Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089813.D
Acq On : 19 Aug 2016 23:06
Operator : UM/SJ
Sample : H4518-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-2(0-8)

Quant Time: Aug 22 01:23:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	582944	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1997355	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	897792	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1408358	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1009373	20.00	ng		-0.02
86) Perylene-d12	15.34	264	1153229	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	3431012	100.93	ng		0.01
7) Phenol-d6	6.33	99	4822103	115.56	ng		0.01
23) Nitrobenzene-d5	7.24	82	2703796	84.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	778571	91.25	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4188627	82.00	ng		0.00
78) Terphenyl-d14	12.78	244	2710184	60.74	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	2.84	79	1317	0.03	ng	#	1
4) n-Nitrosodimethylamine	2.73	42	105	0.01	ng	#	1
6) Aniline	6.34	93	2062	0.04	ng	#	1
8) 2-Chlorophenol	6.47	128	2171	0.05	ng		85
9) Benzaldehyde	6.33	77	7645	0.28	ng	#	4
10) Phenol	6.33	94	33046	0.68	ng	#	1
11) bis(2-Chloroethyl)ether	6.44	93	6116	0.16	ng	#	1
12) 1,3-Dichlorobenzene	6.86	146	226	0.01	ng	#	1
13) 1,4-Dichlorobenzene	6.86	146	226	0.01	ng	#	1
14) 1,2-Dichlorobenzene	6.86	146	226	0.01	ng	#	1
15) Benzyl Alcohol	6.84	79	47495	1.72	ng	#	41
16) 2,2'-oxybis(1-Chloropropan	6.80	45	217	0.00	ng		69
17) 2-Methylphenol	6.95	107	243	0.01	ng	#	52
18) Hexachloroethane	7.22	117	922	0.06	ng	#	2
19) n-Nitroso-di-n-propylamine	7.24	70	357842	13.41	ng	#	74
20) 3+4-Methylphenols	7.11	107	1259	0.03	ng	#	55
22) Acetophenone	7.10	105	1171	0.03	ng	#	44
24) Nitrobenzene	7.24	77	9120	0.25	ng	#	39
25) Isophorone	7.24	82	2528025	38.99	ng	#	67
27) 2,4-Dimethylphenol	7.63	122	260	0.01	ng	#	60
31) Naphthalene	7.99	128	21284	0.23	ng		100
32) Benzoic acid	7.76	122	519	0.02	ng	#	34
33) 4-Chloroaniline	8.03	127	226	0.01	ng	#	51
35) Caprolactam	8.41	113	337	0.04	ng	#	1
36) 4-Chloro-3-methylphenol	8.54	107	268	0.01	ng	#	16
37) 2-Methylnaphthalene	8.68	142	9374	0.16	ng		91
45) 1,1'-Biphenyl	9.14	154	3052	0.04	ng		98
46) 2-Chloronaphthalene	9.12	162	302	0.01	ng	#	1
47) 2-Nitroaniline	9.18	65	472	0.03	ng	#	5
48) Acenaphthylene	9.58	152	19549	0.24	ng		99
49) Dimethylphthalate	9.44	163	1115916	17.65	ng		99
50) 2,6-Dinitrotoluene	9.44	165	11800	0.81	ng	#	1
51) Acenaphthene	9.75	154	17772	0.33	ng		97
54) Dibenzofuran	9.92	168	13597	0.20	ng	#	88

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089813.D
Acq On : 19 Aug 2016 23:06
Operator : UM/SJ
Sample : H4518-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-2(0-8)

Quant Time: Aug 22 01:23:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	9.75	139	222	0.02	ng	#	15
56) 2,4-Dinitrotoluene	9.71	165	118724	6.27	ng	#	35
57) Fluorene	10.26	166	11618	0.21	ng	#	91
59) Diethylphthalate	10.15	149	8096	0.13	ng		94
60) 4-Chlorophenyl-phenylether	10.07	204	537	0.02	ng	#	24
62) Azobenzene	10.42	77	643	0.01	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.50	198	1793	0.22	ng	#	3
65) n-Nitrosodiphenylamine	10.39	169	2514	0.06	ng	#	54
66) 4-Bromophenyl-phenylether	10.50	248	49088	3.32	ng	#	1
70) Phenanthrene	11.21	178	238154	3.35	ng		99
71) Anthracene	11.27	178	48695	0.67	ng		98
72) Carbazole	11.42	167	18358	0.28	ng		97
73) Di-n-butylphthalate	11.77	149	14659	0.18	ng	#	93
74) Fluoranthene	12.40	202	310340	4.59	ng		94
77) Pyrene	12.62	202	290954	3.54	ng		96
79) Butylbenzylphthalate	13.27	149	2131	0.06	ng	#	28
80) Benzo(a)anthracene	13.84	228	166304	2.88	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	965	0.05	ng	#	1
82) Chrysene	13.87	228	118880	2.40	ng		96
83) Bis(2-ethylhexyl)phthalate	13.87	149	7347	0.14	ng	#	96
84) Di-n-octyl phthalate	14.55	149	743	0.01	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.62	276	97441	1.54	ng		92
87) Benzo(b)fluoranthene	14.95	252	262802	4.14	ng		98
88) Benzo(k)fluoranthene	14.95	252	262802	4.57	ng		99
89) Benzo(a)pyrene	15.22	252	102417	1.71	ng		96
90) Dibenzo(a,h)anthracene	16.63	278	25616	0.39	ng	#	87
91) Benzo(g,h,i)perylene	16.99	276	92337	1.35	ng		98

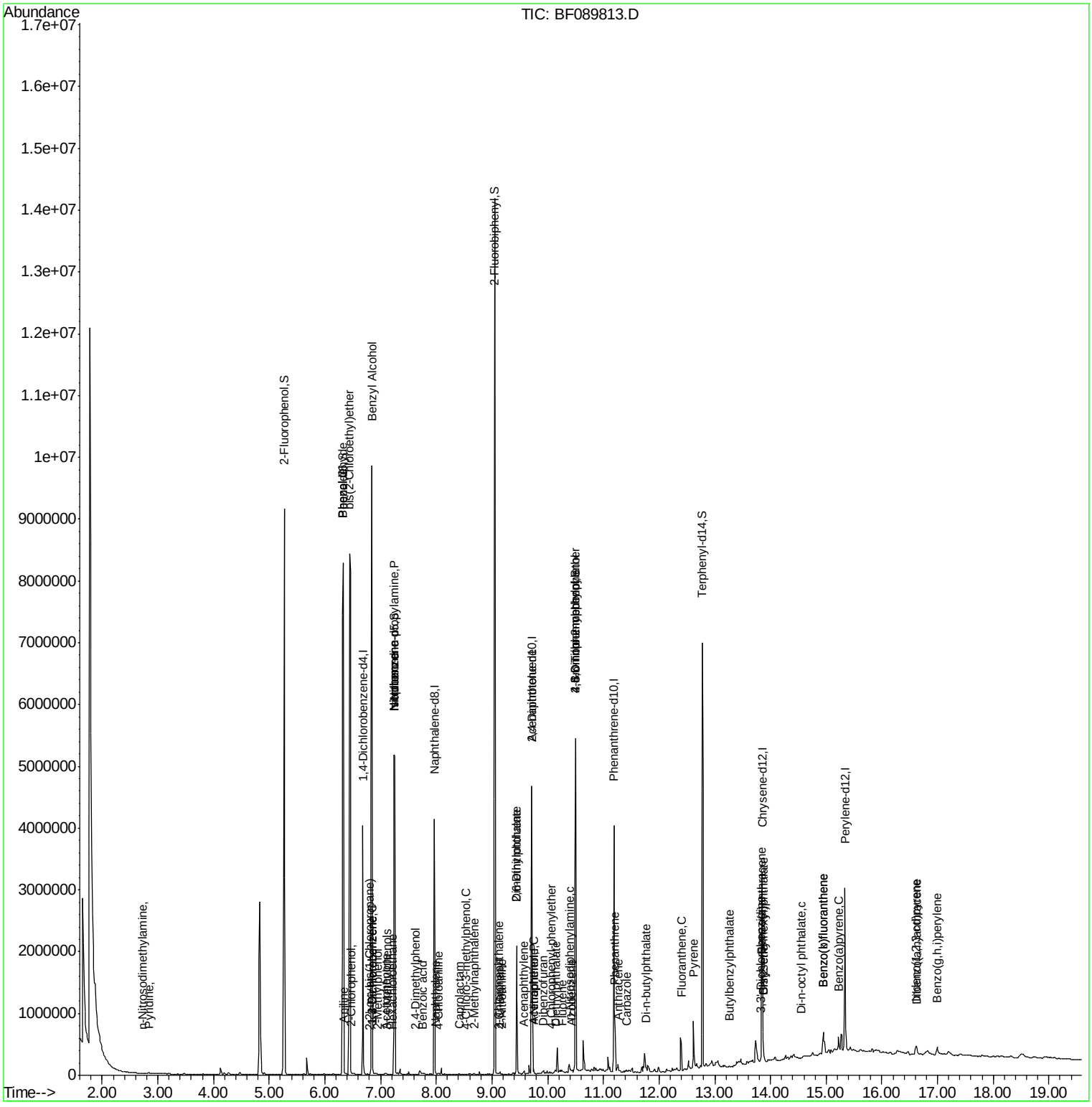
(#) = qualifier out of range (m) = manual integration (+) = signals summed

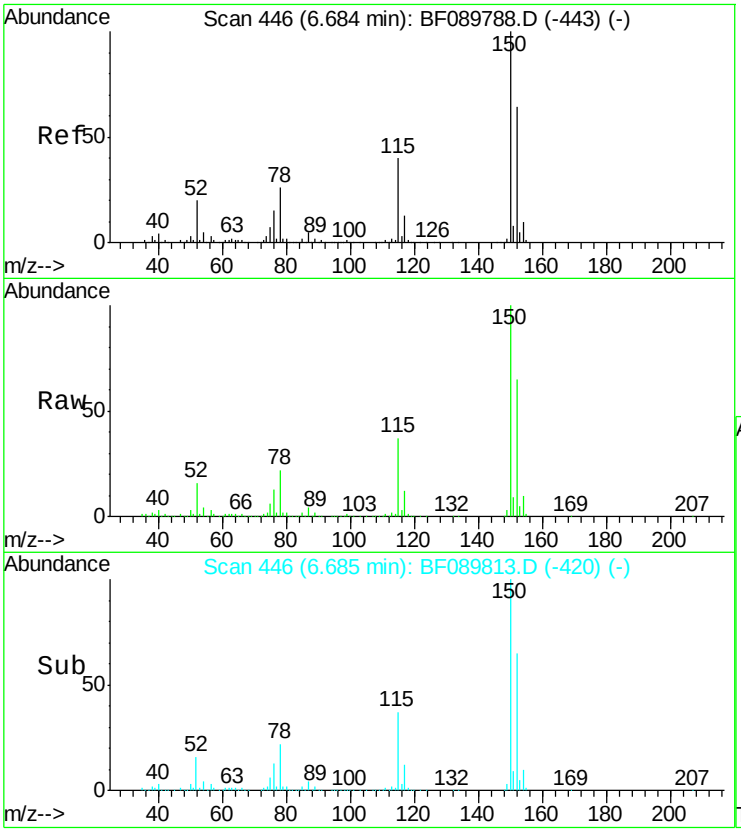
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089813.D
Acq On : 19 Aug 2016 23:06
Operator : UM/SJ
Sample : H4518-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Quant Time: Aug 22 01:23:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 19 14:02:57 2016
Response via : Initial Calibration



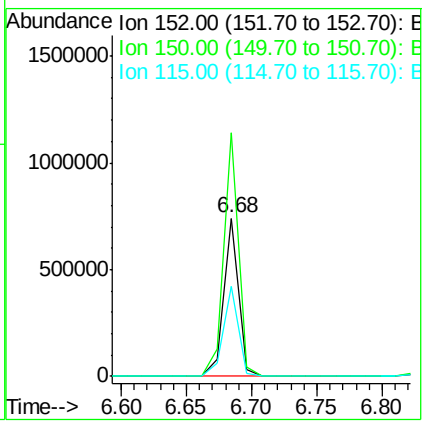


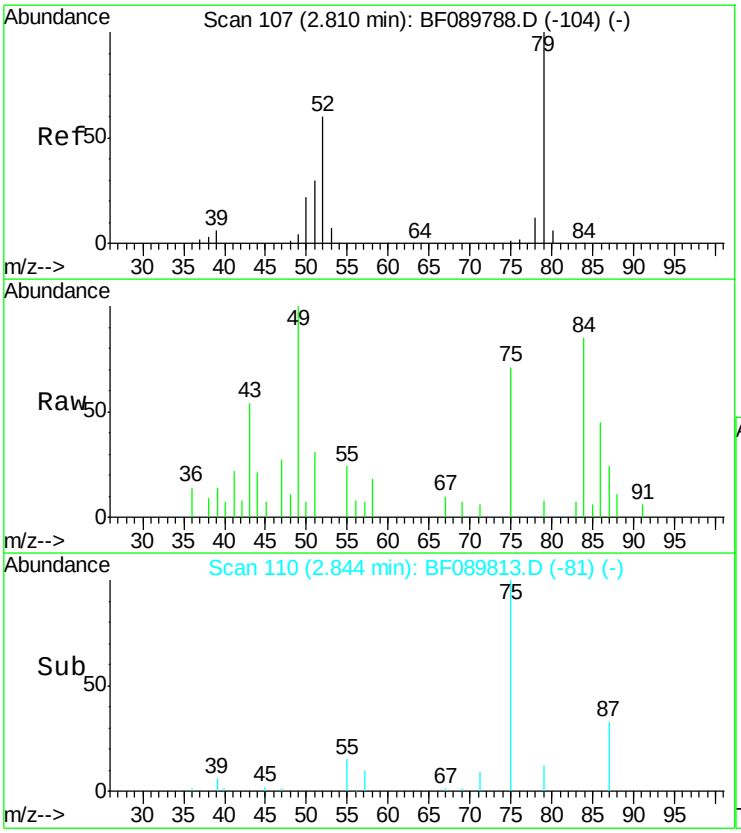
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:152 Resp: 582944

Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.3	187.9
115	57.4	40.9	61.3

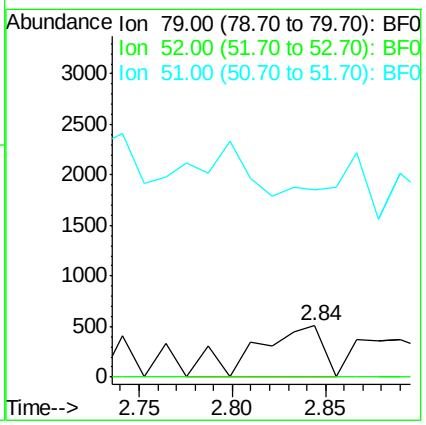


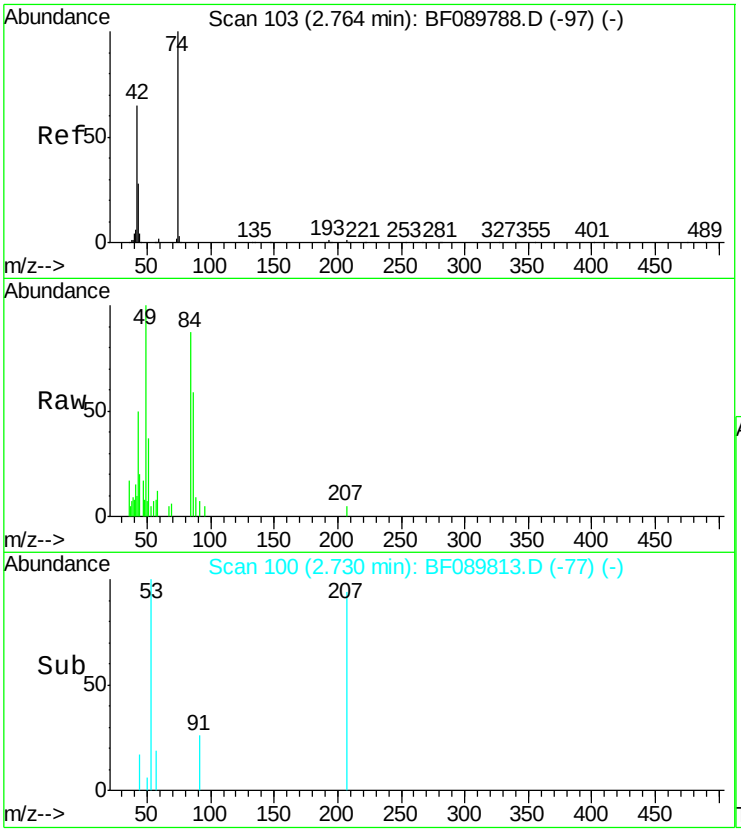


#3
Pyridine
Concen: 0.03 ng
RT: 2.84 min Scan# 110
Delta R.T. 0.03 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 79 Resp: 1317

Ion	Ratio	Lower	Upper
79	100		
52	0.0	53.6	80.4#
51	367.5	26.6	39.8#



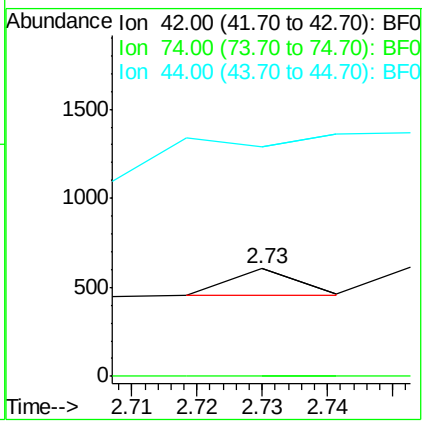


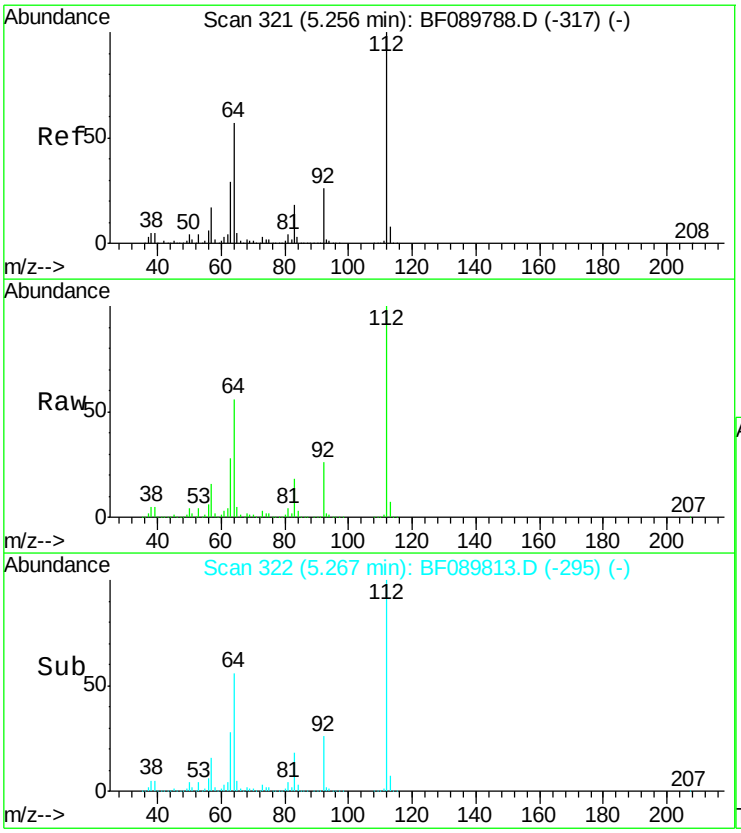
#4
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 2.73 min Scan# 100
Delta R.T. -0.03 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 42 Resp: 105

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	213.4	6.9	10.3#

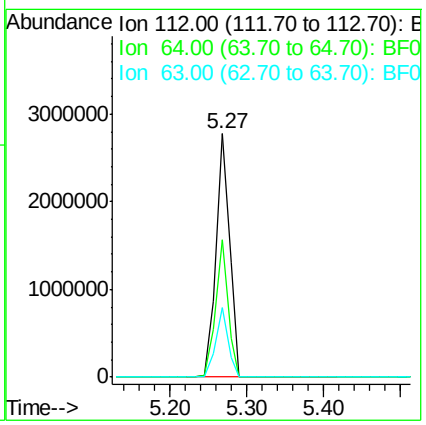


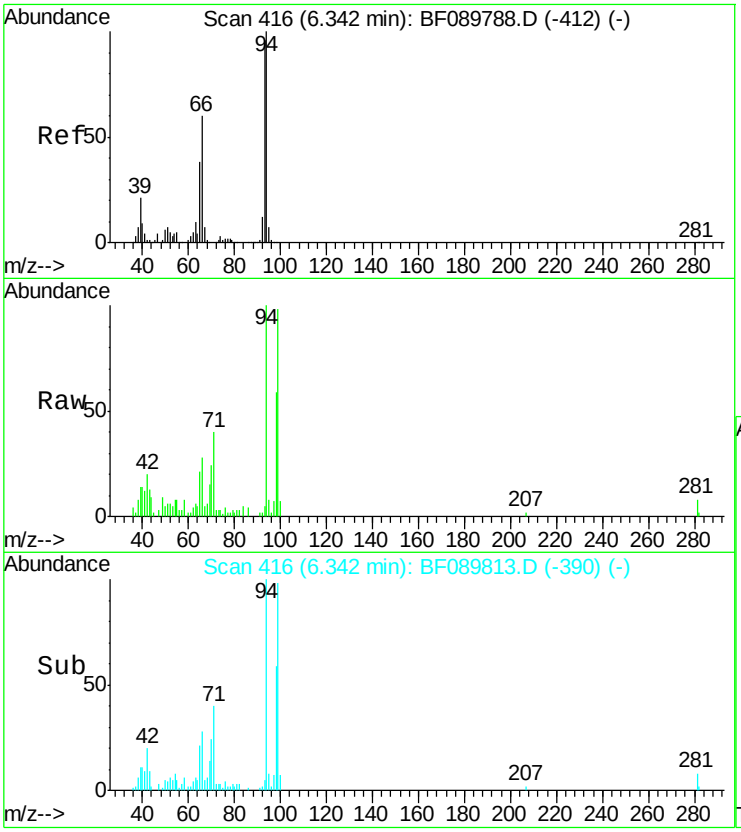


#5
2-Fluorophenol
Concen: 100.93 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:112 Resp: 3431012

Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	28.5	23.1	34.7



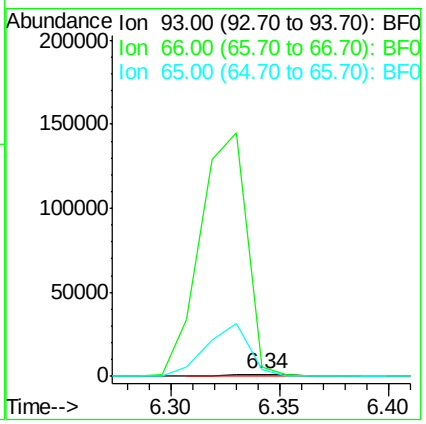


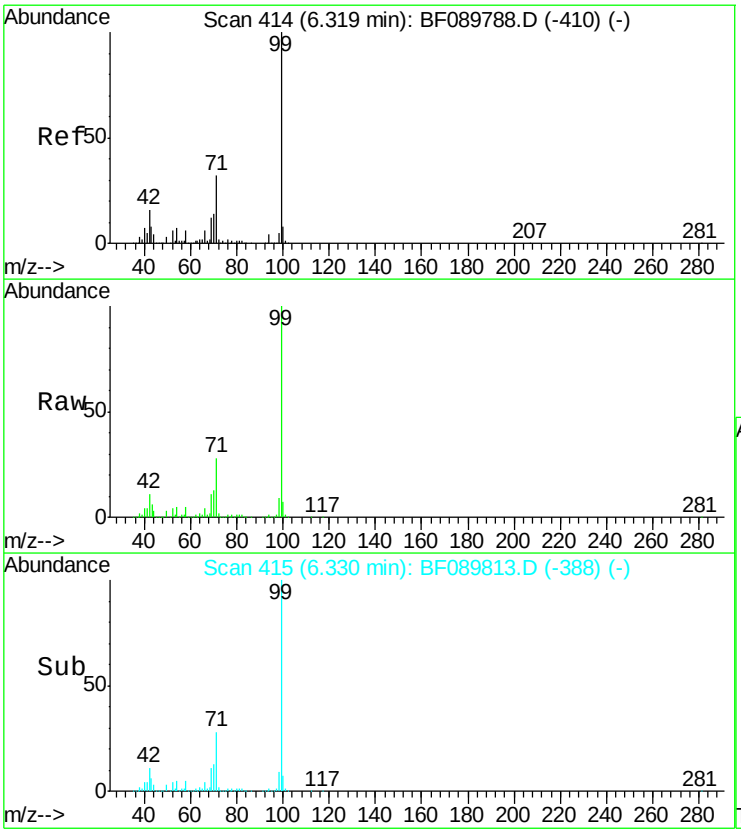
#6
Aniline
Concen: 0.04 ng
RT: 6.34 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 93 Resp: 2062

Ion	Ratio	Lower	Upper
93	100		
66	519.9	30.6	46.0#
65	390.1	15.4	23.2#

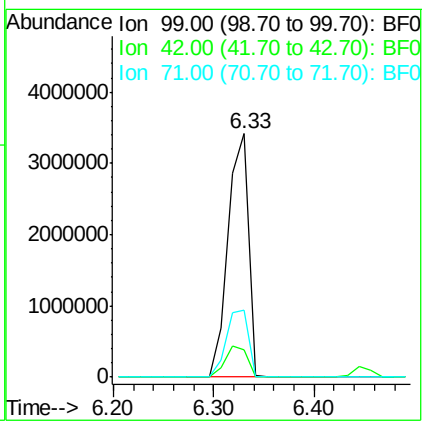


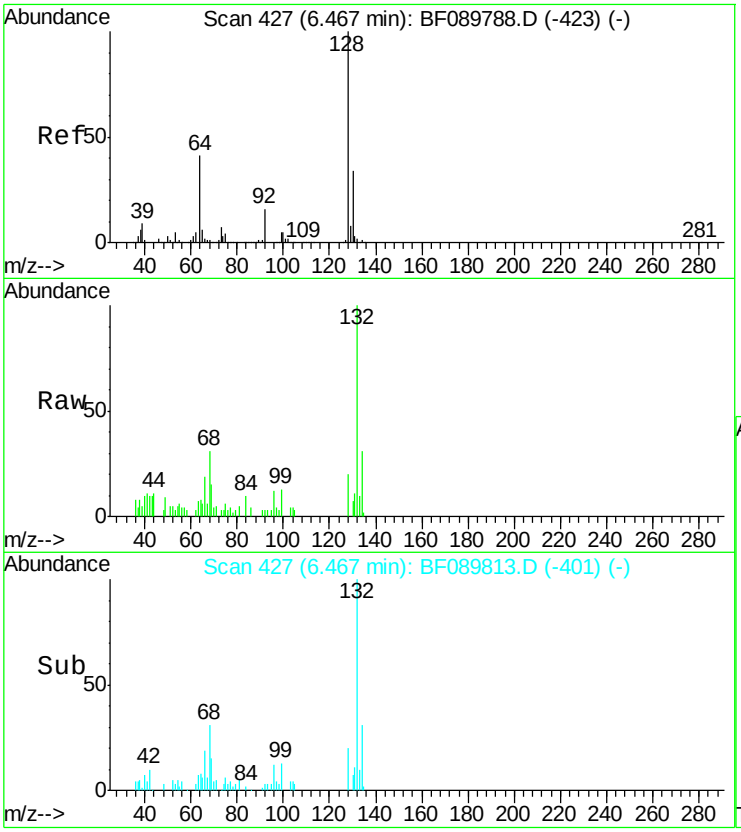


#7
Phenol-d6
Concen: 115.56 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 99 Resp: 4822103

Ion	Ratio	Lower	Upper
99	100		
42	11.3	12.2	18.4#
71	27.8	23.8	35.8



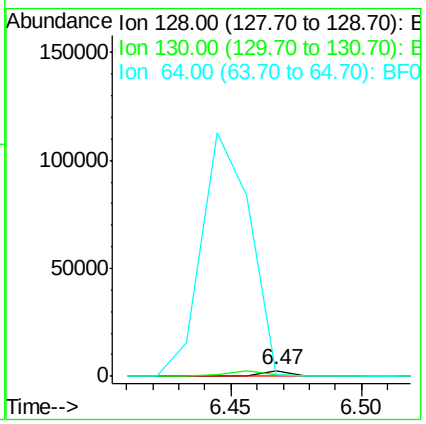


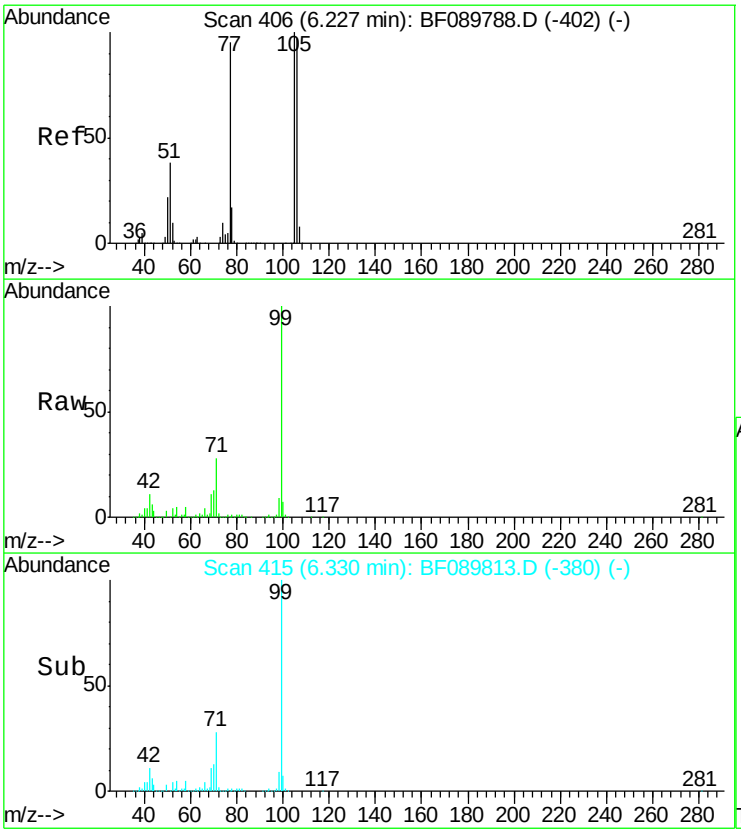
#8
2-Chlorophenol
Concen: 0.05 ng
RT: 6.47 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:128 Resp: 2171

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.0	52.0
64	38.3	35.1	75.1

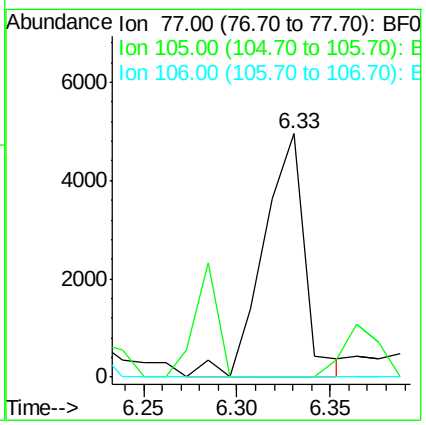


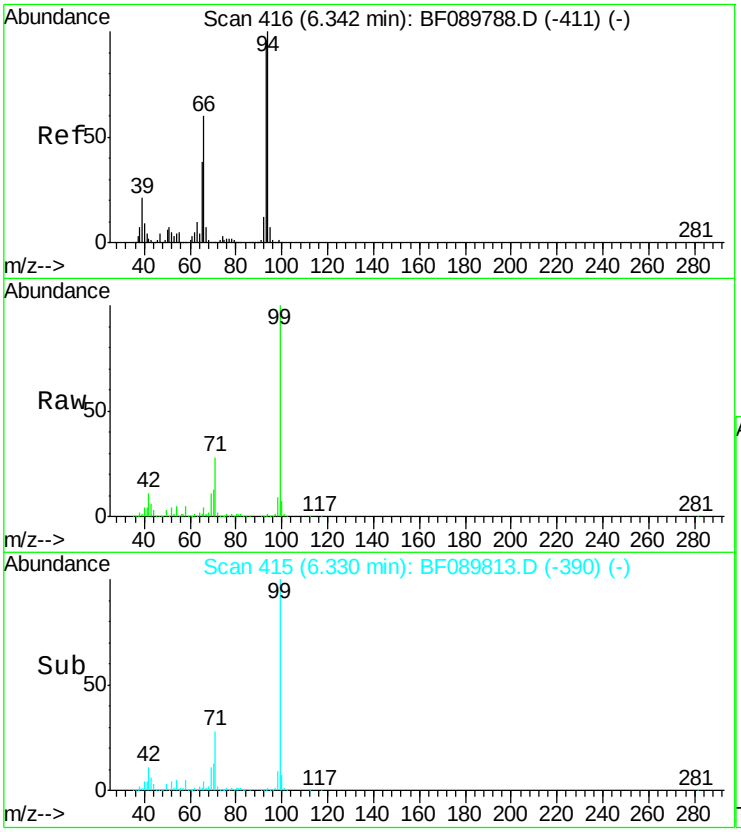


#9
Benzaldehyde
Concen: 0.28 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.10 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 77 Resp: 7645

Ion	Ratio	Lower	Upper
77	100		
105	0.0	73.3	113.3#
106	0.0	68.6	108.6#



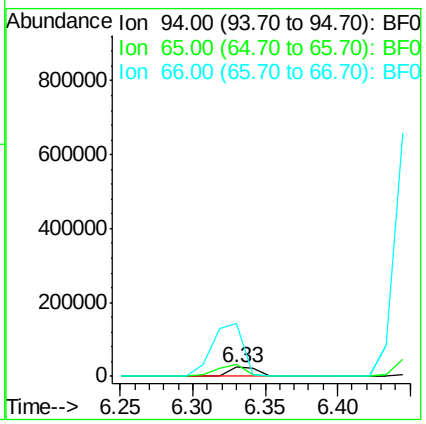


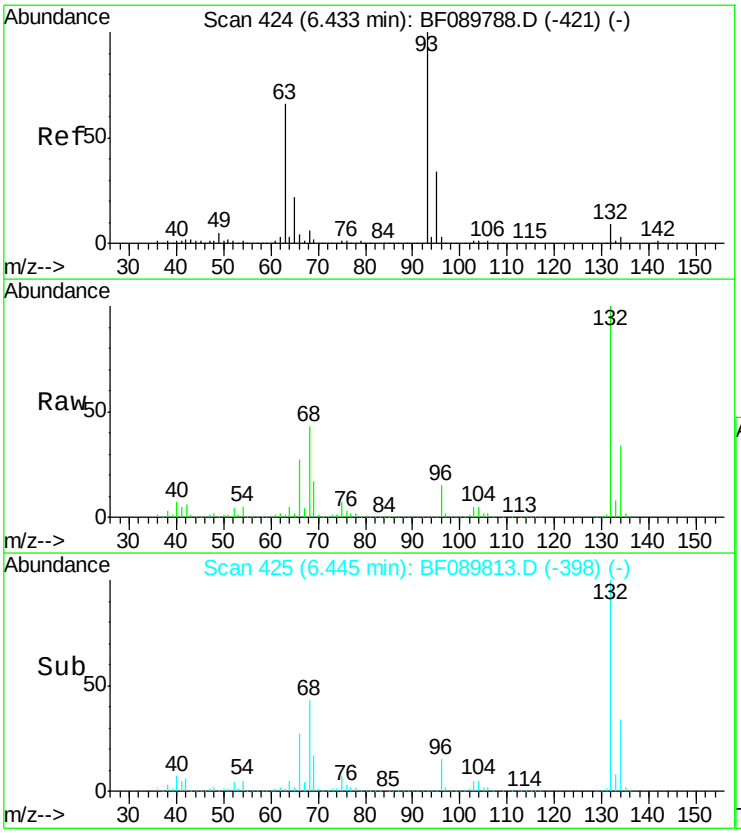
#10
Phenol
Concen: 0.68 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 94 Resp: 33046

Ion	Ratio	Lower	Upper
94	100		
65	127.4	14.0	54.0#
66	585.4	31.2	71.2#

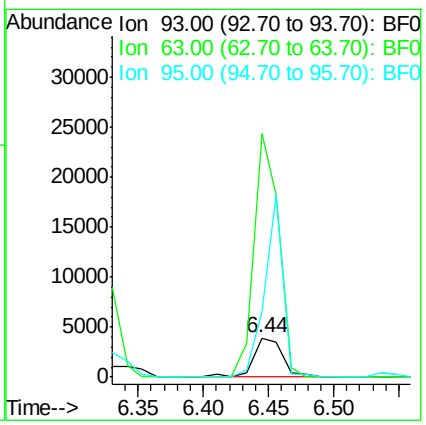


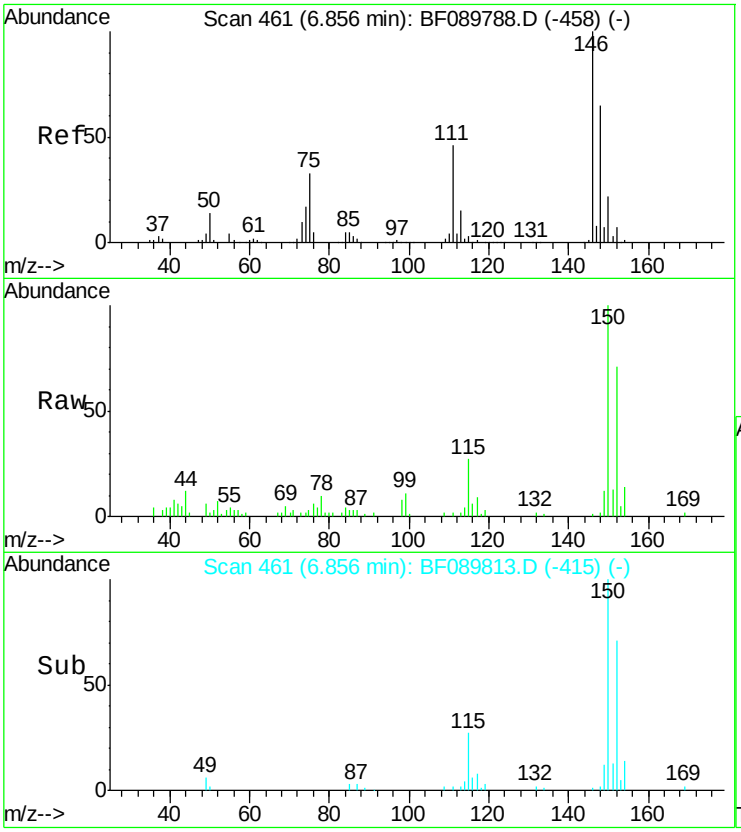


#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 93 Resp: 6116

Ion	Ratio	Lower	Upper
93	100		
63	617.0	55.8	95.8#
95	165.8	13.0	53.0#



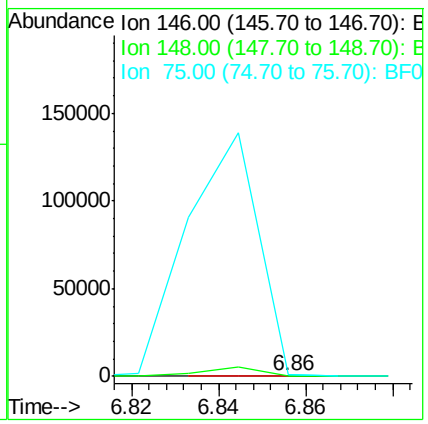


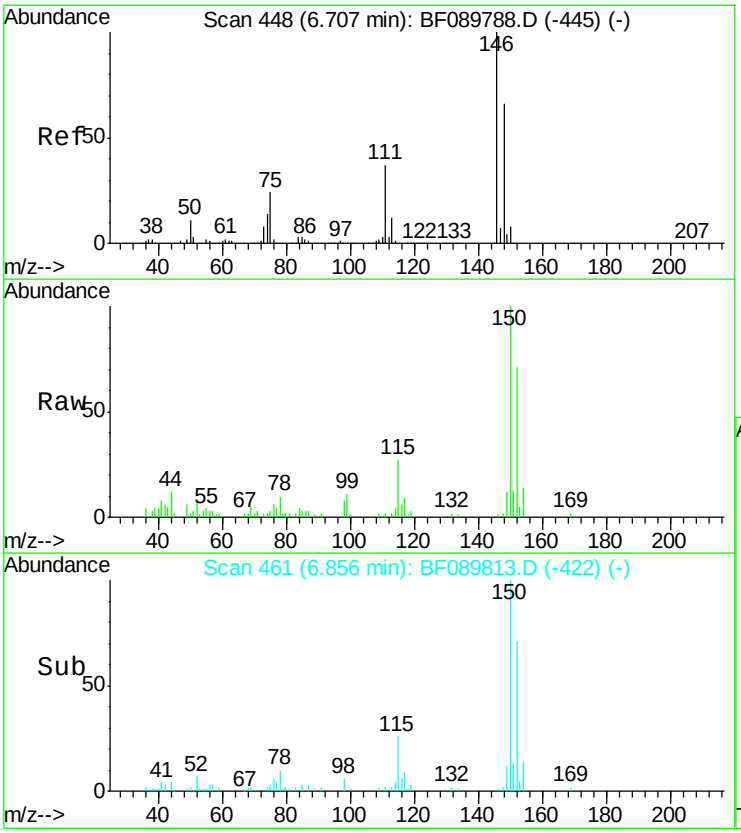
#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.23 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:146 Resp: 226

Ion	Ratio	Lower	Upper
146	100		
148	127.4	51.0	76.4#
75	216.1	27.0	40.6#

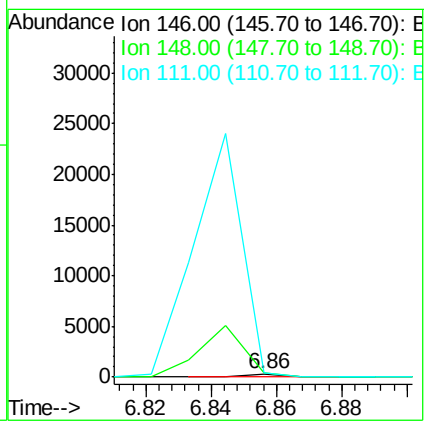


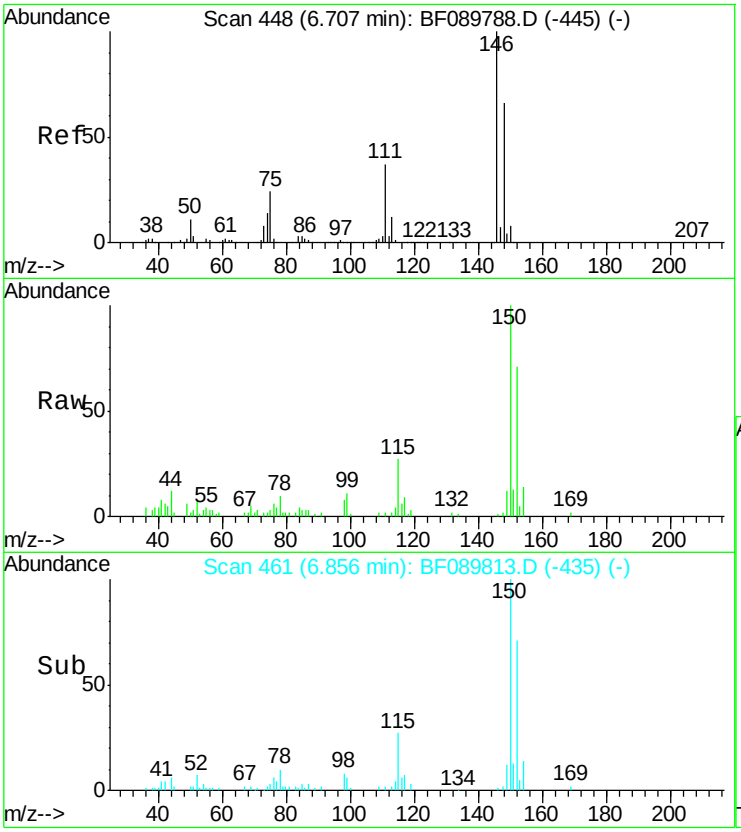


#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:146 Resp: 226

Ion	Ratio	Lower	Upper
146	100		
148	127.4	51.0	76.6#
111	136.8	34.6	52.0#



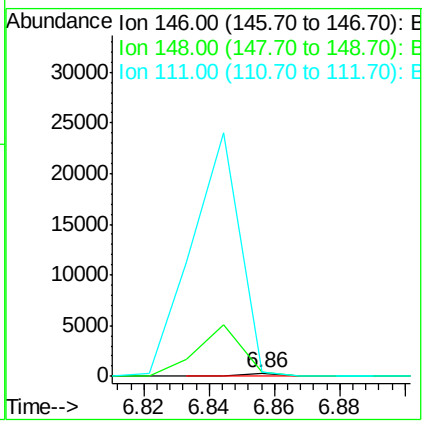


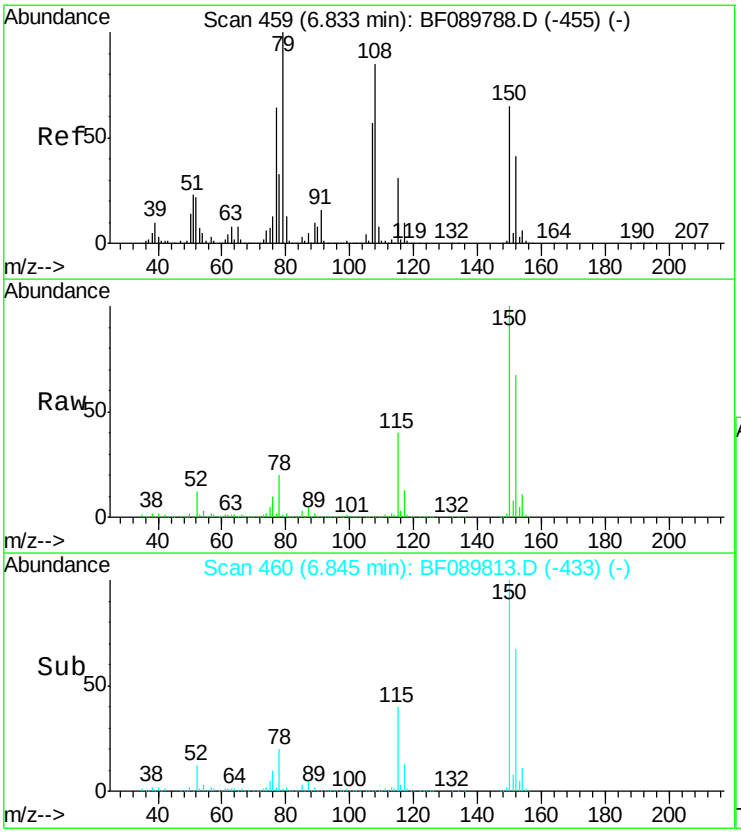
#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:146 Resp: 226

Ion	Ratio	Lower	Upper
146	100		
148	127.4	52.2	78.2#
111	136.8	29.8	44.6#

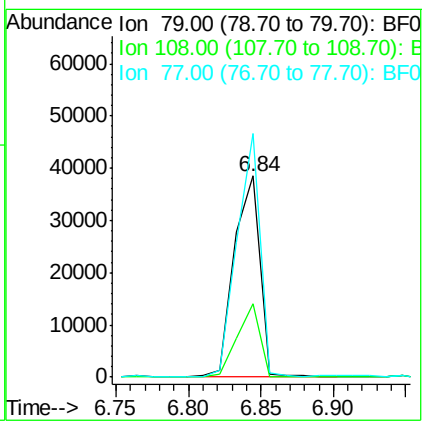


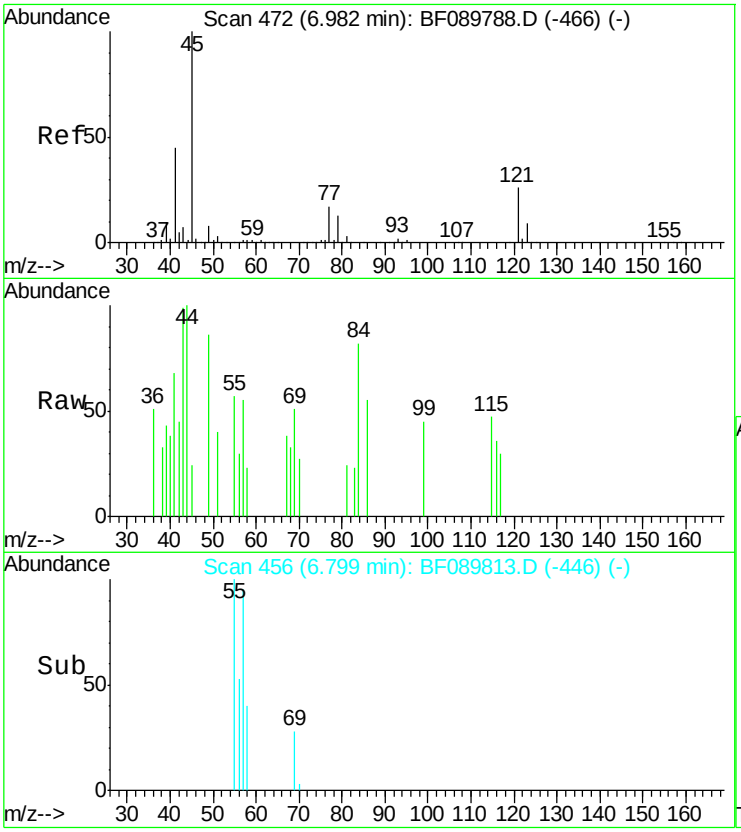


#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 79 Resp: 47495

Ion	Ratio	Lower	Upper
79	100		
108	36.6	62.5	93.7#
77	121.2	51.5	77.3#



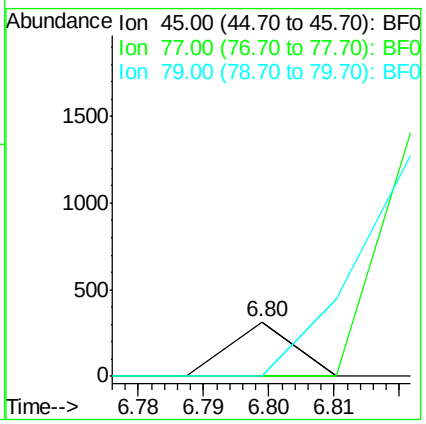


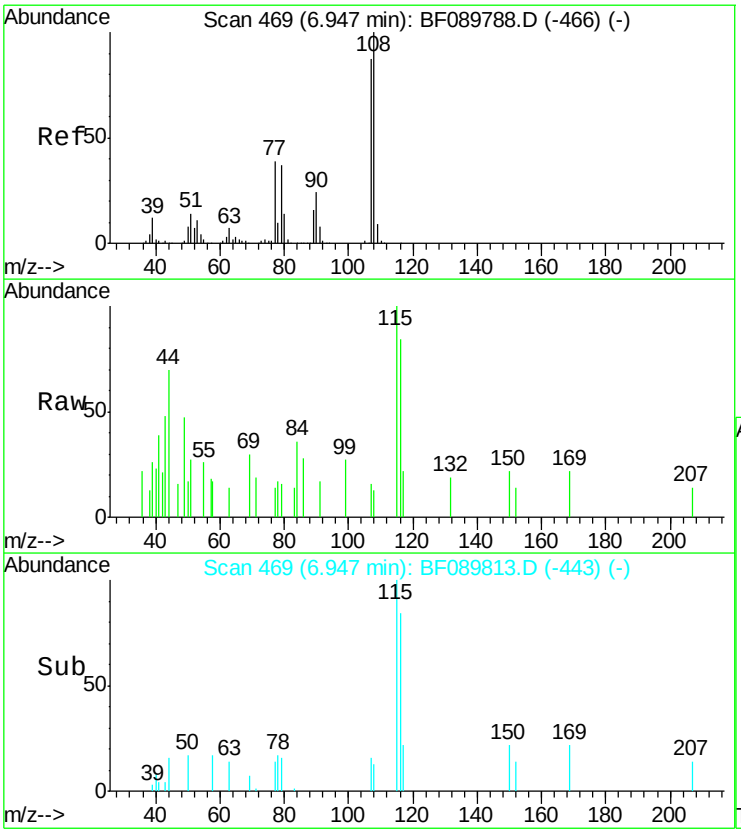
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.00 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.18 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 45 Resp: 217

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	33.5
79	0.0	0.0	30.7

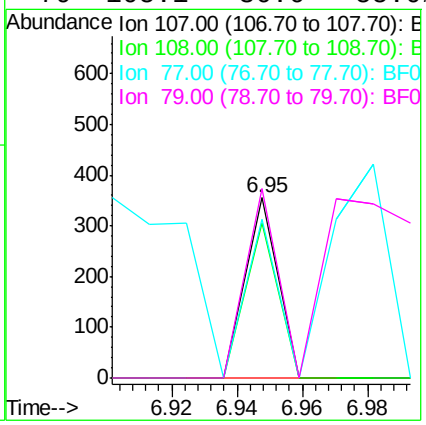


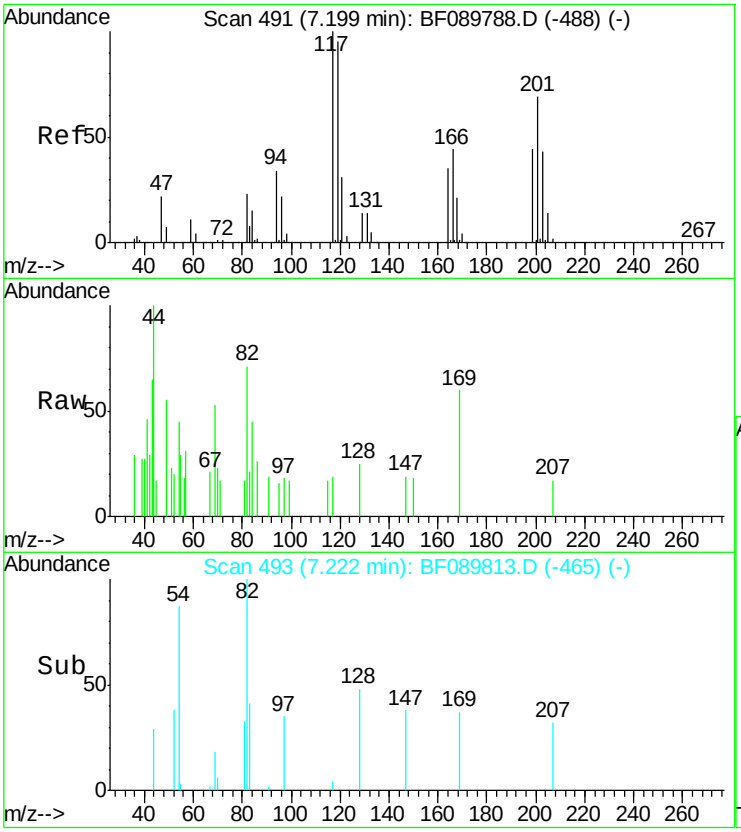


#17
2-Methylphenol
Concen: 0.01 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:107 Resp: 243

Ion	Ratio	Lower	Upper
107	100		
108	86.2	91.0	136.4#
77	87.9	37.4	56.0#
79	105.1	36.6	55.0#



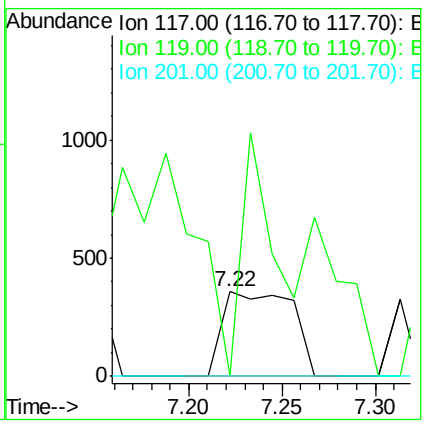


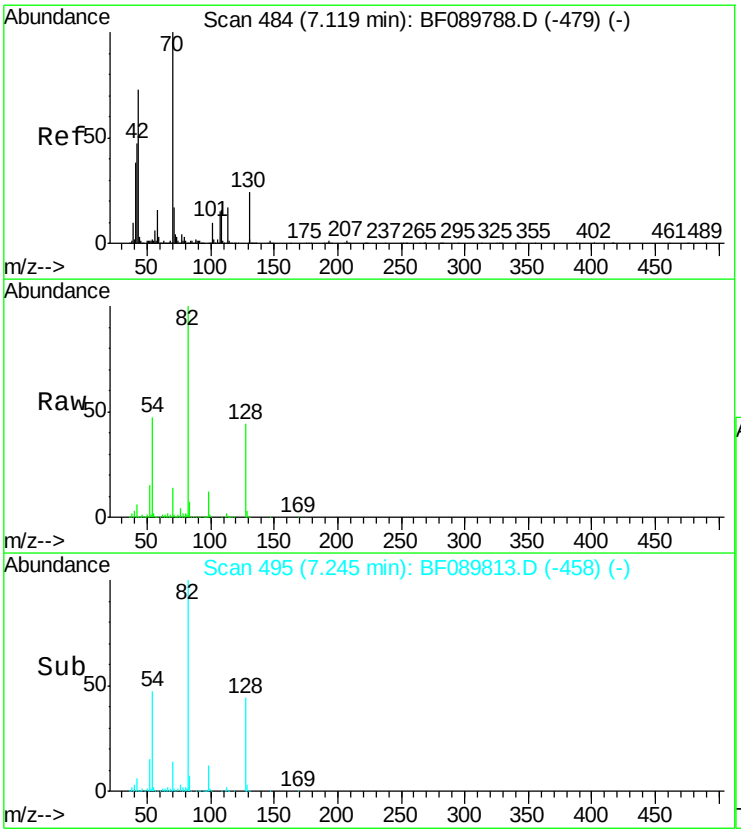
#18
Hexachloroethane
Concen: 0.06 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:117 Resp: 922

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.1	115.7#
201	0.0	76.9	115.3#

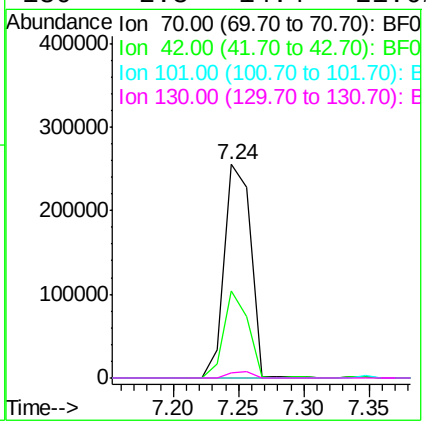


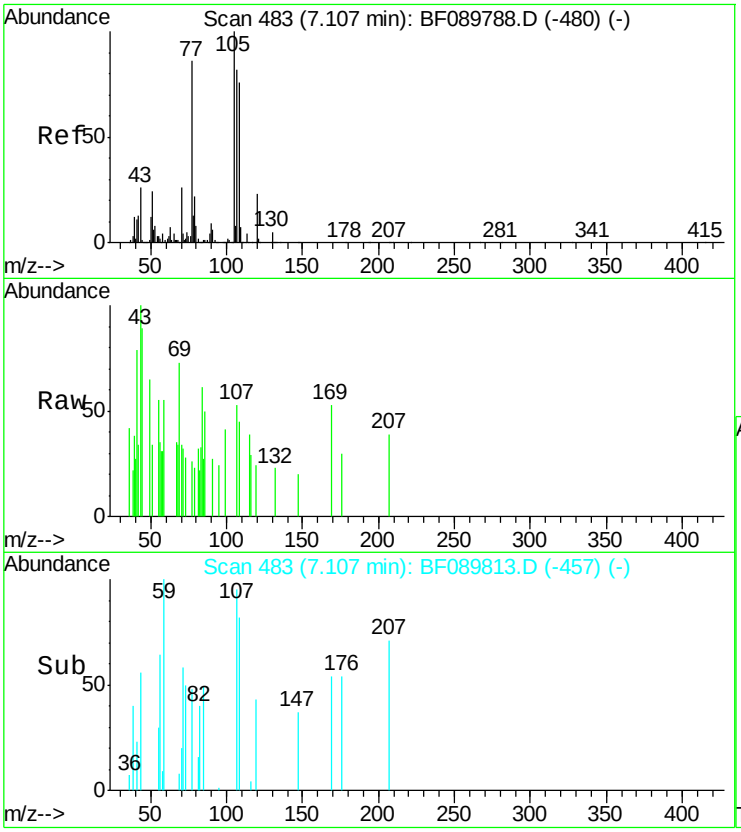


#19
n-Nitroso-di-n-propylamine
Concen: 13.41 ng
RT: 7.24 min Scan# 495
Delta R.T. 0.13 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 70 Resp: 357842

Ion	Ratio	Lower	Upper
70	100		
42	40.8	46.3	69.5#
101	0.0	7.0	10.6#
130	2.3	14.4	21.6#



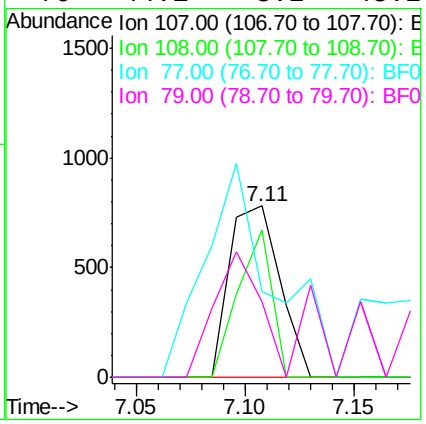


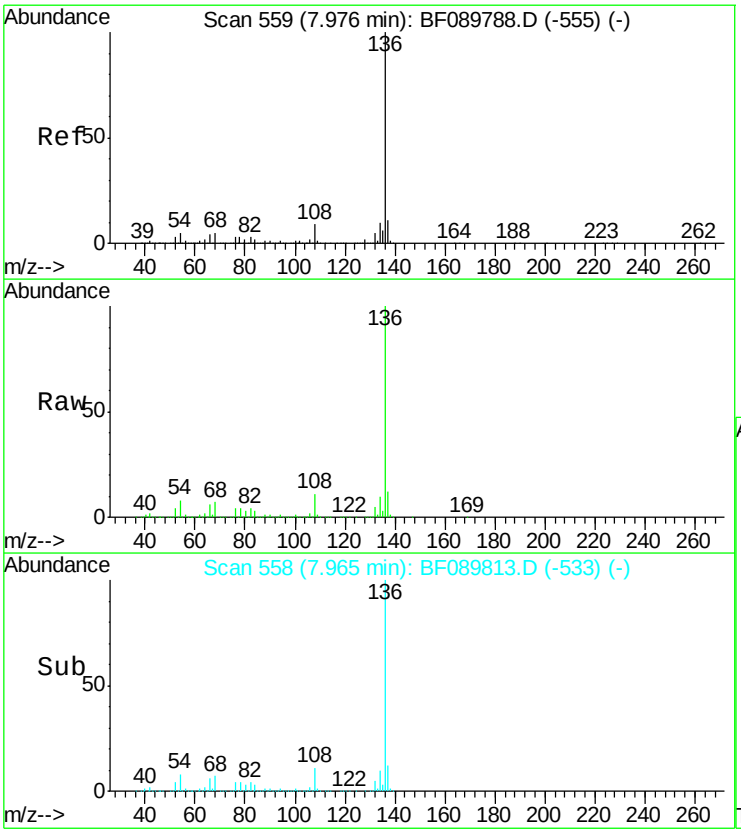
#20
3+4-Methylphenols
Concen: 0.03 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:107 Resp: 1259

Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.2	108.2
77	49.9	122.3	162.3#
79	44.1	8.2	48.2

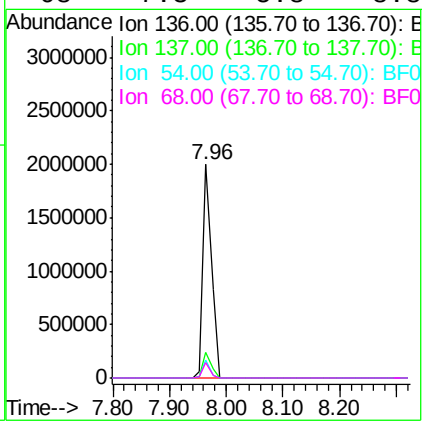


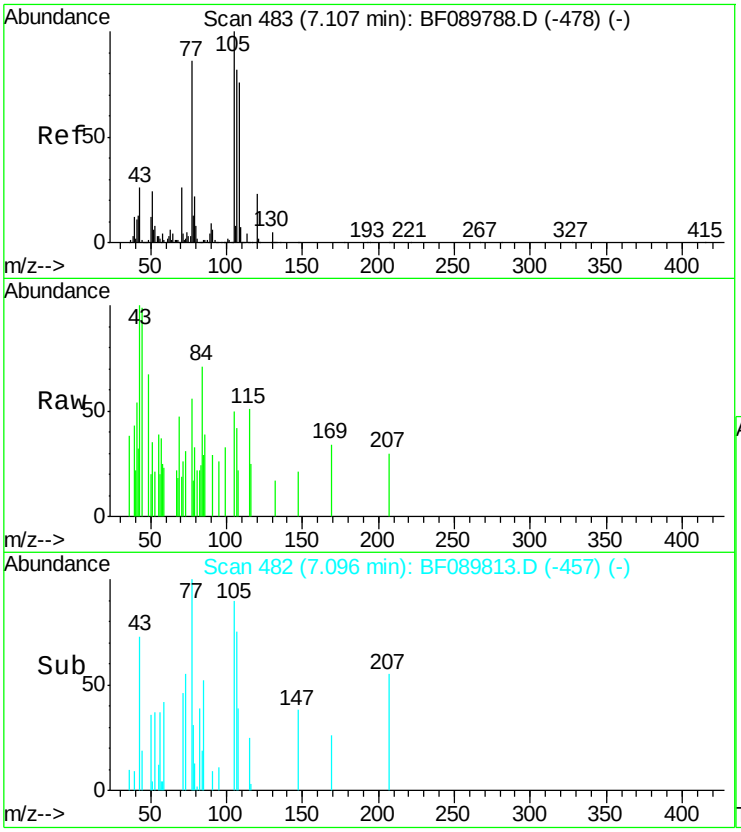


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:136 Resp: 1997355

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.2	13.8
54	8.4	7.2	10.8
68	7.3	5.8	8.8



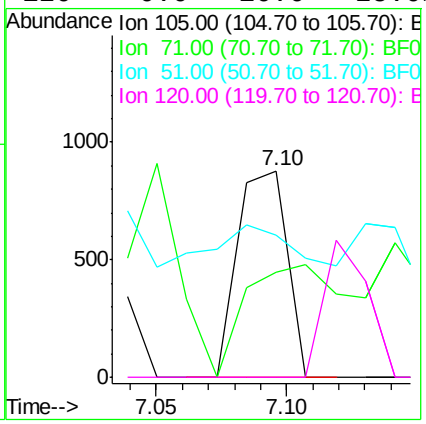


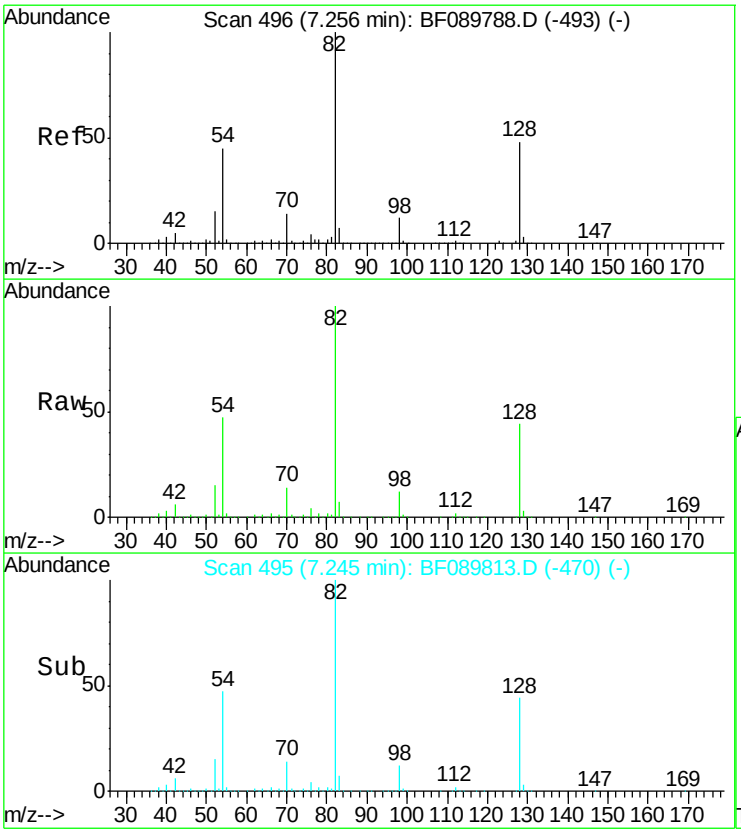
#22
Acetophenone
Concen: 0.03 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:105 Resp: 1171

Ion	Ratio	Lower	Upper
105	100		
71	50.8	1.9	2.9#
51	69.1	28.5	42.7#
120	0.0	16.6	25.0#

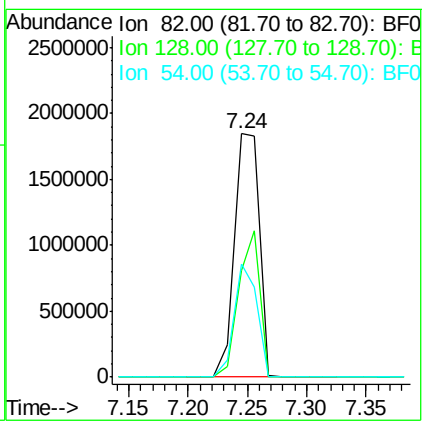


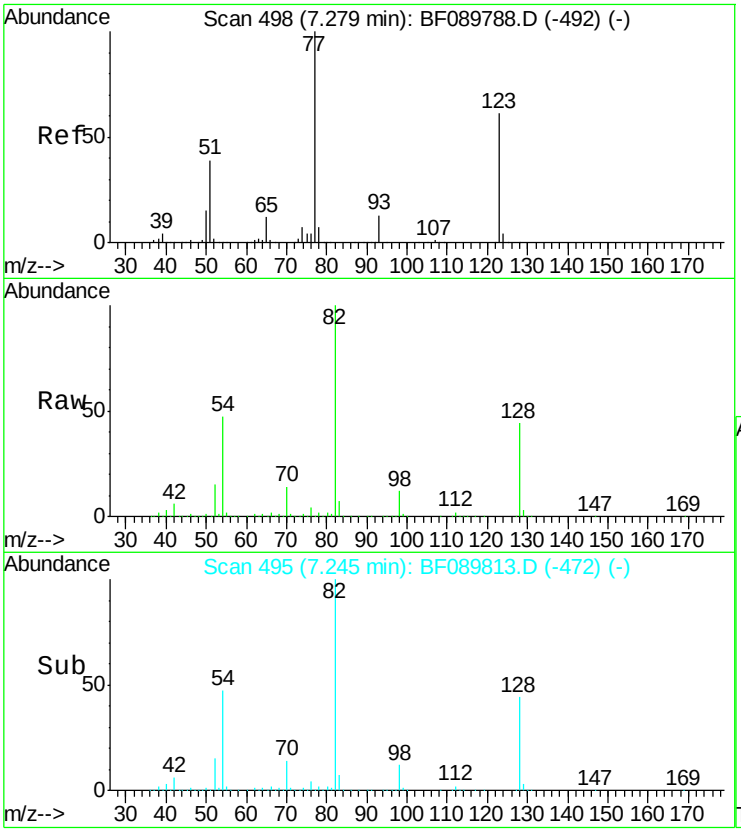


#23
Nitrobenzene-d5
Concen: 84.10 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 82 Resp: 2703796

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.4	51.6
54	46.6	40.3	60.5



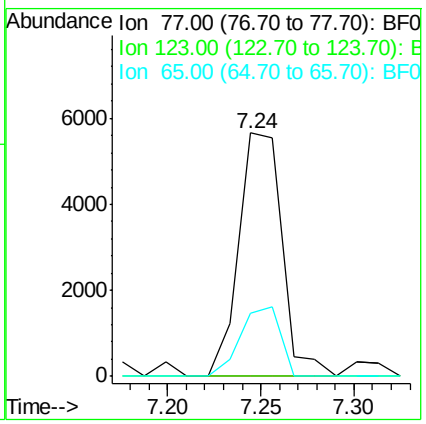


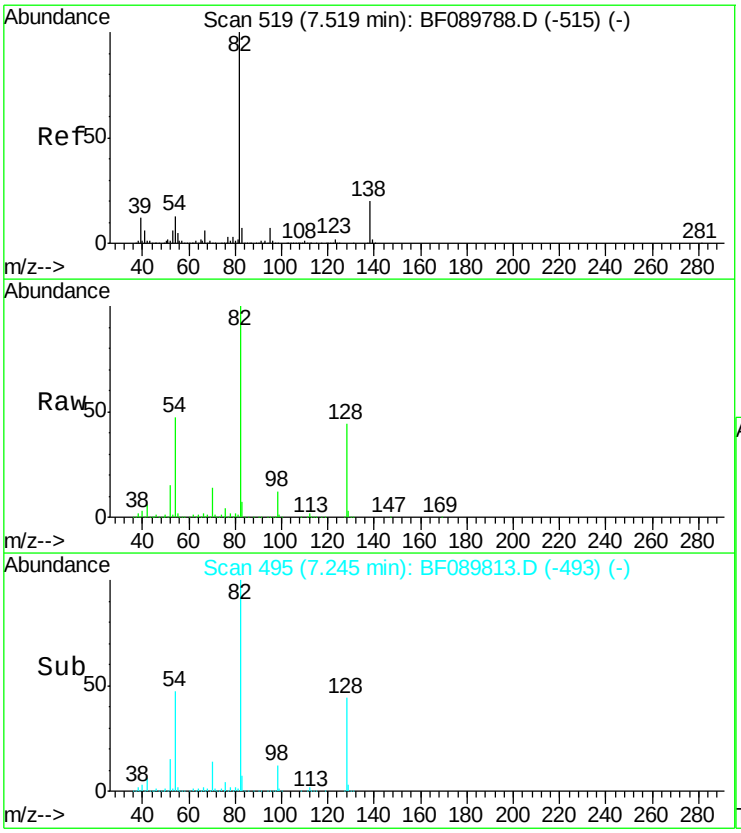
#24
Nitrobenzene
Concen: 0.25 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.03 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 77 Resp: 9120

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	26.1	10.6	15.8#

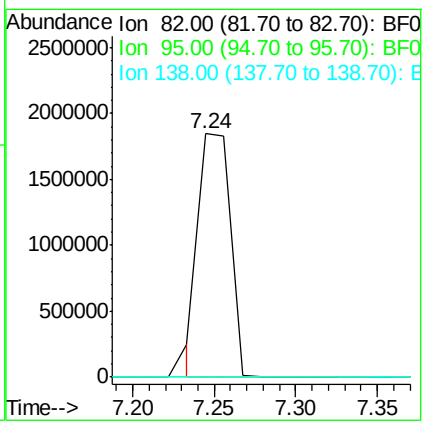


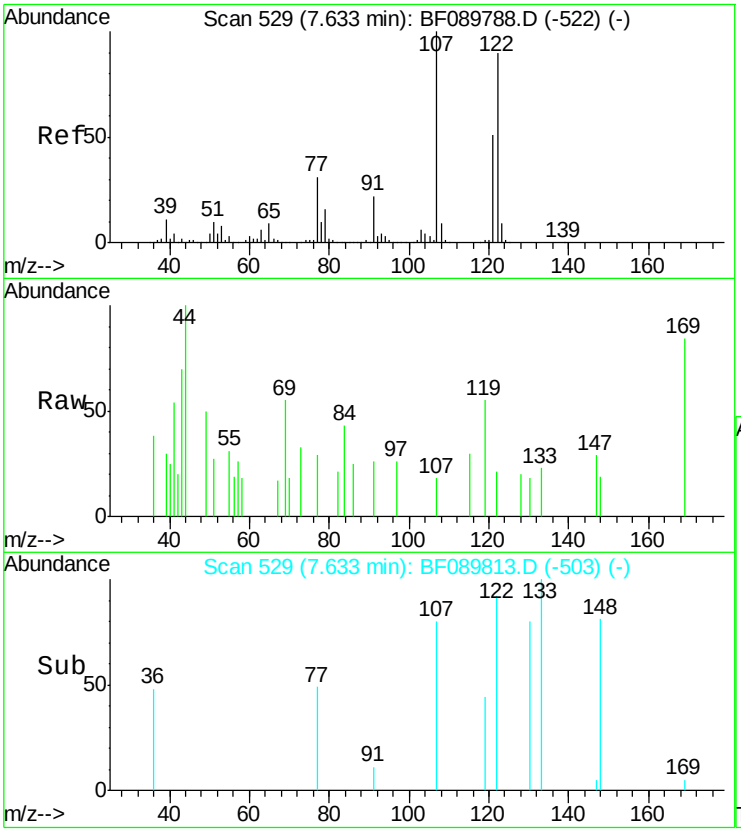


#25
Isophorone
Concen: 38.99 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.27 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 82 Resp: 2528025

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.0	19.4#



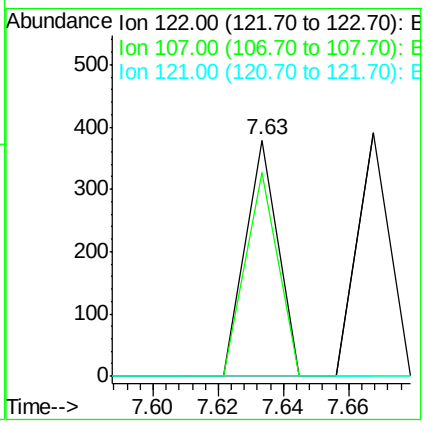


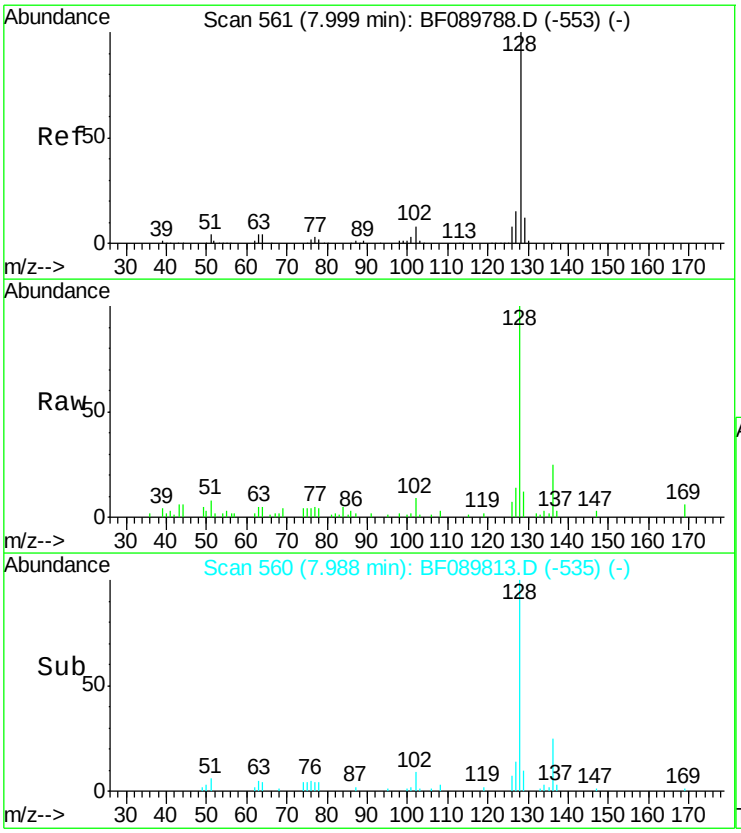
#27
2,4-Dimethylphenol
Concen: 0.01 ng
RT: 7.63 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:122 Resp: 260

Ion	Ratio	Lower	Upper
122	100		
107	86.5	84.8	127.2
121	0.0	47.0	70.6#

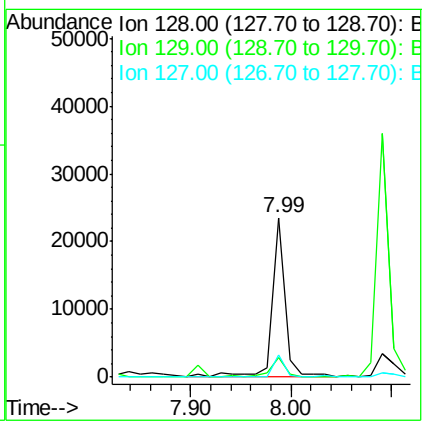


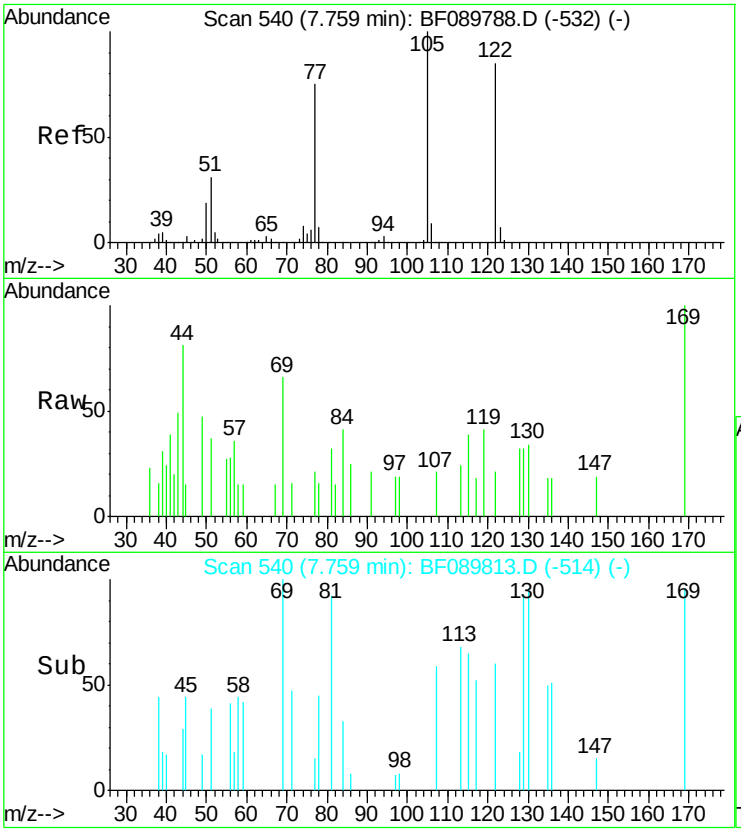


#31
Naphthalene
Concen: 0.23 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:128 Resp: 21284

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.5	14.3
127	14.1	11.3	16.9



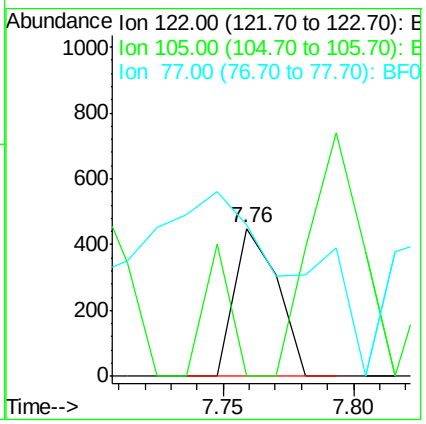


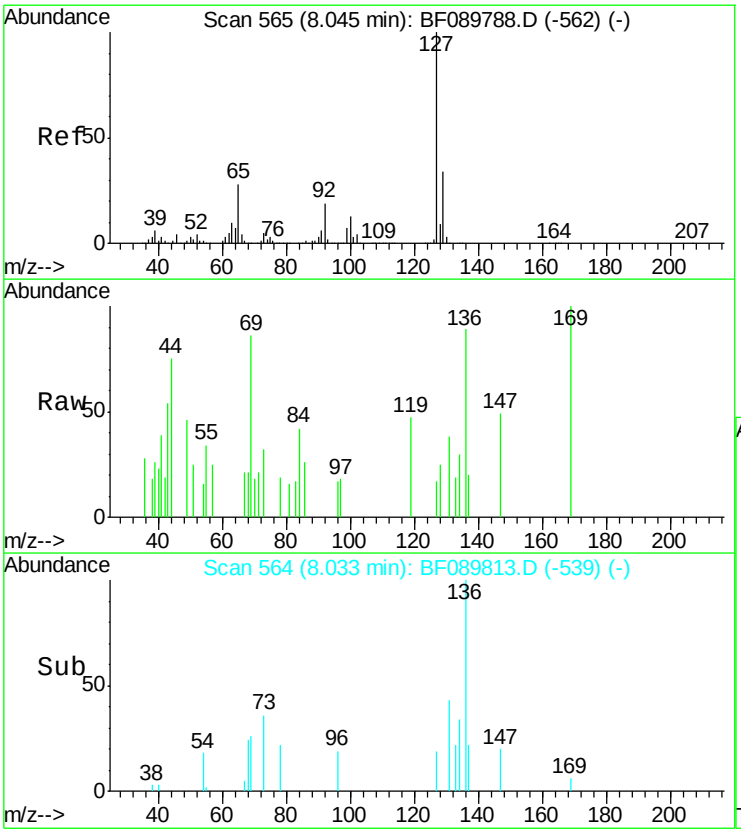
#32
Benzoic acid
Concen: 0.02 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:122 Resp: 519

Ion	Ratio	Lower	Upper
122	100		
105	0.0	100.8	140.8#
77	102.2	72.1	112.1

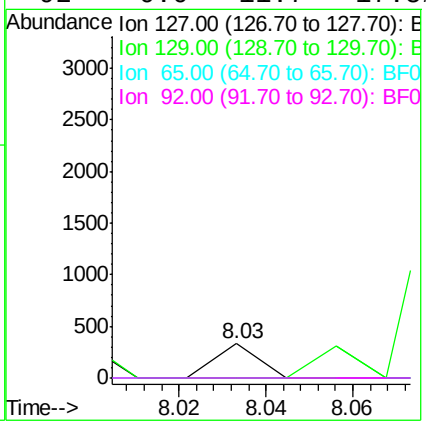


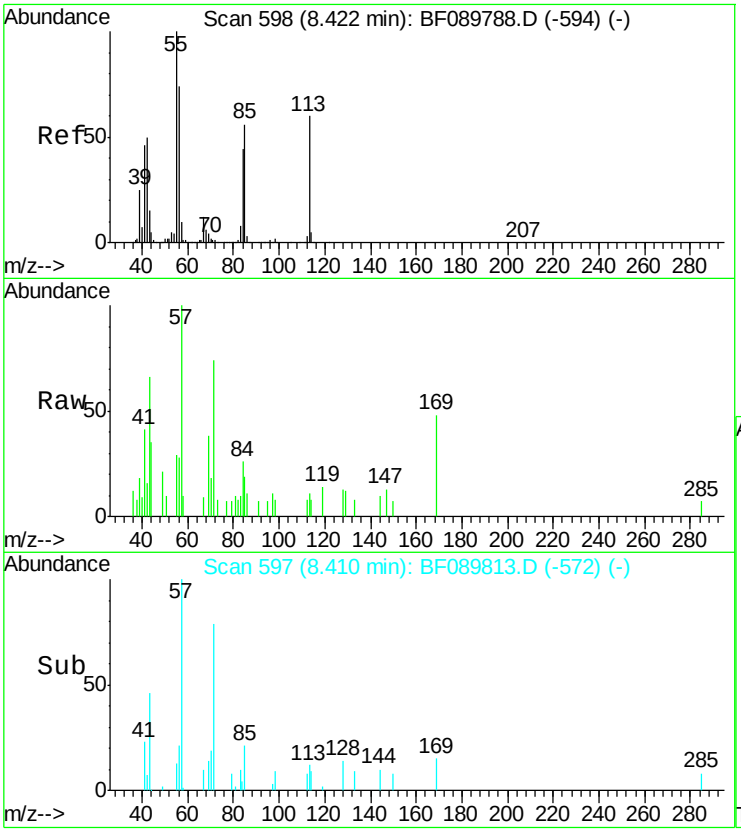


#33
4-Chloroaniline
Concen: 0.01 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:127 Resp: 226

Ion	Ratio	Lower	Upper
127	100		
129	0.0	27.0	40.6#
65	0.0	14.7	22.1#
92	0.0	11.7	17.5#



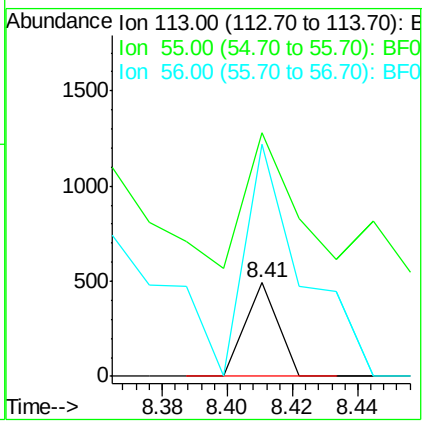


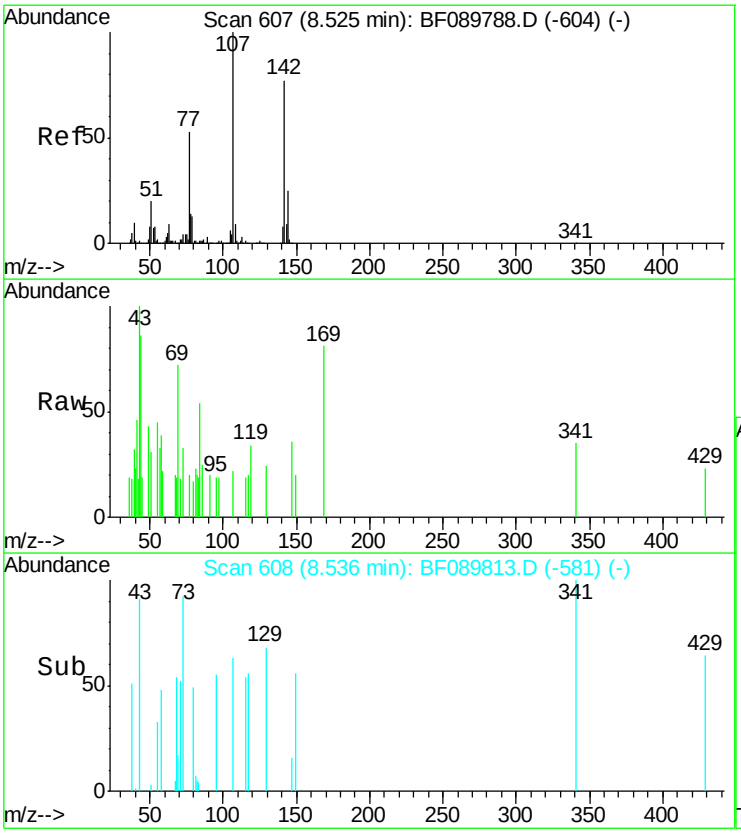
#35
Caprolactam
Concen: 0.04 ng
RT: 8.41 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:113 Resp: 337

Ion	Ratio	Lower	Upper
113	100		
55	260.5	135.9	175.9#
56	248.5	93.9	133.9#

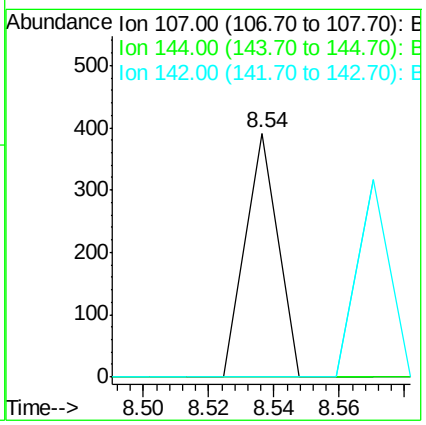


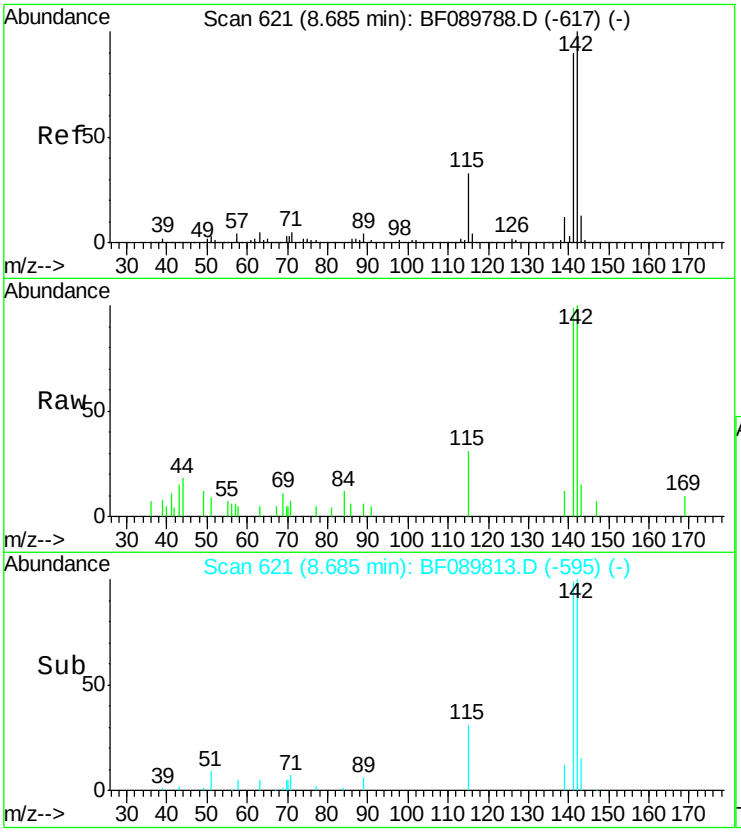


#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 8.54 min Scan# 608
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:107 Resp: 268

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.6	34.0#
142	0.0	69.3	103.9#



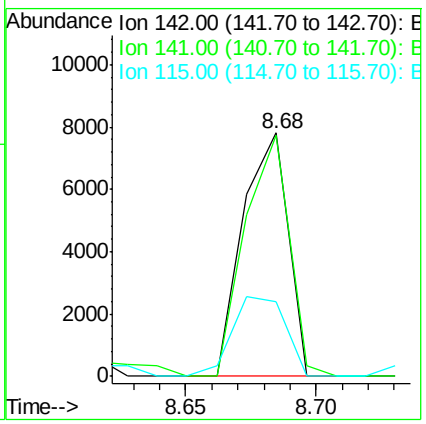


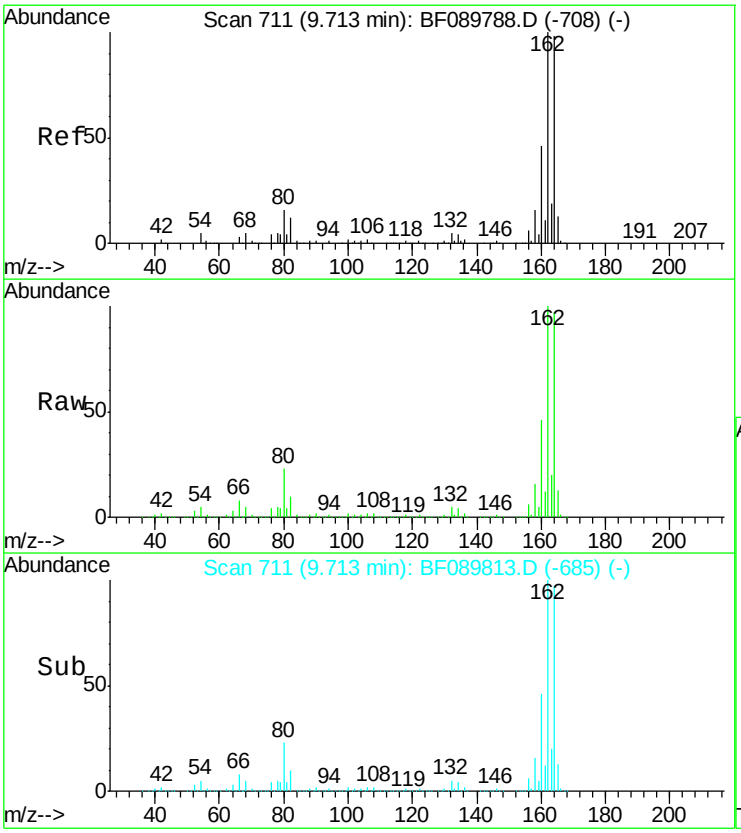
#37
2-Methylnaphthalene
Concen: 0.16 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:142 Resp: 9374

Ion	Ratio	Lower	Upper
142	100		
141	99.2	71.4	107.2
115	30.9	22.7	34.1

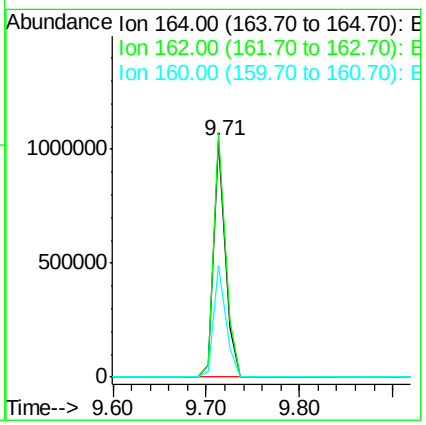


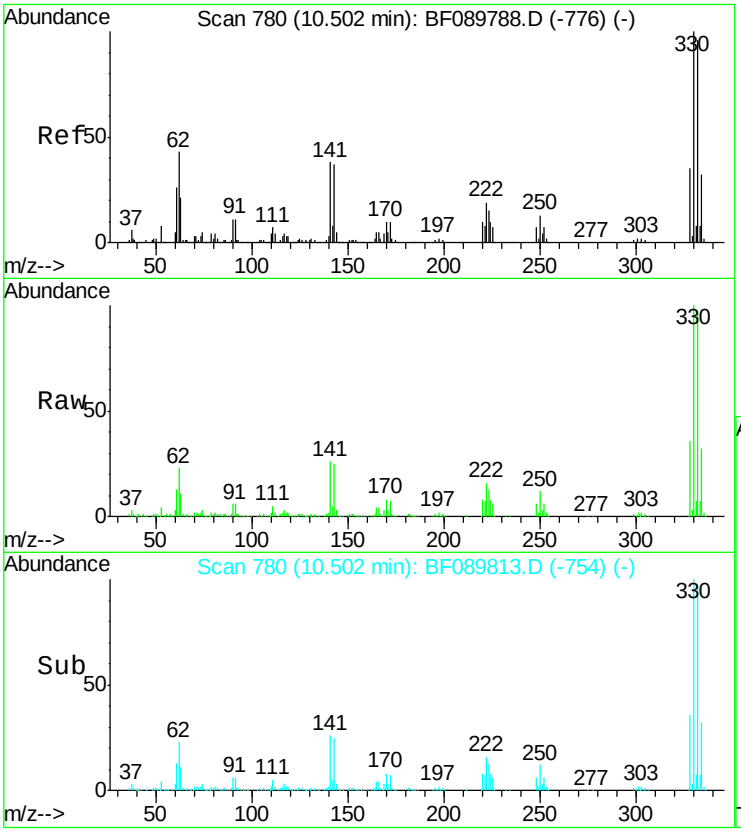


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:164 Resp: 897792

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	47.6	37.8	56.6



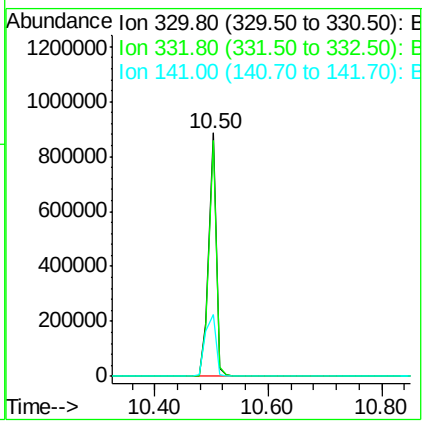


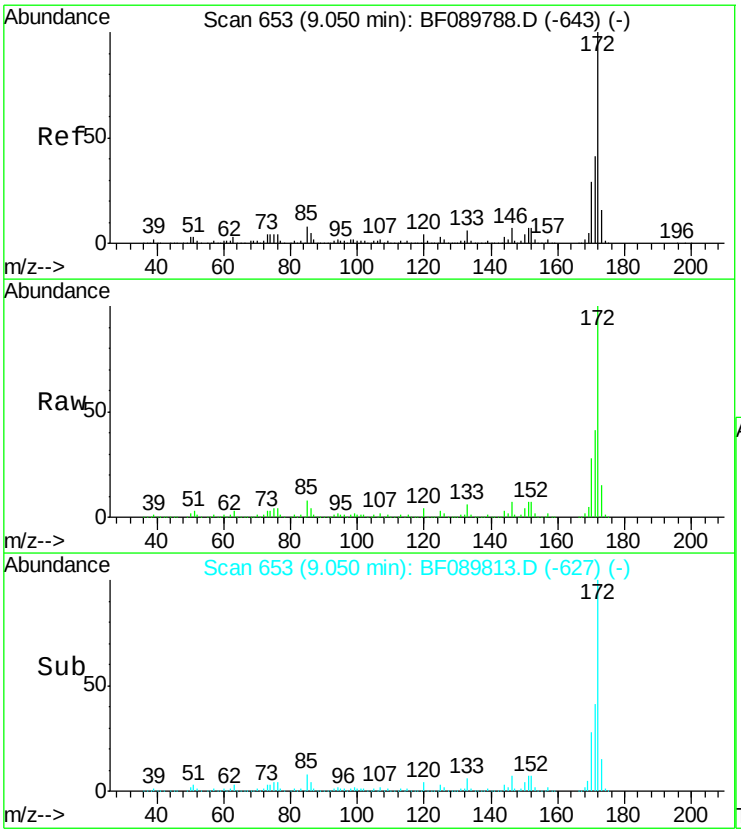
#41
2,4,6-Tribromophenol
Concen: 91.25 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:330 Resp: 778571

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.7	115.1
141	35.9	30.2	45.2

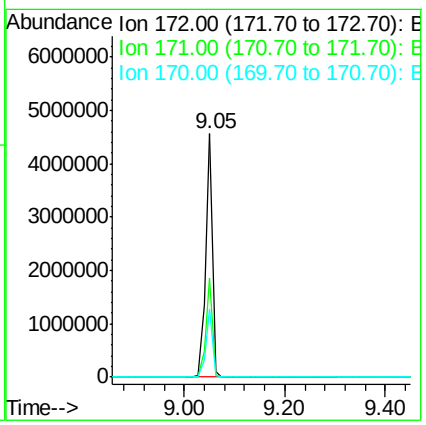


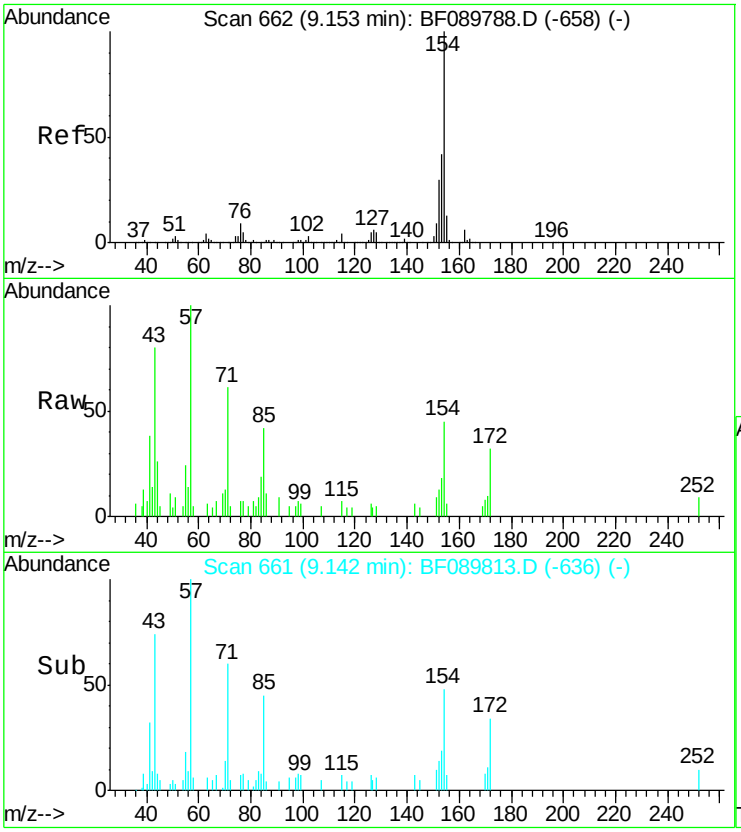


#44
2-Fluorobiphenyl
Concen: 82.00 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:172 Resp: 4188627

Ion	Ratio	Lower	Upper
172	100		
171	40.6	30.5	45.7
170	28.1	20.6	31.0



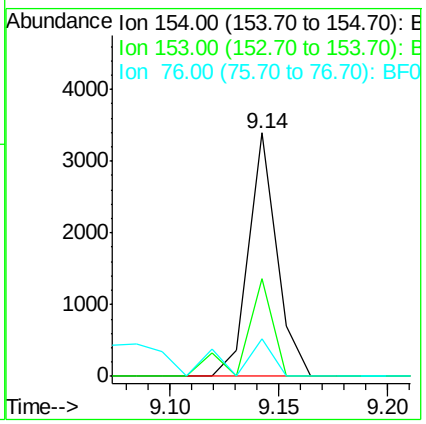


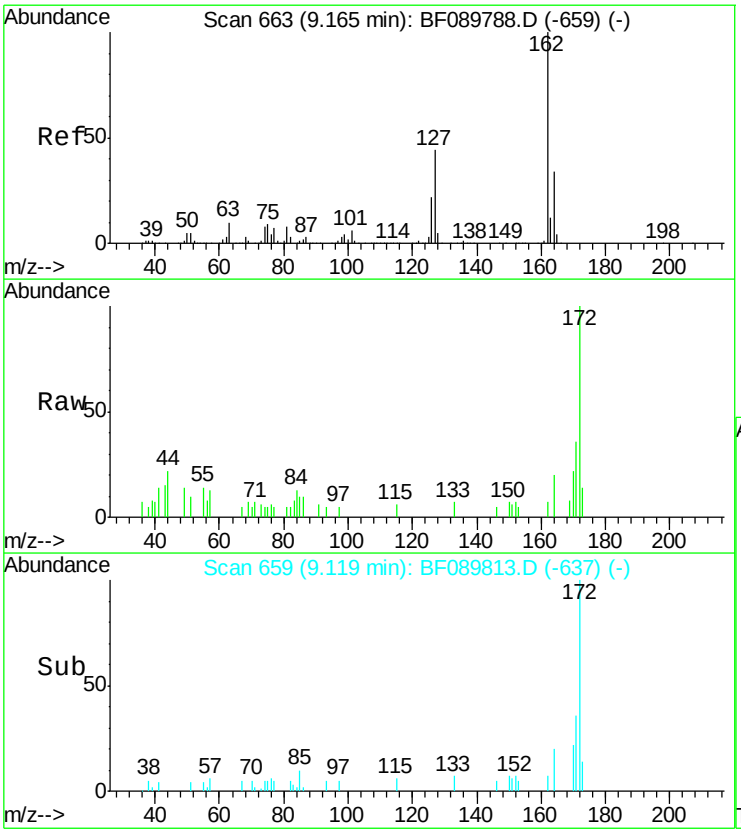
#45
1,1'-Biphenyl
Concen: 0.04 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:154 Resp: 3052

Ion	Ratio	Lower	Upper
154	100		
153	40.1	21.5	61.5
76	15.4	0.0	36.7

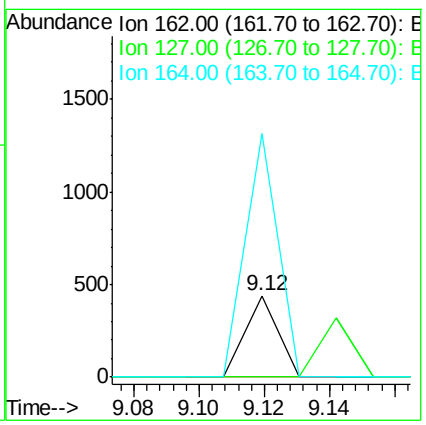


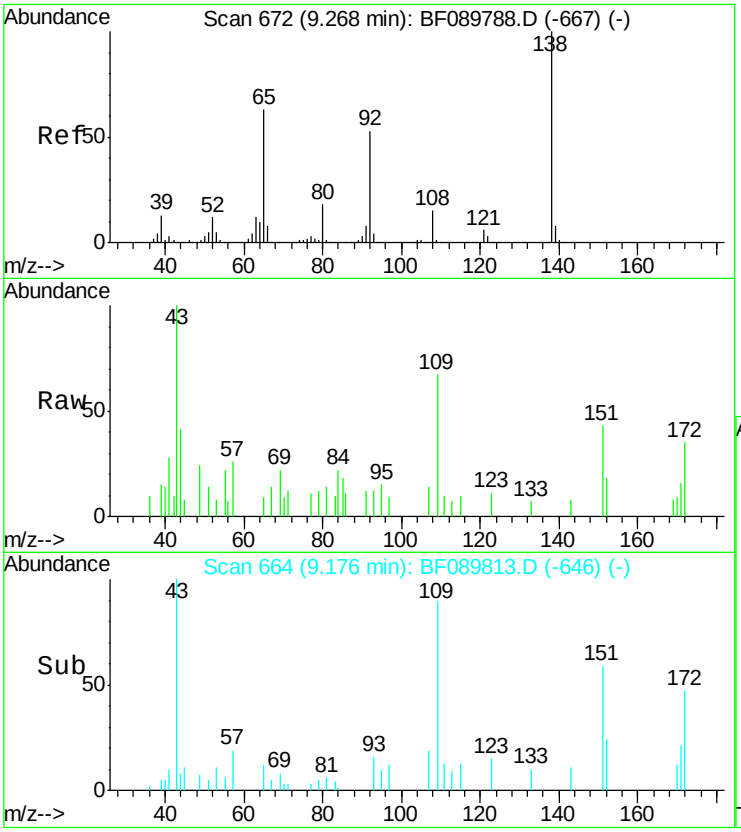


#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.12 min Scan# 659
Delta R.T. -0.05 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:162 Resp: 302

Ion	Ratio	Lower	Upper
162	100		
127	0.0	35.5	53.3#
164	298.9	26.6	40.0#



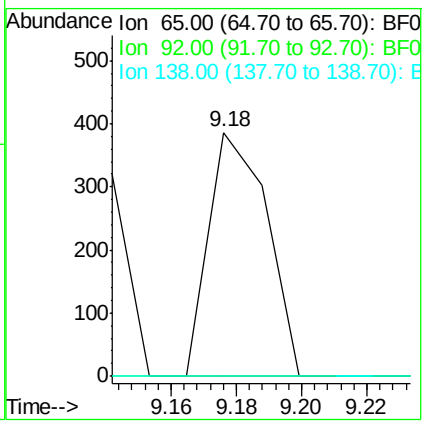


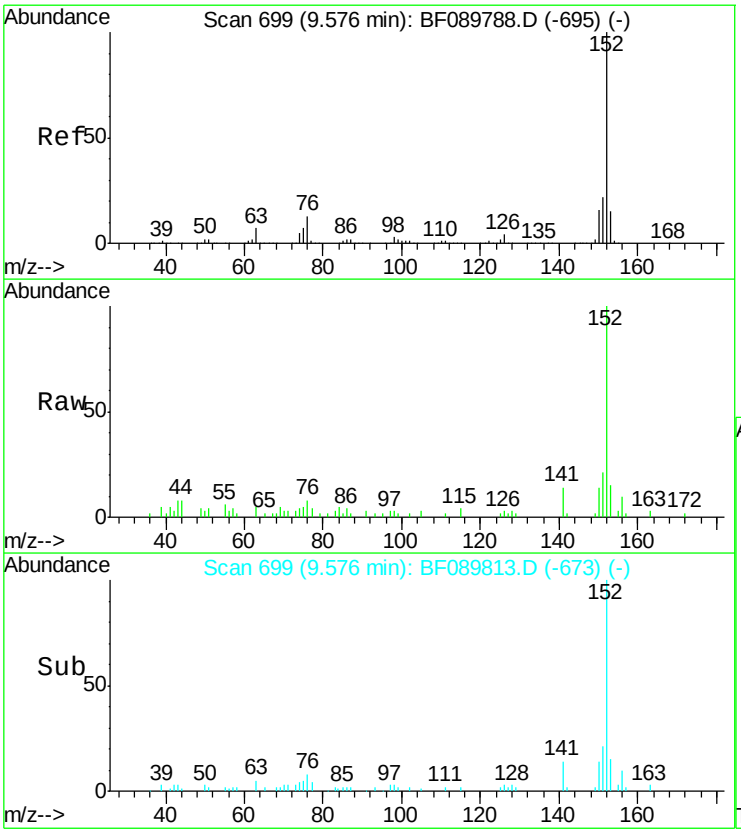
#47
2-Nitroaniline
Concen: 0.03 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.09 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion: 65 Resp: 472

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.3	84.5#
138	0.0	81.8	122.8#

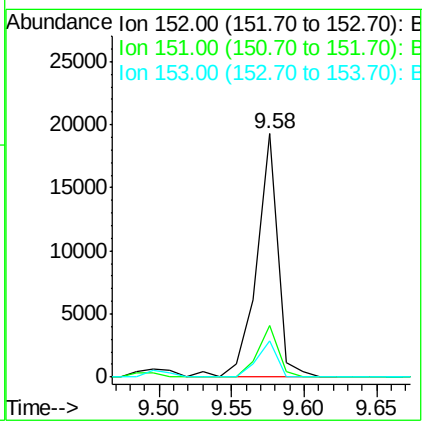


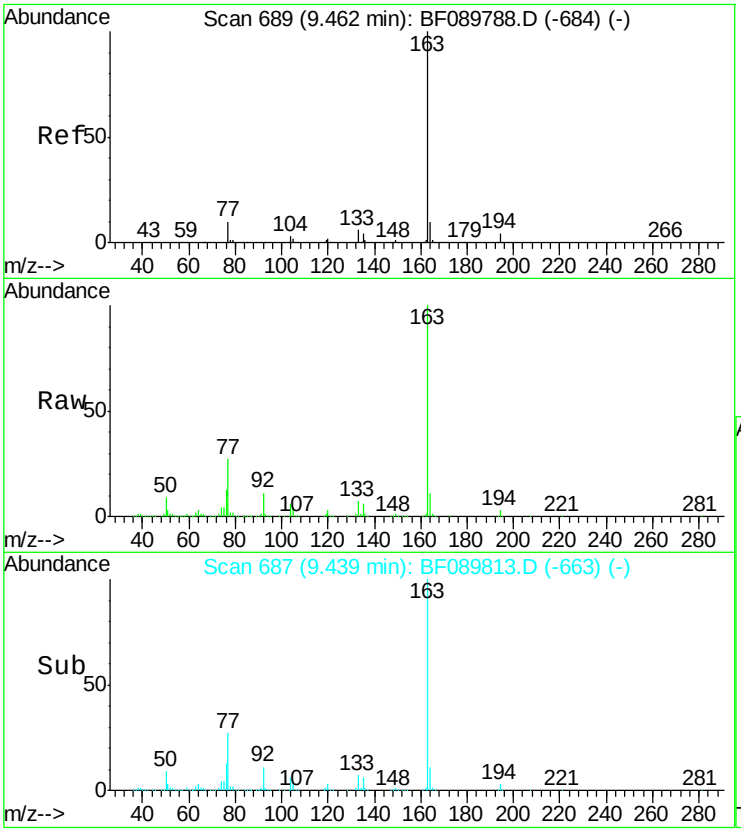


#48
Acenaphthylene
Concen: 0.24 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:152 Resp: 19549

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7
153	15.0	11.2	16.8



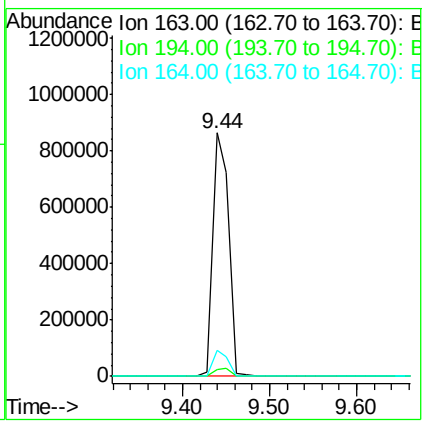


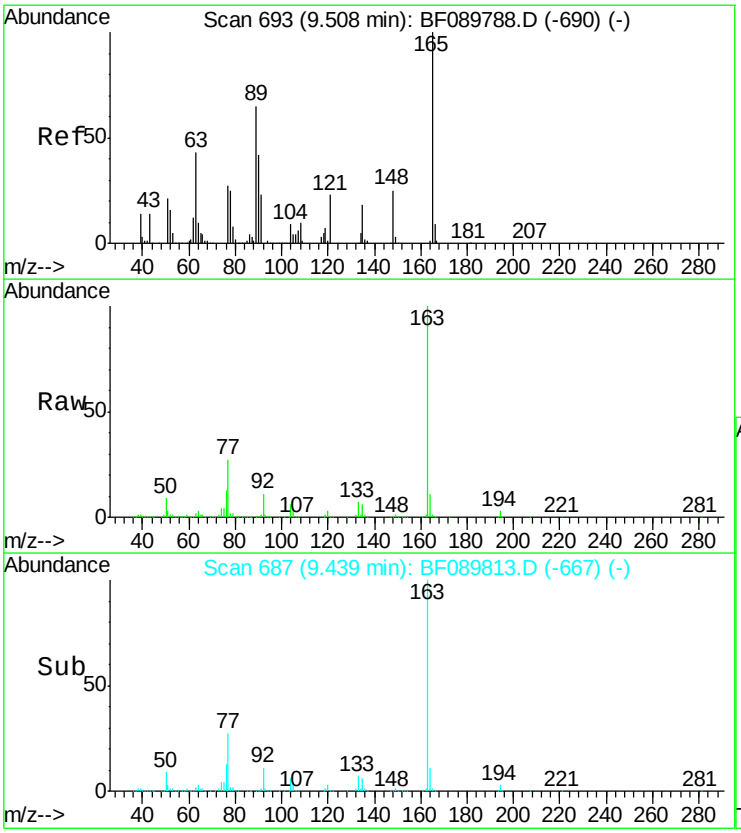
#49
Dimethylphthalate
Concen: 17.65 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:163 Resp: 1115916

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	3.8
164	10.8	8.6	12.8

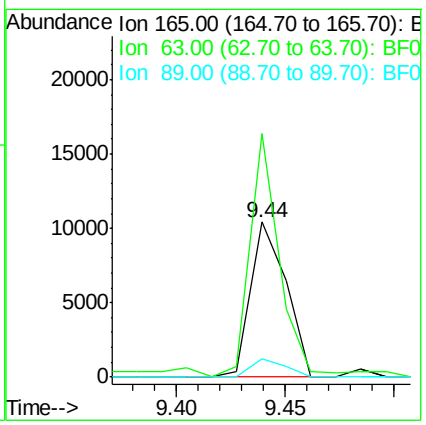


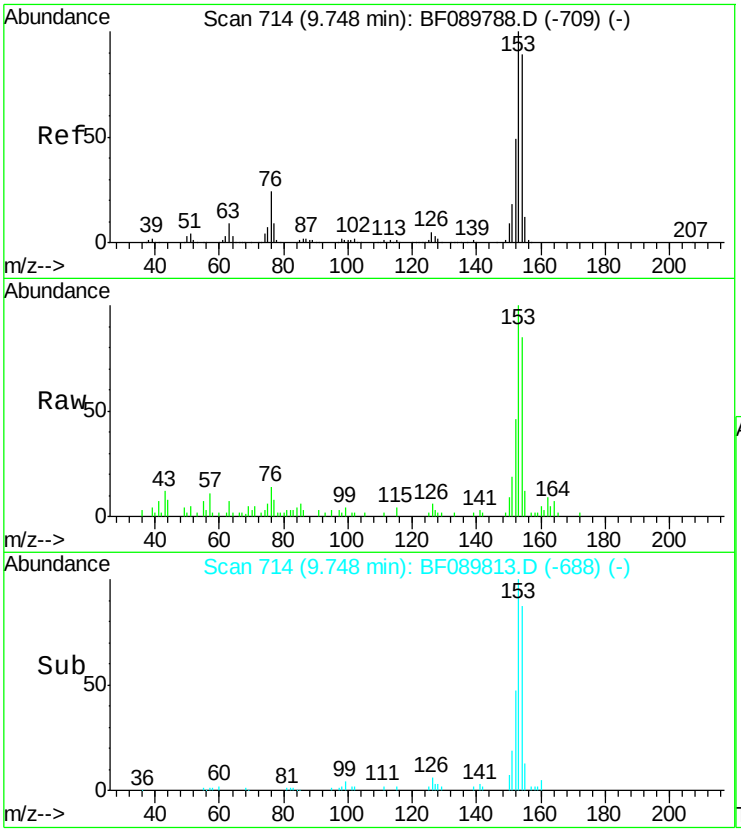


#50
2,6-Dinitrotoluene
Concen: 0.81 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:165 Resp: 11800

Ion	Ratio	Lower	Upper
165	100		
63	157.0	41.7	62.5#
89	12.1	44.6	67.0#



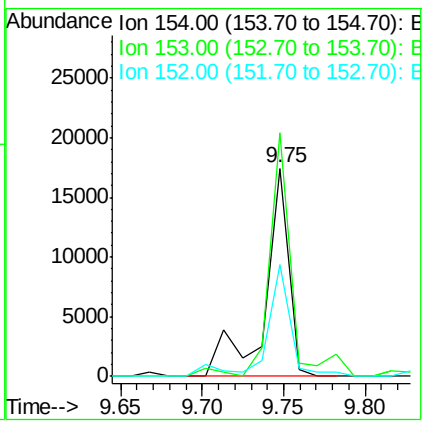


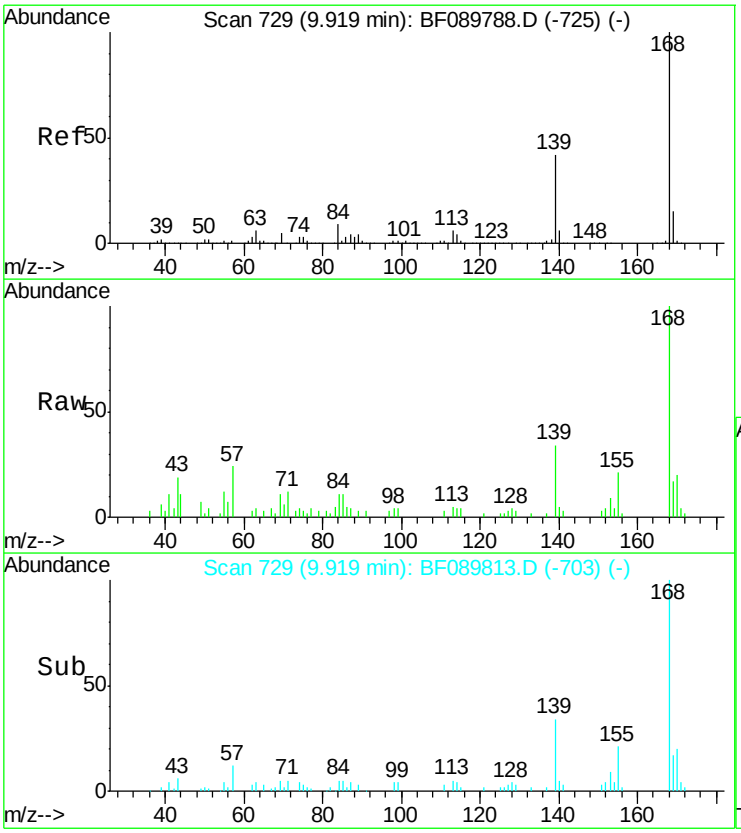
#51
Acenaphthene
Concen: 0.33 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:154 Resp: 17772

Ion	Ratio	Lower	Upper
154	100		
153	117.0	90.5	135.7
152	54.0	44.6	67.0

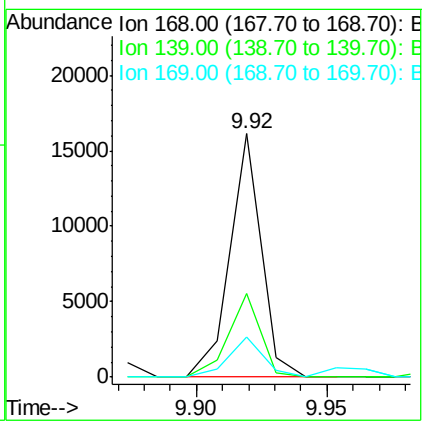


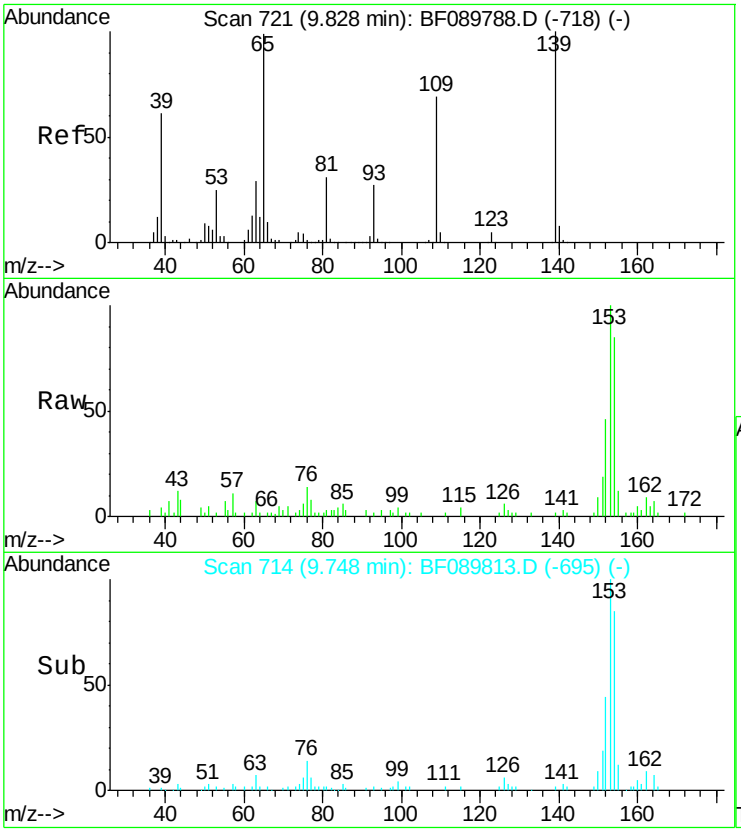


#54
Dibenzofuran
Concen: 0.20 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:168 Resp: 13597

Ion	Ratio	Lower	Upper
168	100		
139	34.2	34.6	52.0#
169	16.6	11.5	17.3



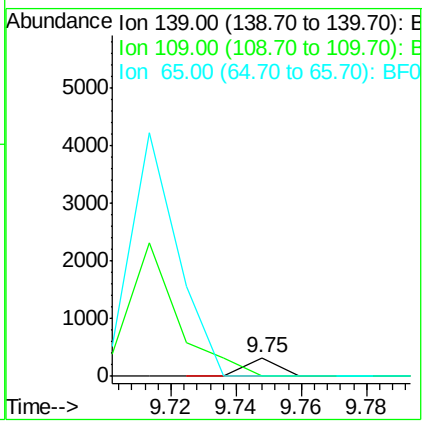


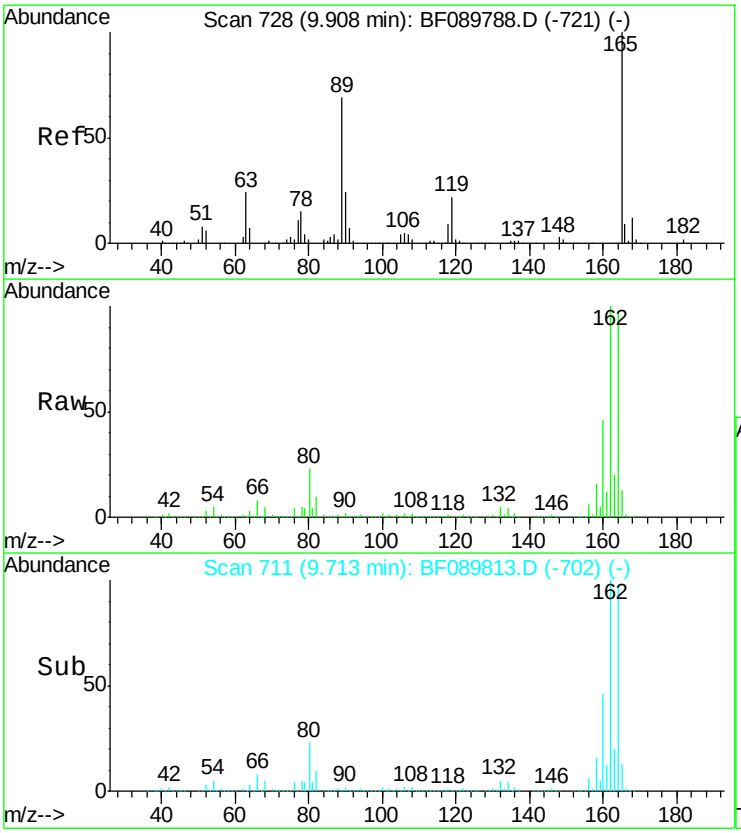
#55
4-Nitrophenol
Concen: 0.02 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.08 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:139 Resp: 222

Ion	Ratio	Lower	Upper
139	100		
109	0.0	43.0	83.0#
65	0.0	55.7	95.7#

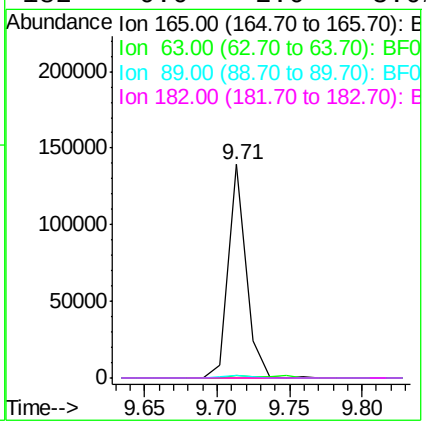


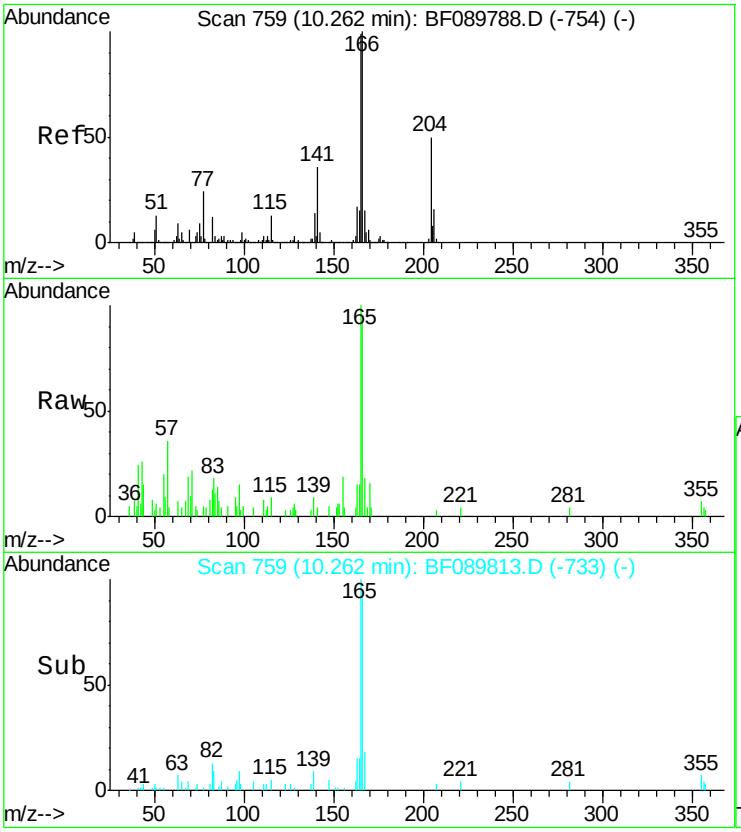


#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:165 Resp: 118724

Ion	Ratio	Lower	Upper
165	100		
63	1.2	23.7	35.5#
89	1.4	44.0	66.0#
182	0.0	2.0	3.0#



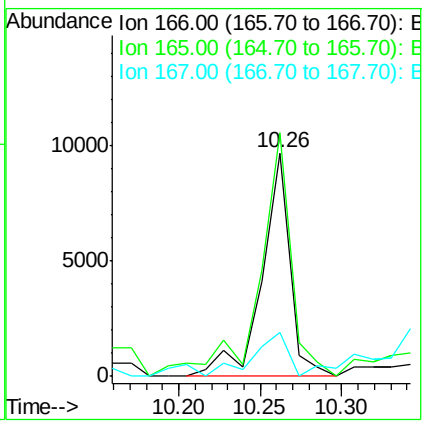


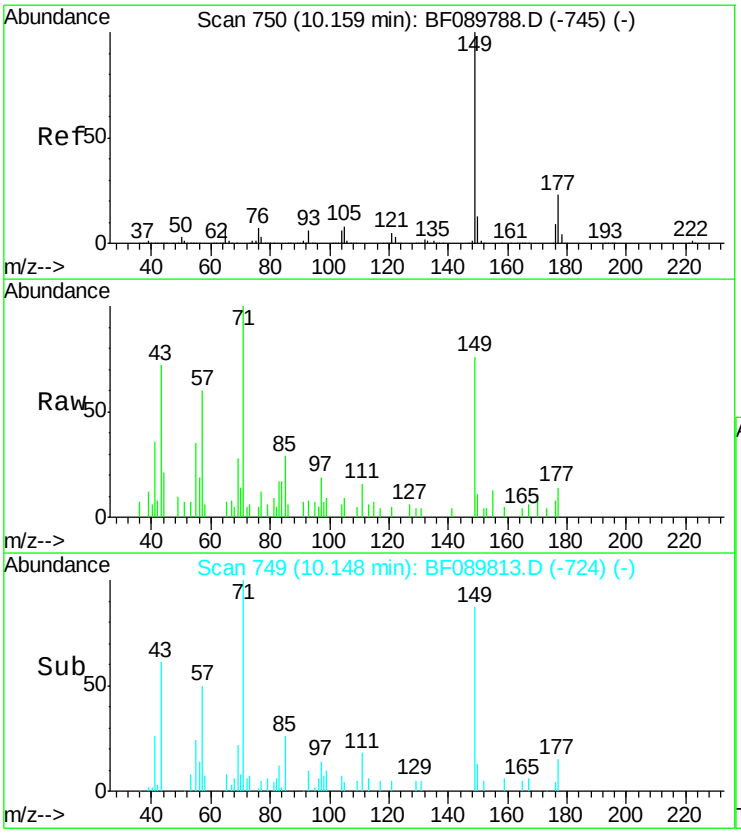
#57
Fluorene
Concen: 0.21 ng
RT: 10.26 min Scan# 759
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:166 Resp: 11618

Ion	Ratio	Lower	Upper
166	100		
165	108.9	80.2	120.4
167	19.8	11.3	16.9#

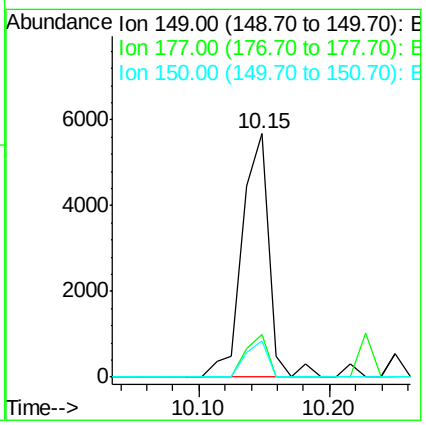


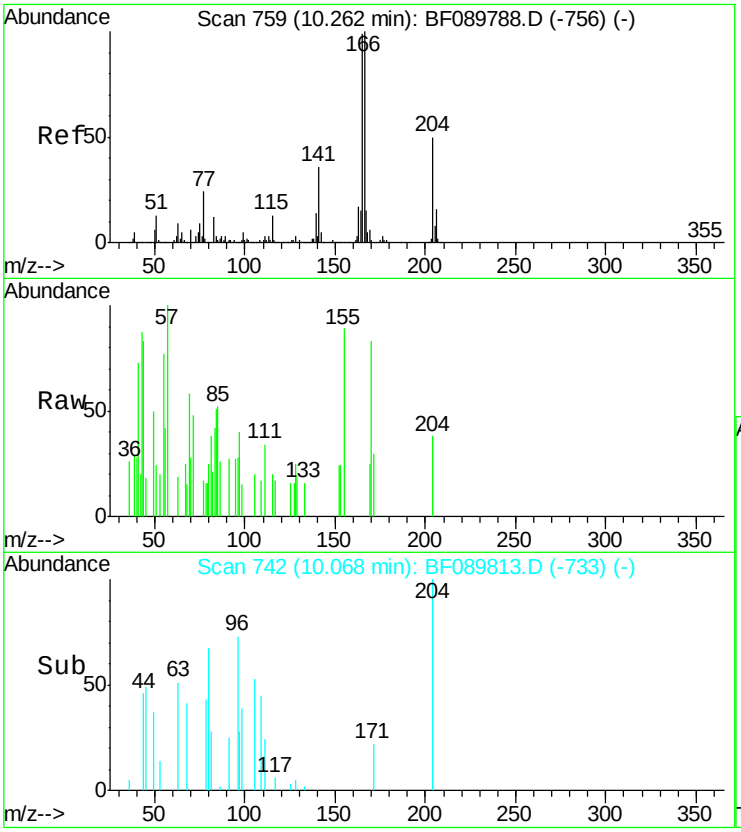


#59
Diethylphthalate
Concen: 0.13 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:149 Resp: 8096

Ion	Ratio	Lower	Upper
149	100		
177	17.7	16.6	25.0
150	14.9	10.5	15.7



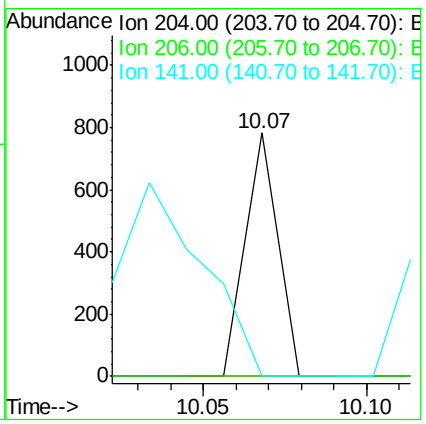


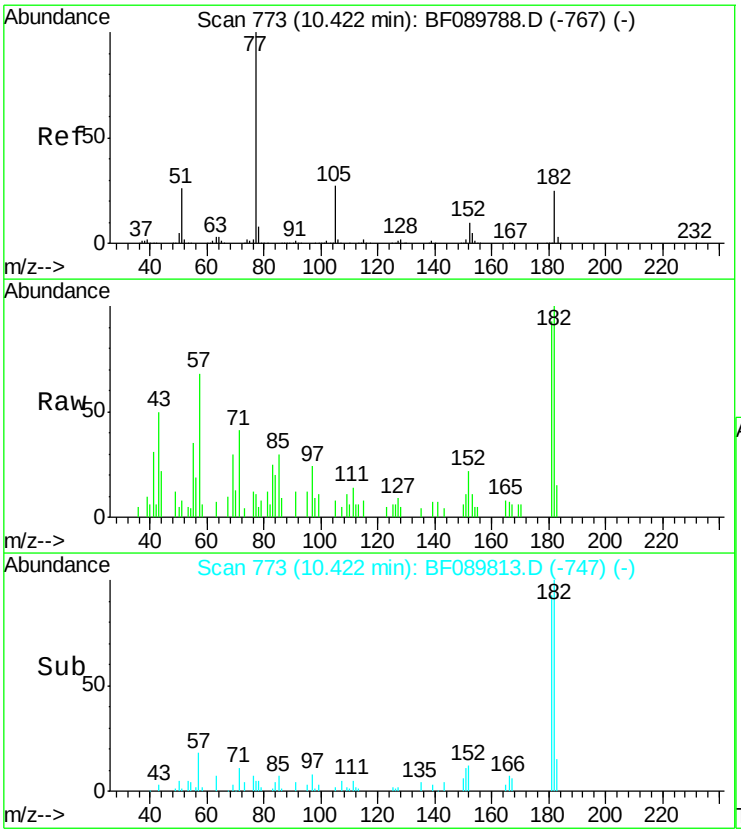
#60
4-Chlorophenyl-phenylether
Concen: 0.02 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.19 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:204 Resp: 537

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	0.0	54.1	81.1#

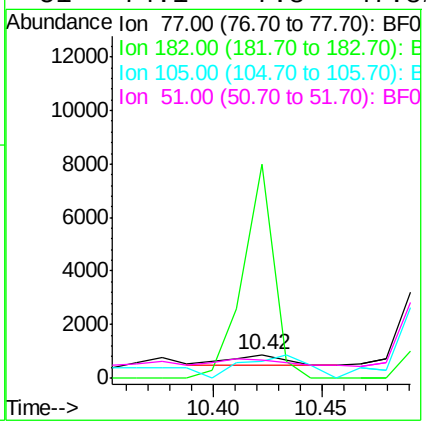


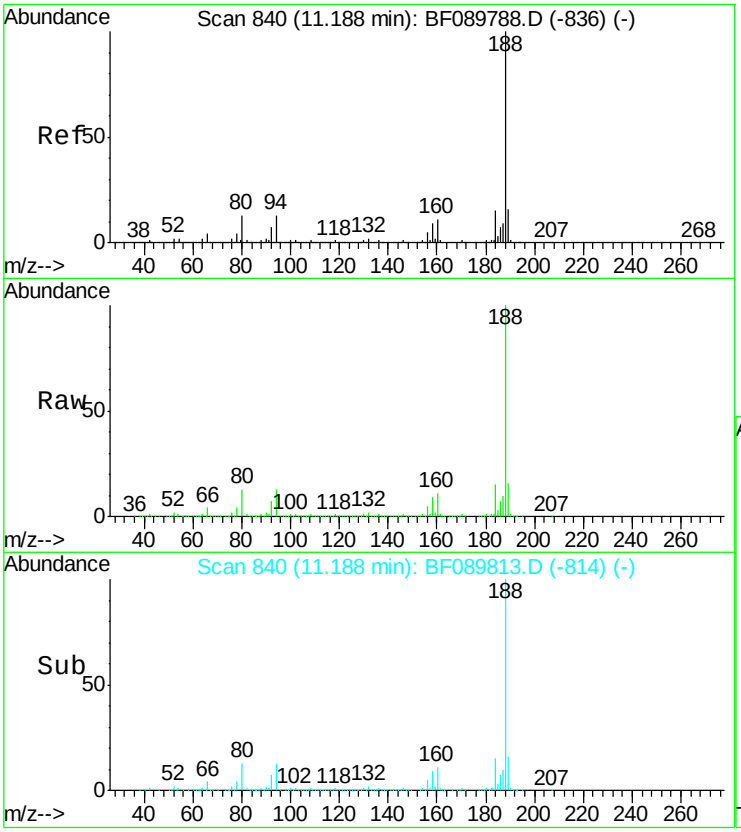


#62
Azobenzene
Concen: 0.01 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion: 77 Resp: 643

Ion	Ratio	Lower	Upper
77	100		
182	908.9	5.6	45.6#
105	71.2	4.0	44.0#
51	74.1	7.8	47.8#



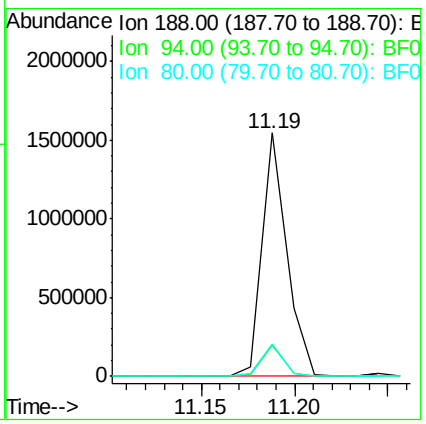


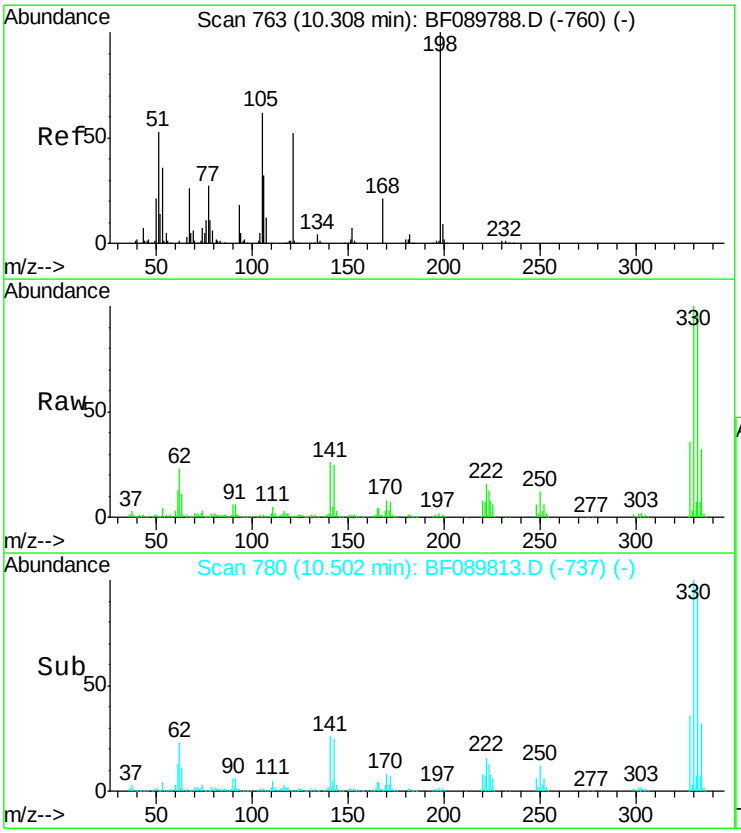
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:188 Resp: 1408358

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.2	15.2
80	13.1	10.9	16.3

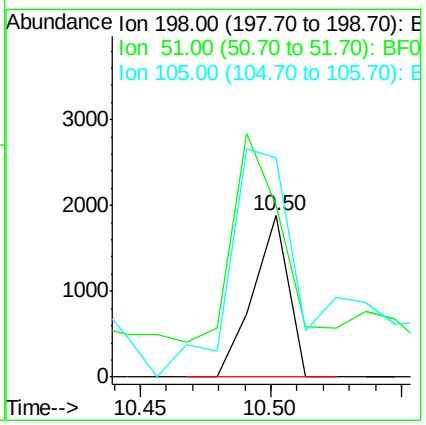


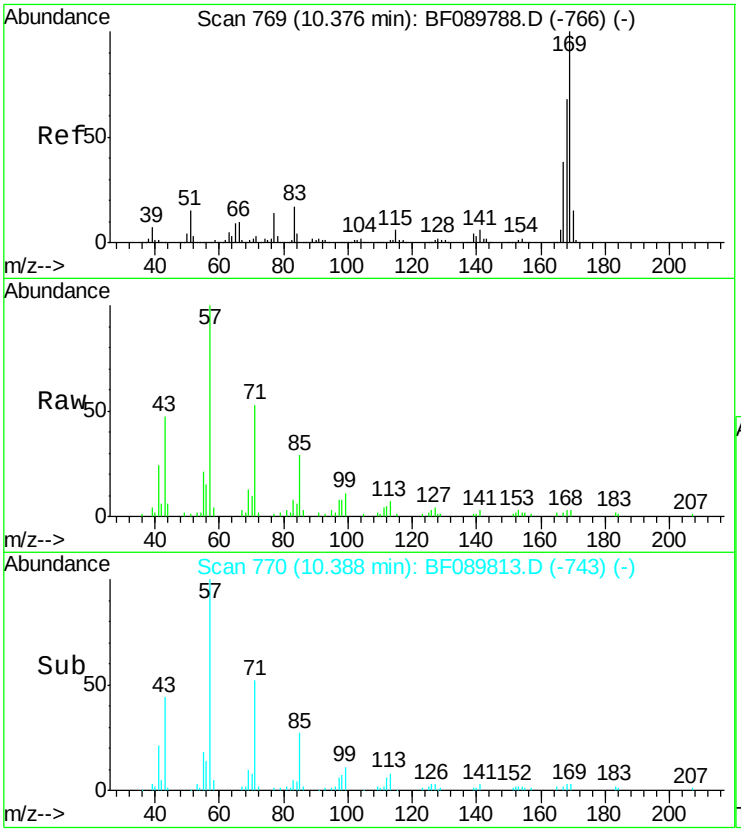


#64
4,6-Dinitro-2-methylphenol
Concen: 0.22 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.20 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:198 Resp: 1793

Ion	Ratio	Lower	Upper
198	100		
51	106.4	32.3	72.3#
105	135.8	32.9	72.9#



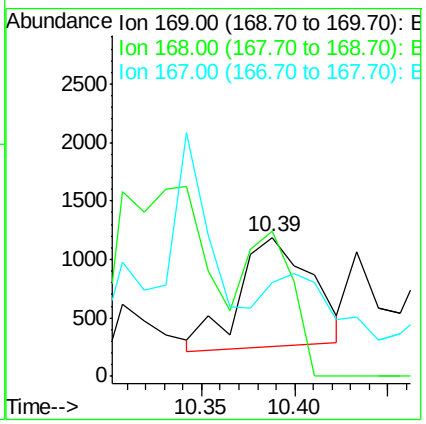


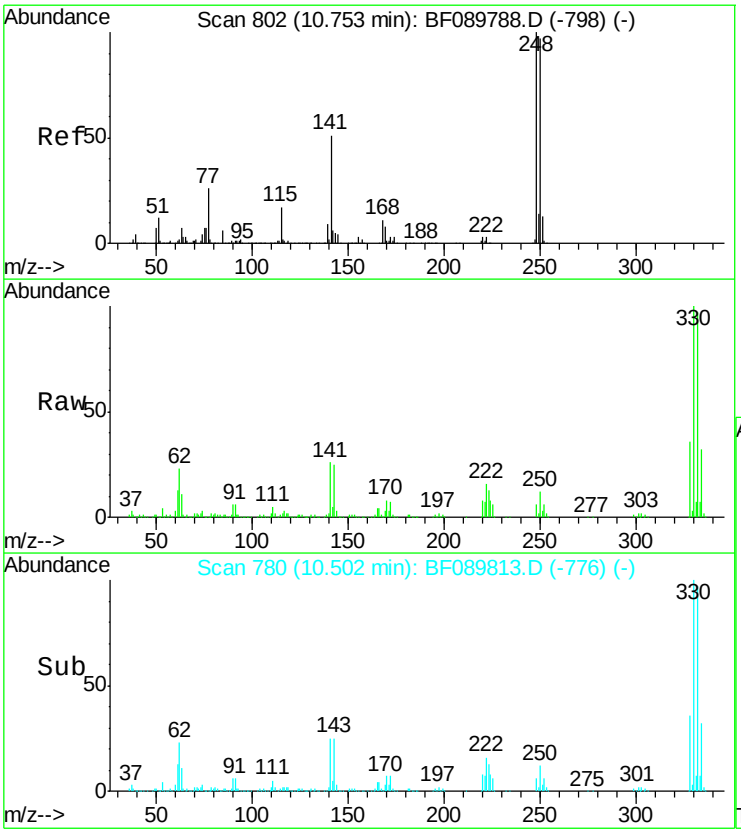
#65
n-Nitrosodiphenylamine
Concen: 0.06 ng
RT: 10.39 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:169 Resp: 2514

Ion	Ratio	Lower	Upper
169	100		
168	104.2	54.6	82.0#
167	67.7	30.6	45.8#

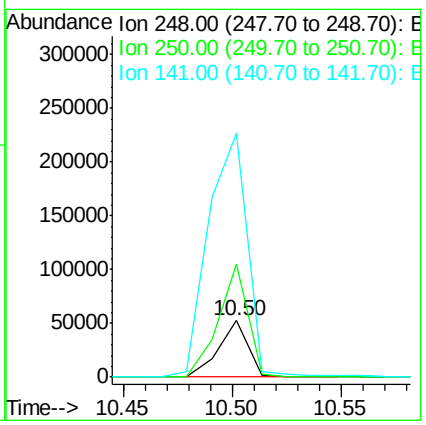


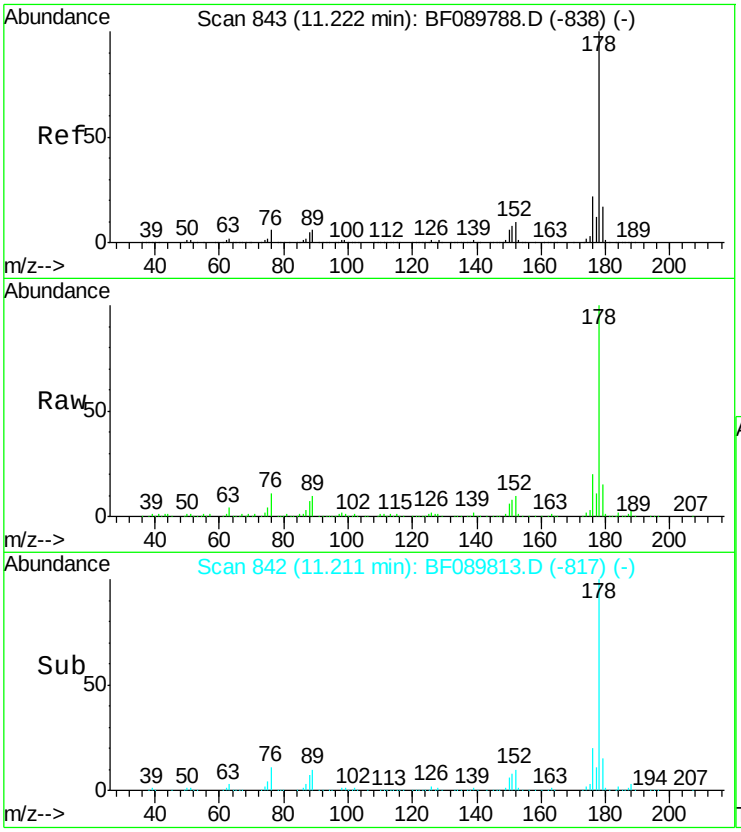


#66
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:248 Resp: 49088

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.6	117.8#
141	429.4	31.4	47.2#



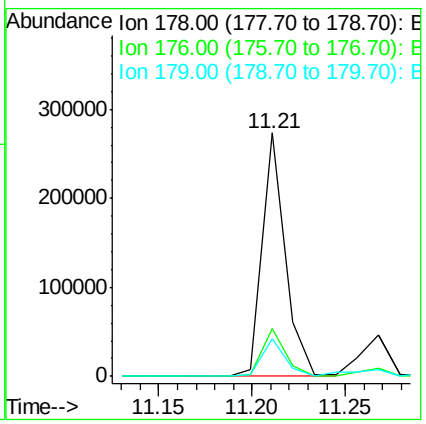


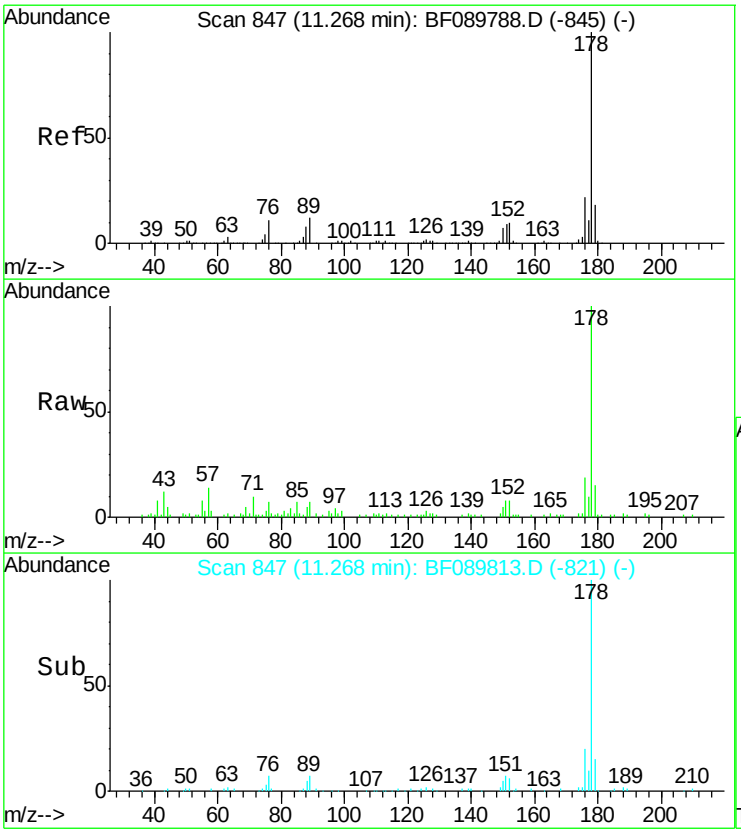
#70
Phenanthrene
Concen: 3.35 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:178 Resp: 238154

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.4	24.6
179	15.4	12.5	18.7

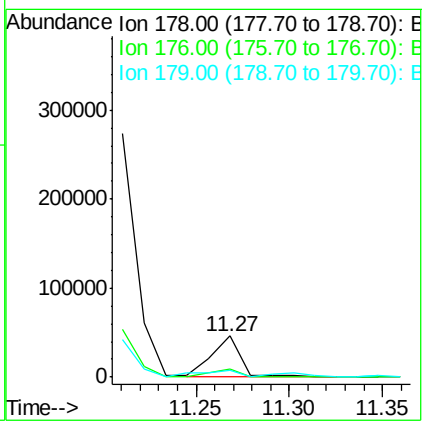


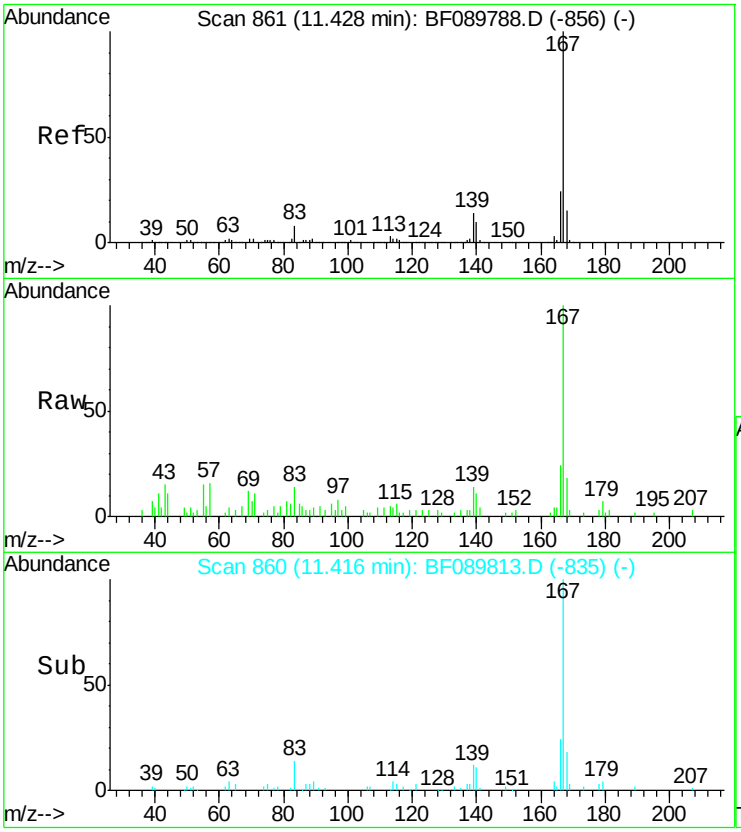


#71
Anthracene
Concen: 0.67 ng
RT: 11.27 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:178 Resp: 48695

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.4	24.6
179	15.4	13.1	19.7



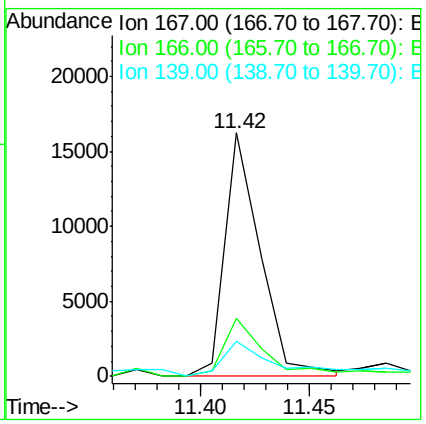


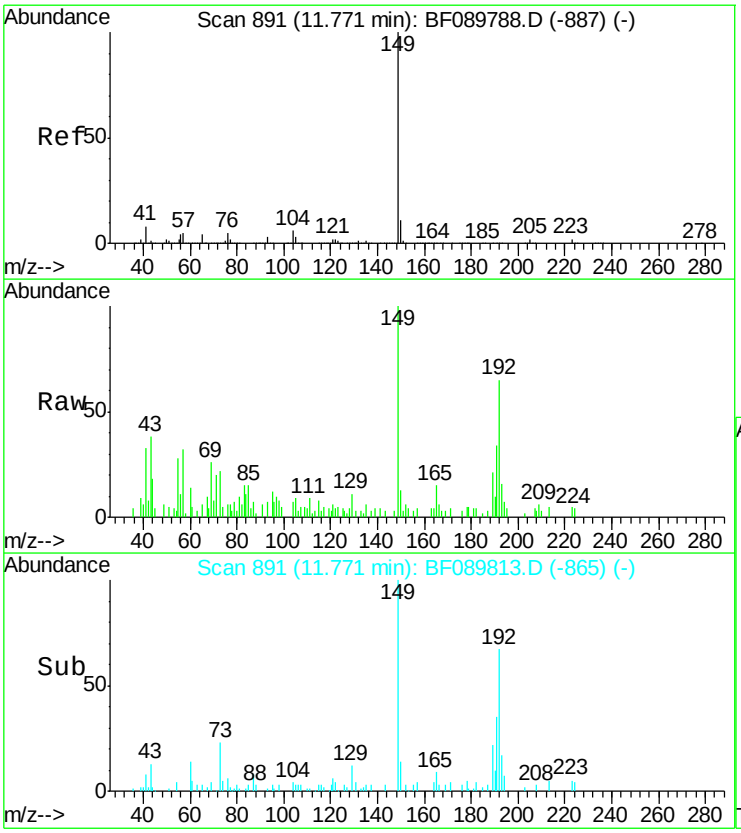
#72
Carbazole
Concen: 0.28 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:167 Resp: 18358

Ion	Ratio	Lower	Upper
167	100		
166	24.0	17.9	26.9
139	14.4	12.4	18.6

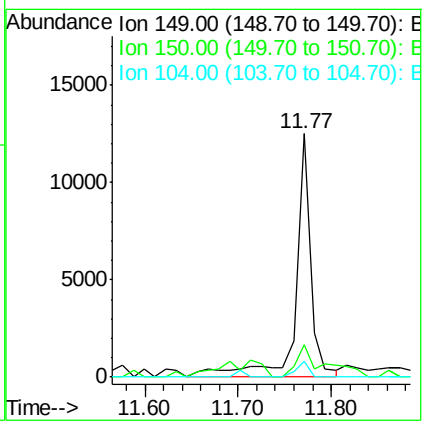


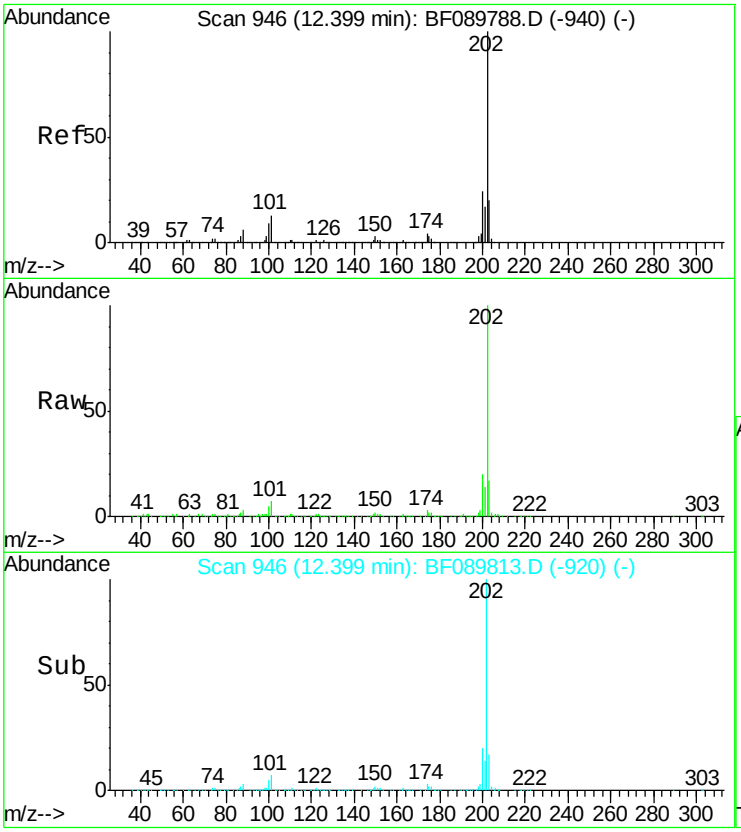


#73
Di-n-butylphthalate
Concen: 0.18 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:149 Resp: 14659

Ion	Ratio	Lower	Upper
149	100		
150	13.3	7.9	11.9#
104	6.6	4.3	6.5#



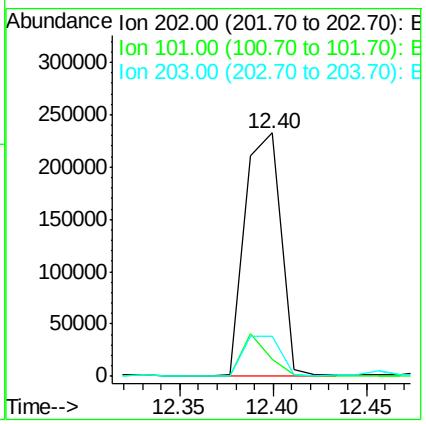


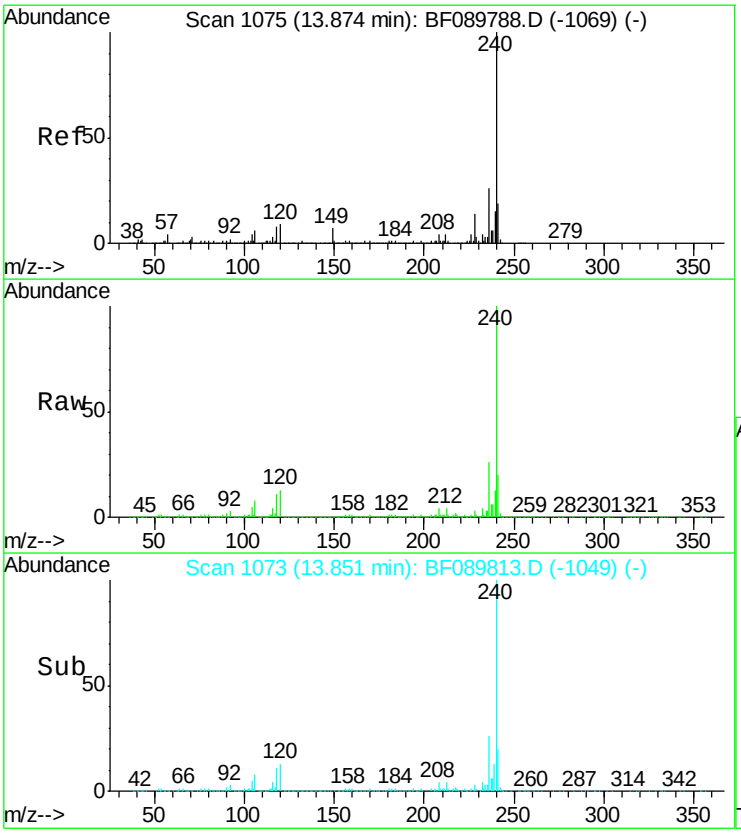
#74
Fluoranthene
Concen: 4.59 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:202 Resp: 310340

Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	31.2
203	16.6	0.0	38.1

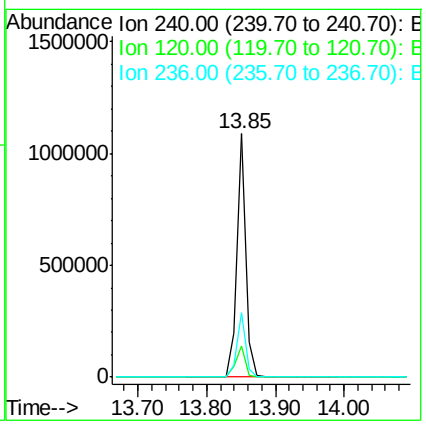


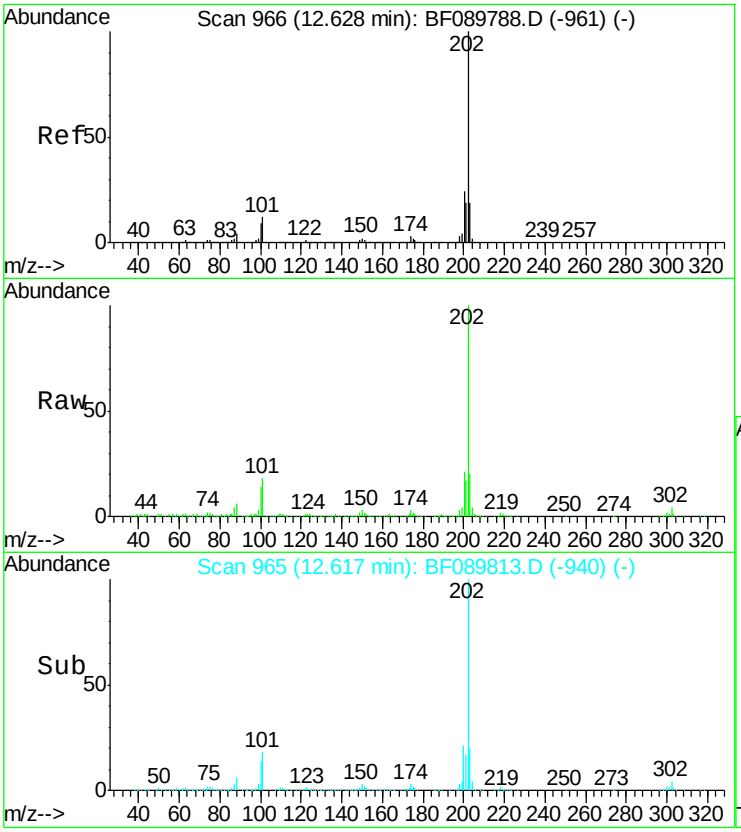


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:240 Resp: 1009373

Ion	Ratio	Lower	Upper
240	100		
120	12.9	8.3	12.5#
236	26.2	21.3	31.9



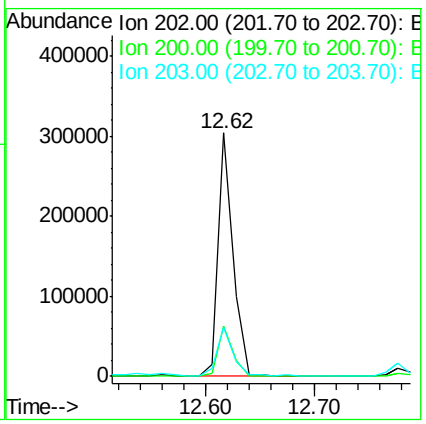


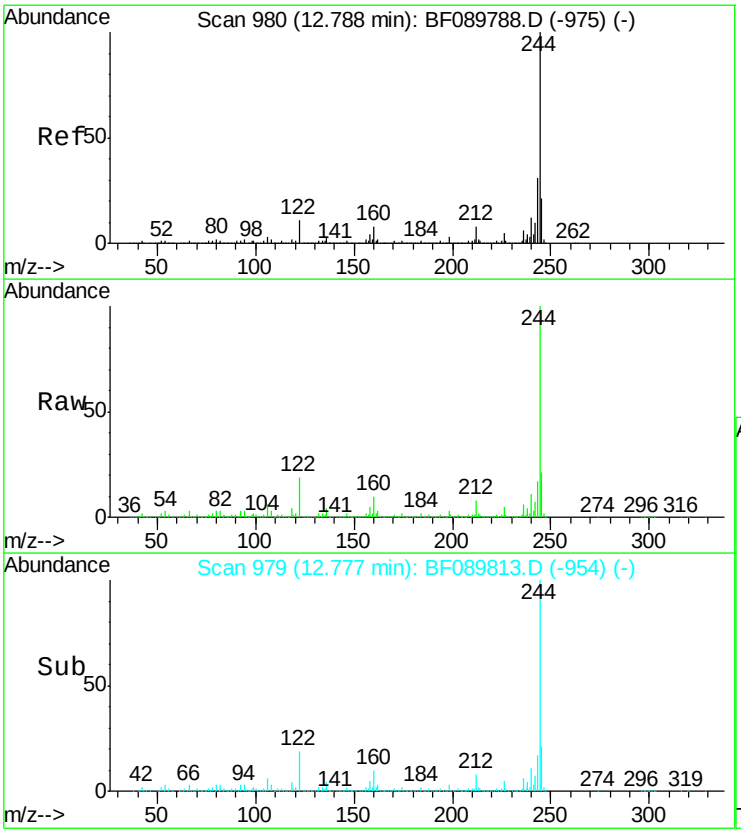
#77
Pyrene
Concen: 3.54 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:202 Resp: 290954

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	20.0	14.2	21.4

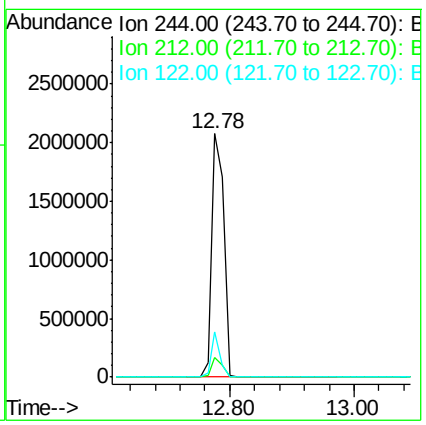


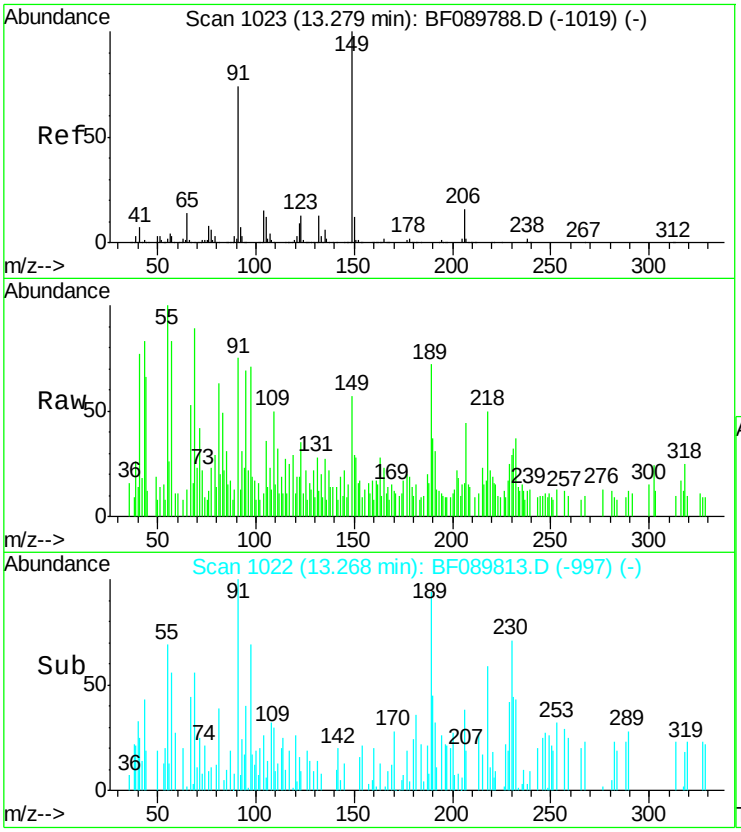


#78
Terphenyl-d14
Concen: 60.74 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:244 Resp: 2710184

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	18.6	12.0	18.0#



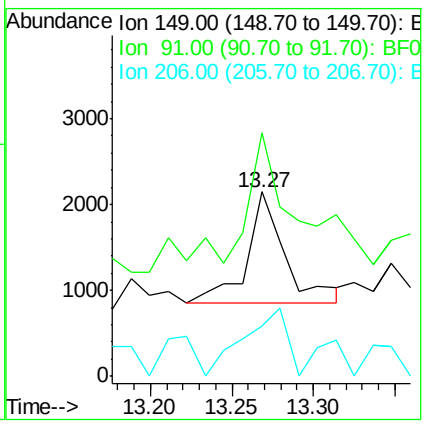


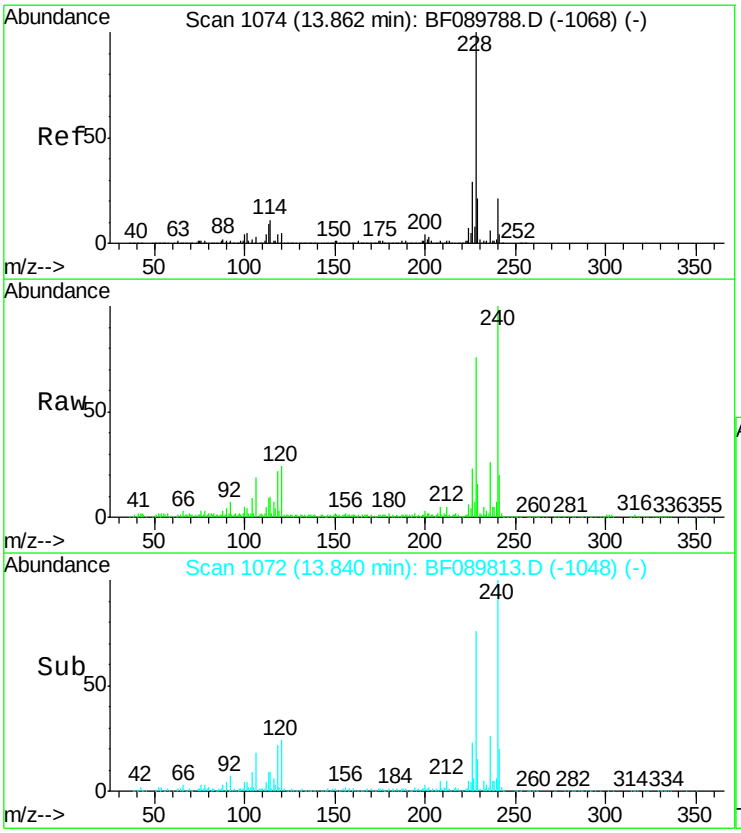
#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:149 Resp: 2131

Ion	Ratio	Lower	Upper
149	100		
91	132.2	50.7	76.1#
206	27.5	15.5	23.3#

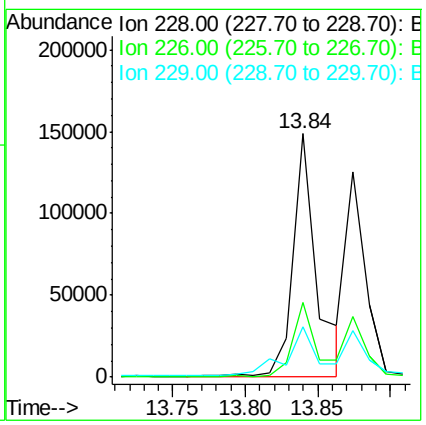


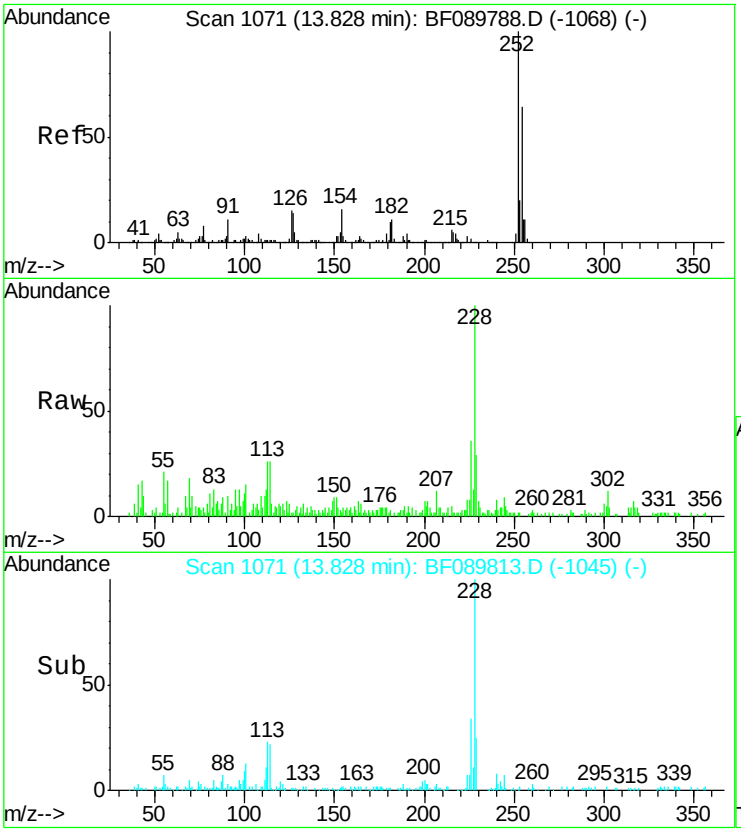


#80
Benzo(a)anthracene
Concen: 2.88 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:228 Resp: 166304

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.2	34.8
229	20.5	16.2	24.4



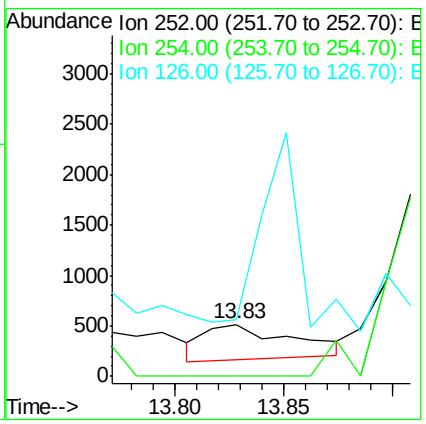


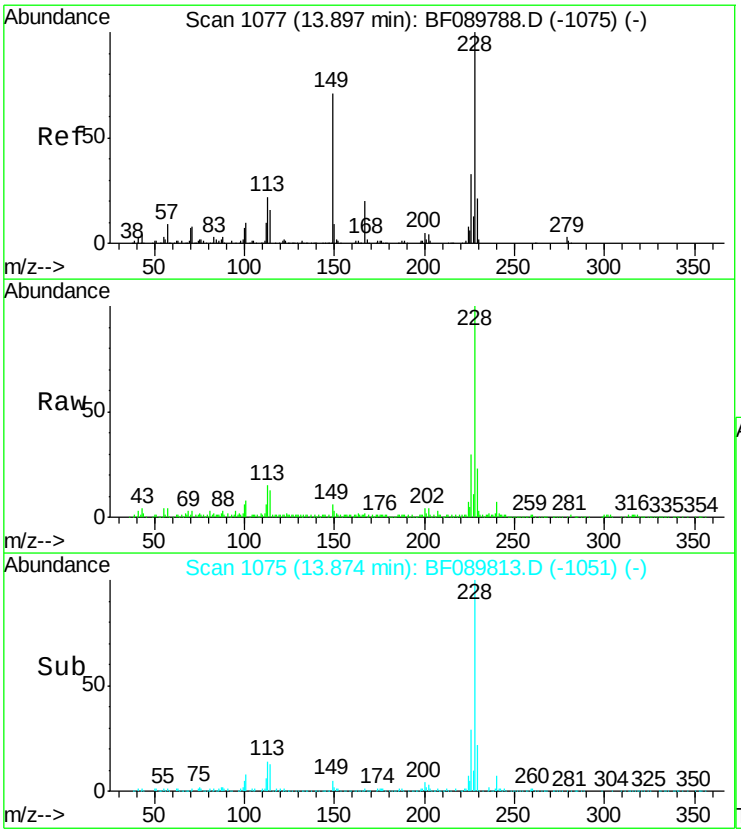
#81
3,3'-Dichlorobenzidine
Concen: 0.05 ng
RT: 13.83 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:252 Resp: 965

Ion	Ratio	Lower	Upper
252	100		
254	0.0	50.6	75.8#
126	107.7	12.6	18.8#

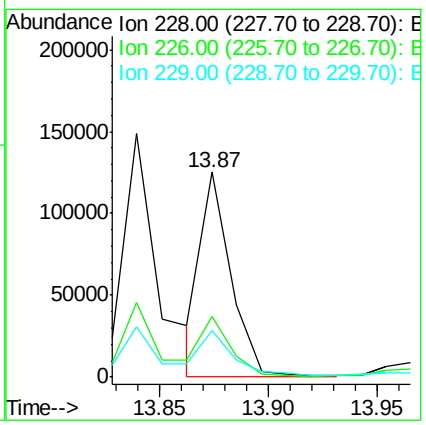


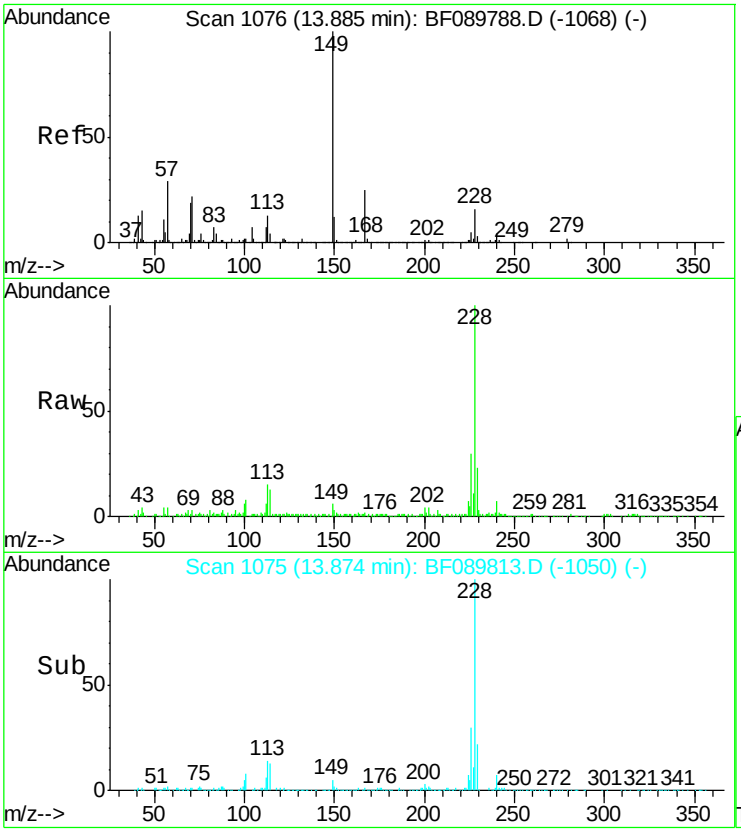


#82
Chrysene
Concen: 2.40 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:228 Resp: 118880

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	22.8	16.5	24.7



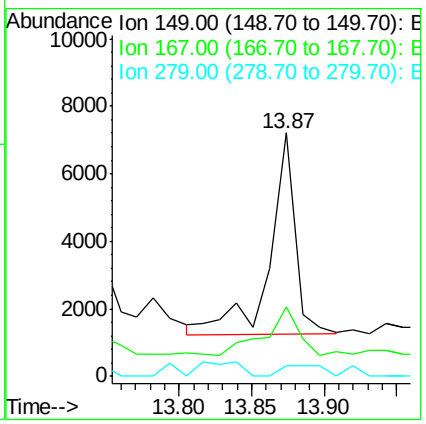


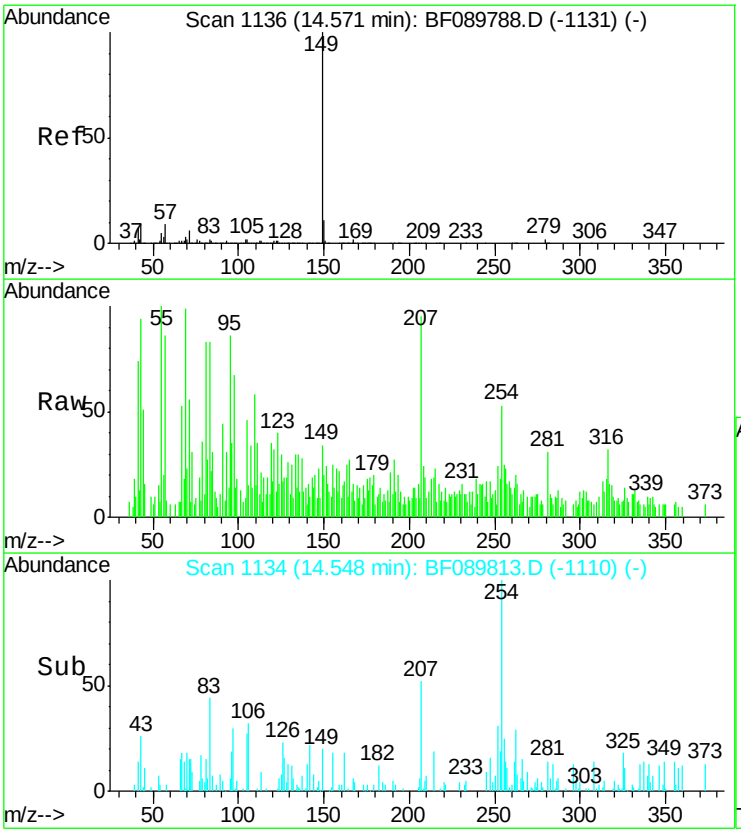
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:149 Resp: 7347

Ion	Ratio	Lower	Upper
149	100		
167	28.7	21.2	31.8
279	4.6	2.9	4.3#

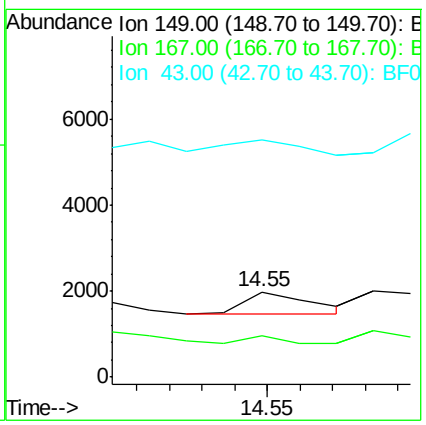


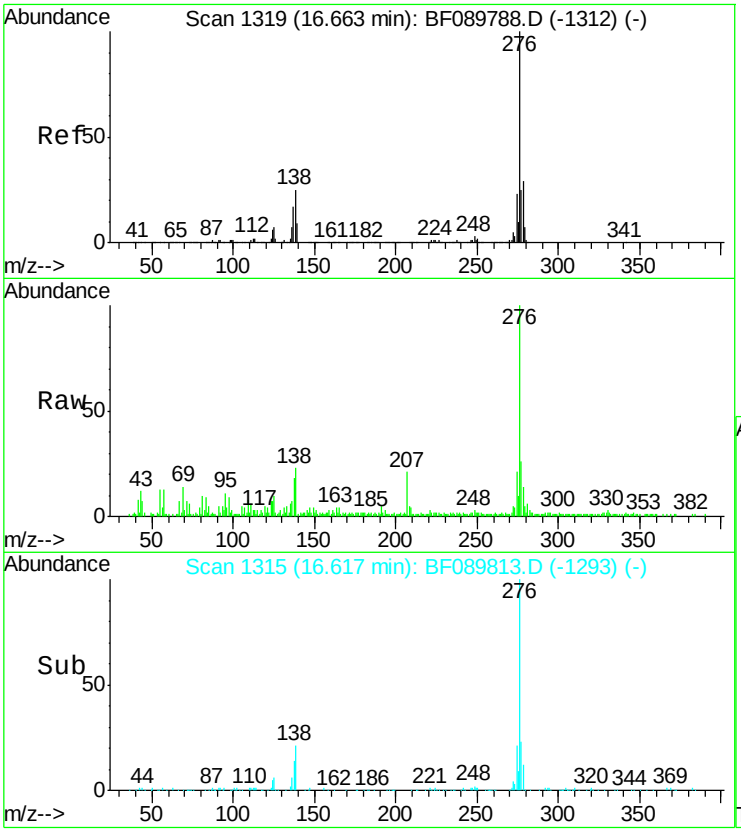


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.55 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:149 Resp: 743

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	0.0	8.4	12.6#



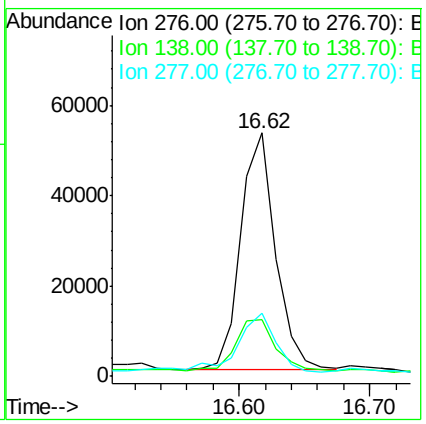


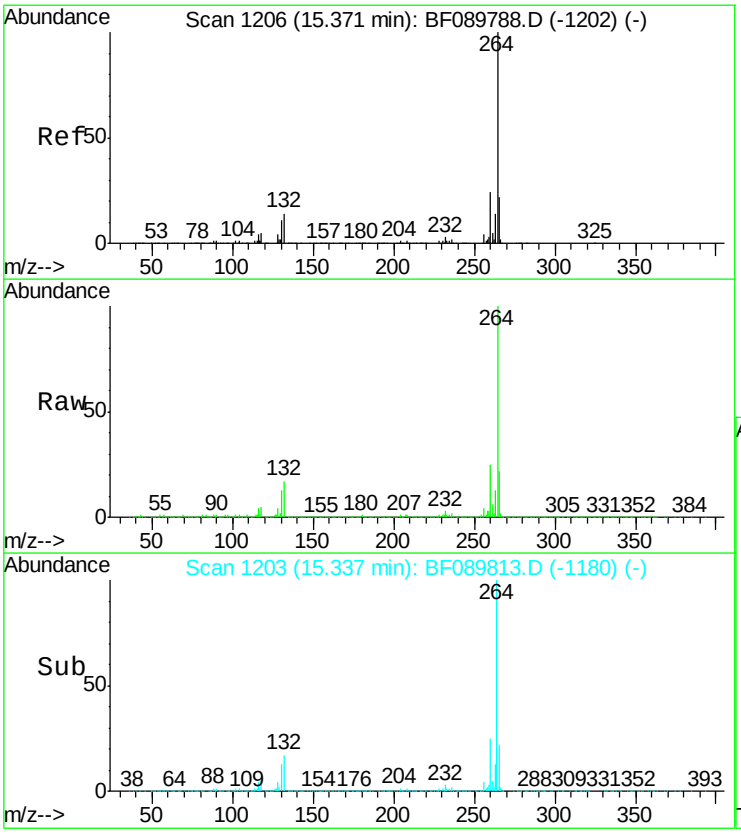
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.54 ng
RT: 16.62 min Scan# 1315
Delta R.T. -0.05 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:276 Resp: 97441

Ion	Ratio	Lower	Upper
276	100		
138	26.5	24.6	36.8
277	30.2	20.4	30.6

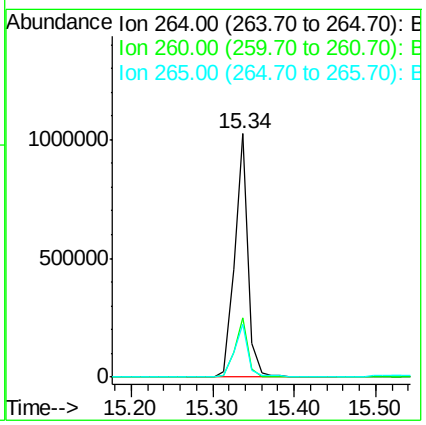


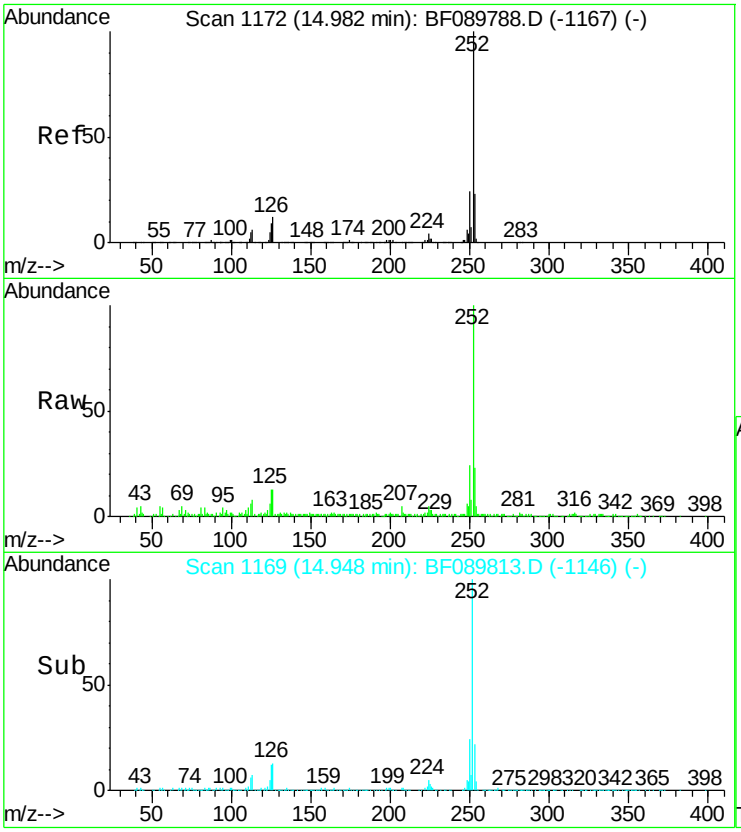


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.03 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:264 Resp: 1153229

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	21.9	17.4	26.2



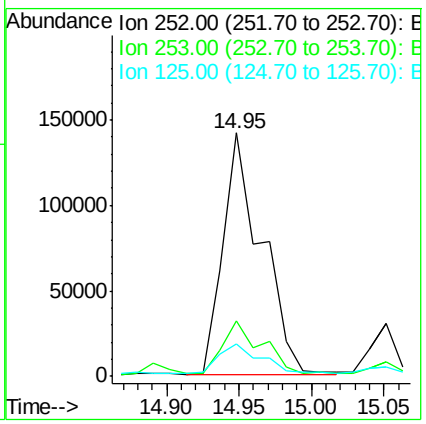


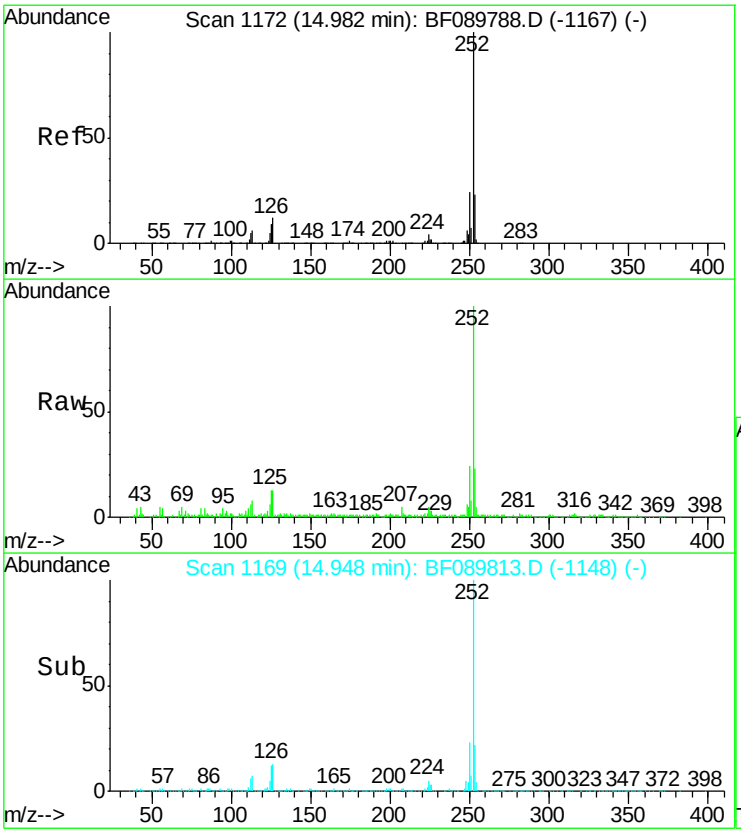
#87
Benzo(b)fluoranthene
Concen: 4.14 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:252 Resp: 262802

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.4	11.4	17.2

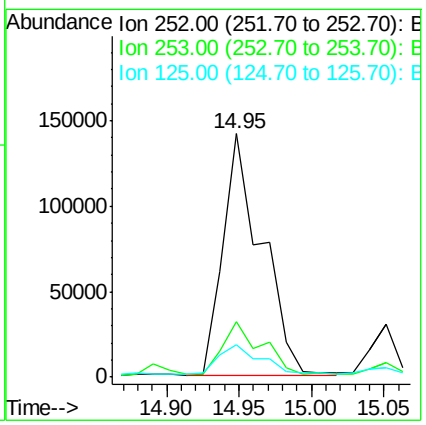


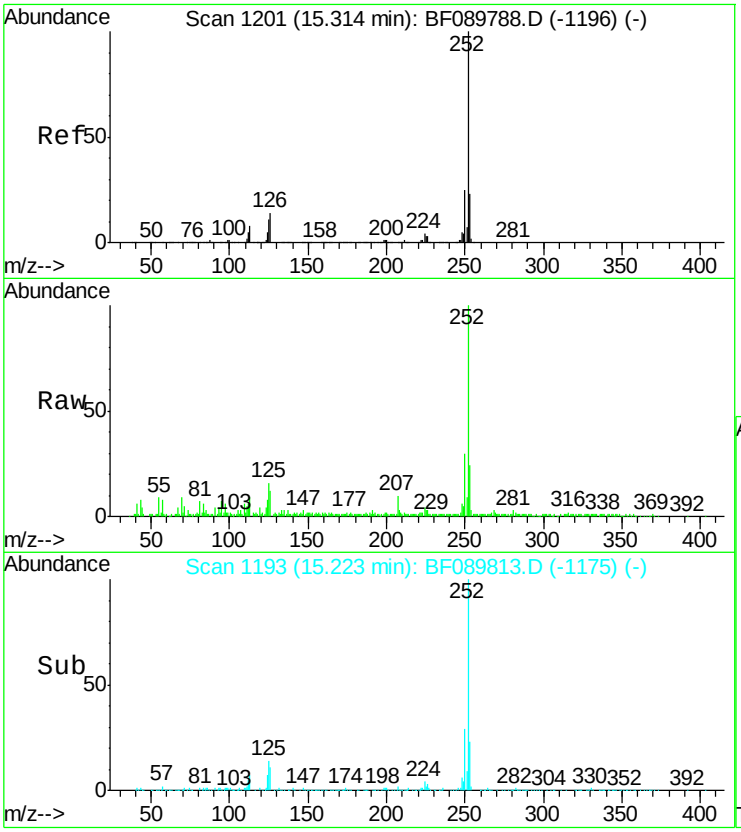


#88
Benzo(k)fluoranthene
Concen: 4.57 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:252 Resp: 262802

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	13.4	9.8	14.6



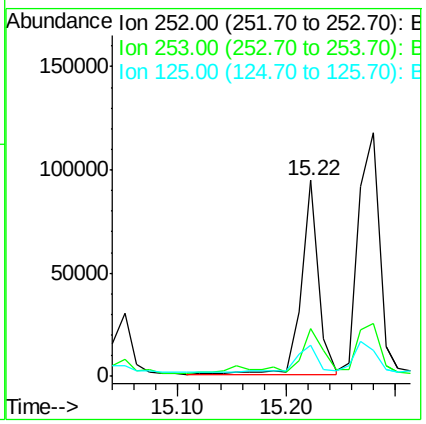


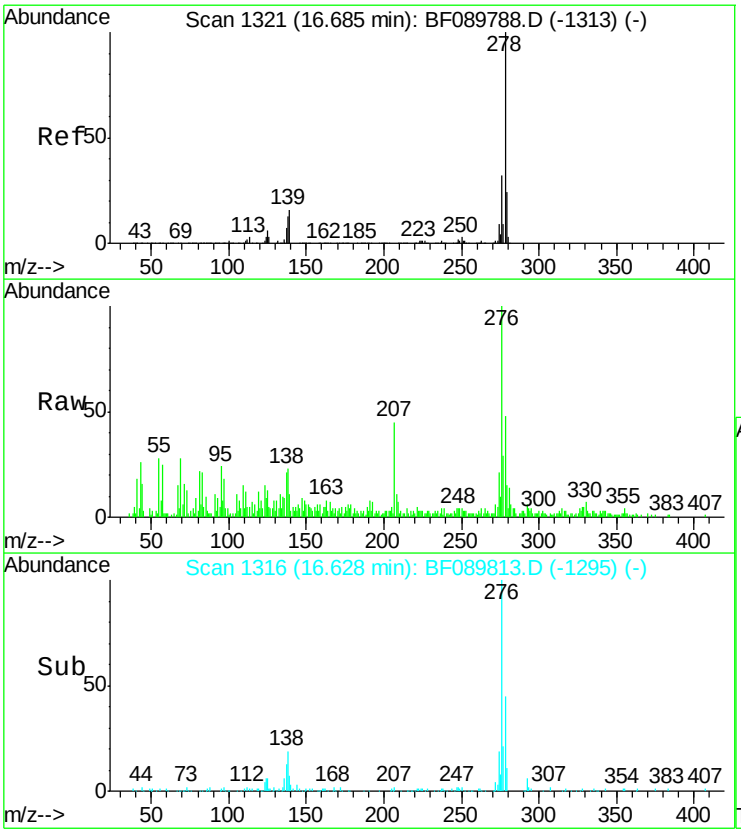
#89
Benzo(a)pyrene
Concen: 1.71 ng
RT: 15.22 min Scan# 1193
Delta R.T. -0.09 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:252 Resp: 102417

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.8	26.8
125	15.9	11.7	17.5

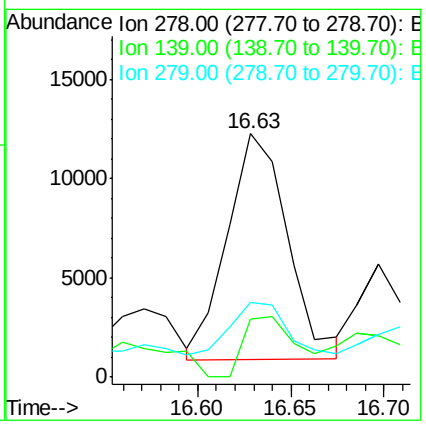


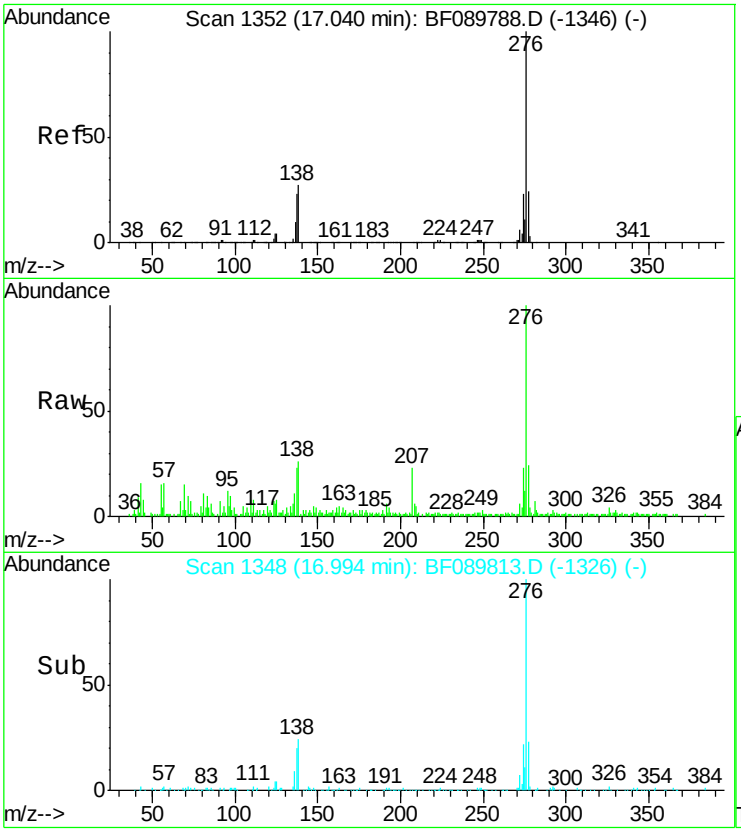


#90
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Tgt Ion:278 Resp: 25616

Ion	Ratio	Lower	Upper
278	100		
139	23.9	14.9	22.3#
279	30.6	19.2	28.8#





#91
Benzo(g,h,i)perylene
Concen: 1.35 ng
RT: 16.99 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF089813.D
Acq: 19 Aug 2016 23:06

Instrument :
BNA_F
ClientSampleId :
A-2(0-8)

Tgt Ion:276 Resp: 92337

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	25.7	22.1	33.1