Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082732.D
Acq On : 5 Nov 2015 16:35
Operator : UM/IZ
Sample : G4261-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DW-2

Quant Time: Nov 06 01:14:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	87391	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	305413	20.00	ng		-0.02
38) Acenaphthene-d10	9.90	164	162440	20.00	ng		-0.02
63) Phenanthrene-d10	11.39	188	263145	20.00	ng		-0.02
75) Chrysene-d12	14.02	240	179144	20.00	ng		-0.03
86) Perylene-d12	15.46	264	178294	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1015234	174.97	ng		0.00
7) Phenol-d6	6.50	99	1436654	186.38	ng		-0.01
23) Nitrobenzene-d5	7.42	82	838777	112.15	ng		-0.02
41) 2,4,6-Tribromophenol	10.69	330	319473	179.71	ng		-0.02
44) 2-Fluorobiphenyl	9.23	172	1230752	107.57	ng		-0.02
78) Terphenyl-d14	12.98	244	755887	92.34	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	29496	5.61	ng		97
15) Benzyl Alcohol	7.02	79	15086	2.10	ng	#	49
19) n-Nitroso-di-n-propylamine	7.42	70	119608	20.47	ng	#	69
25) Isophorone	7.42	82	661928	48.11	ng	#	69
49) Dimethylphthalate	9.62	163	365324	27.54	ng		98
55) 4-Nitrophenol	10.11	139	4911	2.13	ng	#	1
56) 2,4-Dinitrotoluene	9.90	165	21538	5.79	ng	#	16
57) Fluorene	10.45	166	33953	2.85	ng		94
66) 4-Bromophenyl-phenylether	10.69	248	21744	7.29	ng	#	1
70) Phenanthrene	11.41	178	507023	34.16	ng		96
71) Anthracene	11.46	178	103535	6.93	ng		93
72) Carbazole	11.61	167	38474	2.96	ng		96
74) Fluoranthene	12.60	202	838312	55.25	ng		93
77) Pyrene	12.82	202	551360	41.56	ng		95
80) Benzo(a)anthracene	14.04	228	492857	43.31	ng		96
82) Chrysene	14.04	228	492857	47.78	ng		95
83) Bis(2-ethylhexyl)phthalate	14.02	149	91577	12.16	ng		99
85) Indeno(1,2,3-cd)pyrene	16.87	276	167198	19.64	ng		97
87) Benzo(b)fluoranthene	15.05	252	480935	39.12	ng	#	95
88) Benzo(k)fluoranthene	15.05	252	480935	51.35	ng	#	94
89) Benzo(a)pyrene	15.40	252	201476	20.81	ng		95
90) Dibenzo(a,h)anthracene	16.88	278	35138	3.89	ng	#	84
91) Benzo(g,h,i)perylene	17.29	276	154830	17.68	ng		97

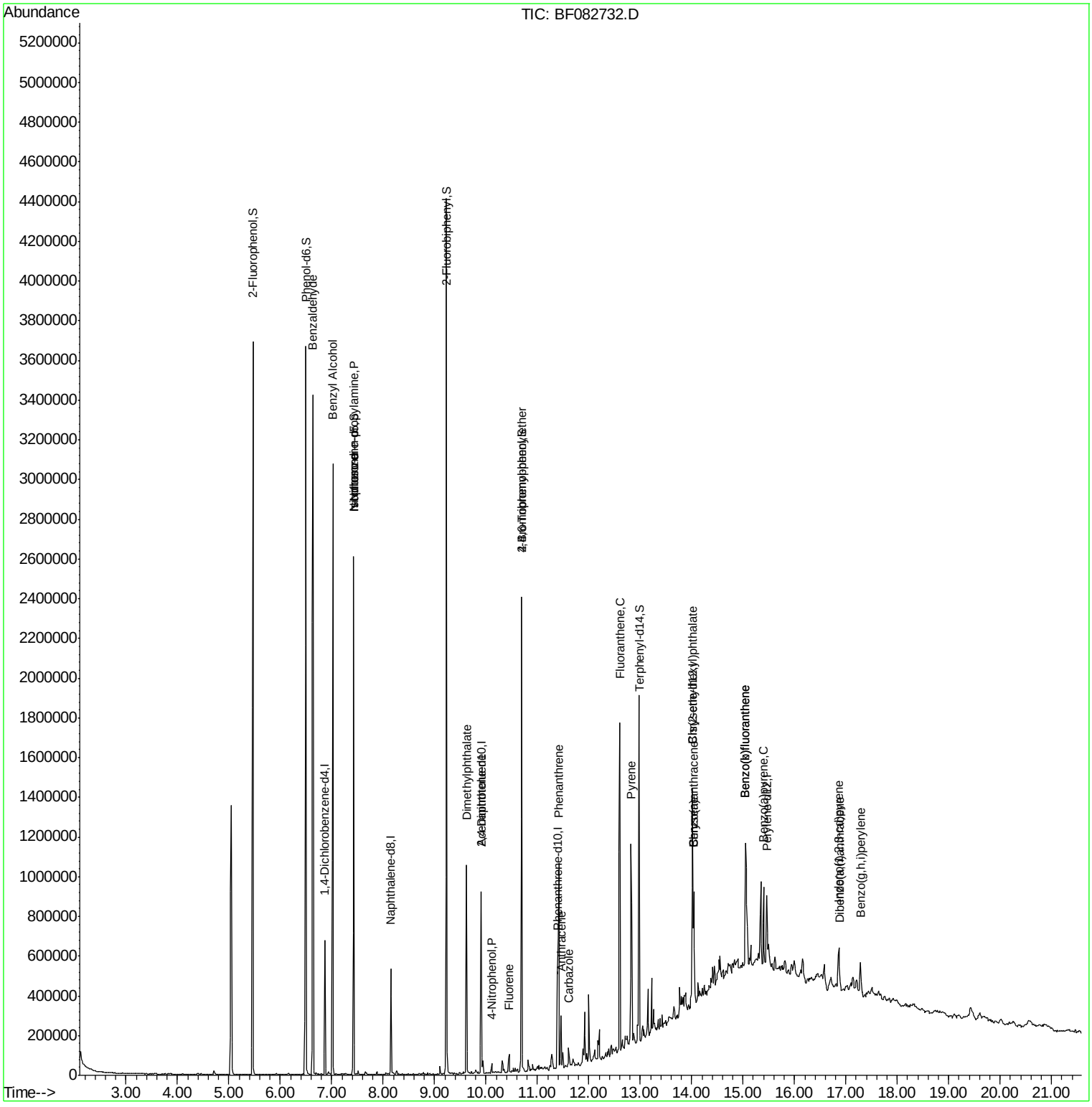
(#) = qualifier out of range (m) = manual integration (+) = signals summed

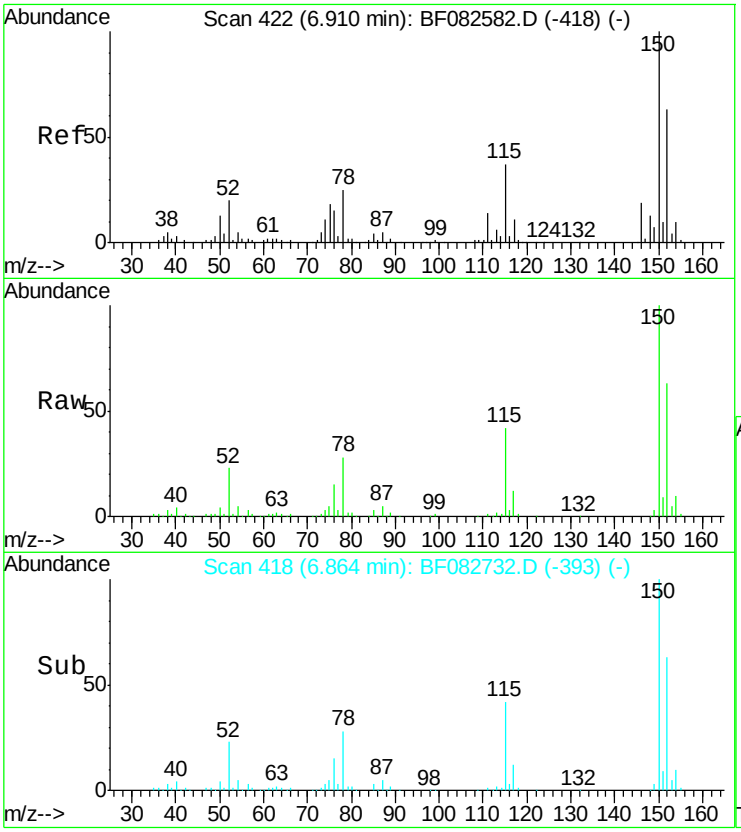
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
Data File : BF082732.D
Acq On : 5 Nov 2015 16:35
Operator : UM/IZ
Sample : G4261-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DW-2

Quant Time: Nov 06 01:14:42 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration



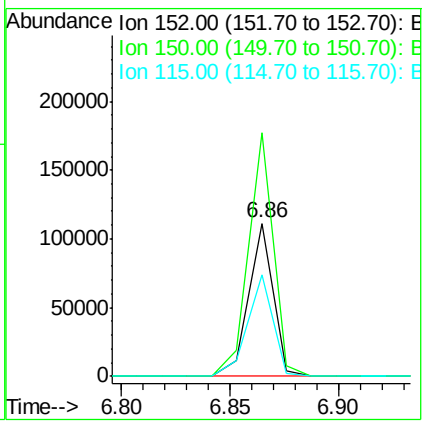


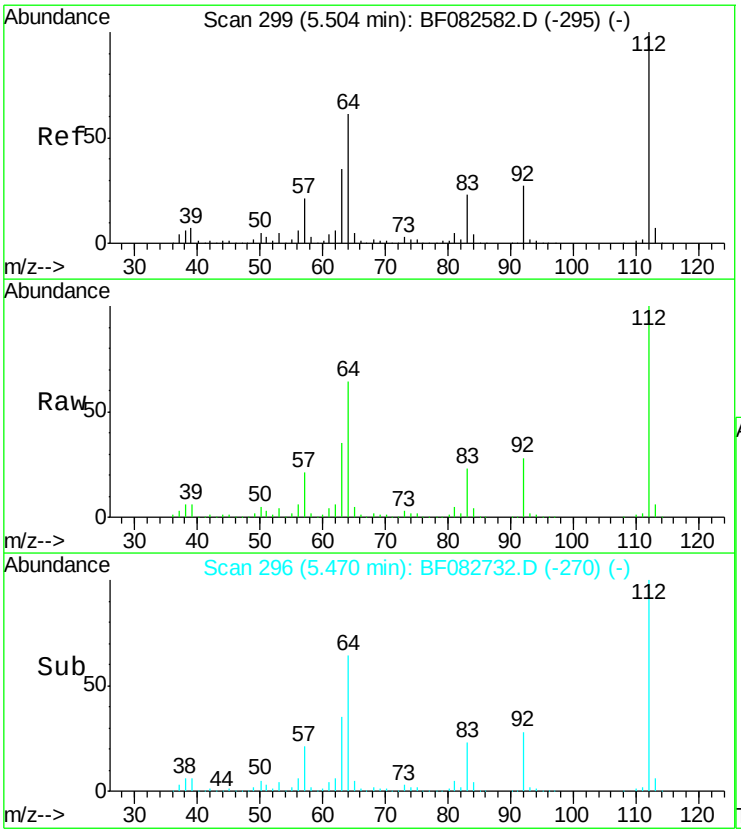
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:152 Resp: 87391

Ion	Ratio	Lower	Upper
152	100		
150	158.7	127.0	190.4
115	66.0	47.0	70.6

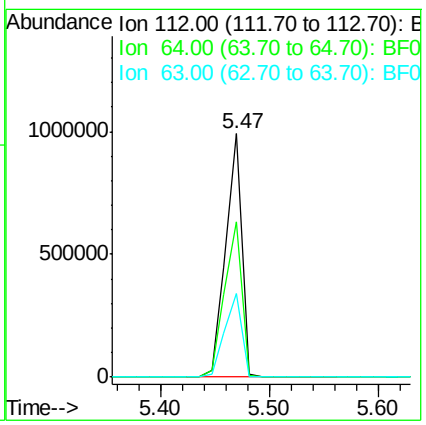


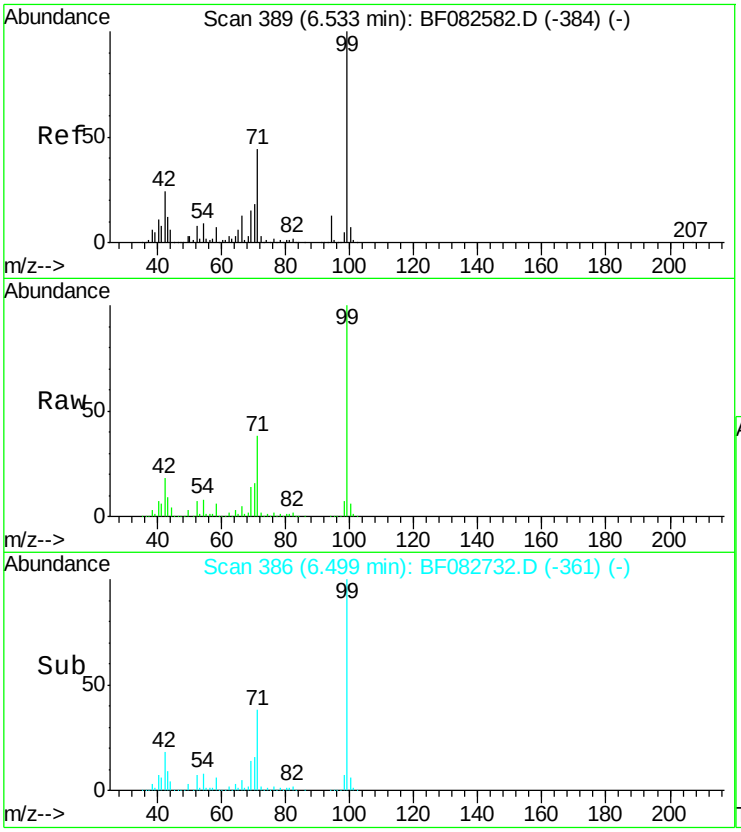


#5
2-Fluorophenol
Concen: 174.97 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.00 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:112 Resp: 1015234

Ion	Ratio	Lower	Upper
112	100		
64	63.8	48.9	73.3
63	34.6	28.1	42.1



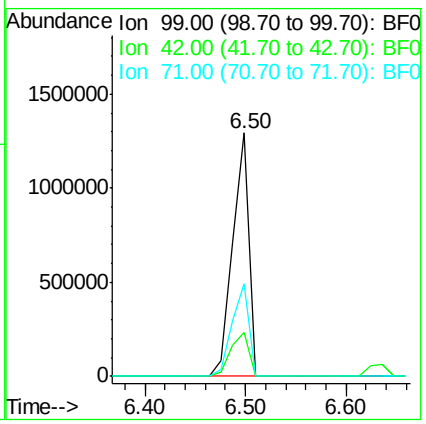


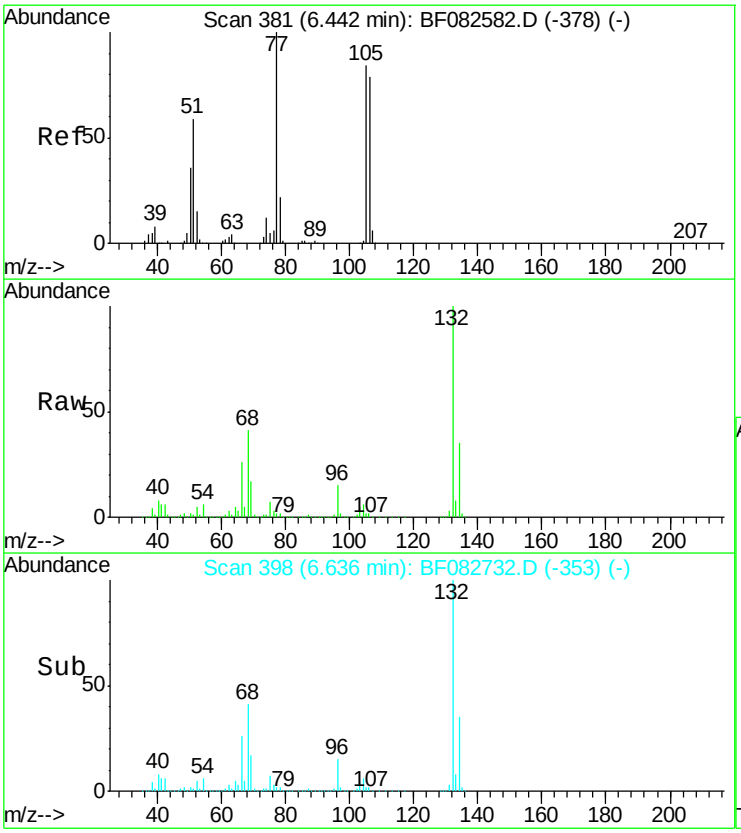
#7
Phenol-d6
Concen: 186.38 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion: 99 Resp: 1436654

Ion	Ratio	Lower	Upper
99	100		
42	18.2	19.2	28.8#
71	38.2	35.0	52.4

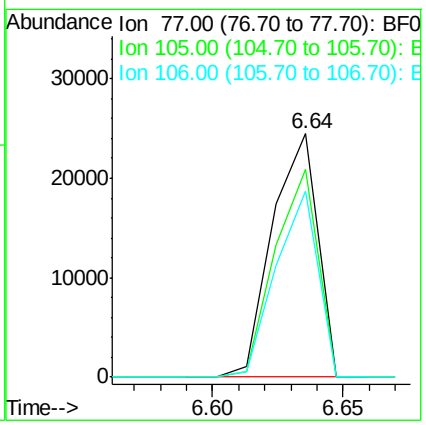


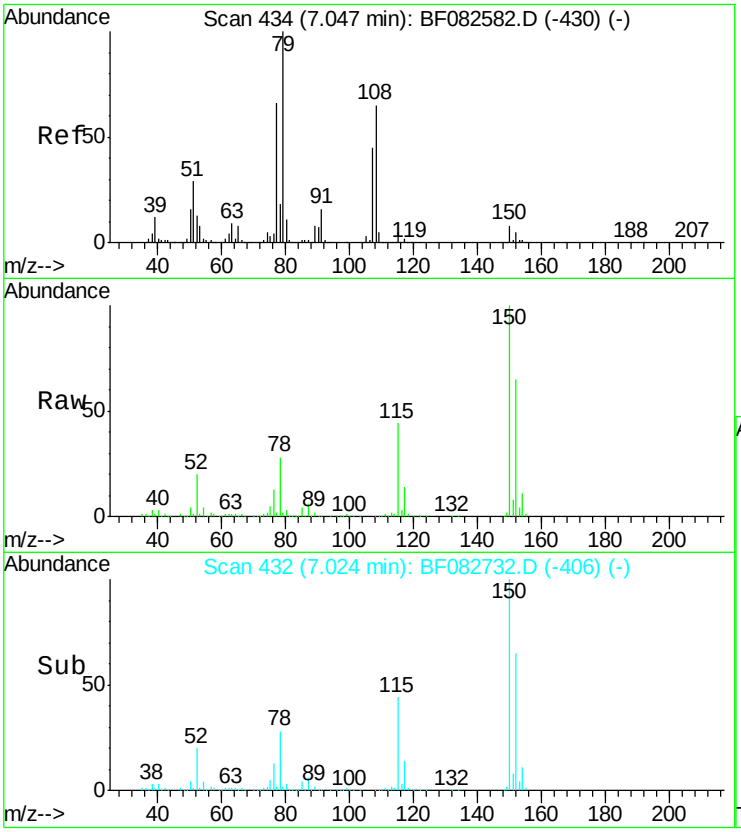


#9
Benzaldehyde
Concen: 5.61 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.22 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion: 77 Resp: 29496

Ion	Ratio	Lower	Upper
77	100		
105	85.6	63.5	103.5
106	76.2	59.3	99.3



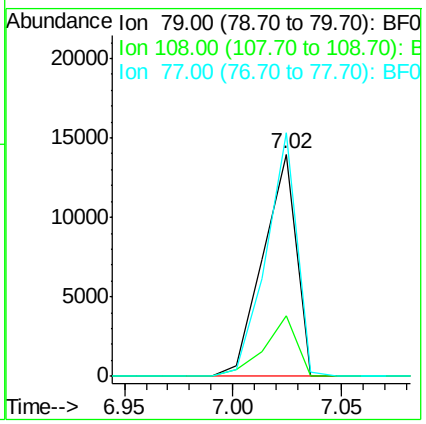


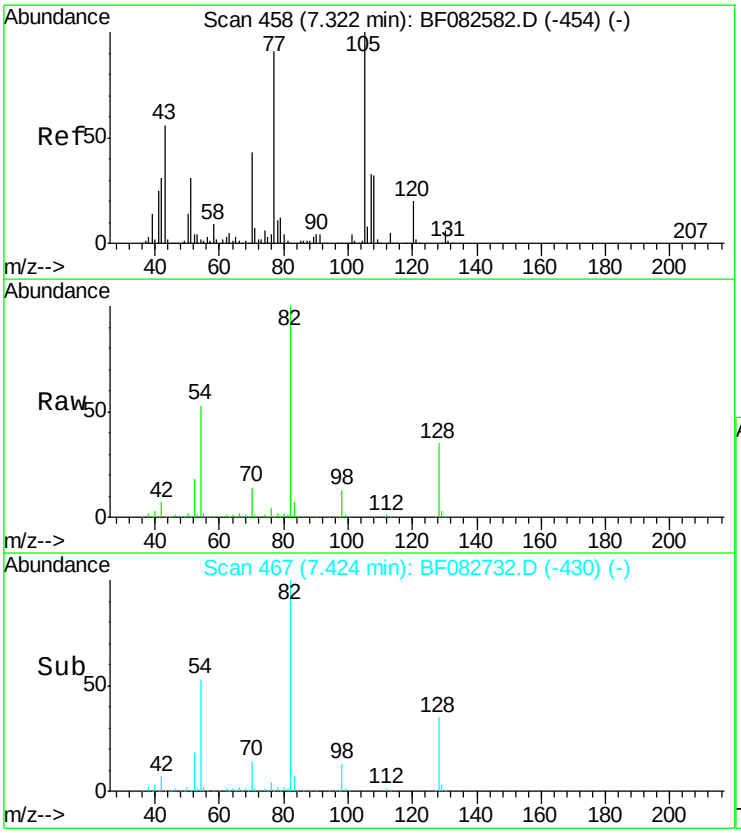
#15
Benzyl Alcohol
Concen: 2.10 ng
RT: 7.02 min Scan# 432
Delta R.T. 0.00 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion: 79 Resp: 15086

Ion	Ratio	Lower	Upper
79	100		
108	27.3	52.2	78.4#
77	109.5	52.7	79.1#

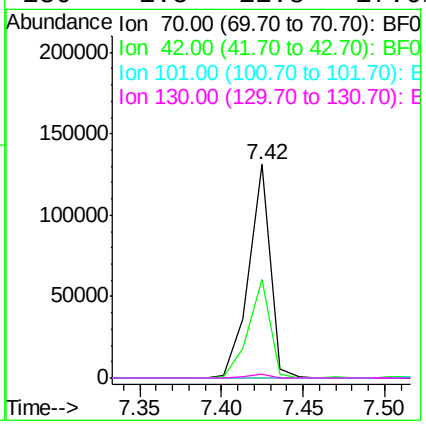


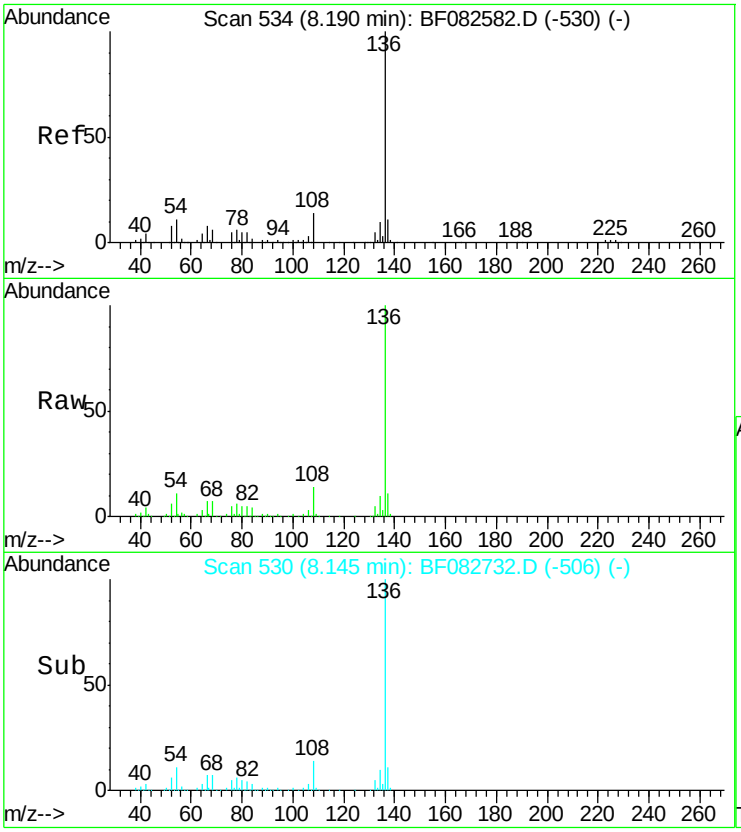


#19
n-Nitroso-di-n-propylamine
Concen: 20.47 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion: 70 Resp: 119608

Ion	Ratio	Lower	Upper
70	100		
42	46.3	57.7	86.5#
101	0.0	7.0	10.6#
130	1.5	11.8	17.6#



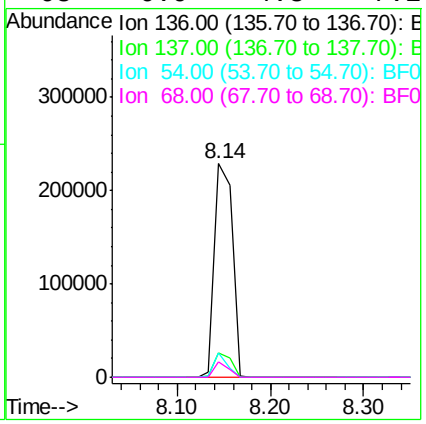


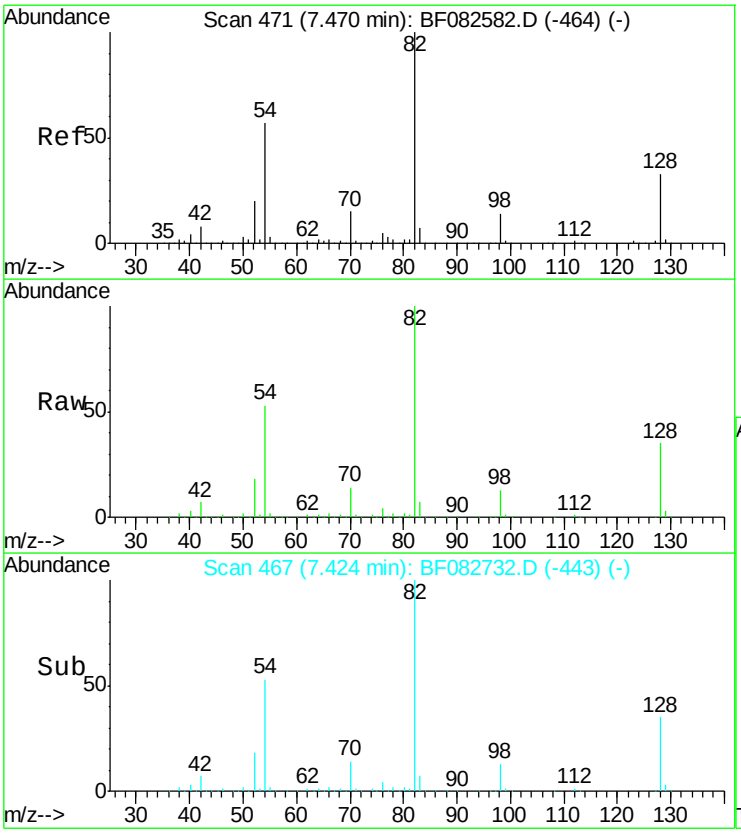
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:136 Resp: 305413

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	11.3	9.1	13.7
68	6.9	4.8	7.2

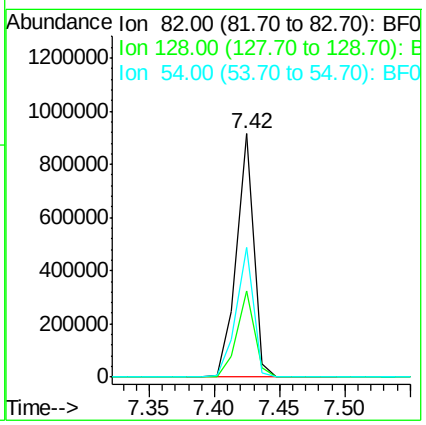


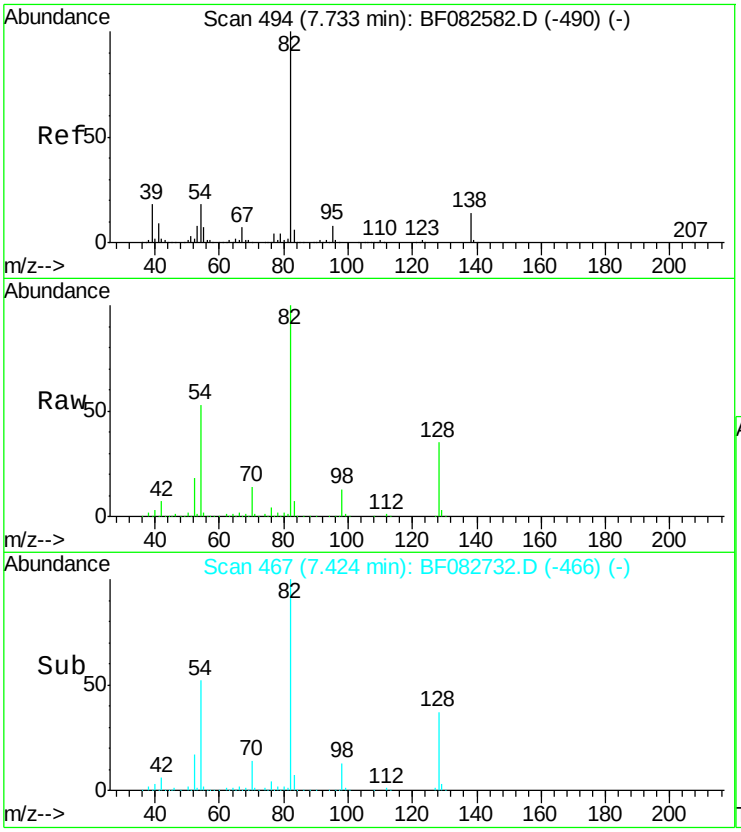


#23
Nitrobenzene-d5
Concen: 112.15 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion: 82 Resp: 838777

Ion	Ratio	Lower	Upper
82	100		
128	35.5	26.8	40.2
54	53.4	45.7	68.5



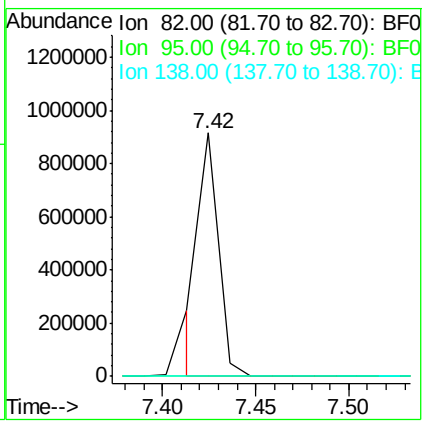


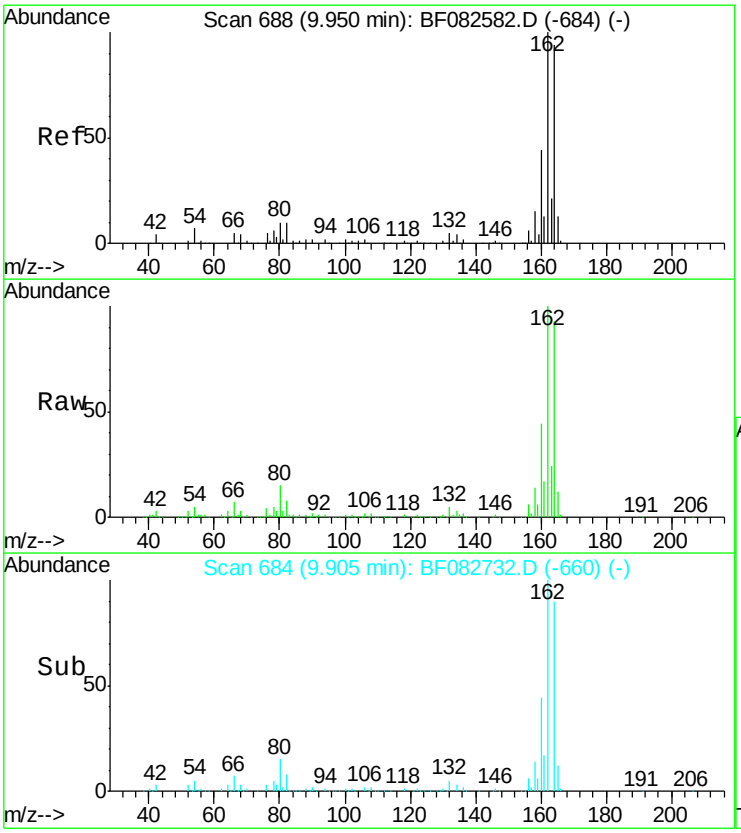
#25
Isophorone
Concen: 48.11 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.29 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion: 82 Resp: 661928

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

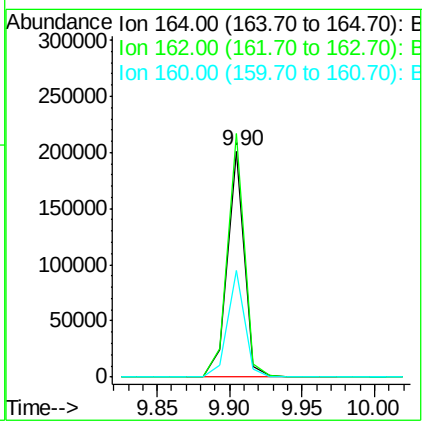


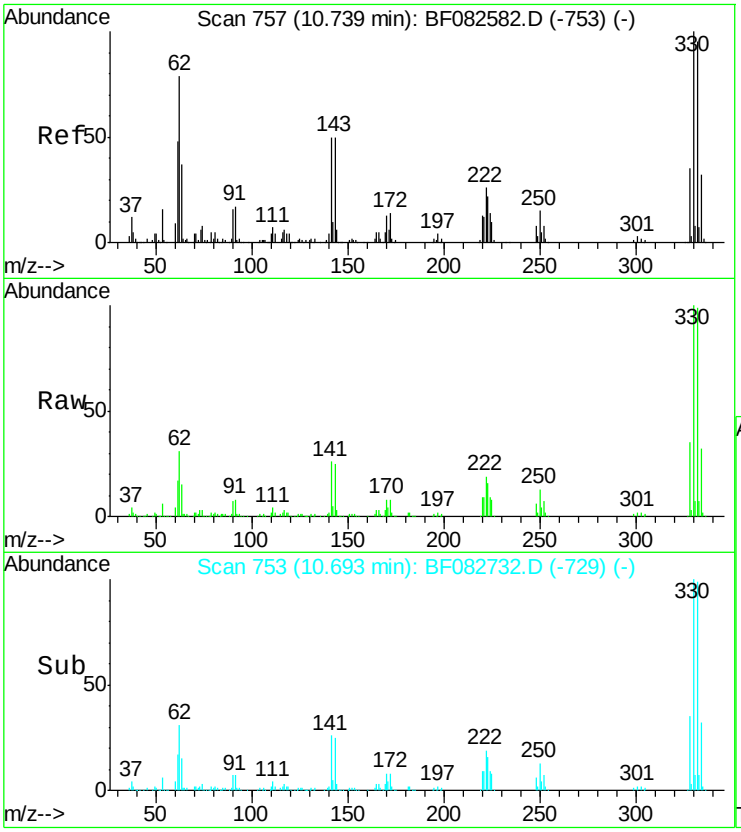


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:164 Resp: 162440

Ion	Ratio	Lower	Upper
164	100		
162	107.6	84.9	127.3
160	47.1	37.5	56.3



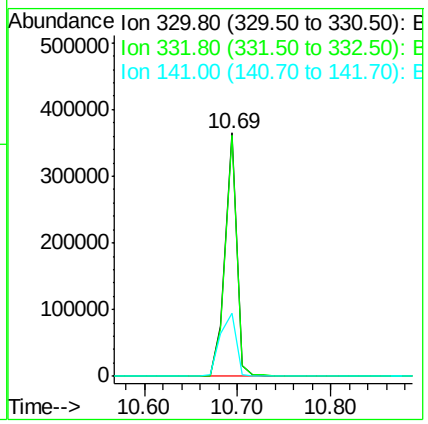


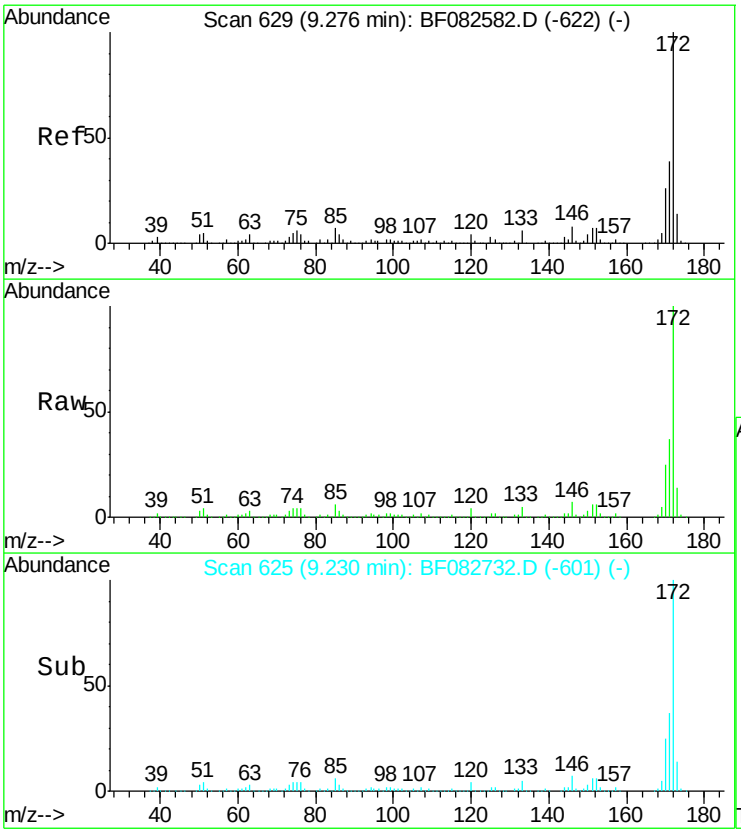
#41
2,4,6-Tribromophenol
Concen: 179.71 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:330 Resp: 319473

Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	35.6	41.2	61.8#

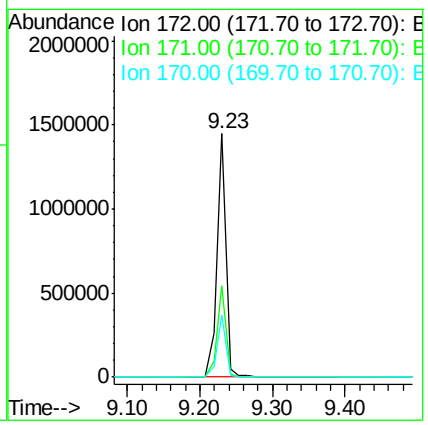


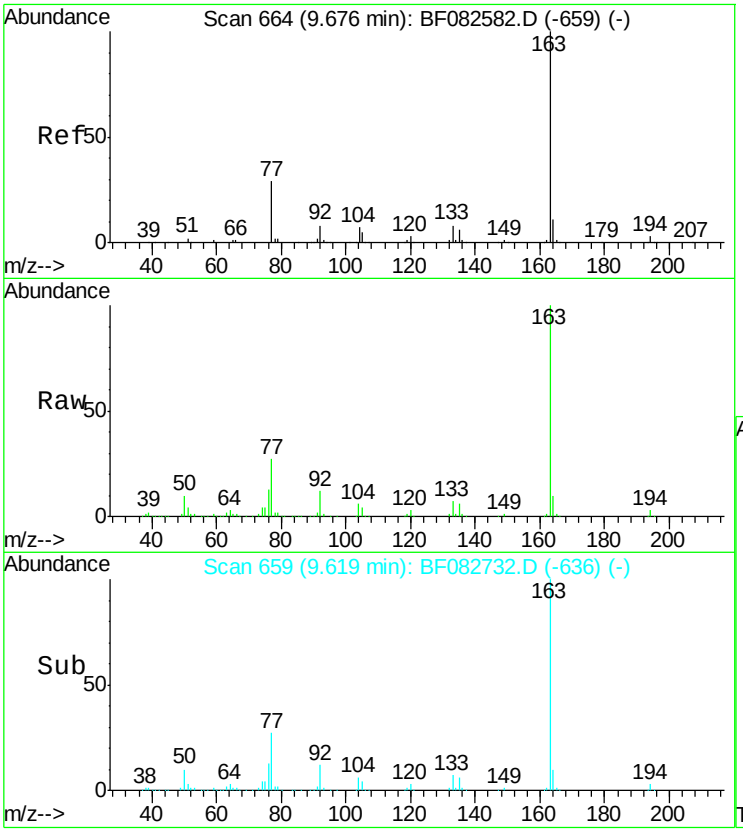


#44
2-Fluorobiphenyl
Concen: 107.57 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:172 Resp: 1230752

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	25.2	21.2	31.8



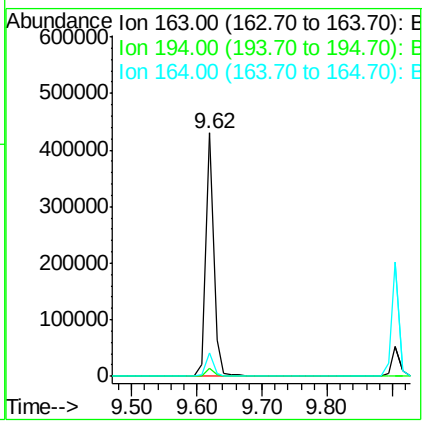


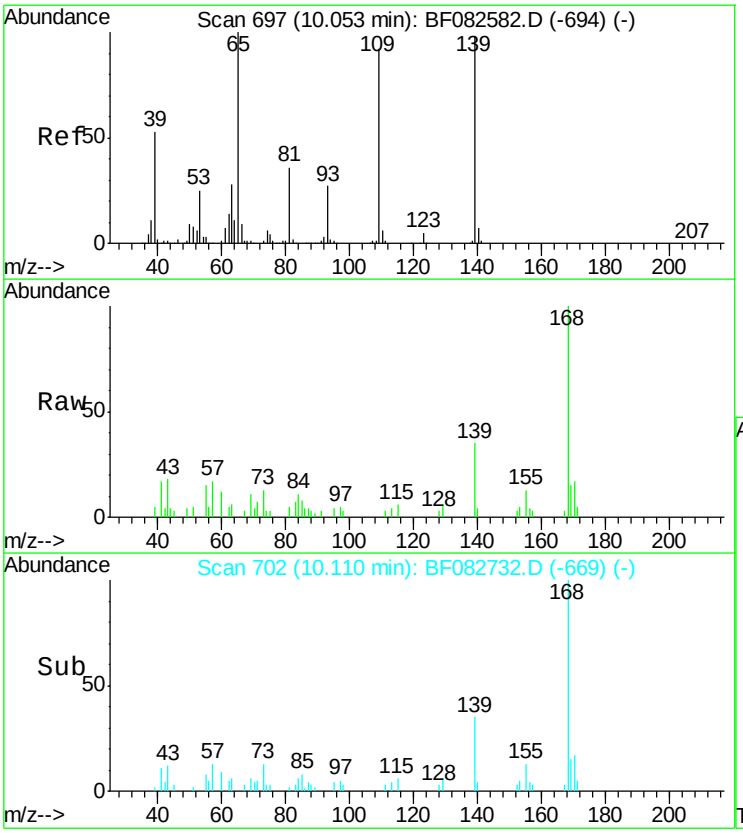
#49
Dimethylphthalate
Concen: 27.54 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:163 Resp: 365324

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.8	8.7	13.1

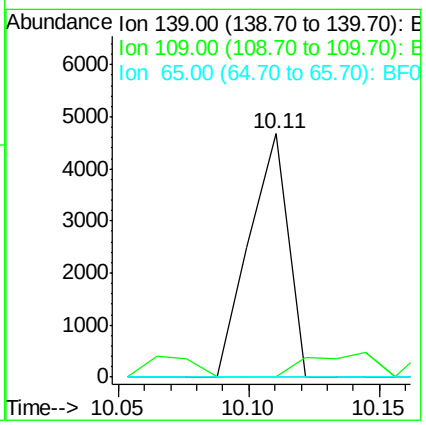


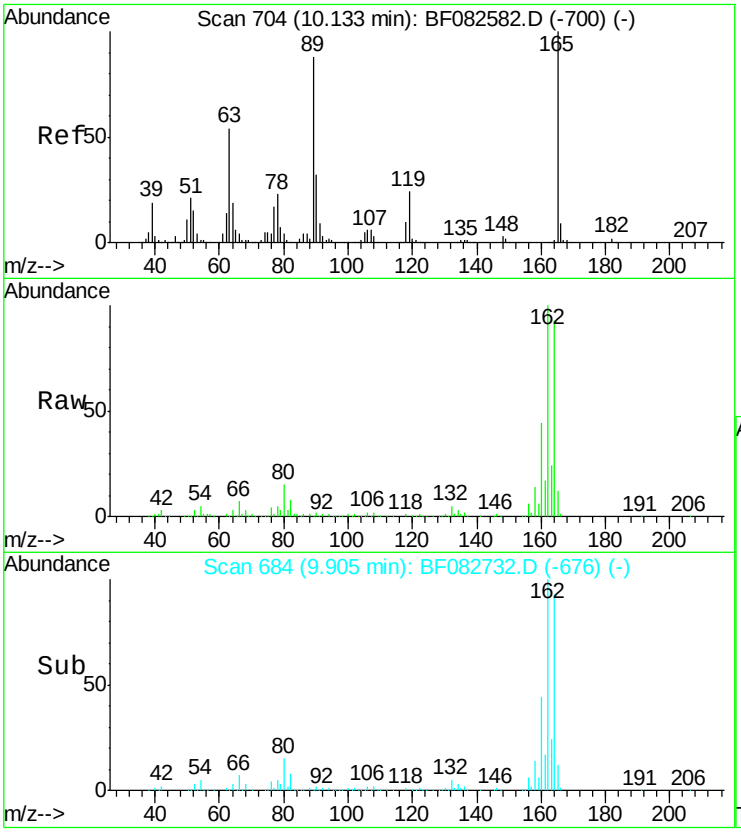


#55
4-Nitrophenol
Concen: 2.13 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.08 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:139 Resp: 4911

Ion	Ratio	Lower	Upper
139	100		
109	0.0	73.7	113.7#
65	0.0	82.9	122.9#



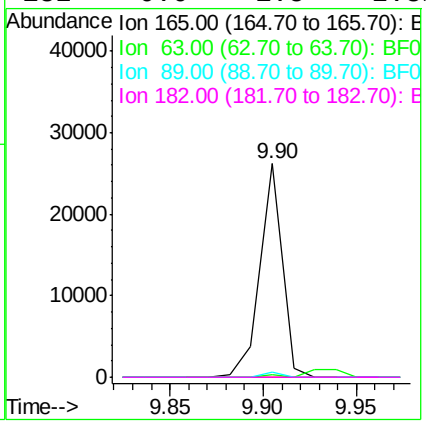


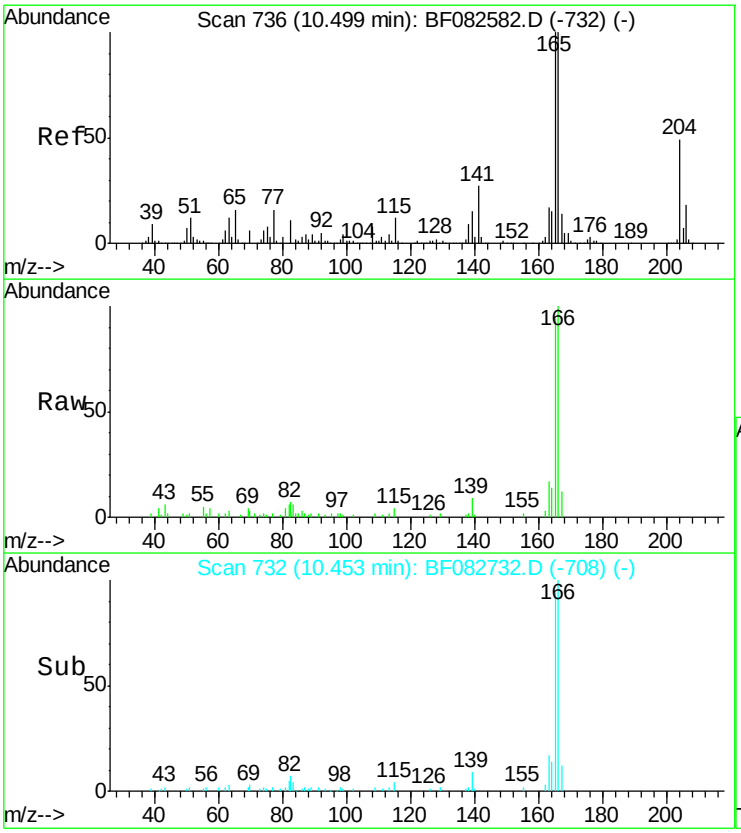
#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:165 Resp: 21538

Ion	Ratio	Lower	Upper
165	100		
63	1.4	43.4	65.0#
89	2.2	70.6	106.0#
182	0.0	1.5	2.3#

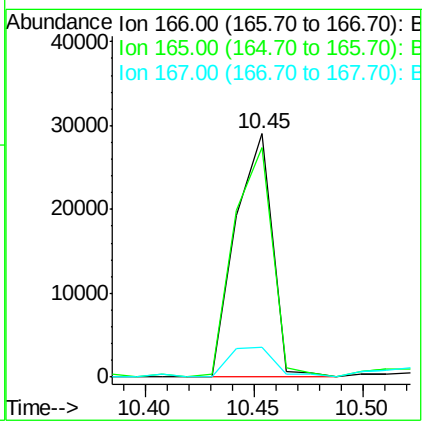


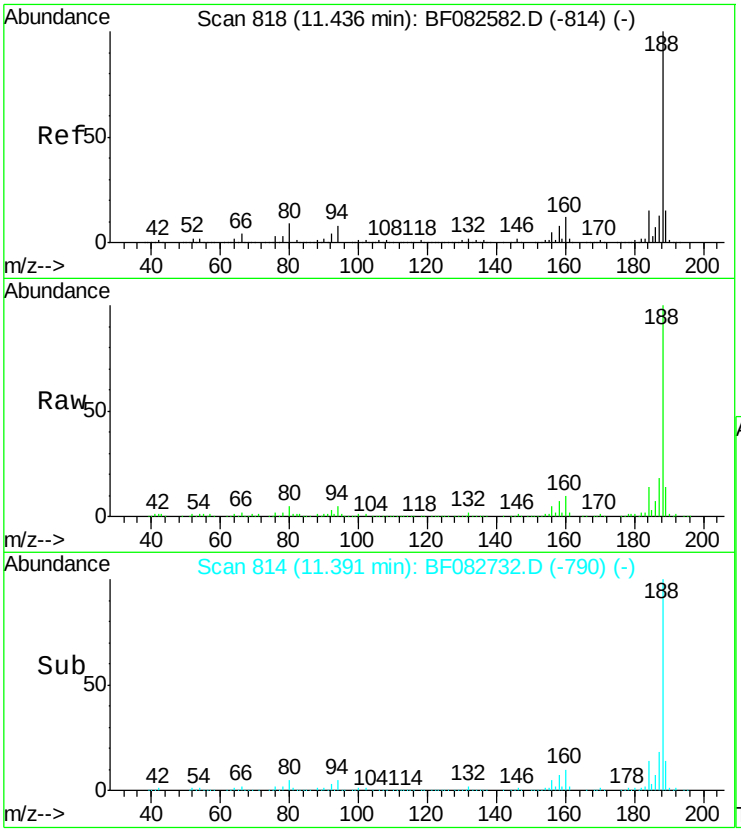


#57
Fluorene
Concen: 2.85 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:166 Resp: 33953

Ion	Ratio	Lower	Upper
166	100		
165	94.1	80.2	120.4
167	12.4	11.2	16.8



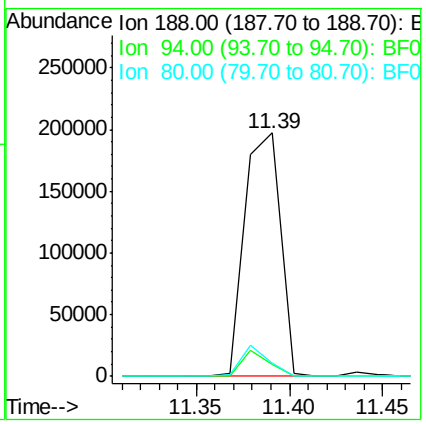


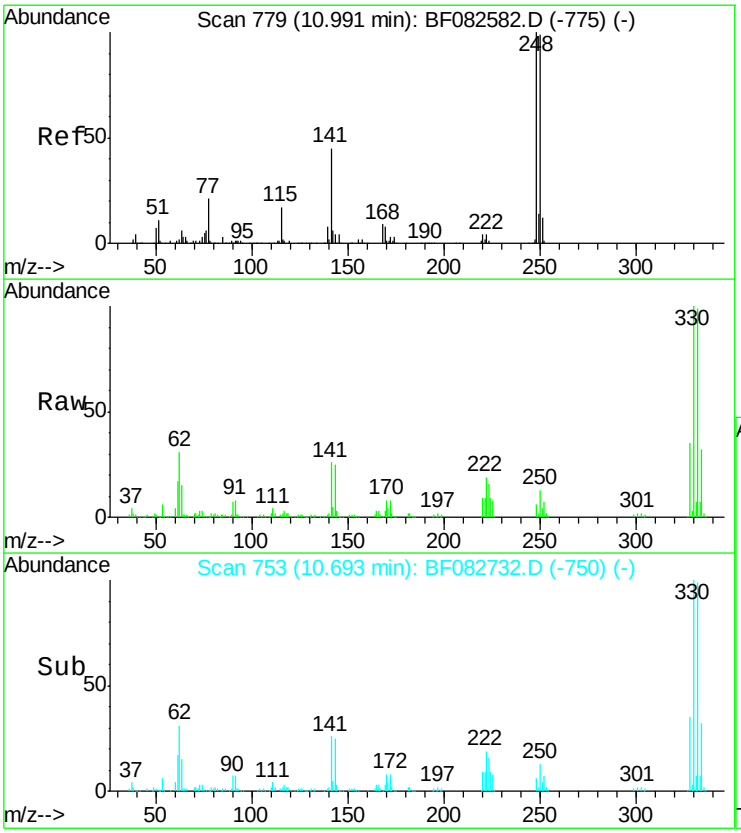
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:188 Resp: 263145

Ion	Ratio	Lower	Upper
188	100		
94	4.8	6.1	9.1#
80	5.3	7.0	10.6#

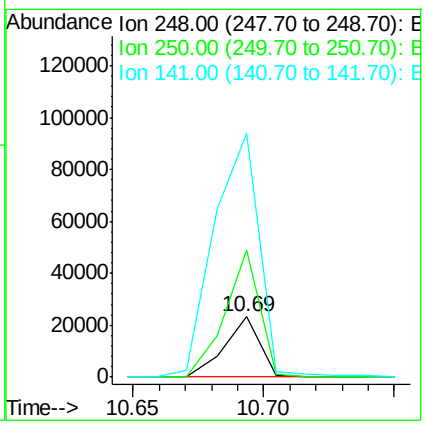


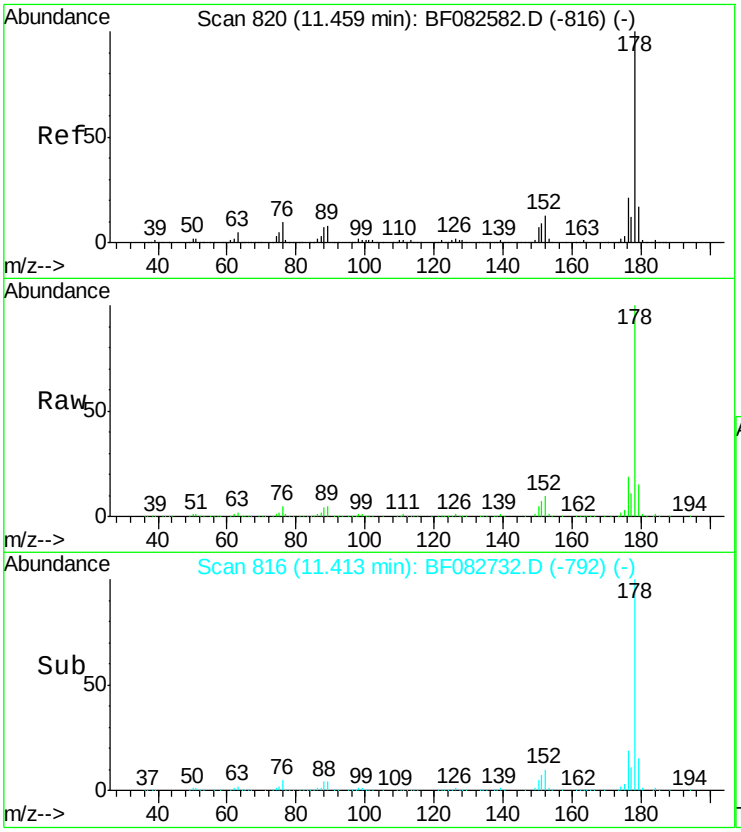


#66
4-Bromophenyl-phenylether
Concen: 7.29 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:248 Resp: 21744

Ion	Ratio	Lower	Upper
248	100		
250	212.0	79.4	119.2#
141	405.2	36.3	54.5#



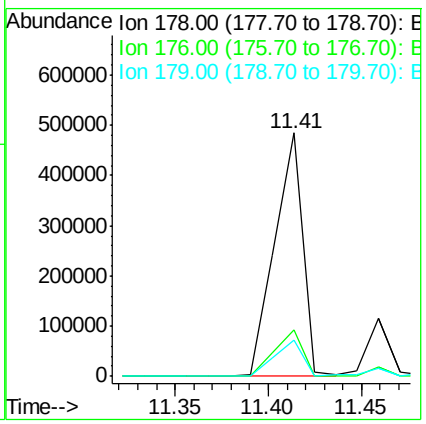


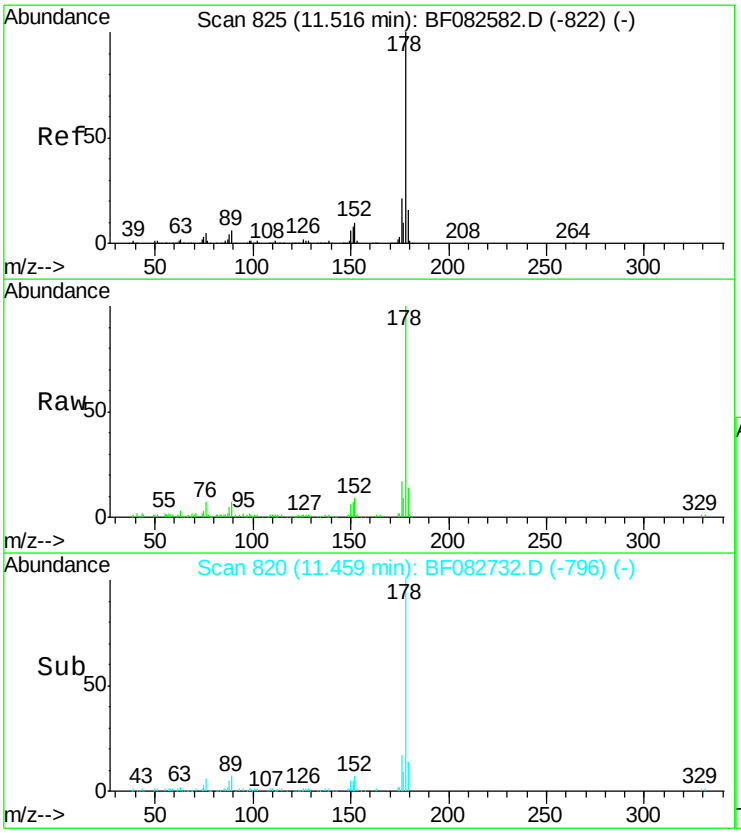
#70
Phenanthrene
Concen: 34.16 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:178 Resp: 507023

Ion	Ratio	Lower	Upper
178	100		
176	19.2	17.0	25.4
179	14.6	13.4	20.0

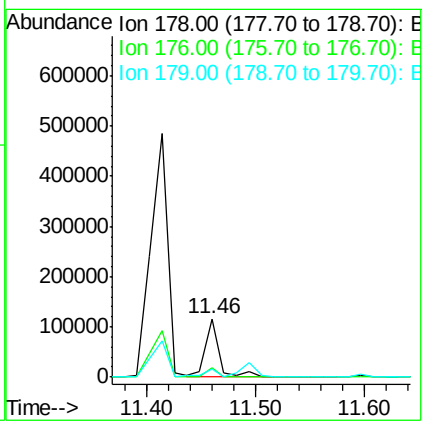


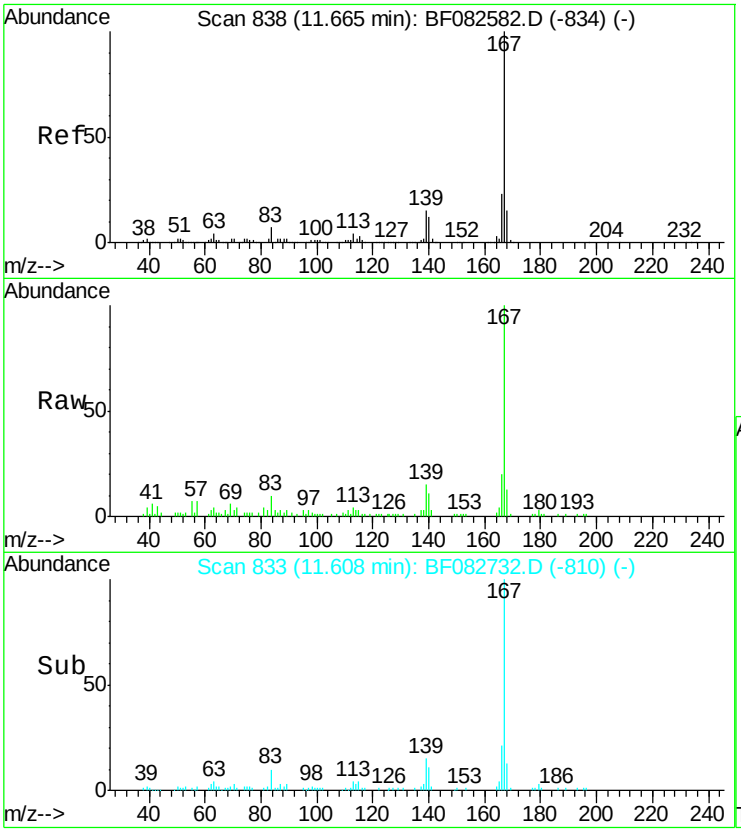


#71
Anthracene
Concen: 6.93 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:178 Resp: 103535

Ion	Ratio	Lower	Upper
178	100		
176	16.8	16.5	24.7
179	14.5	13.2	19.8



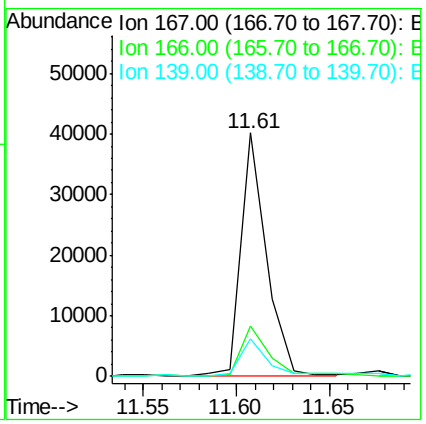


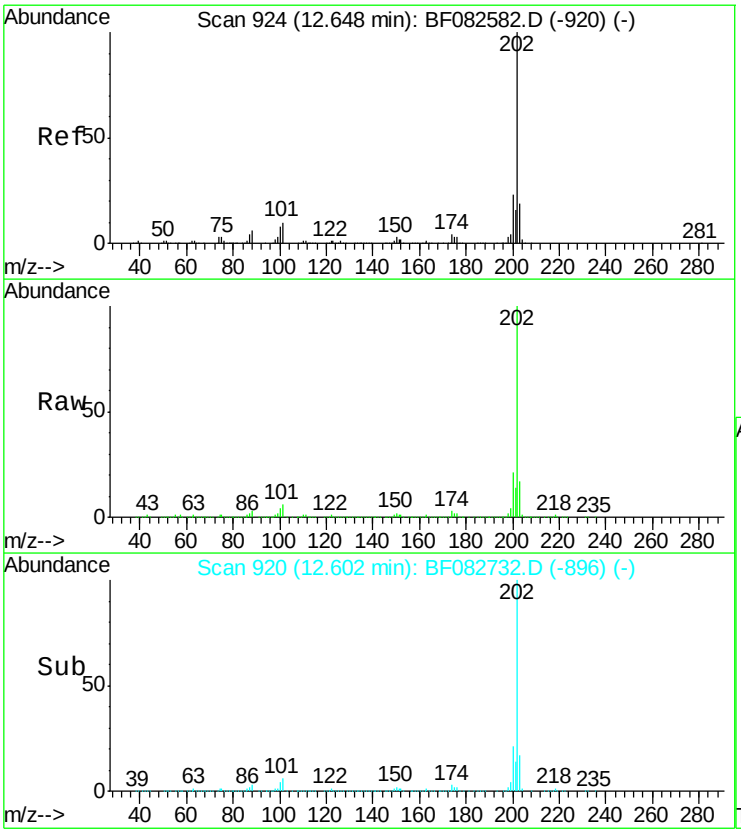
#72
Carbazole
Concen: 2.96 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.03 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:167 Resp: 38474

Ion	Ratio	Lower	Upper
167	100		
166	20.5	18.7	28.1
139	15.2	11.8	17.6

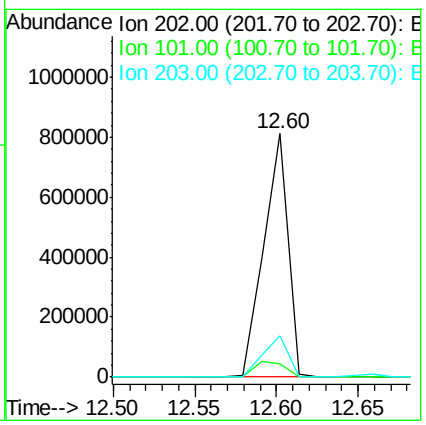


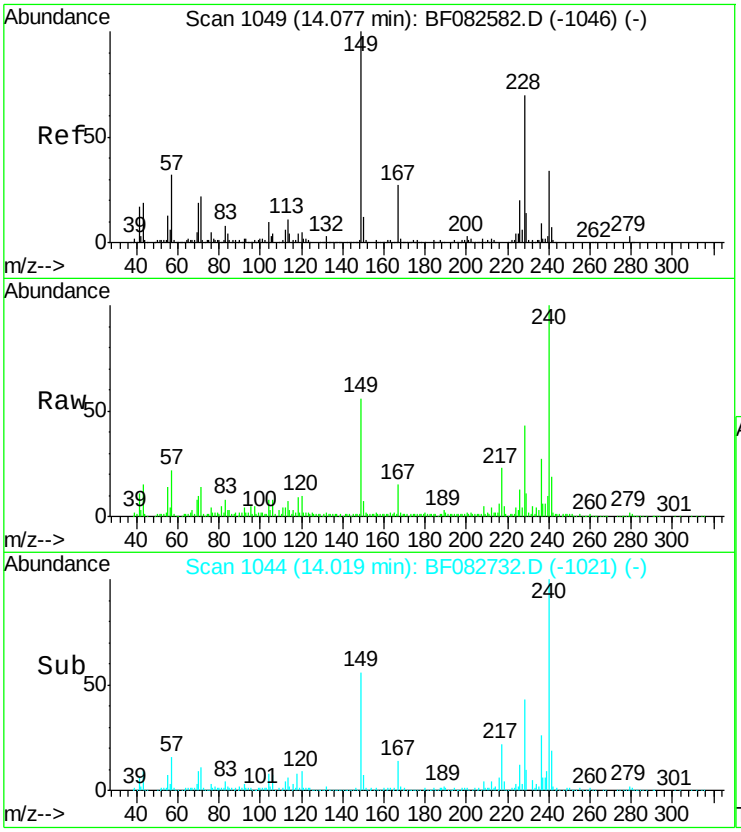


#74
Fluoranthene
Concen: 55.25 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:202 Resp: 838312

Ion	Ratio	Lower	Upper
202	100		
101	5.7	0.0	30.5
203	17.0	0.0	38.5



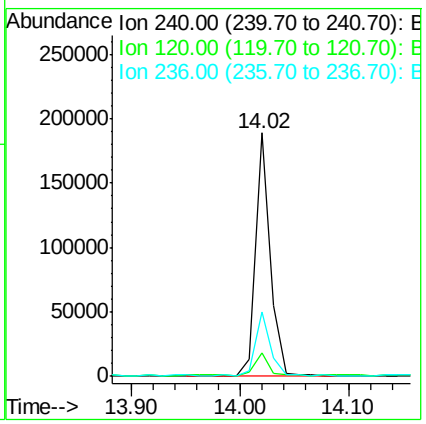


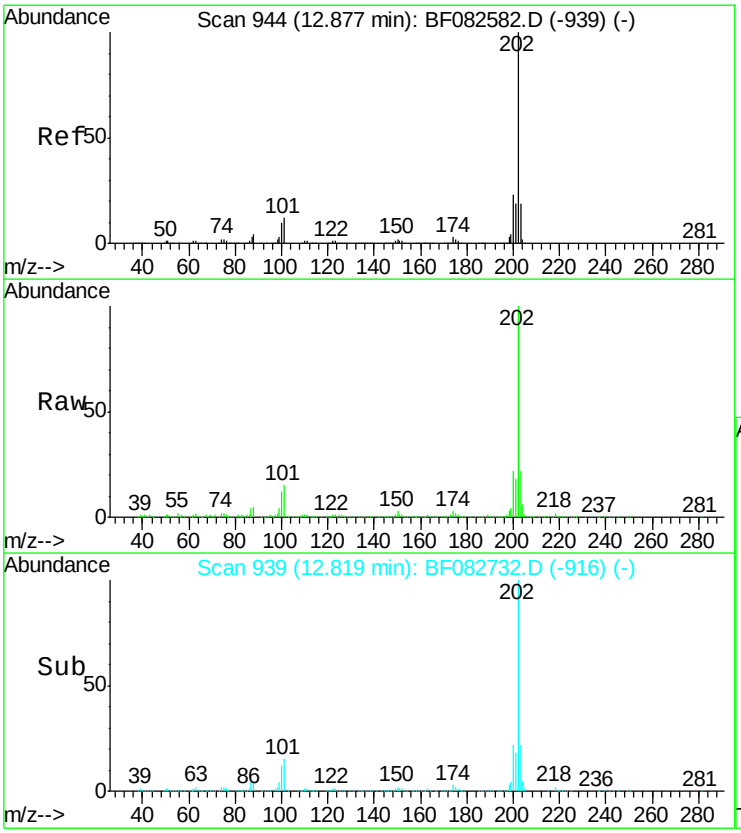
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:240 Resp: 179144

Ion	Ratio	Lower	Upper
240	100		
120	9.5	10.9	16.3#
236	26.7	21.6	32.4

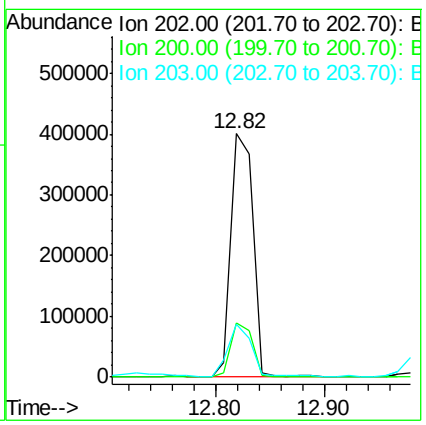


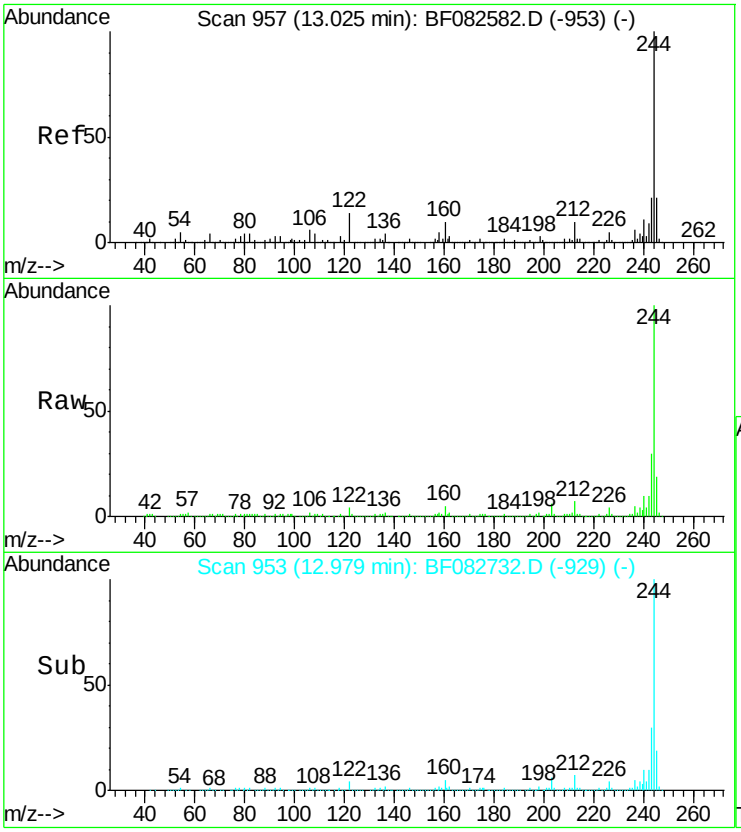


#77
Pyrene
Concen: 41.56 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.03 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:202 Resp: 551360

Ion	Ratio	Lower	Upper
202	100		
200	22.3	18.7	28.1
203	21.9	14.8	22.2



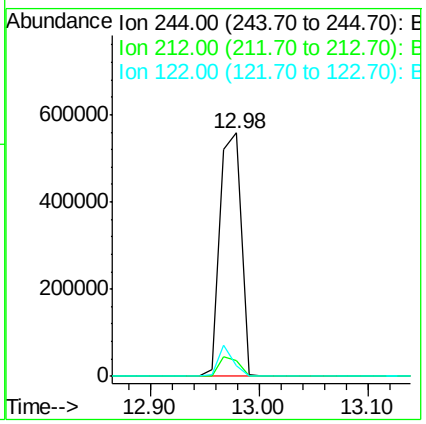


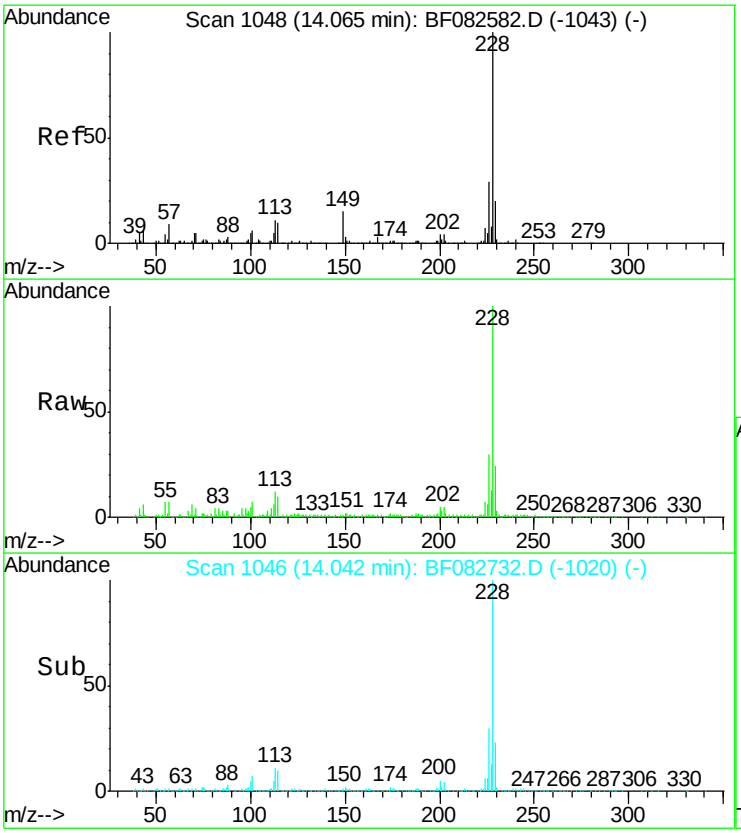
#78
Terphenyl-d14
Concen: 92.34 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:244 Resp: 755887

Ion	Ratio	Lower	Upper
244	100		
212	6.5	7.6	11.4#
122	4.4	11.3	16.9#

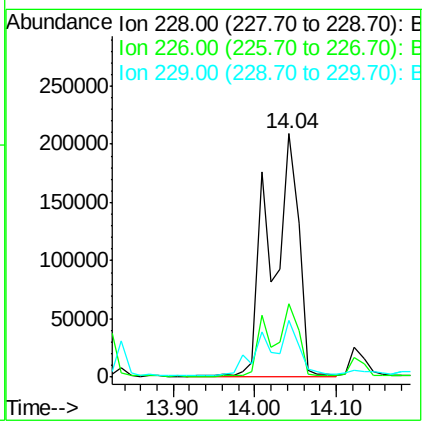


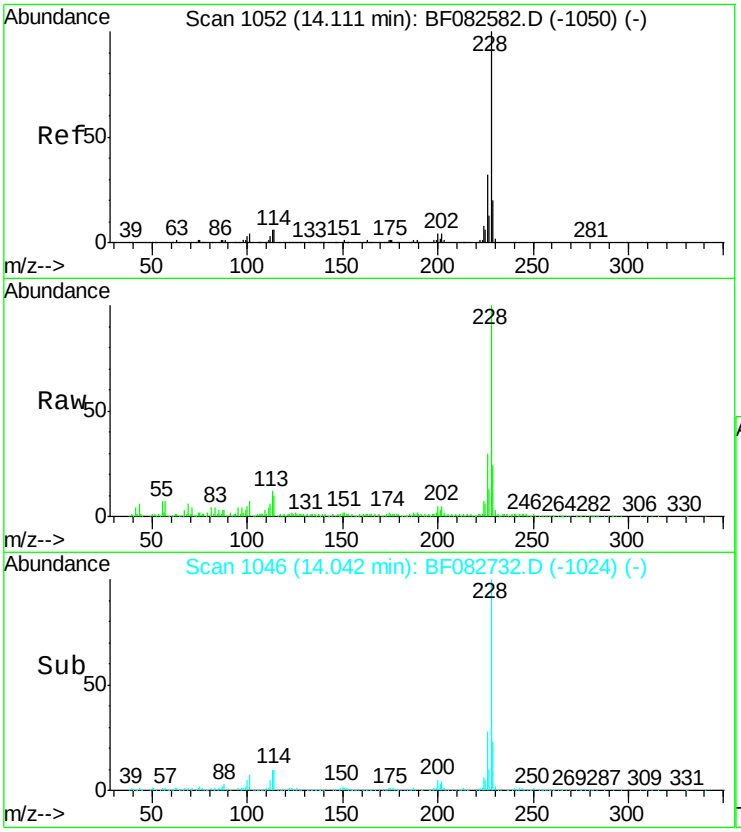


#80
Benzo(a)anthracene
Concen: 43.31 ng
RT: 14.04 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:228 Resp: 492857

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	23.5	16.3	24.5



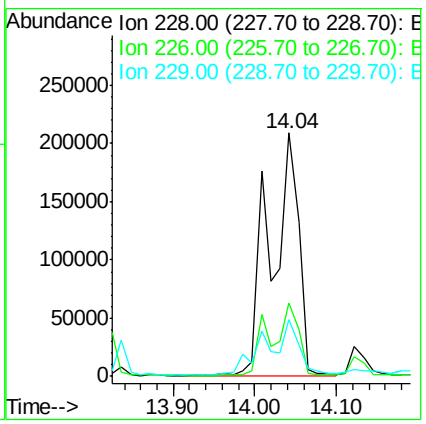


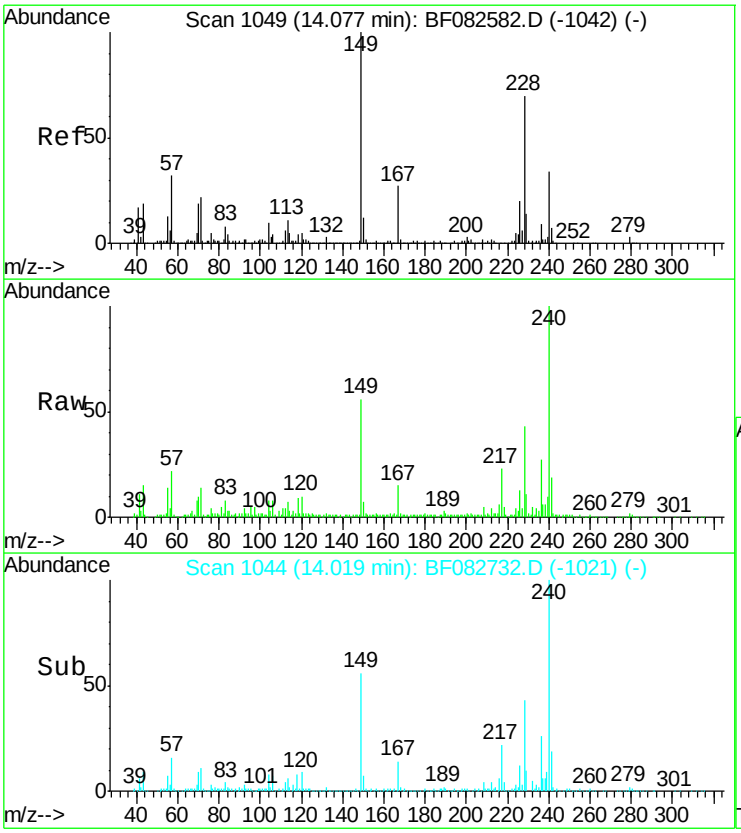
#82
Chrysene
Concen: 47.78 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:228 Resp: 492857

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.5	38.3
229	23.5	16.3	24.5

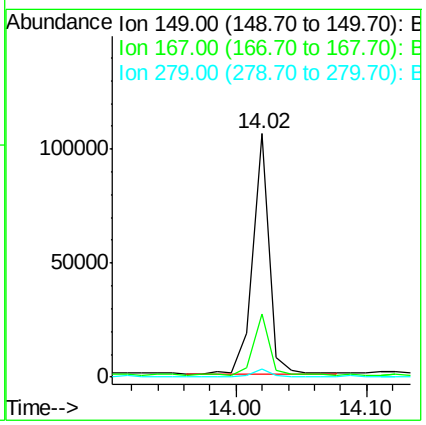


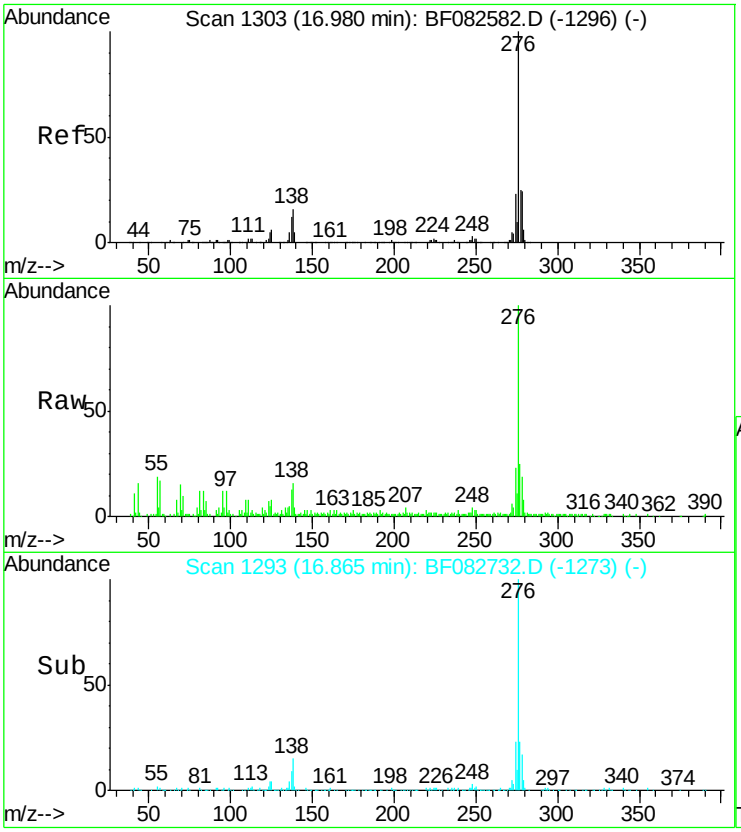


#83
Bis(2-ethylhexyl)phthalate
Concen: 12.16 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:149 Resp: 91577

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	3.1	2.2	3.2



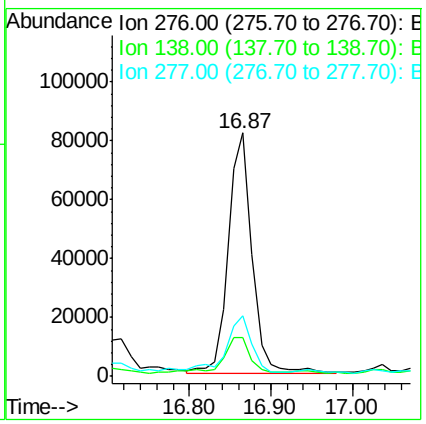


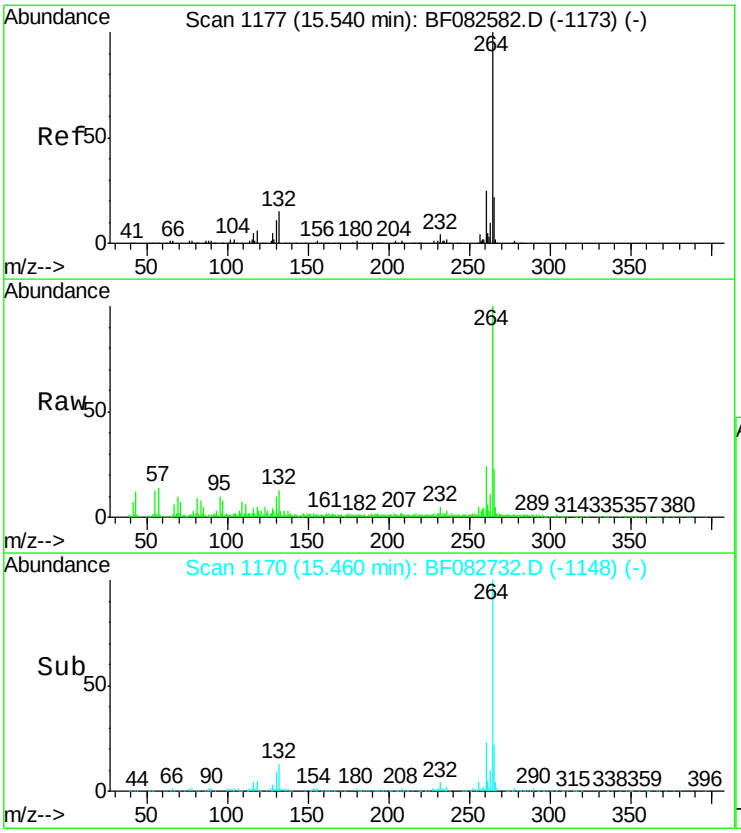
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.64 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.07 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:276 Resp: 167198

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.3	22.9
277	26.0	20.2	30.4

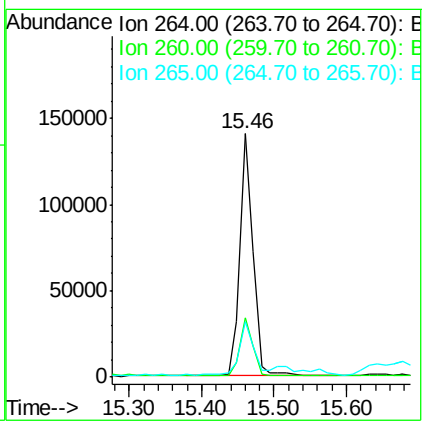


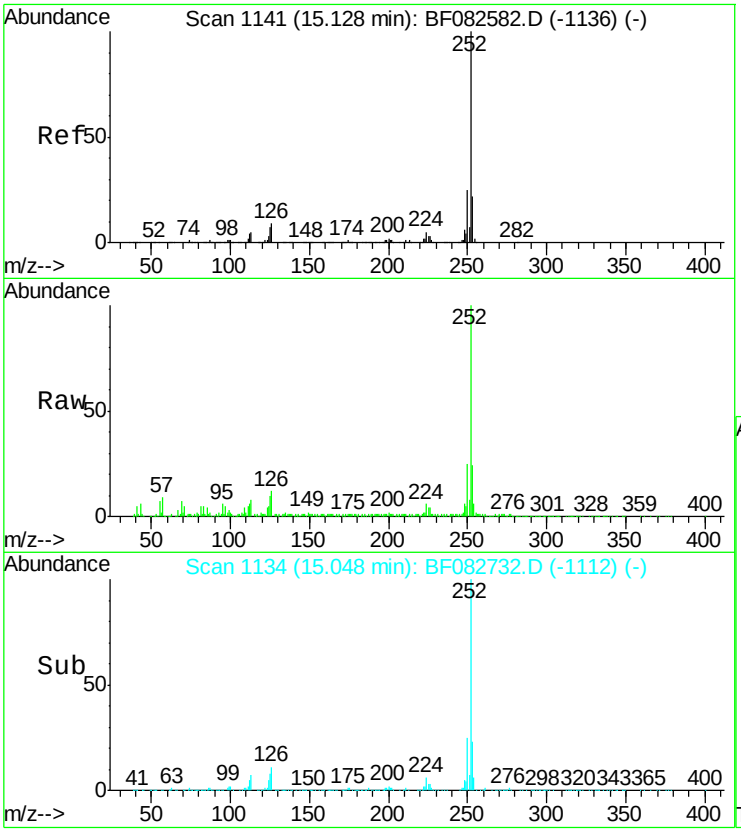


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:264 Resp: 178294

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.8	17.4	26.0



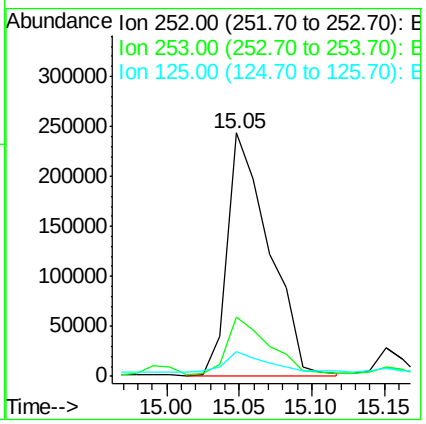


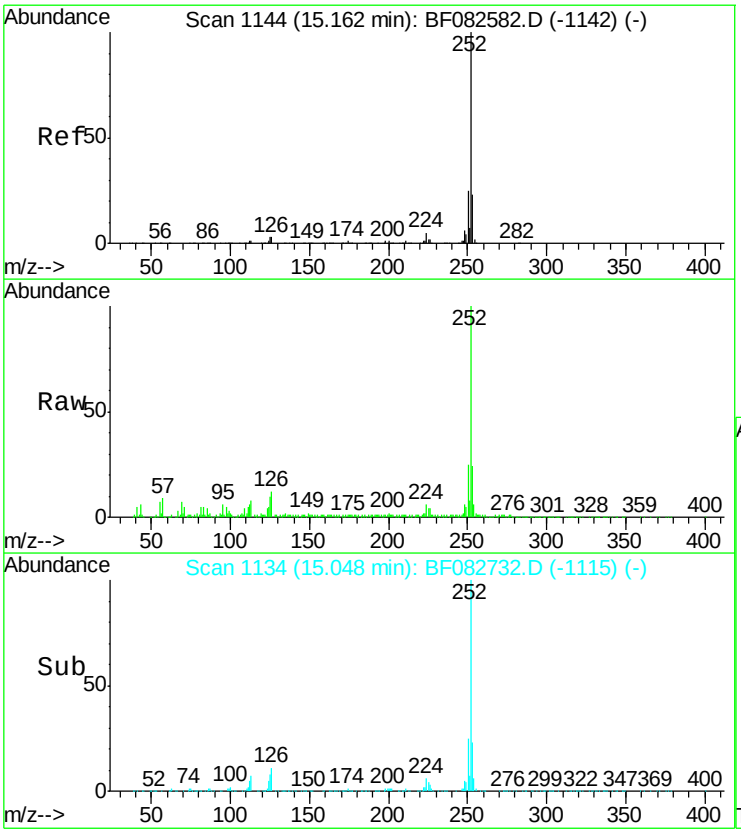
#87
Benzo(b)fluoranthene
Concen: 39.12 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:252 Resp: 480935

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	10.1	5.4	8.2#

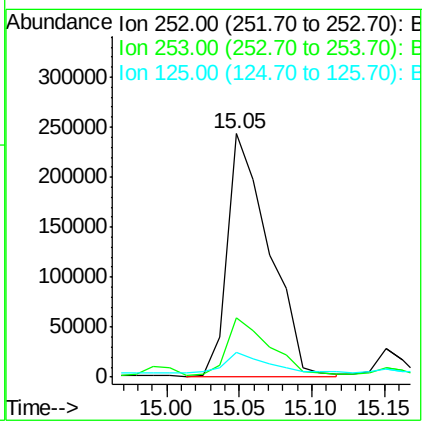


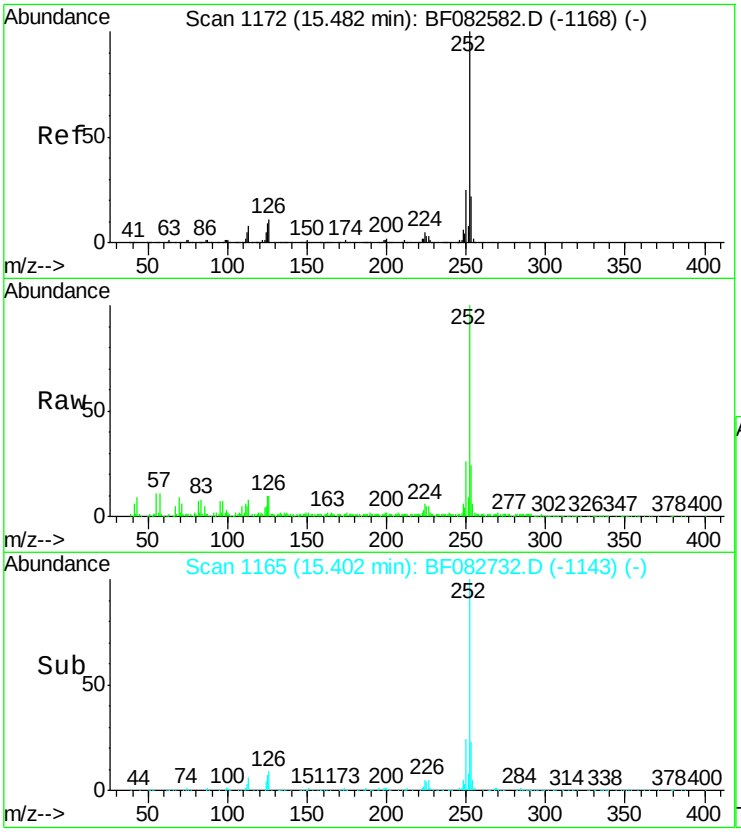


#88
Benzo(k)fluoranthene
Concen: 51.35 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.08 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:252 Resp: 480935

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	10.1	3.5	5.3#



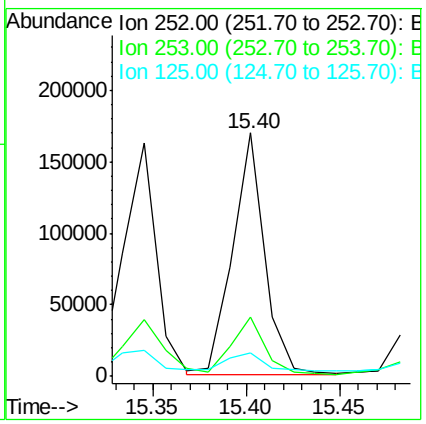


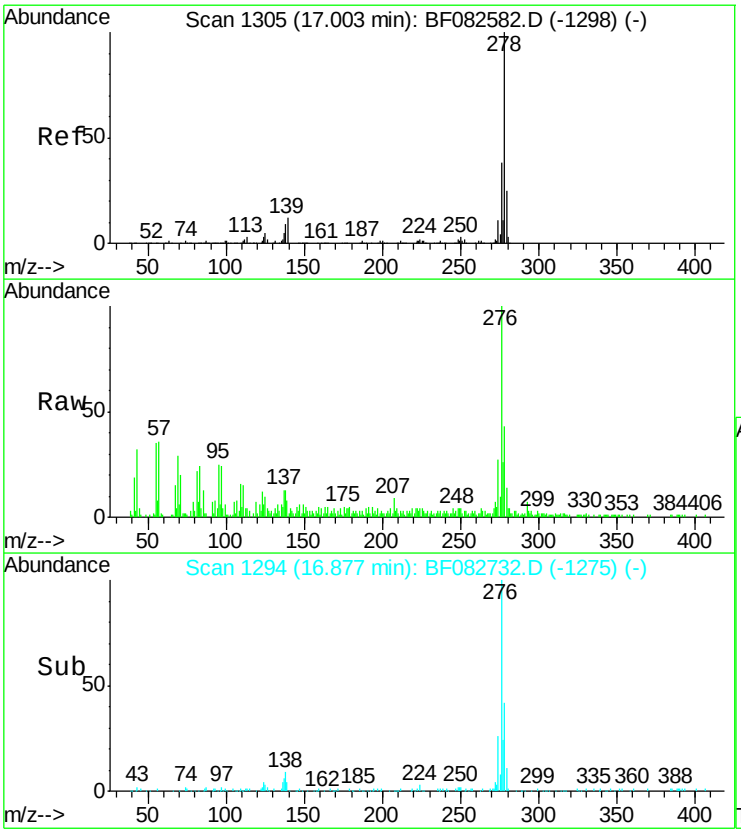
#89
Benzo(a)pyrene
Concen: 20.81 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:252 Resp: 201476

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.3	25.9
125	9.9	7.1	10.7

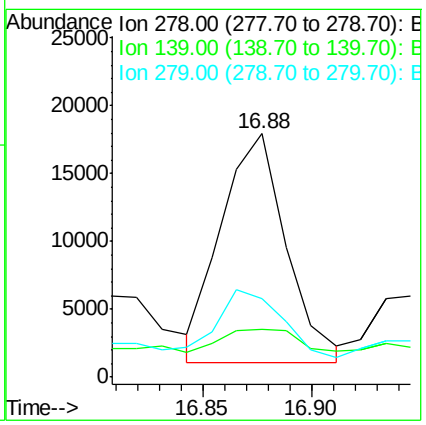


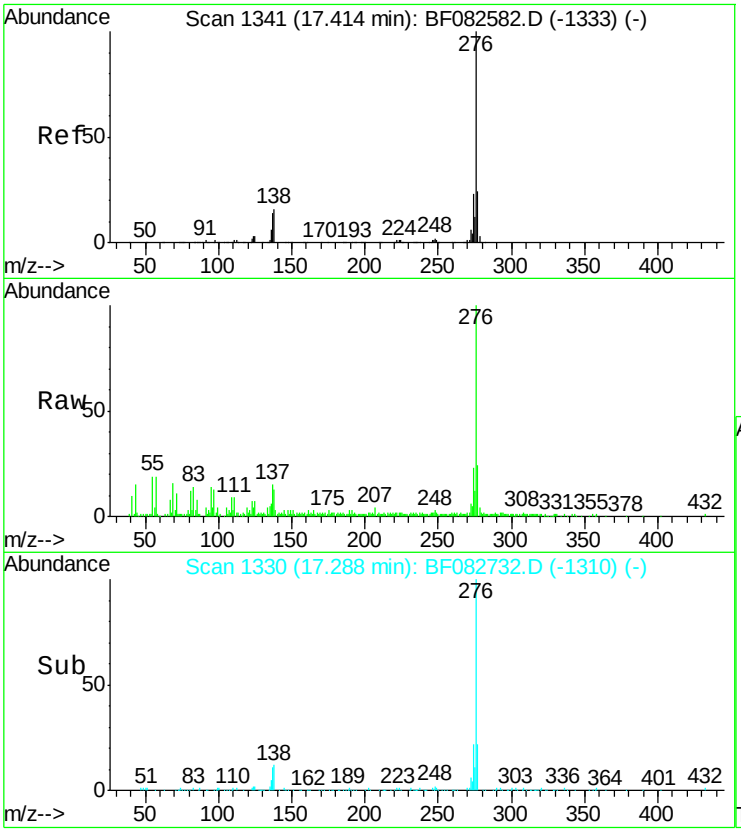


#90
Dibenzo(a,h)anthracene
Concen: 3.89 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.08 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Tgt Ion:278 Resp: 35138

Ion	Ratio	Lower	Upper
278	100		
139	19.5	9.9	14.9#
279	32.2	19.6	29.4#





#91
Benzo(g,h,i)perylene
Concen: 17.68 ng
RT: 17.29 min Scan# 1330
Delta R.T. -0.07 min
Lab File: BF082732.D
Acq: 5 Nov 2015 16:35

Instrument :
BNA_F
ClientSampleId :
DW-2

Tgt Ion:276 Resp: 154830

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	13.4	13.1	19.7