Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B007(10-11)

Quant Time: Feb 06 03:38:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172487	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	705229	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	318952	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	526911	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	372495	20.00	ng		-0.03
86) Perylene-d12	15.17	264	311085	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1139412	102.89	ng		-0.02
7) Phenol-d6	6.32	99	1429824	104.15	ng		-0.02
23) Nitrobenzene-d5	7.23	82	850142	67.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.49	330	371967	111.80	ng		-0.03
44) 2-Fluorobiphenyl	9.02	172	1396791	69.38	ng		-0.03
78) Terphenyl-d14	12.76	244	1137730	69.21	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.18	77	30360	3.74	ng	#	1
15) Benzyl Alcohol	6.82	79	18988	2.00	ng	#	40
18) Hexachloroethane	7.16	117	12092	2.37	ng	#	1
19) n-Nitroso-di-n-propylamine	7.23	70	126531	14.70	ng	#	72
22) Acetophenone	7.06	105	47202	2.54	ng	#	54
31) Naphthalene	7.97	128	188259	5.32	ng		98
33) 4-Chloroaniline	7.97	127	31459	2.15	ng	#	44
37) 2-Methylnaphthalene	8.66	142	82305	3.72	ng		99
49) Dimethylphthalate	9.42	163	330202	13.59	ng	#	90
60) 4-Chlorophenyl-phenylether	10.10	204	215	Below Cal		#	1
66) 4-Bromophenyl-phenylether	10.49	248	24214	4.16	ng	#	1
70) Phenanthrene	11.20	178	137516	4.71	ng		98
71) Anthracene	11.20	178	137516	4.67	ng		99
74) Fluoranthene	12.38	202	129573	4.38	ng		94
76) Benzidine	12.51	184	996	6.94	ng	#	1
77) Pyrene	12.60	202	114441	4.01	ng		99
80) Benzo(a)anthracene	13.79	228	46625	2.02	ng		99
87) Benzo(b)fluoranthene	14.80	252	48144	2.30	ng	#	94
88) Benzo(k)fluoranthene	14.80	252	48144	2.79	ng	#	97

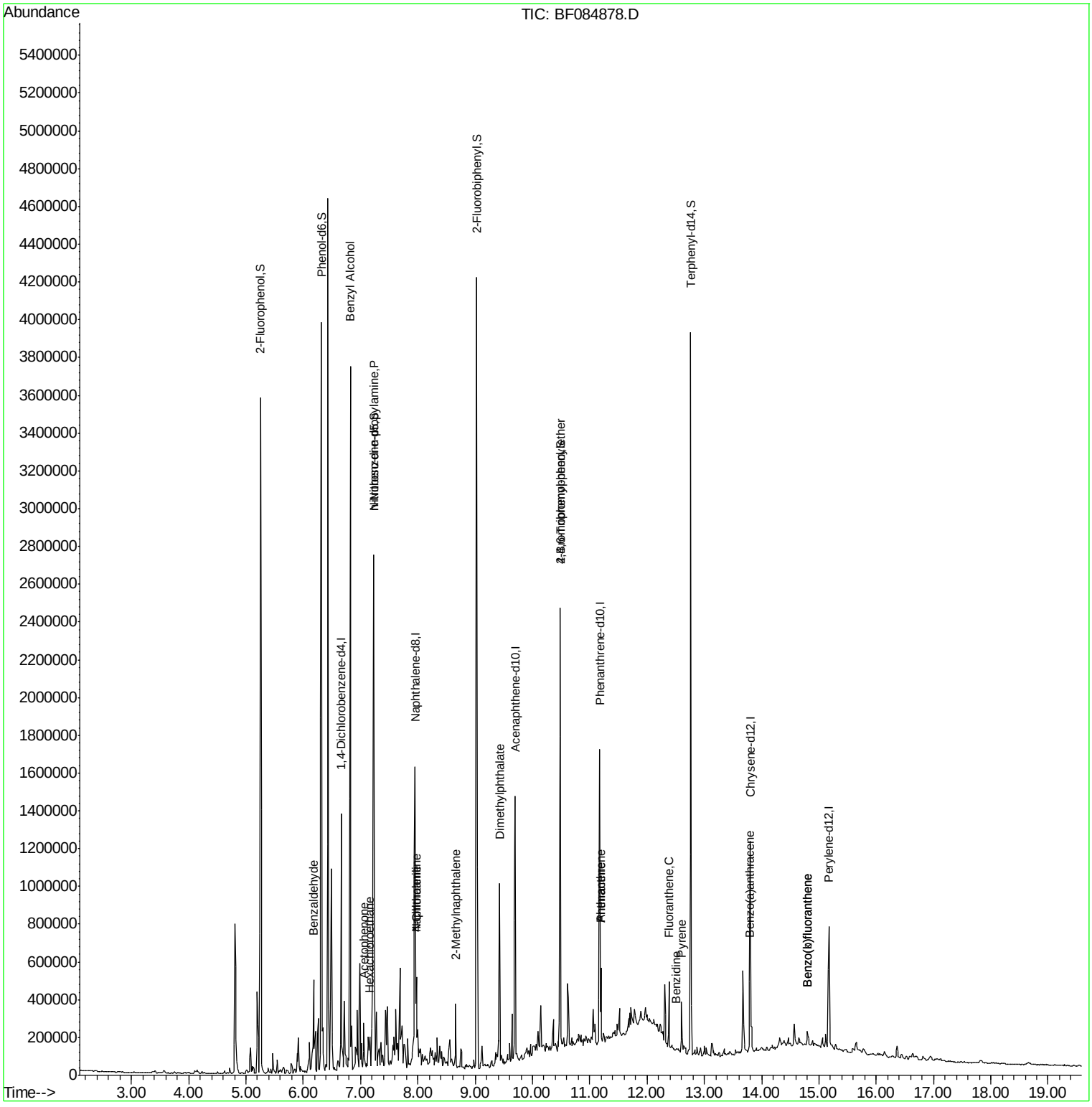
(#) = qualifier out of range (m) = manual integration (+) = signals summed

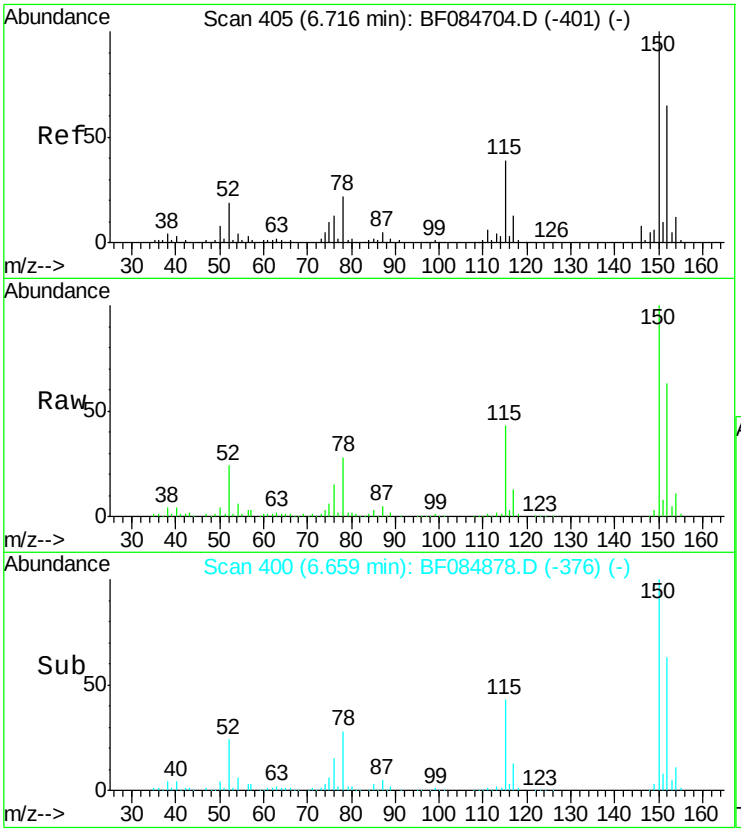
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084878.D
Acq On : 5 Feb 2016 23:47
Operator : SJ/IZ
Sample : H1311-02
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Quant Time: Feb 06 03:38:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



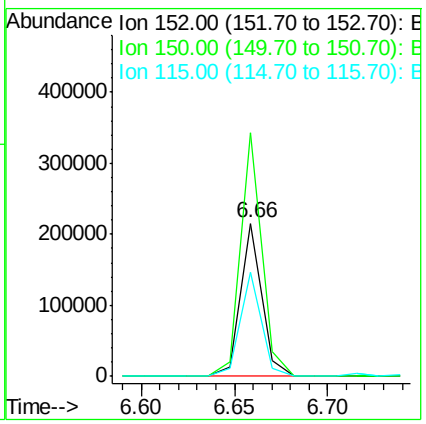


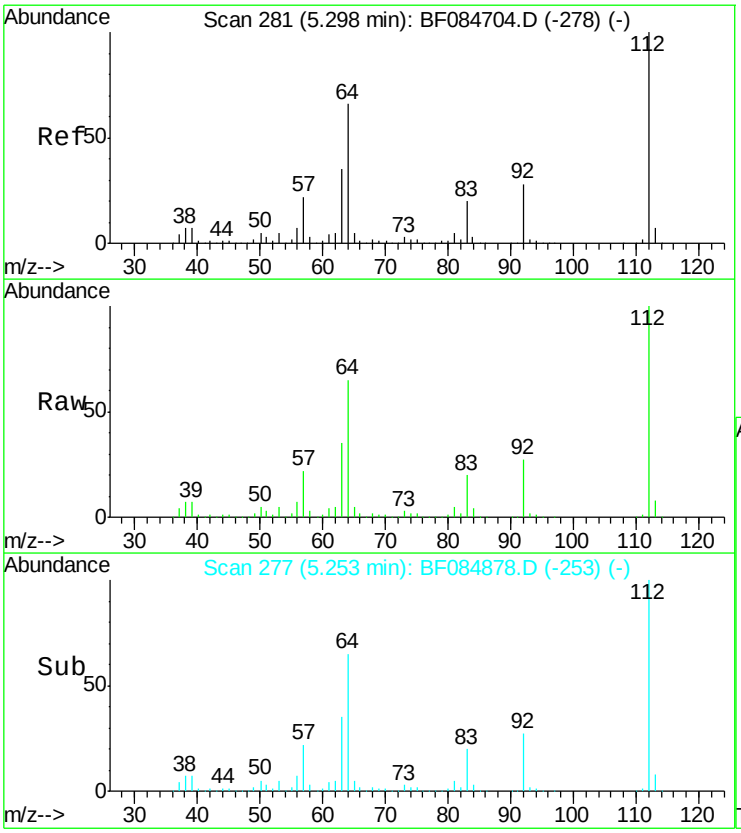
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:152 Resp: 172487

Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.0	184.4
115	67.9	51.4	77.2

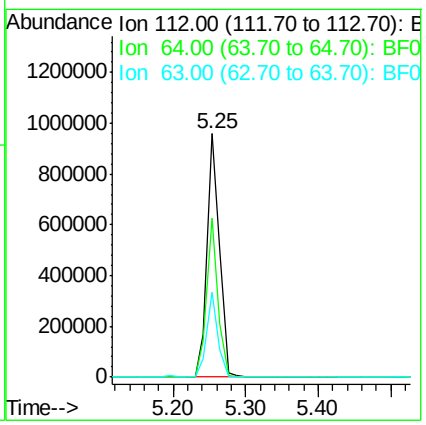


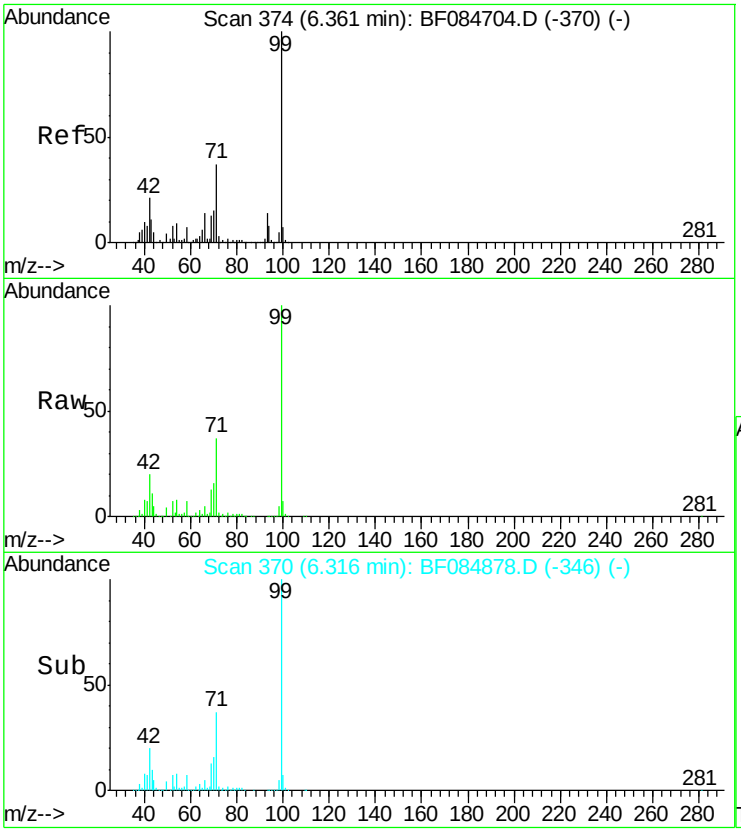


#5
2-Fluorophenol
Concen: 102.89 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:112 Resp: 1139412

Ion	Ratio	Lower	Upper
112	100		
64	65.5	36.6	55.0#
63	34.6	19.4	29.0#



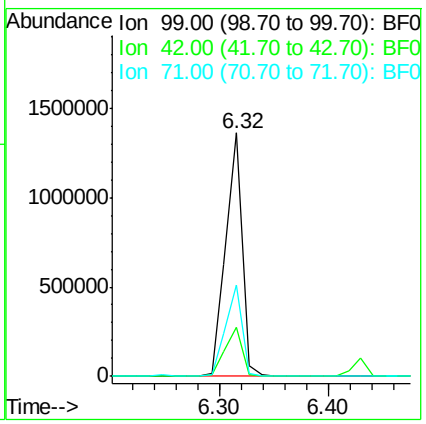


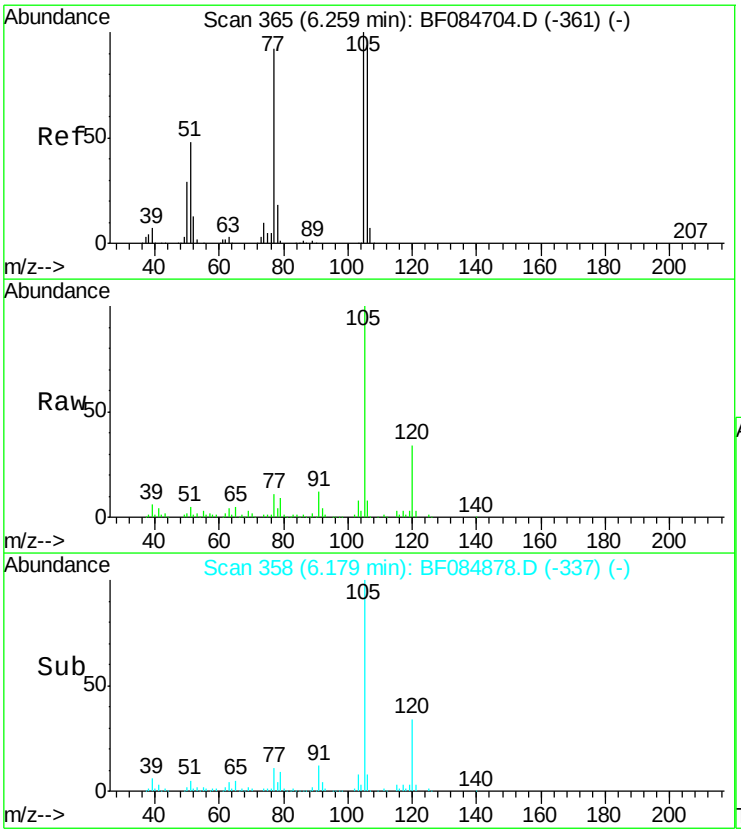
#7
Phenol-d6
Concen: 104.15 ng
RT: 6.32 min Scan# 370
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion: 99 Resp: 1429824

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.8	19.2#
71	37.5	30.9	46.3

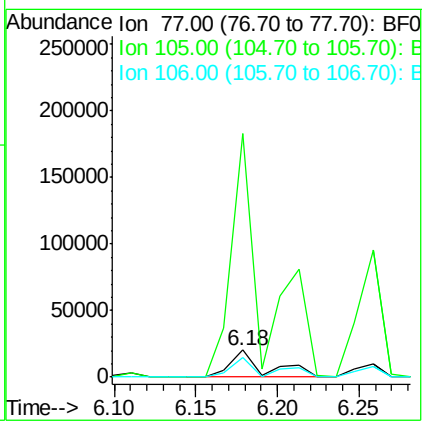


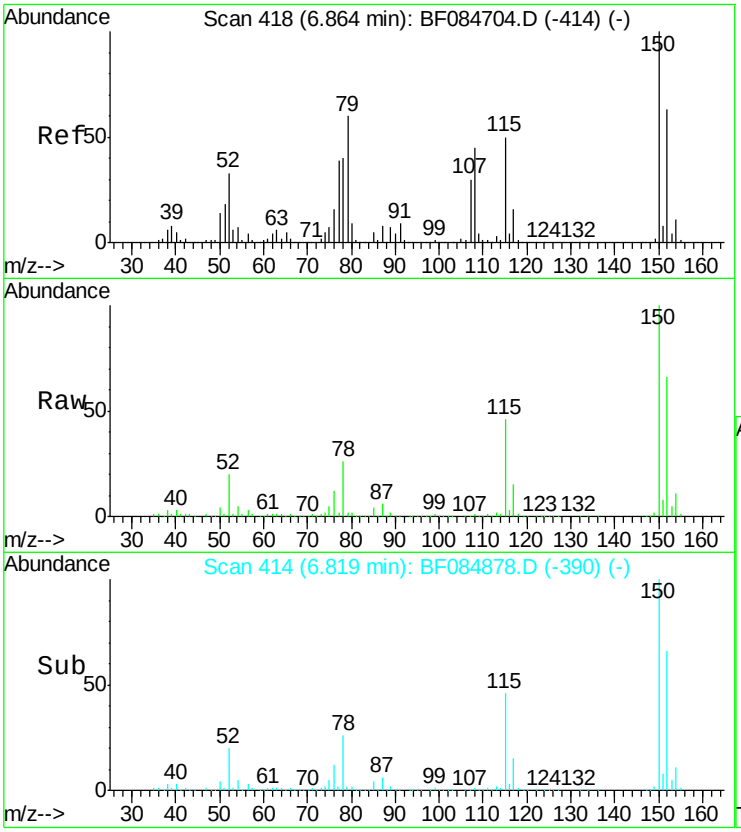


#9
Benzaldehyde
Concen: 3.74 ng
RT: 6.18 min Scan# 358
Delta R.T. -0.06 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion: 77 Resp: 30360

Ion	Ratio	Lower	Upper
77	100		
105	897.7	83.0	123.0#
106	70.5	74.6	114.6#



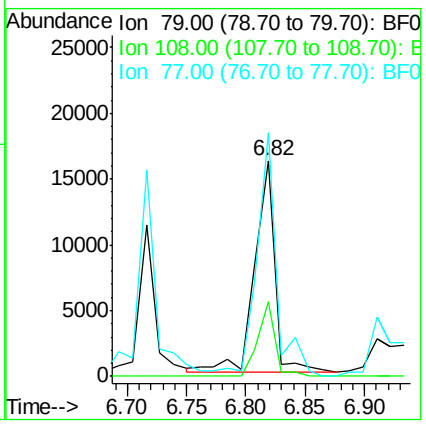


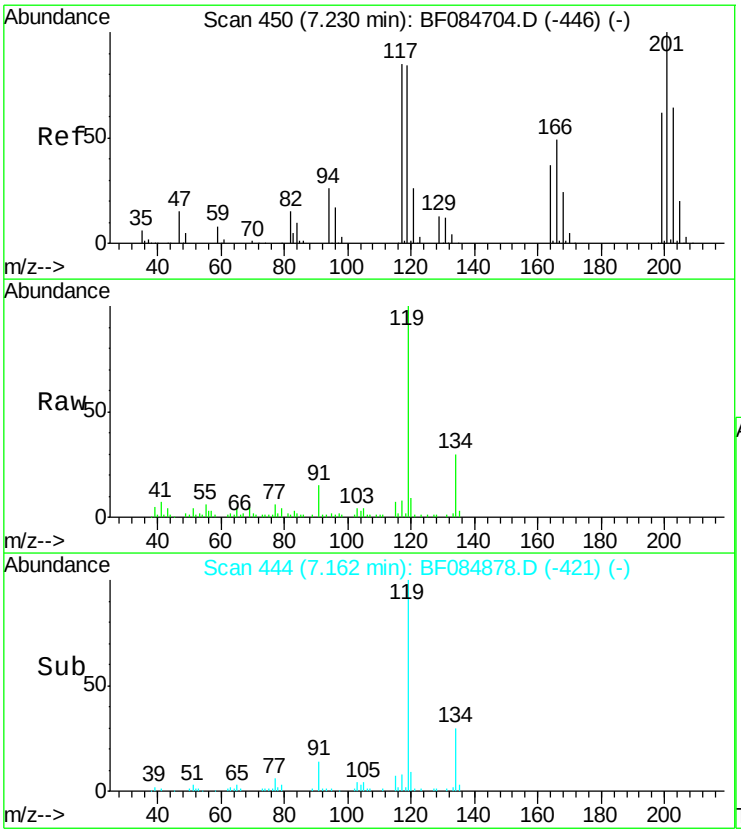
#15
Benzyl Alcohol
Concen: 2.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion: 79 Resp: 18988

Ion	Ratio	Lower	Upper
79	100		
108	34.5	69.0	103.4#
77	112.9	50.0	75.0#

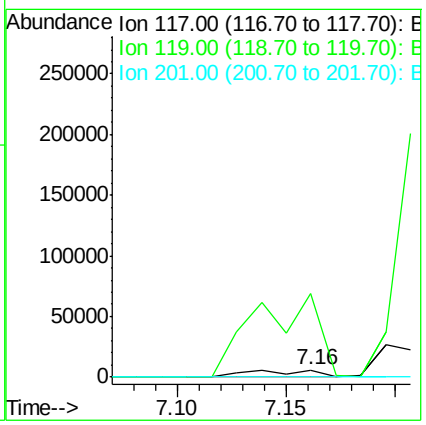


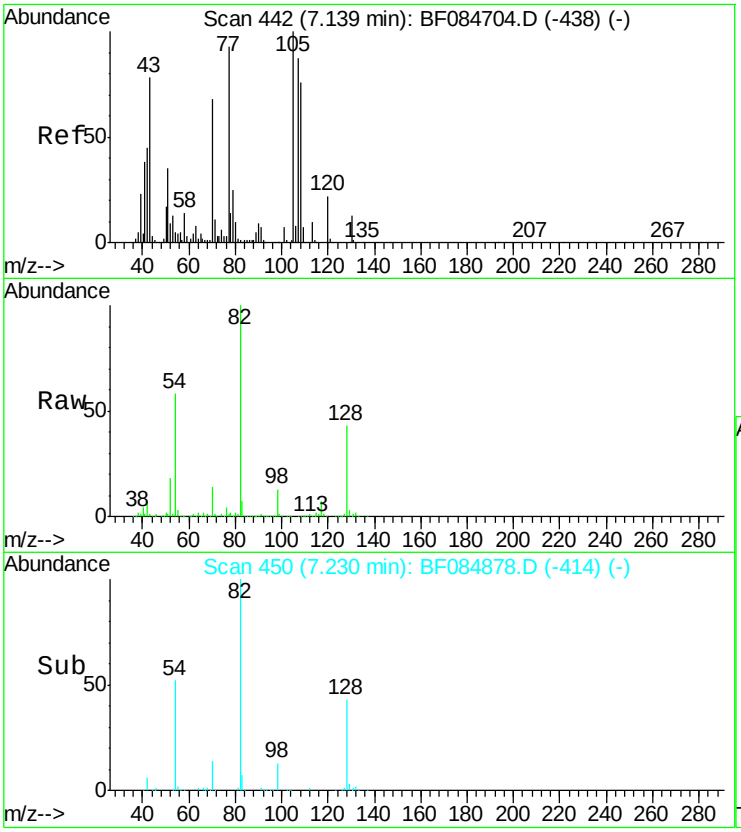


#18
Hexachloroethane
Concen: 2.37 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:117 Resp: 12092

Ion	Ratio	Lower	Upper
117	100		
119	1213.2	77.4	116.0#
201	0.0	68.6	103.0#



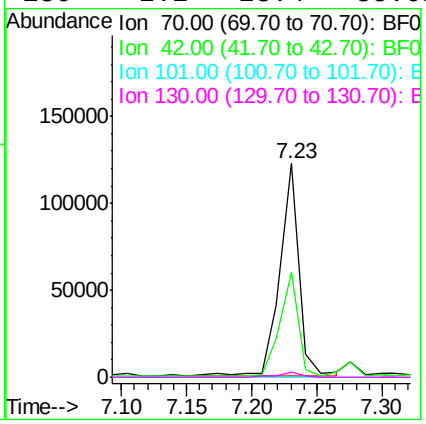


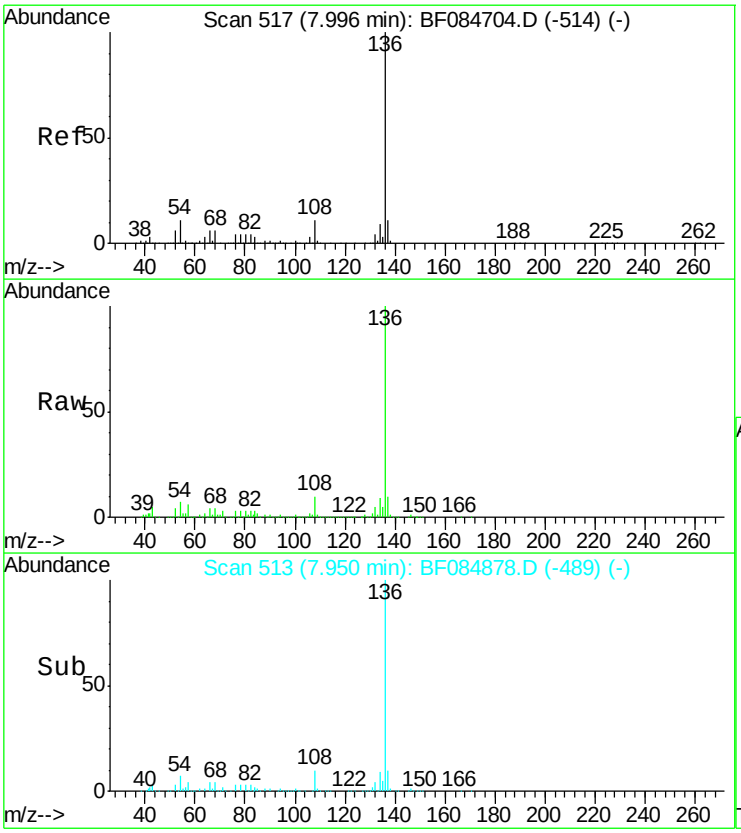
#19
n-Nitroso-di-n-propylamine
Concen: 14.70 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion: 70 Resp: 126531

Ion	Ratio	Lower	Upper
70	100		
42	49.1	33.3	49.9
101	0.0	9.3	13.9#
130	2.2	23.4	35.0#

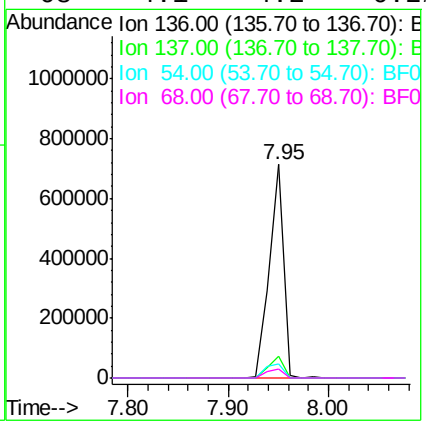


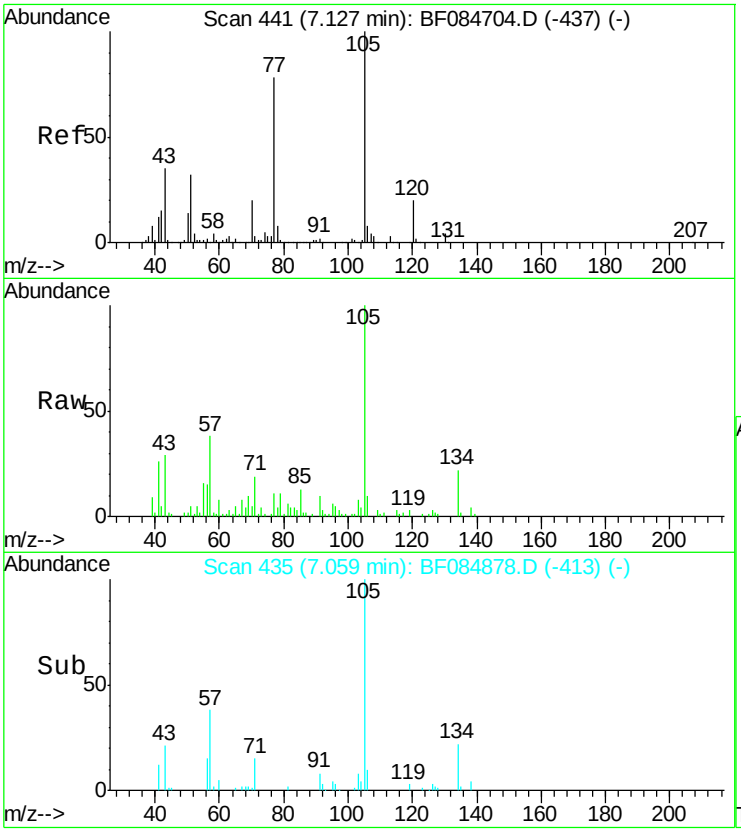


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:136 Resp: 705229

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.7	5.8	8.8
68	4.1	4.2	6.2#



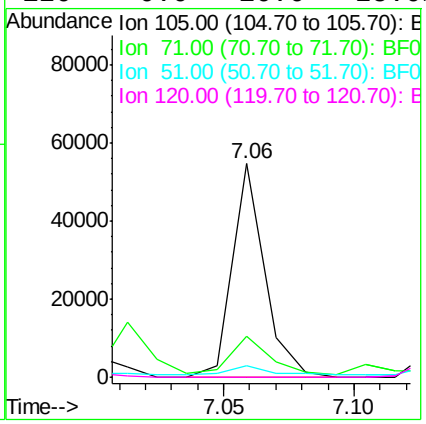


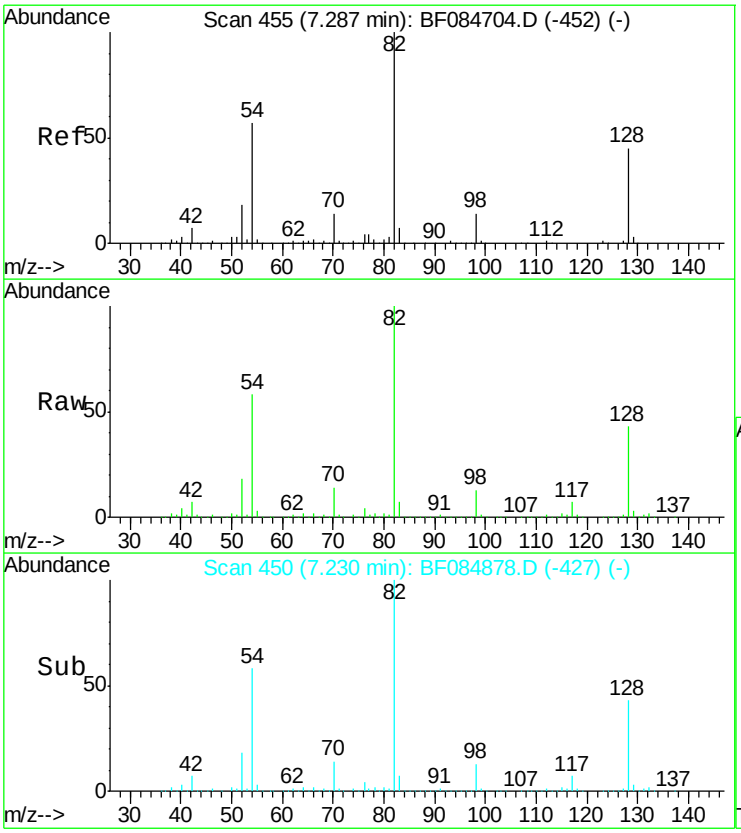
#22
Acetophenone
Concen: 2.54 ng
RT: 7.06 min Scan# 435
Delta R.T. -0.05 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:105 Resp: 47202

Ion	Ratio	Lower	Upper
105	100		
71	19.5	3.7	5.5#
51	5.1	25.1	37.7#
120	0.0	16.6	25.0#

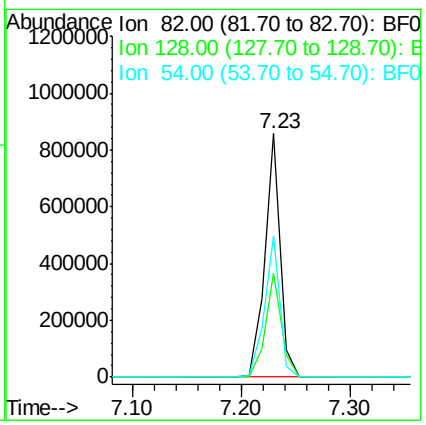


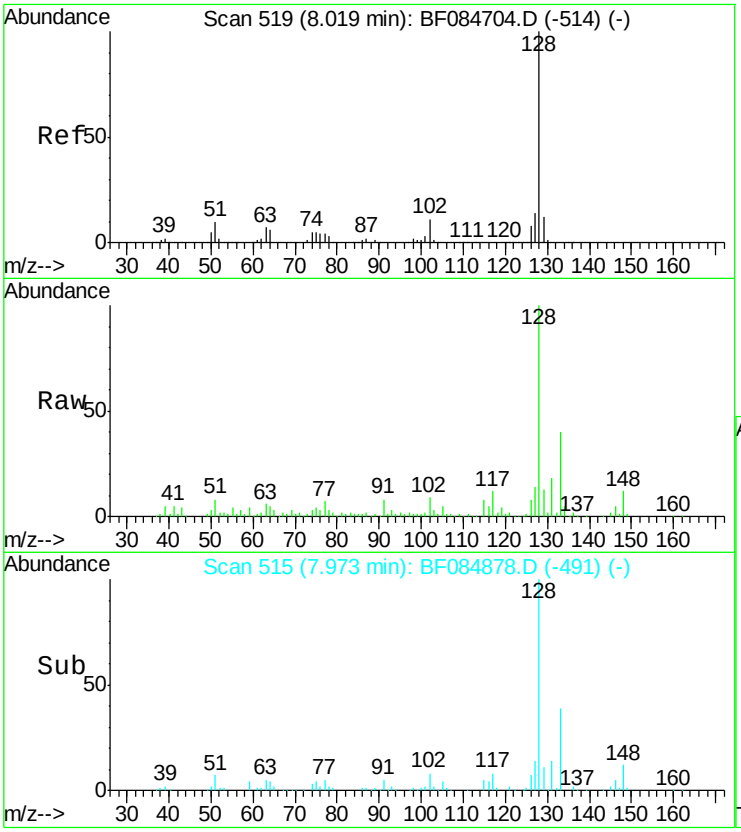


#23
Nitrobenzene-d5
Concen: 67.91 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion: 82 Resp: 850142

Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	51.8
54	57.8	38.4	57.6#



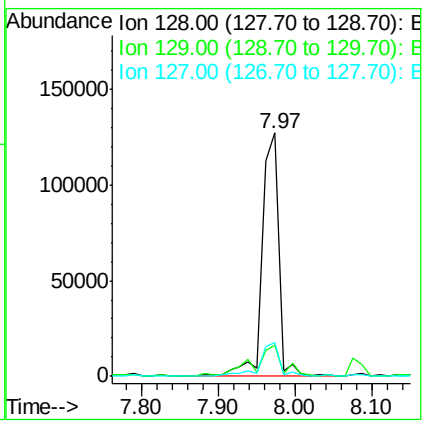


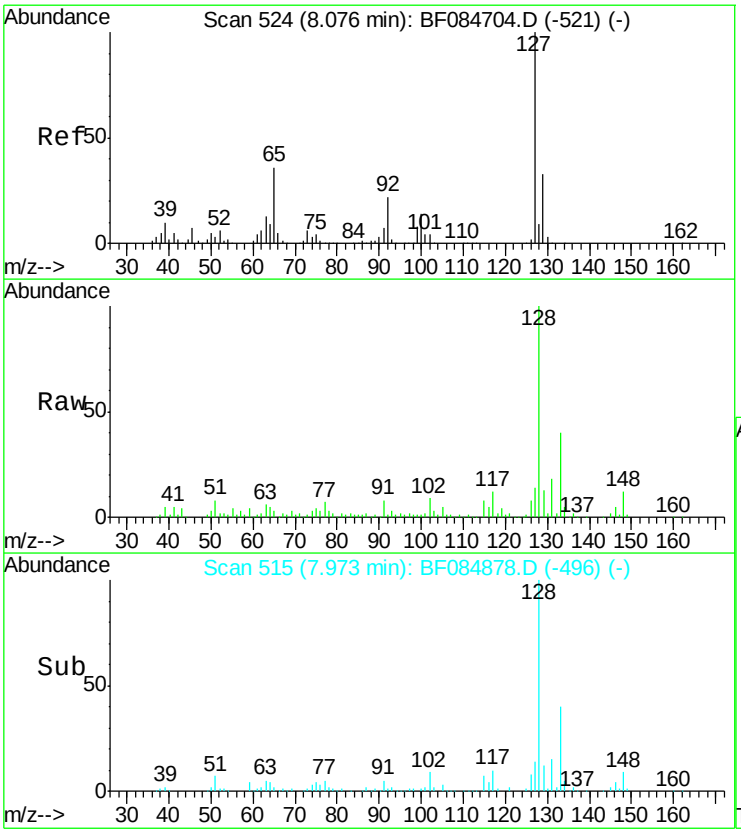
#31
Naphthalene
Concen: 5.32 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:128 Resp: 188259

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	14.0	11.1	16.7

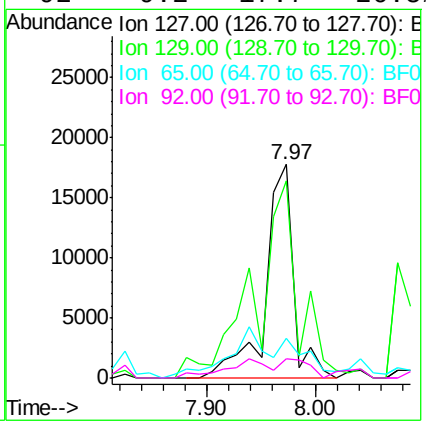


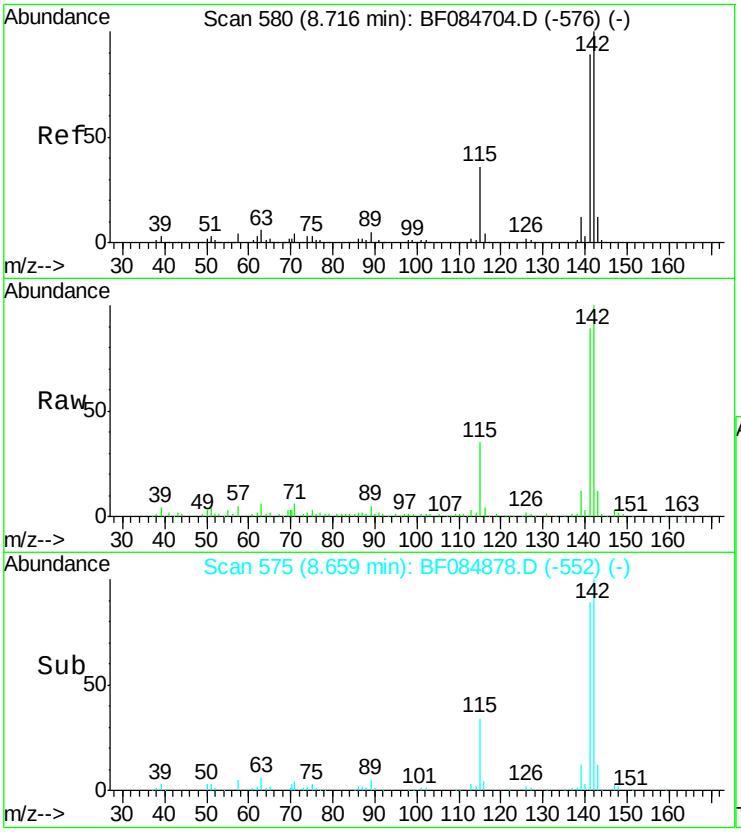


#33
4-Chloroaniline
Concen: 2.15 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.08 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:127 Resp: 31459

Ion	Ratio	Lower	Upper
127	100		
129	92.4	26.5	39.7#
65	18.9	27.2	40.8#
92	9.2	17.7	26.5#



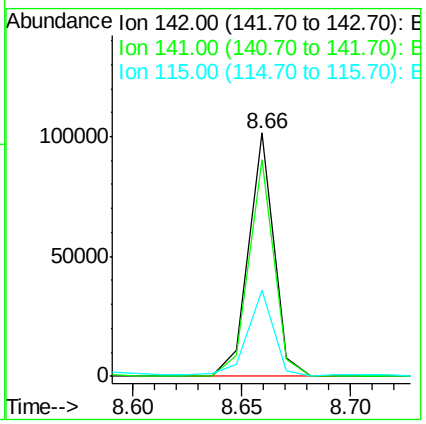


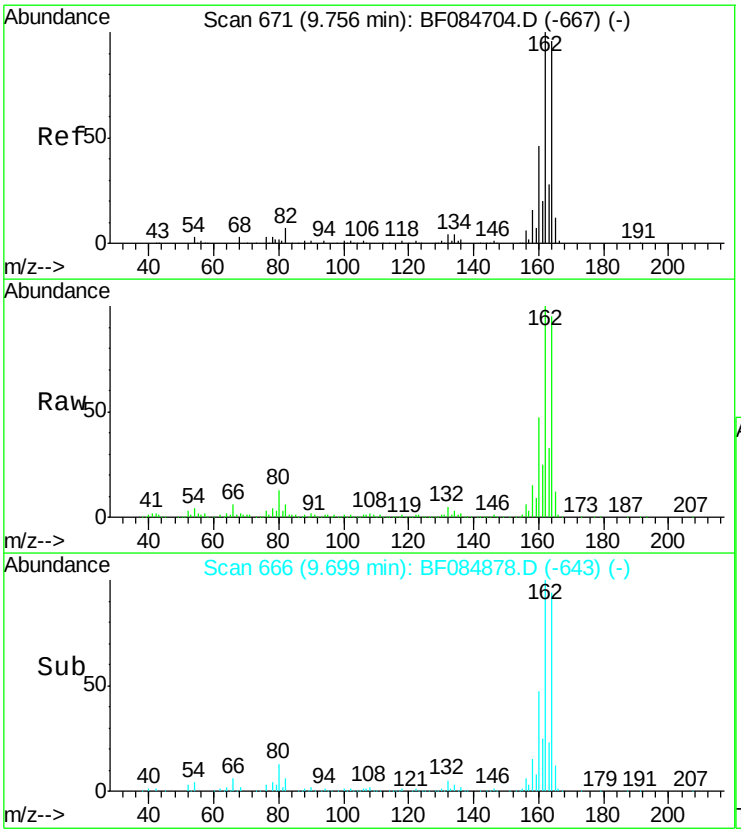
#37
2-Methylnaphthalene
Concen: 3.72 ng
RT: 8.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:142 Resp: 82305

Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.4	108.6
115	35.2	27.9	41.9

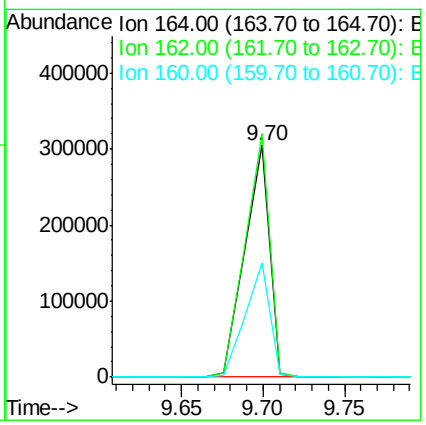


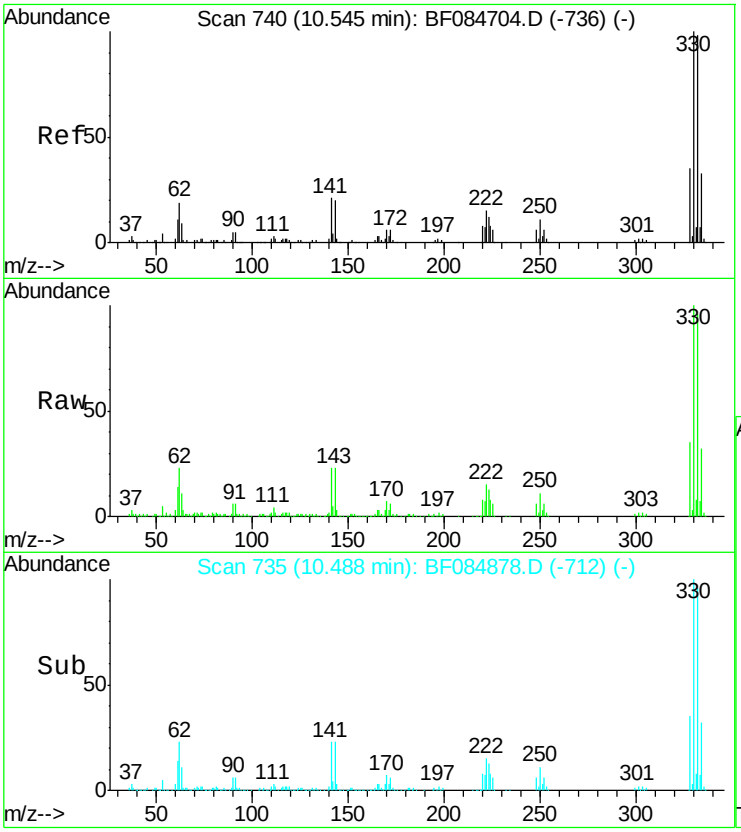


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:164 Resp: 318952

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.1	127.7
160	49.4	37.5	56.3



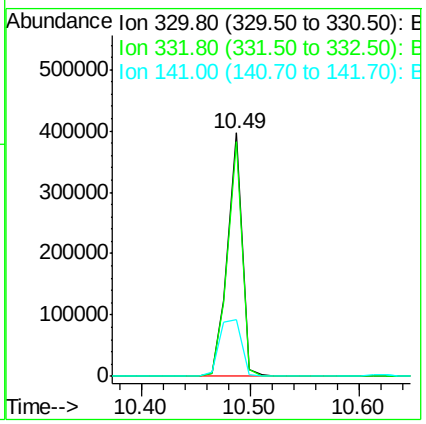


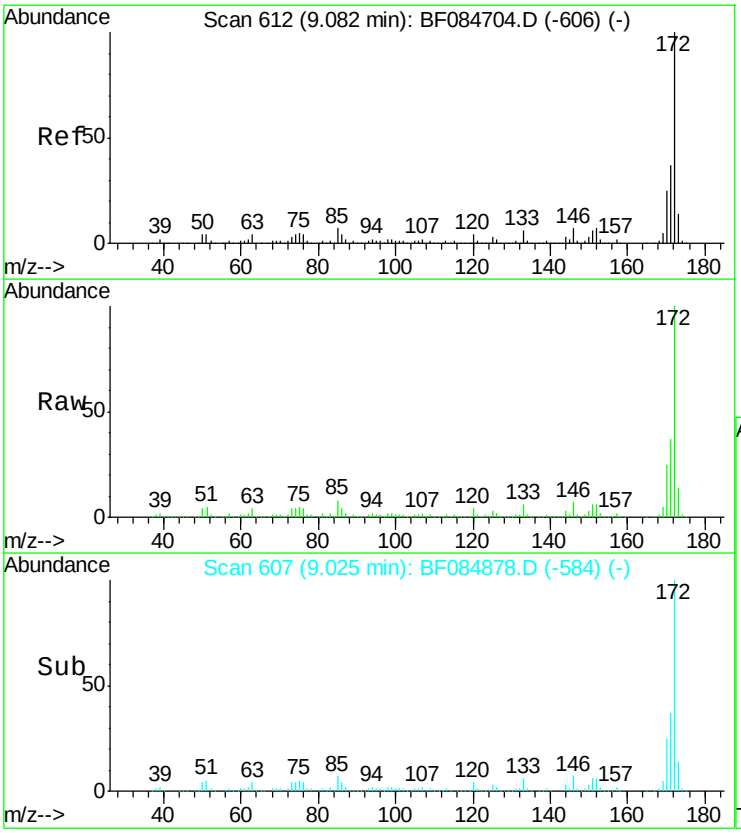
#41
2,4,6-Tribromophenol
Concen: 111.80 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:330 Resp: 371967

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	114.8
141	34.9	27.8	41.6

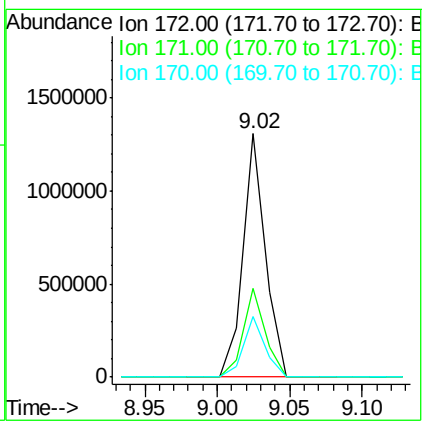


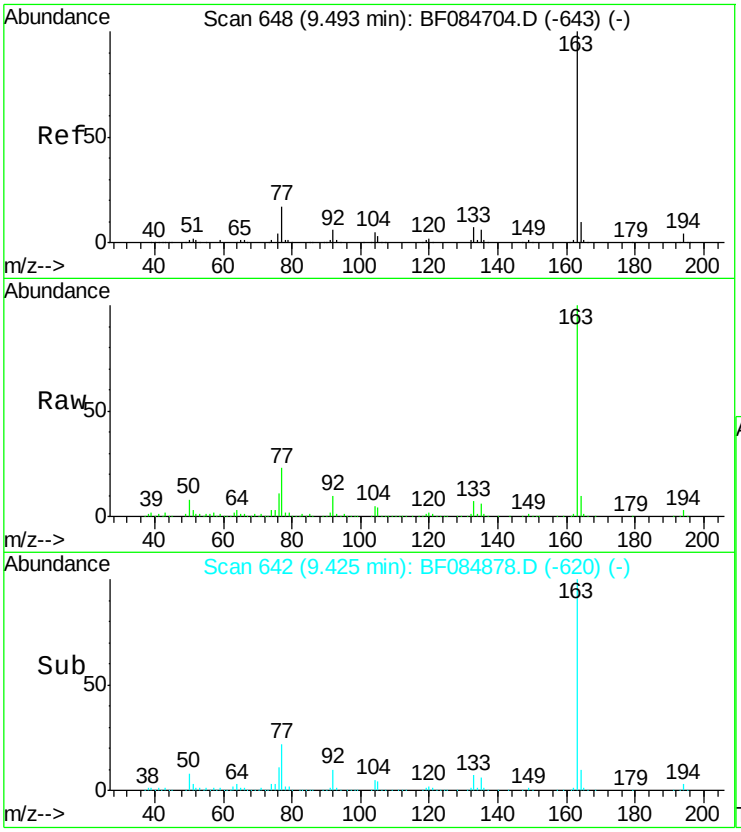


#44
2-Fluorobiphenyl
Concen: 69.38 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:172 Resp: 1396791

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.9	18.6	27.8



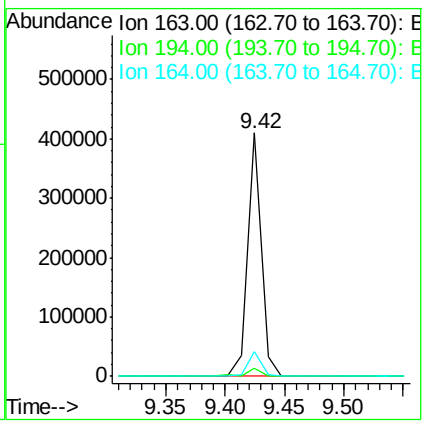


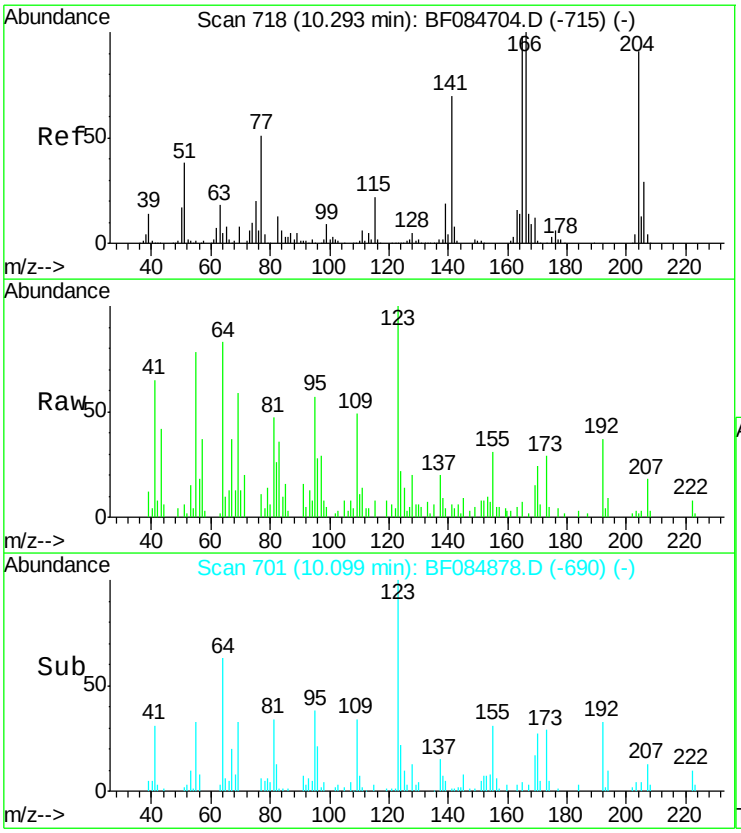
#49
Dimethylphthalate
Concen: 13.59 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:163 Resp: 330202

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.2	8.0	12.0

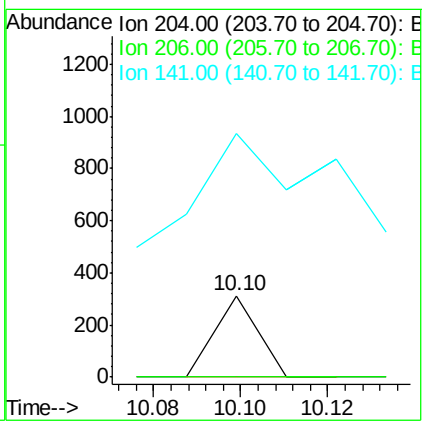


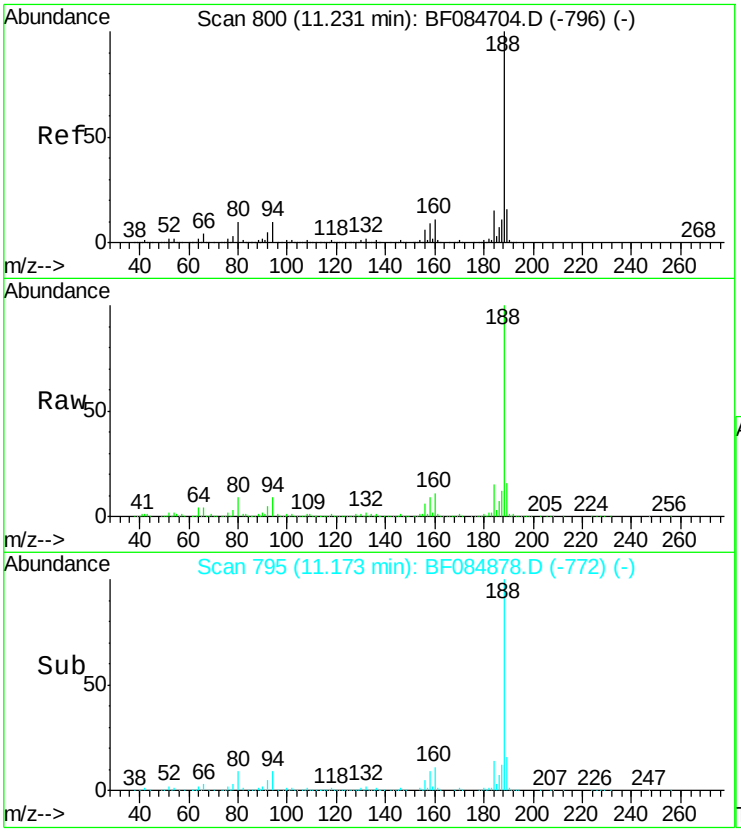


#60
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 10.10 min Scan# 701
Delta R.T. -0.17 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:204 Resp: 215

Ion	Ratio	Lower	Upper
204	100		
206	0.0	25.7	38.5#
141	298.4	55.1	82.7#



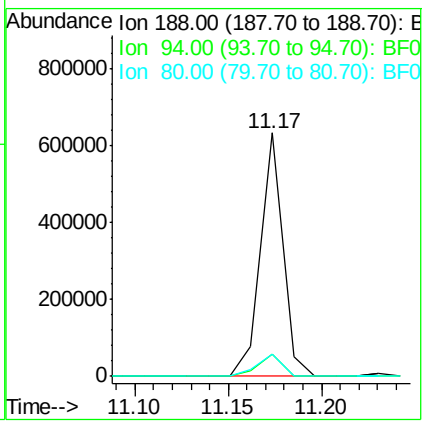


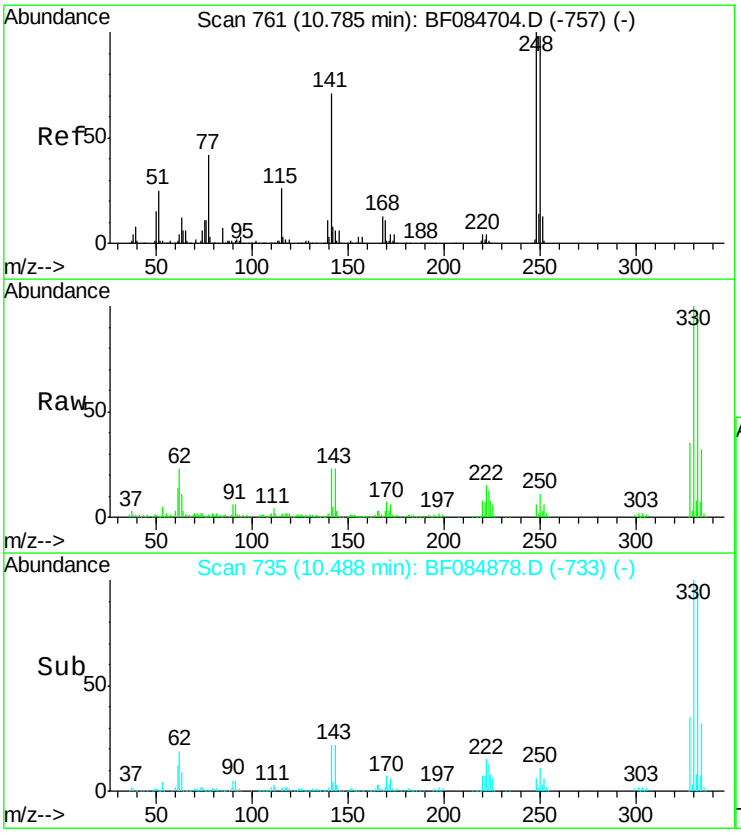
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:188 Resp: 526911

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.4	9.6	14.4#

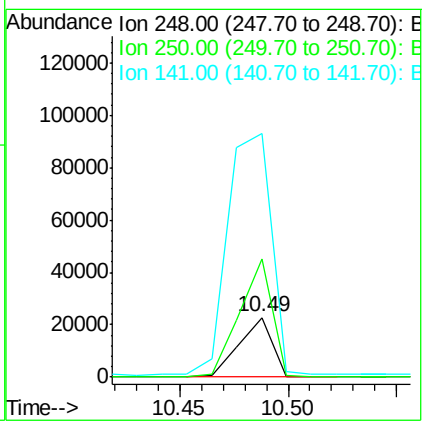


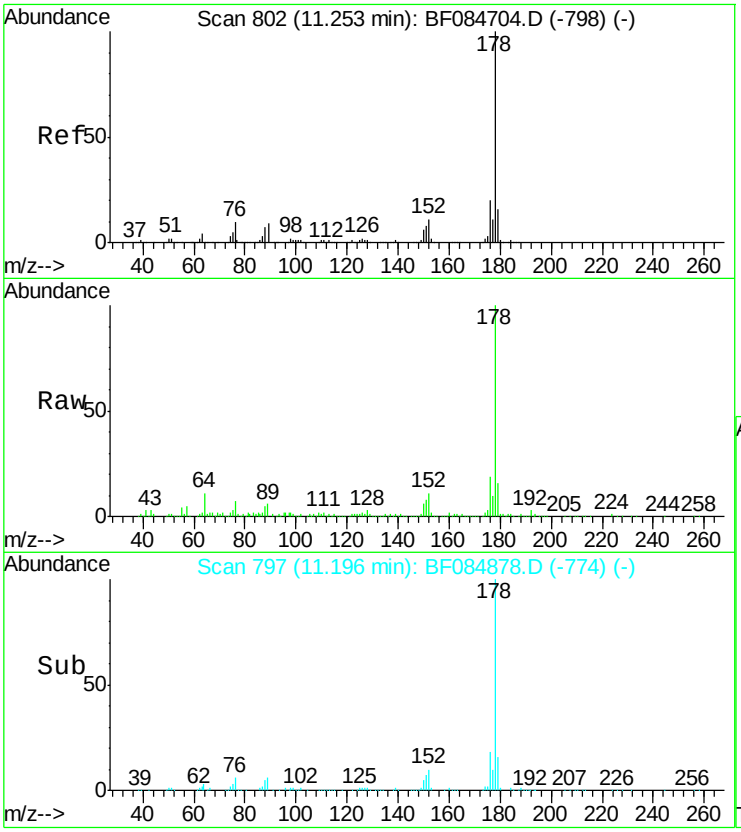


#66
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:248 Resp: 24214

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.4	117.6#
141	409.2	44.0	66.0#



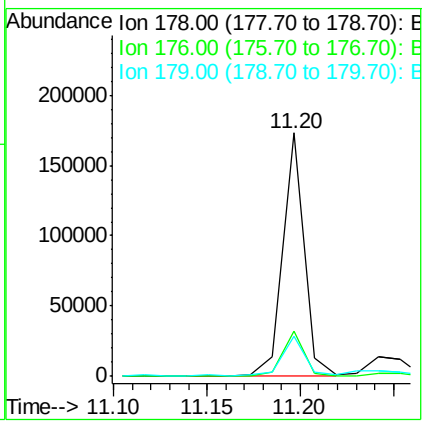


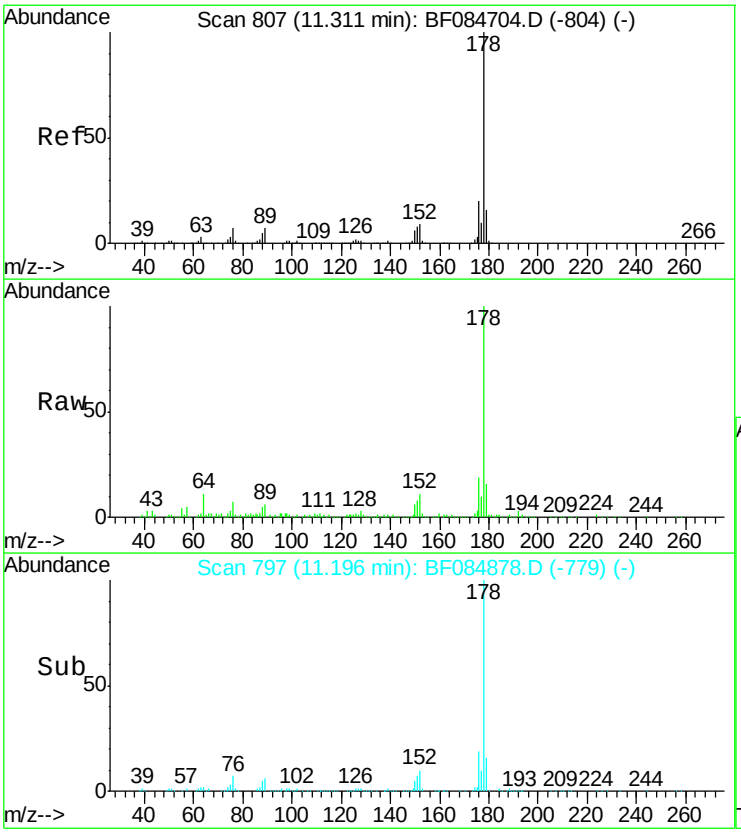
#70
Phenanthrene
Concen: 4.71 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:178 Resp: 137516

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	16.2	12.0	18.0

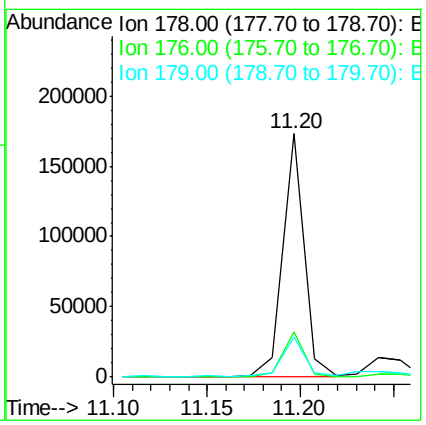


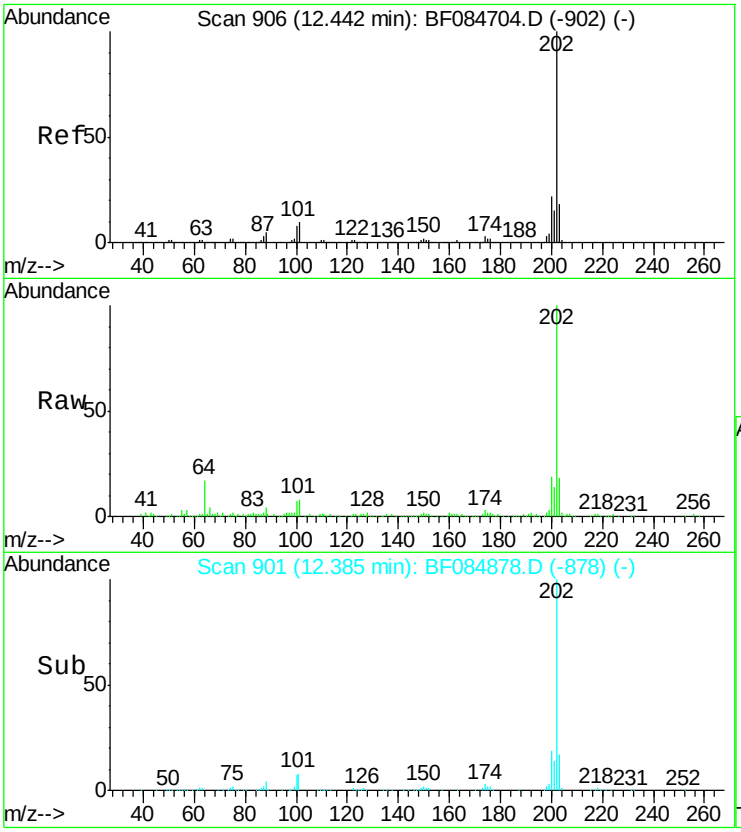


#71
Anthracene
Concen: 4.67 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.09 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:178 Resp: 137516

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	16.2	12.5	18.7



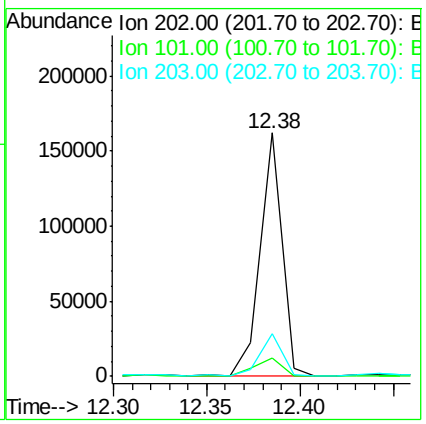


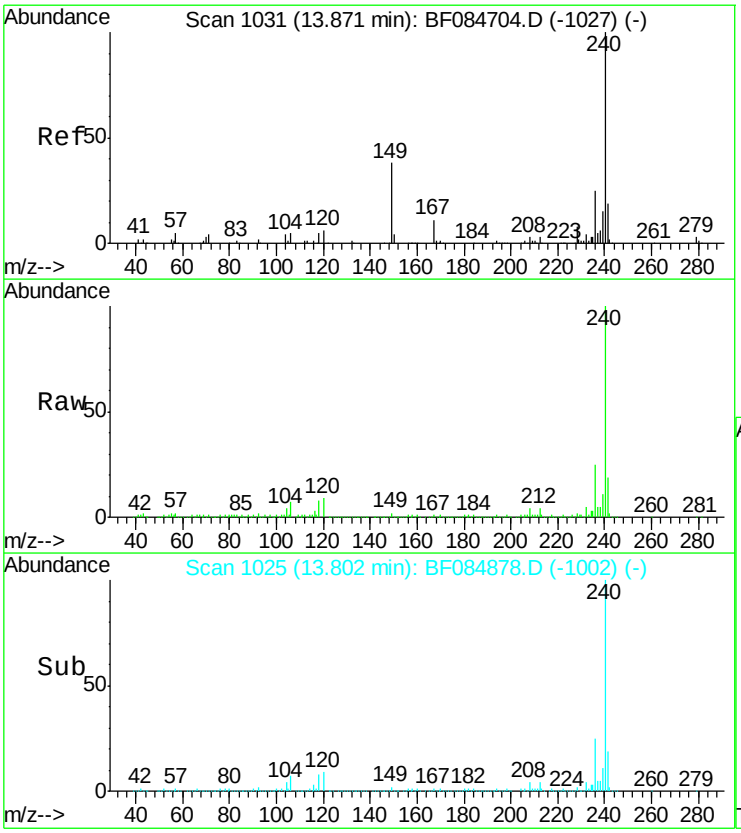
#74
Fluoranthene
Concen: 4.38 ng
RT: 12.38 min Scan# 901
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:202 Resp: 129573

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.8
203	17.6	0.0	37.9

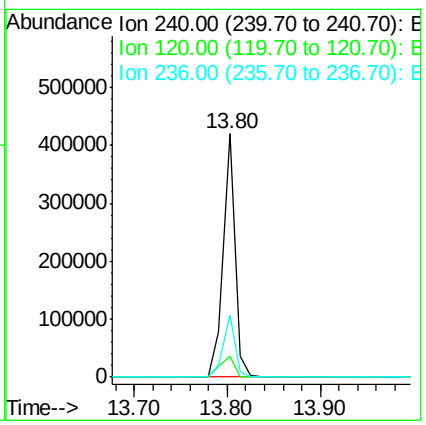


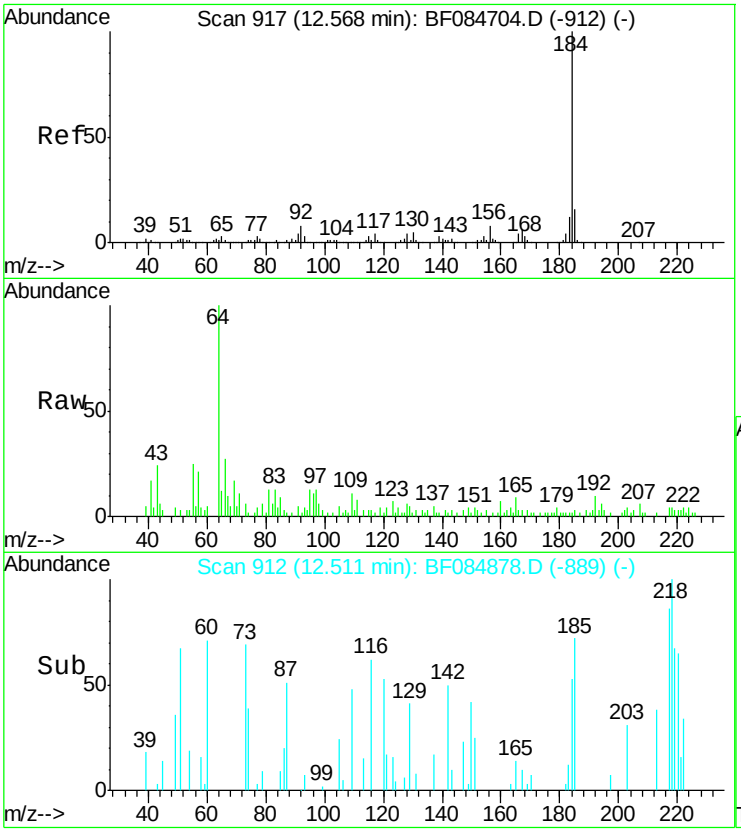


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:240 Resp: 372495

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	25.3	20.6	31.0



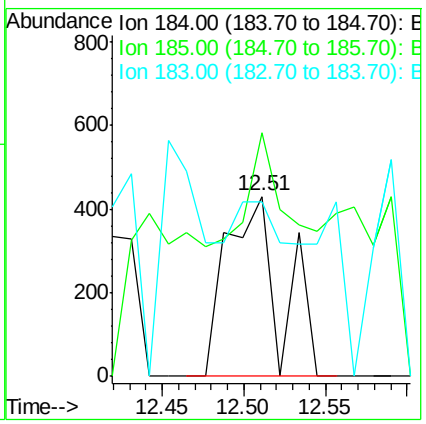


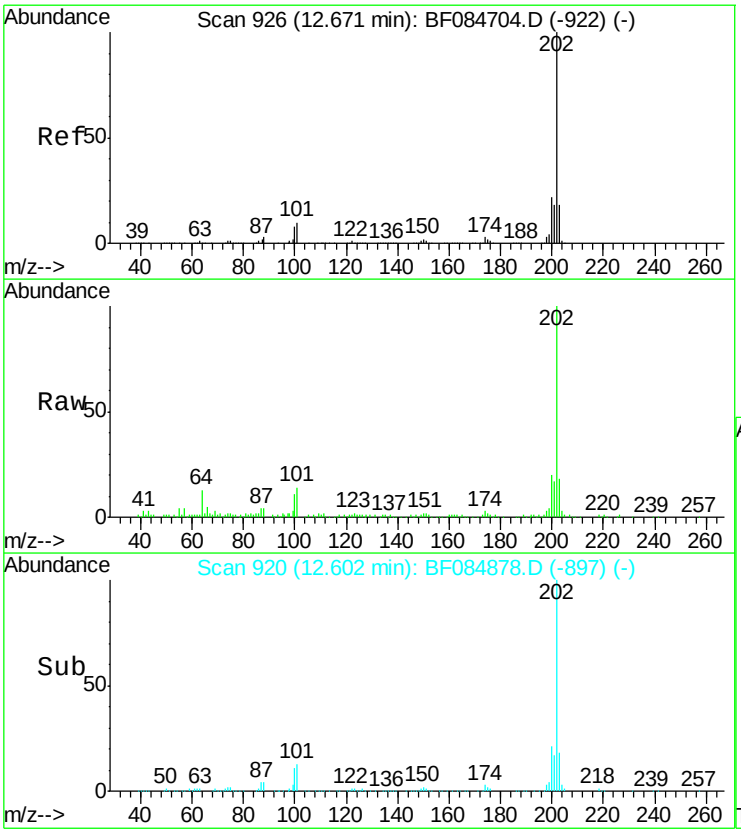
#76
Benzidine
Concen: 6.94 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:184 Resp: 996

Ion	Ratio	Lower	Upper
184	100		
185	135.3	12.2	18.2#
183	97.2	9.8	14.8#

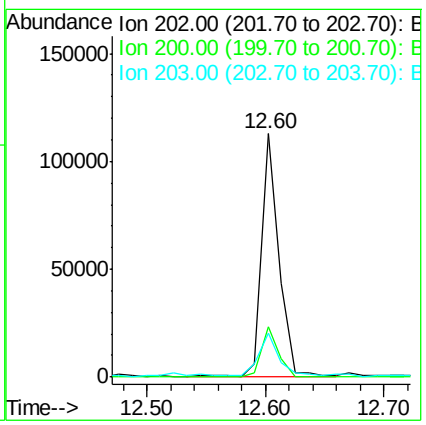


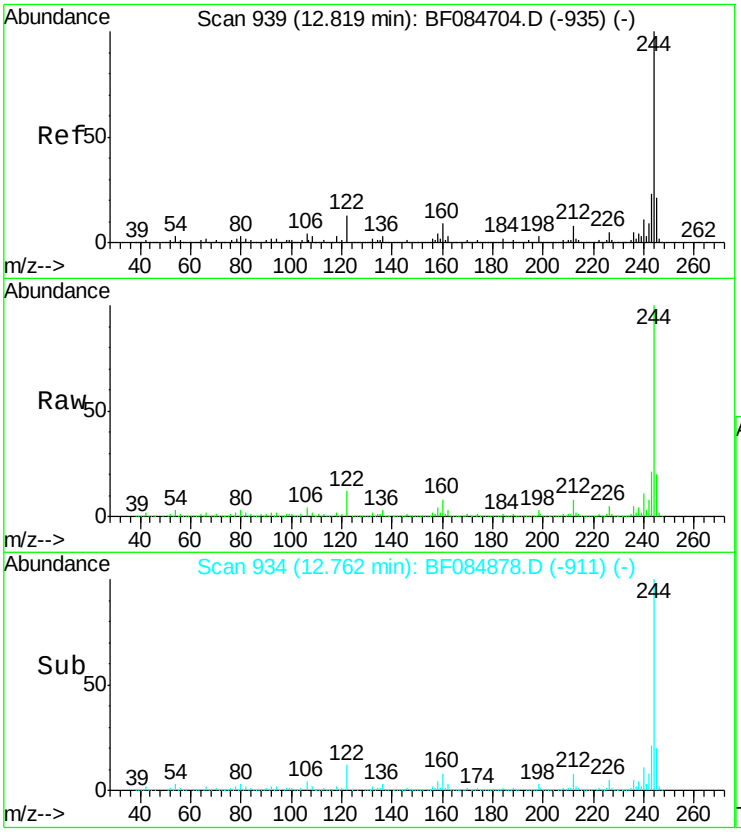


#77
Pyrene
Concen: 4.01 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:202 Resp: 114441

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.2	25.8
203	18.0	14.3	21.5



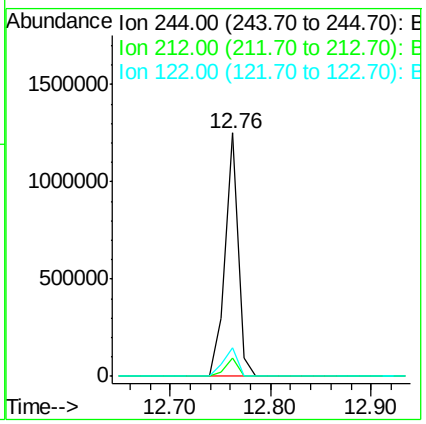


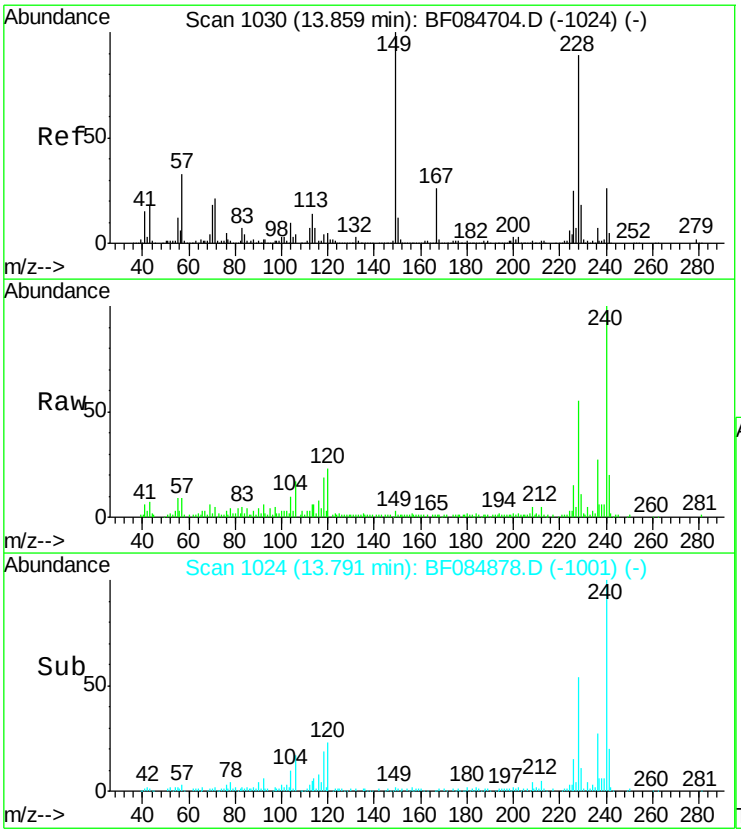
#78
Terphenyl-d14
Concen: 69.21 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:244 Resp: 1137730

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.0	7.4	11.0#

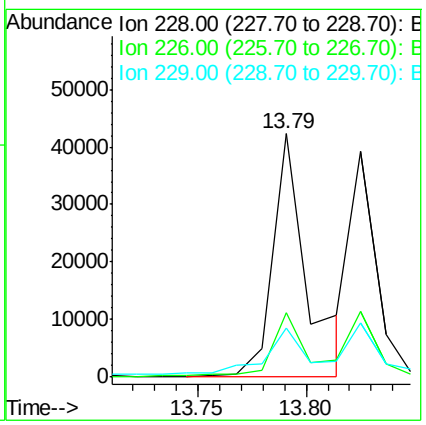


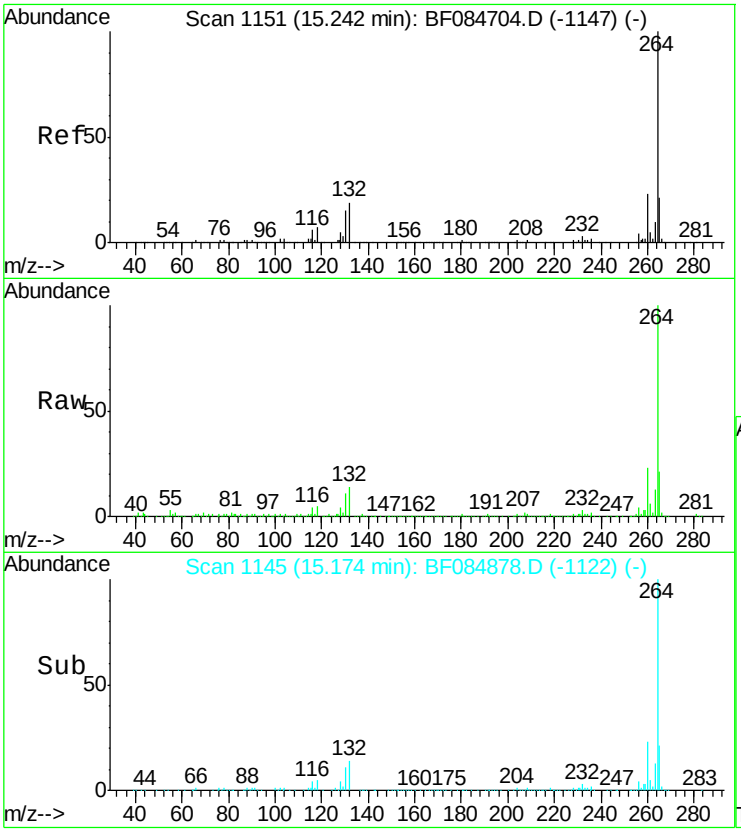


#80
Benzo(a)anthracene
Concen: 2.02 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:228 Resp: 46625

Ion	Ratio	Lower	Upper
228	100		
226	26.5	21.8	32.6
229	20.2	15.8	23.8



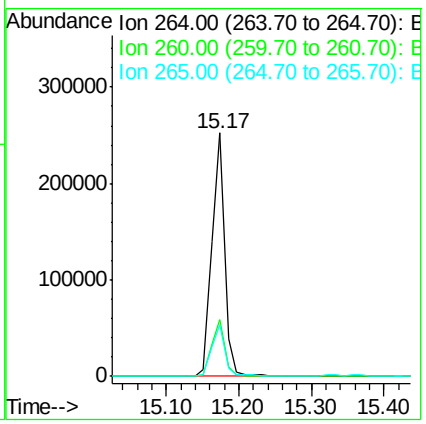


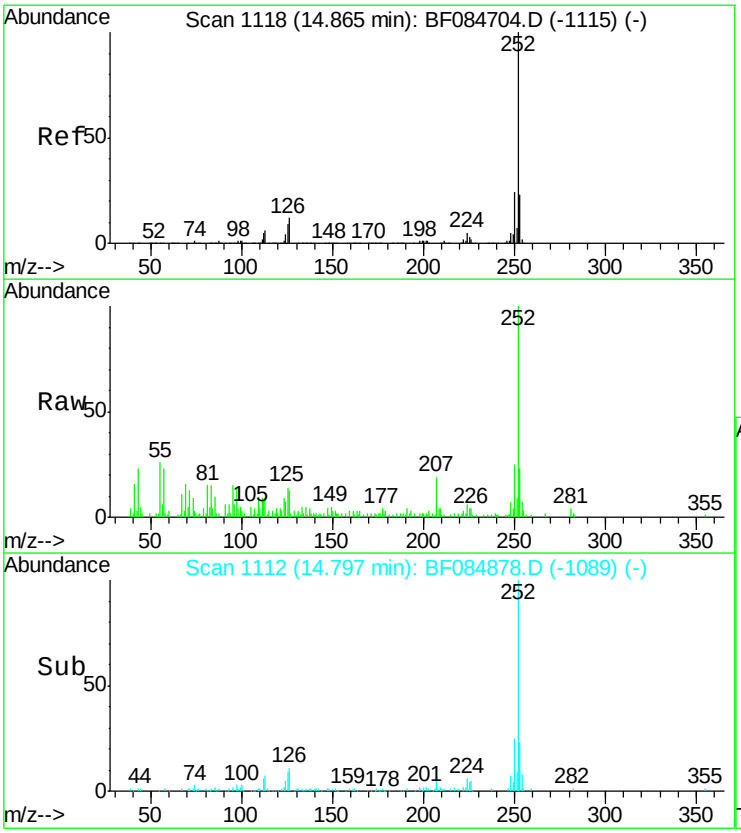
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:264 Resp: 311085

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.4	29.2
265	21.0	17.8	26.6

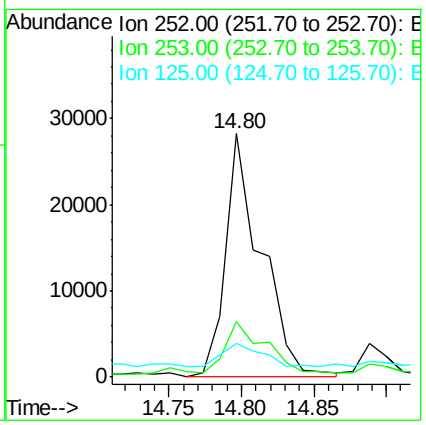


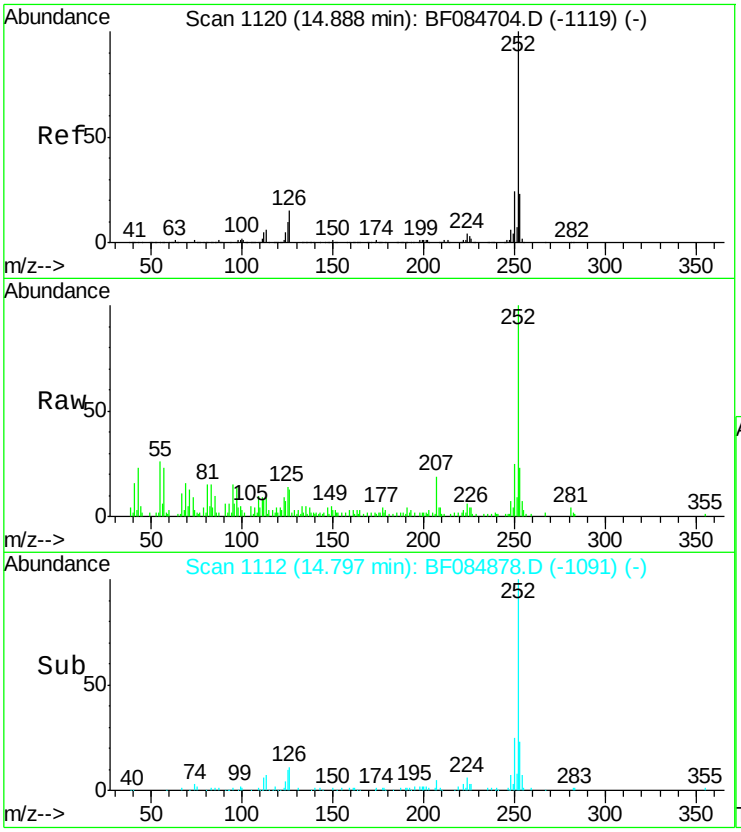


#87
Benzo(b)fluoranthene
Concen: 2.30 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Tgt Ion:252 Resp: 48144

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	14.0	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 2.79 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084878.D
Acq: 5 Feb 2016 23:47

Instrument :
BNA_F
ClientSampleId :
SUP-B007(10-11)

Tgt Ion:252 Resp: 48144

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	14.0	9.0	13.6#