Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
Data File : BF088207.D
Acq On : 21 Jun 2016 8:59
Operator : UM/SJ
Sample : H3570-20RE
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jun 21 11:50:53 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	149319	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	605261	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	281542	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	448792	20.00	ng		0.00
75) Chrysene-d12	13.81	240	328630	20.00	ng		0.00
86) Perylene-d12	15.18	264	338984	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	296401	33.93	ng		0.00
7) Phenol-d6	6.32	99	435562	41.15	ng		-0.01
23) Nitrobenzene-d5	7.23	82	241322	23.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	182175	61.28	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	519503	25.08	ng		-0.01
78) Terphenyl-d14	12.75	244	637747	44.16	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.33	94	3319	Below Cal		#	32
19) n-Nitroso-di-n-propylamine	7.23	70	30829	4.55	ng	#	71
45) 1,1'-Biphenyl	9.13	154	214	Below Cal		#	43
49) Dimethylphthalate	9.43	163	266221	13.05	ng		99
56) 2,4-Dinitrotoluene	9.70	165	35947	5.99	ng	#	38
57) Fluorene	10.26	166	1447	Below Cal		#	44
64) 4,6-Dinitro-2-methylphenol	10.49	198	263	2.25	ng	#	1
66) 4-Bromophenyl-phenylether	10.49	248	11844	2.46	ng	#	1
74) Fluoranthene	12.39	202	50259	2.02	ng		96
77) Pyrene	12.61	202	70688	2.90	ng		98
80) Benzo(a)anthracene	13.79	228	55448	2.96	ng		99
82) Chrysene	13.83	228	40798	2.32	ng		98
85) Indeno(1,2,3-cd)pyrene	16.47	276	50906	3.11	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	109038	4.62	ng	#	92
88) Benzo(k)fluoranthene	14.80	252	109038	6.12	ng	#	97
89) Benzo(a)pyrene	15.13	252	62164	3.25	ng		97
91) Benzo(g,h,i)perylene	16.86	276	53145	2.91	ng		98

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

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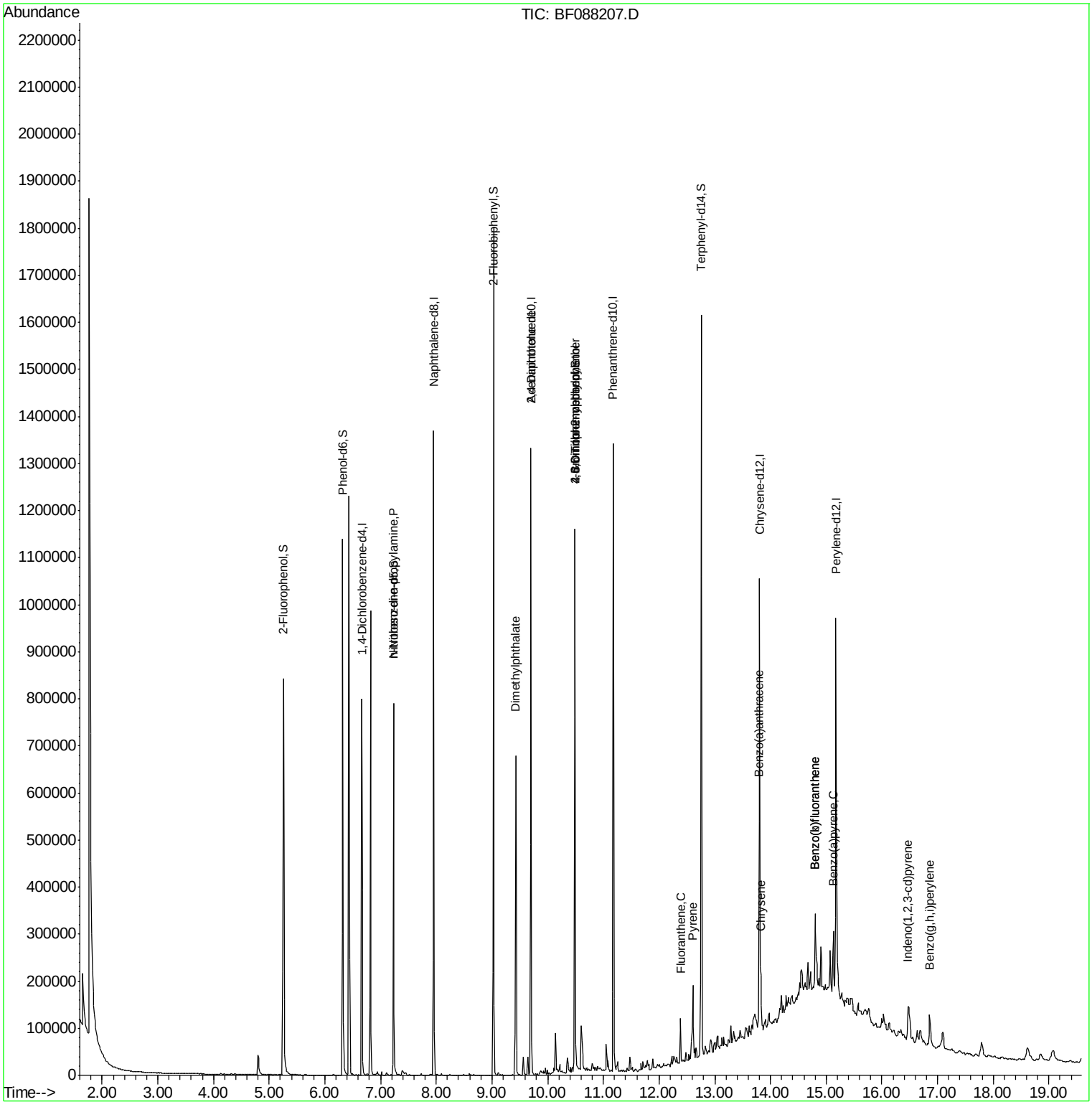
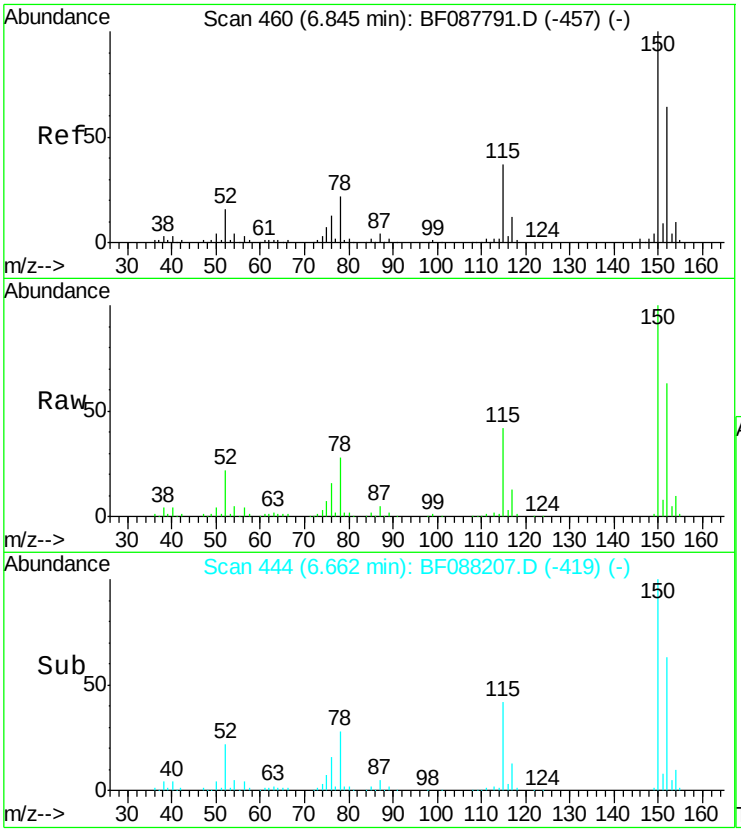


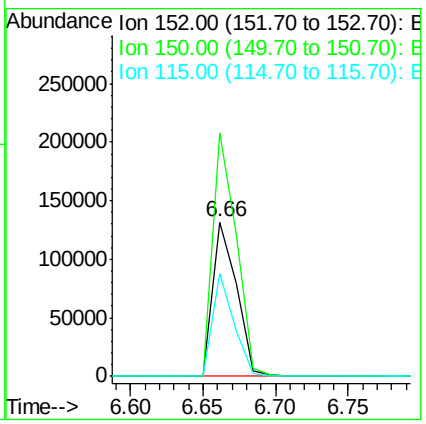


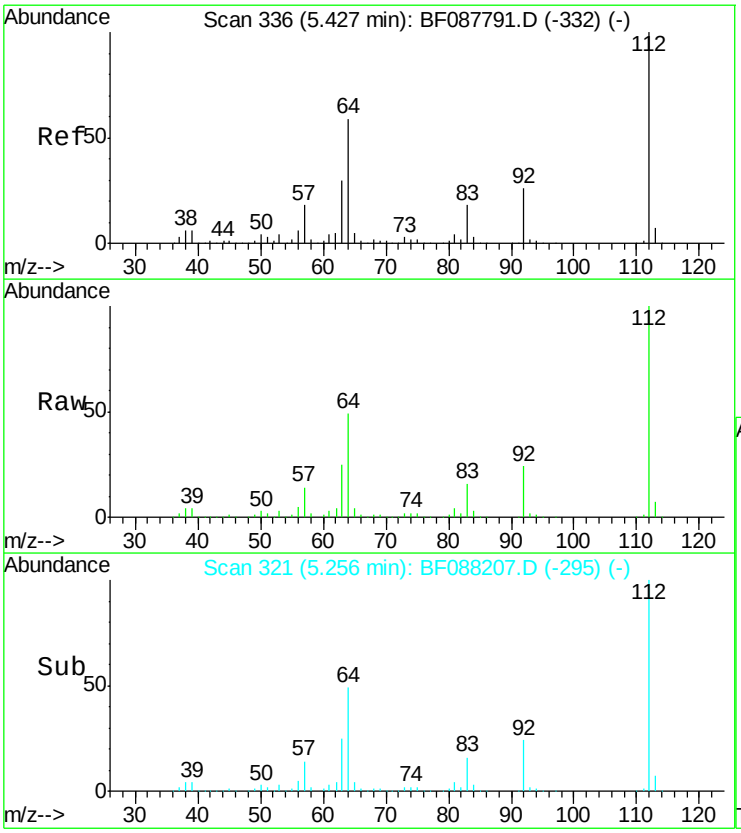
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 149319

Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.8	185.6
115	66.8	39.6	59.4#

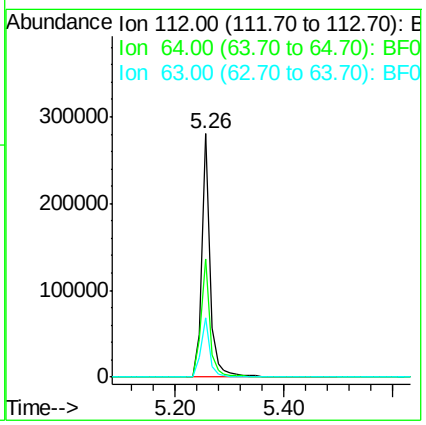


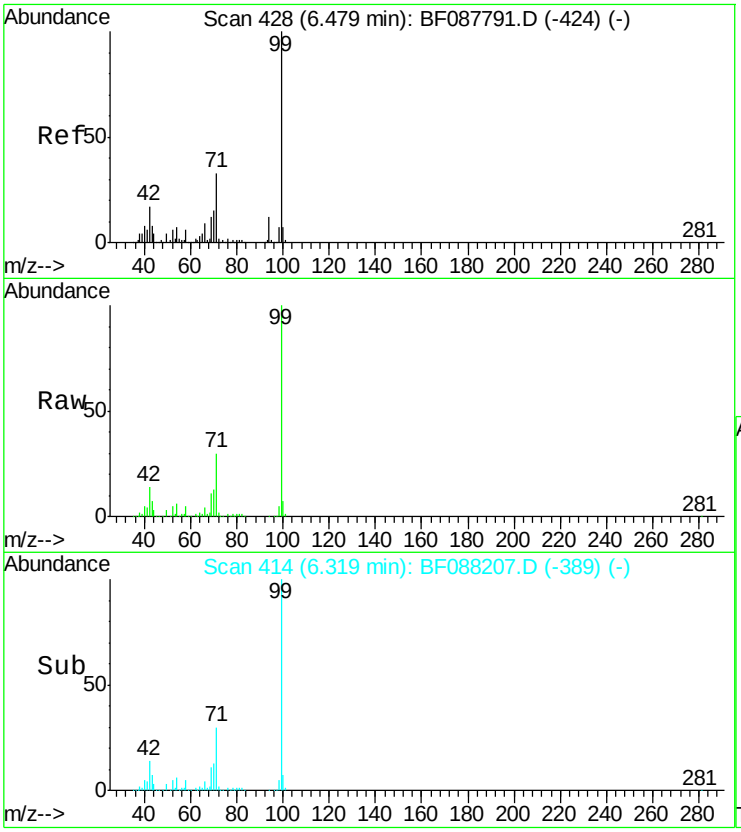


#5
2-Fluorophenol
Concen: 33.93 ng
RT: 5.26 min Scan# 321
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:112 Resp: 296401

Ion	Ratio	Lower	Upper
112	100		
64	48.8	42.2	63.2
63	24.6	21.8	32.8



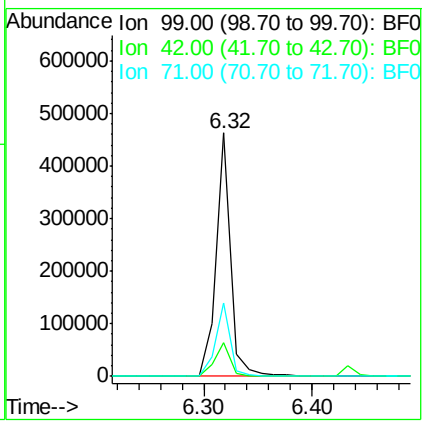


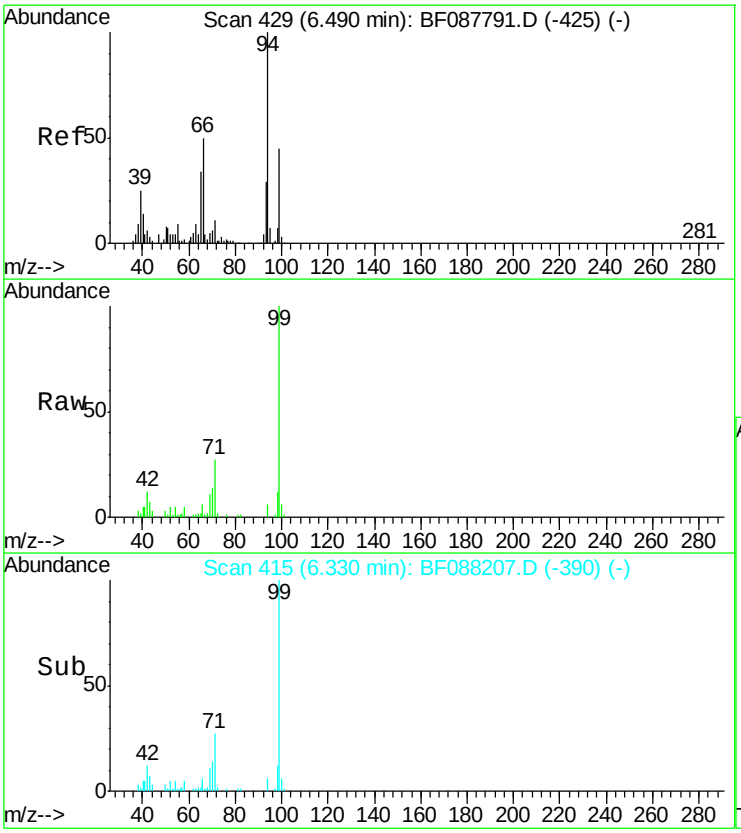
#7
Phenol-d6
Concen: 41.15 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 435562

Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.2	18.2
71	30.3	23.4	35.0

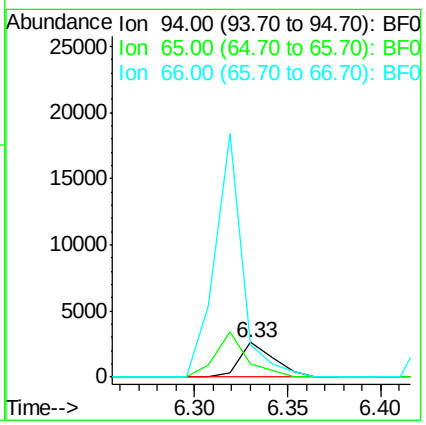


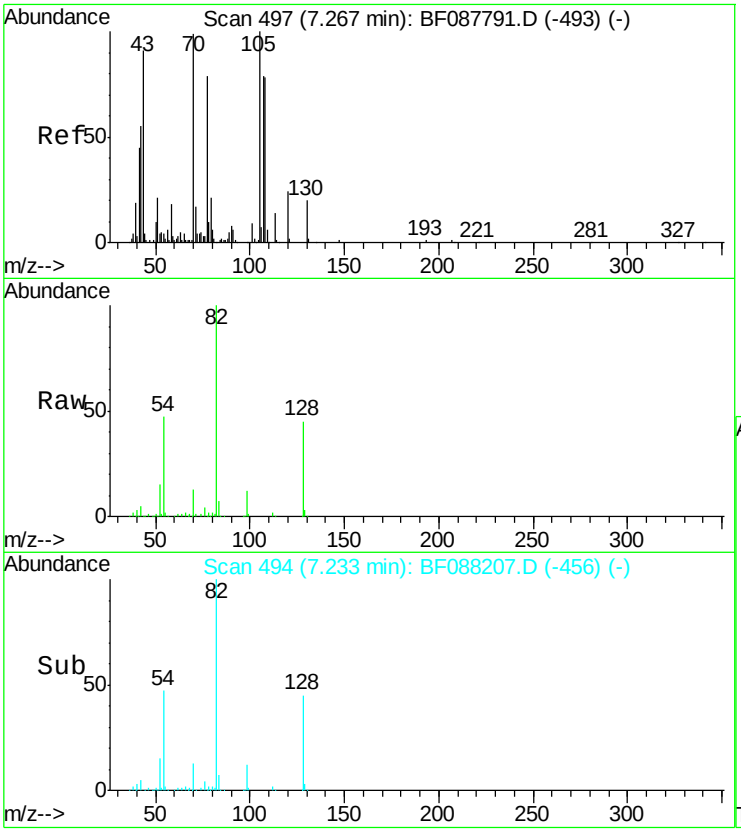


#10
Phenol
Concen: Below Cal
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion: 94 Resp: 3319

Ion	Ratio	Lower	Upper
94	100		
65	37.2	5.9	45.9
66	93.1	14.0	54.0#



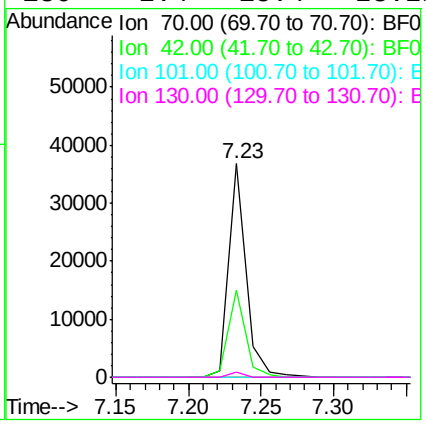


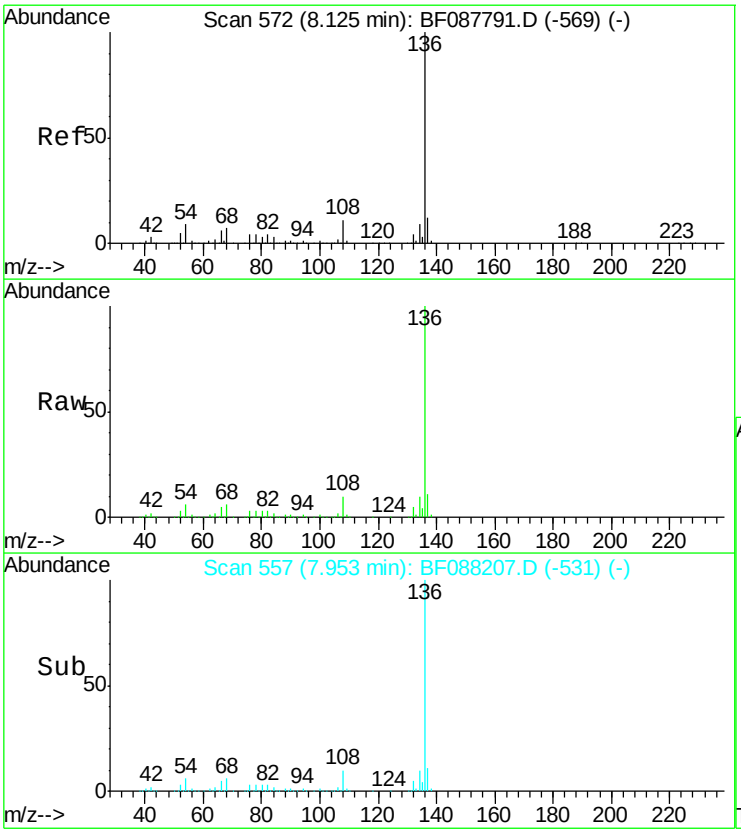
#19
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.14 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 30829

Ion	Ratio	Lower	Upper
70	100		
42	40.9	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#

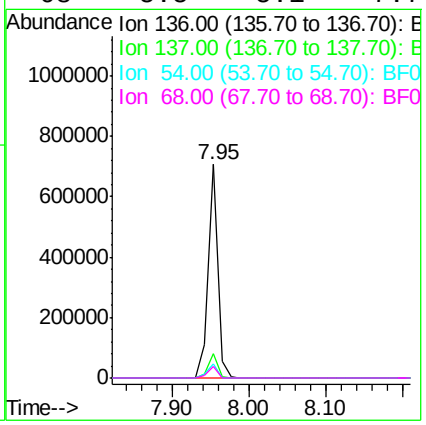


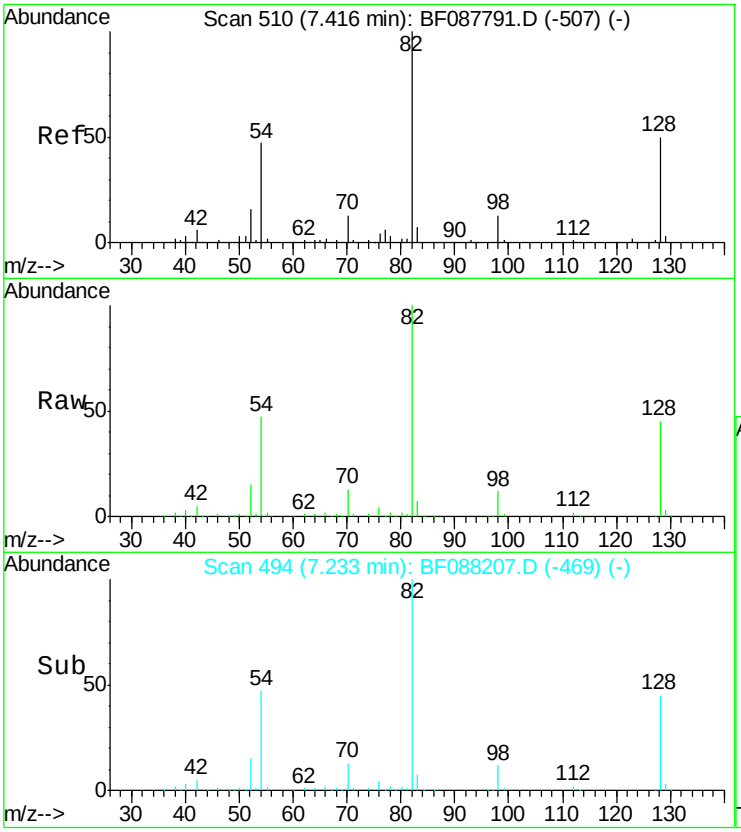


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:136 Resp: 605261

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	6.4	6.6	10.0#
68	5.5	5.1	7.7



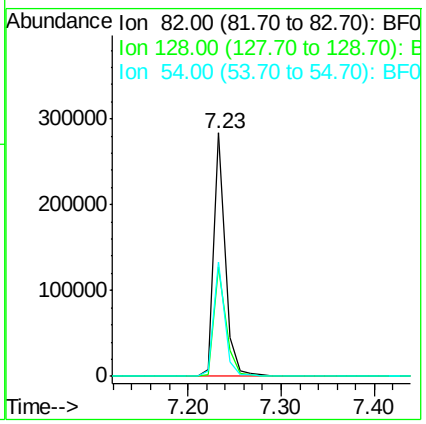


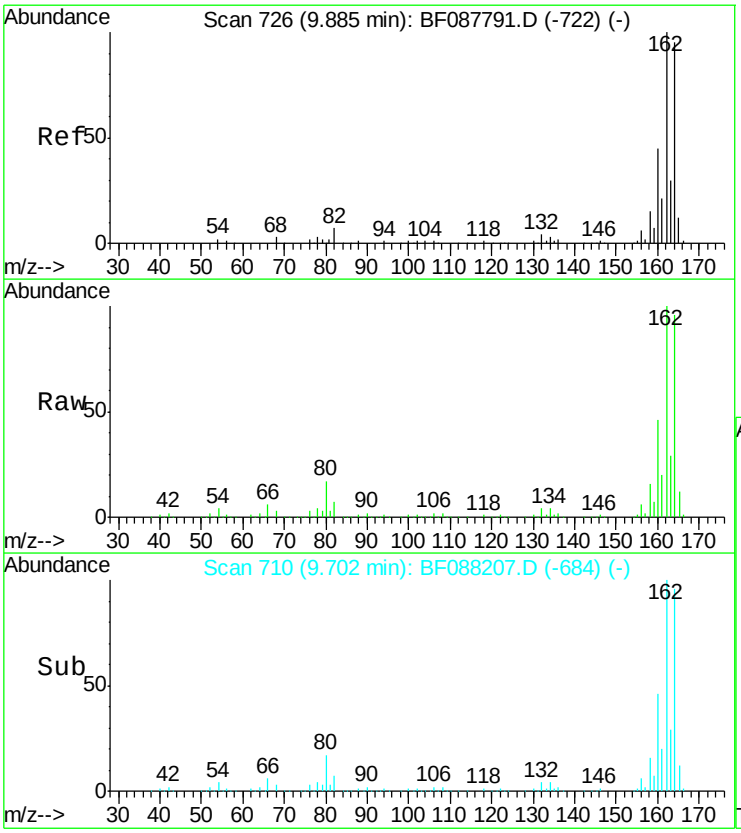
#23
Nitrobenzene-d5
Concen: 23.28 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 241322

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.9	53.9
54	46.7	40.9	61.3

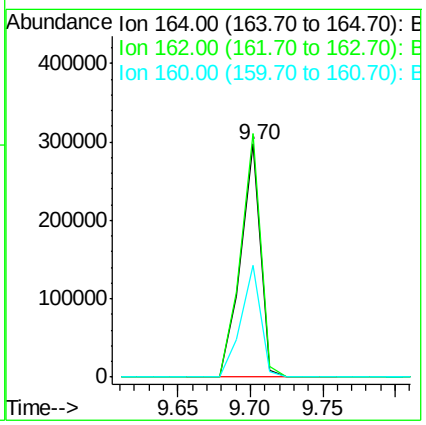


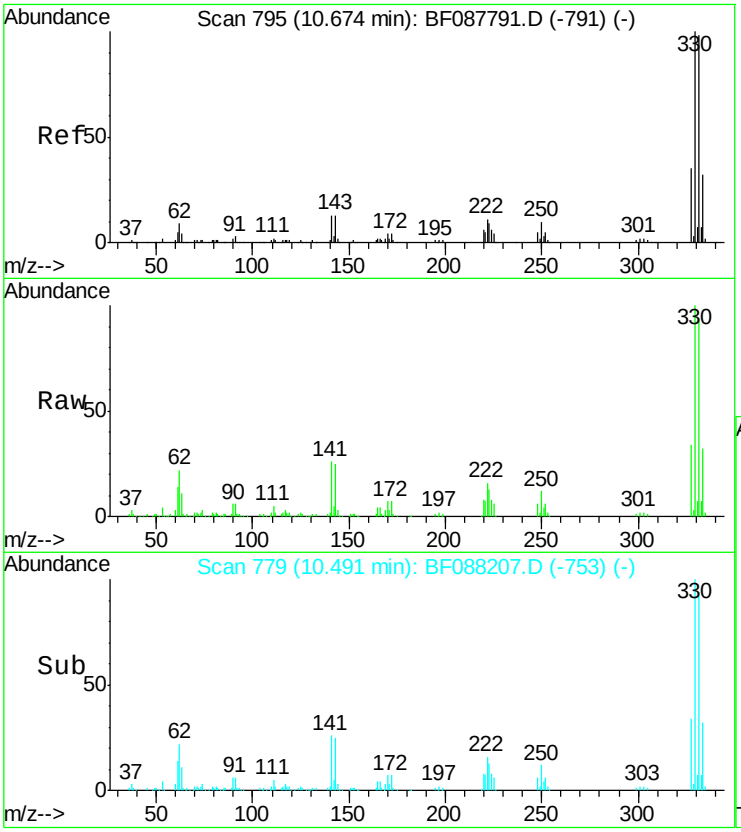


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:164 Resp: 281542

Ion	Ratio	Lower	Upper
164	100		
162	104.6	85.4	128.2
160	47.9	39.5	59.3



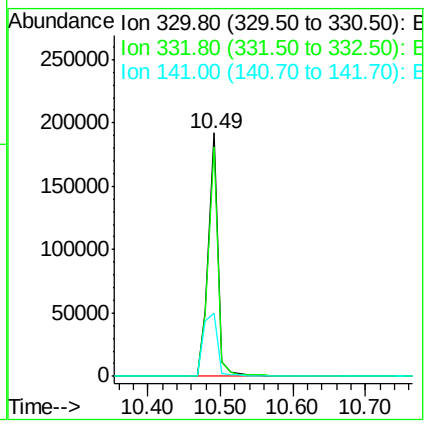


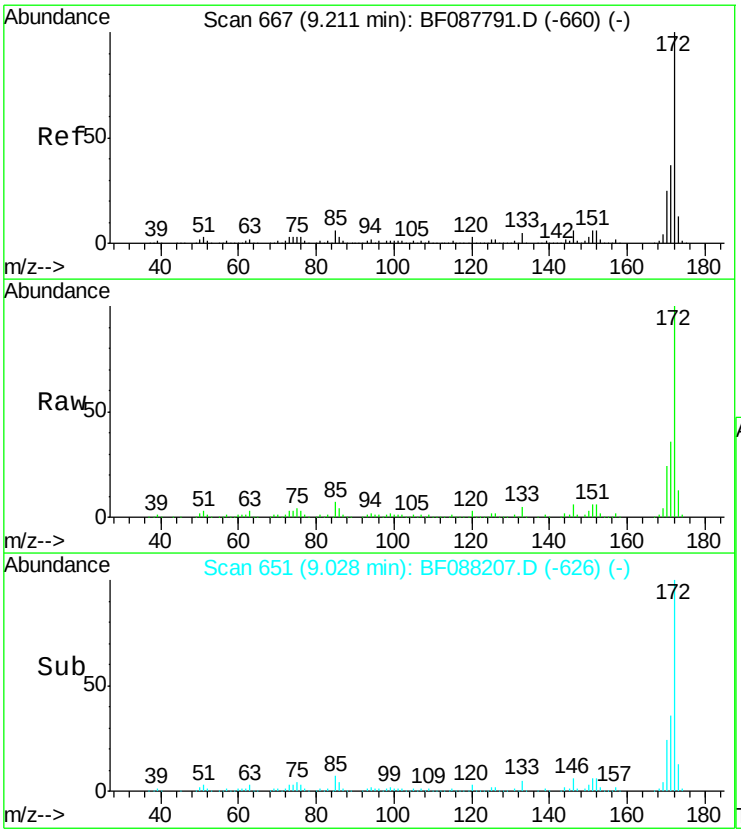
#41
2,4,6-Tribromophenol
Concen: 61.28 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 182175

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	37.9	0.0	0.0#

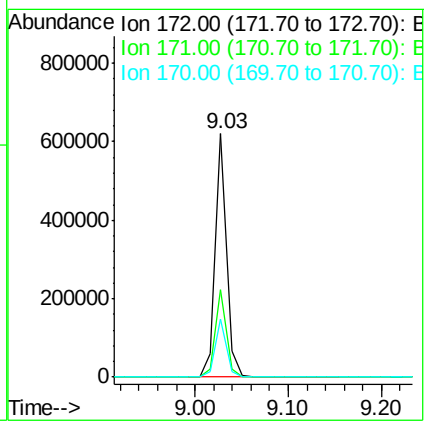


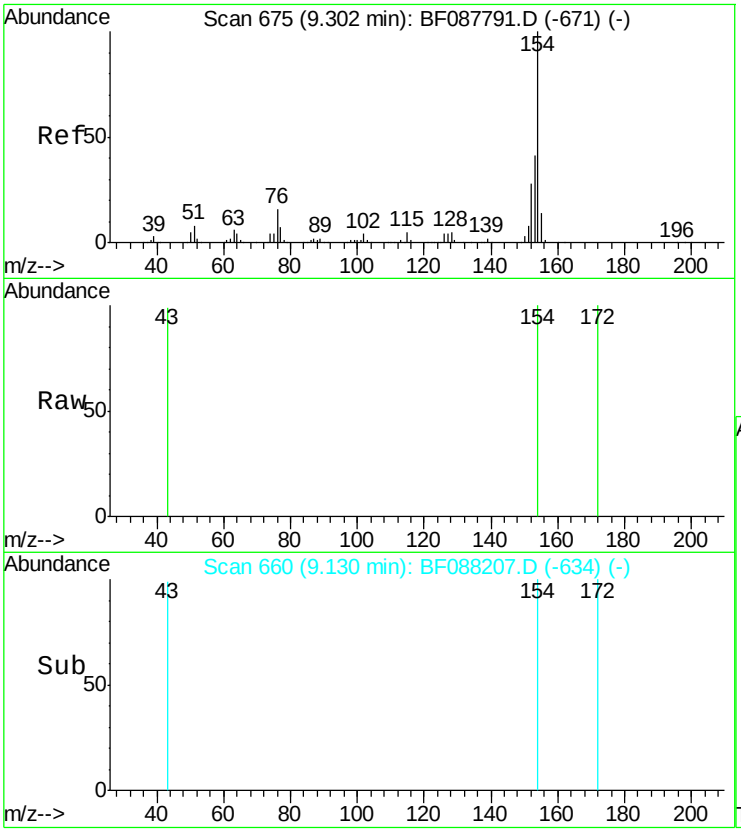


#44
2-Fluorobiphenyl
Concen: 25.08 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:172 Resp: 519503

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.2	28.8



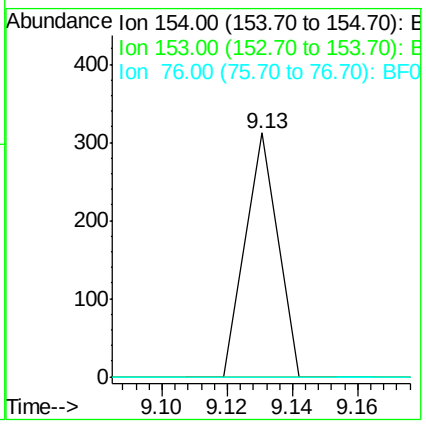


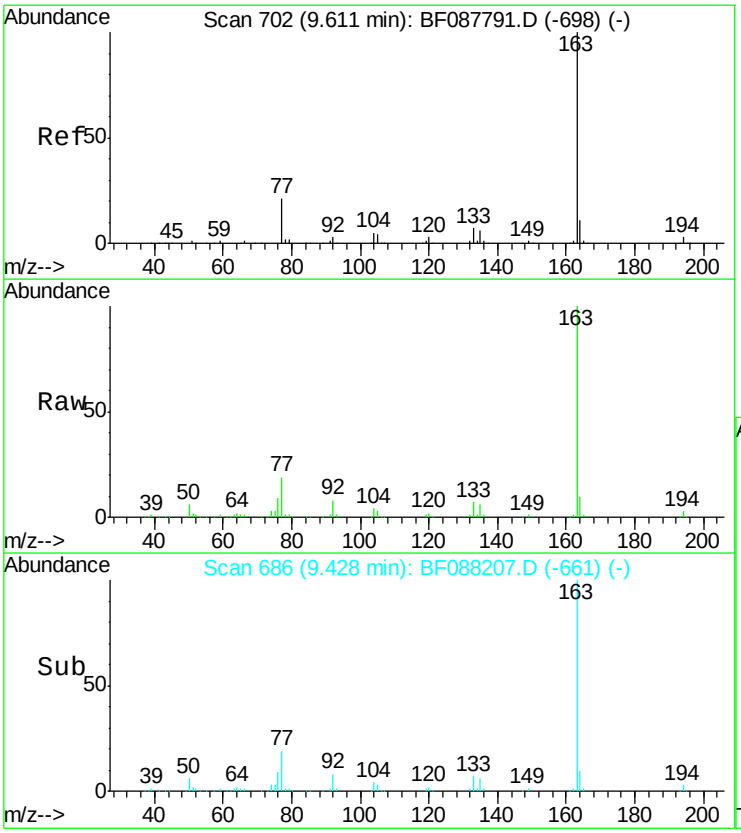
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.13 min Scan# 660
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 214

Ion	Ratio	Lower	Upper
154	100		
153	0.0	20.6	60.6#
76	0.0	0.0	35.1

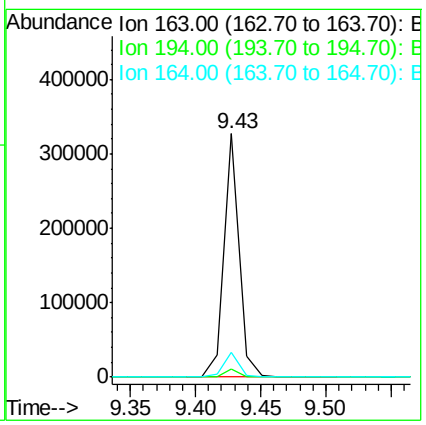


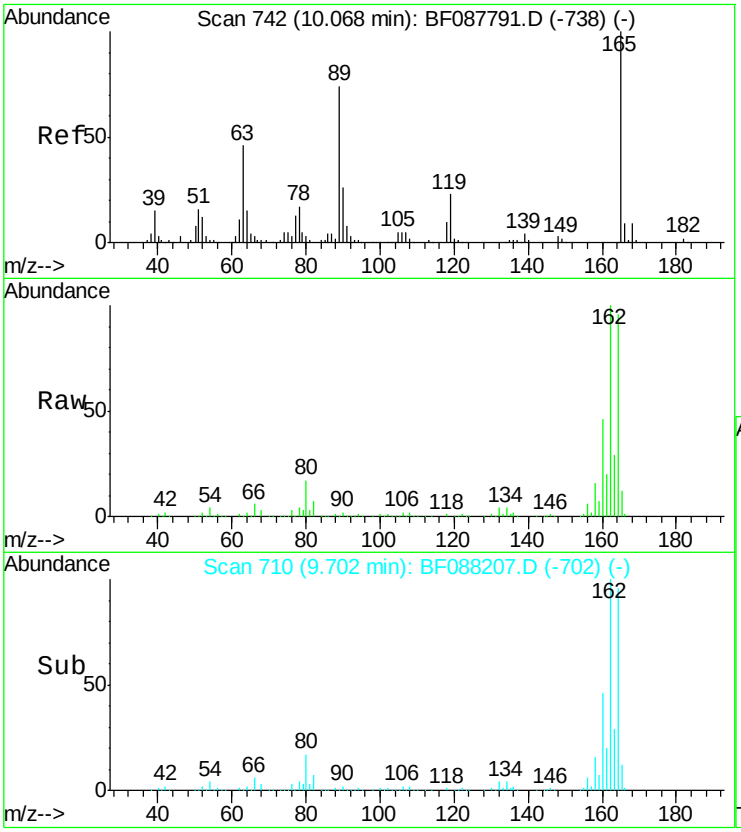


#49
Dimethylphthalate
Concen: 13.05 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:163 Resp: 266221

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.1	8.3	12.5



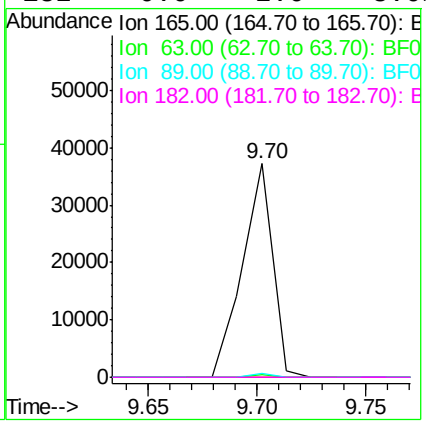


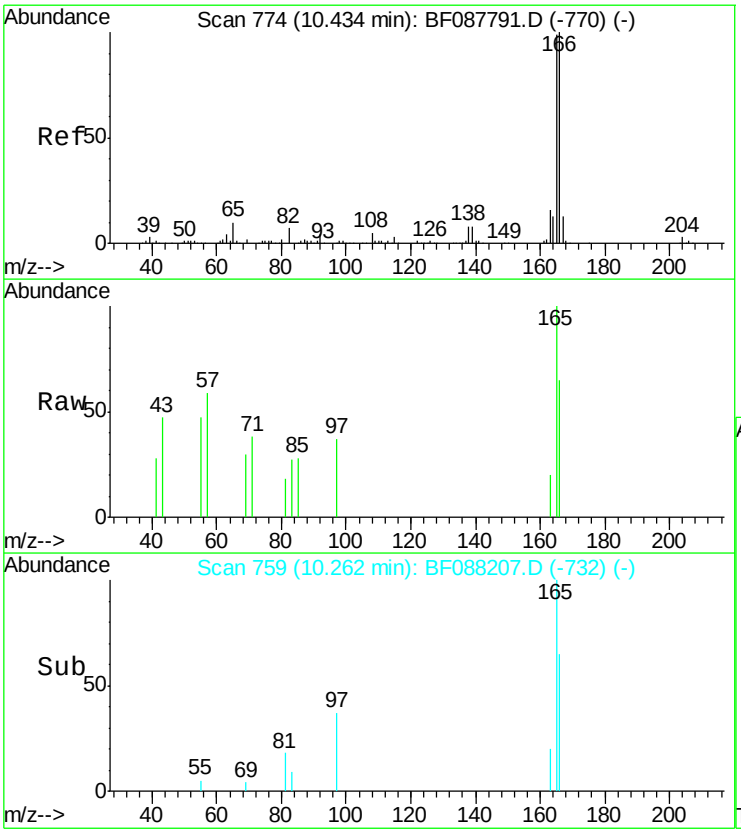
#56
2,4-Dinitrotoluene
Concen: 5.99 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.21 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 35947

Ion	Ratio	Lower	Upper
165	100		
63	1.2	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

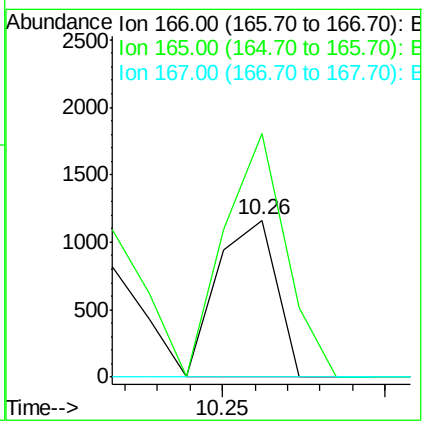


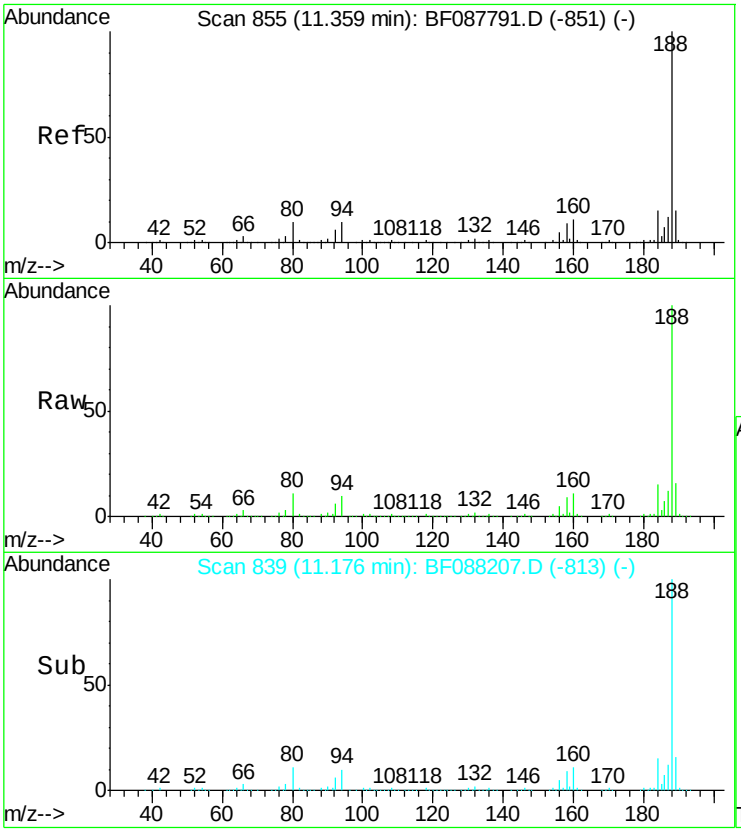


#57
Fluorene
Concen: Below Cal
RT: 10.26 min Scan# 759
Delta R.T. 0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:166 Resp: 1447

Ion	Ratio	Lower	Upper
166	100		
165	154.9	77.8	116.8#
167	0.0	11.2	16.8#



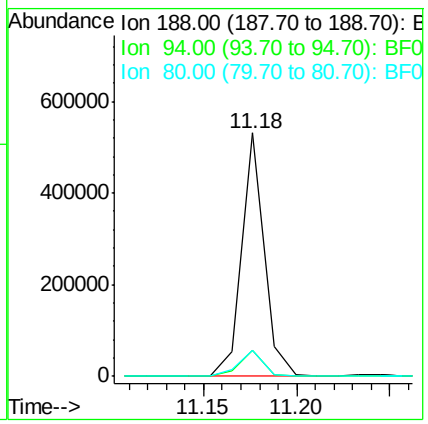


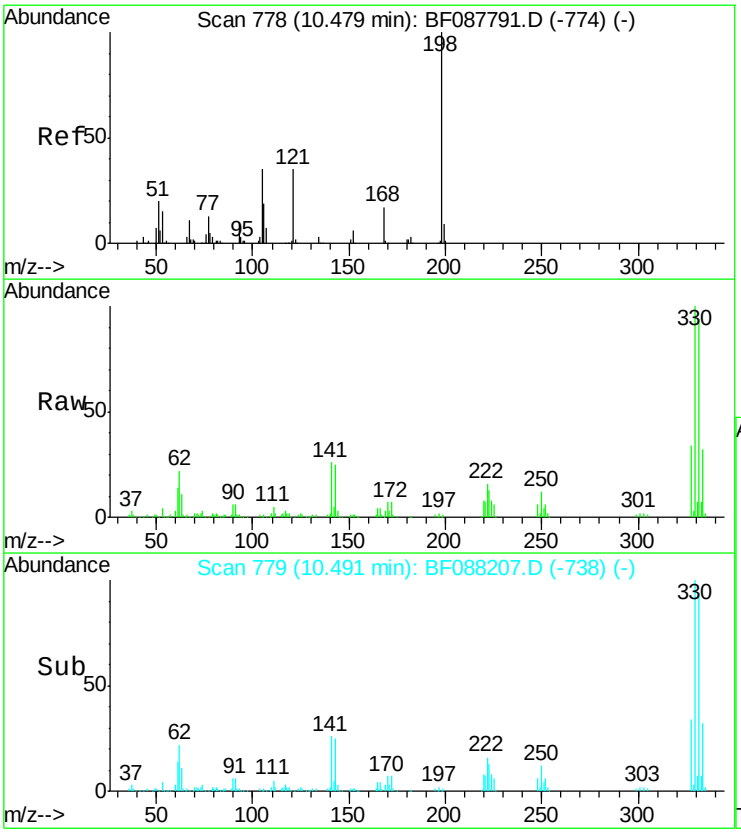
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 448792

Ion	Ratio	Lower	Upper
188	100		
94	10.4	9.0	13.6
80	10.7	10.0	15.0

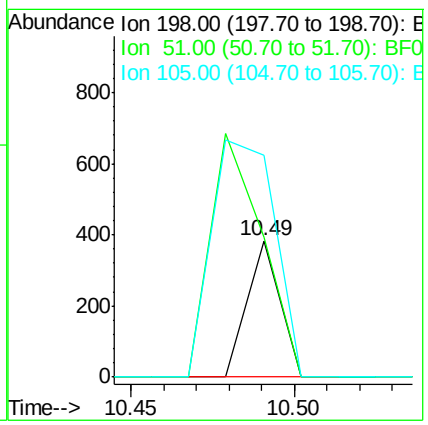


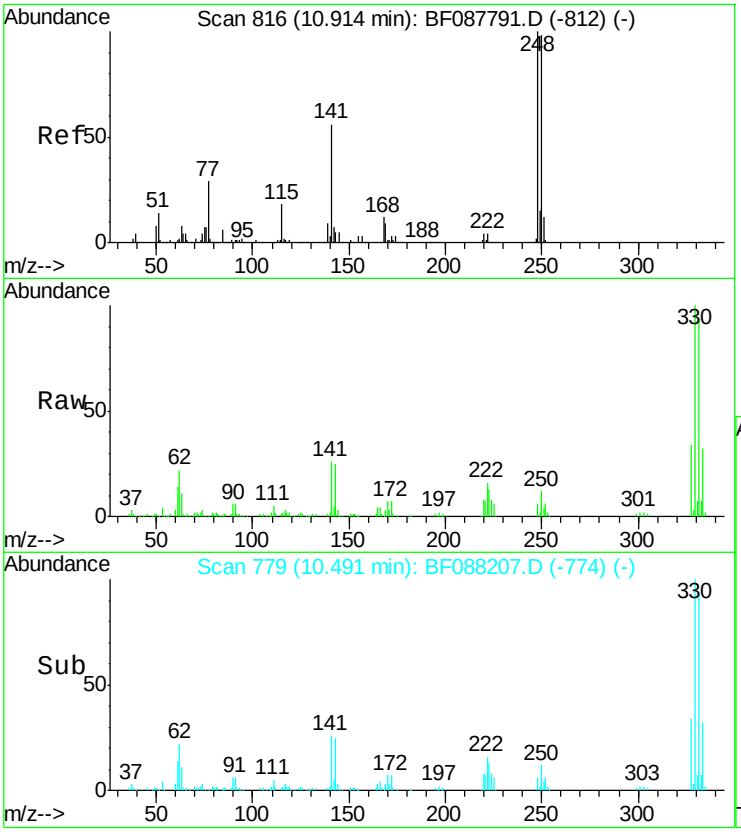


#64
4,6-Dinitro-2-methylphenol
Concen: 2.25 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.17 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:198 Resp: 263

Ion	Ratio	Lower	Upper
198	100		
51	102.3	39.6	79.6#
105	162.8	36.6	76.6#



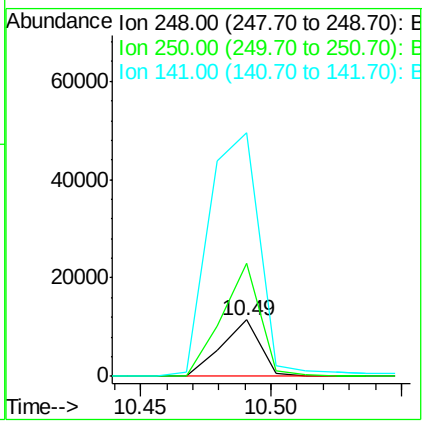


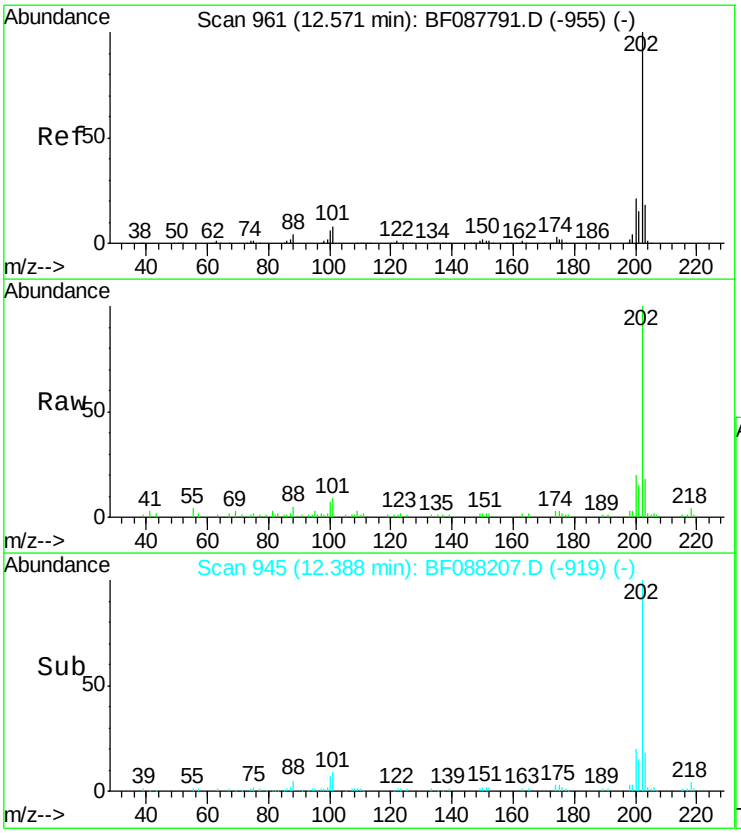
#66
4-Bromophenyl-phenylether
Concen: 2.46 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.24 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11844

Ion	Ratio	Lower	Upper
248	100		
250	200.2	77.1	115.7#
141	431.4	50.6	76.0#

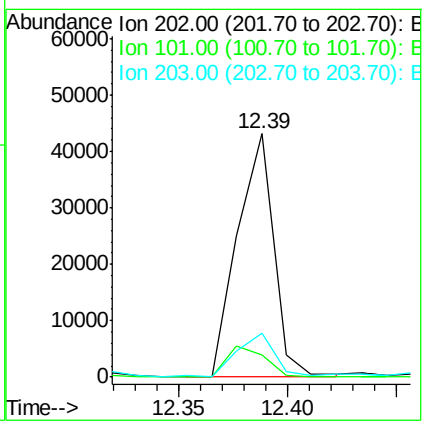


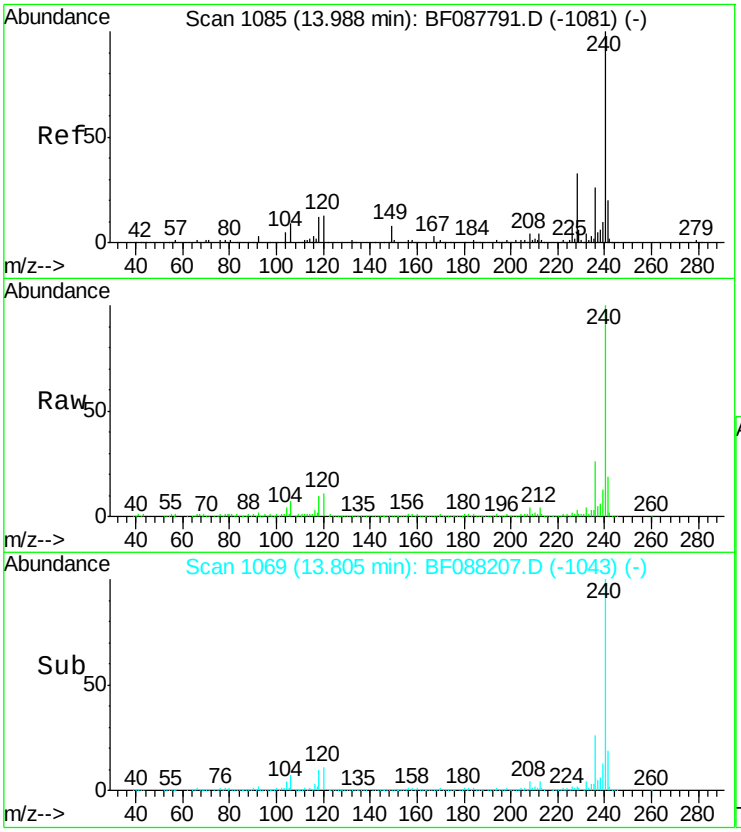


#74
Fluoranthene
Concen: 2.02 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:202 Resp: 50259

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	33.1
203	18.0	0.0	38.1



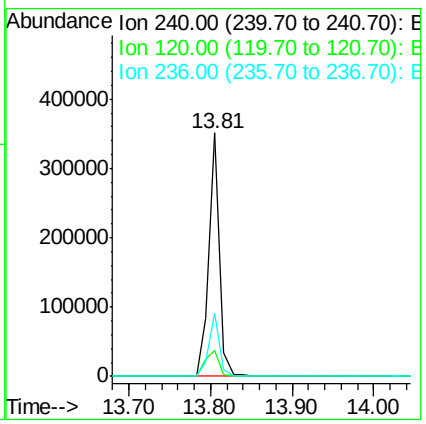


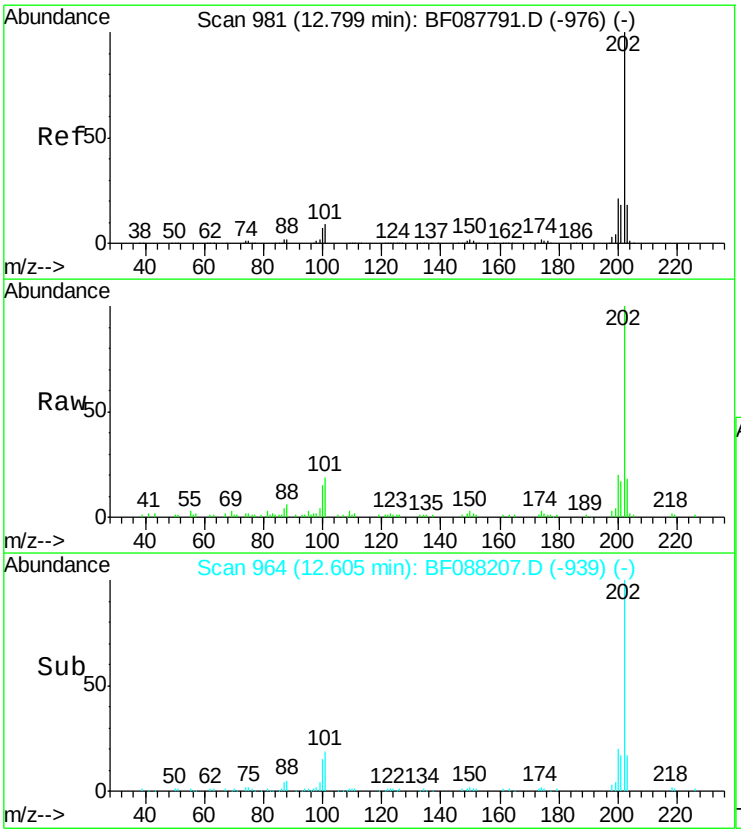
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 328630

Ion	Ratio	Lower	Upper
240	100		
120	10.9	6.8	10.2#
236	25.8	20.2	30.2

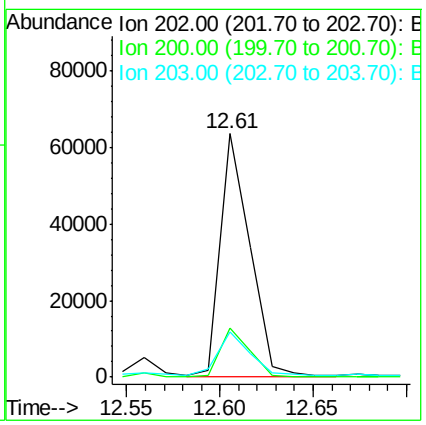


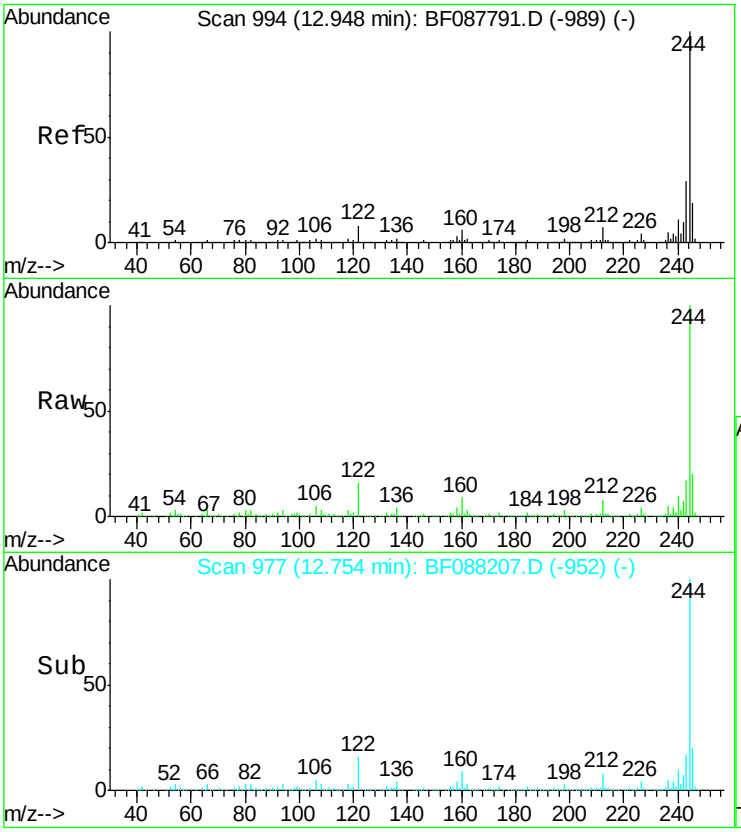


#77
Pyrene
Concen: 2.90 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:202 Resp: 70688

Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.4	26.2
203	18.3	14.5	21.7



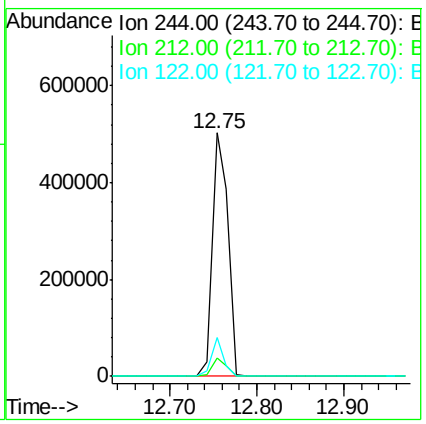


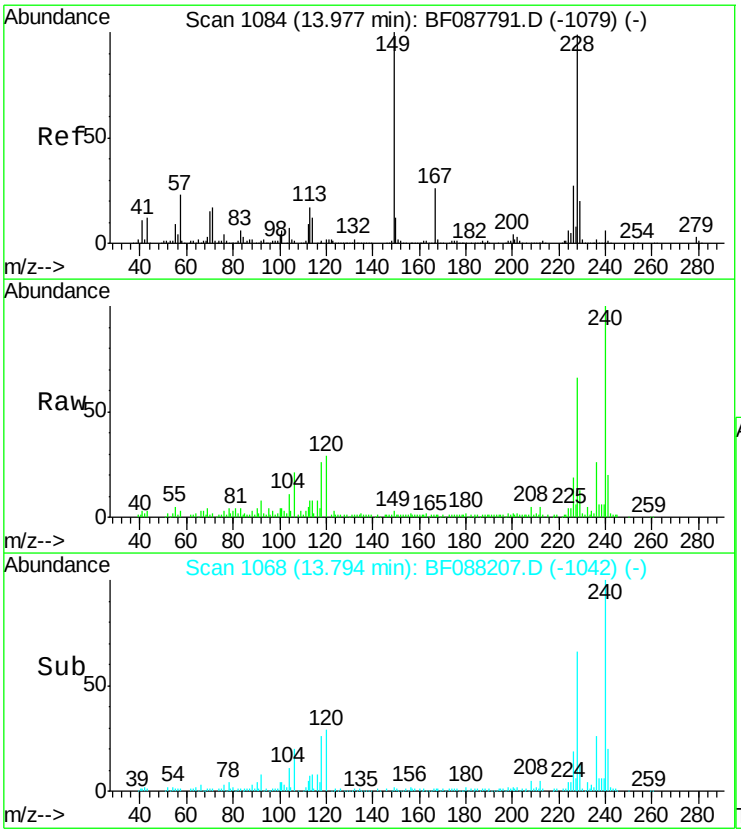
#78
Terphenyl-d14
Concen: 44.16 ng
RT: 12.75 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 637747

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	16.0	11.2	16.8

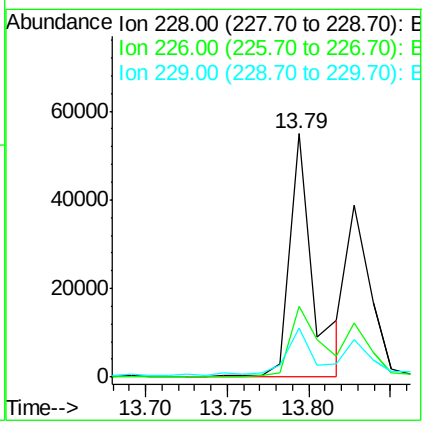


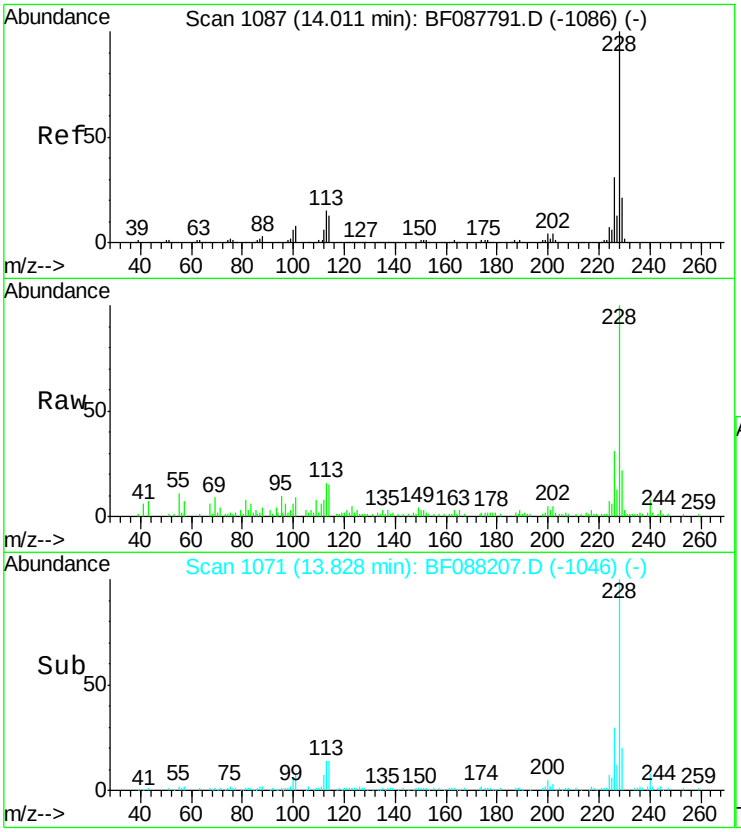


#80
Benzo(a)anthracene
Concen: 2.96 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:228 Resp: 55448

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.3	33.5
229	20.2	16.0	24.0



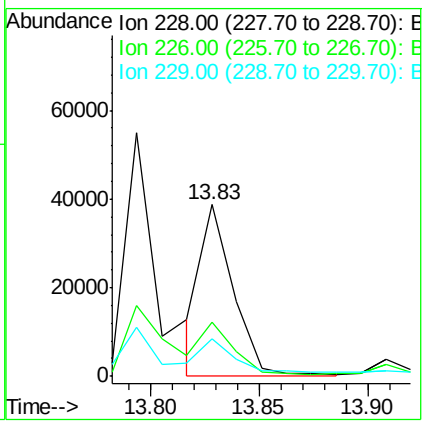


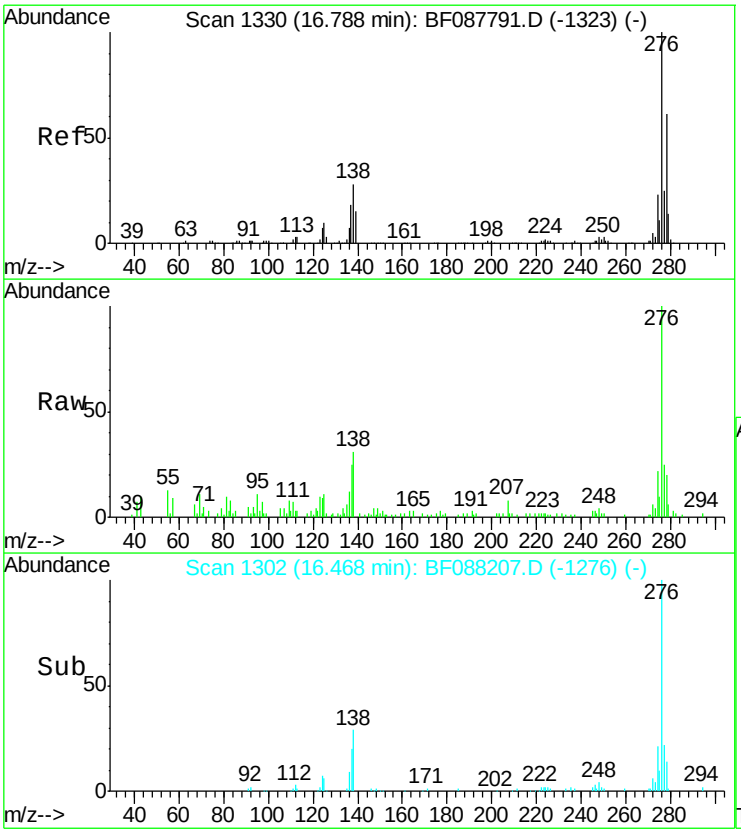
#82
Chrysene
Concen: 2.32 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 40798

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.2
229	22.1	16.3	24.5

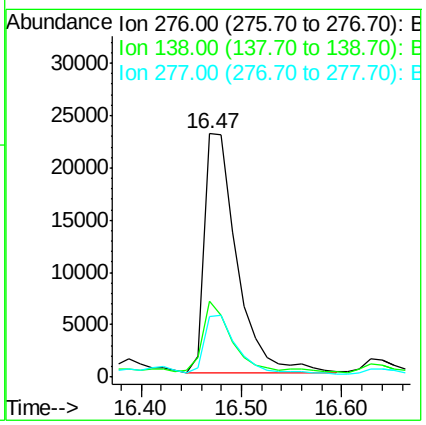


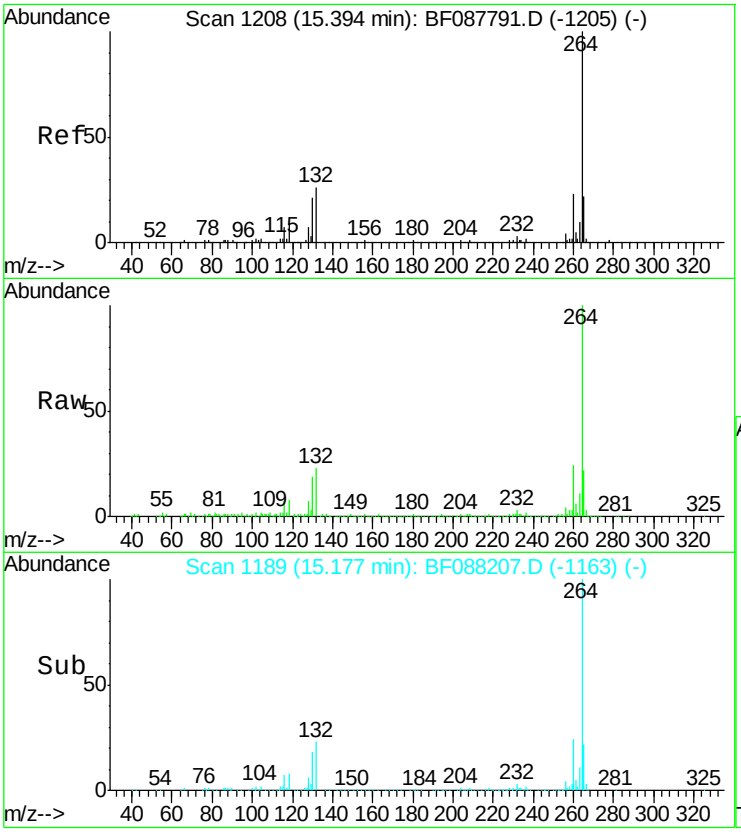


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.11 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:276 Resp: 50906

Ion	Ratio	Lower	Upper
276	100		
138	27.9	0.0	0.0#
277	24.7	0.0	0.0#



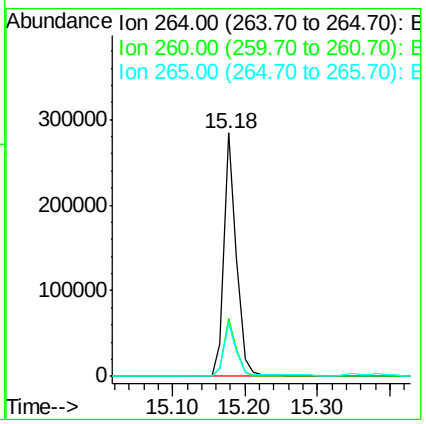


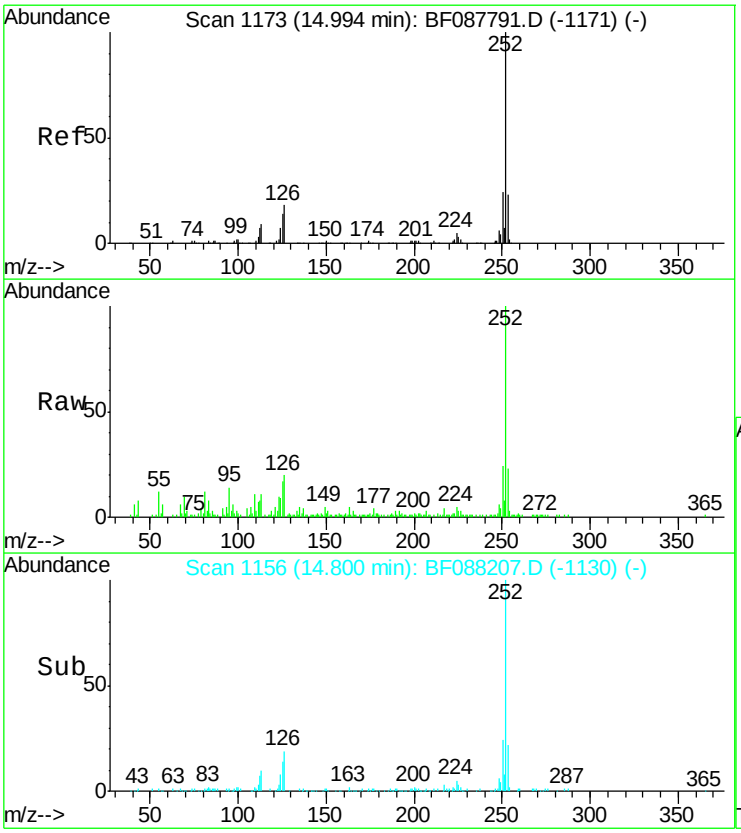
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 338984

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.0	16.9	25.3

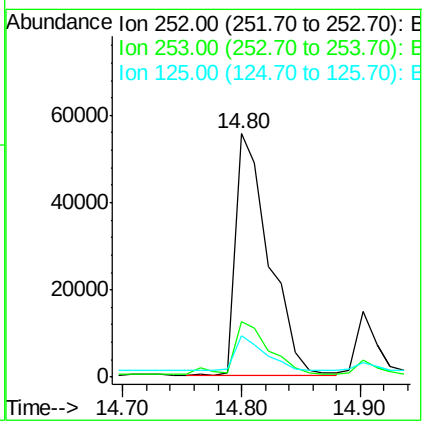


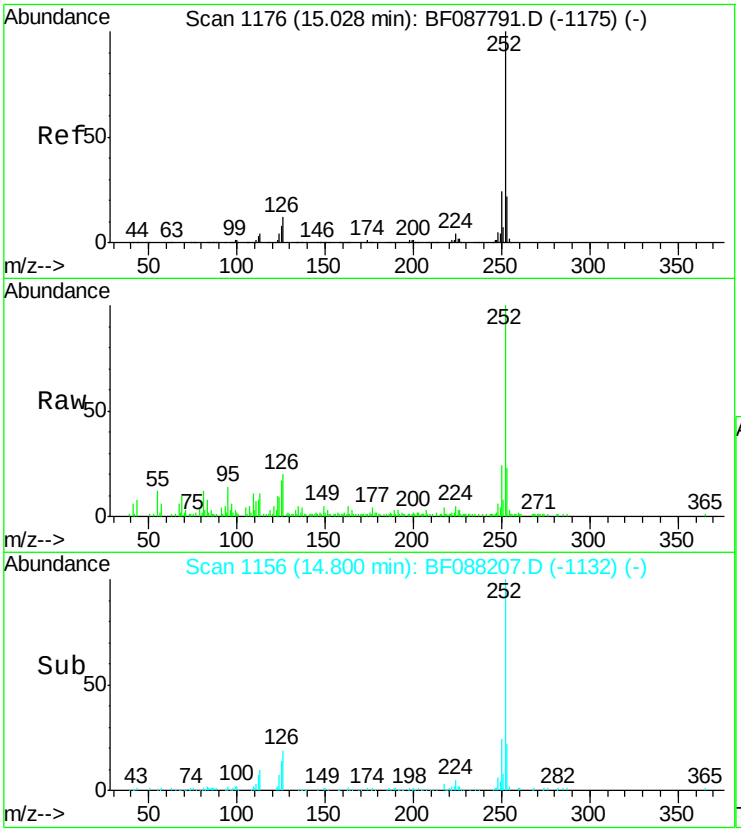


#87
Benzo(b)fluoranthene
Concen: 4.62 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:252 Resp: 109038

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	16.8	7.1	10.7#



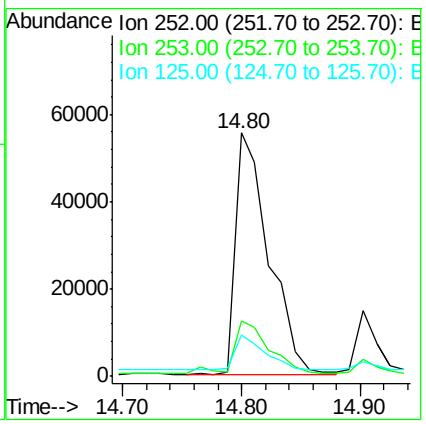


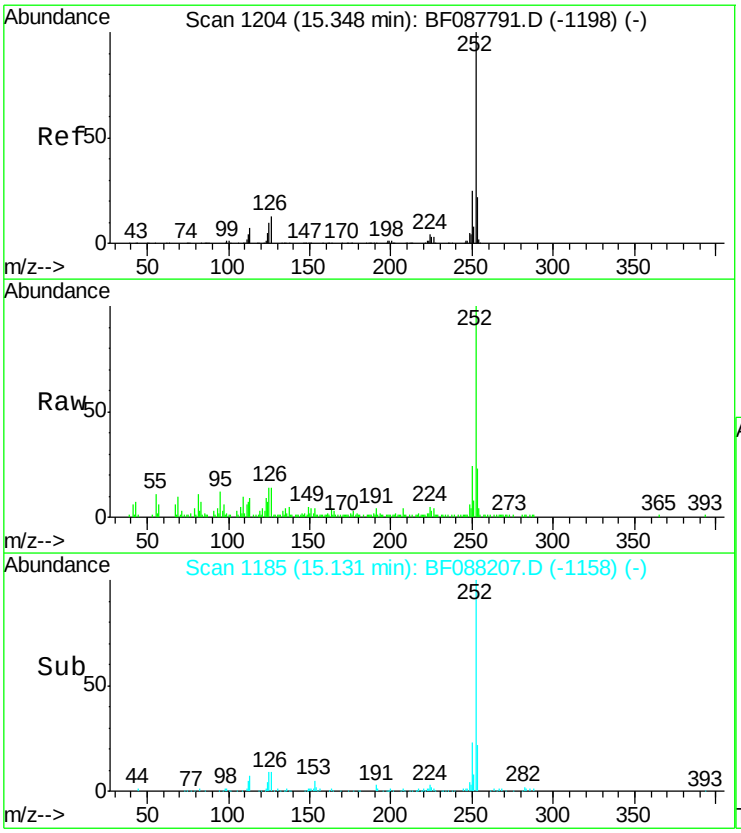
#88
Benzo(k)fluoranthene
Concen: 6.12 ng
RT: 14.80 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 109038

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	16.8	11.2	16.8#

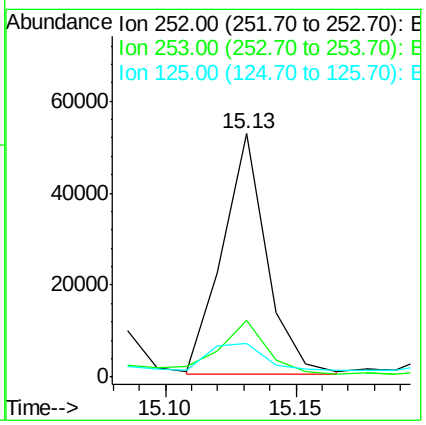


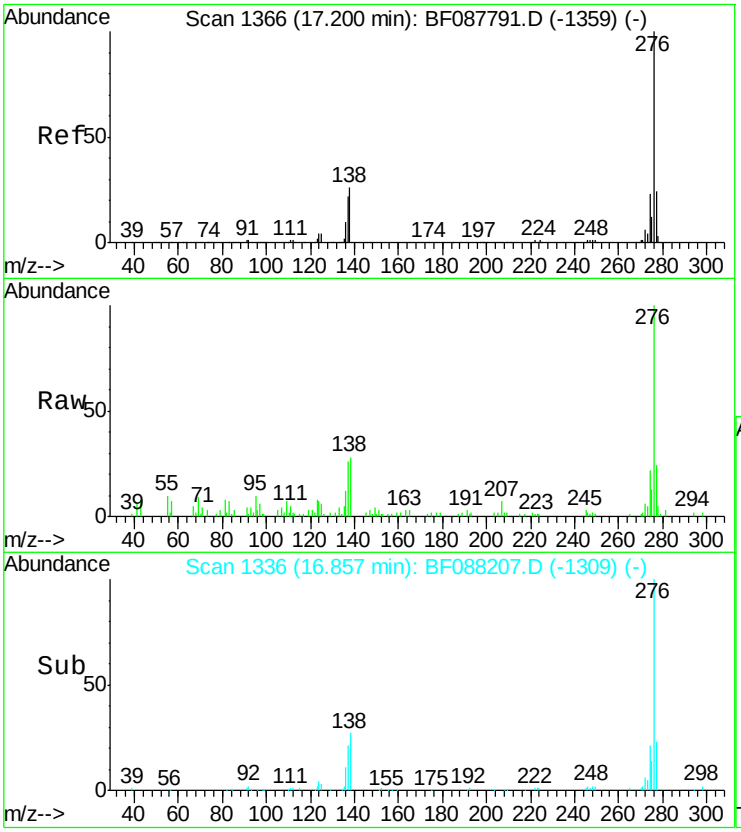


#89
Benzo(a)pyrene
Concen: 3.25 ng
RT: 15.13 min Scan# 1185
Delta R.T. 0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Tgt Ion:252 Resp: 62164

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	13.6	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 16.86 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF088207.D
Acq: 21 Jun 2016 8:59

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 53145

Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.9	28.3
138	28.4	21.4	32.2