Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031516\
Data File : BF085465.D
Acq On : 15 Mar 2016 20:25
Operator : UM/SJ
Sample : H1774-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 04:45:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141556	20.00	ng	-0.01
21) Naphthalene-d8	8.20	136	613647	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	268634	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	500796	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	365724	20.00	ng	-0.01
86) Perylene-d12	15.52	264	250578	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1270159	154.24	ng	0.01
7) Phenol-d6	6.54	99	1562877	146.31	ng	-0.01
23) Nitrobenzene-d5	7.48	82	1027280	98.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	402825	162.81	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1437875	92.86	ng	-0.01
78) Terphenyl-d14	13.02	244	1332770	82.44	ng	-0.01
Target Compounds						Qvalue
3) Pyridine	3.30	79	227	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.28	42	528	0.12	ng	# 1
6) Aniline	6.68	93	1819	0.12	ng	# 1
8) 2-Chlorophenol	6.69	128	466	0.05	ng	# 1
9) Benzaldehyde	6.68	77	25496	4.27	ng	86
10) Phenol	6.55	94	6408	0.54	ng	# 1
11) bis(2-Chloroethyl)ether	6.68	93	1819	0.20	ng	# 1
15) Benzyl Alcohol	7.06	79	15475	2.03	ng	# 49
17) 2-Methylphenol	7.05	107	207	0.03	ng	# 1
19) n-Nitroso-di-n-propylamine	7.48	70	137873	21.55	ng	# 76
20) 3+4-Methylphenols	7.05	107	207	0.02	ng	# 1
22) Acetophenone	7.32	105	486	0.03	ng	# 54
24) Nitrobenzene	7.48	77	3153	0.27	ng	# 37
27) 2,4-Dimethylphenol	7.89	122	2598	0.26	ng	# 6
31) Naphthalene	8.22	128	269	0.01	ng	# 67
32) Benzoic acid	7.89	122	2598	0.45	ng	99
45) 1,1'-Biphenyl	9.27	154	2709	0.12	ng	# 1
47) 2-Nitroaniline	9.66	65	2979	0.60	ng	# 1
49) Dimethylphthalate	9.67	163	300000	15.31	ng	98
50) 2,6-Dinitrotoluene	9.66	165	3276	0.76	ng	# 1
51) Acenaphthene	9.96	154	1006	0.06	ng	# 4
56) 2,4-Dinitrotoluene	9.96	165	33727	6.21	ng	# 22
57) Fluorene	10.74	166	18482	1.13	ng	# 89
58) 2,3,4,6-Tetrachlorophenol	10.28	232	282	0.07	ng	# 30
59) Diethylphthalate	10.37	149	915	0.05	ng	# 87
61) 4-Nitroaniline	10.74	138	493	0.10	ng	# 1
62) Azobenzene	10.66	77	238	0.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.74	198	1046	0.35	ng	# 1
65) n-Nitrosodiphenylamine	10.74	169	12804	0.83	ng	# 43
66) 4-Bromophenyl-phenylether	10.74	248	28496	5.62	ng	# 1
69) Pentachlorophenol	11.25	266	661	0.24	ng	# 64
70) Phenanthrene	11.45	178	1484	0.06	ng	# 62
71) Anthracene	11.51	178	249	0.01	ng	# 59
72) Carbazole	11.67	167	254	0.01	ng	# 58

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031516\
Data File : BF085465.D
Acq On : 15 Mar 2016 20:25
Operator : UM/SJ
Sample : H1774-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 16 04:45:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Di-n-butylphthalate	11.99	149	5463	0.20	ng	#	96
74) Fluoranthene	12.64	202	1399	0.06	ng		61
76) Benzidine	12.77	184	486	0.04	ng	#	66
77) Pyrene	12.87	202	1323	0.05	ng	#	72
79) Butylbenzylphthalate	13.50	149	208	0.02	ng	#	26
80) Benzo(a)anthracene	14.07	228	2461	0.12	ng	#	50
82) Chrysene	14.07	228	2461	0.13	ng	#	47
83) Bis(2-ethylhexyl)phthalate	14.05	149	2728	0.19	ng	#	97
84) Di-n-octyl phthalate	14.70	149	653	0.03	ng	#	66
85) Indeno(1,2,3-cd)pyrene	16.95	276	481	0.03	ng	#	58
87) Benzo(b)fluoranthene	15.10	252	871	0.05	ng	#	30
88) Benzo(k)fluoranthene	15.10	252	871	0.07	ng	#	29
89) Benzo(a)pyrene	15.45	252	580	0.04	ng	#	60
91) Benzo(g,h,i)perylene	17.39	276	580	0.04	ng	#	49

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031516\
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Misc :
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Instrument :
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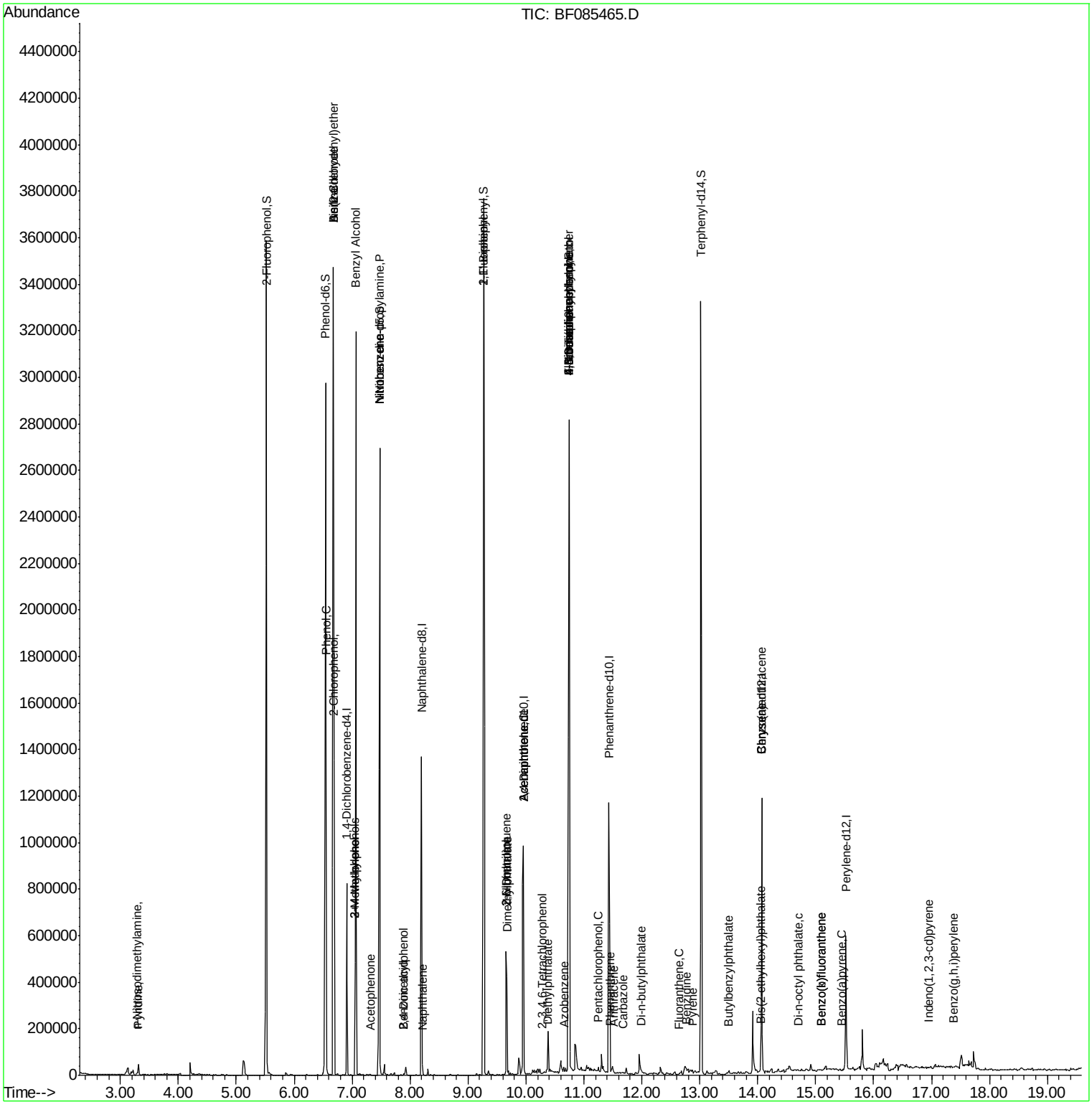
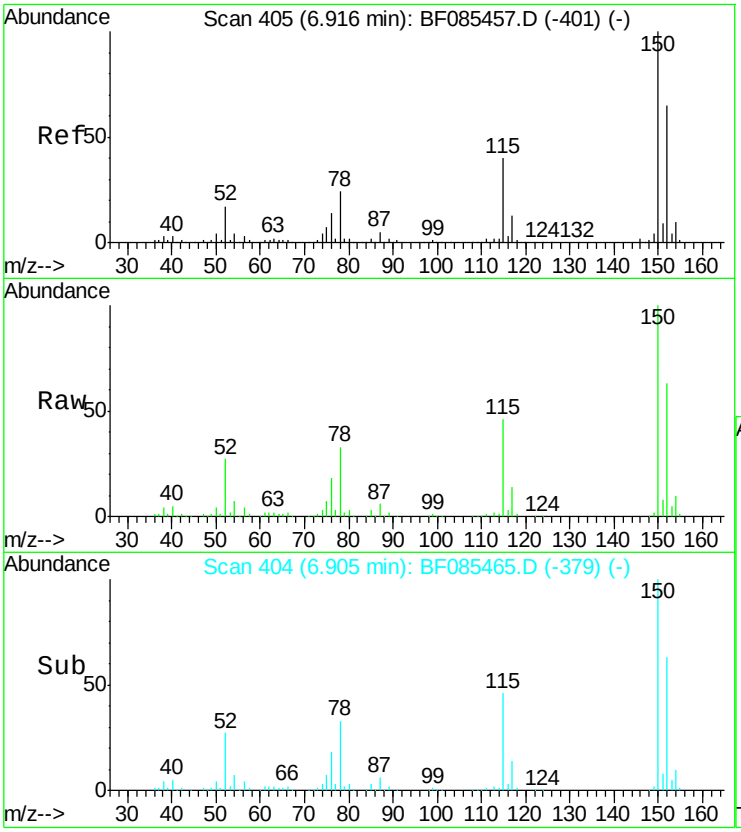


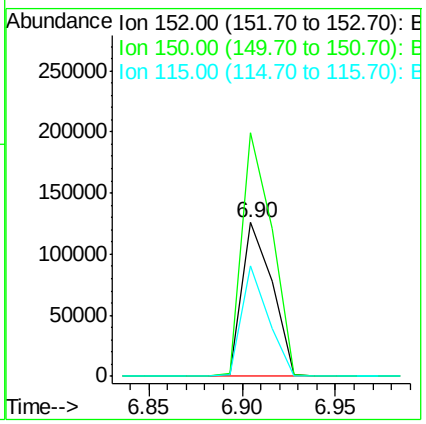


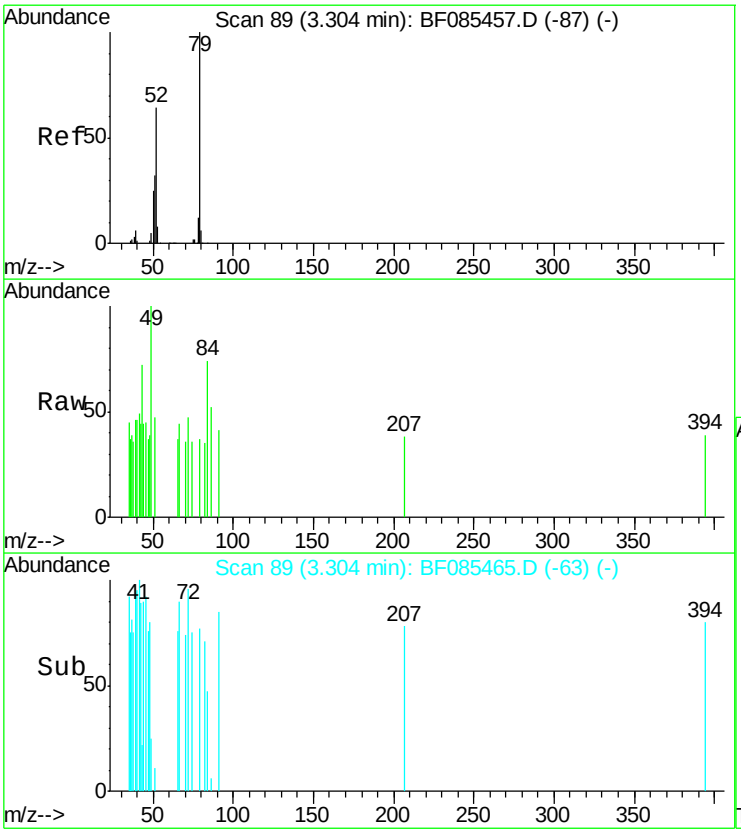
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 141556

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	72.0	46.6	70.0#

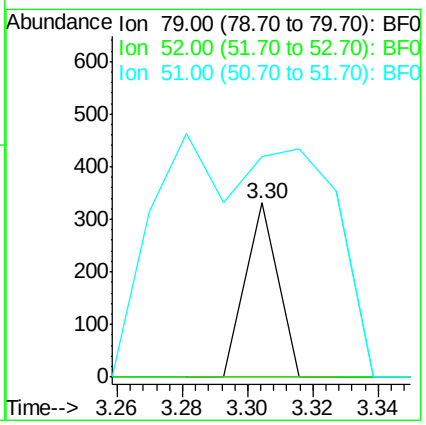


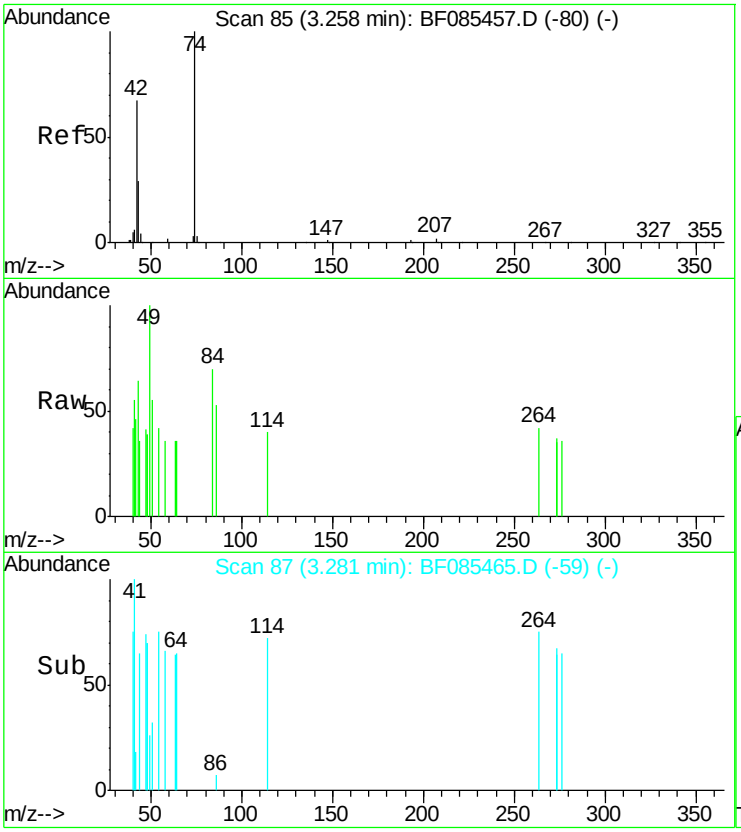


#3
Pyridine
Concen: 0.02 ng
RT: 3.30 min Scan# 89
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 79 Resp: 227

Ion	Ratio	Lower	Upper
79	100		
52	0.0	52.6	79.0#
51	126.9	25.8	38.8#

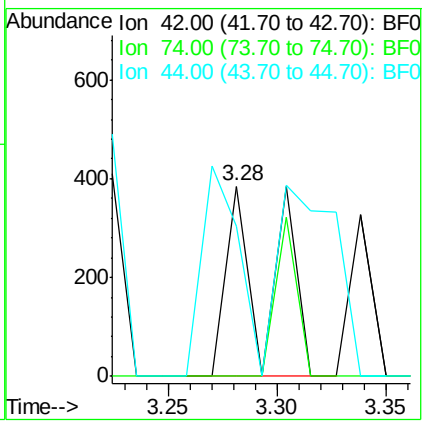




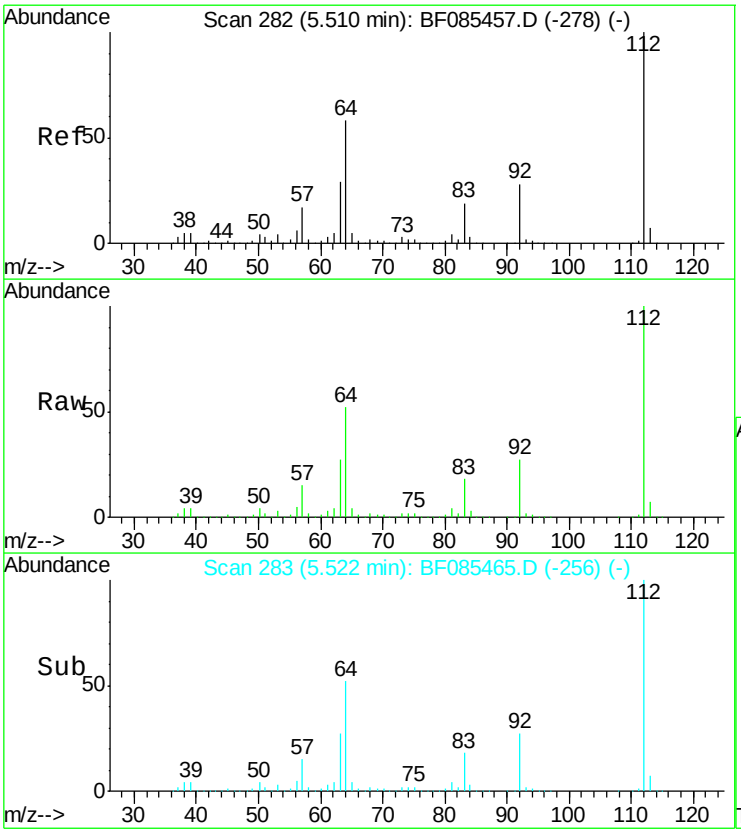
#4
n-Nitrosodimethylamine
Concen: 0.12 ng
RT: 3.28 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 42 Resp: 528

Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.8	175.2#
44	79.2	5.5	8.3#



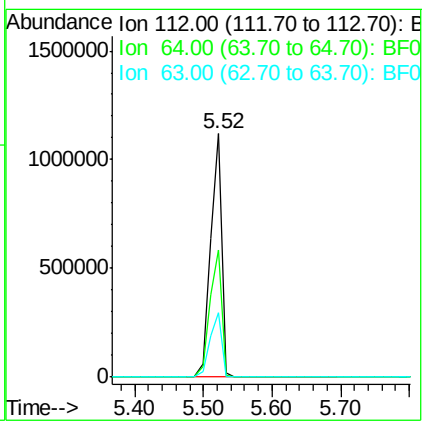
Instrument :
BNA_F
ClientSampleId :

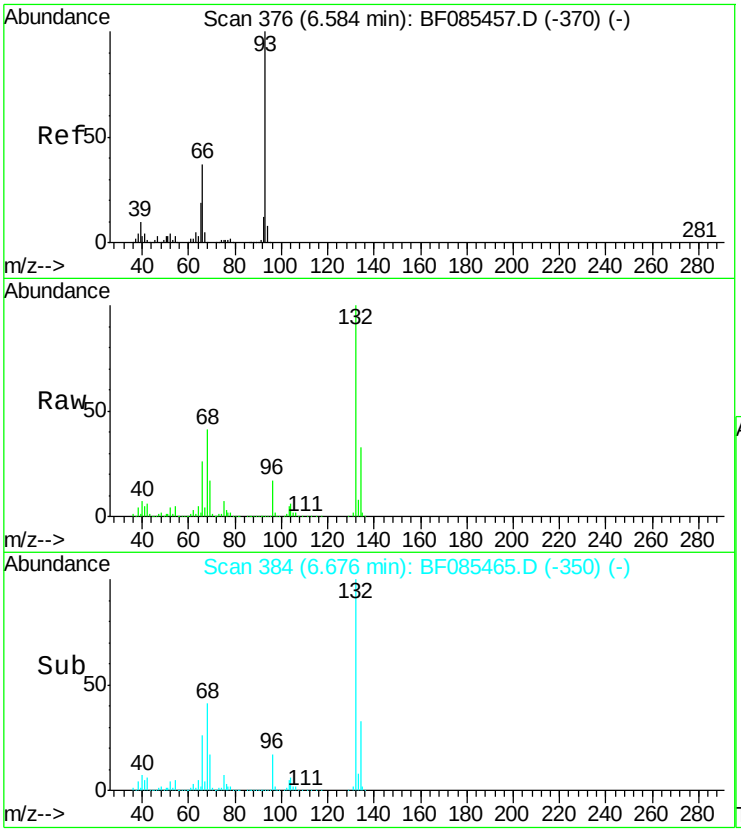


#5
2-Fluorophenol
Concen: 154.24 ng
RT: 5.52 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:112 Resp: 1270159

Ion	Ratio	Lower	Upper
112	100		
64	52.3	49.0	73.4
63	26.6	24.8	37.2



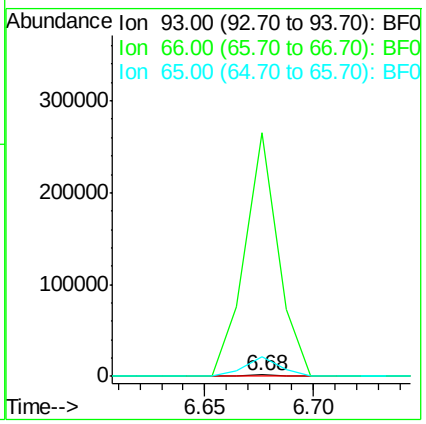


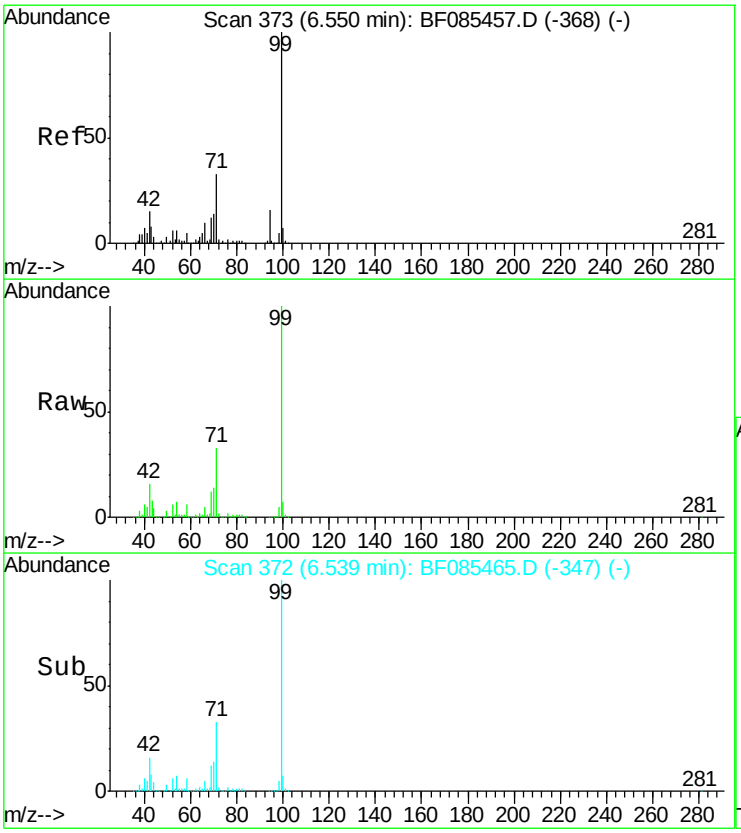
#6
Aniline
Concen: 0.12 ng
RT: 6.68 min Scan# 384
Delta R.T. 0.09 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1819

Ion	Ratio	Lower	Upper
93	100		
66	16931.8	31.6	47.4#
65	1333.8	15.8	23.8#

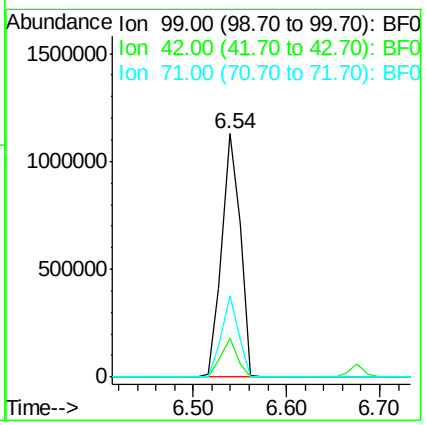


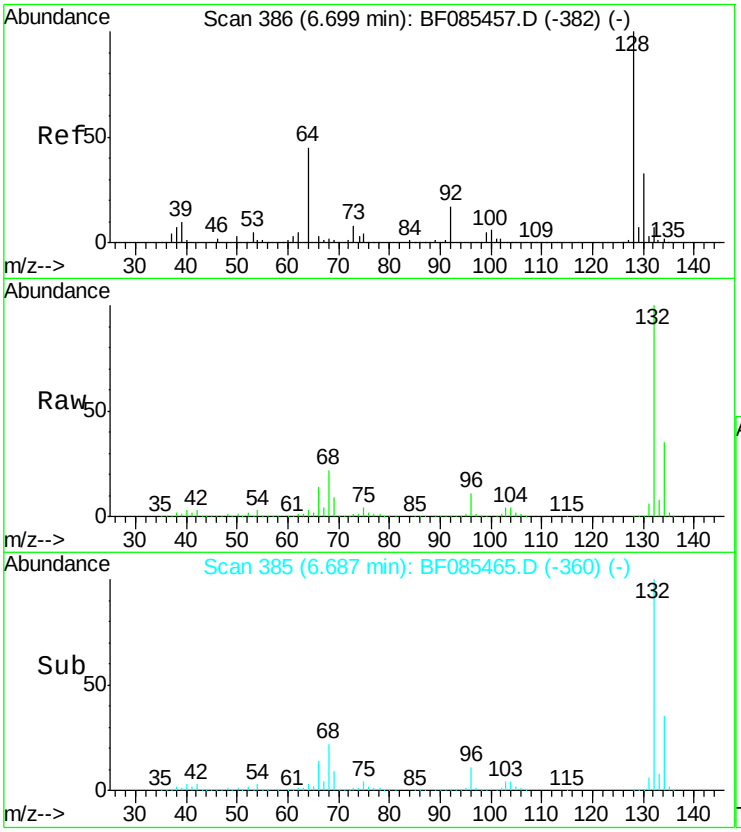


#7
Phenol-d6
Concen: 146.31 ng
RT: 6.54 min Scan# 372
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 99 Resp: 1562877

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	33.5	26.7	40.1



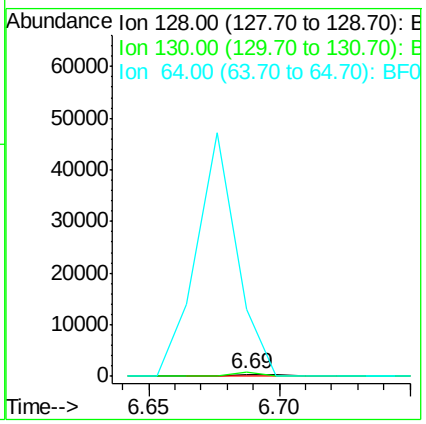


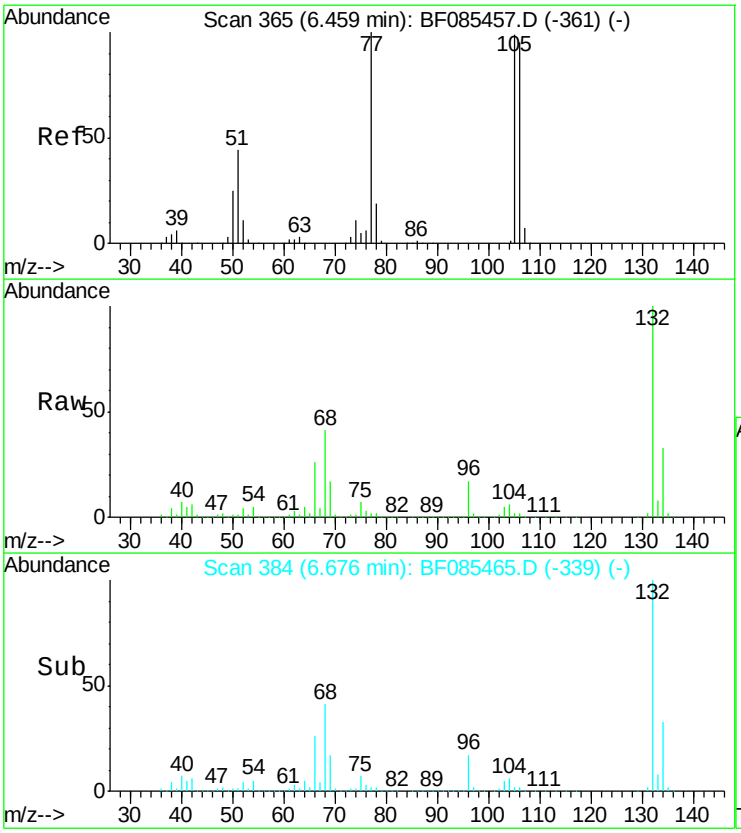
#8
2-Chlorophenol
Concen: 0.05 ng
RT: 6.69 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 466

Ion	Ratio	Lower	Upper
128	100		
130	206.3	13.3	53.3#
64	3524.5	25.7	65.7#

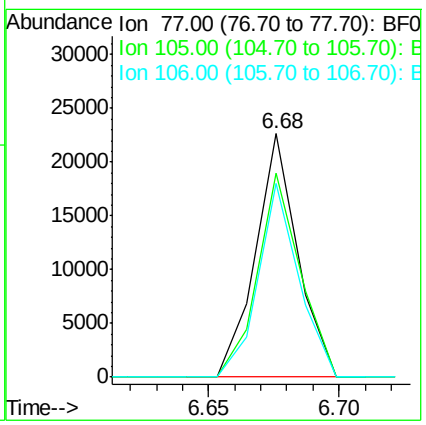


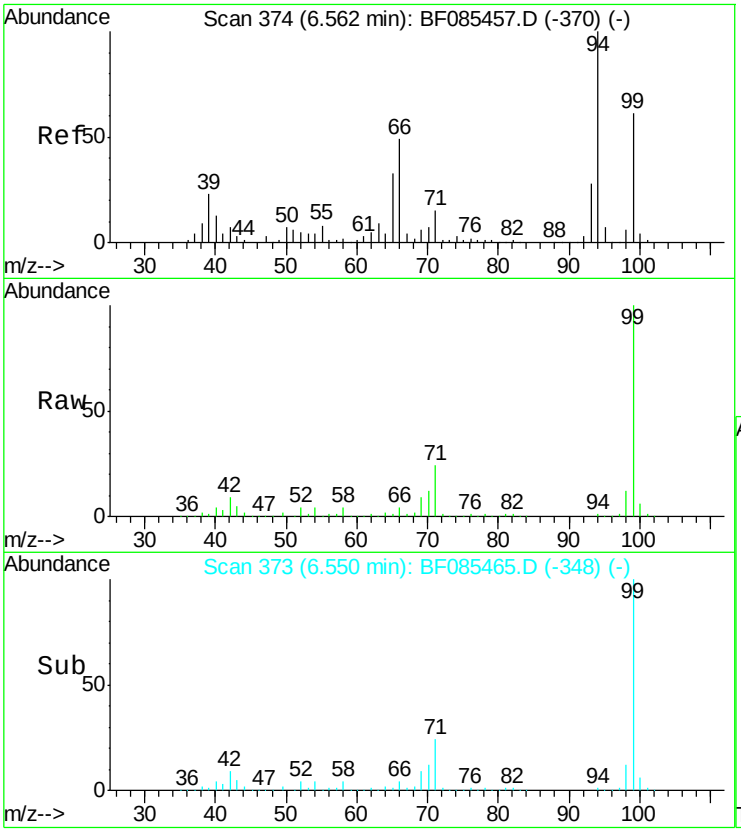


#9
Benzaldehyde
Concen: 4.27 ng
RT: 6.68 min Scan# 384
Delta R.T. 0.22 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 77 Resp: 25496

Ion	Ratio	Lower	Upper
77	100		
105	83.5	78.2	118.2
106	79.5	72.9	112.9



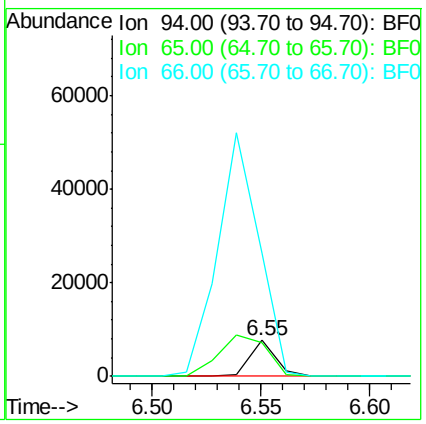


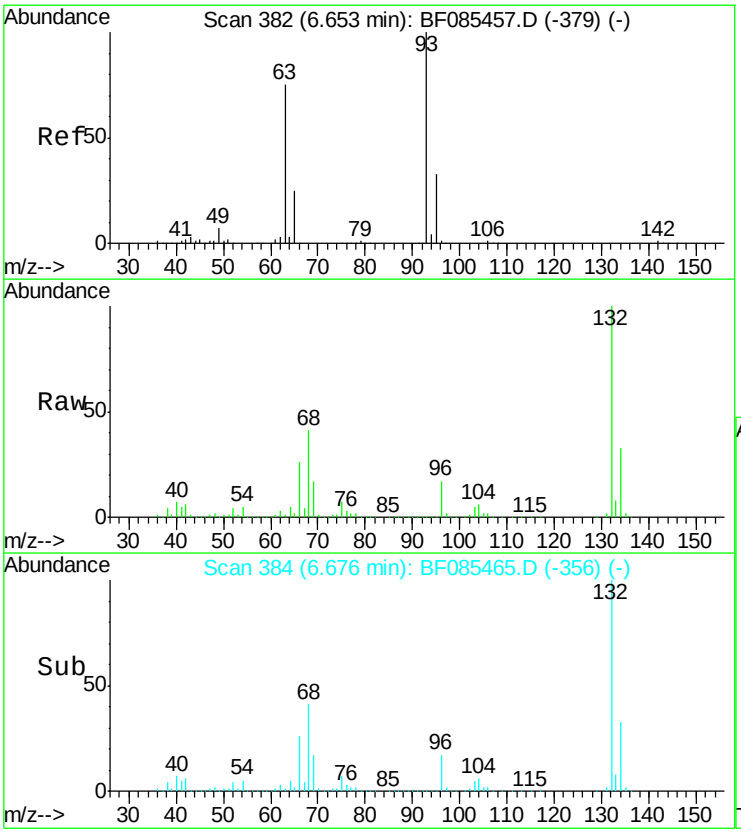
#10
Phenol
Concen: 0.54 ng
RT: 6.55 min Scan# 373
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 6408

Ion	Ratio	Lower	Upper
94	100		
65	92.8	9.1	49.1#
66	345.2	19.3	59.3#

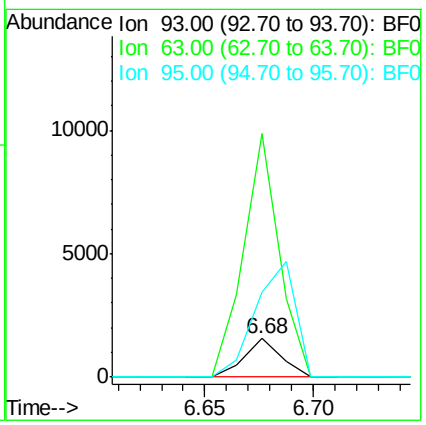


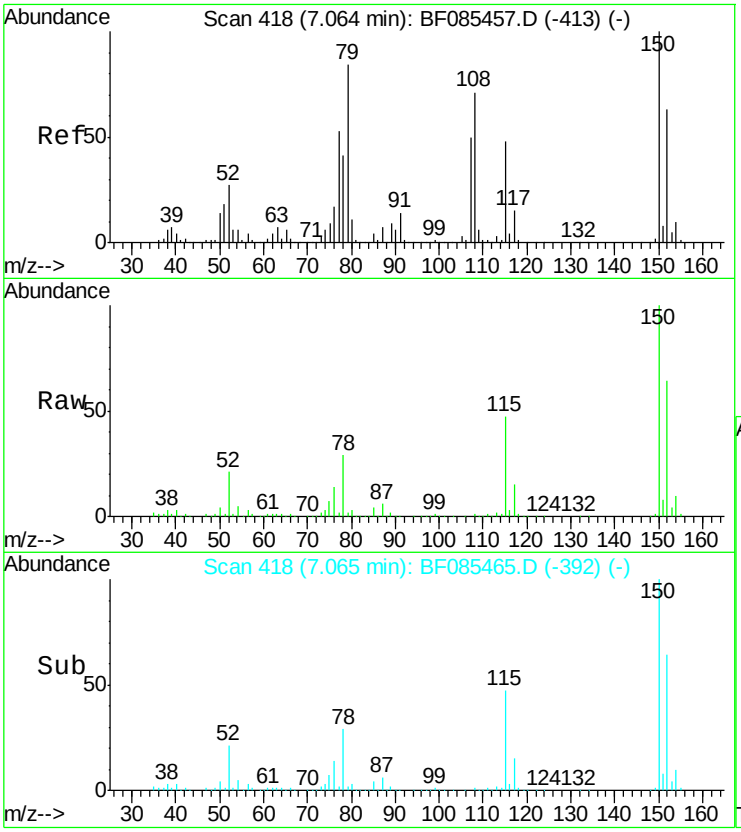


#11
bis(2-Chloroethyl)ether
Concen: 0.20 ng
RT: 6.68 min Scan# 384
Delta R.T. 0.02 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 93 Resp: 1819

Ion	Ratio	Lower	Upper
93	100		
63	630.0	50.9	90.9#
95	221.1	13.7	53.7#



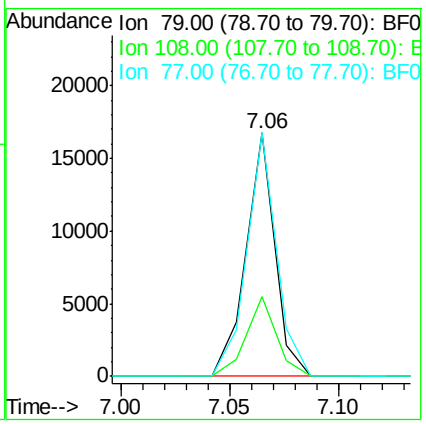


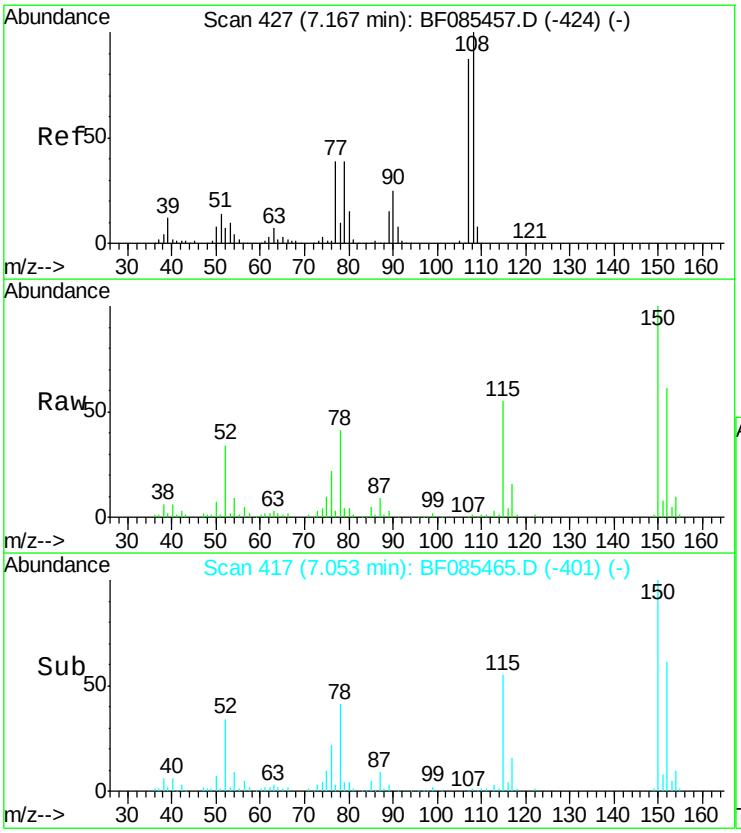
#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 7.06 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 15475

Ion	Ratio	Lower	Upper
79	100		
108	32.8	62.9	94.3#
77	100.2	49.5	74.3#

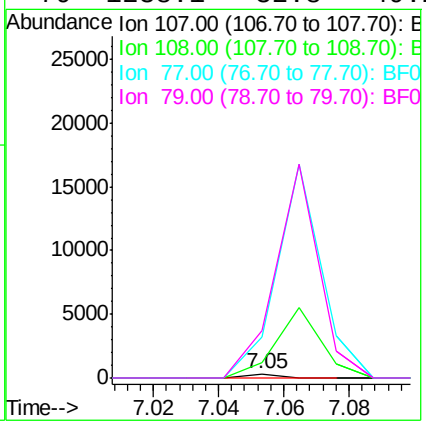


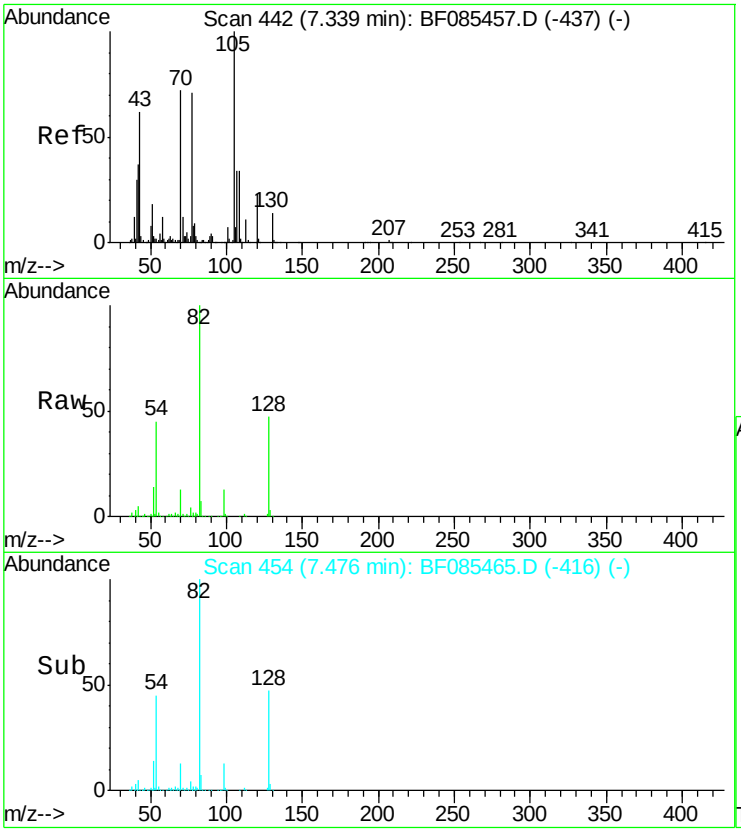


#17
2-Methylphenol
Concen: 0.03 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.11 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:107 Resp: 207

Ion	Ratio	Lower	Upper
107	100		
108	398.3	90.9	136.3#
77	1049.0	32.6	48.8#
79	1238.1	32.8	49.2#



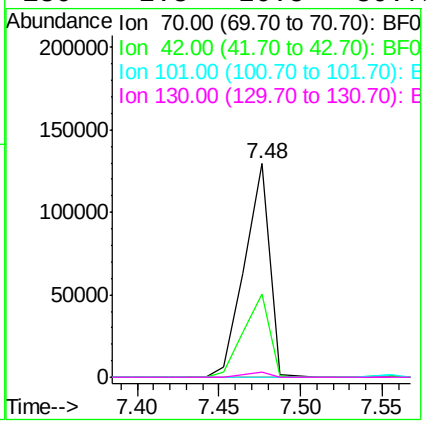


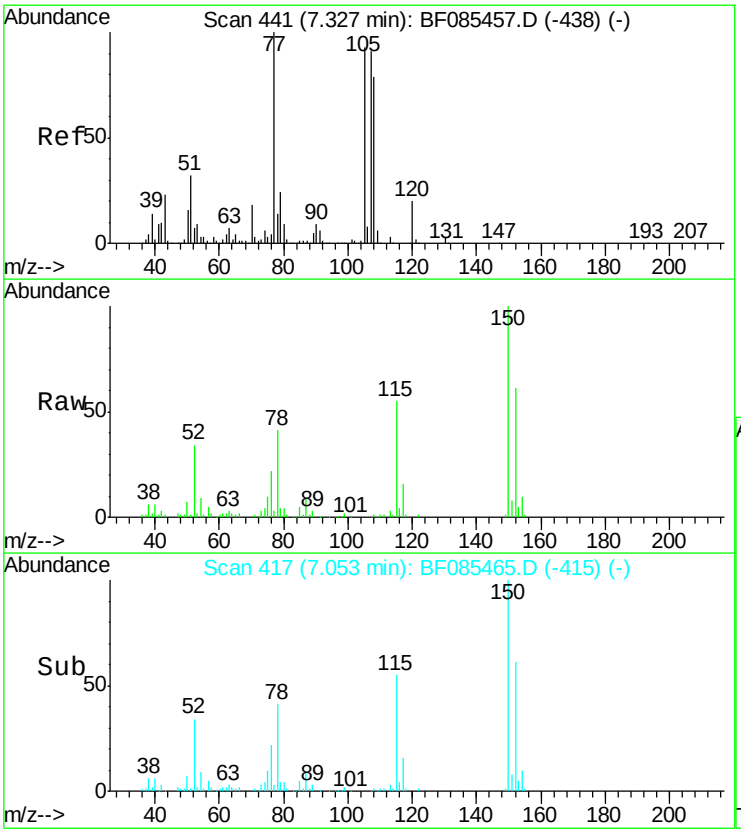
#19
n-Nitroso-di-n-propylamine
Concen: 21.55 ng
RT: 7.48 min Scan# 454
Delta R.T. 0.14 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 137873

Ion	Ratio	Lower	Upper
70	100		
42	39.1	37.7	56.5
101	0.0	8.2	12.4#
130	2.3	20.5	30.7#

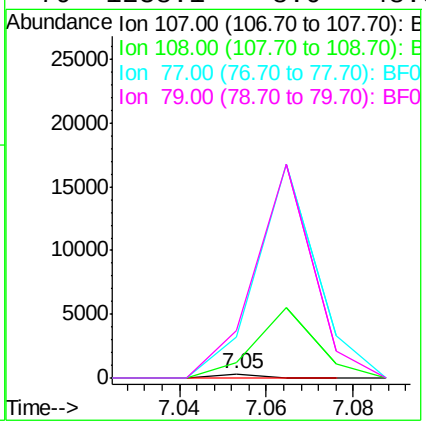


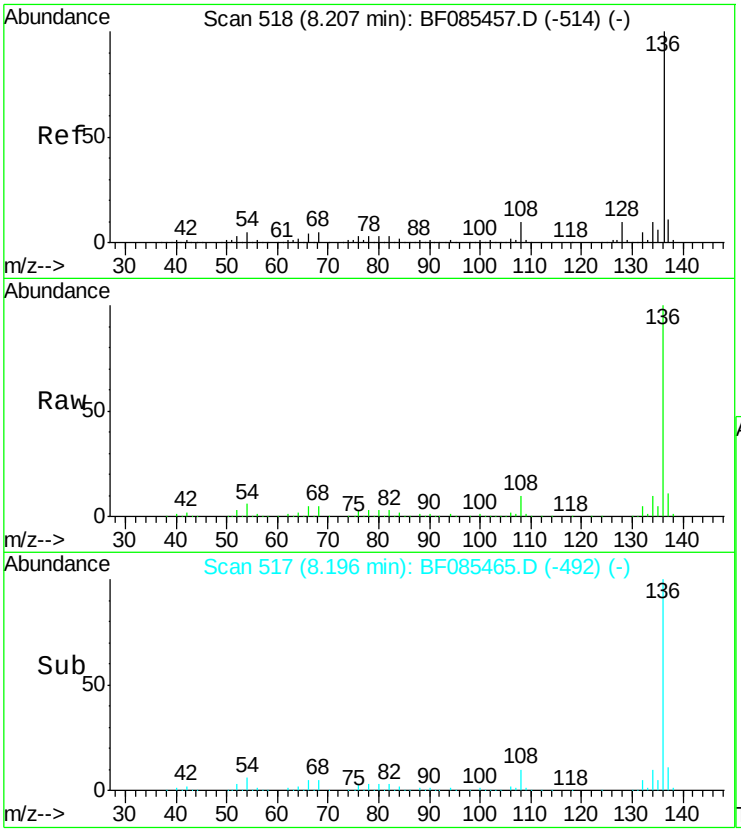


#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.05 min Scan# 417
Delta R.T. -0.27 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:107 Resp: 207

Ion	Ratio	Lower	Upper
107	100		
108	398.3	68.8	108.8#
77	1049.0	53.6	93.6#
79	1238.1	8.0	48.0#



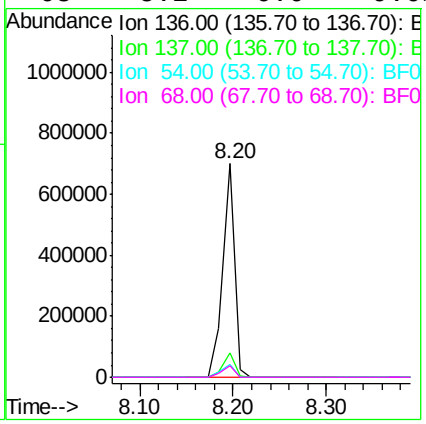


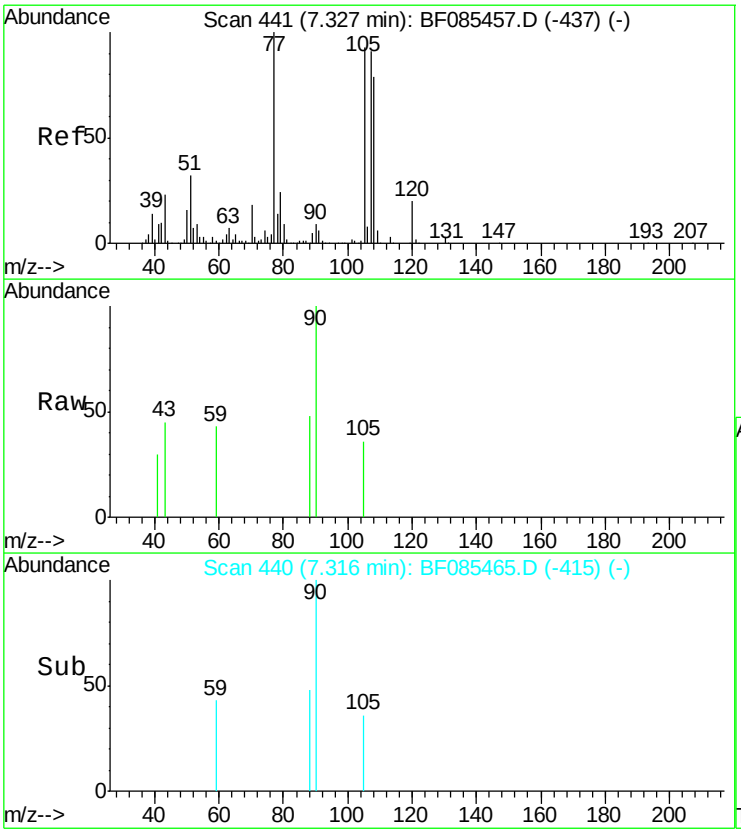
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 613647

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	6.1	7.4	11.2#
68	5.2	6.0	9.0#

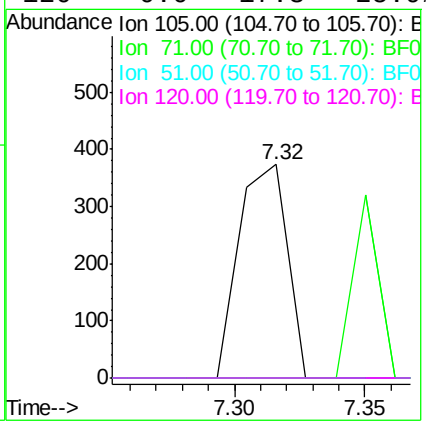


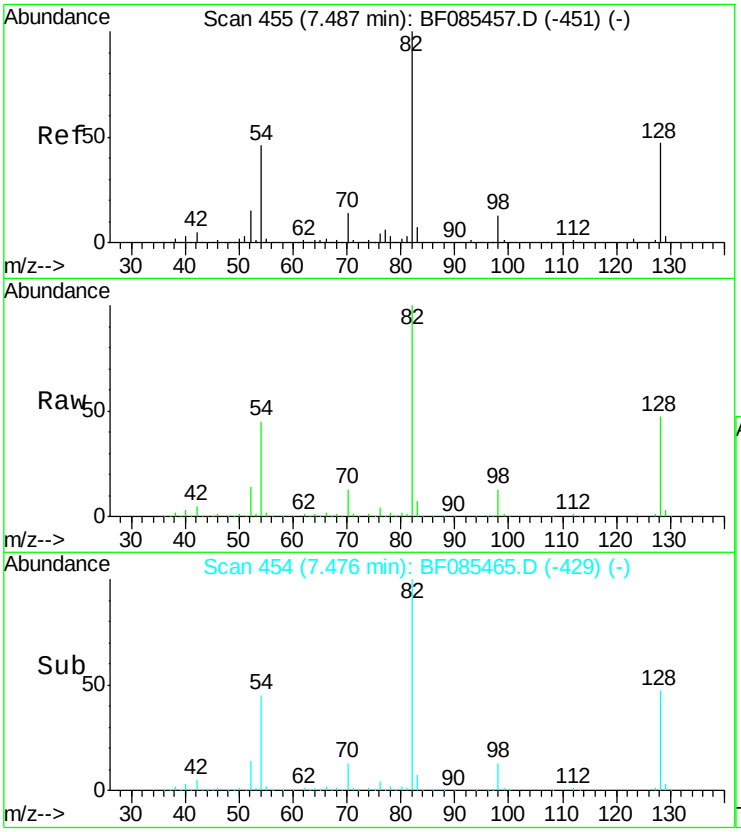


#22
Acetophenone
Concen: 0.03 ng
RT: 7.32 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:105 Resp: 486

Ion	Ratio	Lower	Upper
105	100		
71	0.0	4.1	6.1#
51	0.0	21.1	31.7#
120	0.0	17.3	25.9#



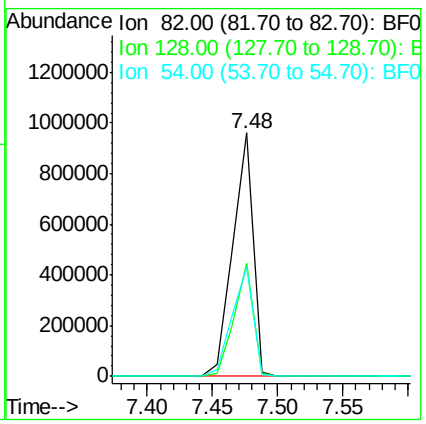


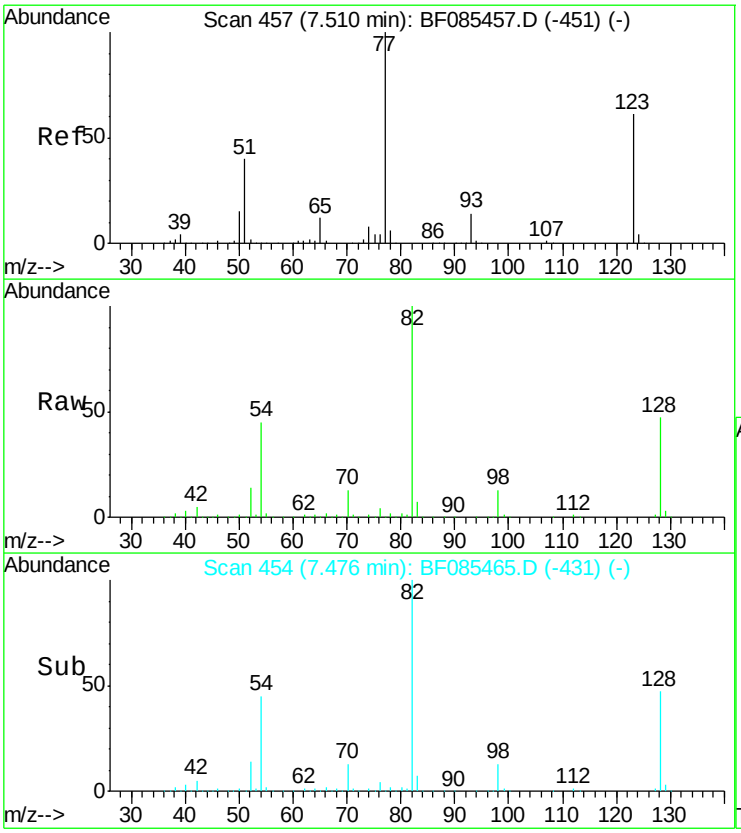
#23
Nitrobenzene-d5
Concen: 98.98 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1027280

Ion	Ratio	Lower	Upper
82	100		
128	46.6	34.5	51.7
54	45.0	39.3	58.9

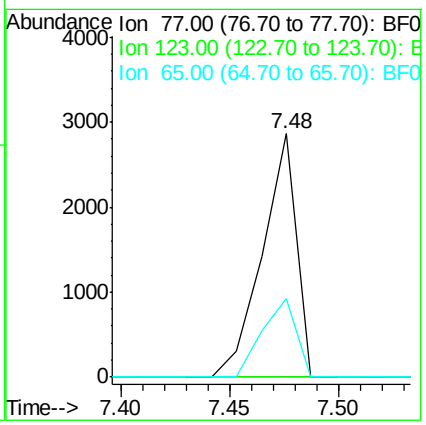


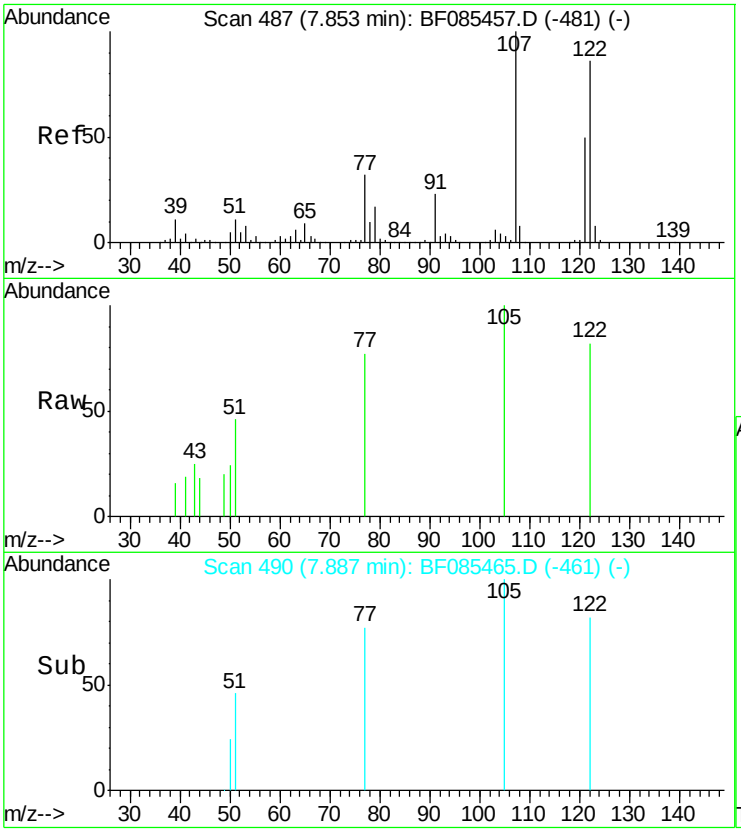


#24
Nitrobenzene
Concen: 0.27 ng
RT: 7.48 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 77 Resp: 3153

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.4	53.2#
65	32.3	10.6	16.0#



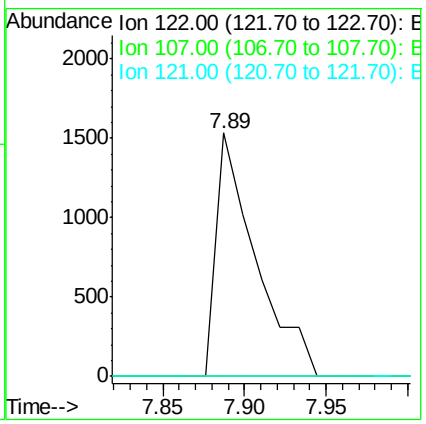


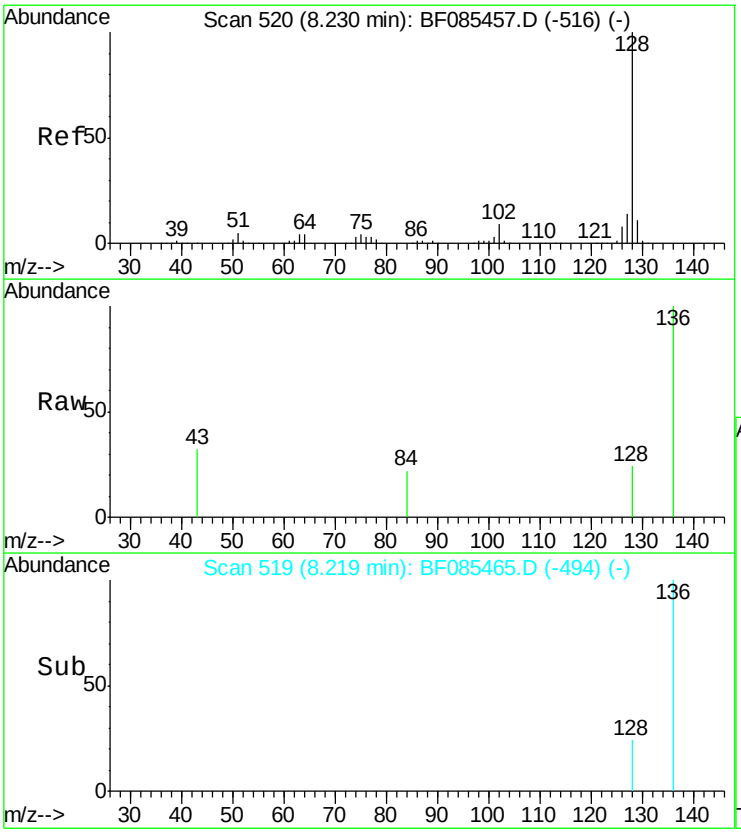
#27
2,4-Dimethylphenol
Concen: 0.26 ng
RT: 7.89 min Scan# 490
Delta R.T. 0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2598

Ion	Ratio	Lower	Upper
122	100		
107	0.0	84.8	127.2#
121	0.0	47.0	70.6#

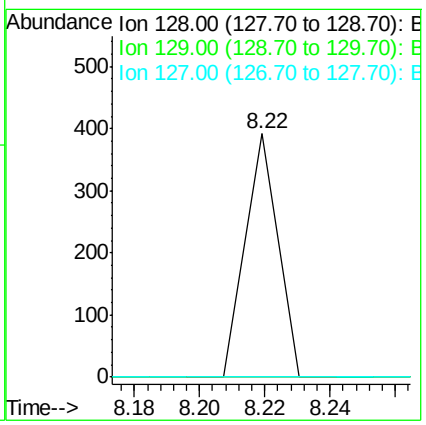


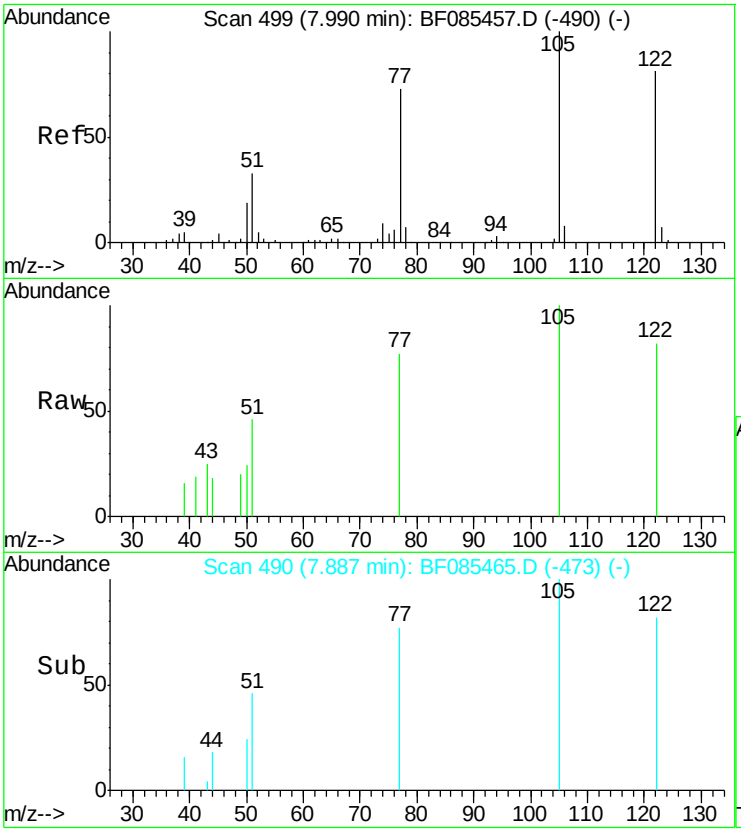


#31
Naphthalene
Concen: 0.01 ng
RT: 8.22 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:128 Resp: 269

Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.7	14.5#
127	0.0	11.2	16.8#

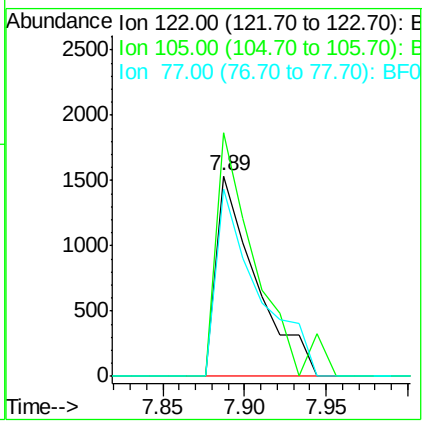




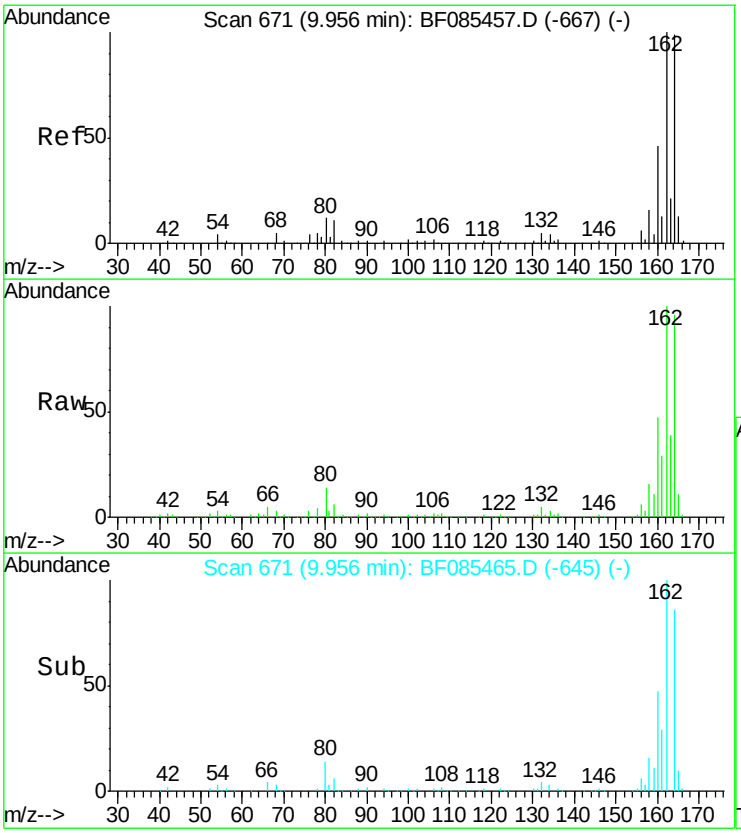
#32
Benzoic acid
Concen: 0.45 ng
RT: 7.89 min Scan# 490
Delta R.T. -0.10 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:122 Resp: 2598

Ion	Ratio	Lower	Upper
122	100		
105	121.6	101.3	141.3
77	93.4	74.7	114.7



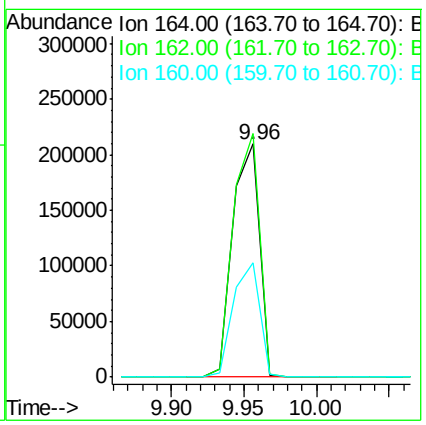
Instrument :
BNA_F
ClientSampleId :

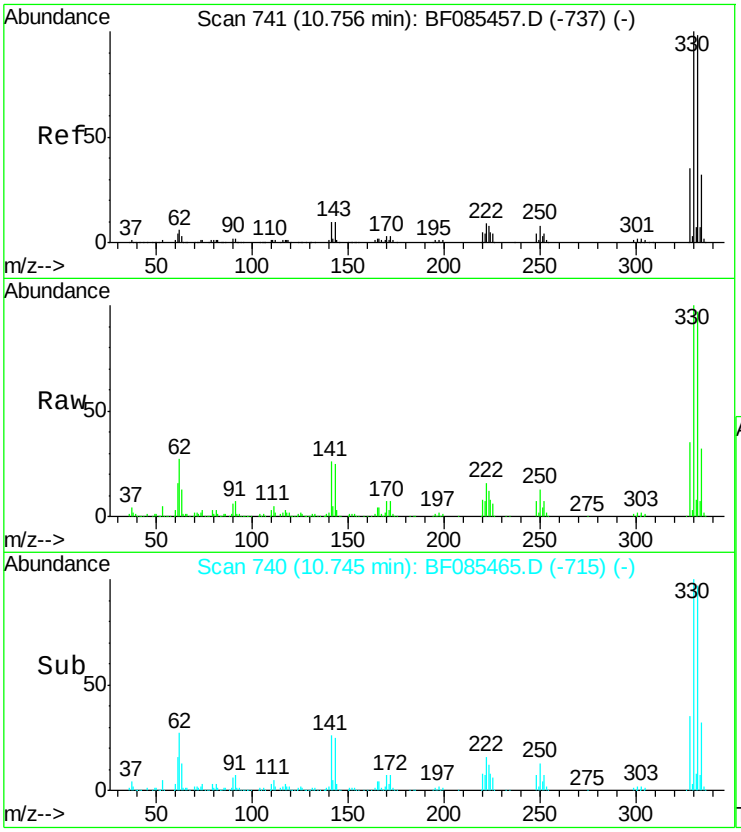


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:164 Resp: 268634

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.3	124.9
160	49.0	37.9	56.9



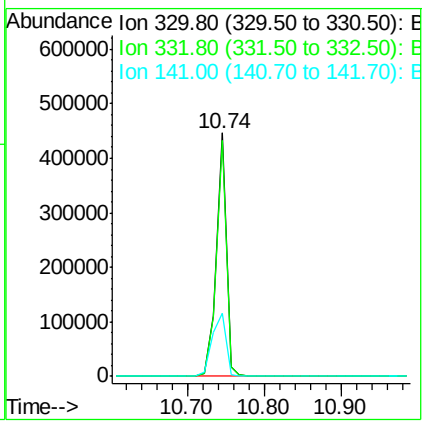


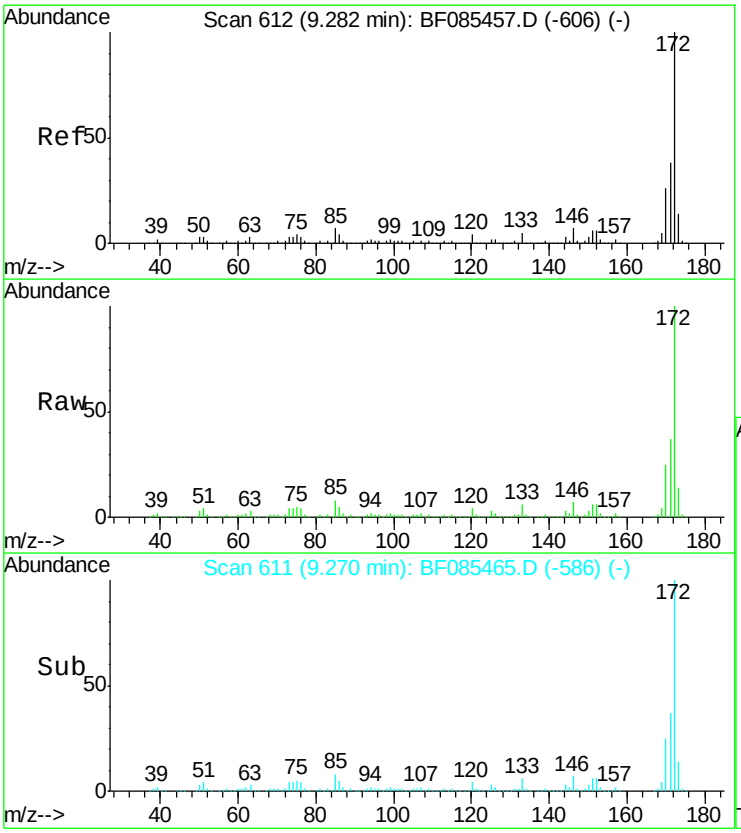
#41
2,4,6-Tribromophenol
Concen: 162.81 ng
RT: 10.74 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 402825

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	35.5	35.0	52.6

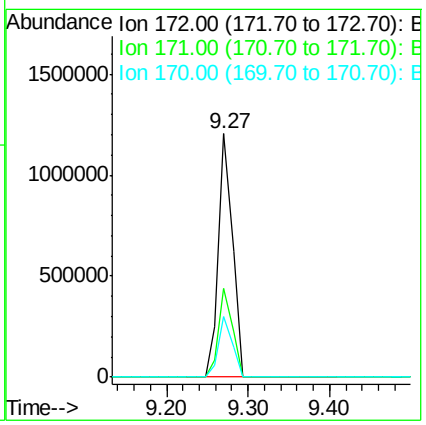


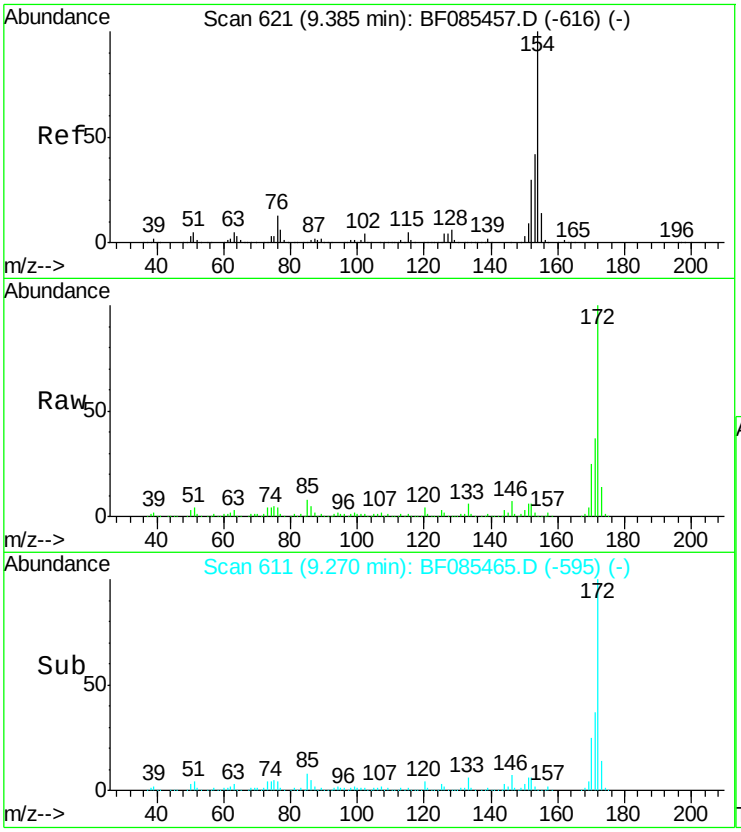


#44
2-Fluorobiphenyl
Concen: 92.86 ng
RT: 9.27 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:172 Resp: 1437875

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.3	43.9
170	24.9	20.0	30.0



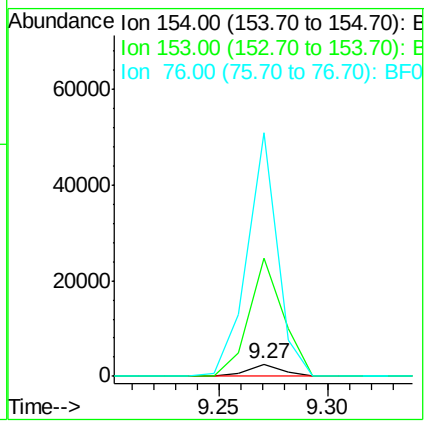


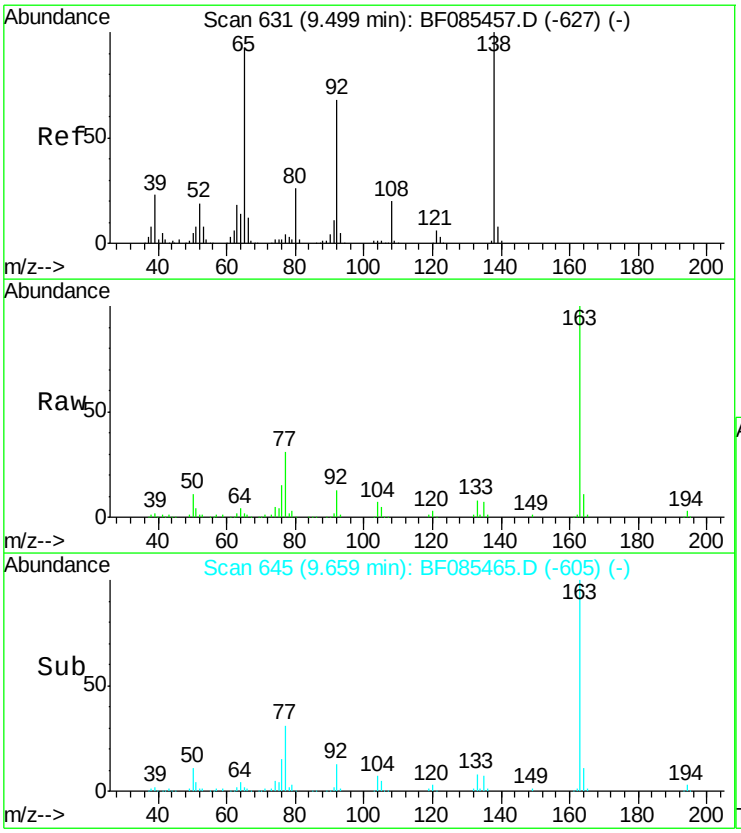
#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 9.27 min Scan# 611
Delta R.T. -0.11 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 2709

Ion	Ratio	Lower	Upper
154	100		
153	989.6	21.4	61.4#
76	2027.6	0.0	37.5#

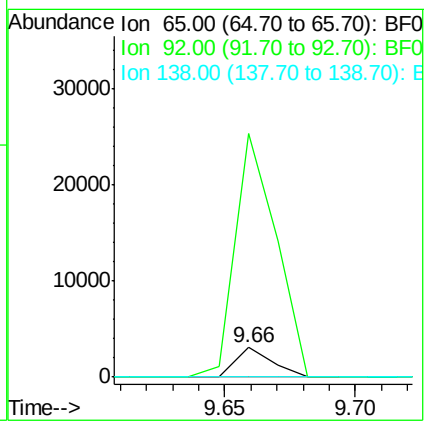


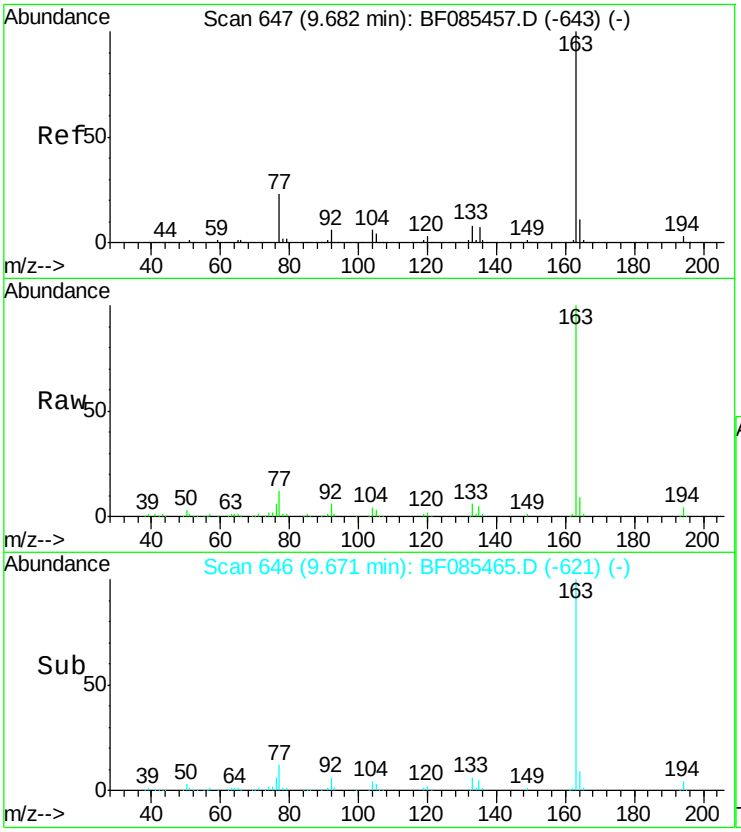


#47
2-Nitroaniline
Concen: 0.60 ng
RT: 9.66 min Scan# 645
Delta R.T. 0.16 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion: 65 Resp: 2979

Ion	Ratio	Lower	Upper
65	100		
92	826.6	55.4	83.2#
138	0.0	75.7	113.5#



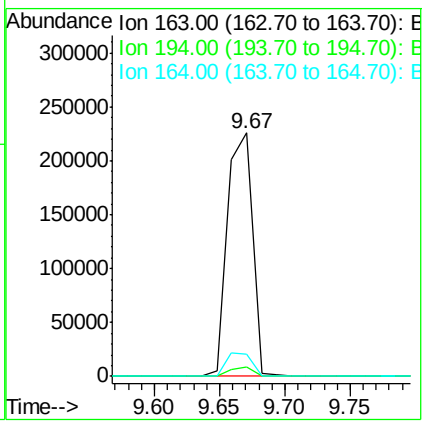


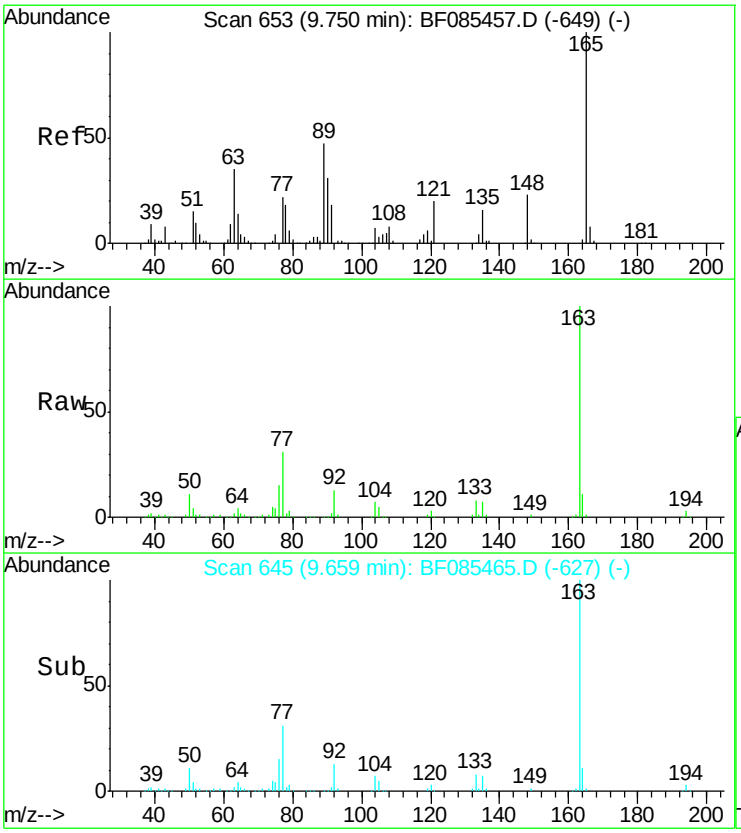
#49
Dimethylphthalate
Concen: 15.31 ng
RT: 9.67 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 300000

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.3	8.2	12.4

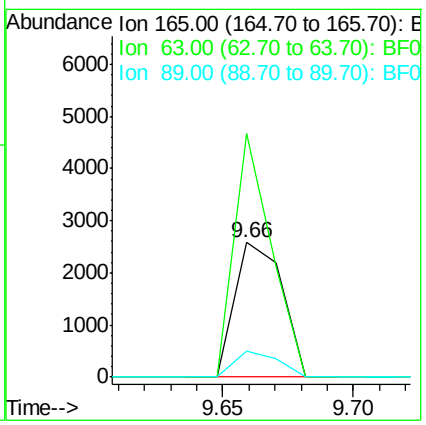


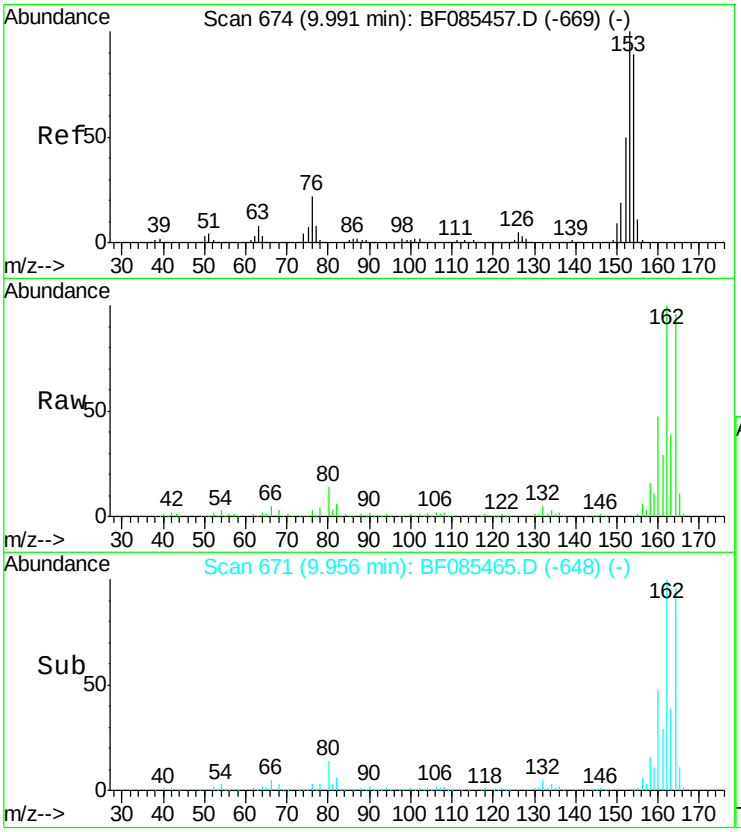


#50
2,6-Dinitrotoluene
Concen: 0.76 ng
RT: 9.66 min Scan# 645
Delta R.T. -0.09 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:165 Resp: 3276

Ion	Ratio	Lower	Upper
165	100		
63	181.1	41.8	62.8#
89	19.4	46.7	70.1#



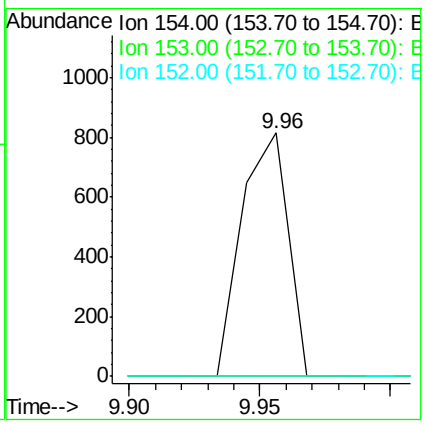


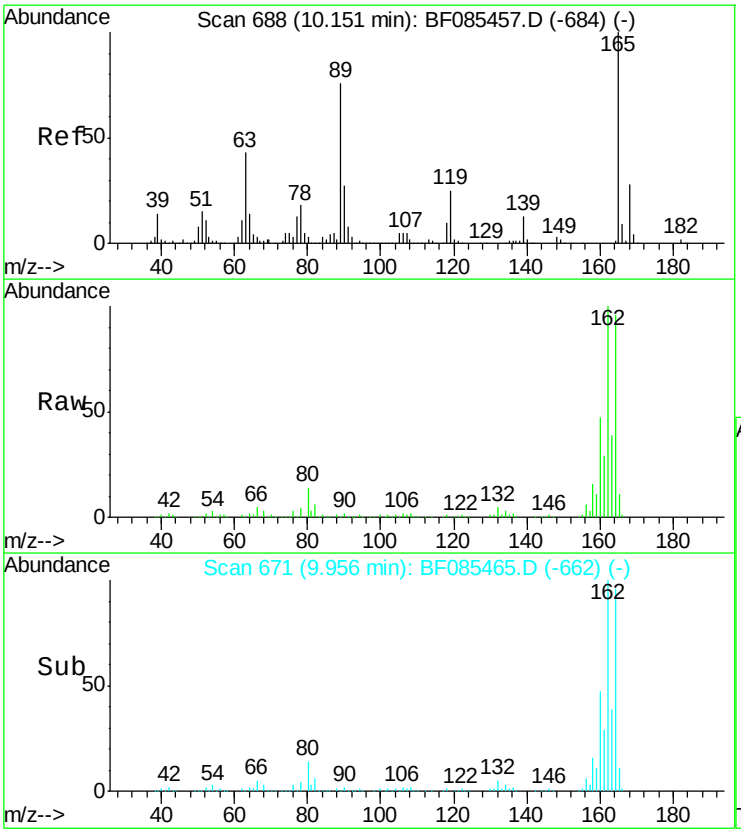
#51
Acenaphthene
Concen: 0.06 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1006

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.8	134.8#
152	0.0	44.6	66.8#

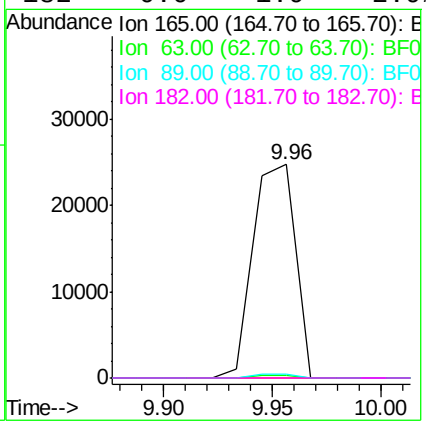


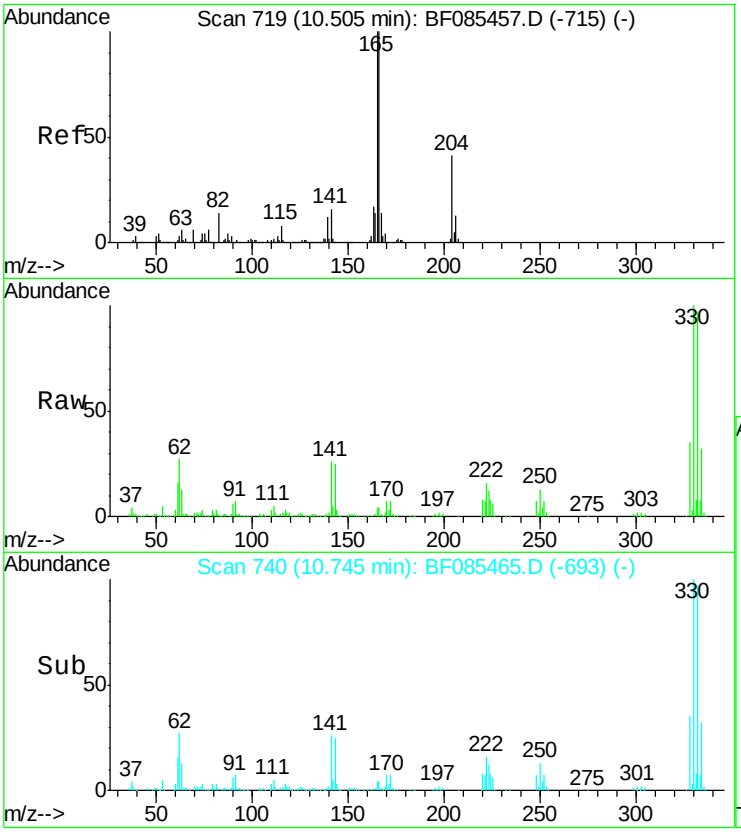


#56
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.96 min Scan# 671
Delta R.T. -0.19 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:165 Resp: 33727

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	2.0	61.9	92.9#
182	0.0	1.9	2.9#



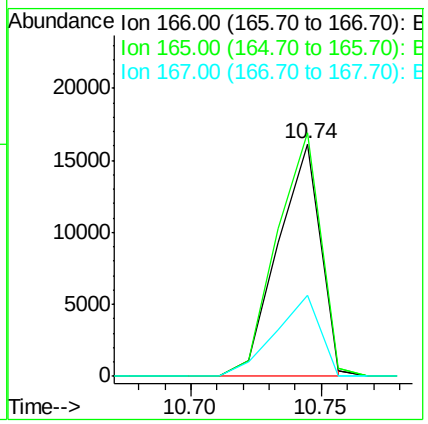


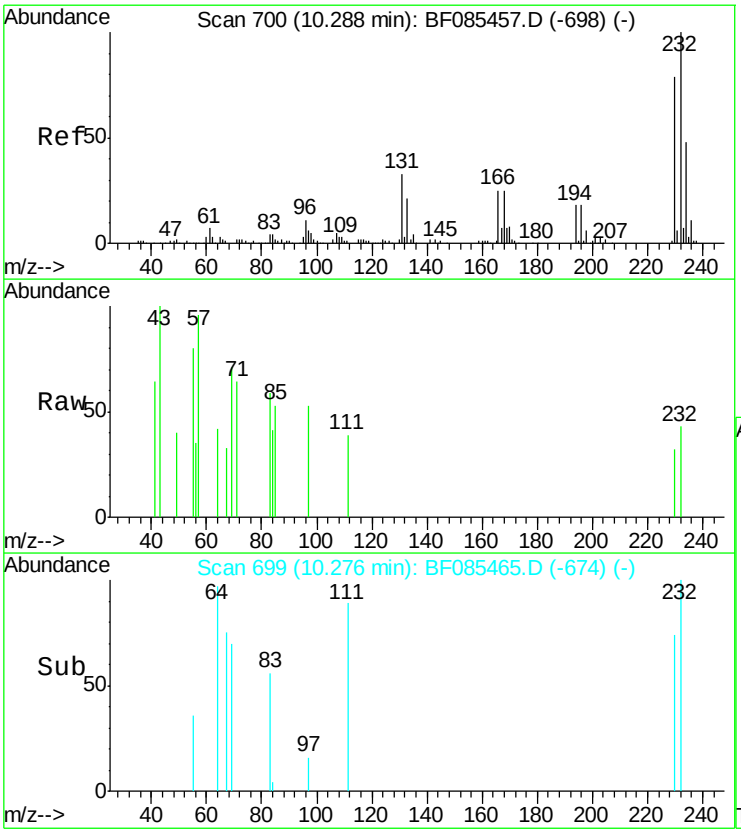
#57
Fluorene
Concen: 1.13 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.24 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:166 Resp: 18482

Ion	Ratio	Lower	Upper
166	100		
165	104.9	79.4	119.0
167	35.1	11.0	16.6#

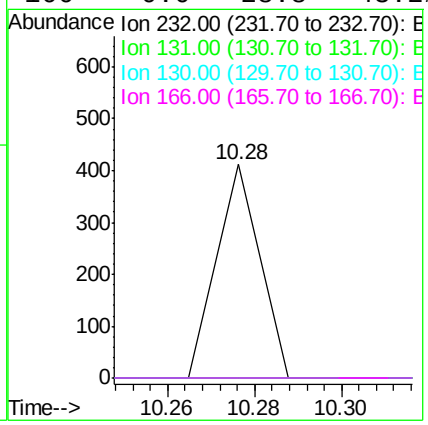


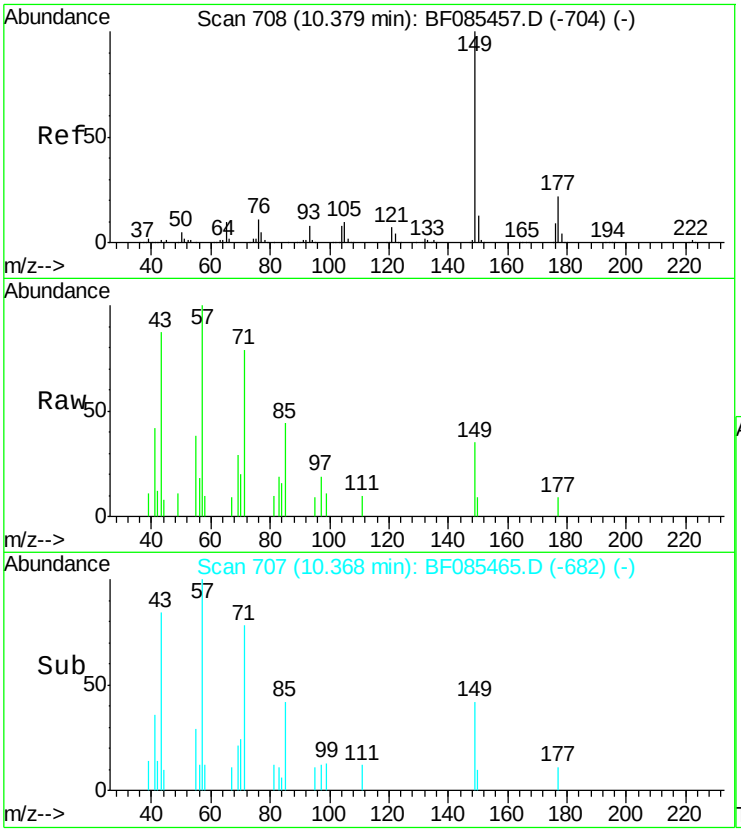


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.07 ng
RT: 10.28 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:232 Resp: 282

Ion	Ratio	Lower	Upper
232	100		
131	0.0	46.0	69.0#
130	0.0	2.2	3.4#
166	0.0	28.8	43.2#



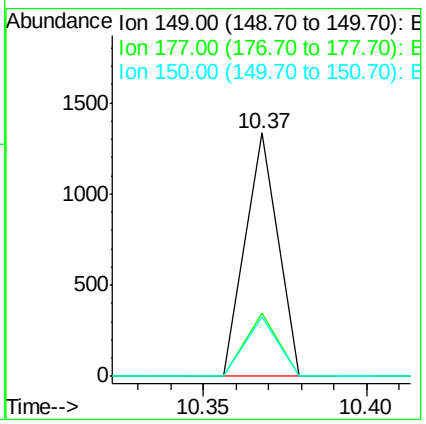


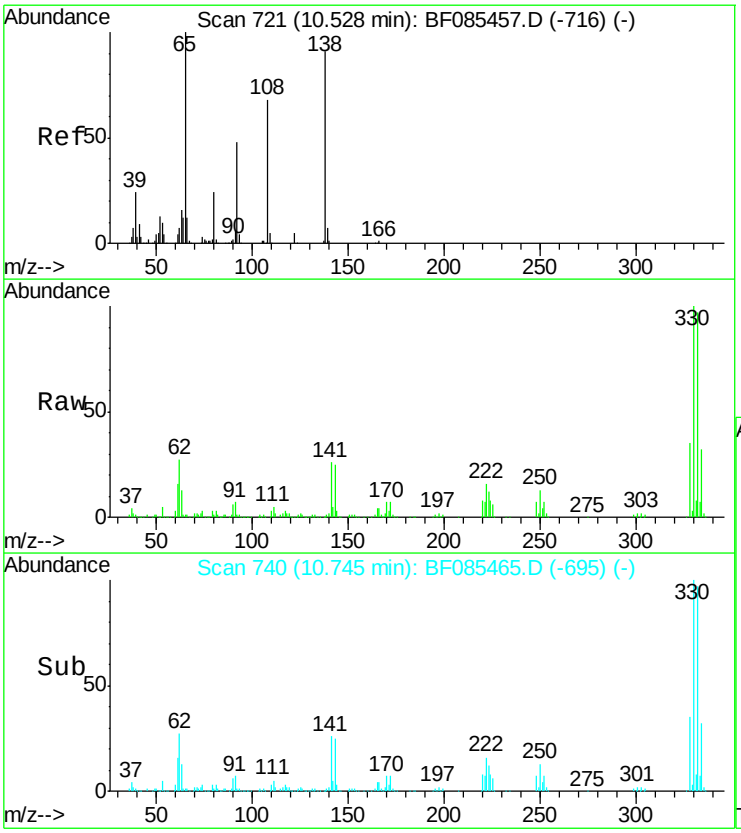
#59
Diethylphthalate
Concen: 0.05 ng
RT: 10.37 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 915

Ion	Ratio	Lower	Upper
149	100		
177	26.1	19.2	28.8
150	24.1	9.9	14.9#

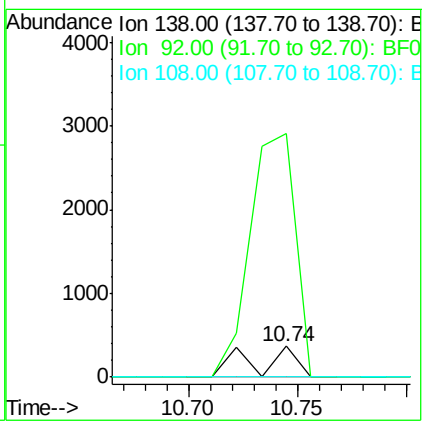


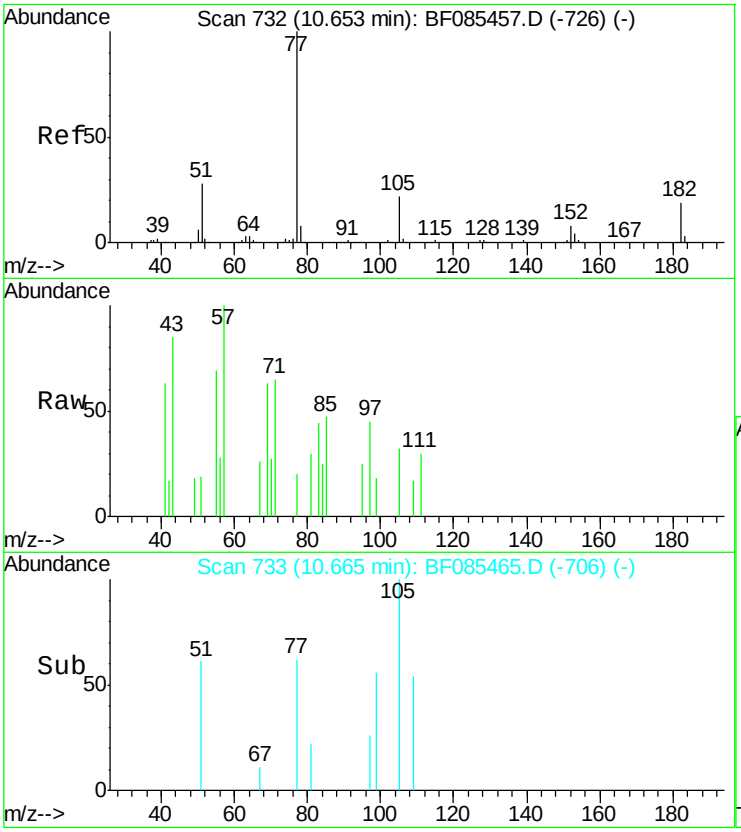


#61
4-Nitroaniline
Concen: 0.10 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.22 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:138 Resp: 493

Ion	Ratio	Lower	Upper
138	100		
92	792.4	34.2	74.2#
108	0.0	53.9	93.9#



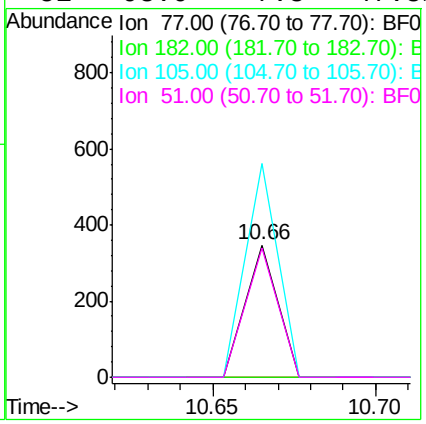


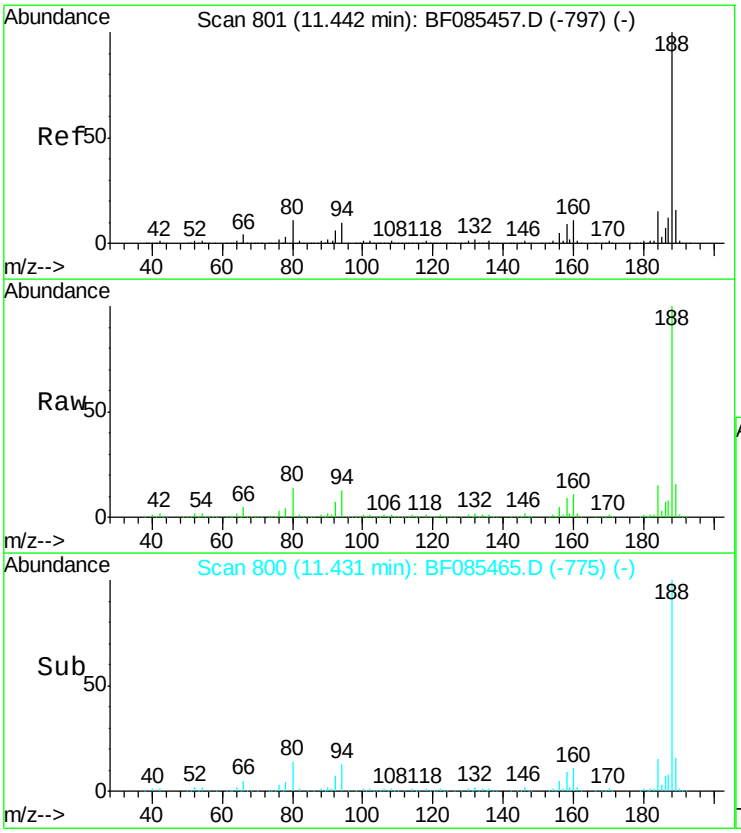
#62
Azobenzene
Concen: 0.01 ng
RT: 10.66 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 238

Ion	Ratio	Lower	Upper
77	100		
182	0.0	2.1	42.1#
105	161.7	3.8	43.8#
51	98.0	7.8	47.8#

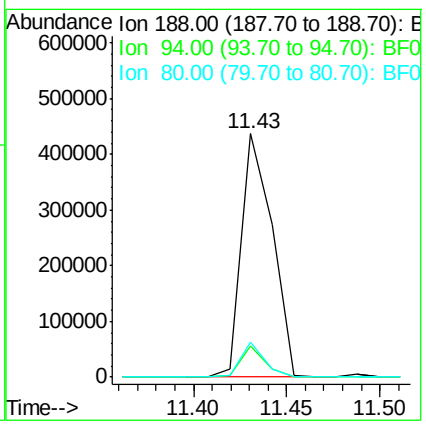


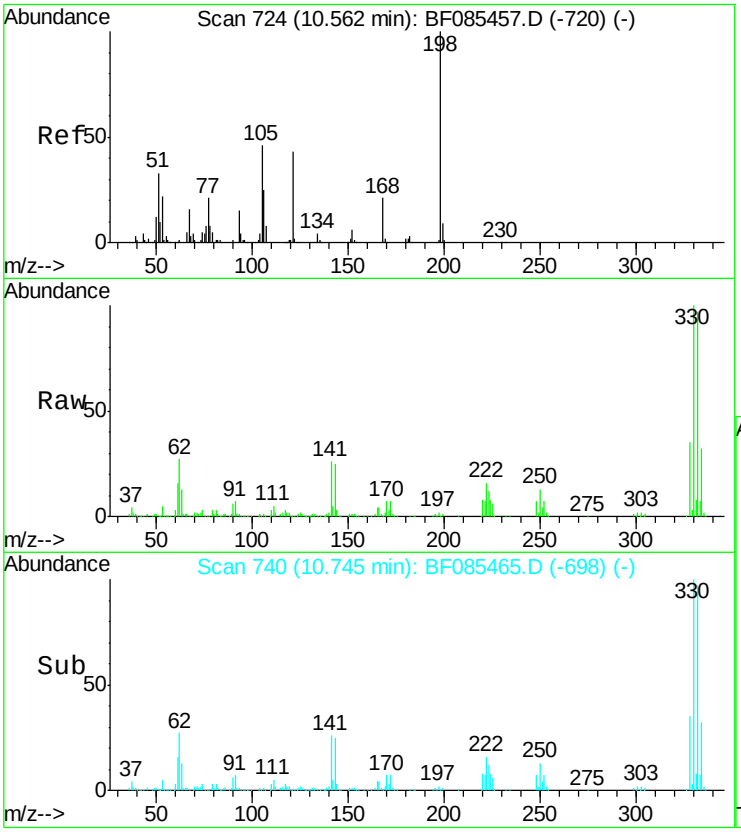


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:188 Resp: 500796

Ion	Ratio	Lower	Upper
188	100		
94	13.0	7.0	10.6#
80	14.1	7.4	11.0#



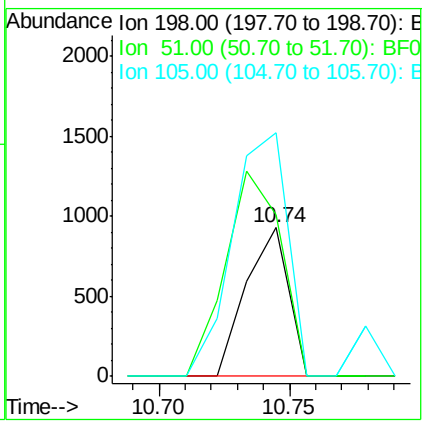


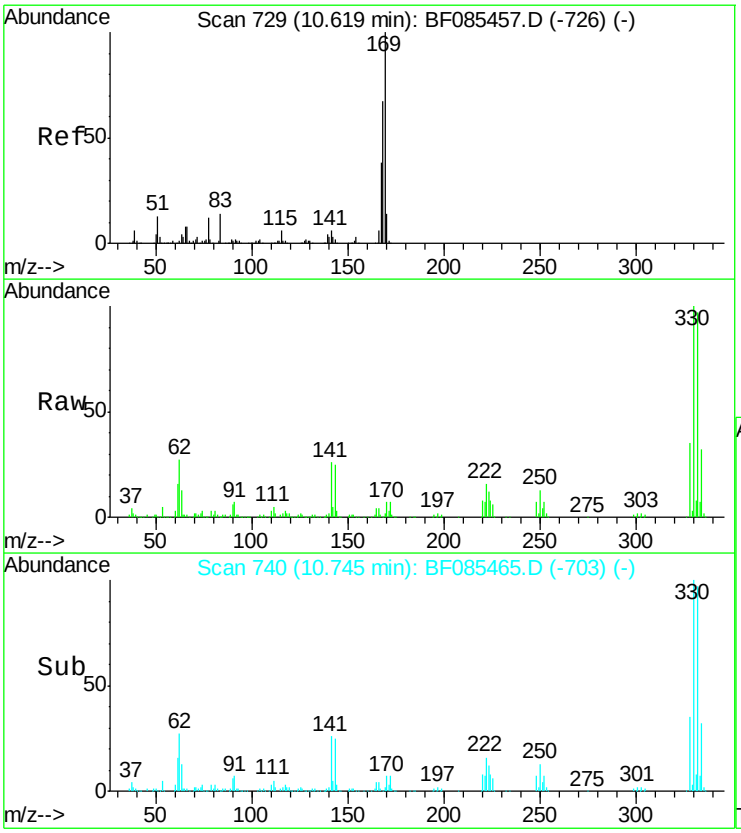
#64
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.18 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:198 Resp: 1046

Ion	Ratio	Lower	Upper
198	100		
51	108.7	9.5	49.5#
105	164.0	20.5	60.5#

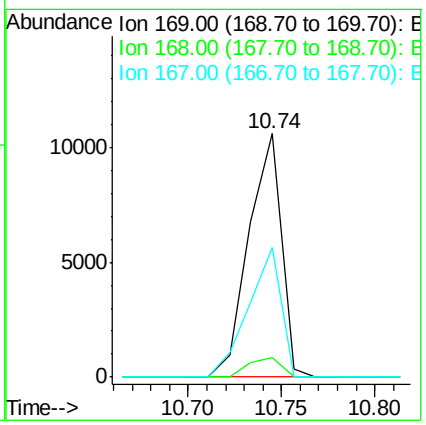


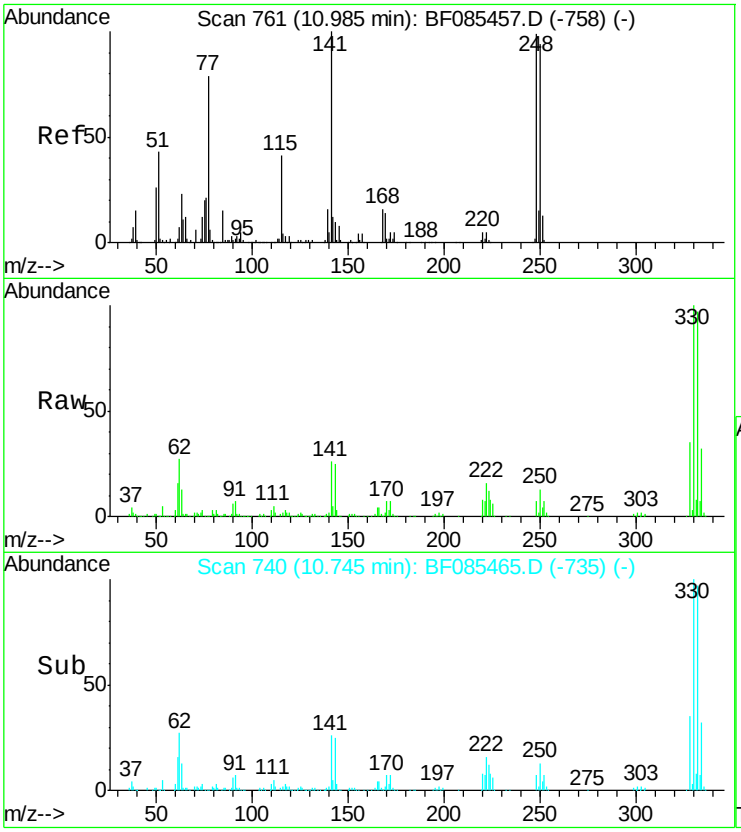


#65
n-Nitrosodiphenylamine
Concen: 0.83 ng
RT: 10.74 min Scan# 740
Delta R.T. 0.13 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:169 Resp: 12804

Ion	Ratio	Lower	Upper
169	100		
168	7.9	54.8	82.2#
167	53.3	30.3	45.5#



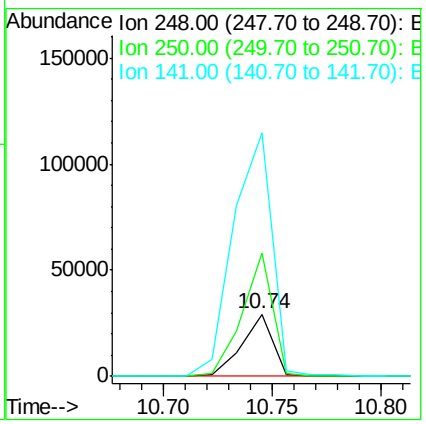


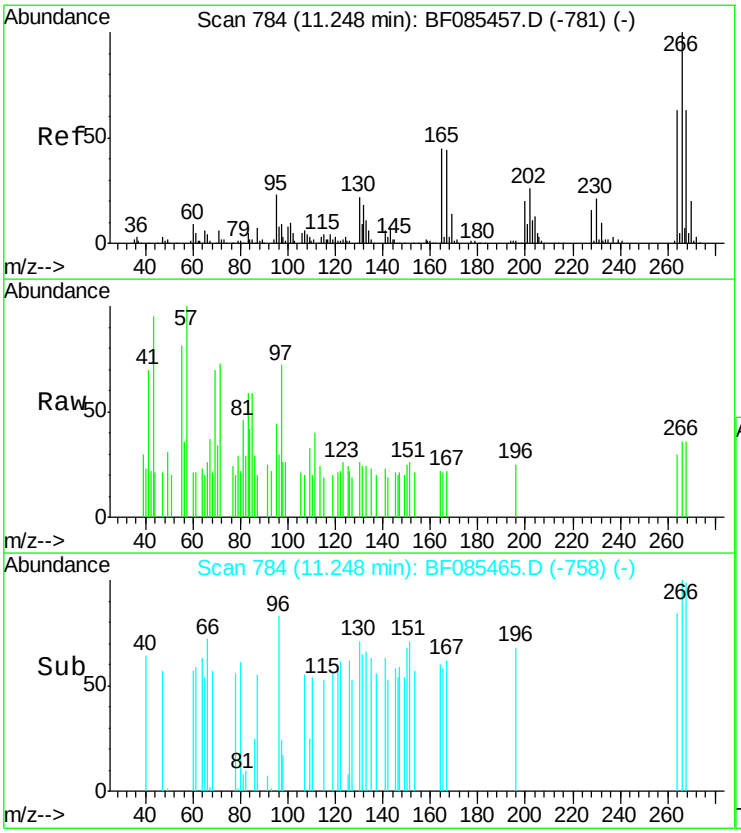
#66
4-Bromophenyl-phenylether
Concen: 5.62 ng
RT: 10.74 min Scan# 740
Delta R.T. -0.24 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 28496

Ion	Ratio	Lower	Upper
248	100		
250	199.9	77.1	115.7#
141	393.1	66.2	99.2#

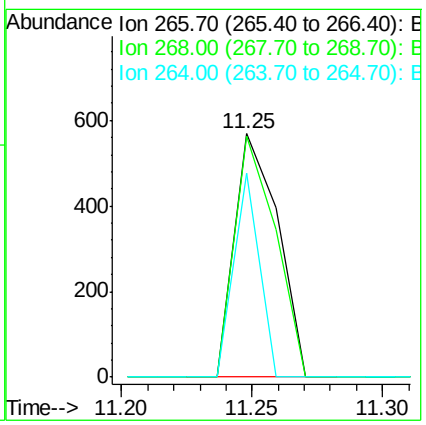


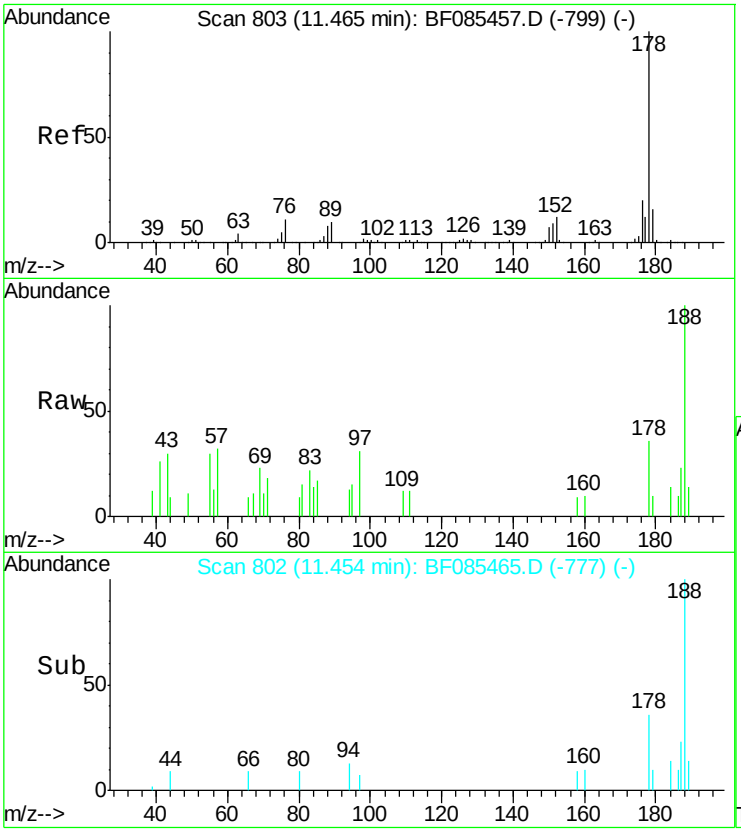


#69
Pentachlorophenol
Concen: 0.24 ng
RT: 11.25 min Scan# 784
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:266 Resp: 661

Ion	Ratio	Lower	Upper
266	100		
268	99.1	50.0	75.0#
264	83.8	51.4	77.2#



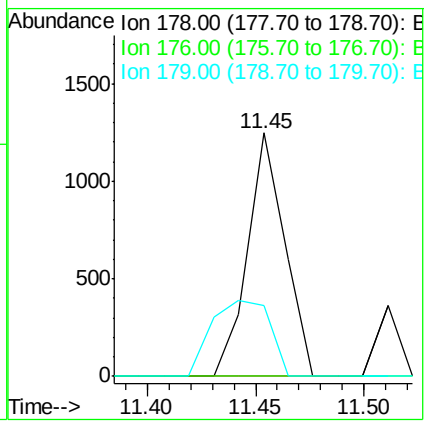


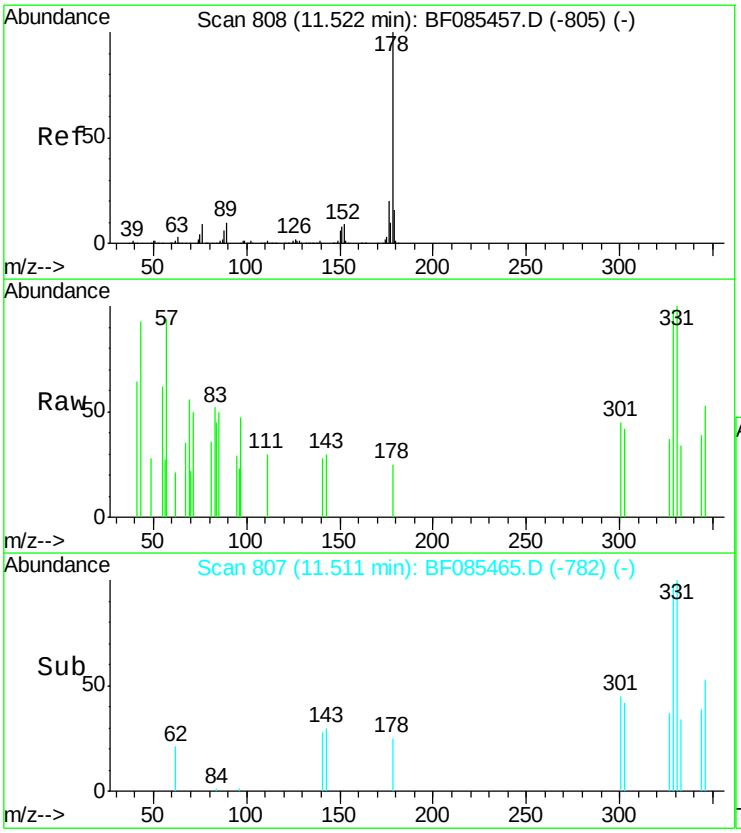
#70
Phenanthrene
Concen: 0.06 ng
RT: 11.45 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 1484

Ion	Ratio	Lower	Upper
178	100		
176	0.0	16.8	25.2#
179	28.9	13.1	19.7#

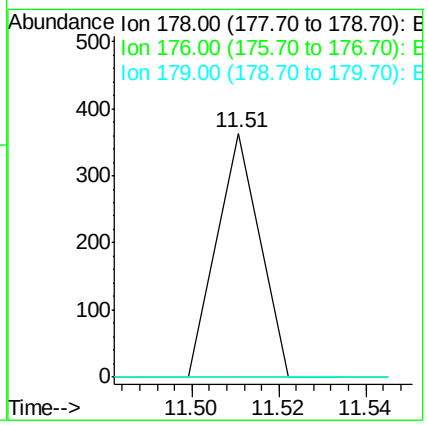


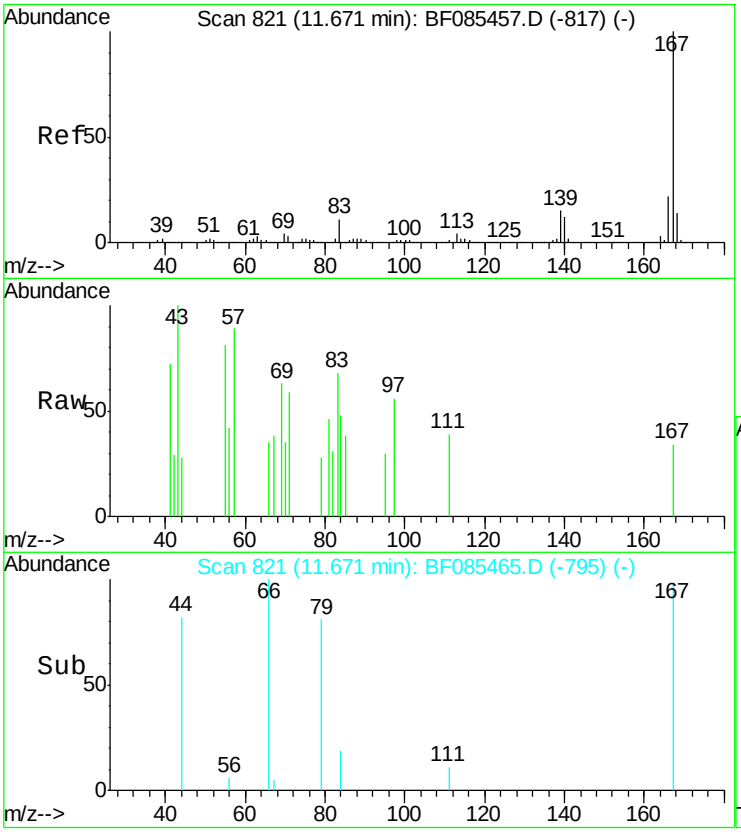


#71
Anthracene
Concen: 0.01 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:178 Resp: 249

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.9	23.9#
179	0.0	12.5	18.7#



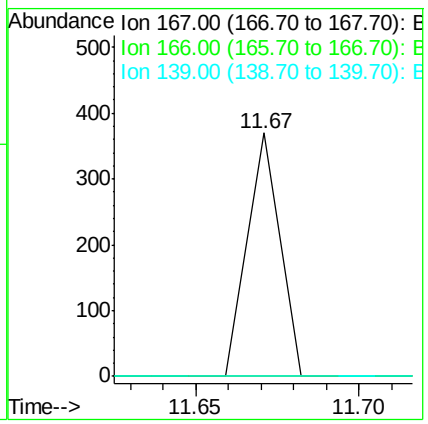


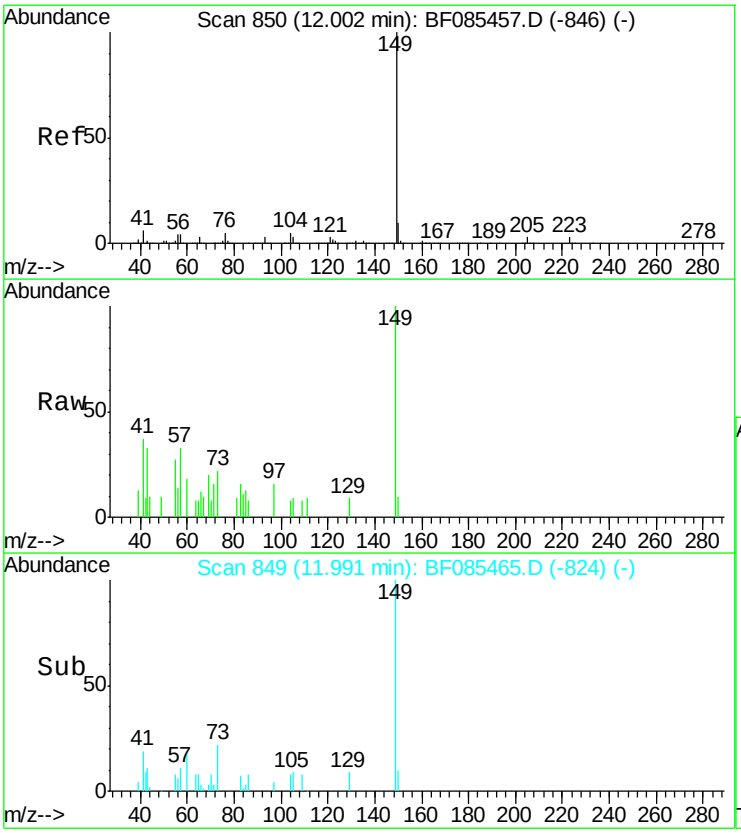
#72
Carbazole
Concen: 0.01 ng
RT: 11.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:167 Resp: 254

Ion	Ratio	Lower	Upper
167	100		
166	0.0	18.2	27.2#
139	0.0	11.4	17.0#

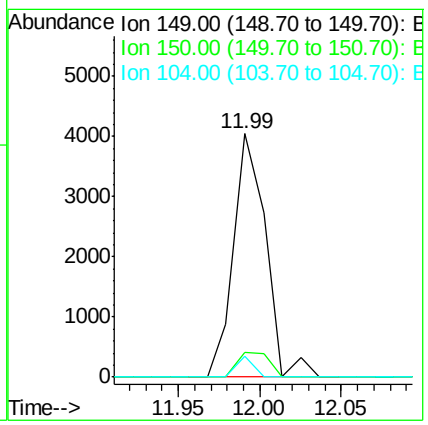


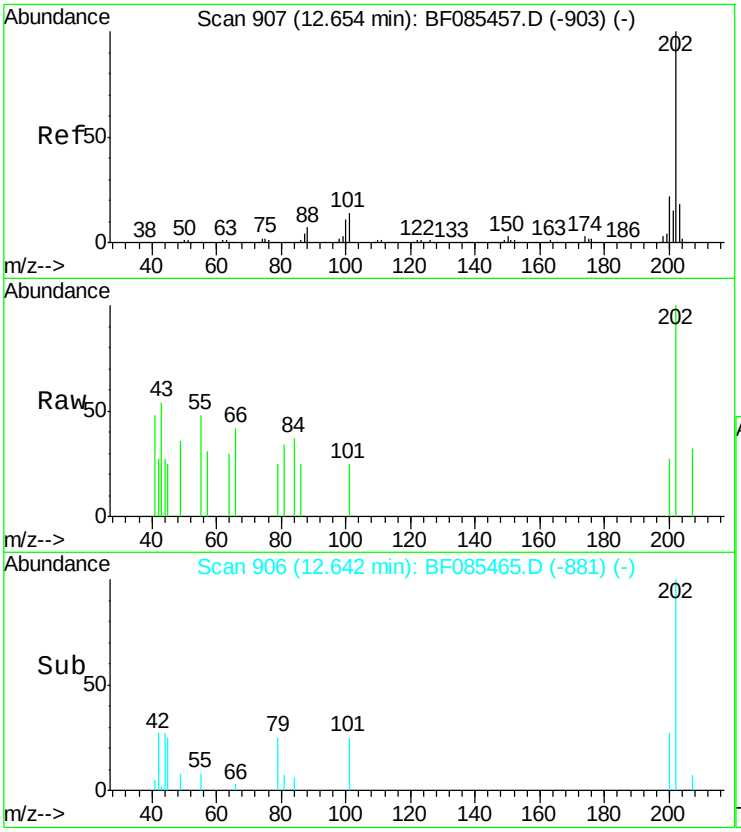


#73
Di-n-butylphthalate
Concen: 0.20 ng
RT: 11.99 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:149 Resp: 5463

Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	8.4	4.7	7.1#



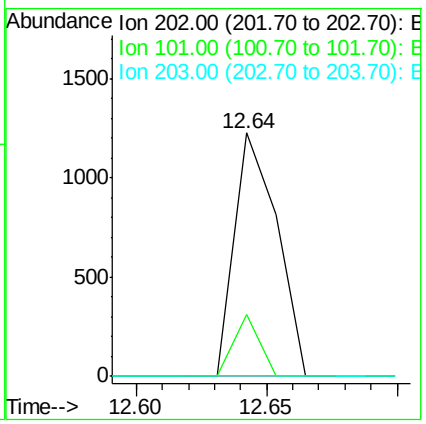


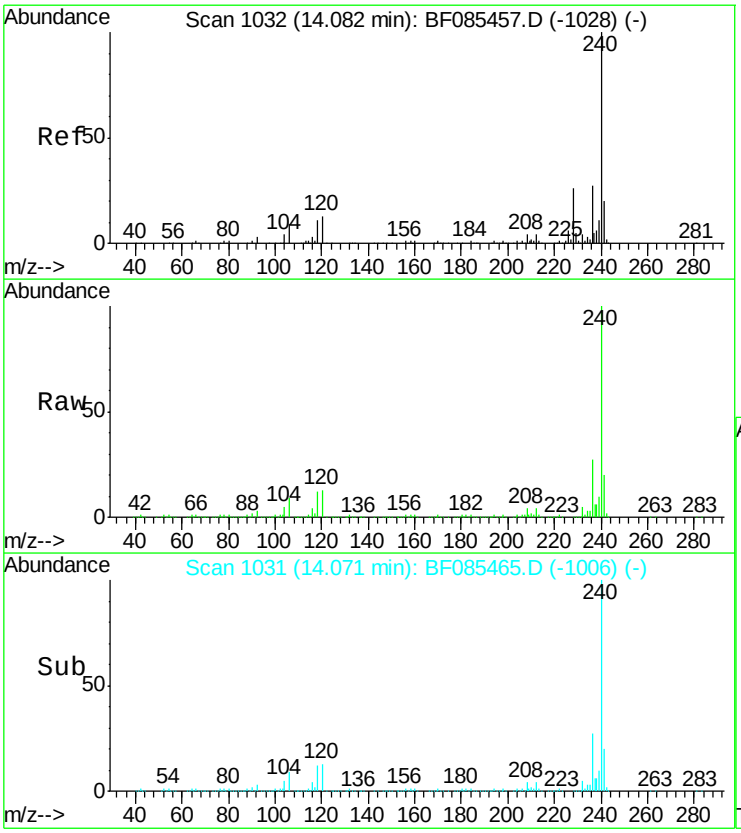
#74
Fluoranthene
Concen: 0.06 ng
RT: 12.64 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 1399

Ion	Ratio	Lower	Upper
202	100		
101	25.4	0.0	31.8
203	0.0	0.0	38.4

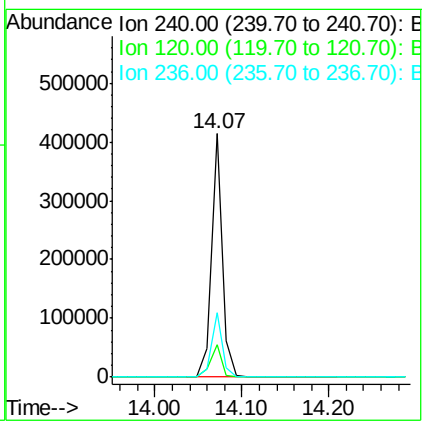


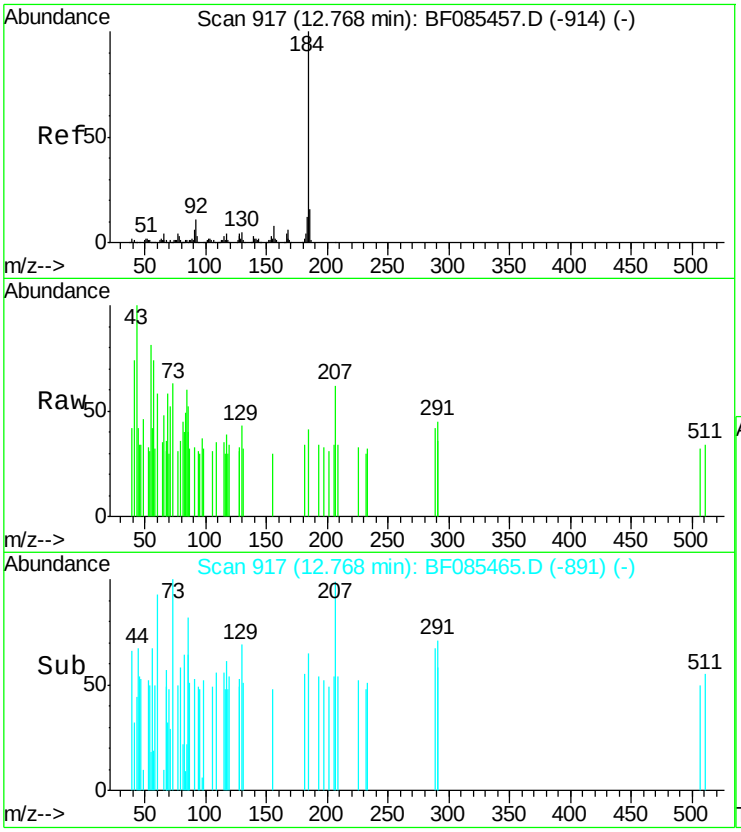


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:240 Resp: 365724

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.3	7.9#
236	26.5	20.7	31.1



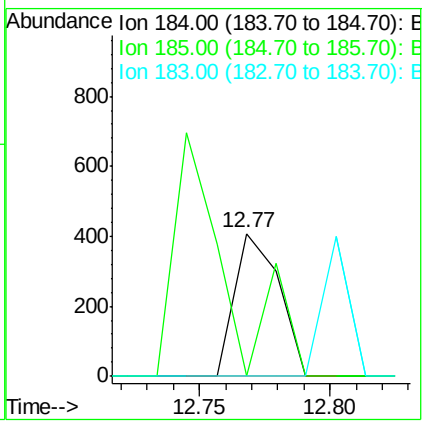


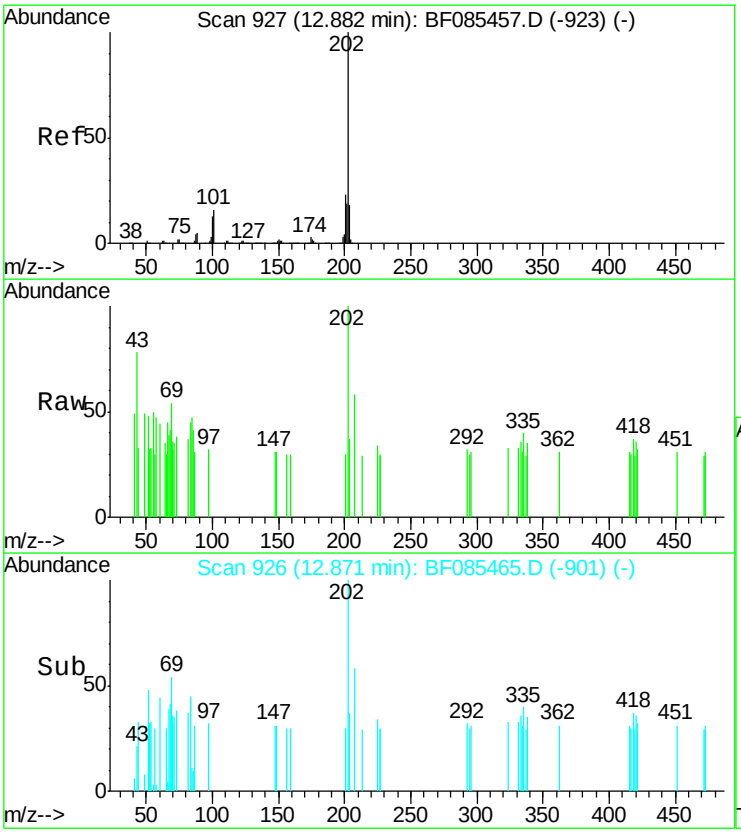
#76
Benzidine
Concen: 0.04 ng
RT: 12.77 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:184 Resp: 486

Ion	Ratio	Lower	Upper
184	100		
185	0.0	12.4	18.6#
183	0.0	9.4	14.2#

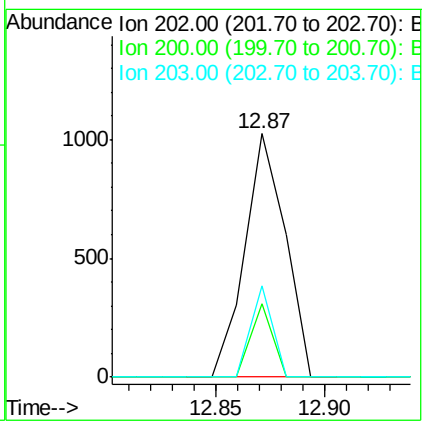


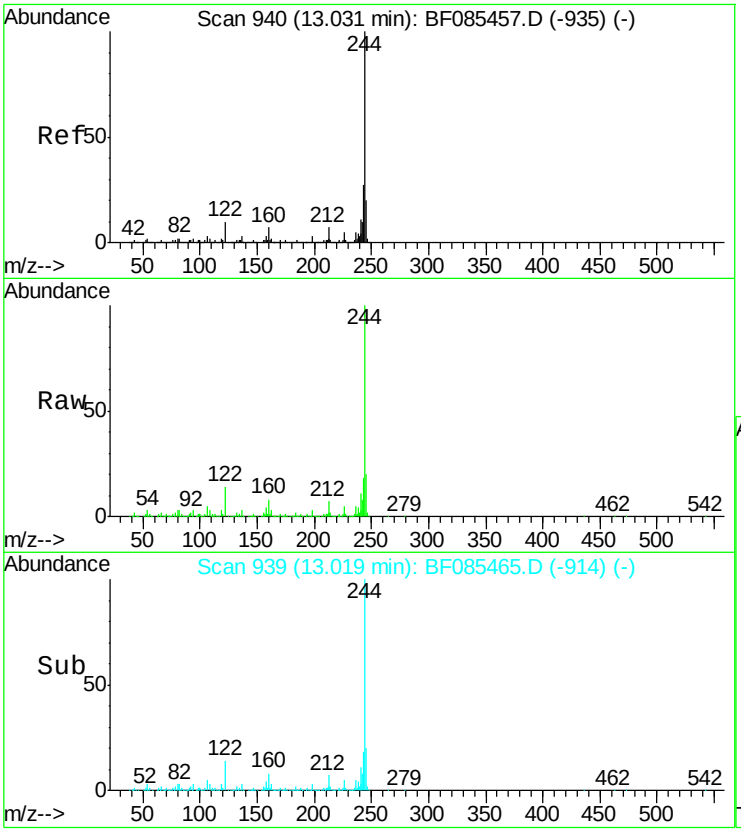


#77
Pyrene
Concen: 0.05 ng
RT: 12.87 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:202 Resp: 1323

Ion	Ratio	Lower	Upper
202	100		
200	30.2	18.2	27.4#
203	37.5	14.7	22.1#



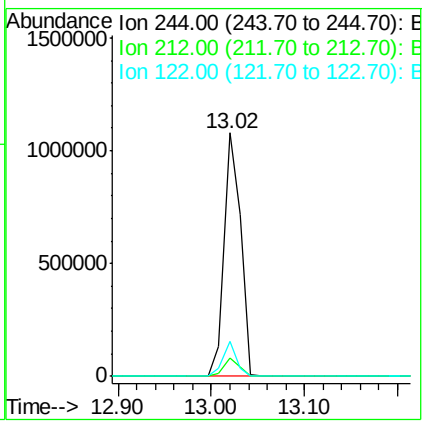


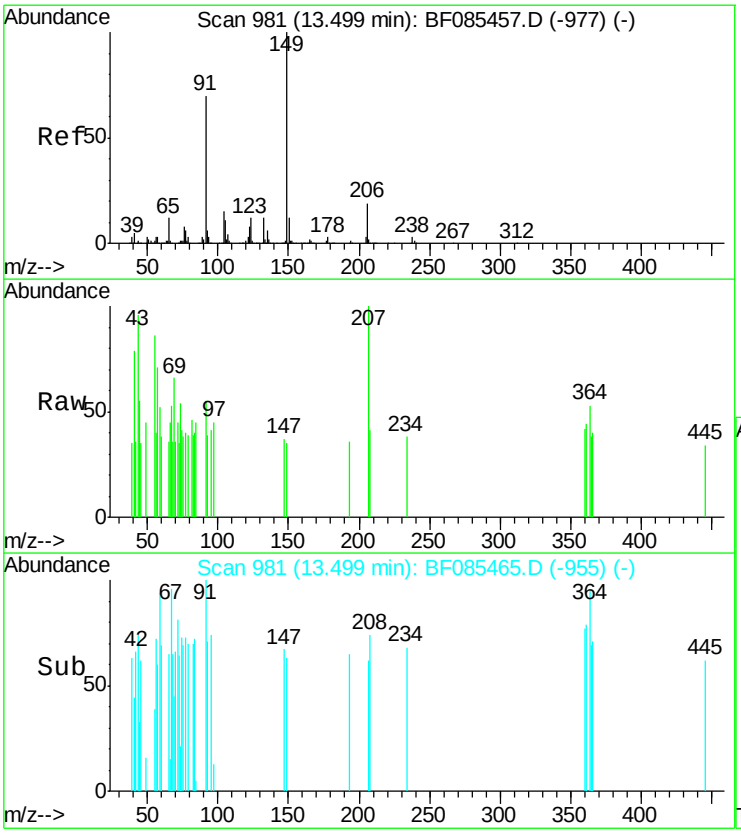
#78
Terphenyl-d14
Concen: 82.44 ng
RT: 13.02 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 1332770

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	14.2	11.4	17.2

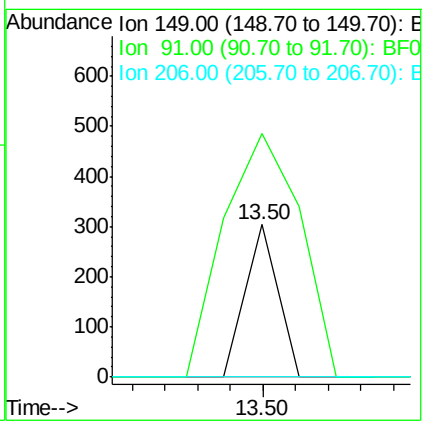


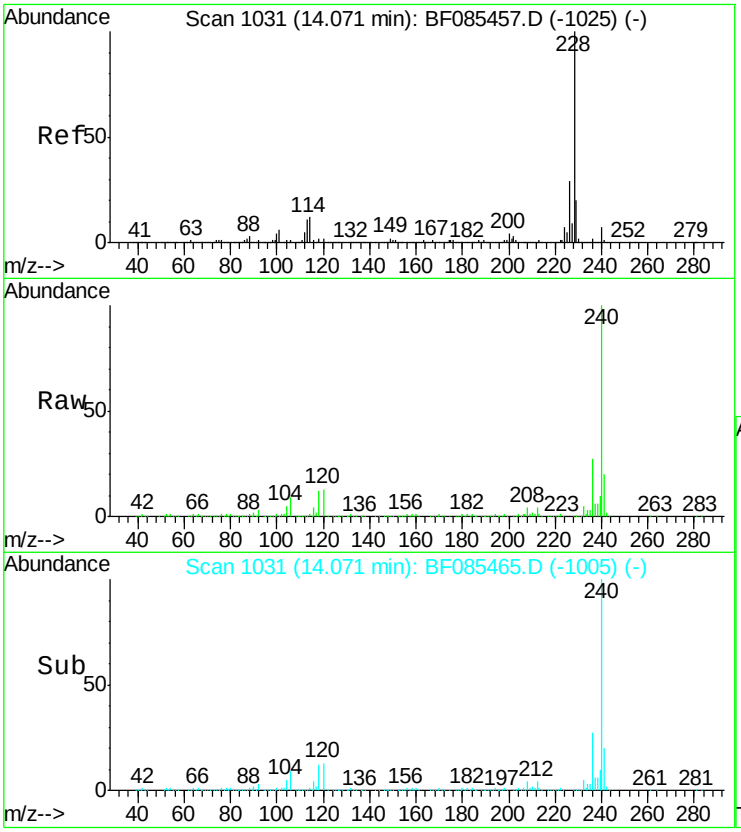


#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.50 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:149 Resp: 208

Ion	Ratio	Lower	Upper
149	100		
91	159.9	69.0	103.4#
206	0.0	12.3	18.5#



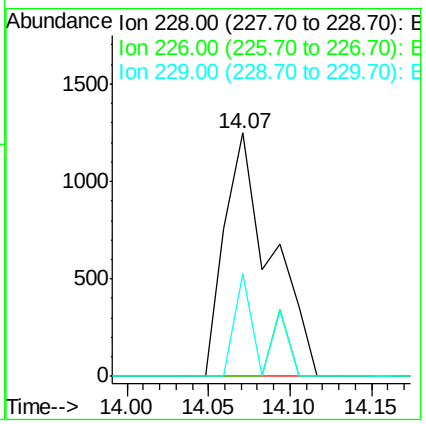


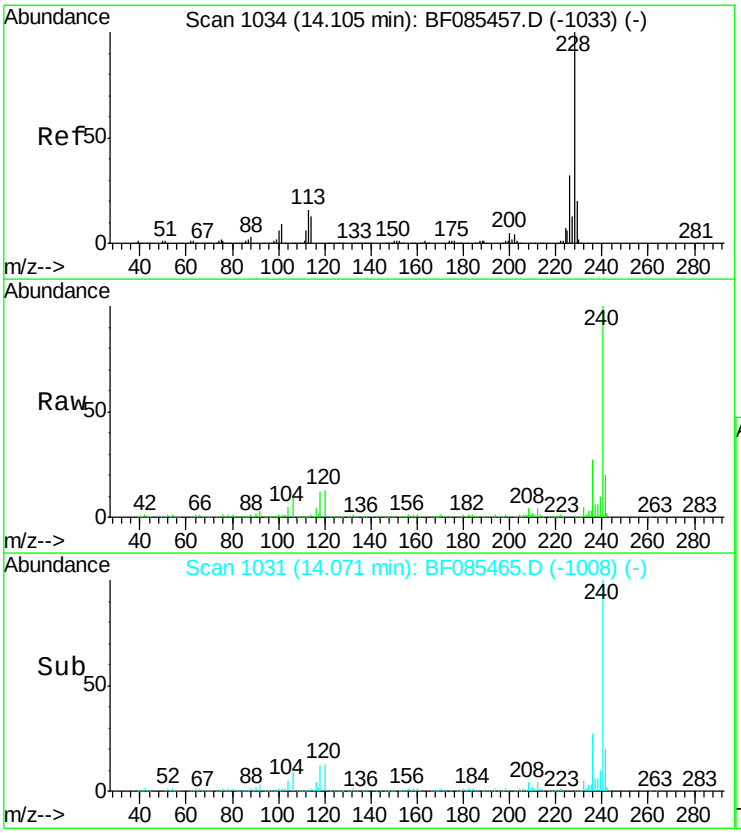
#80
Benzo(a)anthracene
Concen: 0.12 ng
RT: 14.07 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 2461

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.8	34.2#
229	42.0	16.6	24.8#

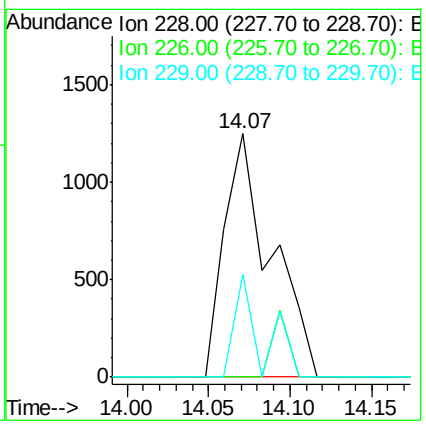


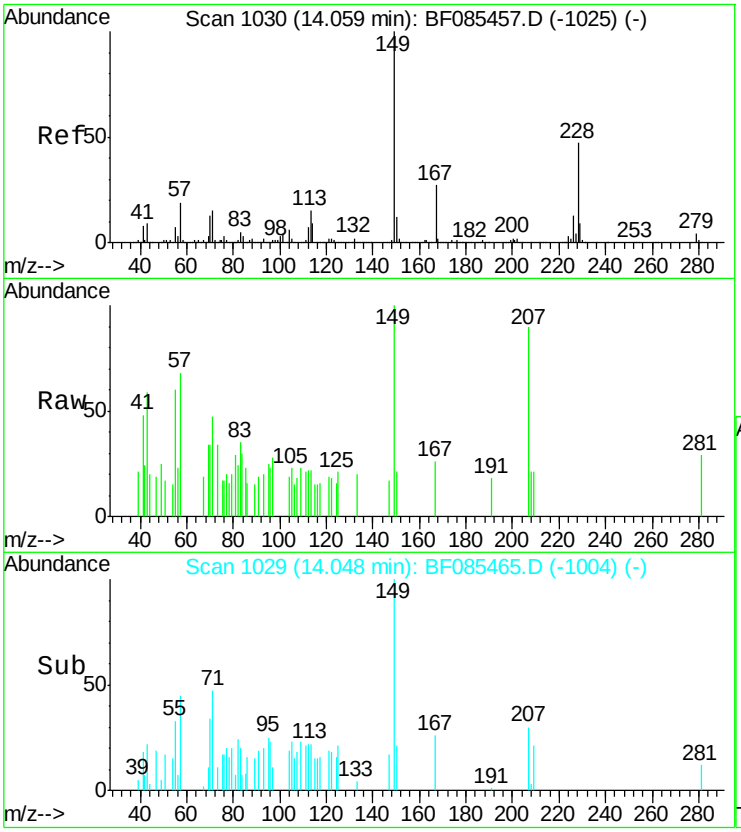


#82
Chrysene
Concen: 0.13 ng
RT: 14.07 min Scan# 1031
Delta R.T. -0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:228 Resp: 2461

Ion	Ratio	Lower	Upper
228	100		
226	0.0	25.2	37.8#
229	42.0	16.0	24.0#



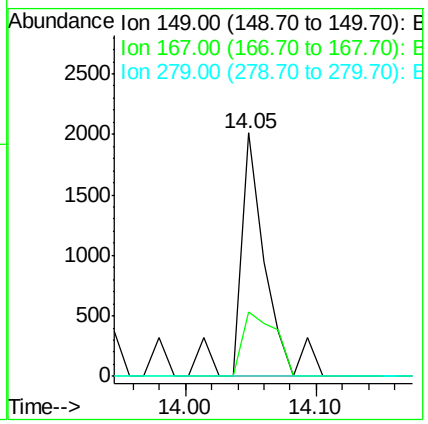


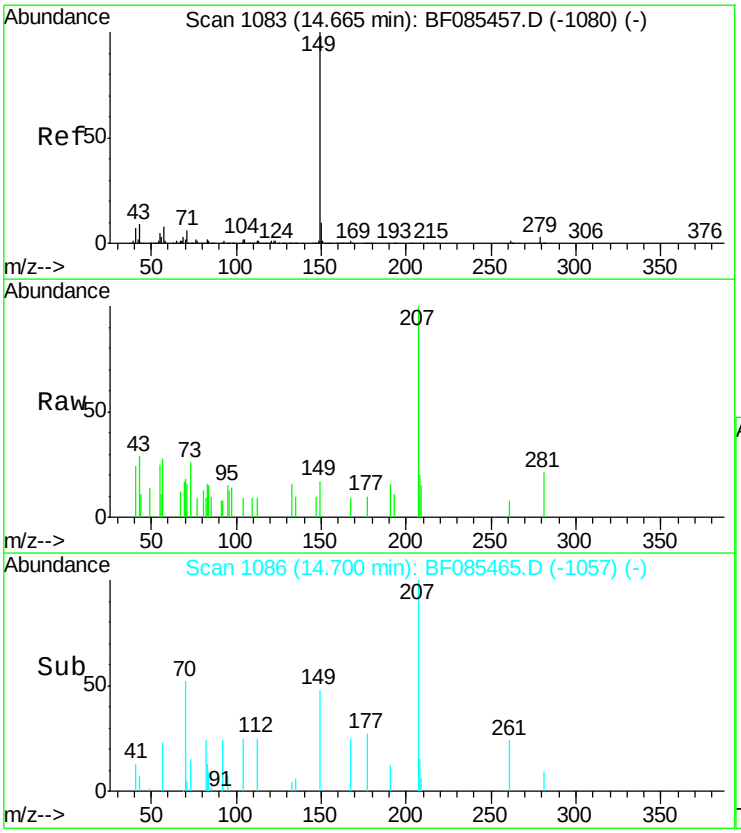
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.19 ng
RT: 14.05 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 2728

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.3	30.5
279	0.0	1.9	2.9#

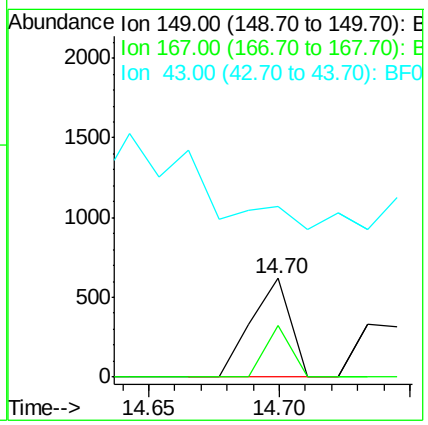


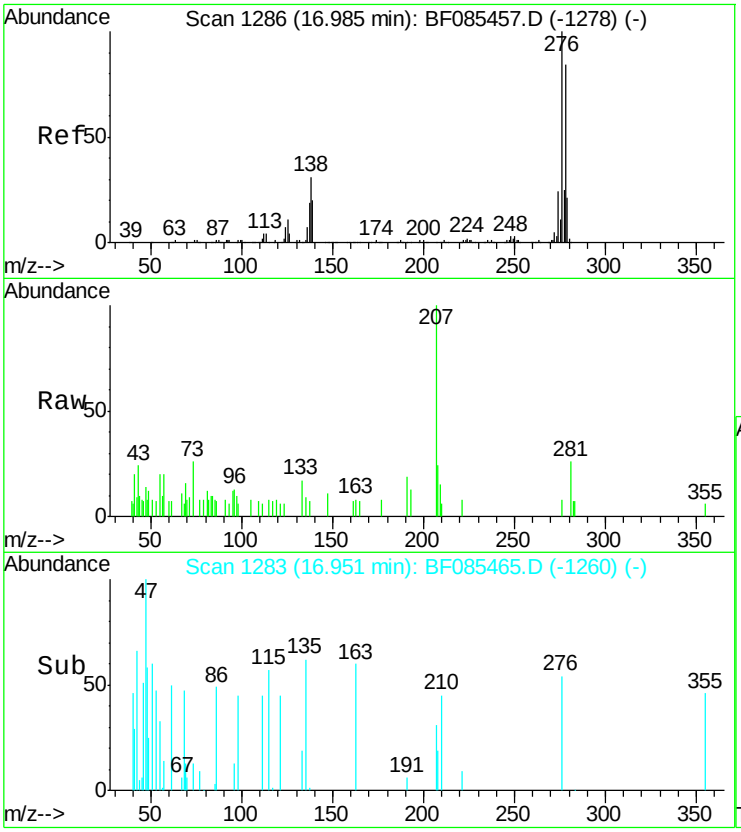


#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 14.70 min Scan# 1086
Delta R.T. 0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:149 Resp: 653

Ion	Ratio	Lower	Upper
149	100		
167	33.5	1.1	1.7#
43	0.0	7.8	11.8#



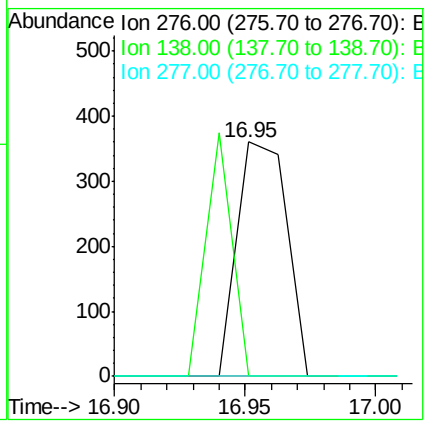


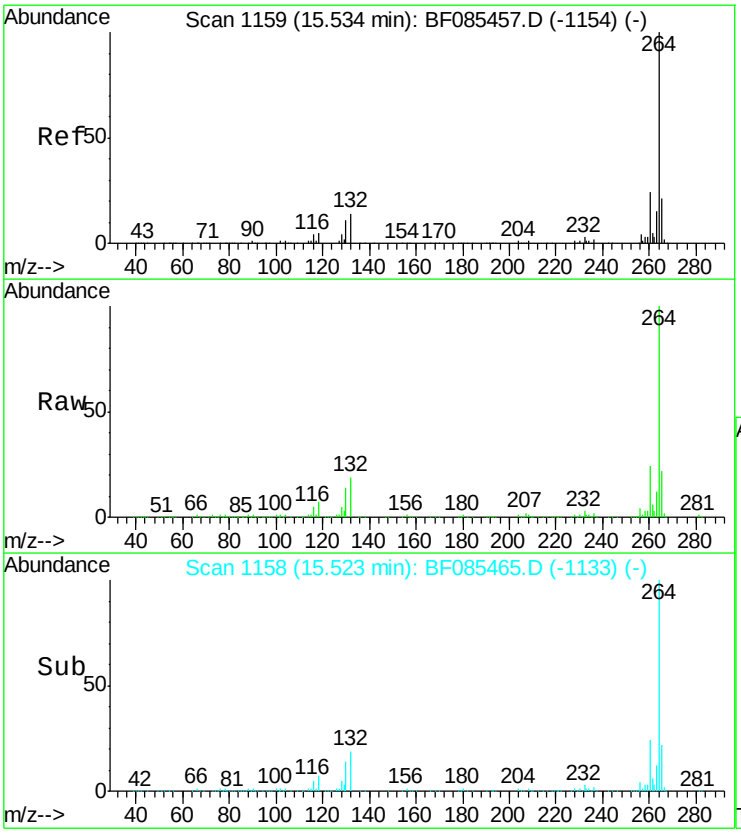
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 16.95 min Scan# 1283
Delta R.T. -0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 481

Ion	Ratio	Lower	Upper
276	100		
138	53.2	26.4	39.6#
277	0.0	20.2	30.2#

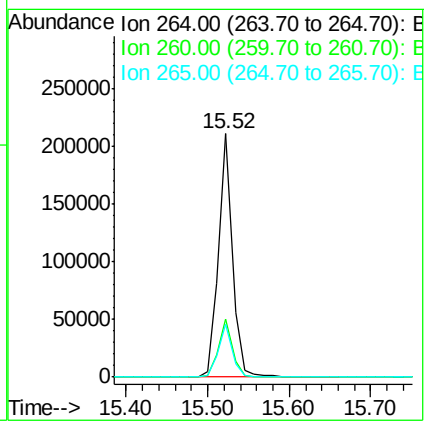


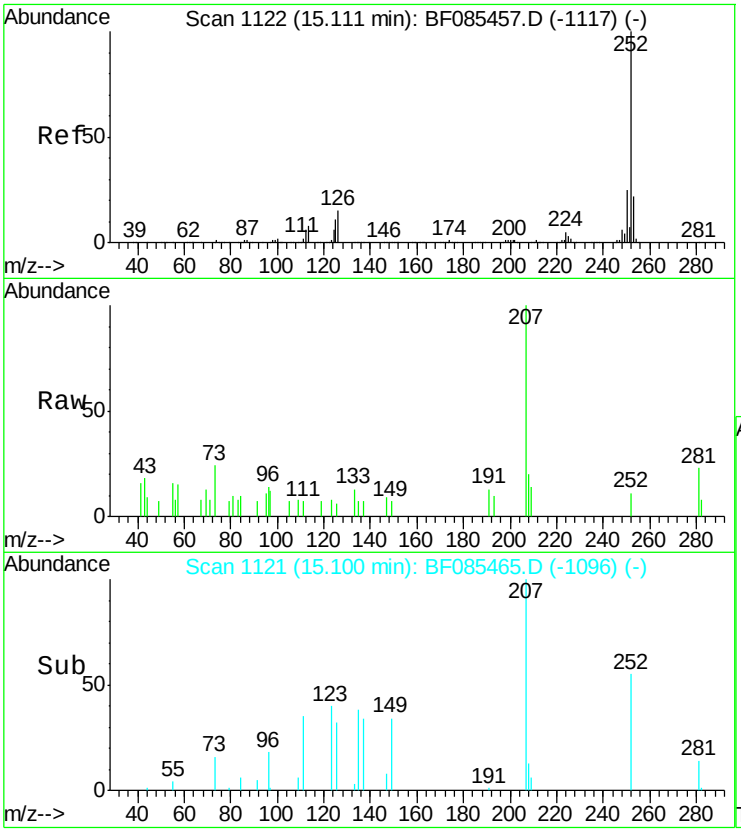


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:264 Resp: 250578

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.3	25.9



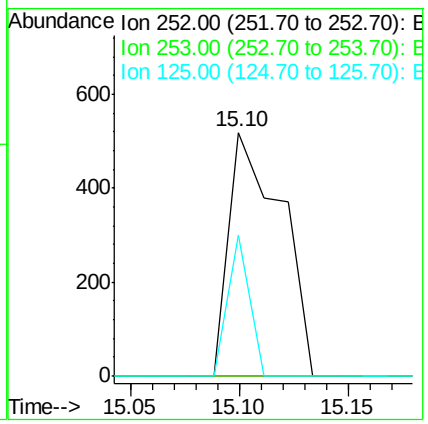


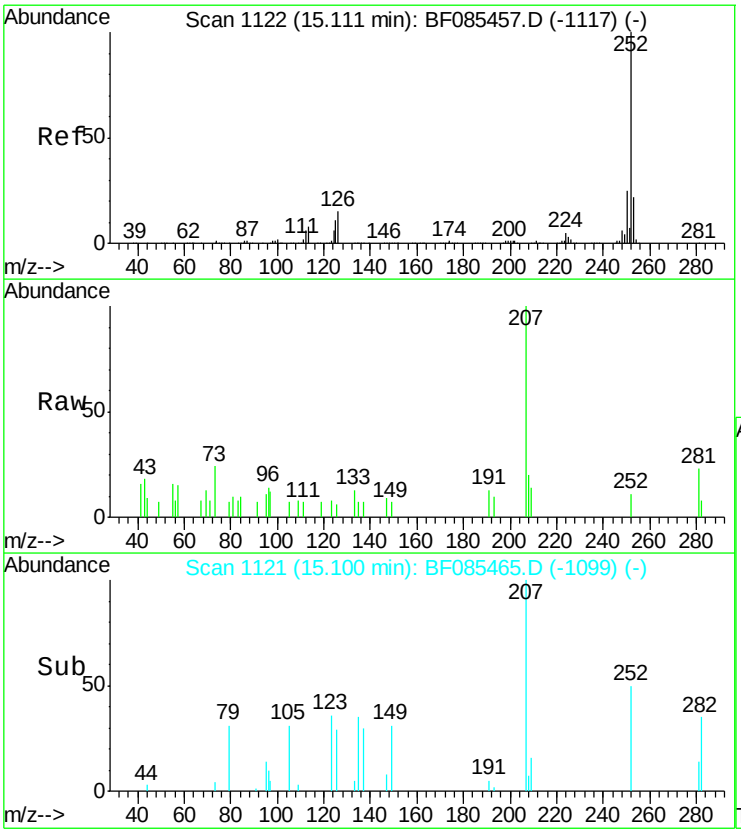
#87
Benzo(b)fluoranthene
Concen: 0.05 ng
RT: 15.10 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 871

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	57.9	11.3	16.9#

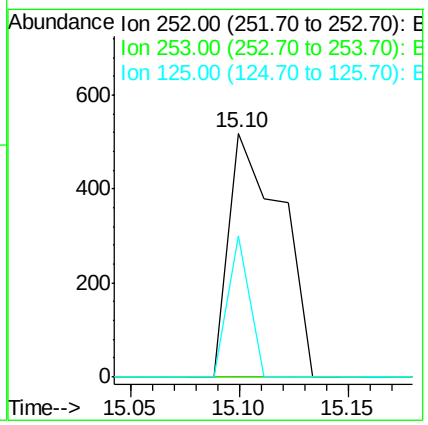


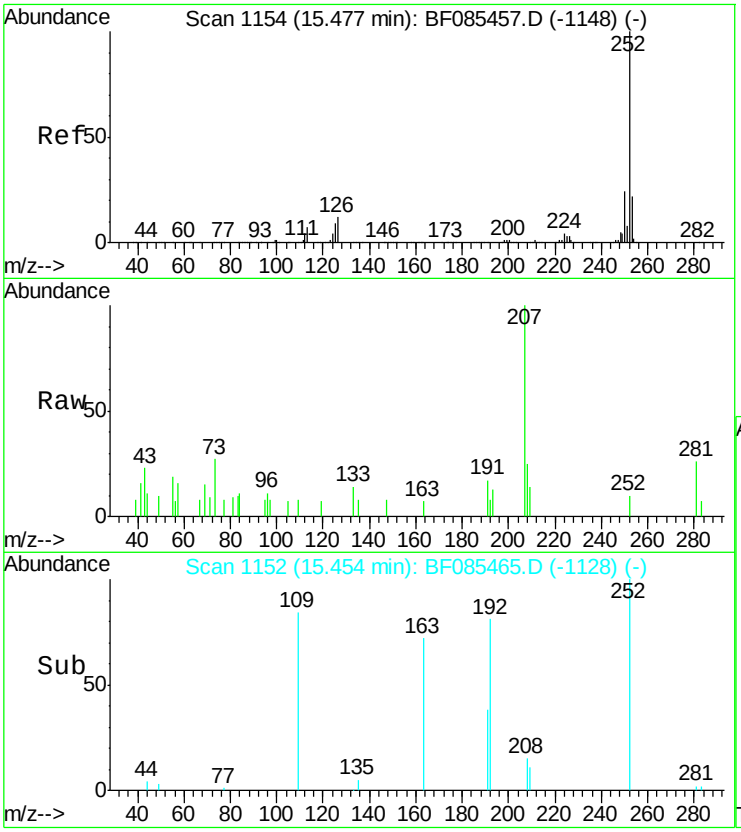


#88
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 15.10 min Scan# 1121
Delta R.T. -0.05 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:252 Resp: 871

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	57.9	10.4	15.6#



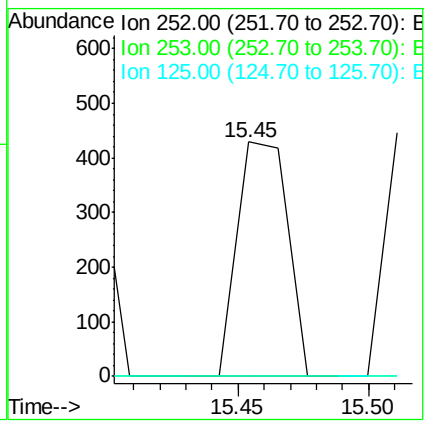


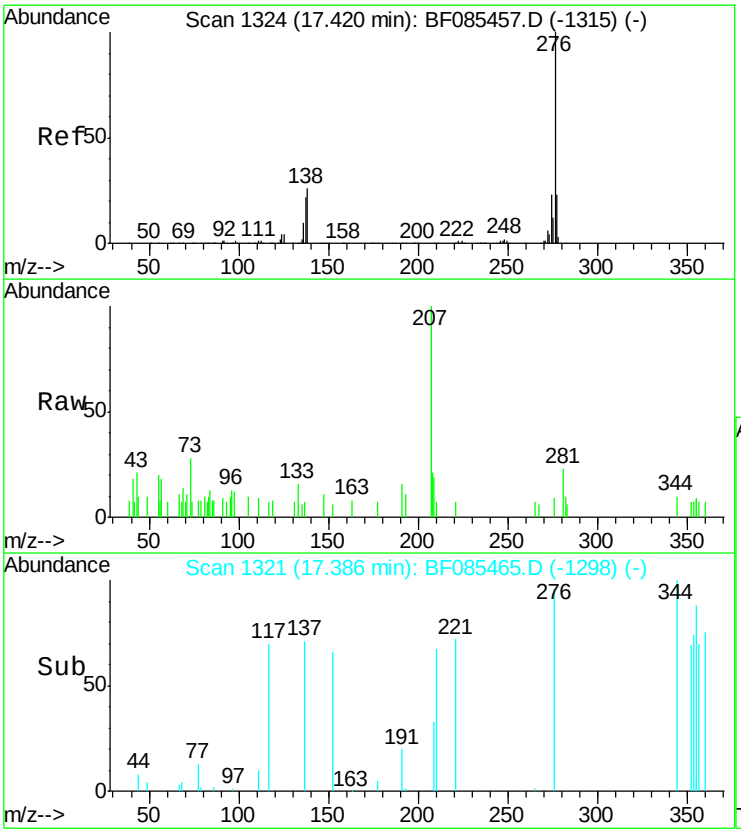
#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.45 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 580

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	8.2	12.4#





#91
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 17.39 min Scan# 1321
Delta R.T. -0.03 min
Lab File: BF085465.D
Acq: 15 Mar 2016 20:25

Tgt Ion:276 Resp: 580

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	22.5	33.7#