Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089098.D
Acq On : 18 Jul 2016 23:11
Operator : UM/SJ
Sample : H4046-27
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : C5-5

Quant Time: Jul 19 03:18:00 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	6.64	152	47574	20.00	ng		-0.07
21) Naphthalene-d8	7.93	136	194180	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	72783	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	124734	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	93109	20.00	ng		-0.08
86) Perylene-d12	15.13	264	69128	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	312347	98.40	ng		-0.05
7) Phenol-d6	6.30	99	376141	91.70	ng		-0.06
23) Nitrobenzene-d5	7.21	82	243607	65.74	ng		-0.07
41) 2,4,6-Tribromophenol	10.47	330	53810	79.62	ng		-0.07
44) 2-Fluorobiphenyl	9.00	172	362576	78.69	ng		-0.07
78) Terphenyl-d14	12.73	244	259943	62.18	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	33553	12.18	ng	#	74
25) Isophorone	7.21	82	179060	26.09	ng	#	65
49) Dimethylphthalate	9.40	163	112711	21.74	ng		99
56) 2,4-Dinitrotoluene	9.68	165	9265	6.17	ng	#	36
66) 4-Bromophenyl-phenylether	10.46	248	4029	3.21	ng	#	1
74) Fluoranthene	12.35	202	18161	2.63	ng		99
77) Pyrene	12.58	202	22450	2.84	ng		99
80) Benzo(a)anthracene	13.79	228	38449	6.41	ng	#	93
82) Chrysene	13.79	228	38449	6.48	ng		95
85) Indeno(1,2,3-cd)pyrene	16.39	276	10296	2.26	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	37220	8.58	ng	#	93
88) Benzo(k)fluoranthene	14.77	252	37220	9.86	ng		98
89) Benzo(a)pyrene	15.07	252	16430	4.47	ng	#	89
91) Benzo(g,h,i)perylene	16.77	276	8717	2.75	ng		95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089098.D
Acq On : 18 Jul 2016 23:11
Operator : UM/SJ
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Misc :
ALS Vial : 18 Sample Multiplier: 1

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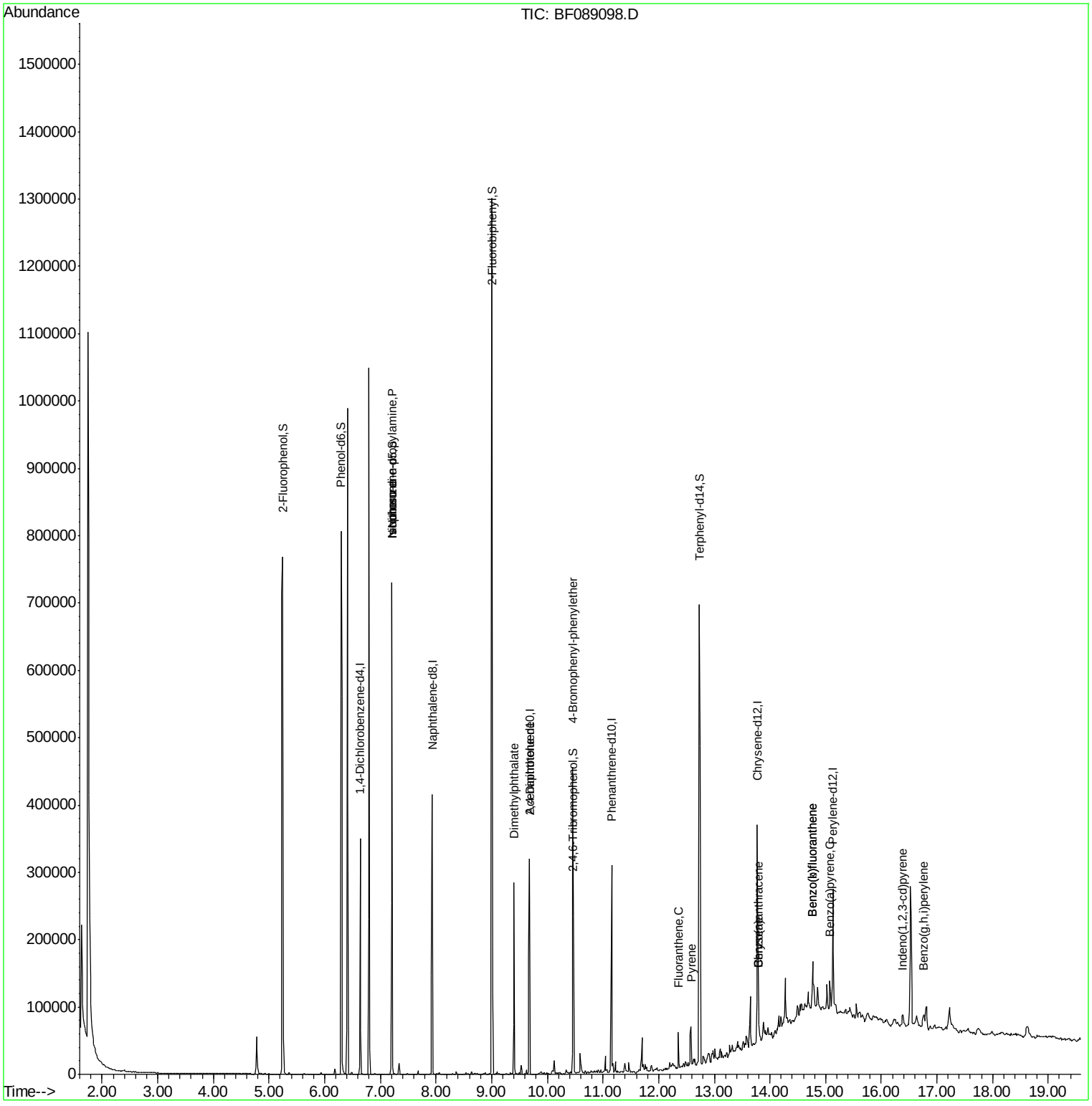
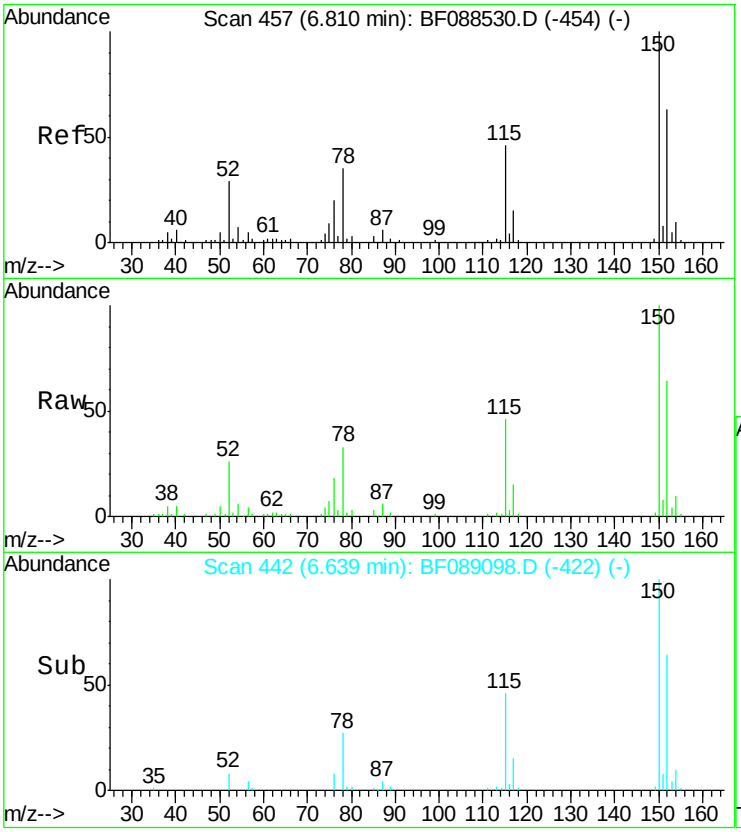
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration



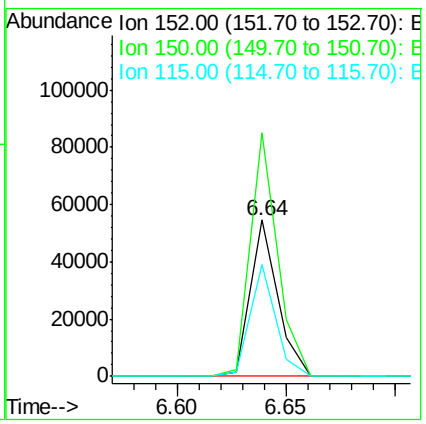


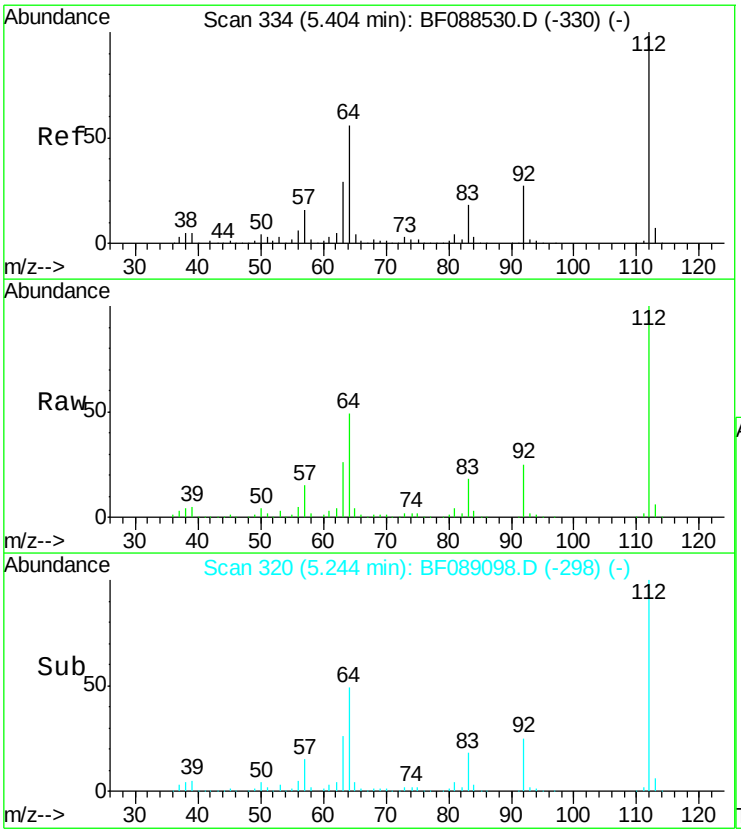
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:152 Resp: 47574

Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	71.4	39.6	59.4#

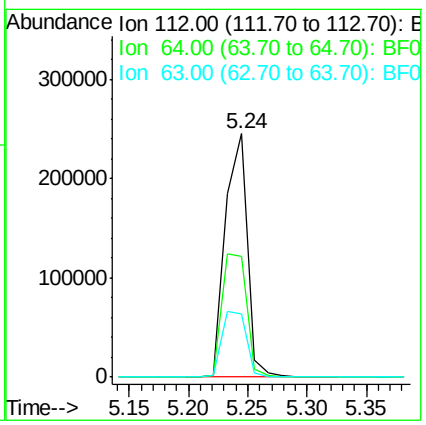


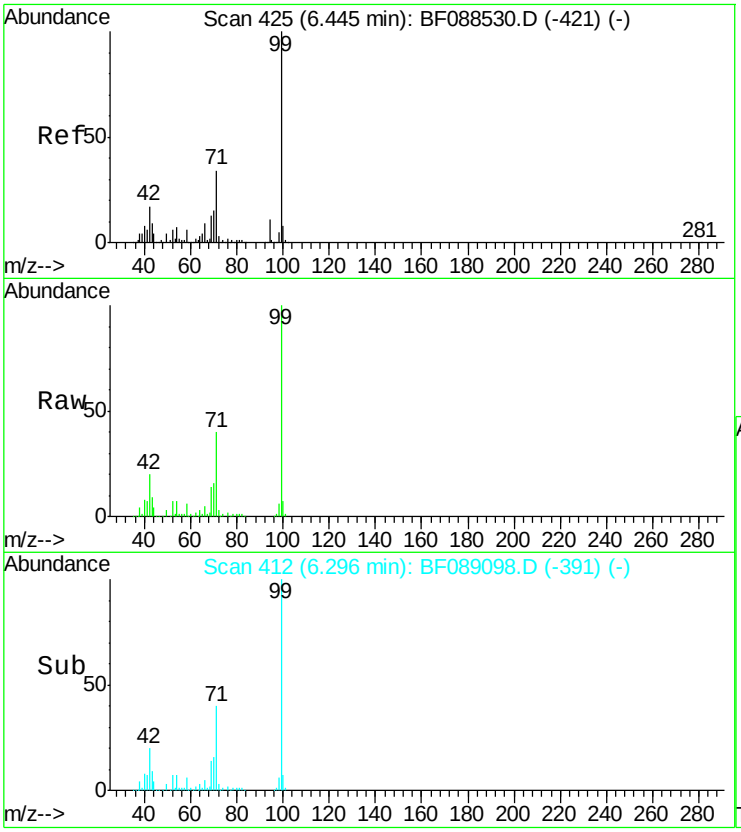


#5
2-Fluorophenol
Concen: 98.40 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.05 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:112 Resp: 312347

Ion	Ratio	Lower	Upper
112	100		
64	49.4	42.2	63.2
63	26.0	21.8	32.8



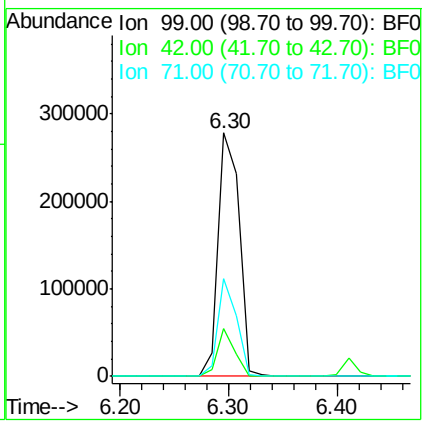


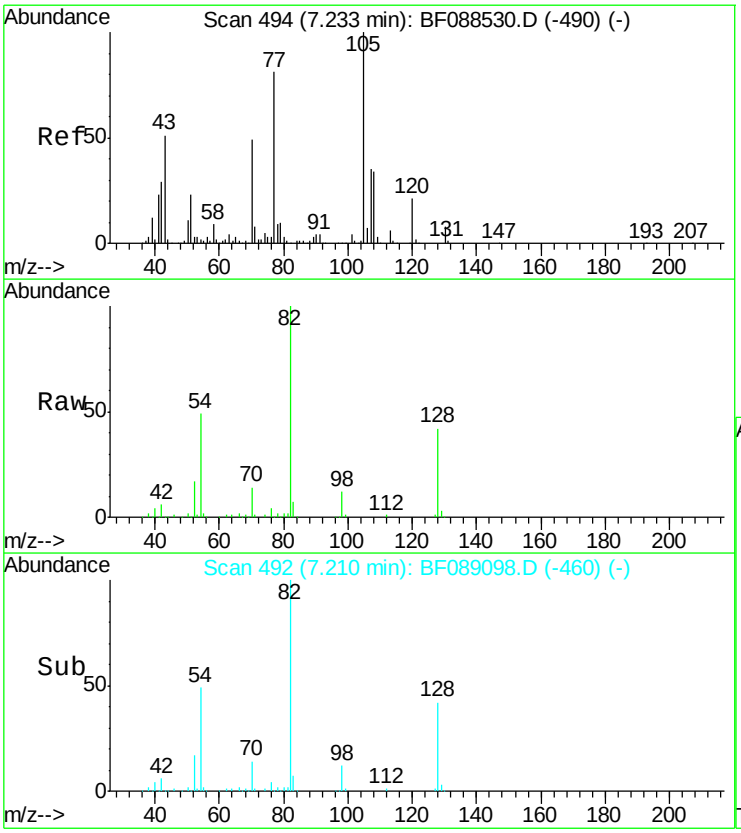
#7
Phenol-d6
Concen: 91.70 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion: 99 Resp: 376141

Ion	Ratio	Lower	Upper
99	100		
42	19.5	12.2	18.2#
71	40.2	23.4	35.0#

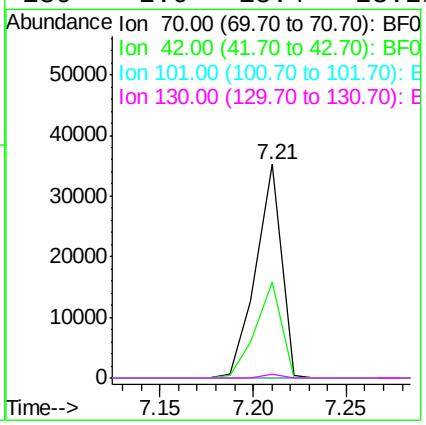


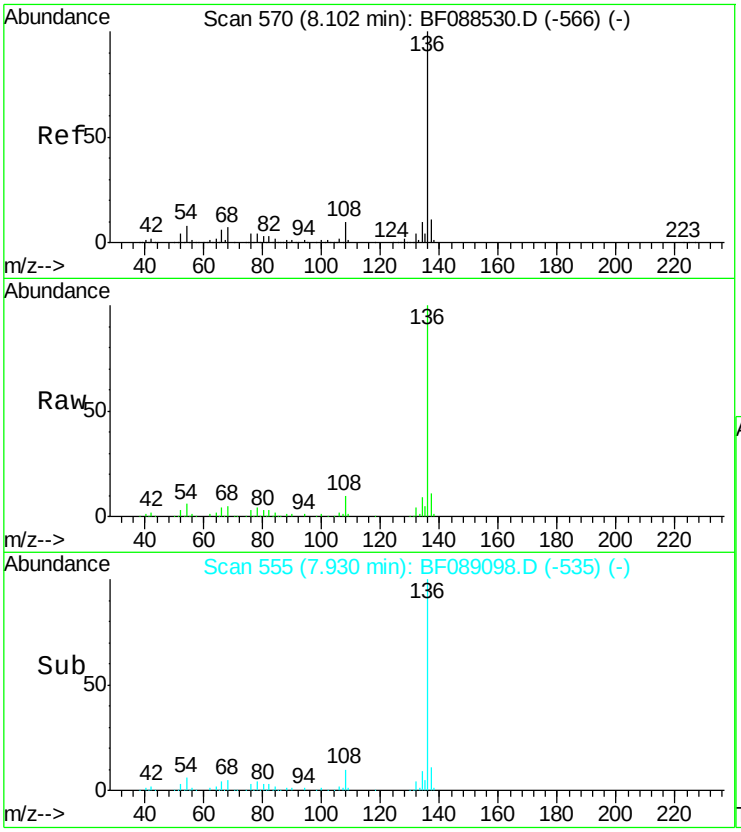


#19
n-Nitroso-di-n-propylamine
Concen: 12.18 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion: 70 Resp: 33553

Ion	Ratio	Lower	Upper
70	100		
42	44.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



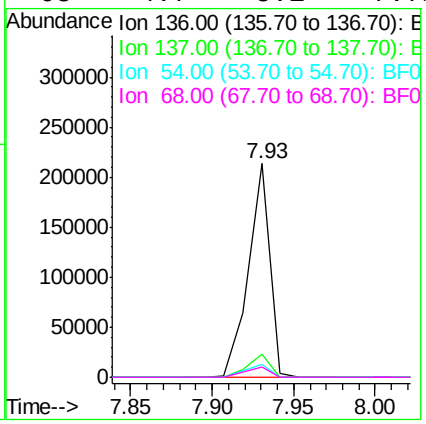


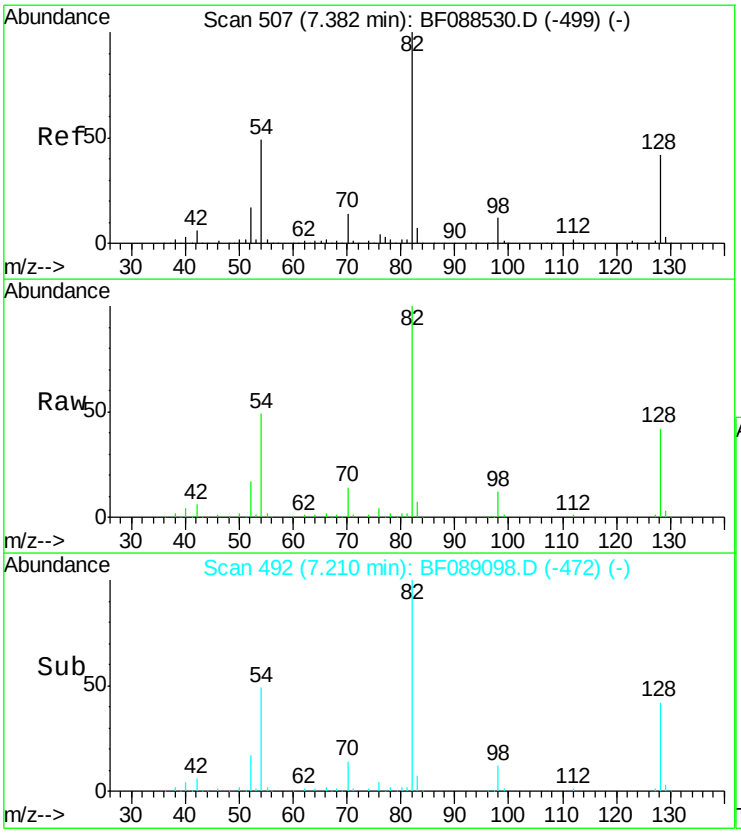
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:136 Resp: 194180

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	5.8	6.6	10.0#
68	4.7	5.1	7.7#

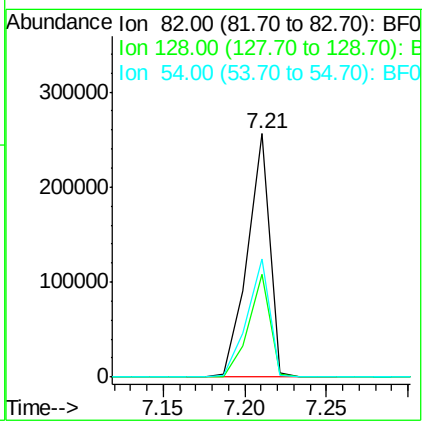


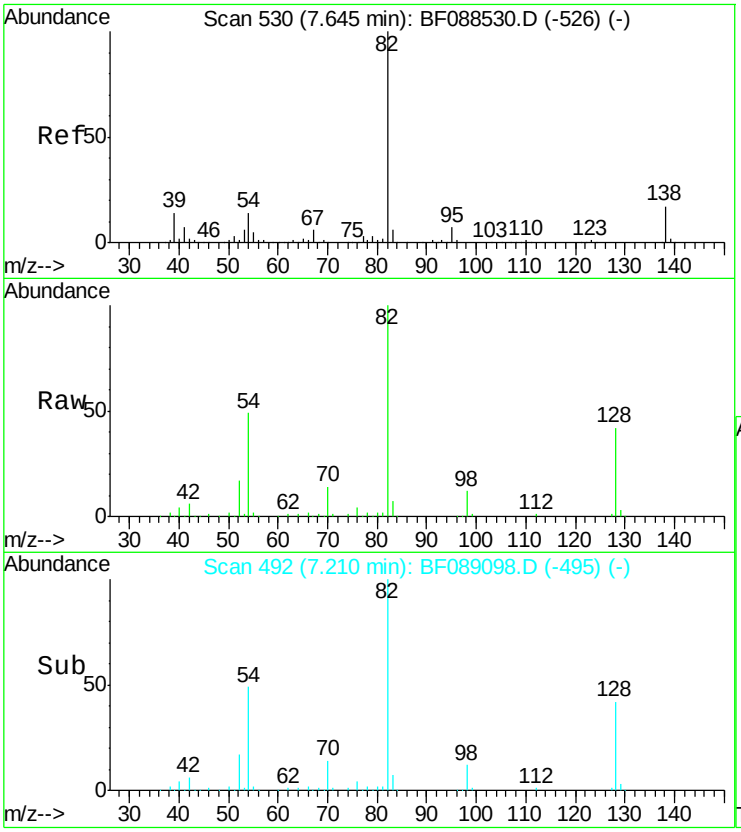


#23
Nitrobenzene-d5
Concen: 65.74 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion: 82 Resp: 243607

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.9	53.9
54	48.6	40.9	61.3



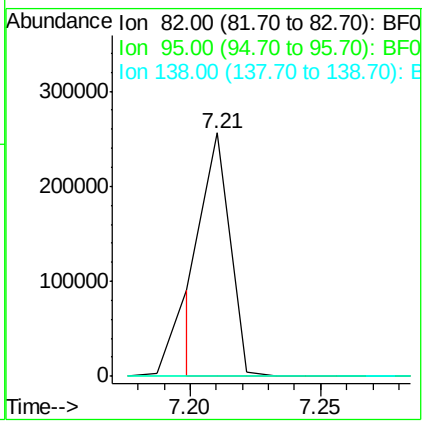


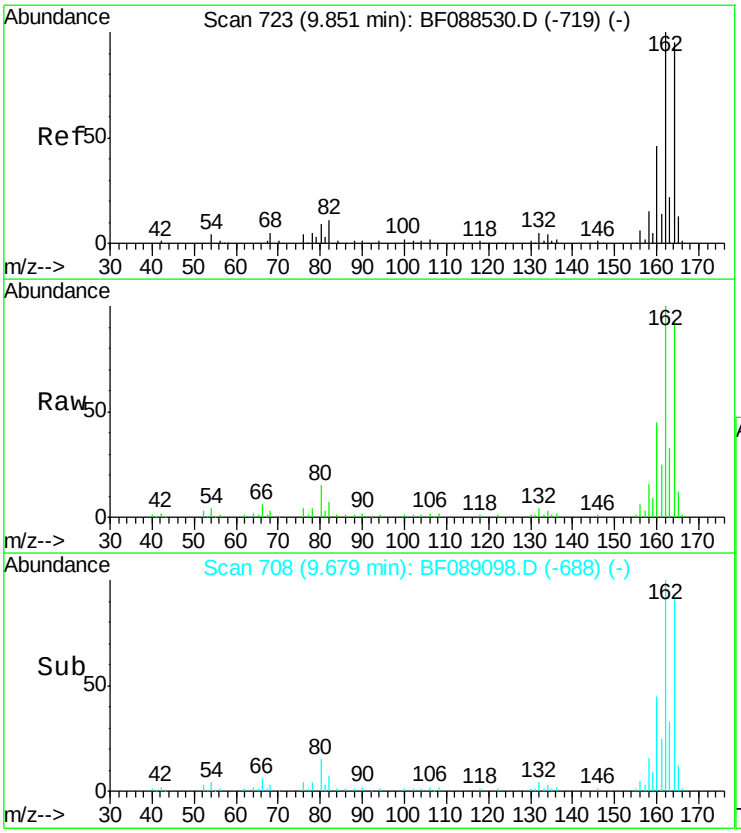
#25
Isophorone
Concen: 26.09 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.33 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion: 82 Resp: 179060

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

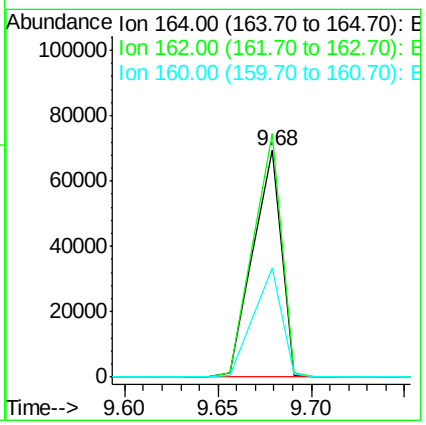


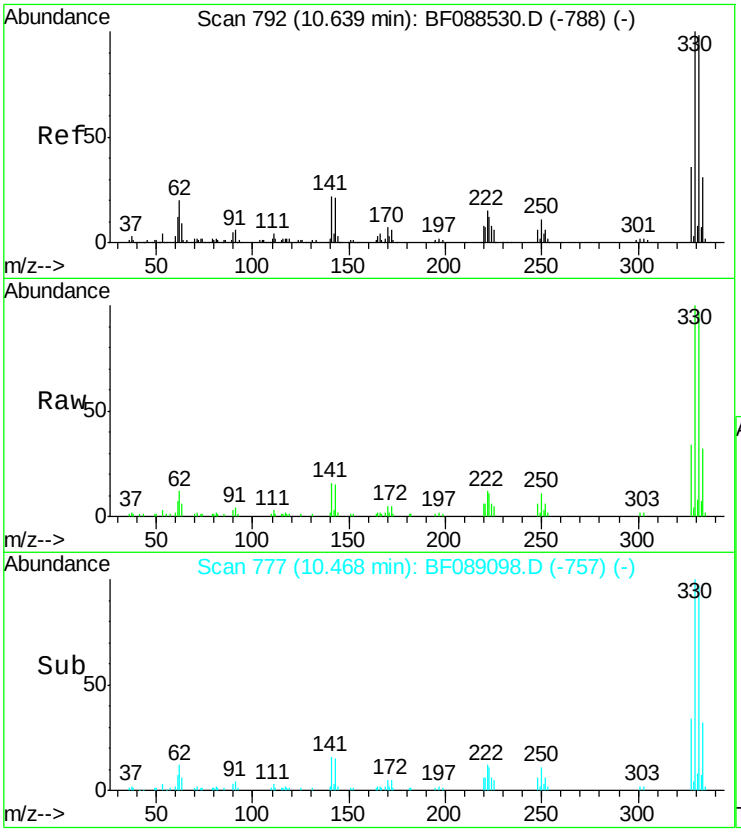


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:164 Resp: 72783

Ion	Ratio	Lower	Upper
164	100		
162	107.4	85.4	128.2
160	48.4	39.5	59.3



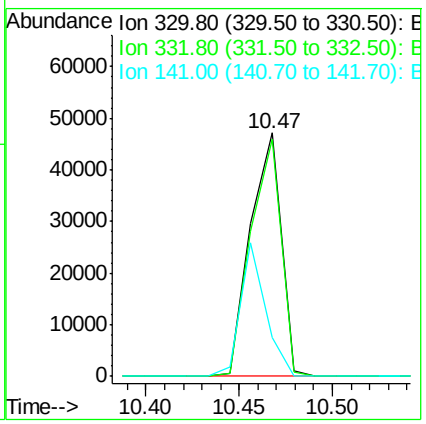


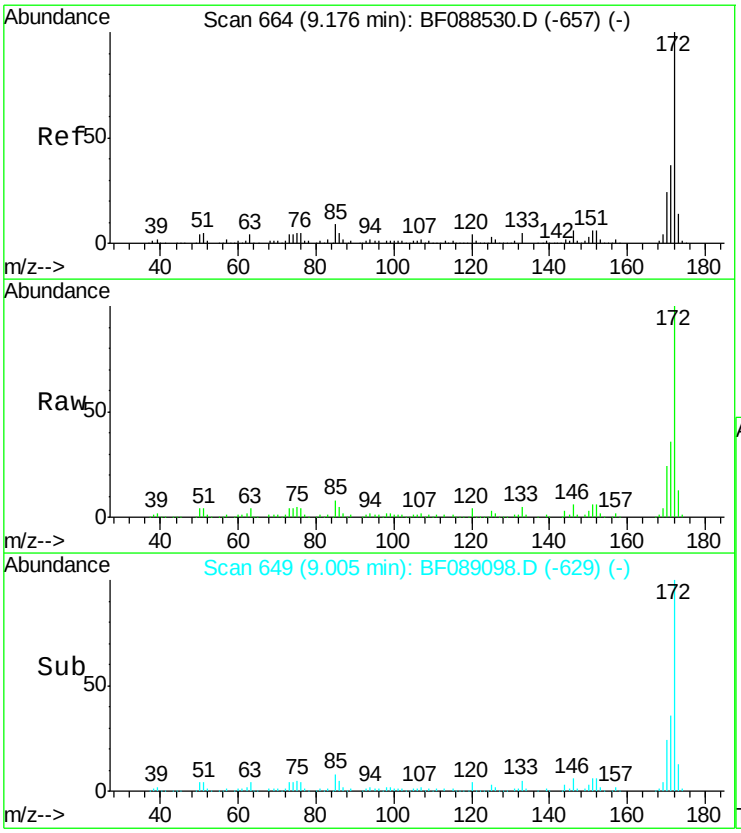
#41
2,4,6-Tribromophenol
Concen: 79.62 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:330 Resp: 53810

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	44.8	0.0	0.0#

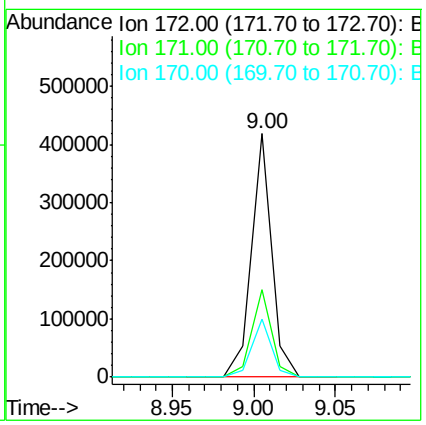


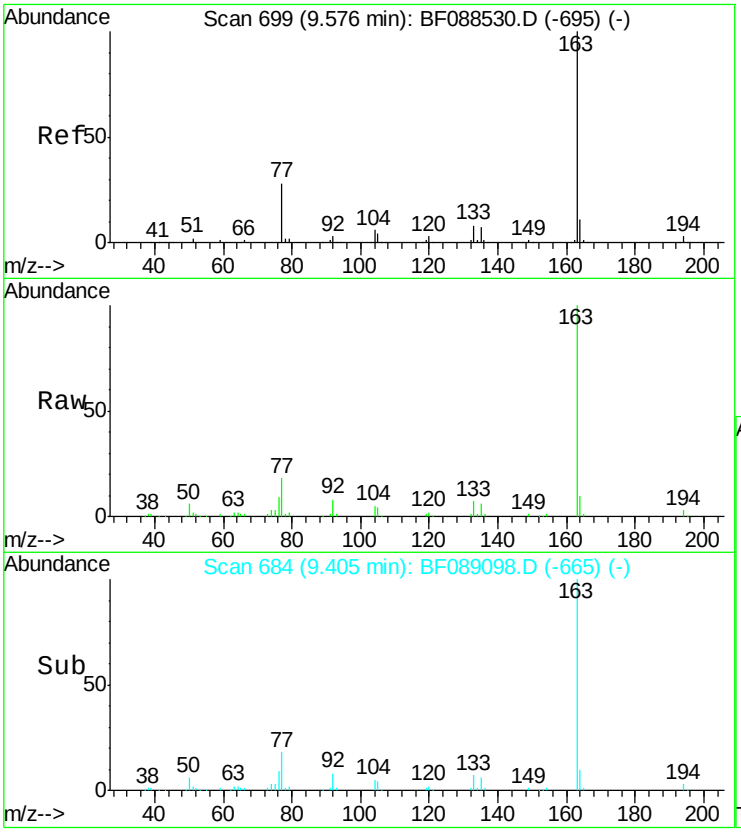


#44
2-Fluorobiphenyl
Concen: 78.69 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:172 Resp: 362576

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8



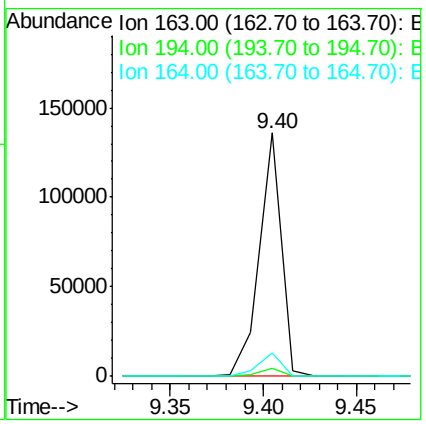


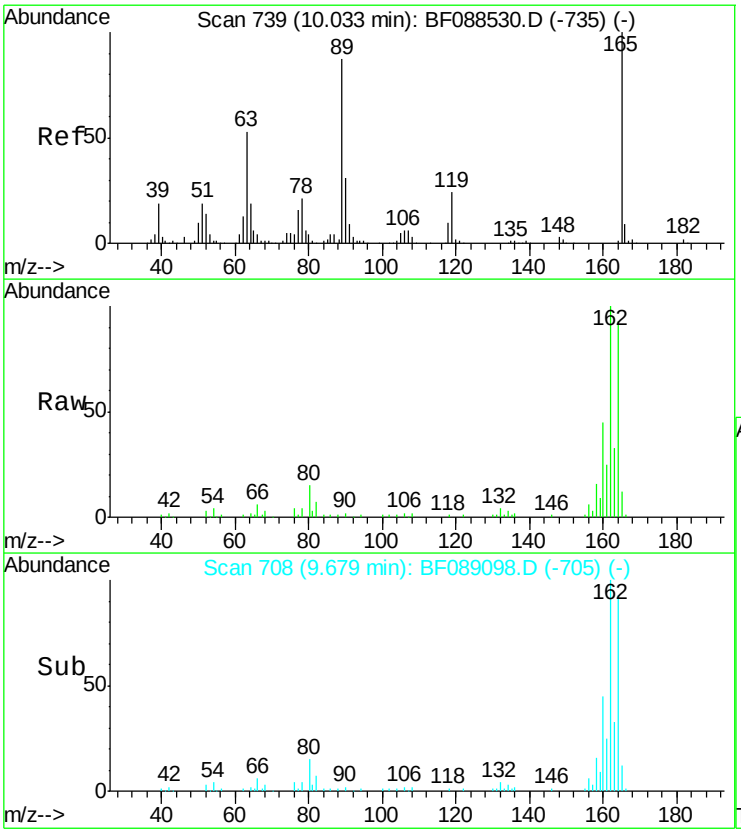
#49
Dimethylphthalate
Concen: 21.74 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:163 Resp: 112711

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	9.7	8.3	12.5

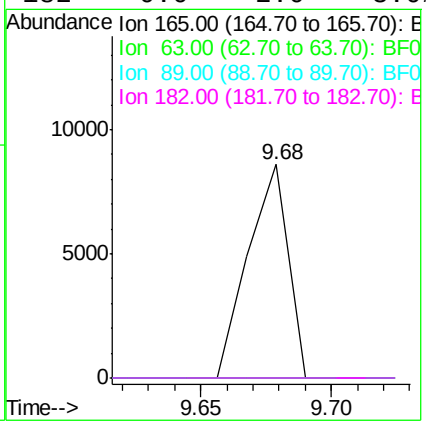


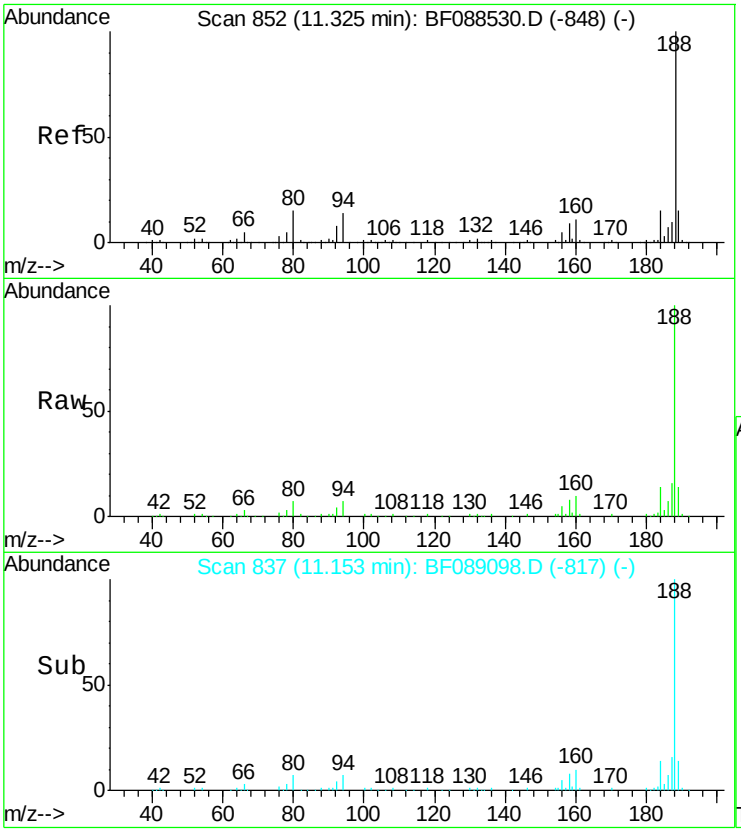


#56
2,4-Dinitrotoluene
Concen: 6.17 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.26 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:165 Resp: 9265

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#



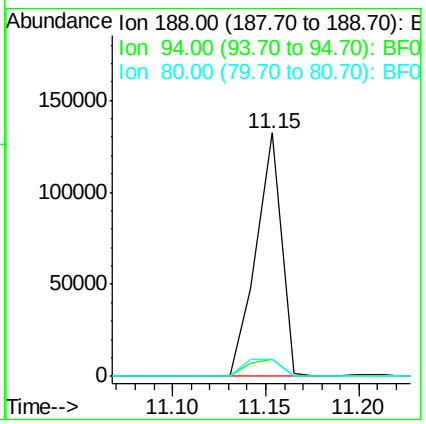


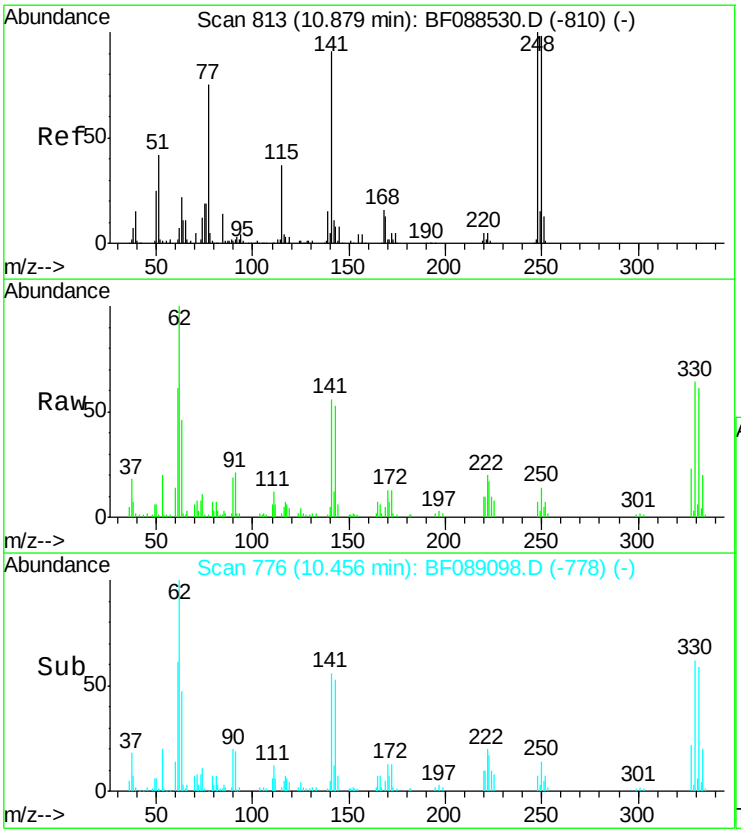
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:188 Resp: 124734

Ion	Ratio	Lower	Upper
188	100		
94	7.1	9.0	13.6#
80	6.8	10.0	15.0#

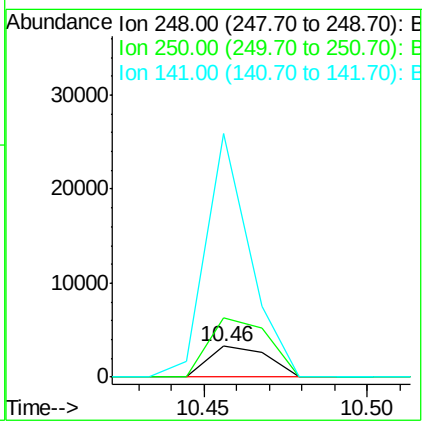


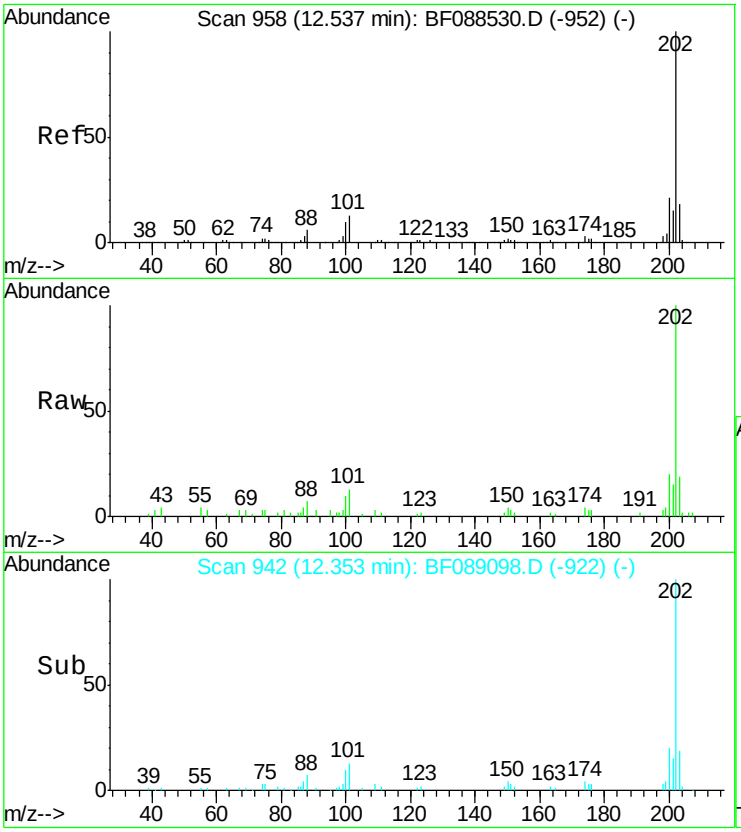


#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.32 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:248 Resp: 4029

Ion	Ratio	Lower	Upper
248	100		
250	194.5	77.1	115.7#
141	795.8	50.6	76.0#



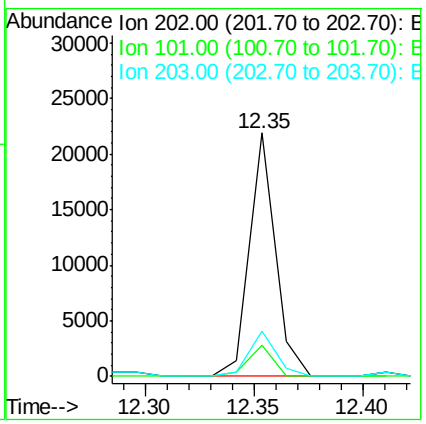


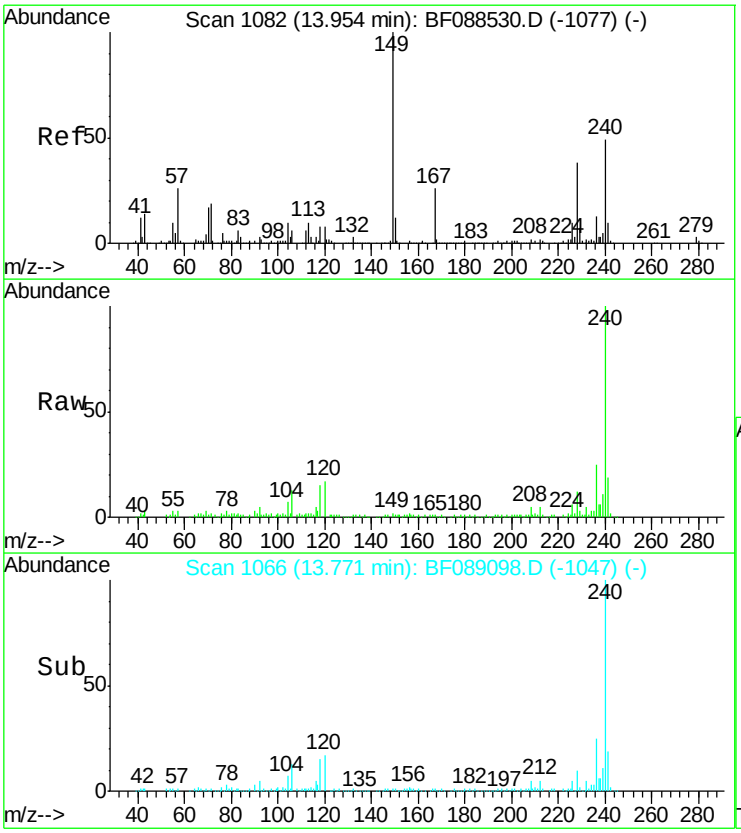
#74
Fluoranthene
Concen: 2.63 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:202 Resp: 18161

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.1
203	18.7	0.0	38.1

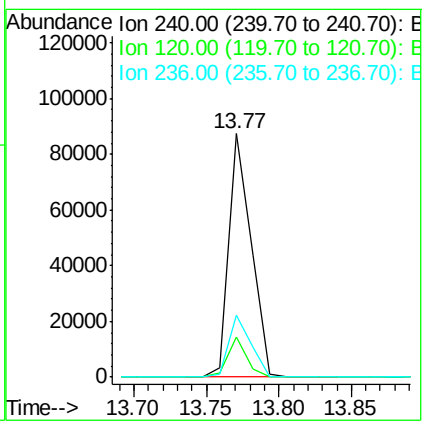


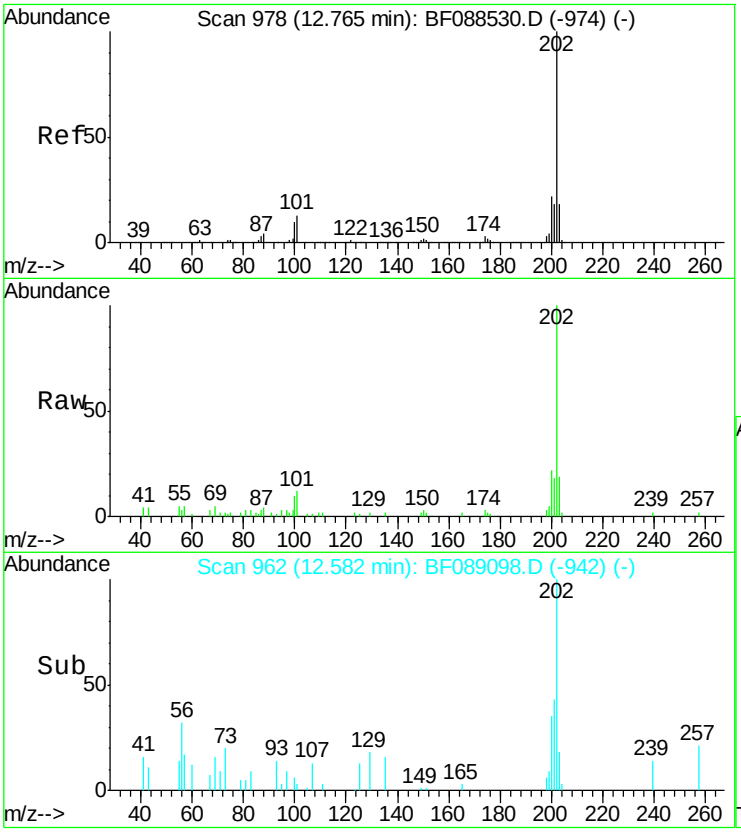


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:240 Resp: 93109

Ion	Ratio	Lower	Upper
240	100		
120	16.6	6.8	10.2#
236	25.2	20.2	30.2



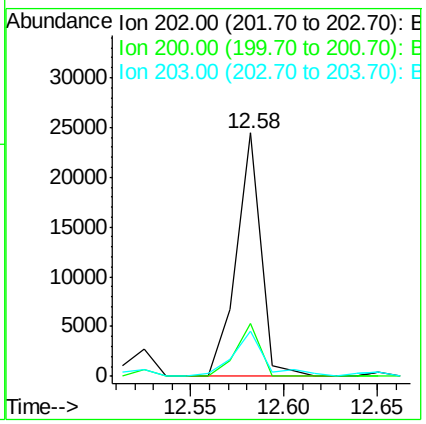


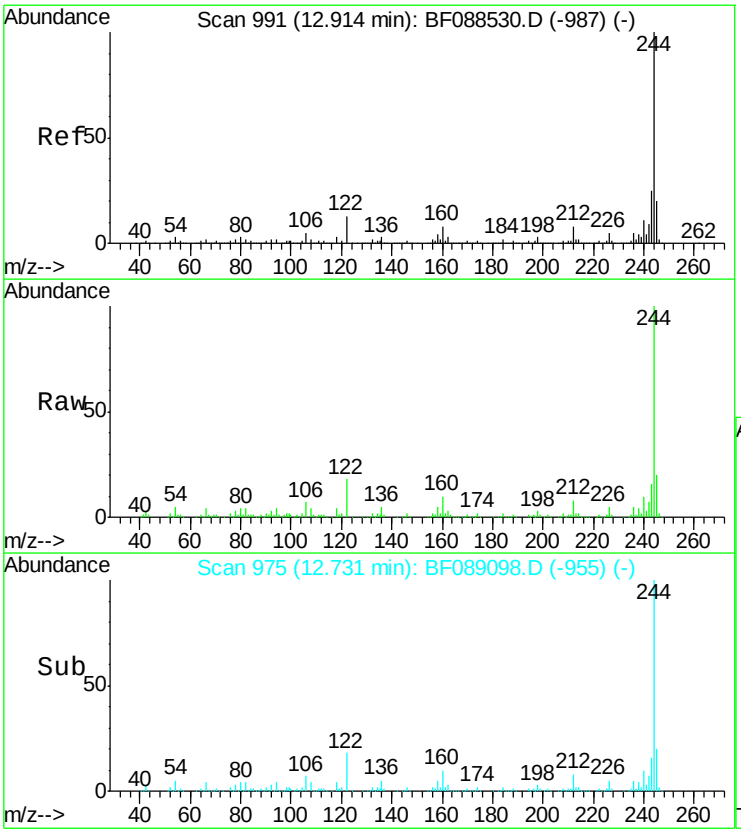
#77
Pyrene
Concen: 2.84 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:202 Resp: 22450

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	18.6	14.5	21.7

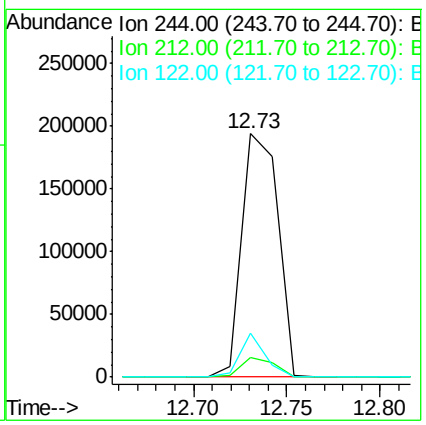


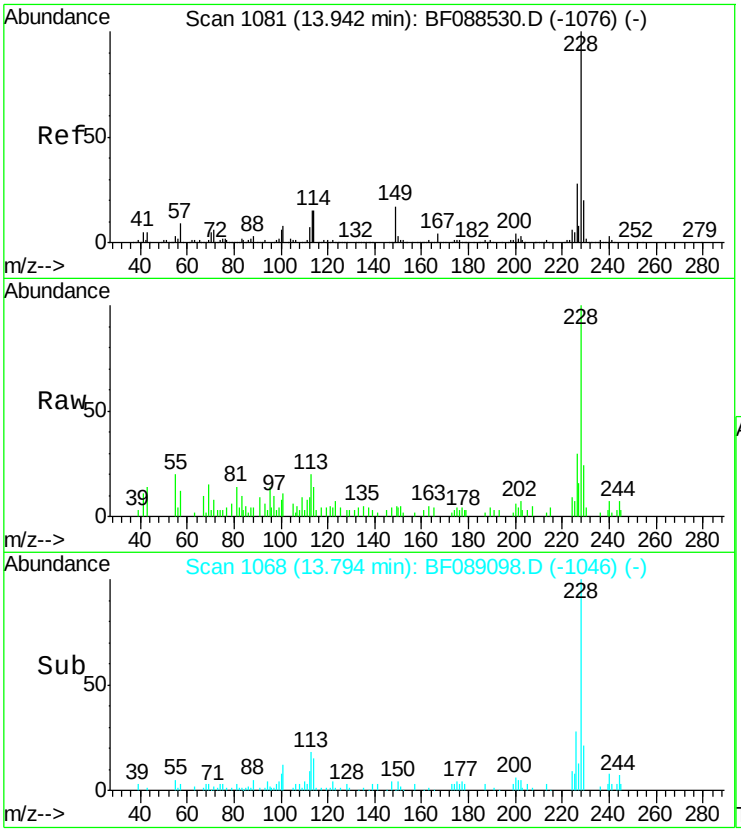


#78
Terphenyl-d14
Concen: 62.18 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:244 Resp: 259943

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.0	9.0
122	18.2	11.2	16.8#



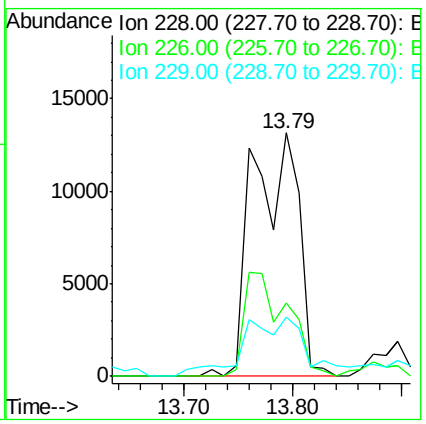


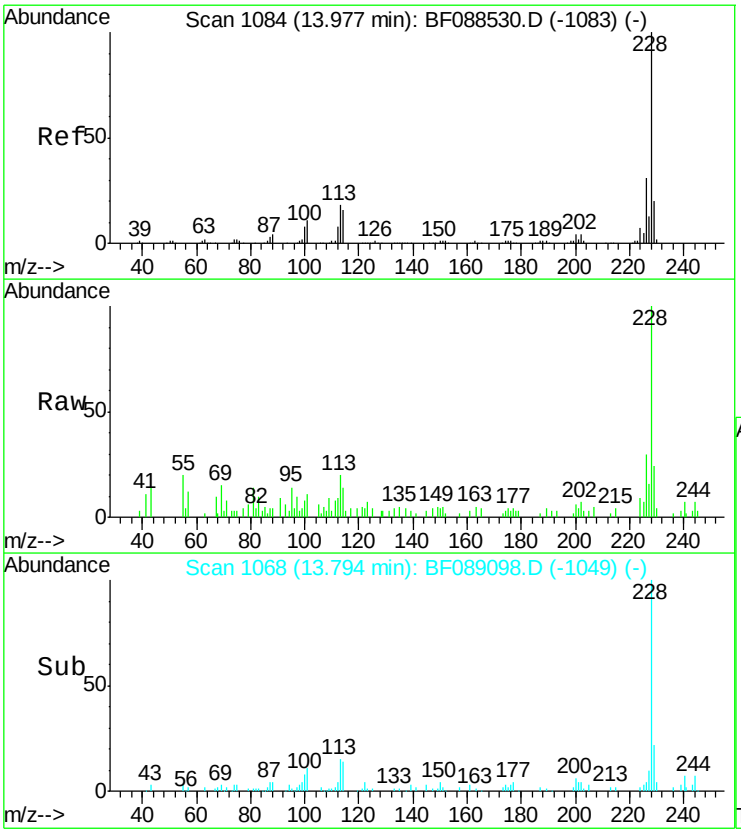
#80
Benzo(a)anthracene
Concen: 6.41 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.05 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:228 Resp: 38449

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.3	33.5
229	24.4	16.0	24.0#

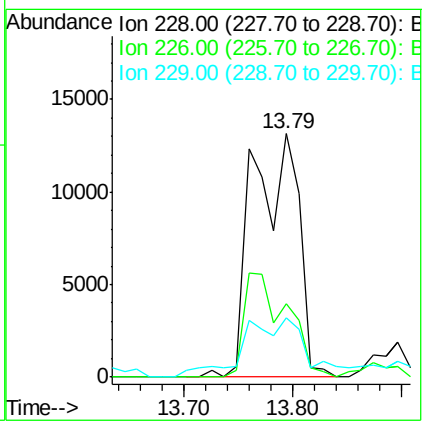


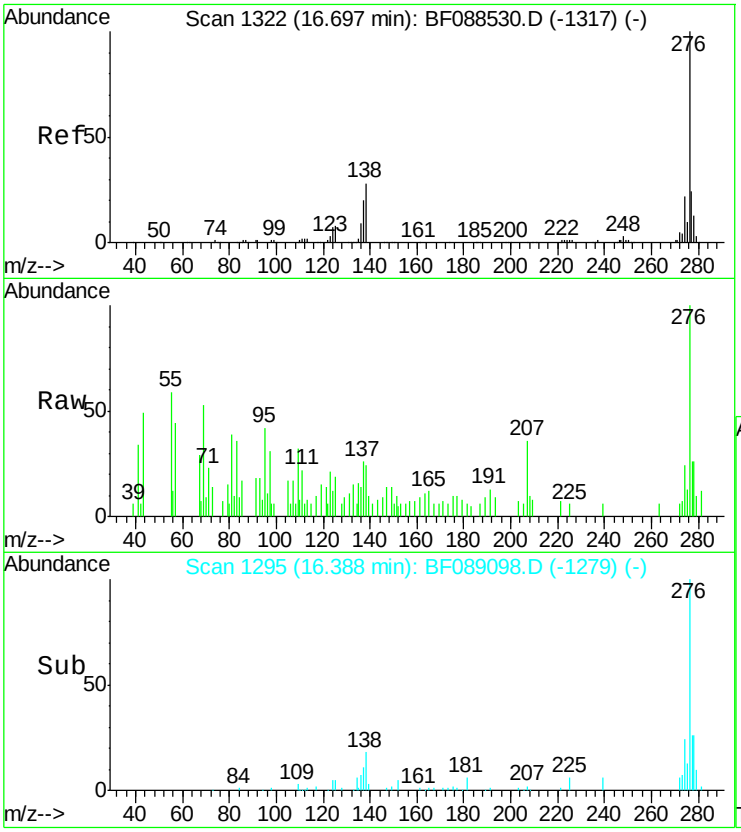


#82
Chrysene
Concen: 6.48 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.08 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:228 Resp: 38449

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.4	38.2
229	24.4	16.3	24.5



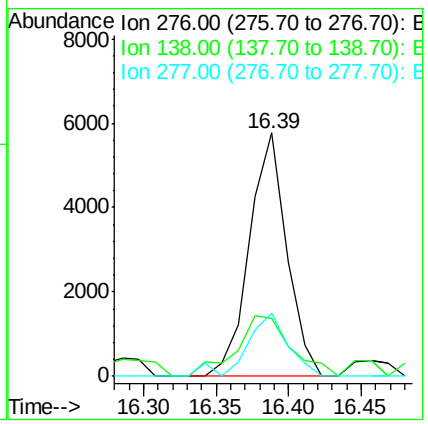


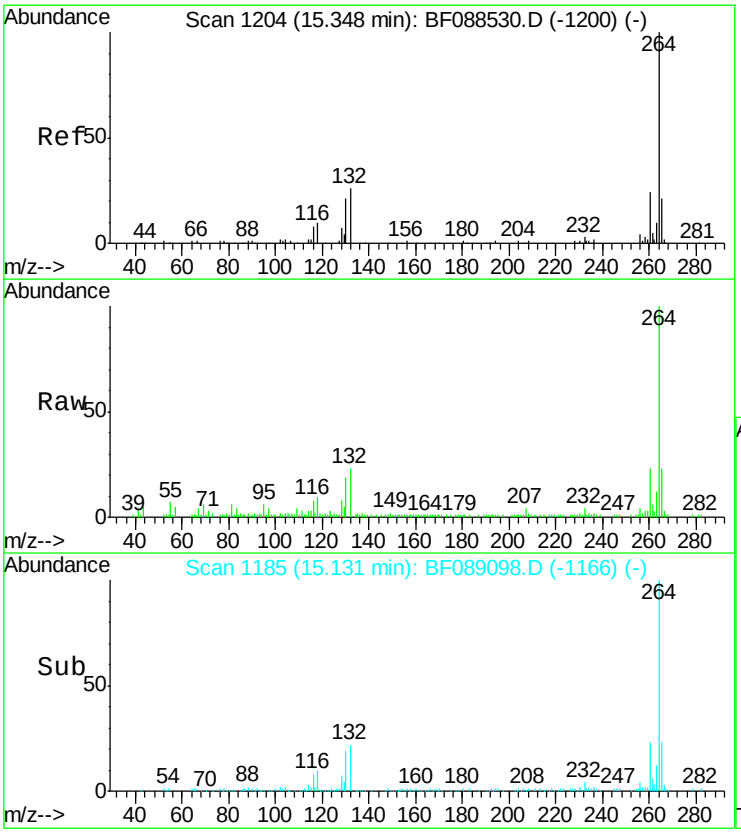
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:276 Resp: 10296

Ion	Ratio	Lower	Upper
276	100		
138	36.6	0.0	0.0#
277	28.6	0.0	0.0#

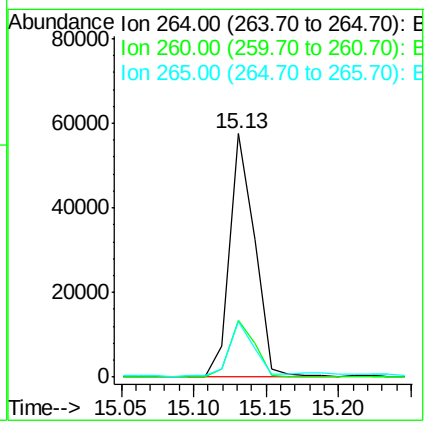


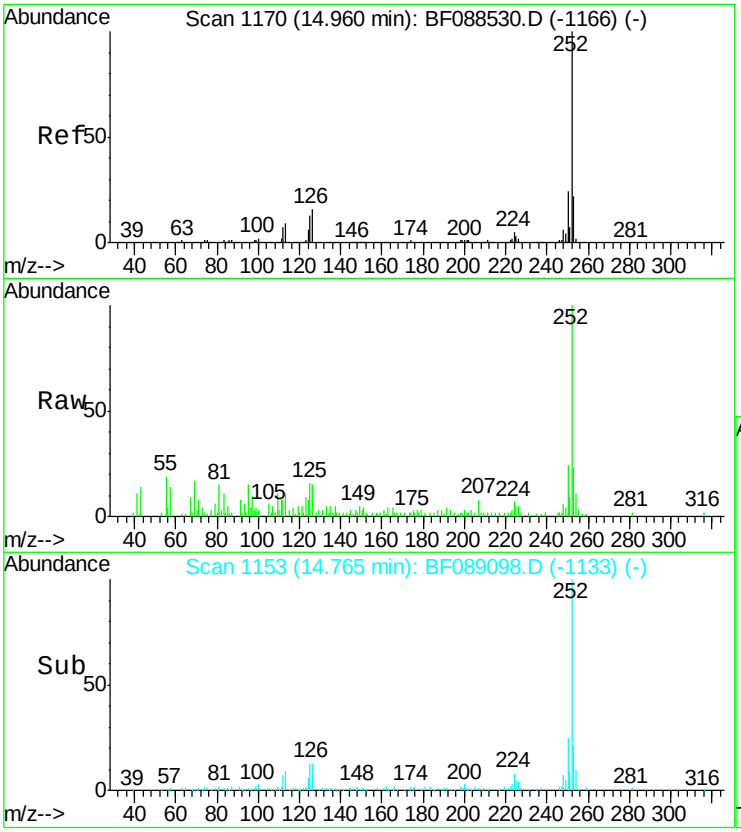


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:264 Resp: 69128

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.5	16.9	25.3



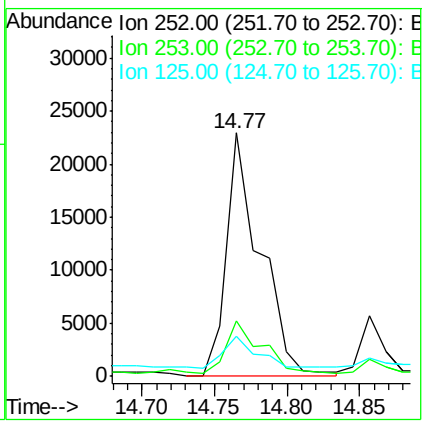


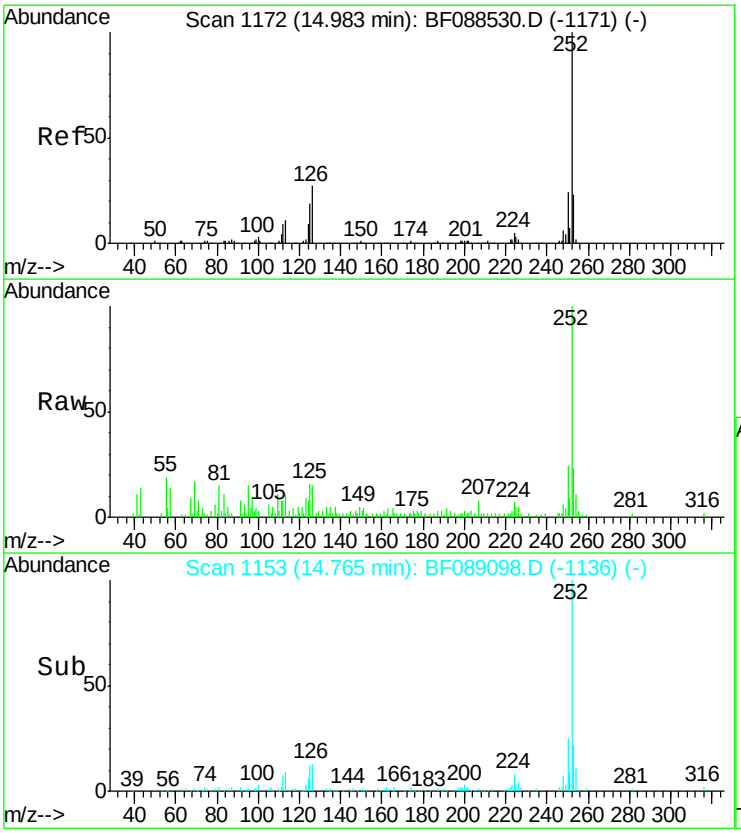
#87
Benzo(b)fluoranthene
Concen: 8.58 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:252 Resp: 37220

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	16.4	7.1	10.7#

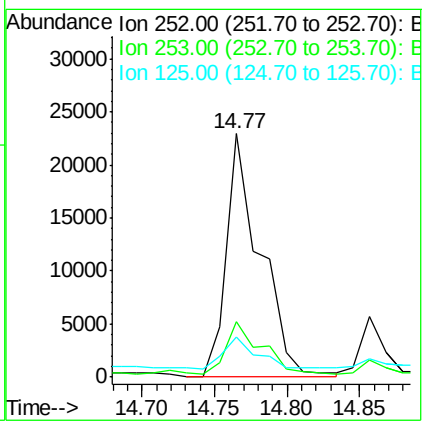


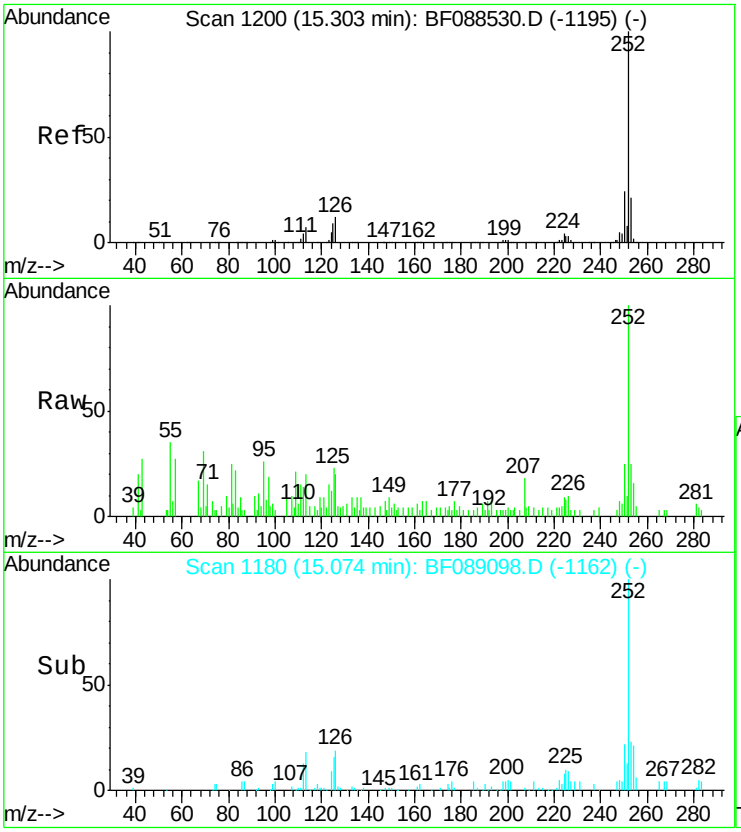


#88
Benzo(k)fluoranthene
Concen: 9.86 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:252 Resp: 37220

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	16.4	11.2	16.8



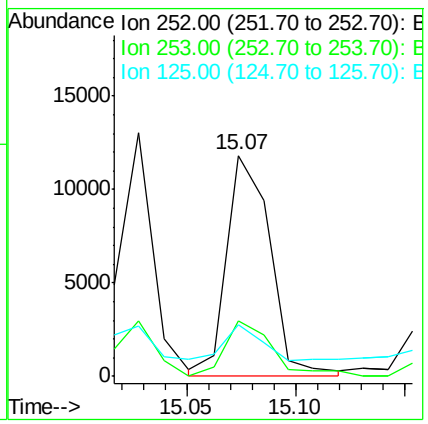


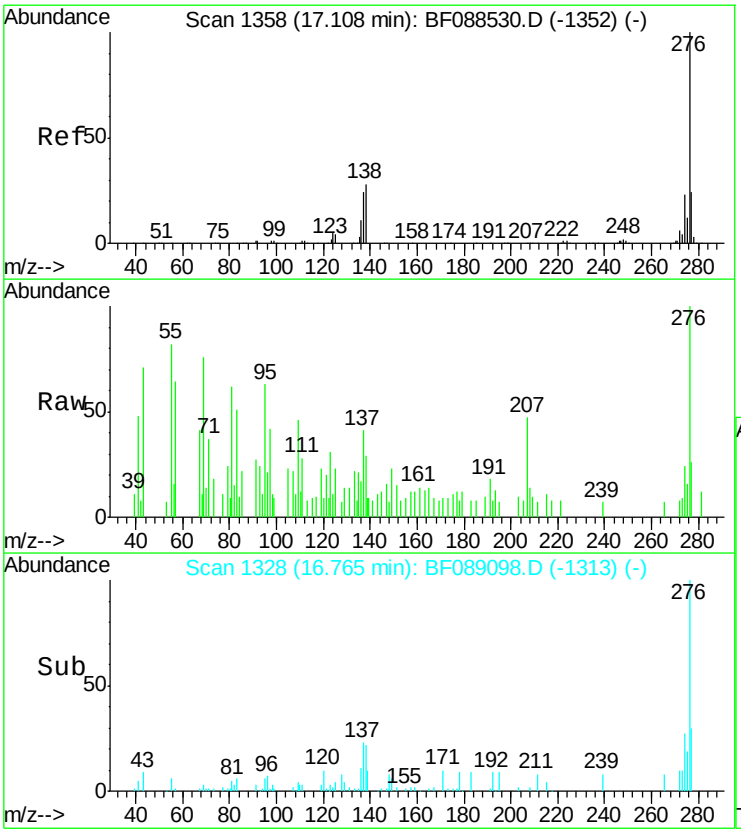
#89
Benzo(a)pyrene
Concen: 4.47 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Instrument :
BNA_F
ClientSampleId :
C5-5

Tgt Ion:252 Resp: 16430

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.9	26.9
125	23.2	12.5	18.7#





#91
Benzo(g,h,i)perylene
Concen: 2.75 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.13 min
Lab File: BF089098.D
Acq: 18 Jul 2016 23:11

Tgt Ion:276 Resp: 8717

Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.9	28.3
138	28.7	21.4	32.2