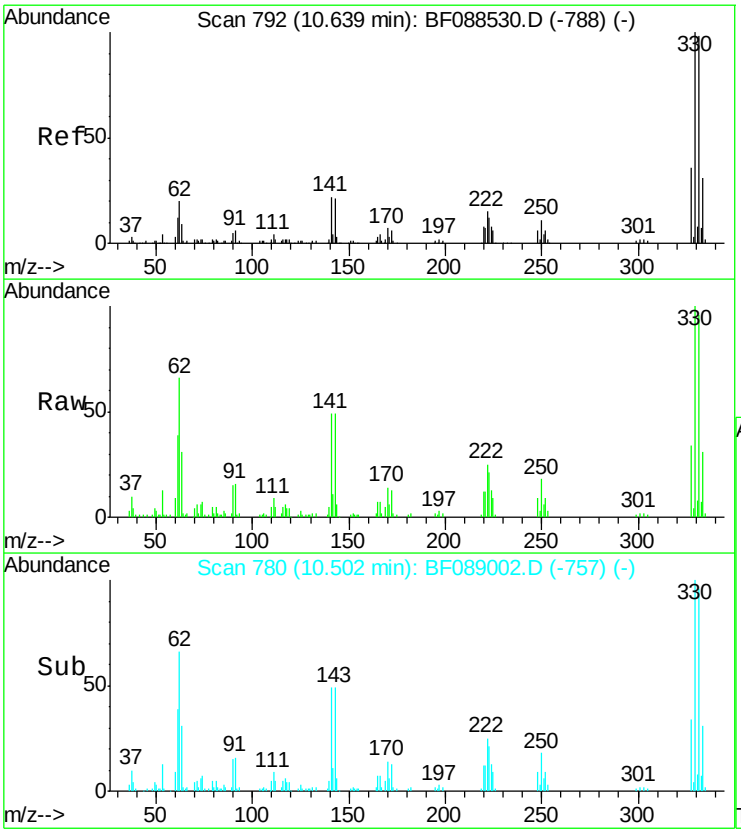
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:164 Resp: 85124

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	46.3	39.5	59.3

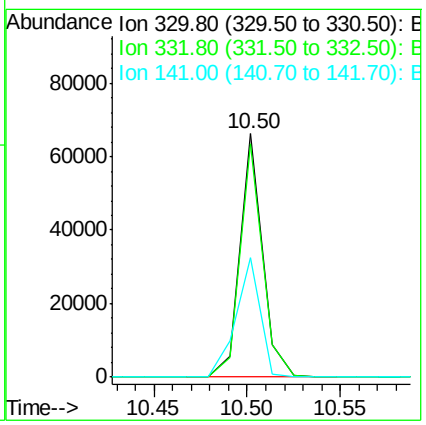


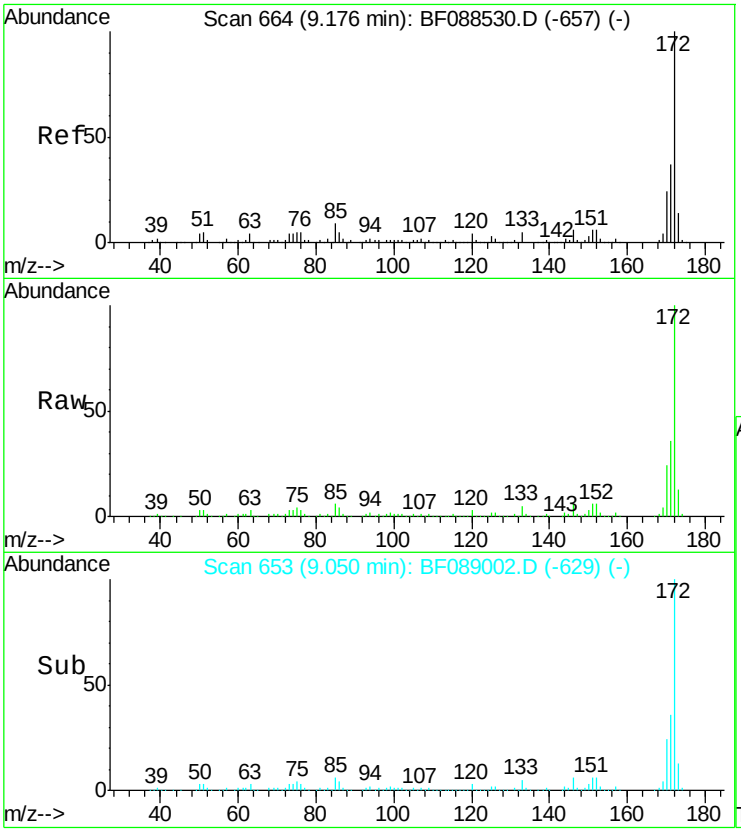


#41
2,4,6-Tribromophenol
Concen: 70.47 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:330 Resp: 55708

Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	53.6	0.0	0.0#



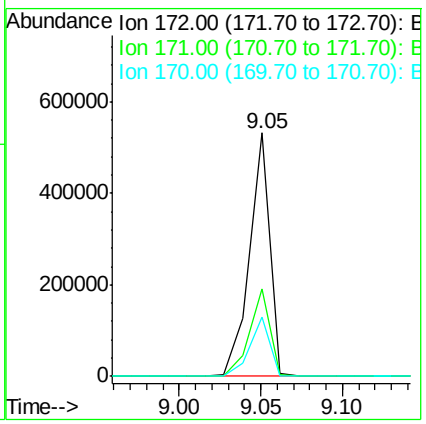


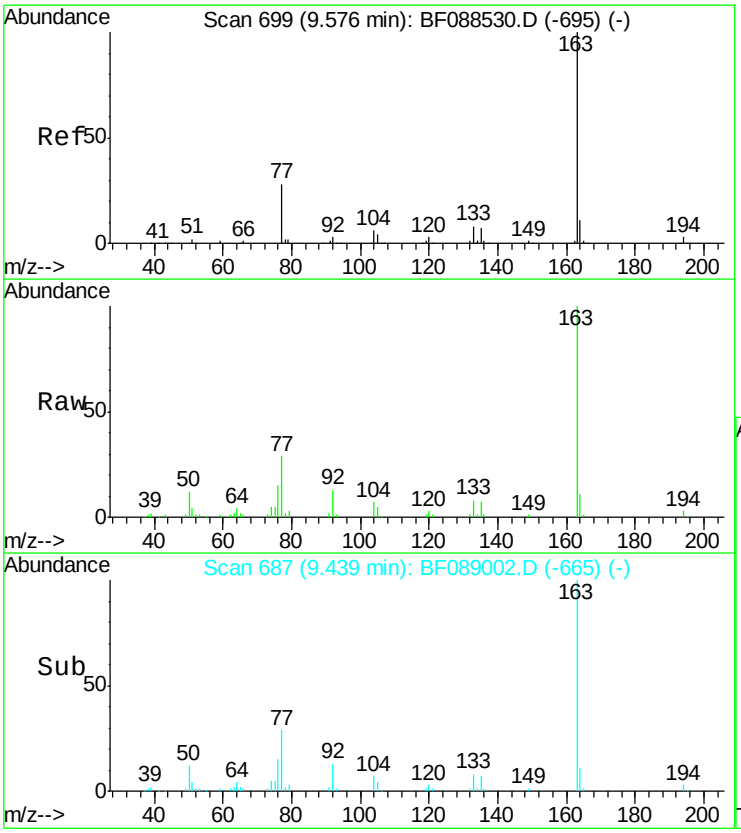
#44
2-Fluorobiphenyl
Concen: 85.47 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:172 Resp: 460621

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	24.1	19.2	28.8

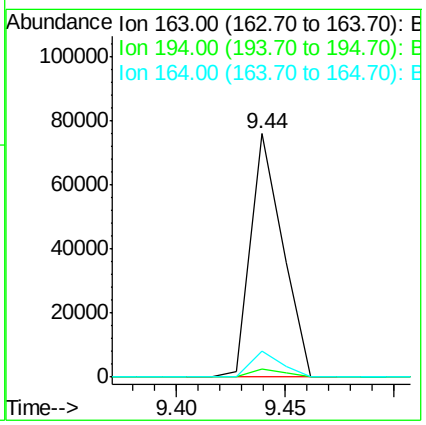


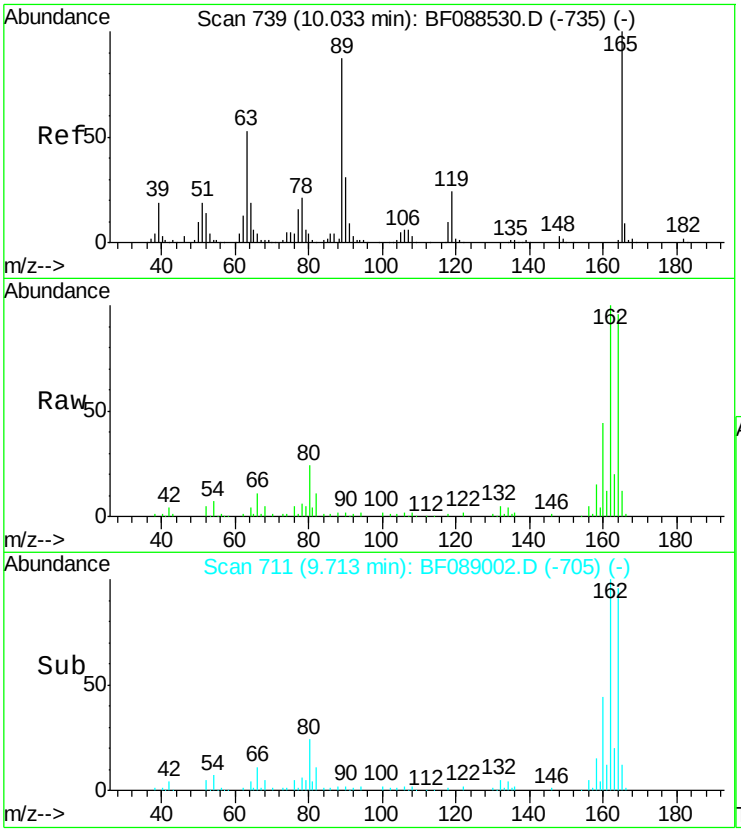


#49
Dimethylphthalate
Concen: 12.82 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.05 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:163 Resp: 77761

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.5	8.3	12.5



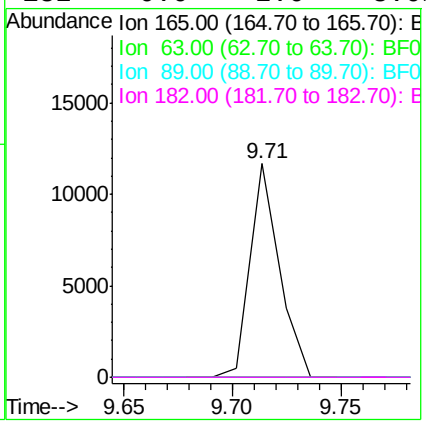


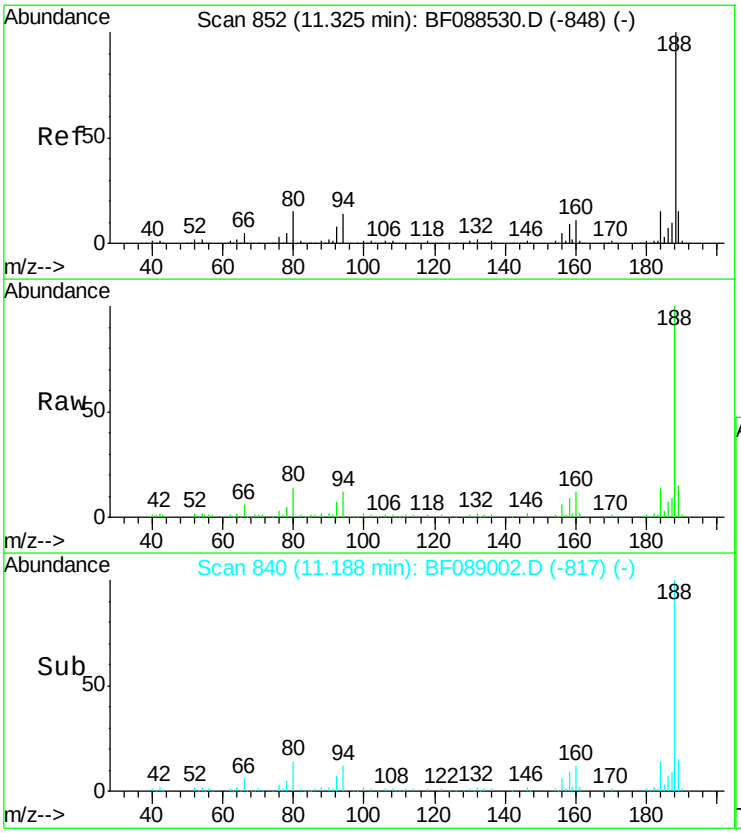
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.23 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:165 Resp: 10939

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#

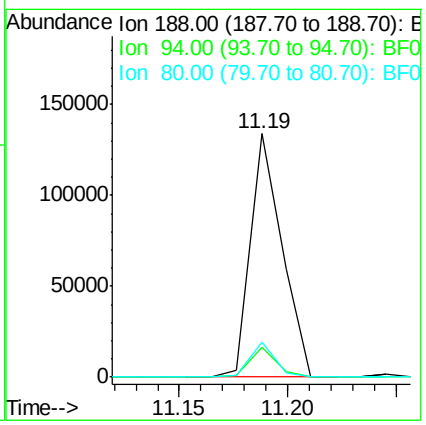


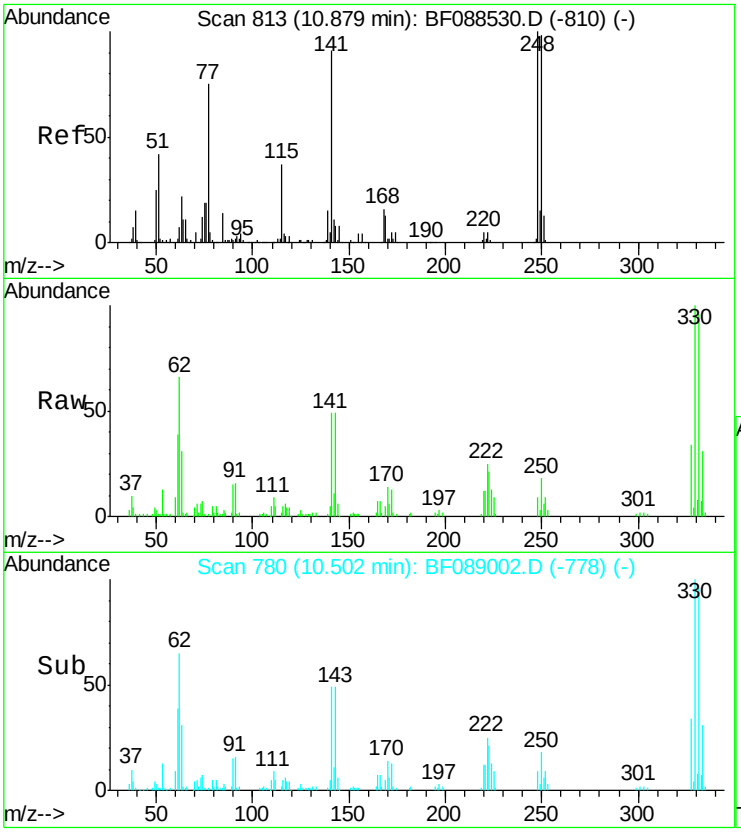


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:188 Resp: 135260

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	14.3	10.0	15.0



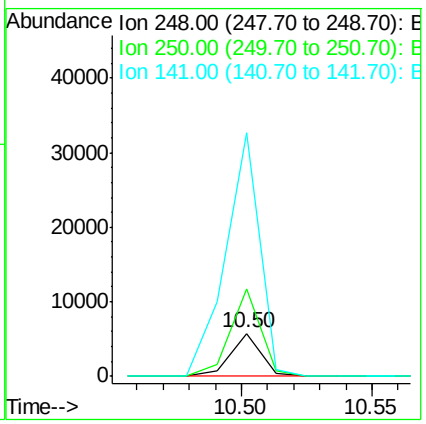


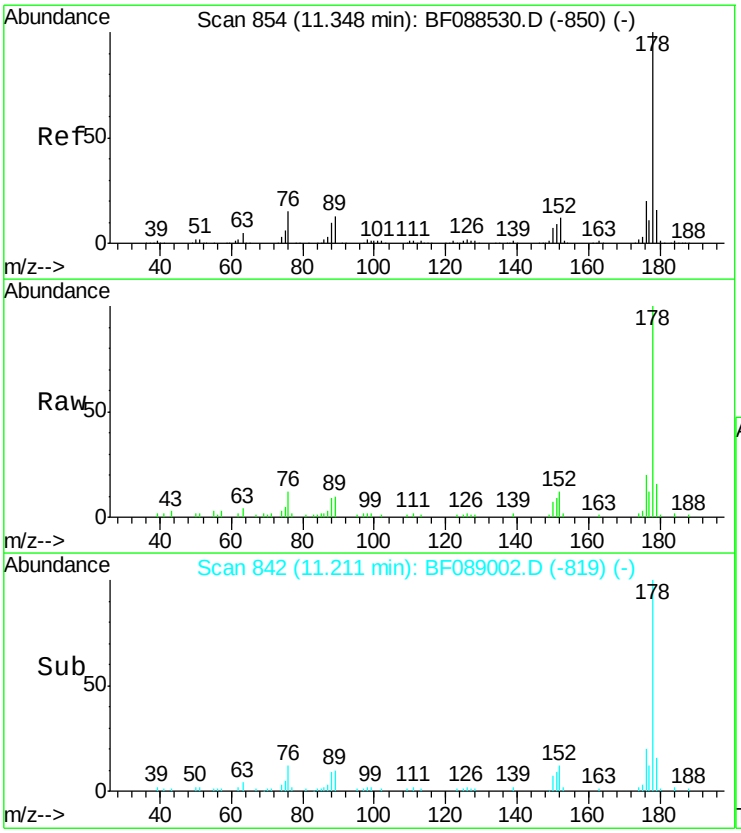
#66
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.27 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:248 Resp: 4813

Ion	Ratio	Lower	Upper
248	100		
250	202.6	77.1	115.7#
141	563.7	50.6	76.0#

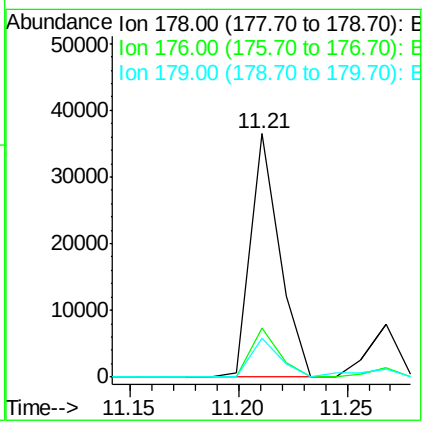


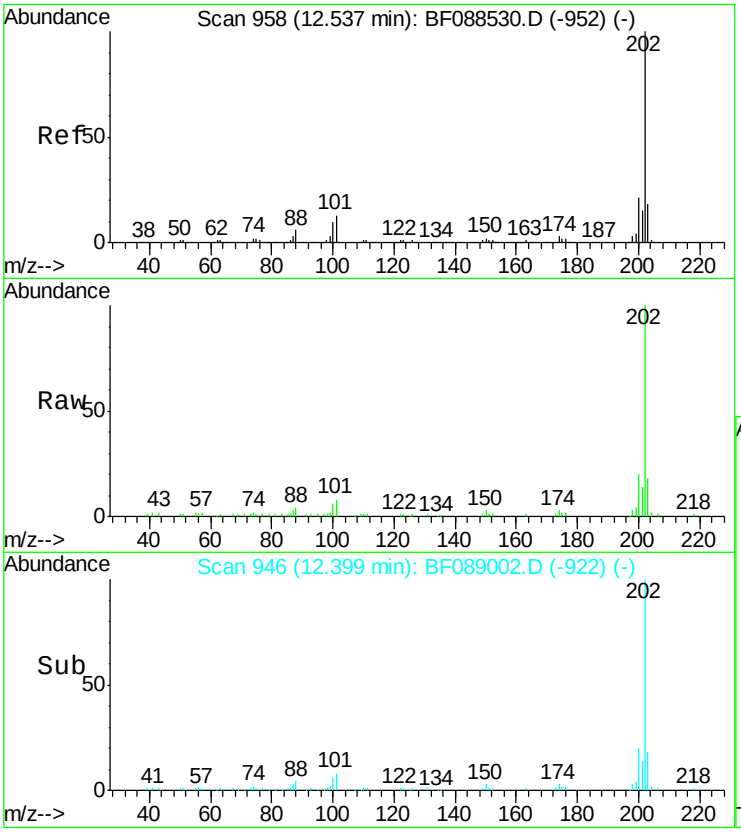


#70
Phenanthrene
Concen: 4.57 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:178 Resp: 33806

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.7	13.0	19.4



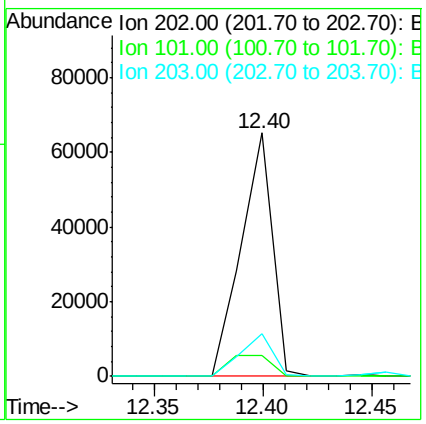


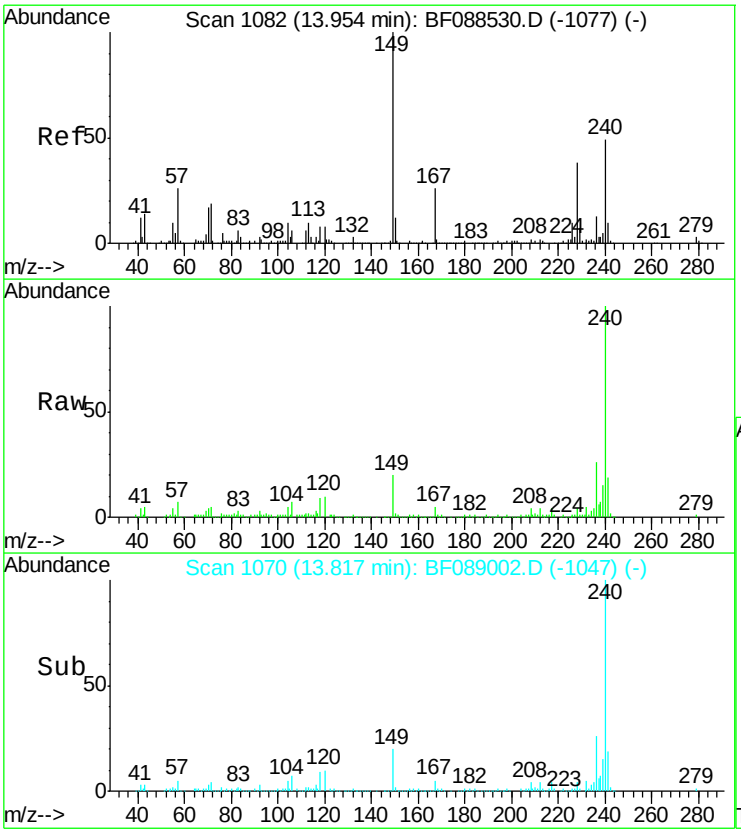
#74
Fluoranthene
Concen: 8.69 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:202 Resp: 65123

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	33.1
203	17.5	0.0	38.1

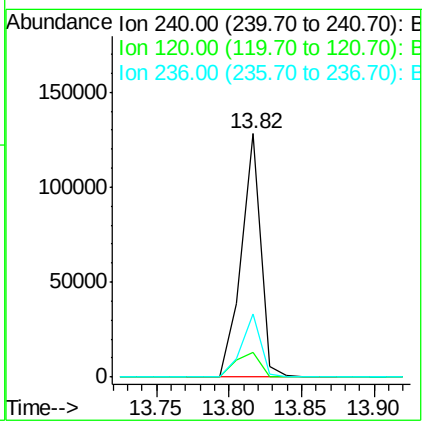


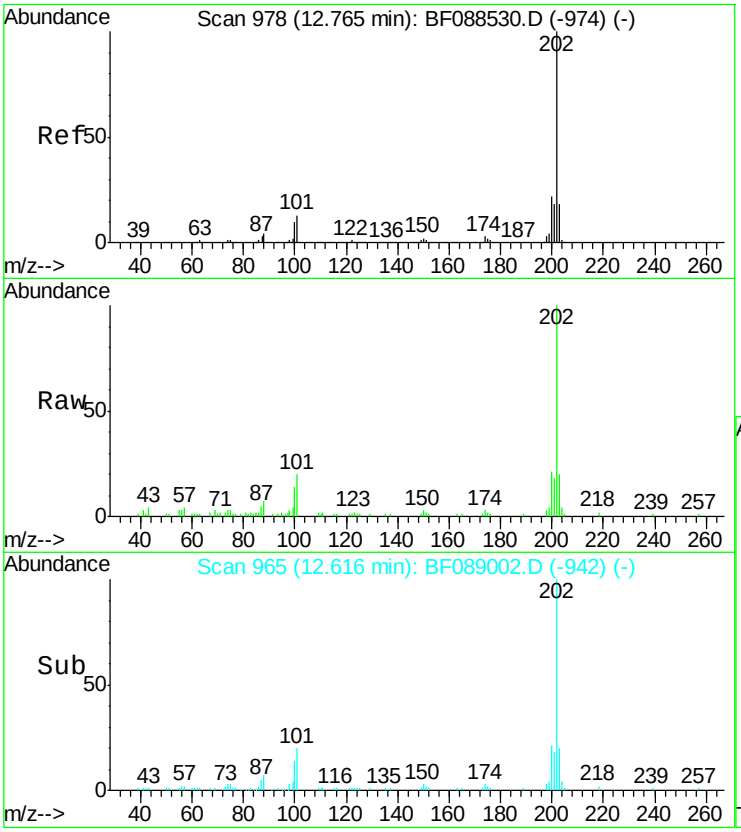


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:240 Resp: 119134

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.8	10.2
236	26.0	20.2	30.2



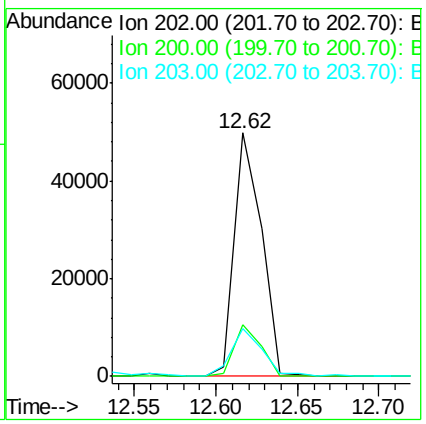


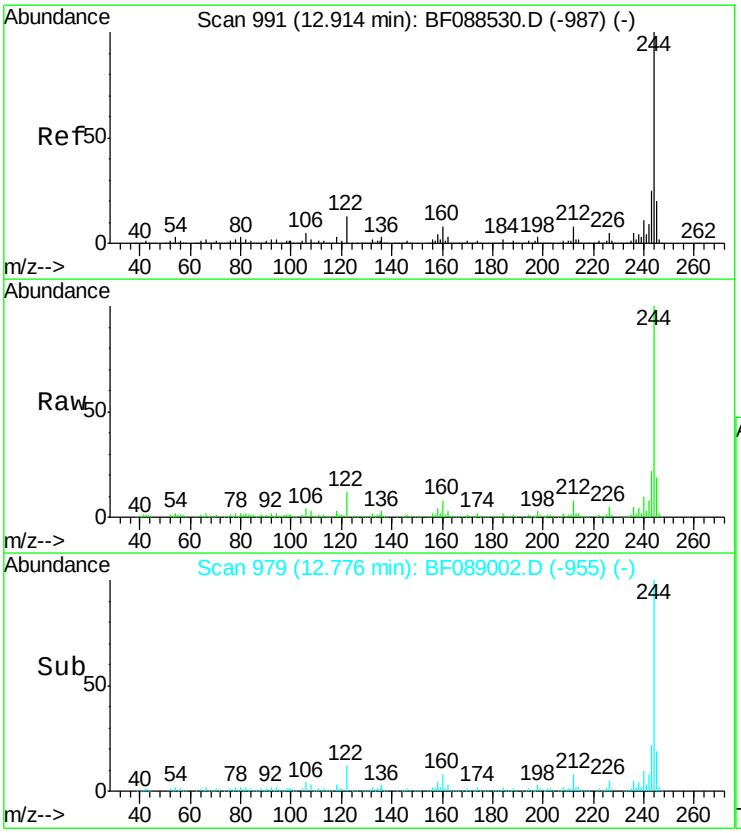
#77
Pyrene
Concen: 5.64 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:202 Resp: 56993

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	19.8	14.5	21.7

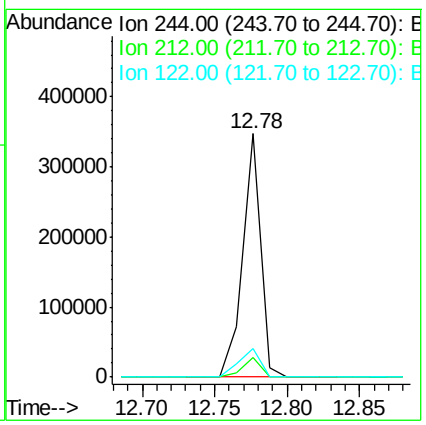


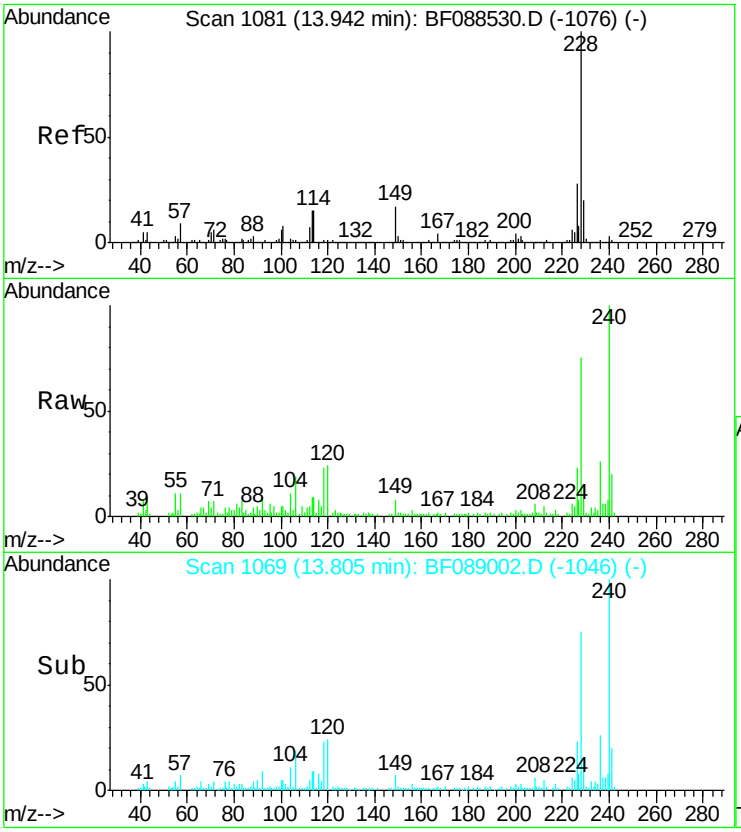


#78
Terphenyl-d14
Concen: 55.75 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:244 Resp: 298173

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	12.0	11.2	16.8



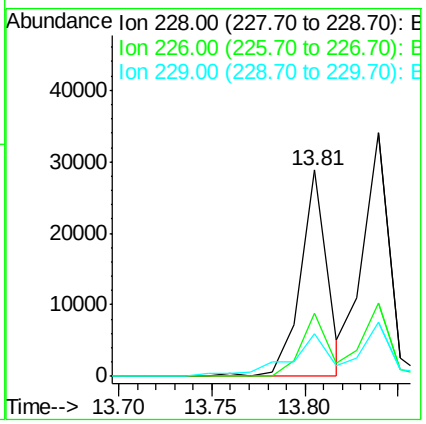


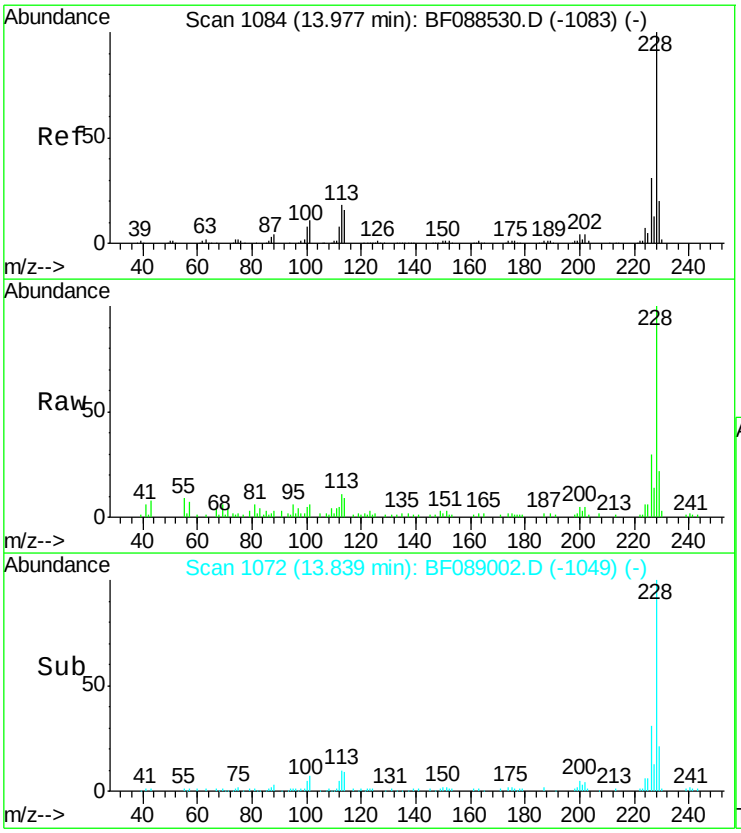
#80
Benzo(a)anthracene
Concen: 3.76 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:228 Resp: 28846

Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.3	33.5
229	20.5	16.0	24.0

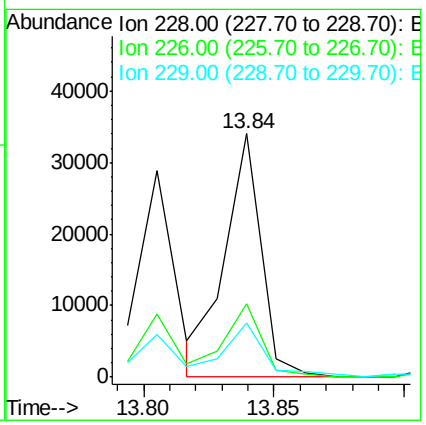


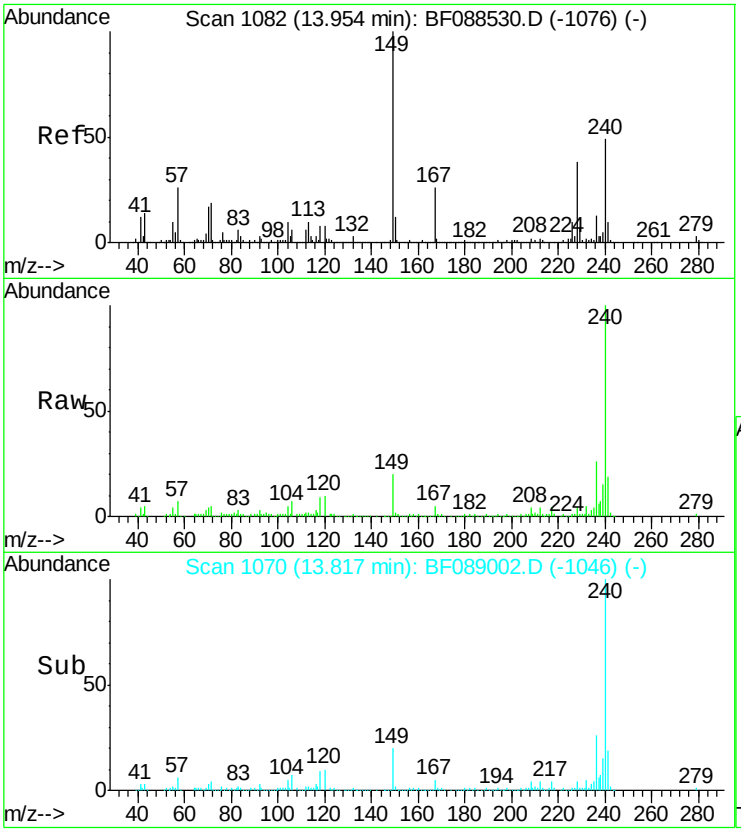


#82
Chrysene
Concen: 4.35 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:228 Resp: 32999

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.2
229	22.3	16.3	24.5



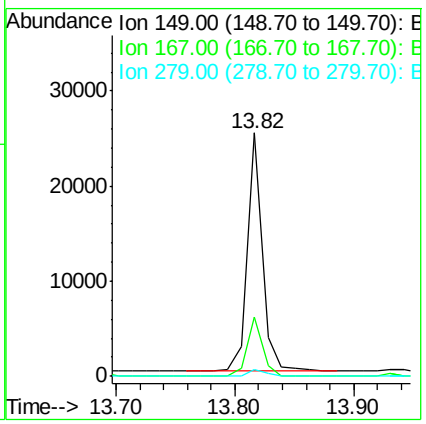


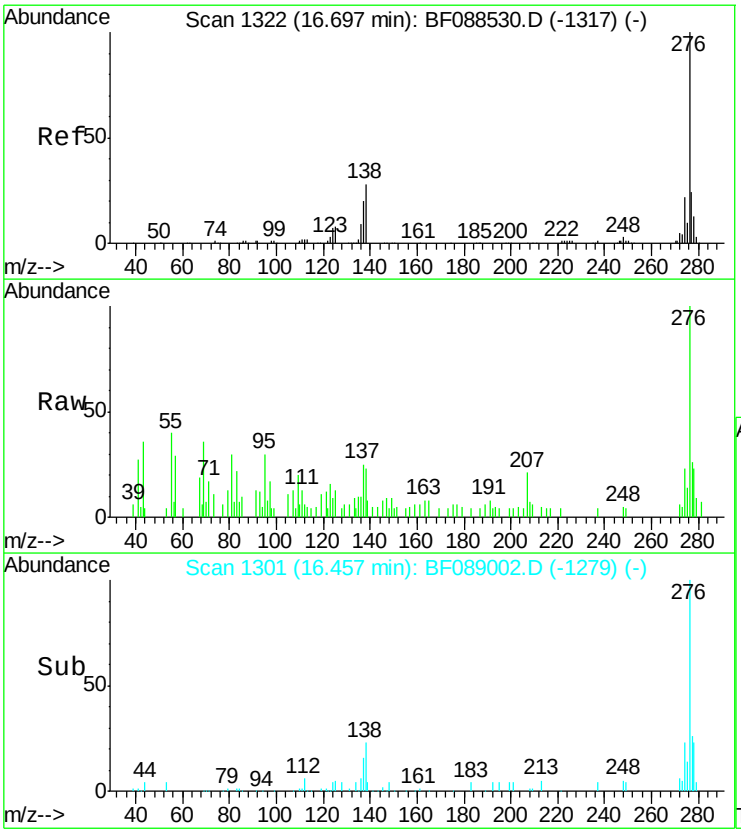
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.33 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:149 Resp: 22291

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.5	30.7
279	2.5	2.0	3.0

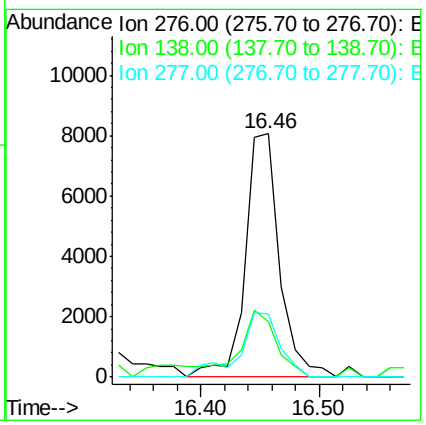


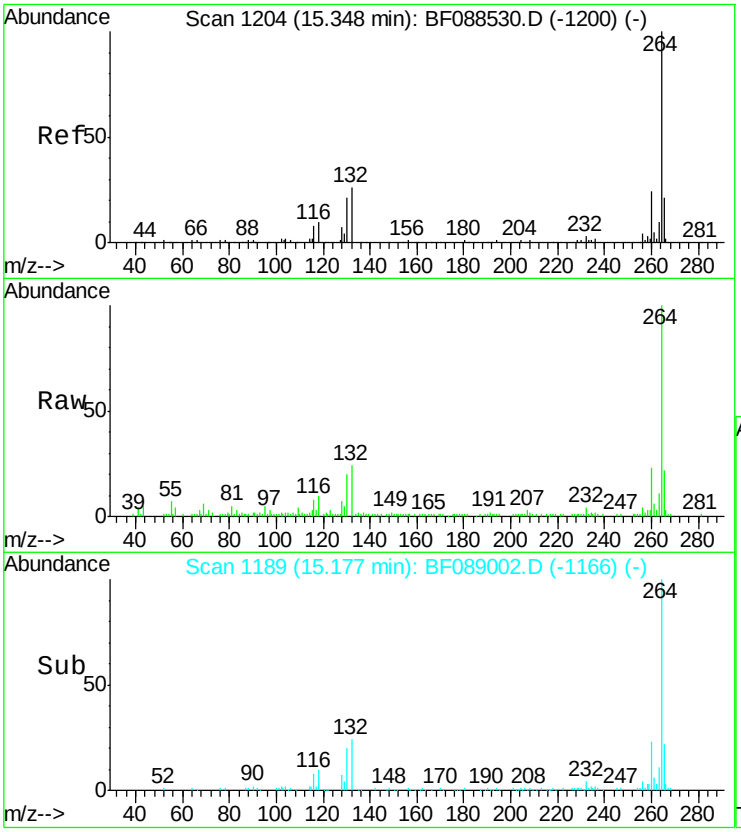


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.79 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.05 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:276 Resp: 16303

Ion	Ratio	Lower	Upper
276	100		
138	29.0	0.0	0.0#
277	31.4	0.0	0.0#



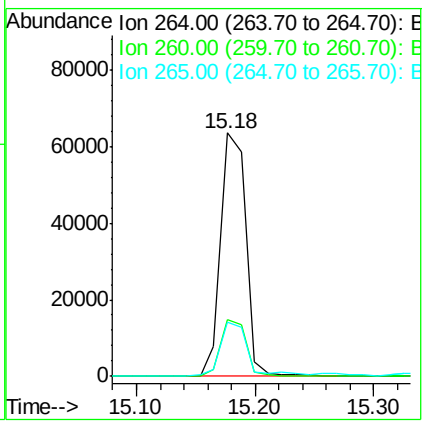


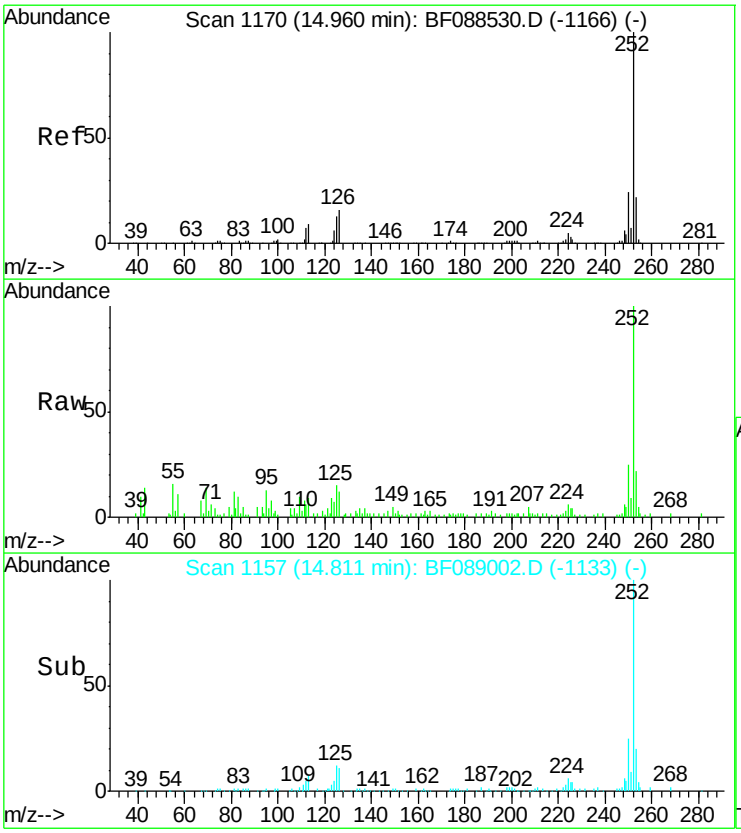
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:264 Resp: 93414

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.0	16.9	25.3

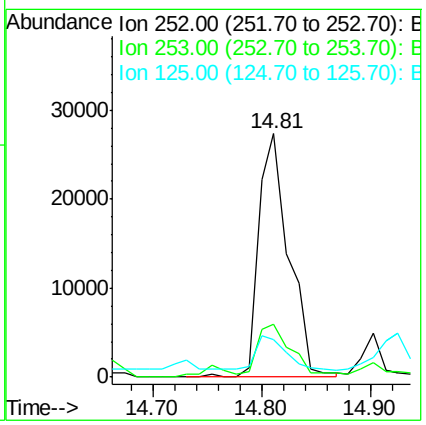


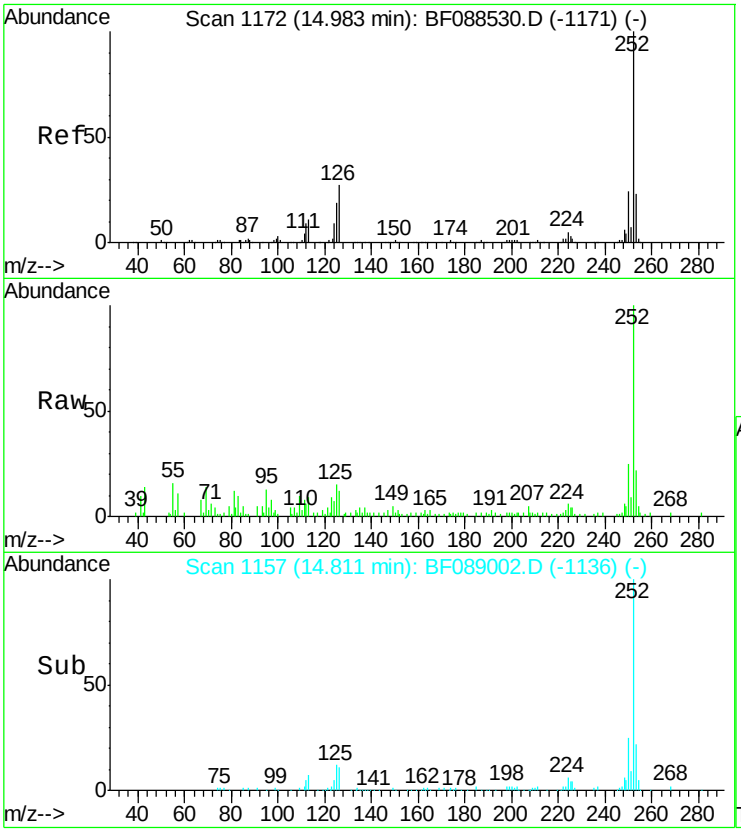


#87
Benzo(b)fluoranthene
Concen: 9.05 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:252 Resp: 53003

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	15.2	7.1	10.7#



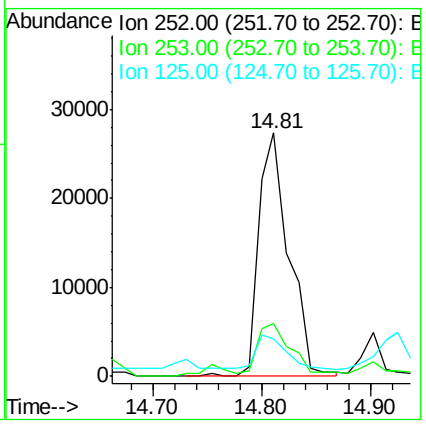


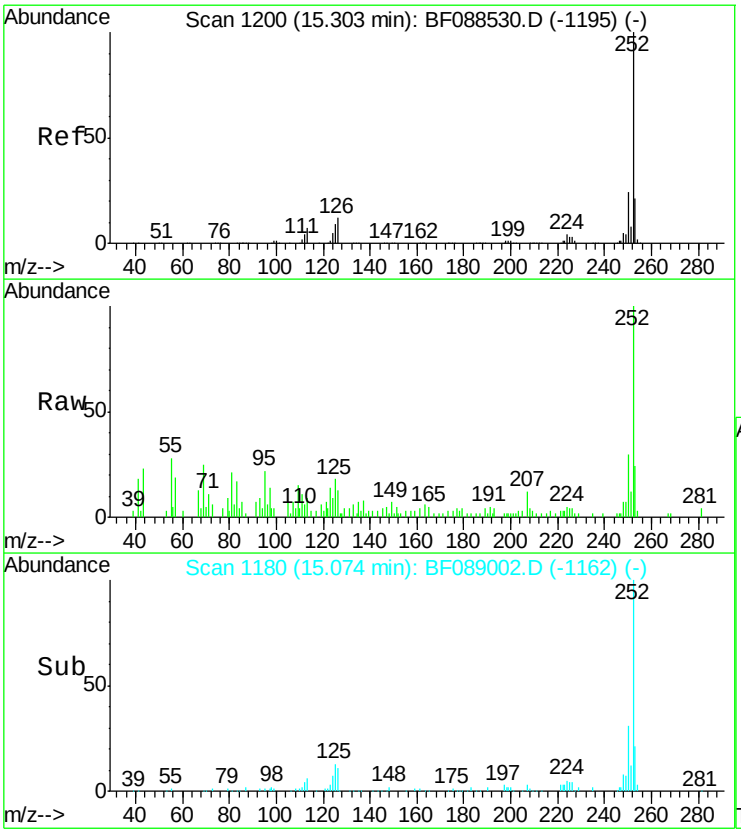
#88
Benzo(k)fluoranthene
Concen: 10.39 ng
RT: 14.81 min Scan# 1157
Delta R.T. -0.06 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:252 Resp: 53003

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	15.2	11.2	16.8

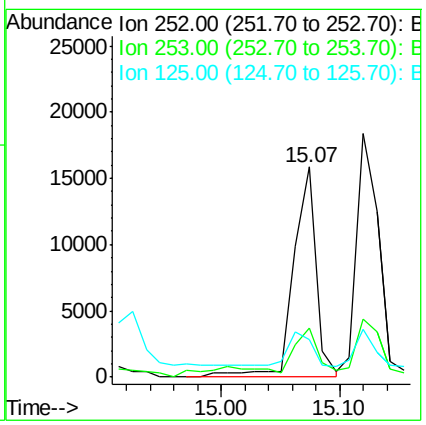


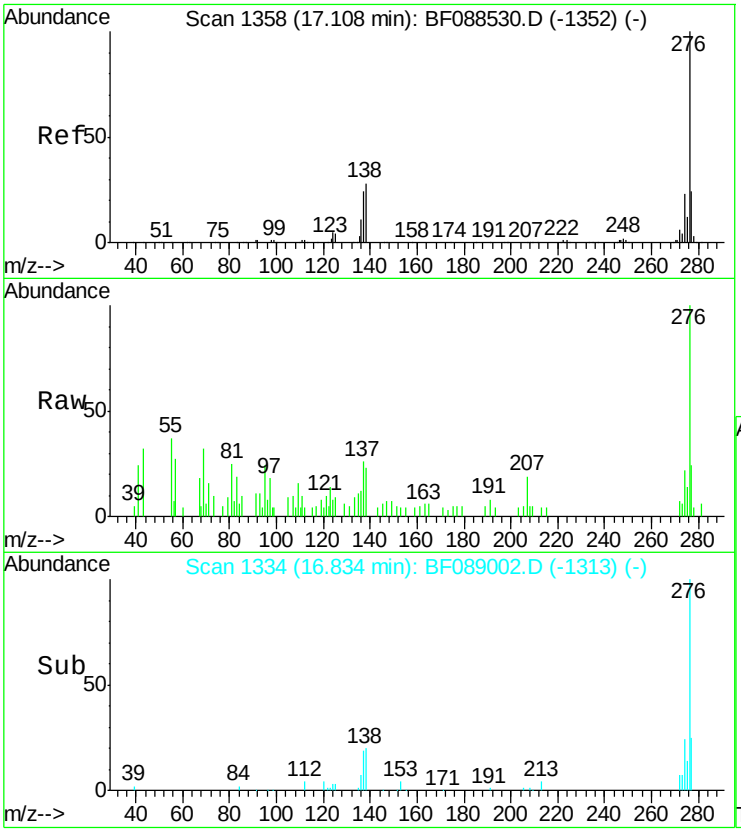


#89
Benzo(a)pyrene
Concen: 4.20 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Tgt Ion:252 Resp: 20838

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	18.0	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 3.66 ng
RT: 16.83 min Scan# 1334
Delta R.T. -0.06 min
Lab File: BF089002.D
Acq: 14 Jul 2016 23:21

Instrument :
BNA_F
ClientSampleId :
D8-B2(0-5)C

Tgt Ion:276 Resp: 15674

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	23.2	21.4	32.2