Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089818.D
Acq On : 20 Aug 2016 1:19
Operator : UM/SJ
Sample : H4518-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1-2(5-15)

Quant Time: Aug 22 01:26:38 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	551287	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1872390	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	838022	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1281384	20.00	ng		0.00
75) Chrysene-d12	13.84	240	1012235	20.00	ng		-0.03
86) Perylene-d12	15.31	264	1187293	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	4291168	133.49	ng		0.02
7) Phenol-d6	6.33	99	5122327	129.80	ng		0.01
23) Nitrobenzene-d5	7.26	82	3058724	101.49	ng		0.00
41) 2,4,6-Tribromophenol	10.50	330	862709	108.32	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	4168469	87.42	ng		0.00
78) Terphenyl-d14	12.78	244	2535743	56.67	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	2.86	79	228	0.01	ng	#	1
4) n-Nitrosodimethylamine	2.74	42	551	0.04	ng	#	1
6) Aniline	6.34	93	1833	0.03	ng	#	1
8) 2-Chlorophenol	6.47	128	3003	0.08	ng		95
9) Benzaldehyde	6.46	77	91649	3.57	ng		92
10) Phenol	6.34	94	44803	0.97	ng	#	70
11) bis(2-Chloroethyl)ether	6.46	93	6191	0.17	ng	#	1
12) 1,3-Dichlorobenzene	6.86	146	564	0.01	ng	#	1
13) 1,4-Dichlorobenzene	6.86	146	564	0.01	ng	#	51
14) 1,2-Dichlorobenzene	6.86	146	564	0.01	ng	#	49
15) Benzyl Alcohol	6.84	79	50633	1.93	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	7.03	45	232	0.01	ng		69
17) 2-Methylphenol	7.10	107	92605	3.08	ng	#	71
18) Hexachloroethane	7.28	117	800	0.05	ng	#	2
19) n-Nitroso-di-n-propylamine	7.26	70	409889	16.24	ng	#	69
20) 3+4-Methylphenols	7.10	107	92605	2.51	ng	#	47
22) Acetophenone	7.10	105	3118	0.07	ng	#	1
24) Nitrobenzene	7.26	77	10371	0.31	ng	#	35
25) Isophorone	7.26	82	2883169	47.43	ng	#	67
27) 2,4-Dimethylphenol	7.63	122	854	0.03	ng	#	86
28) bis(2-Chloroethoxy)methane	7.72	93	699	0.02	ng	#	1
31) Naphthalene	7.99	128	9421	0.11	ng		98
32) Benzoic acid	7.75	122	2707	0.11	ng	#	46
33) 4-Chloroaniline	7.99	127	928	0.02	ng	#	27
35) Caprolactam	8.35	113	525	0.07	ng	#	51
36) 4-Chloro-3-methylphenol	8.52	107	327	0.01	ng	#	16
37) 2-Methylnaphthalene	8.68	142	2555	0.05	ng	#	96
45) 1,1'-Biphenyl	9.14	154	1619	0.02	ng	#	79
46) 2-Chloronaphthalene	9.16	162	311	0.01	ng	#	36
47) 2-Nitroaniline	9.15	65	2053	0.14	ng	#	5
48) Acenaphthylene	9.58	152	2715	0.04	ng	#	79
49) Dimethylphthalate	9.44	163	1160863	19.67	ng		99
50) 2,6-Dinitrotoluene	9.44	165	12640	0.93	ng	#	1
51) Acenaphthene	9.71	154	4435	0.09	ng	#	4

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089818.D
Acq On : 20 Aug 2016 1:19
Operator : UM/SJ
Sample : H4518-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : A-1-2(5-15)

Quant Time: Aug 22 01:26:38 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)
54) Dibenzofuran	9.92	168	1803	0.03	ng	#	72
55) 4-Nitrophenol	9.92	139	909	0.07	ng	#	15
56) 2,4-Dinitrotoluene	9.71	165	114343	6.47	ng	#	35
57) Fluorene	10.26	166	1886	0.04	ng	#	84
59) Diethylphthalate	10.15	149	5932	0.10	ng	#	97
62) Azobenzene	10.42	77	2658	0.05	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.50	198	2131	0.29	ng	#	1
65) n-Nitrosodiphenylamine	10.38	169	1028	0.03	ng	#	88
66) 4-Bromophenyl-phenylether	10.50	248	55981	4.17	ng	#	1
70) Phenanthrene	11.21	178	8879	0.14	ng		95
71) Anthracene	11.27	178	2415	0.04	ng		97
72) Carbazole	11.42	167	876	0.01	ng	#	46
73) Di-n-butylphthalate	11.77	149	10120	0.14	ng	#	96
74) Fluoranthene	12.40	202	4045	0.07	ng		92
77) Pyrene	12.62	202	4098	0.05	ng		99
79) Butylbenzylphthalate	13.27	149	1014	0.03	ng	#	33
80) Benzo(a)anthracene	13.84	228	7792	0.13	ng	#	69
81) 3,3'-Dichlorobenzidine	13.81	252	303	0.02	ng	#	77
82) Chrysene	13.84	228	7792	0.16	ng	#	67
83) Bis(2-ethylhexyl)phthalate	13.86	149	7350	0.14	ng	#	97
84) Di-n-octyl phthalate	14.53	149	904	0.01	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.65	276	208	0.00	ng	#	1
87) Benzo(b)fluoranthene	14.93	252	7117	0.11	ng	#	75
88) Benzo(k)fluoranthene	14.93	252	7117	0.12	ng	#	75
89) Benzo(a)pyrene	15.25	252	4010	0.06	ng	#	68
90) Dibenzo(a,h)anthracene	16.61	278	1501	0.02	ng	#	1
91) Benzo(g,h,i)perylene	16.96	276	2728	0.04	ng	#	69

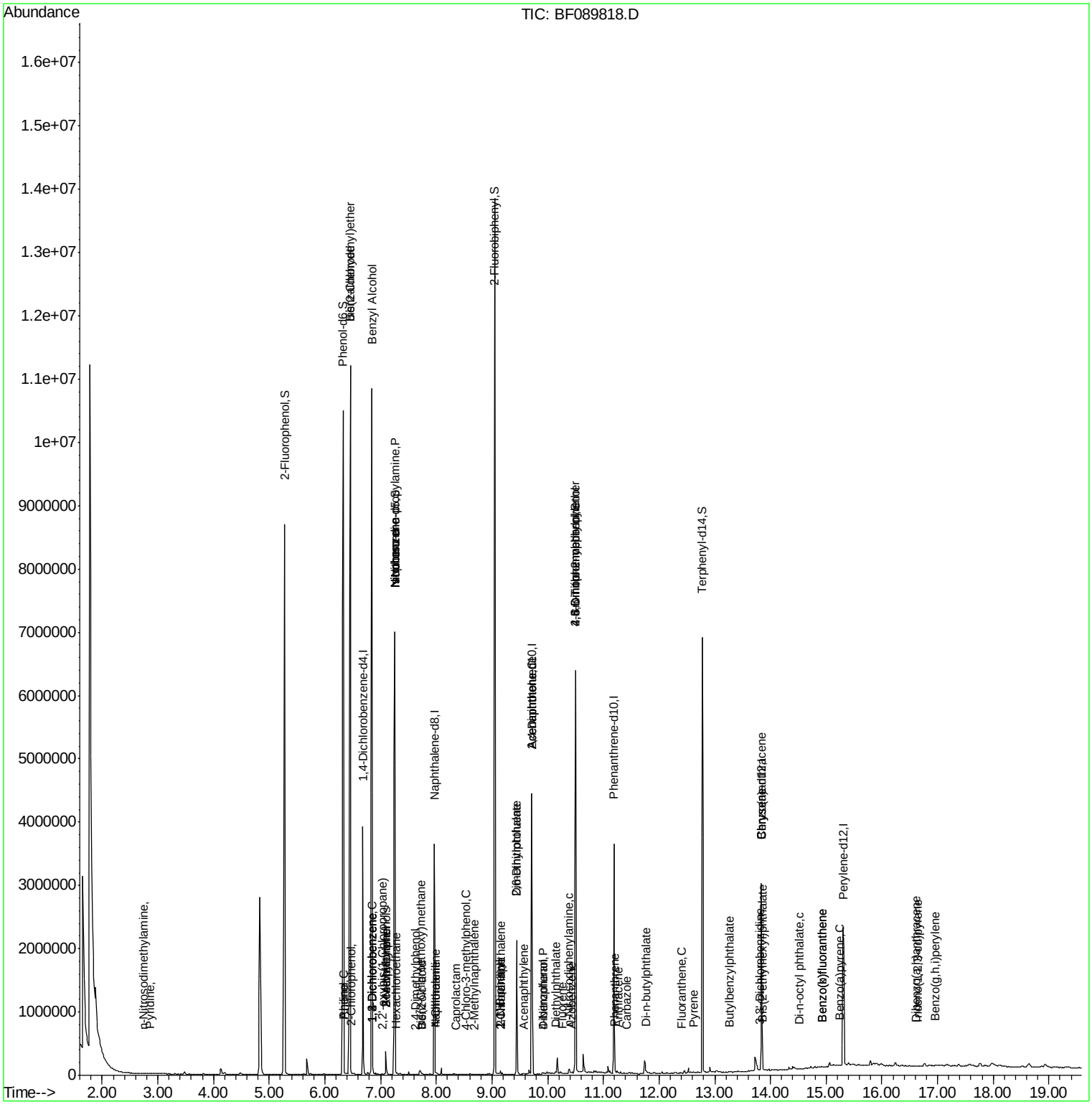
(#) = qualifier out of range (m) = manual integration (+) = signals summed

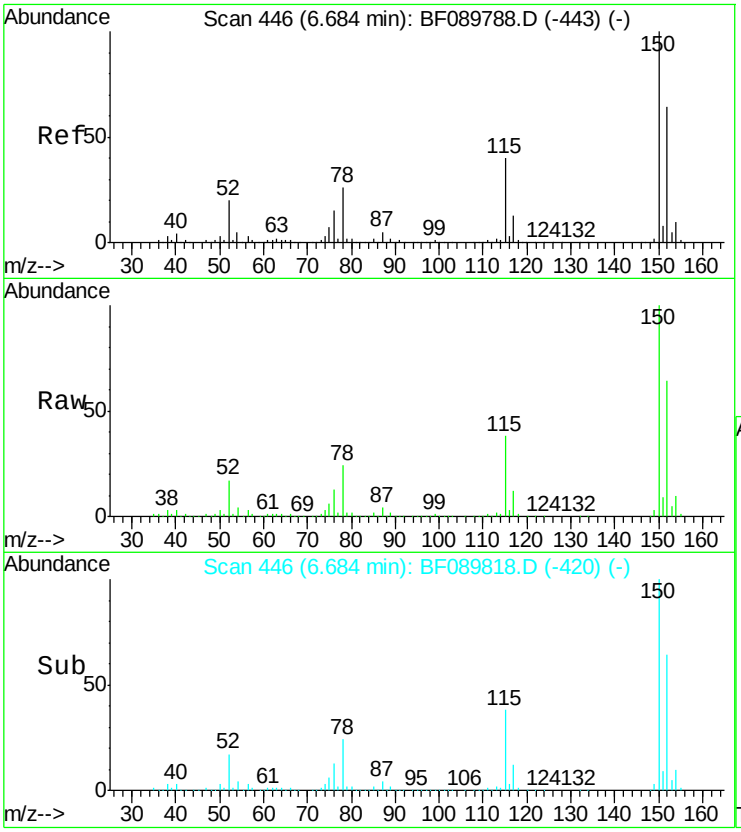
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
Data File : BF089818.D
Acq On : 20 Aug 2016 1:19
Operator : UM/SJ
Sample : H4518-17
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Quant Time: Aug 22 01:26:38 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



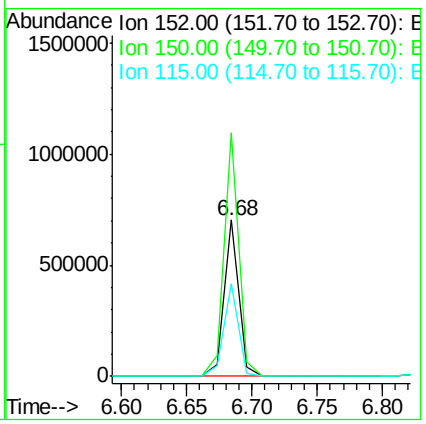


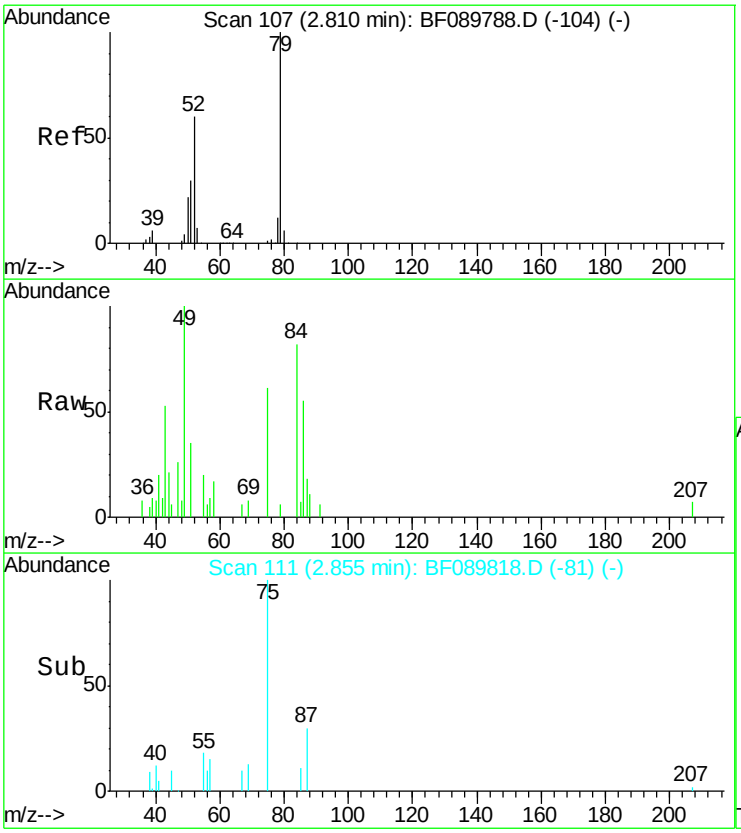
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:152 Resp: 551287

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.3	187.9
115	59.2	40.9	61.3

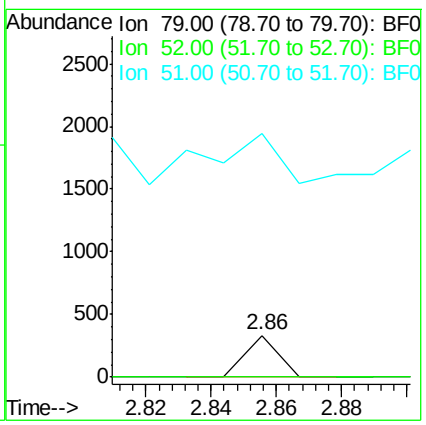


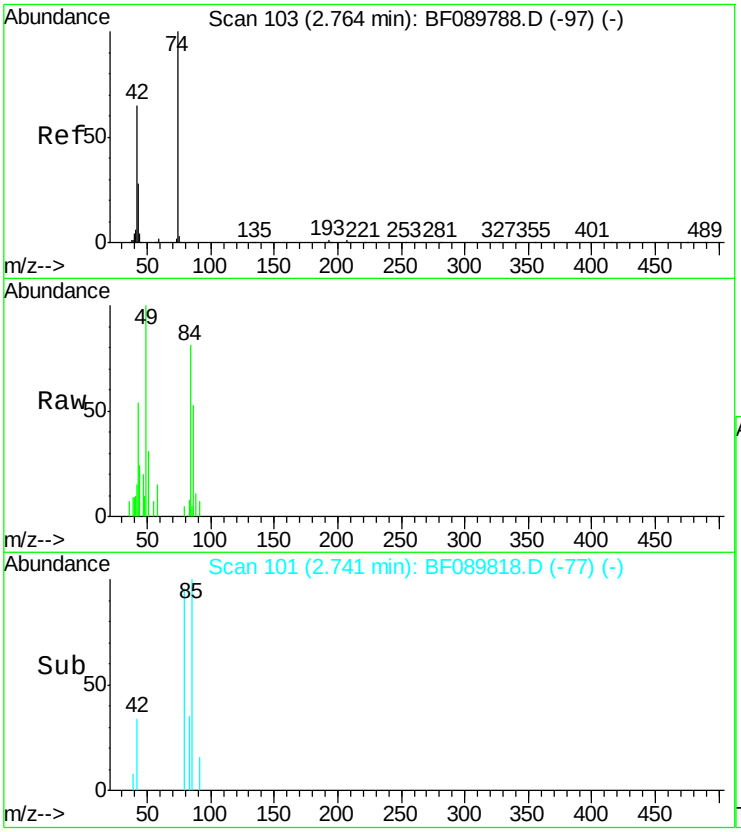


#3
Pyridine
Concen: 0.01 ng
RT: 2.86 min Scan# 111
Delta R.T. 0.05 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 79 Resp: 228

Ion	Ratio	Lower	Upper
79	100		
52	0.0	53.6	80.4#
51	583.5	26.6	39.8#



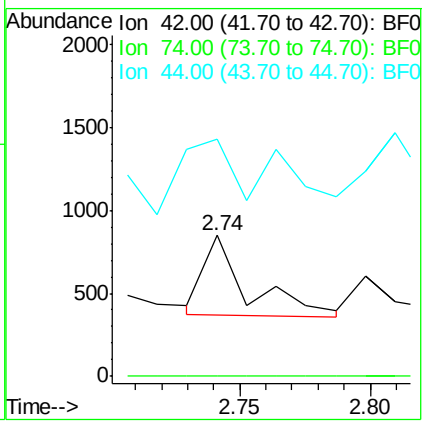


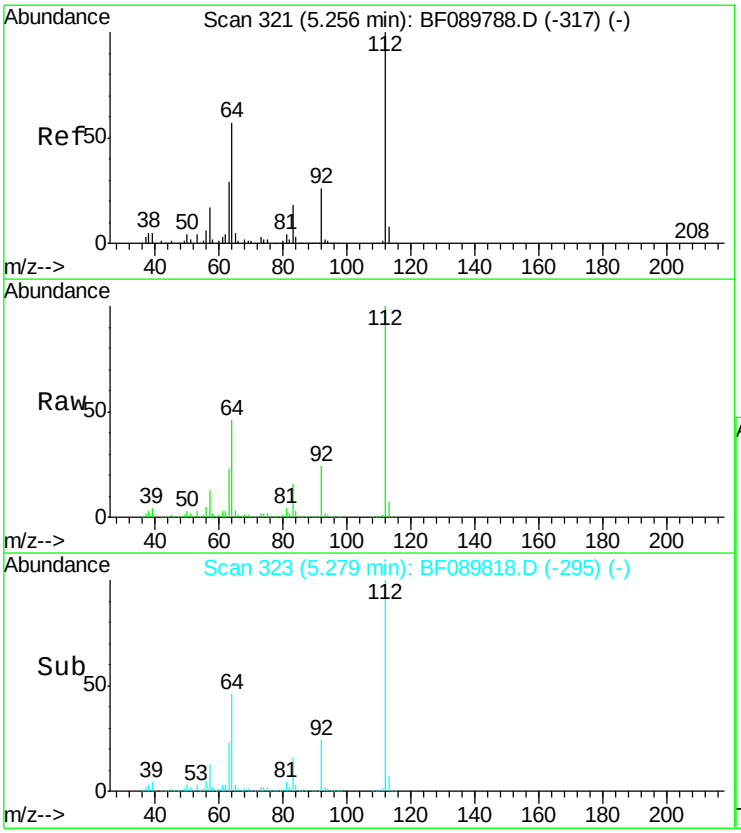
#4
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 2.74 min Scan# 101
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion: 42 Resp: 551

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	167.8	6.9	10.3#

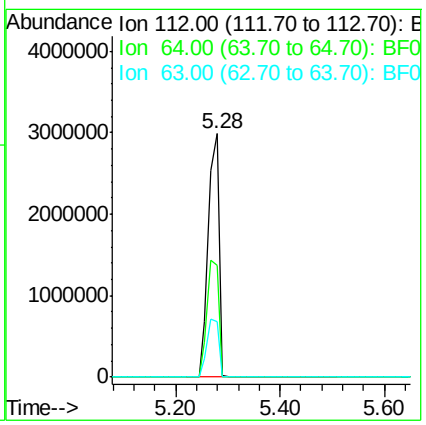


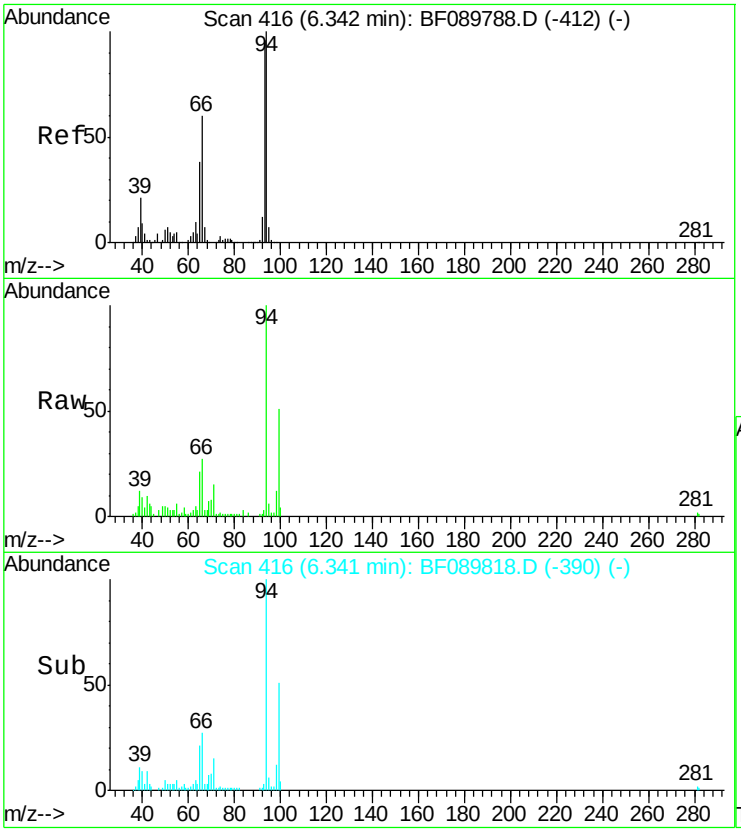


#5
2-Fluorophenol
Concen: 133.49 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:112 Resp: 4291168

Ion	Ratio	Lower	Upper
112	100		
64	45.9	45.0	67.4
63	23.0	23.1	34.7#



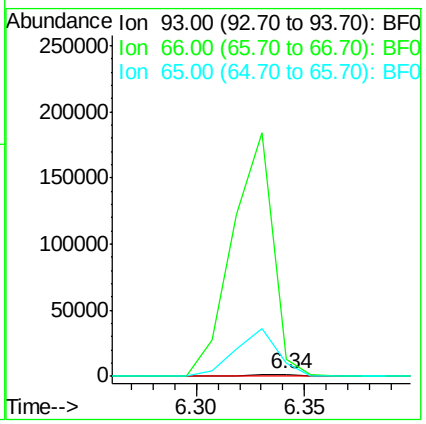


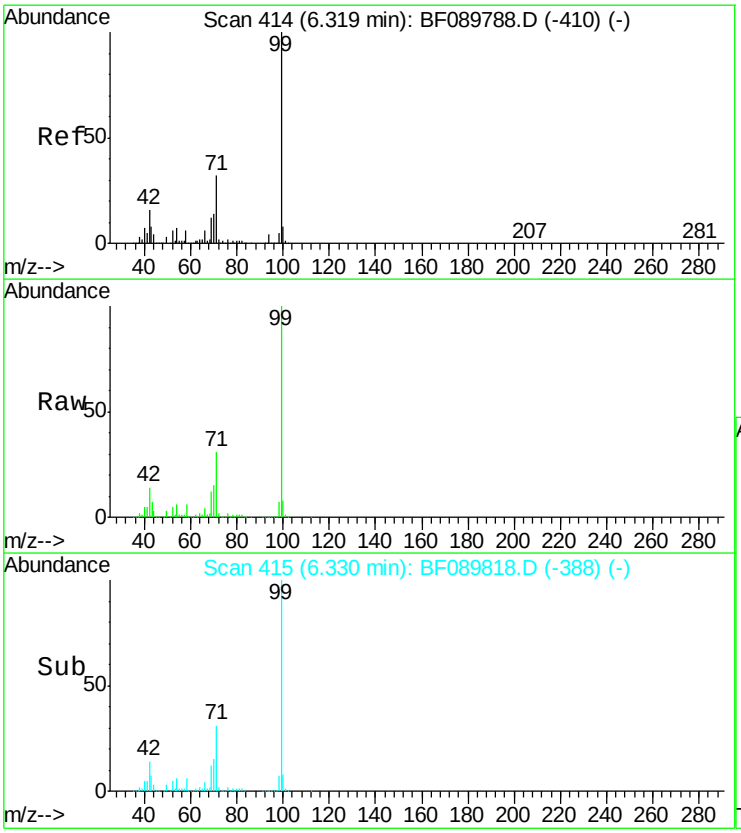
#6
Aniline
Concen: 0.03 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion: 93 Resp: 1833

Ion	Ratio	Lower	Upper
93	100		
66	919.4	30.6	46.0#
65	713.5	15.4	23.2#

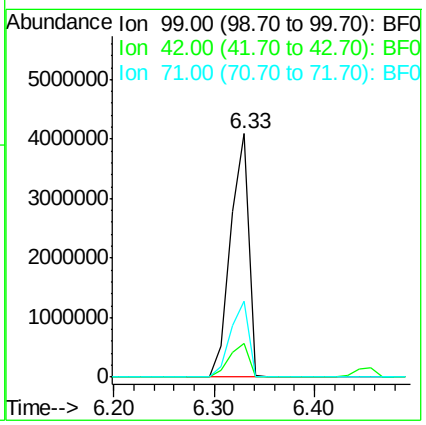


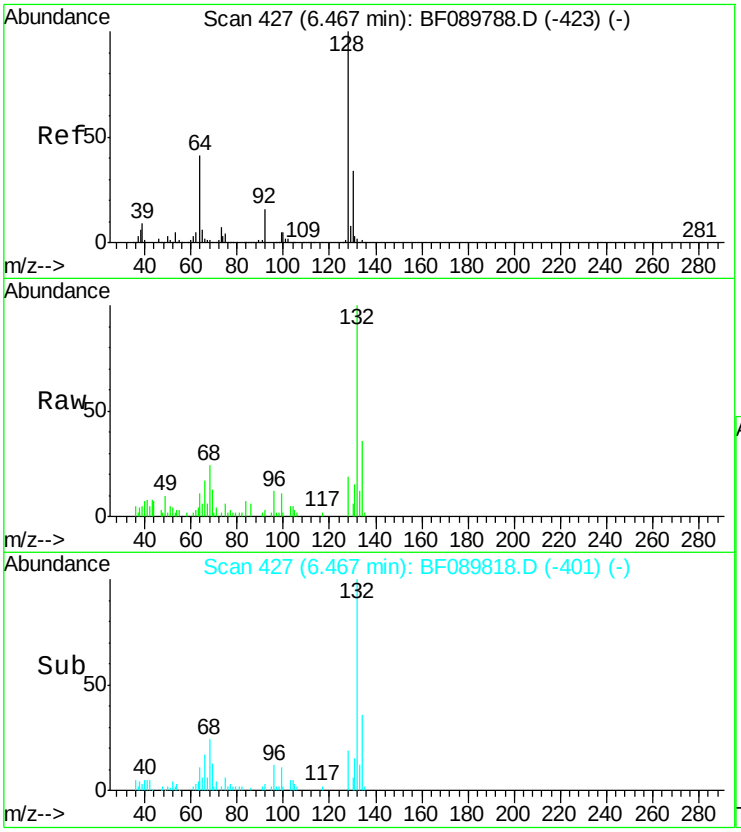


#7
Phenol-d6
Concen: 129.80 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 99 Resp: 5122327

Ion	Ratio	Lower	Upper
99	100		
42	13.6	12.2	18.4
71	31.1	23.8	35.8



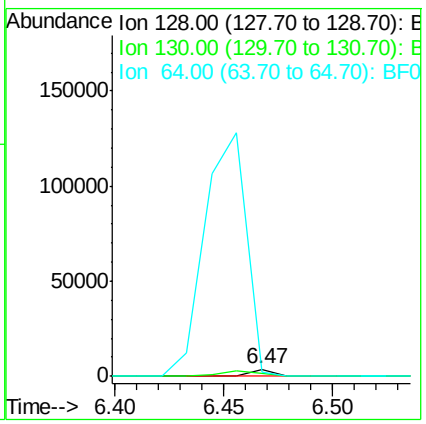


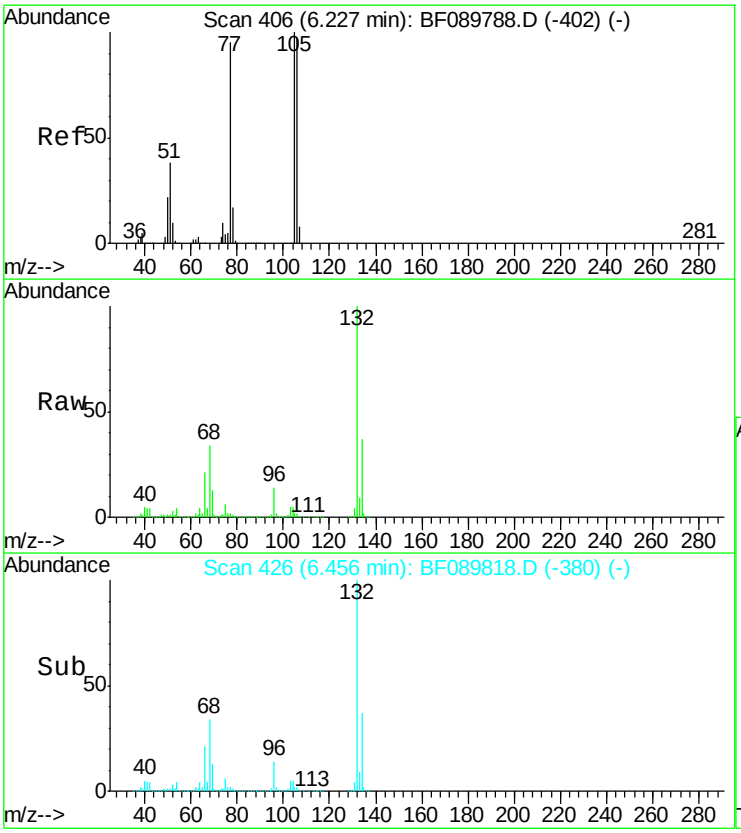
#8
2-Chlorophenol
Concen: 0.08 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:128 Resp: 3003

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.0	52.0
64	59.8	35.1	75.1

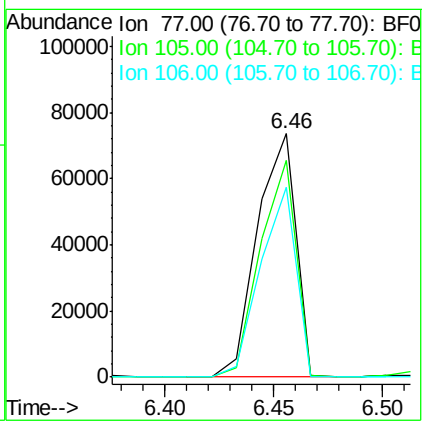


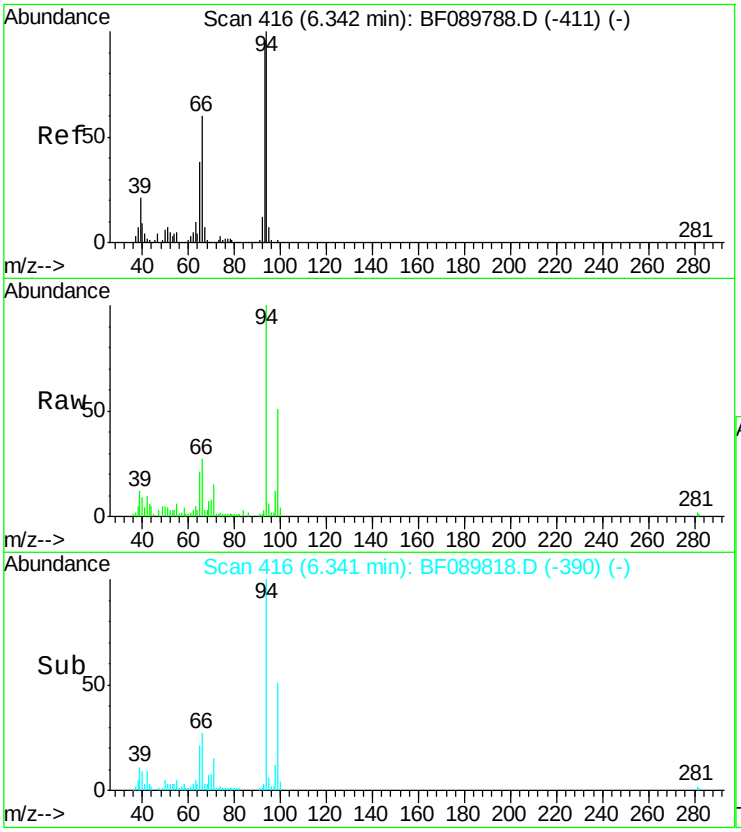


#9
Benzaldehyde
Concen: 3.57 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.23 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 77 Resp: 91649

Ion	Ratio	Lower	Upper
77	100		
105	89.0	73.3	113.3
106	78.1	68.6	108.6



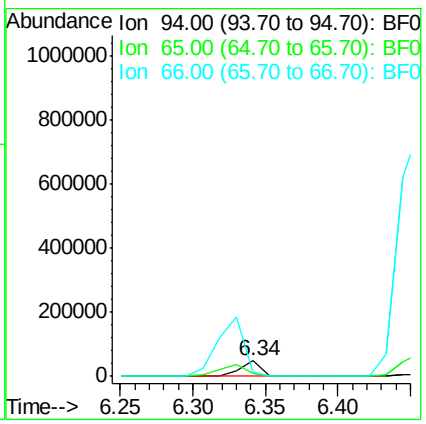


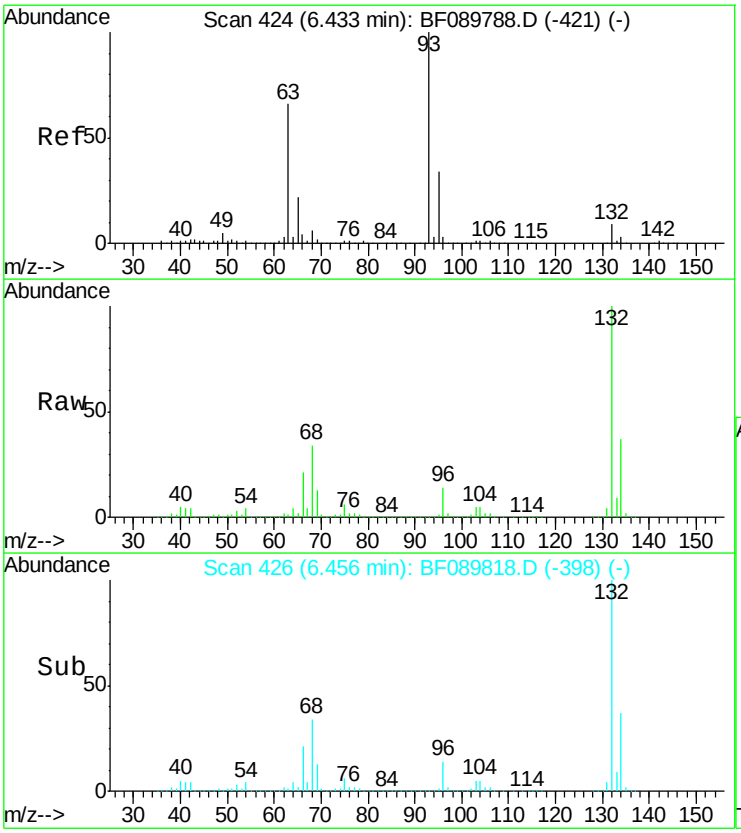
#10
Phenol
Concen: 0.97 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion: 94 Resp: 44803

Ion	Ratio	Lower	Upper
94	100		
65	20.8	14.0	54.0
66	26.8	31.2	71.2#

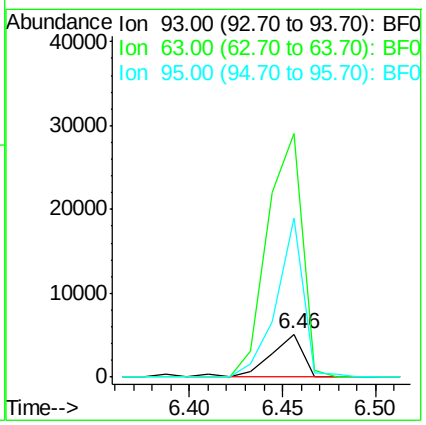


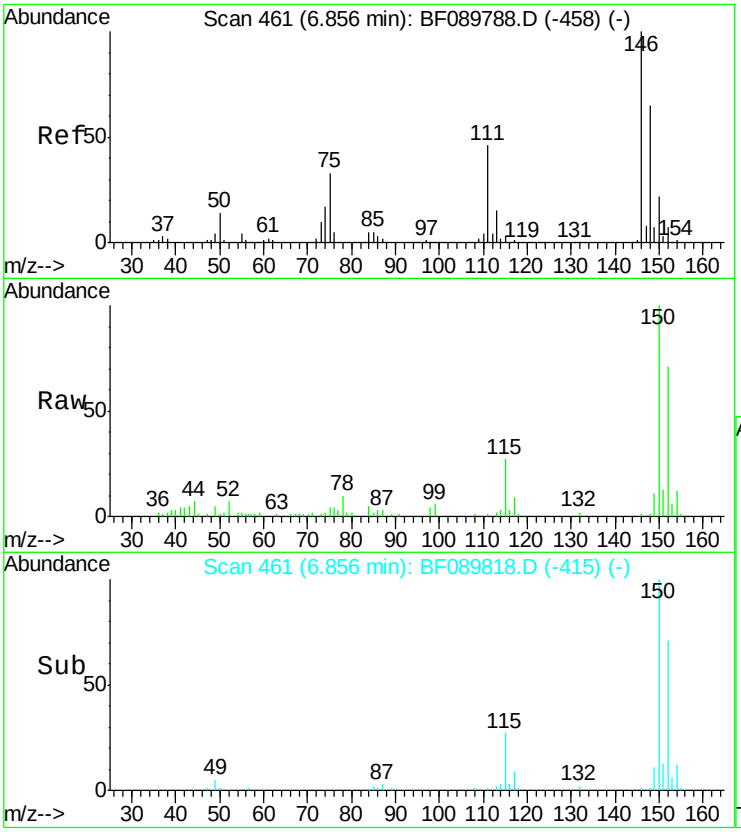


#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 93 Resp: 6191

Ion	Ratio	Lower	Upper
93	100		
63	569.6	55.8	95.8#
95	371.9	13.0	53.0#



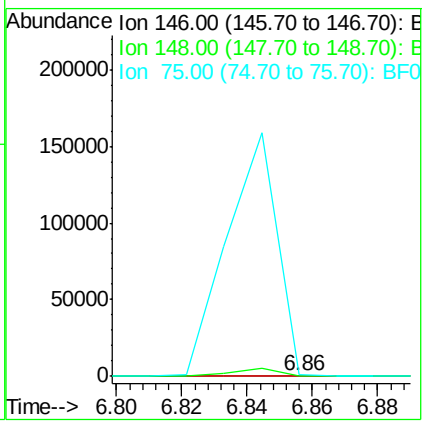


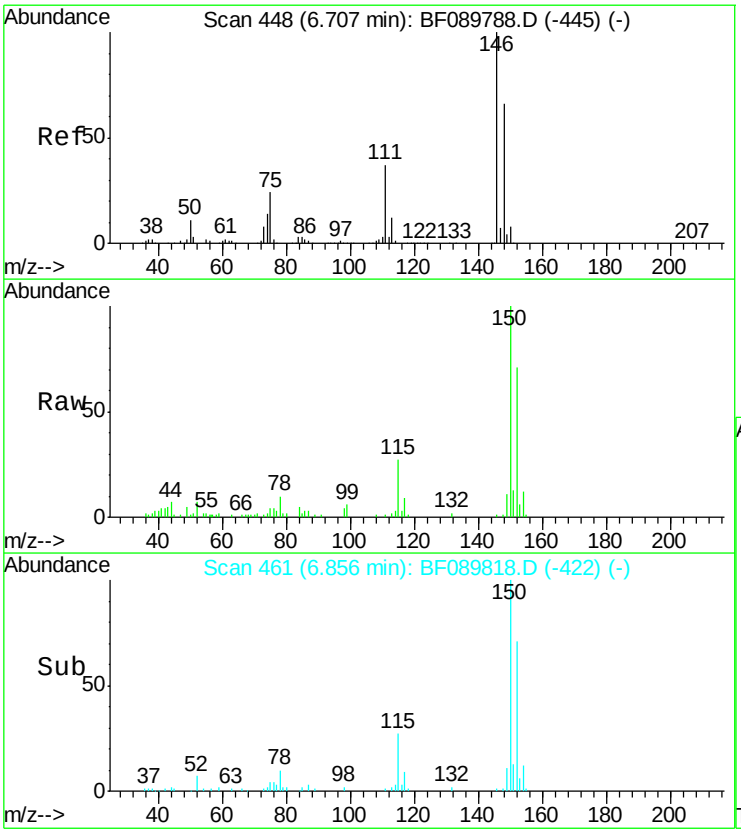
#12
1,3-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.23 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:146 Resp: 564

Ion	Ratio	Lower	Upper
146	100		
148	80.2	51.0	76.4#
75	294.8	27.0	40.6#

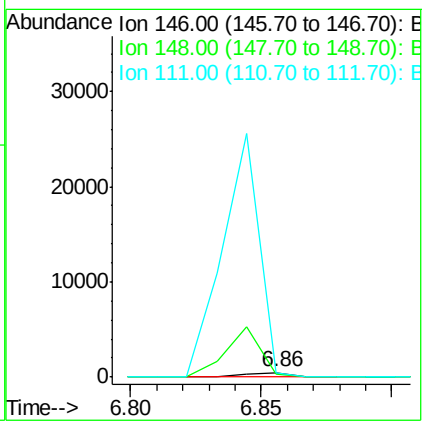


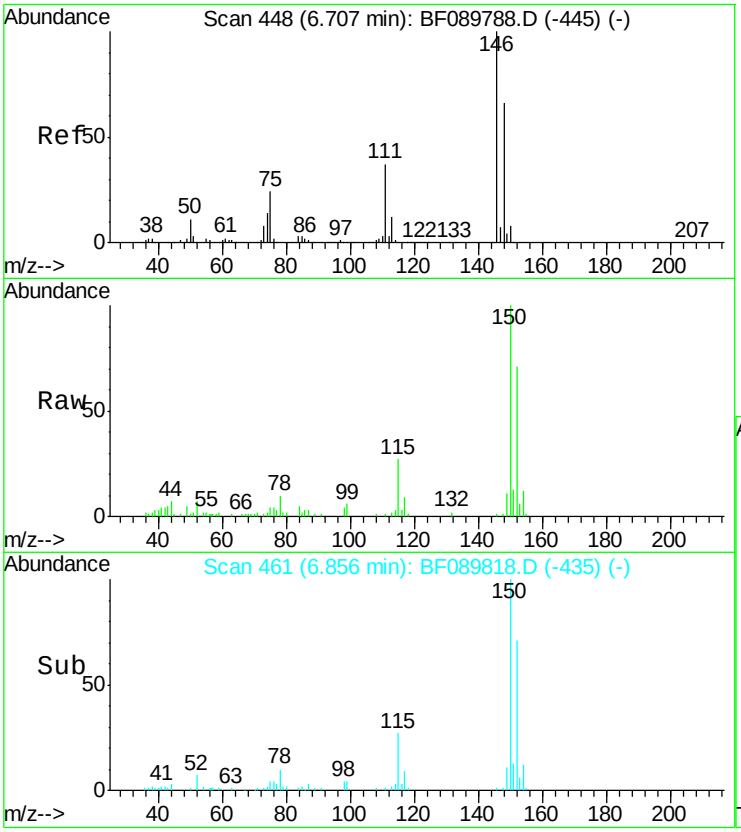


#13
1,4-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.15 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:146 Resp: 564

Ion	Ratio	Lower	Upper
146	100		
148	80.2	51.0	76.6#
111	101.8	34.6	52.0#



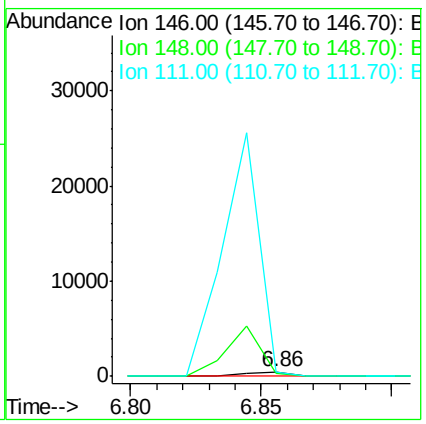


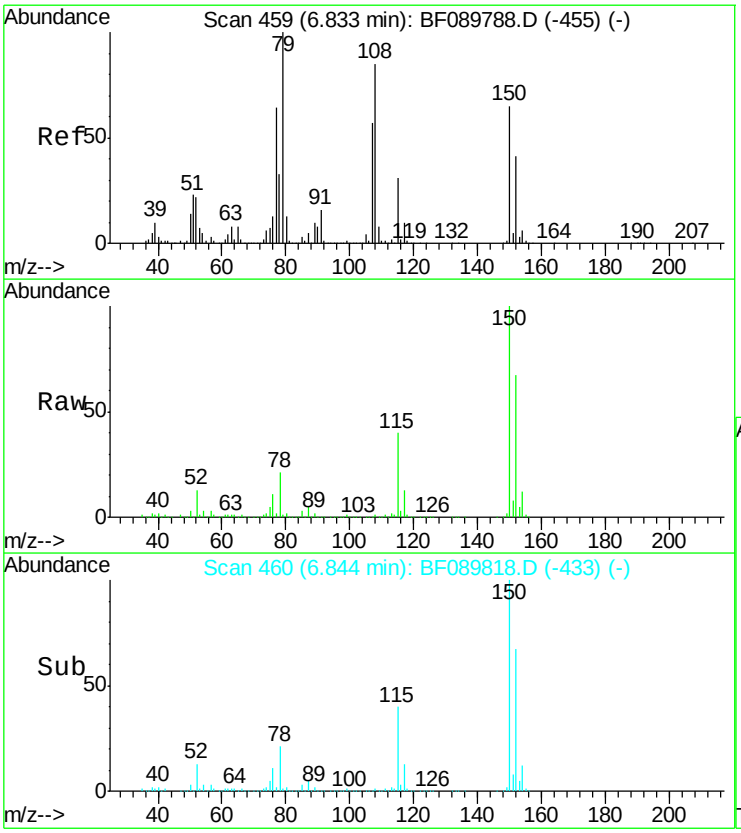
#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:146 Resp: 564

Ion	Ratio	Lower	Upper
146	100		
148	80.2	52.2	78.2#
111	101.8	29.8	44.6#

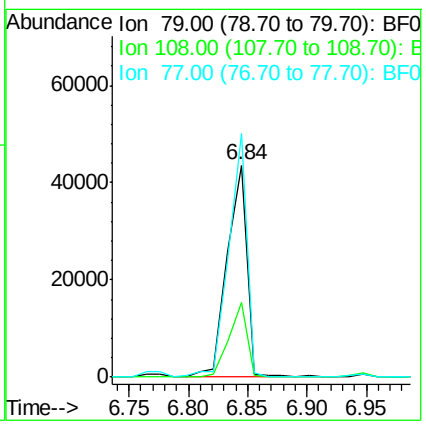


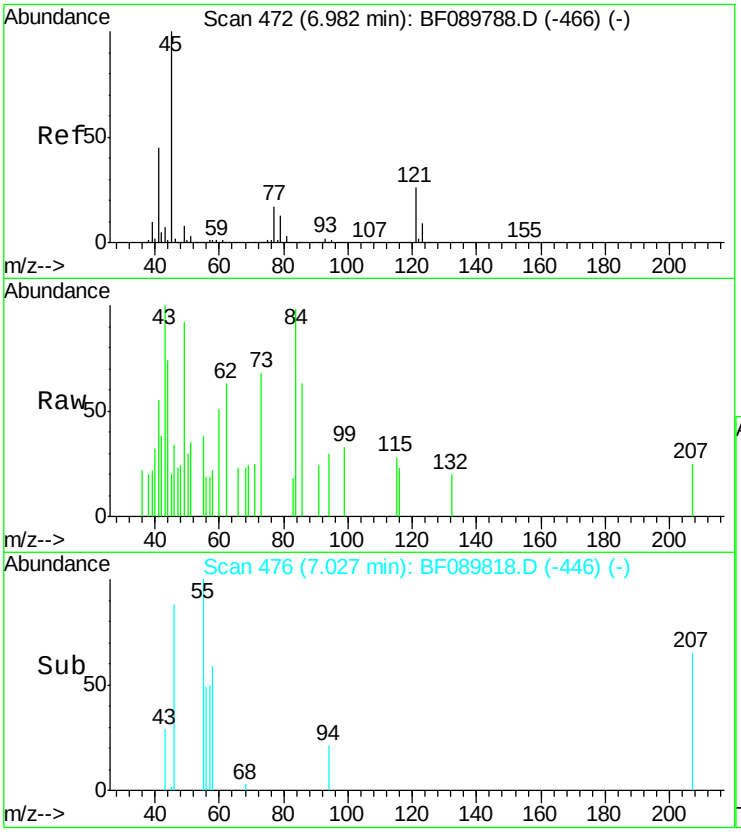


#15
Benzyl Alcohol
Concen: 1.93 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 79 Resp: 50633

Ion	Ratio	Lower	Upper
79	100		
108	35.4	62.5	93.7#
77	114.8	51.5	77.3#



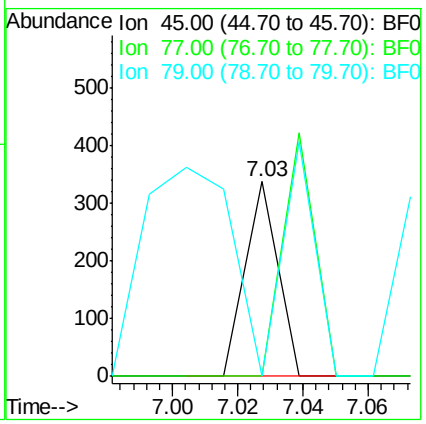


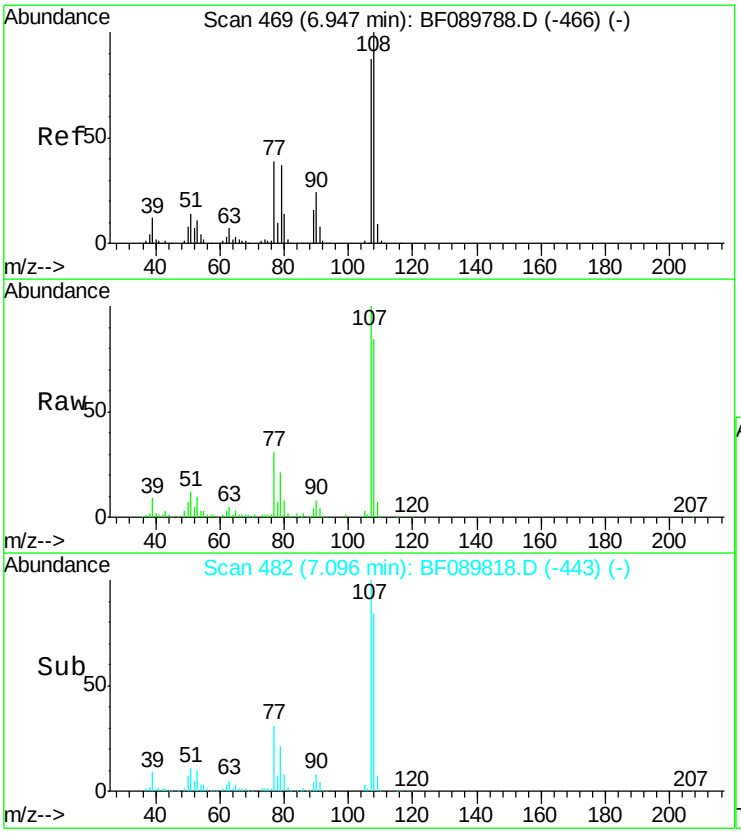
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.01 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.05 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion: 45 Resp: 232

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

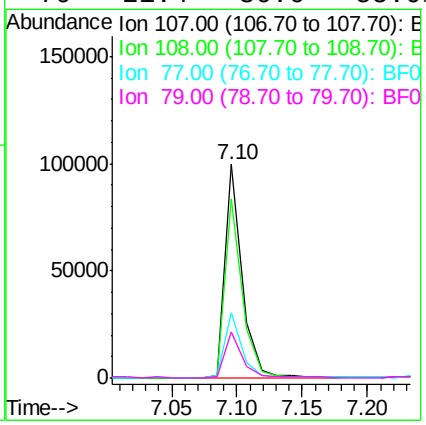


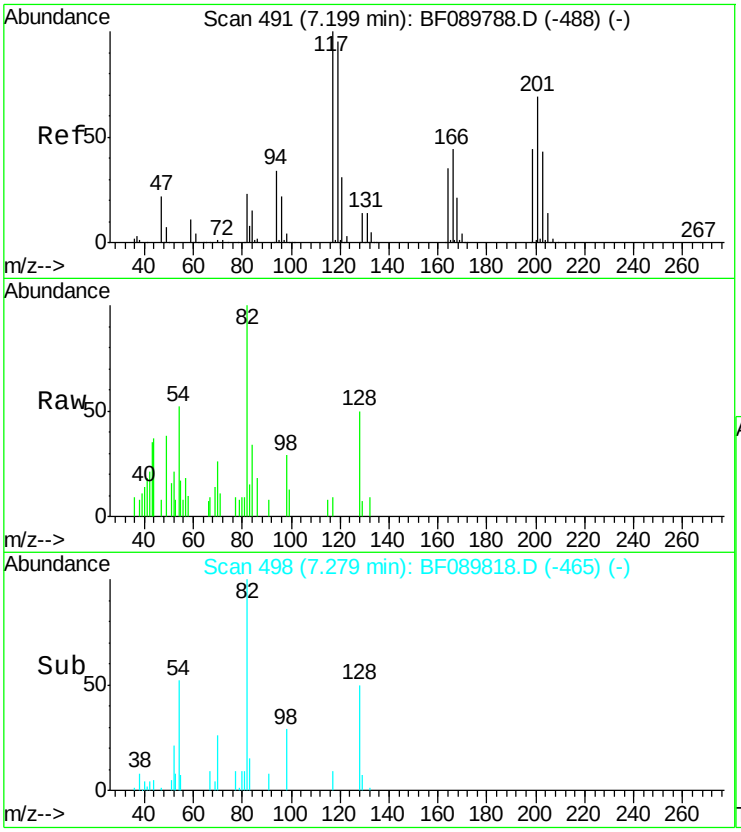


#17
2-Methylphenol
Concen: 3.08 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.15 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:107 Resp: 92605

Ion	Ratio	Lower	Upper
107	100		
108	83.9	91.0	136.4#
77	30.9	37.4	56.0#
79	21.4	36.6	55.0#



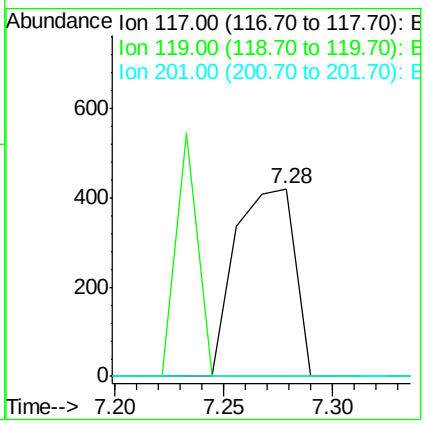


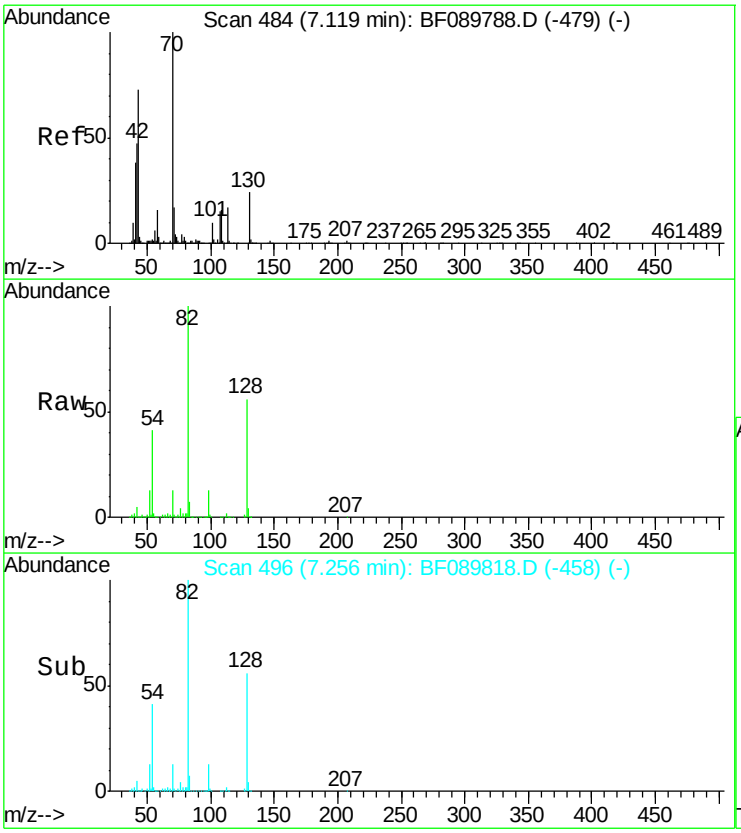
#18
Hexachloroethane
Concen: 0.05 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.08 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:117 Resp: 800

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

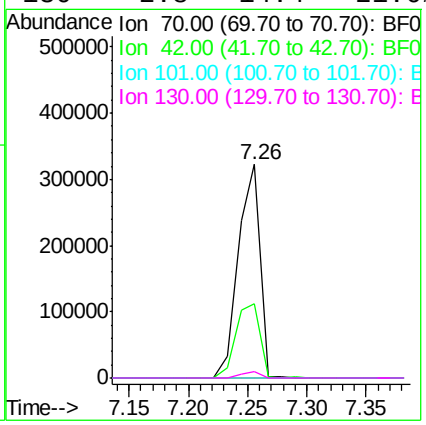


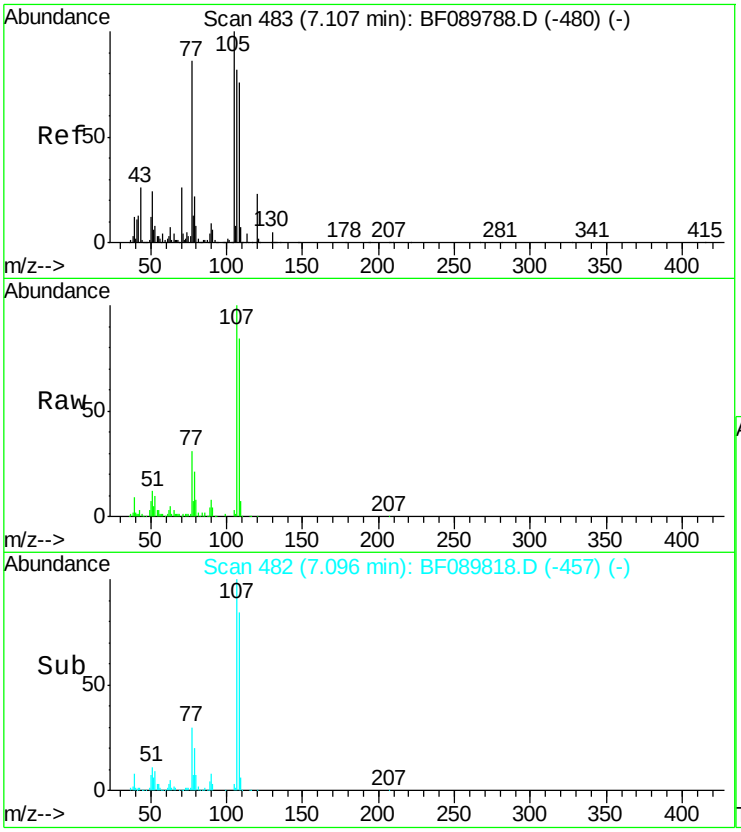


#19
n-Nitroso-di-n-propylamine
Concen: 16.24 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.14 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 70 Resp: 409889

Ion	Ratio	Lower	Upper
70	100		
42	34.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.8	14.4	21.6#



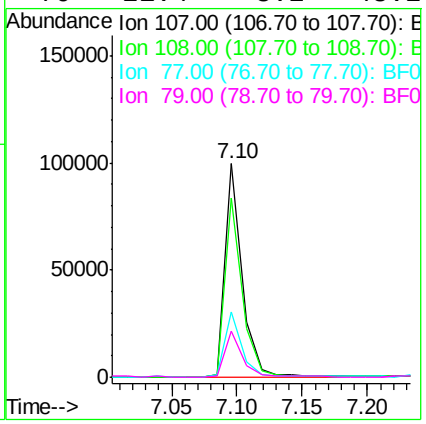


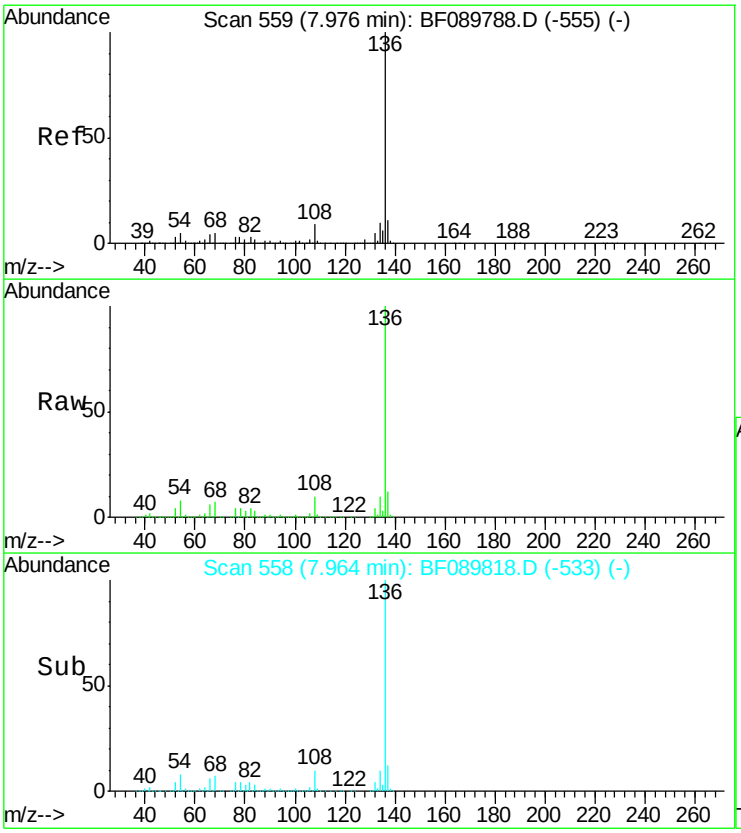
#20
3+4-Methylphenols
Concen: 2.51 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:107 Resp: 92605

Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.2	108.2
77	30.9	122.3	162.3#
79	21.4	8.2	48.2

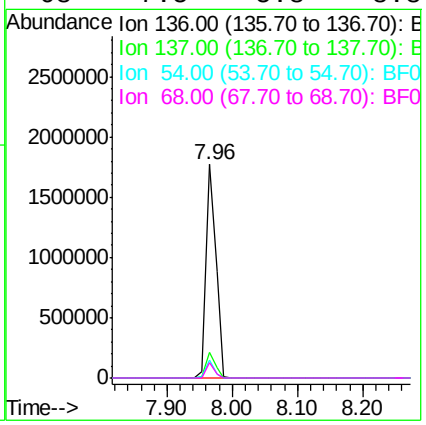


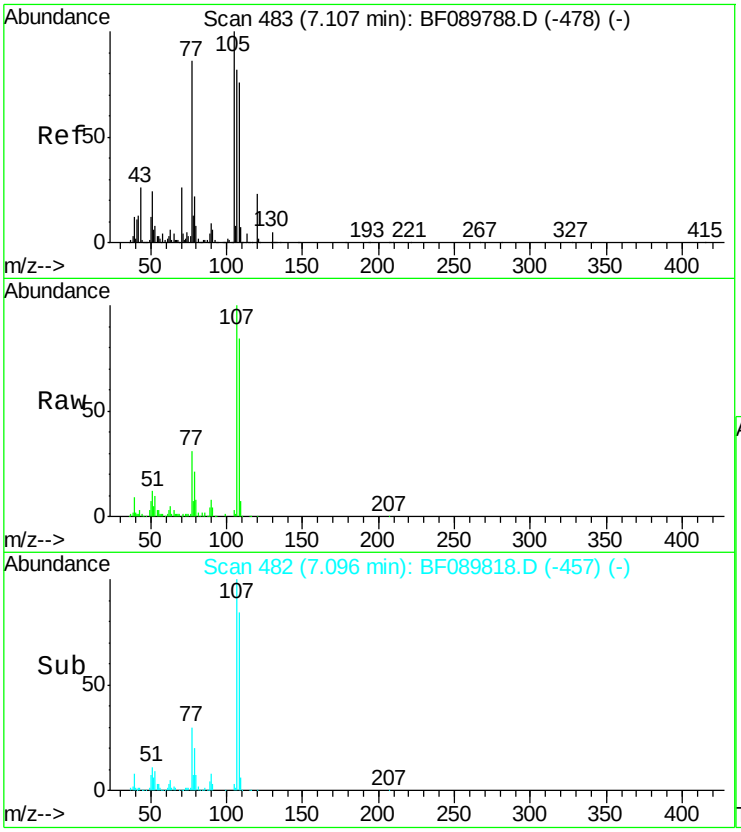


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:136 Resp: 1872390

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.4	7.2	10.8
68	7.5	5.8	8.8



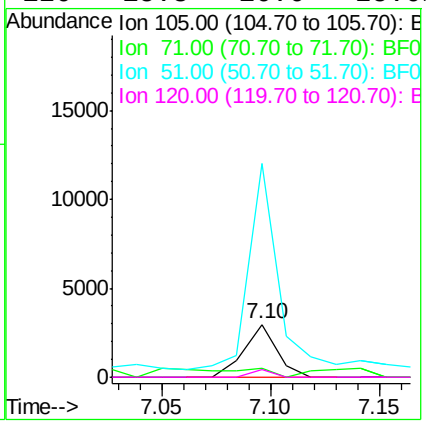


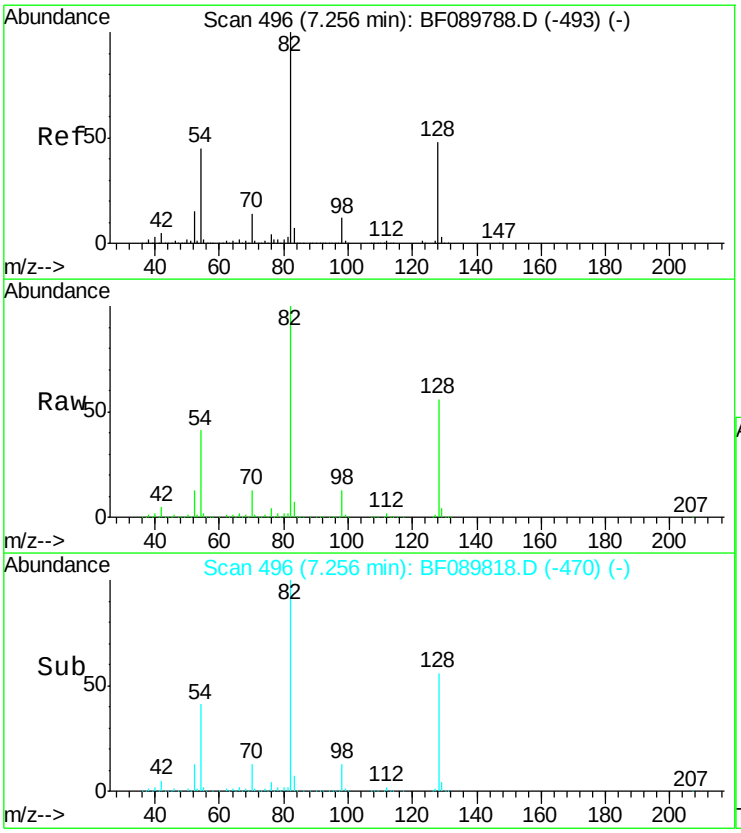
#22
Acetophenone
Concen: 0.07 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:105 Resp: 3118

Ion	Ratio	Lower	Upper
105	100		
71	17.2	1.9	2.9#
51	401.9	28.5	42.7#
120	15.3	16.6	25.0#

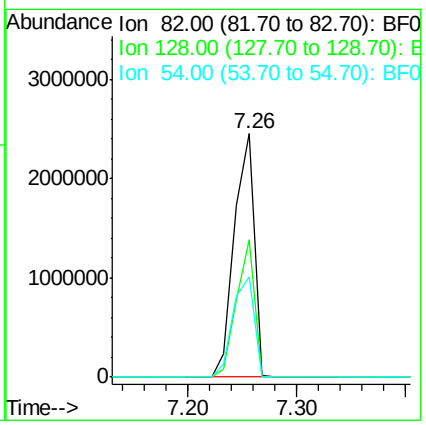


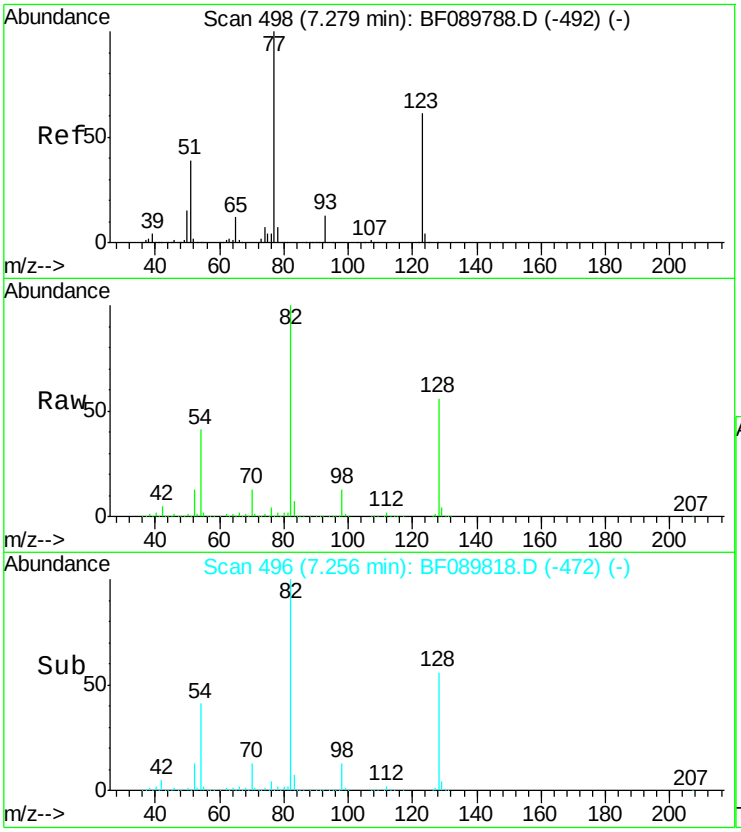


#23
Nitrobenzene-d5
Concen: 101.49 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 82 Resp: 3058724

Ion	Ratio	Lower	Upper
82	100		
128	56.2	34.4	51.6#
54	41.1	40.3	60.5



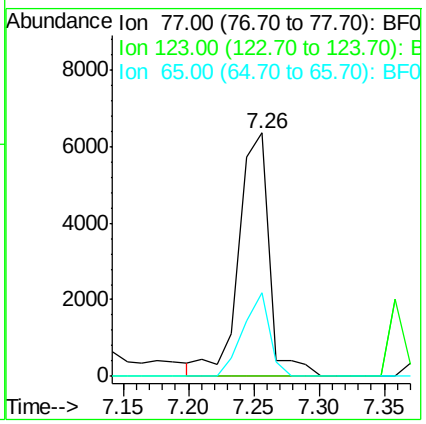


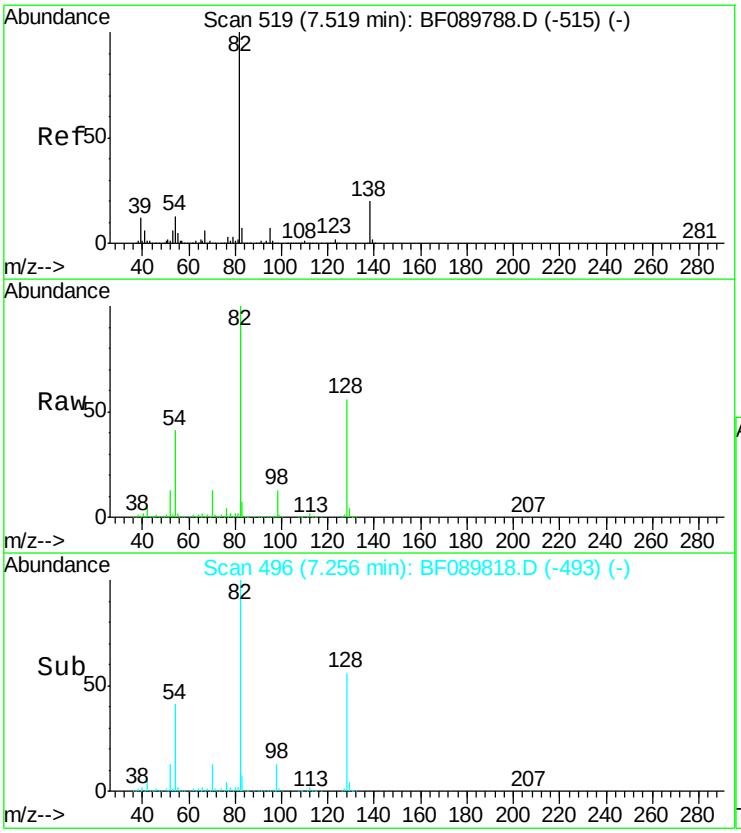
#24
Nitrobenzene
Concen: 0.31 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion: 77 Resp: 10371

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	34.5	10.6	15.8#

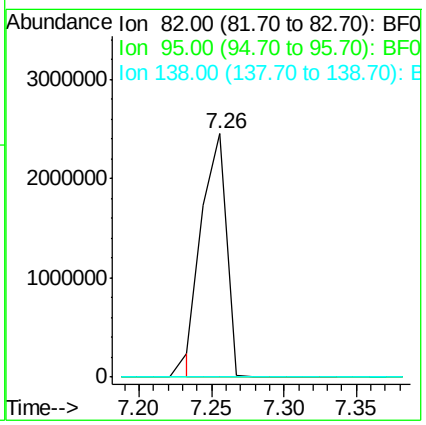


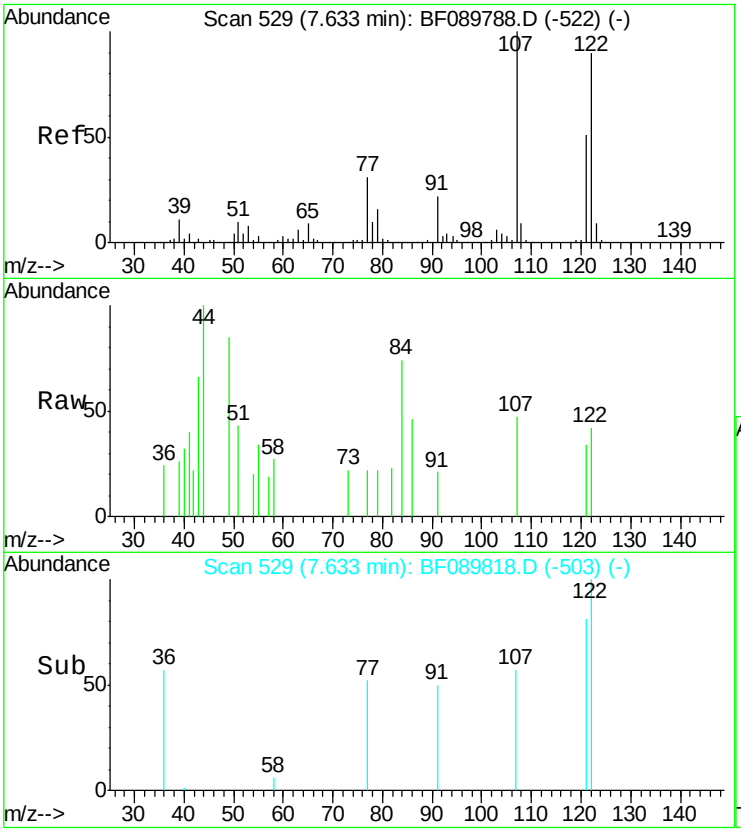


#25
Isophorone
Concen: 47.43 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.26 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 82 Resp: 2883169

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



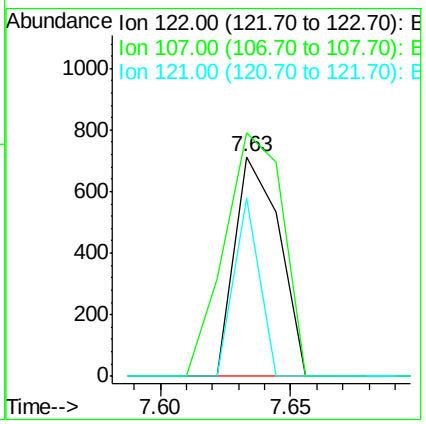


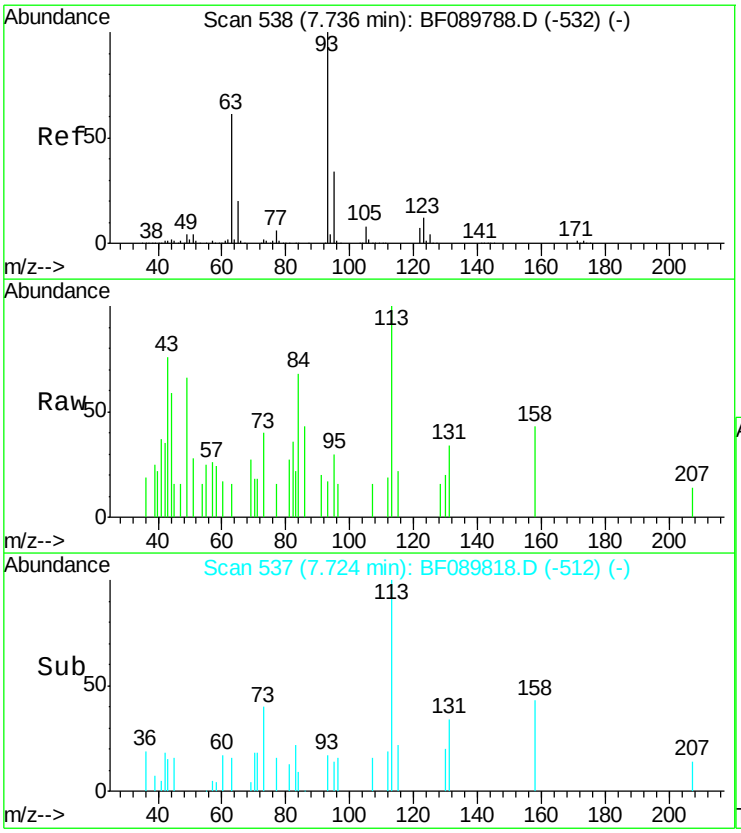
#27
2,4-Dimethylphenol
Concen: 0.03 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:122 Resp: 854

Ion	Ratio	Lower	Upper
122	100		
107	110.9	84.8	127.2
121	81.3	47.0	70.6#

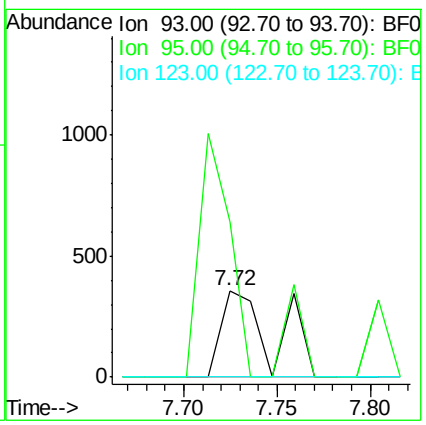


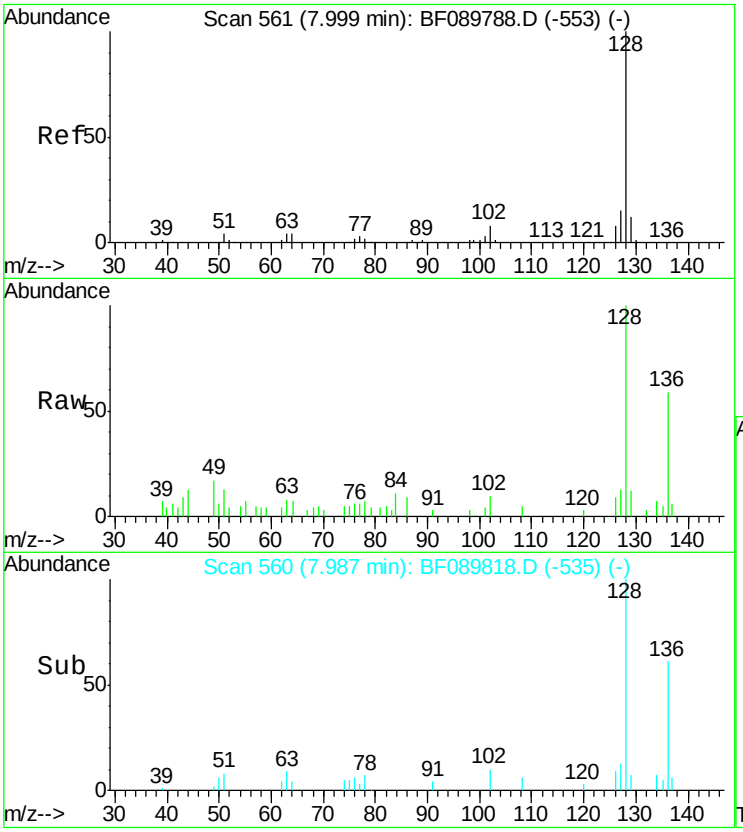


#28
bis(2-Chloroethoxy)methane
Concen: 0.02 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 93 Resp: 699

Ion	Ratio	Lower	Upper
93	100		
95	180.1	25.5	38.3#
123	0.0	8.5	12.7#



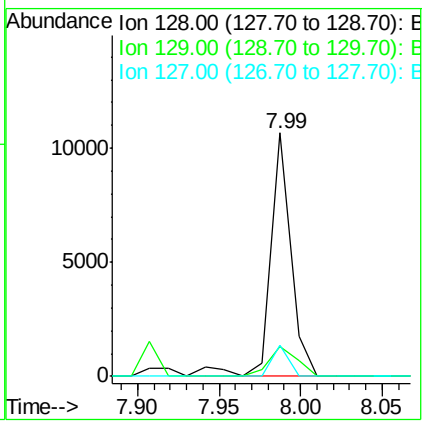


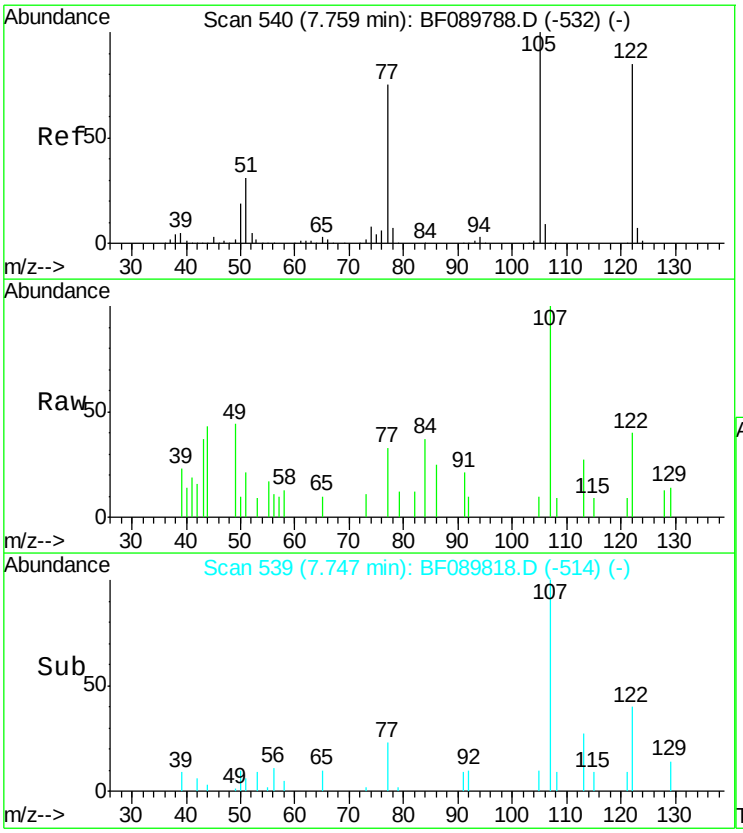
#31
Naphthalene
Concen: 0.11 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:128 Resp: 9421

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.5	14.3
127	12.7	11.3	16.9

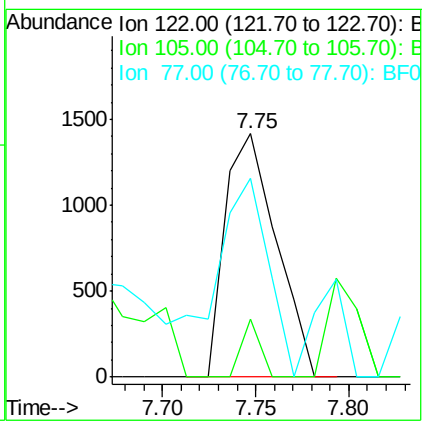


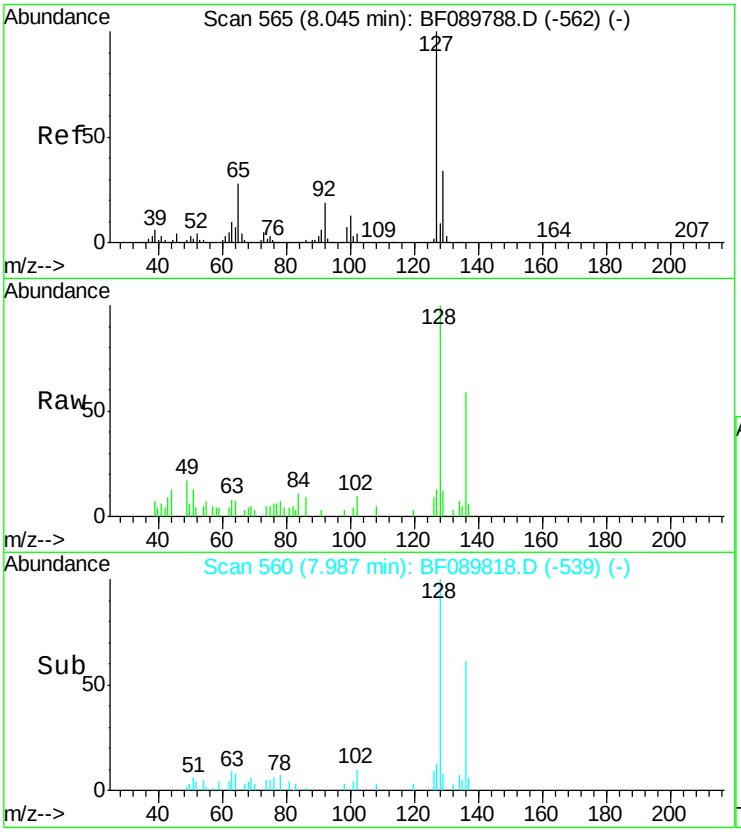


#32
Benzoic acid
Concen: 0.11 ng
RT: 7.75 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:122 Resp: 2707

Ion	Ratio	Lower	Upper
122	100		
105	23.9	100.8	140.8#
77	81.9	72.1	112.1



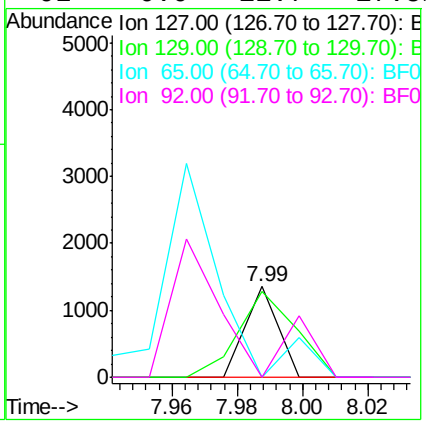


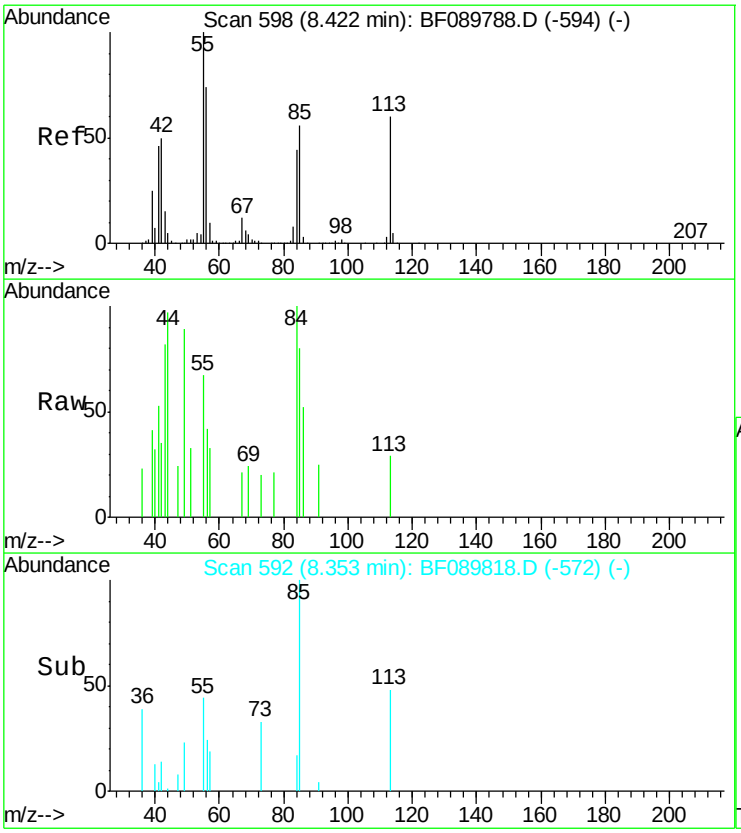
#33
4-Chloroaniline
Concen: 0.02 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.06 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:127 Resp: 928

Ion	Ratio	Lower	Upper
127	100		
129	95.1	27.0	40.6#
65	0.0	14.7	22.1#
92	0.0	11.7	17.5#

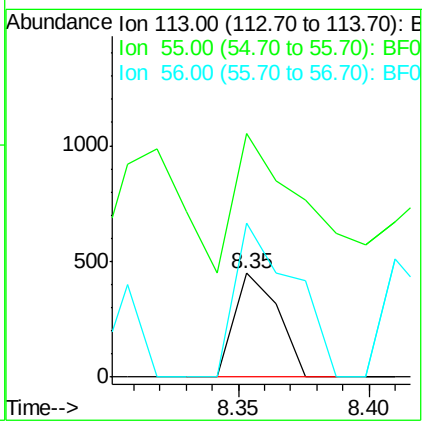


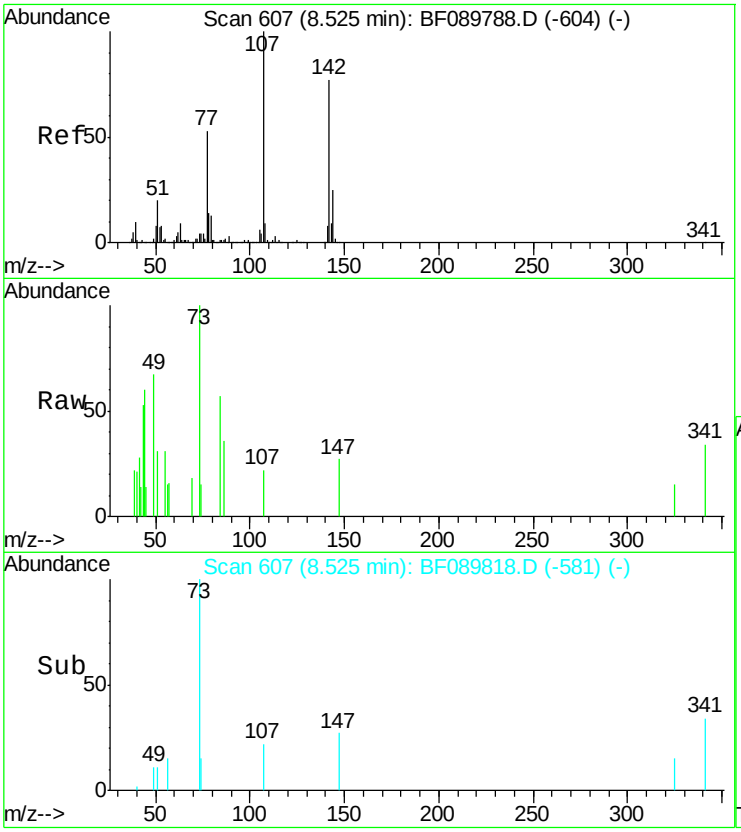


#35
Caprolactam
Concen: 0.07 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.07 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:113 Resp: 525

Ion	Ratio	Lower	Upper
113	100		
55	234.8	135.9	175.9#
56	148.9	93.9	133.9#



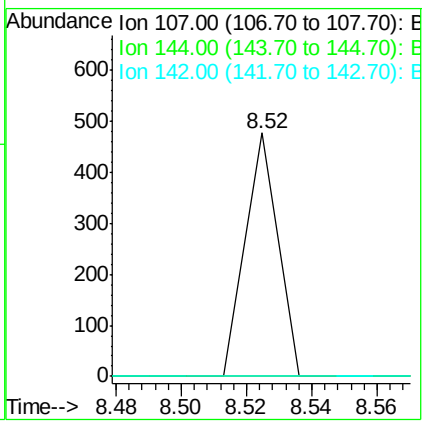


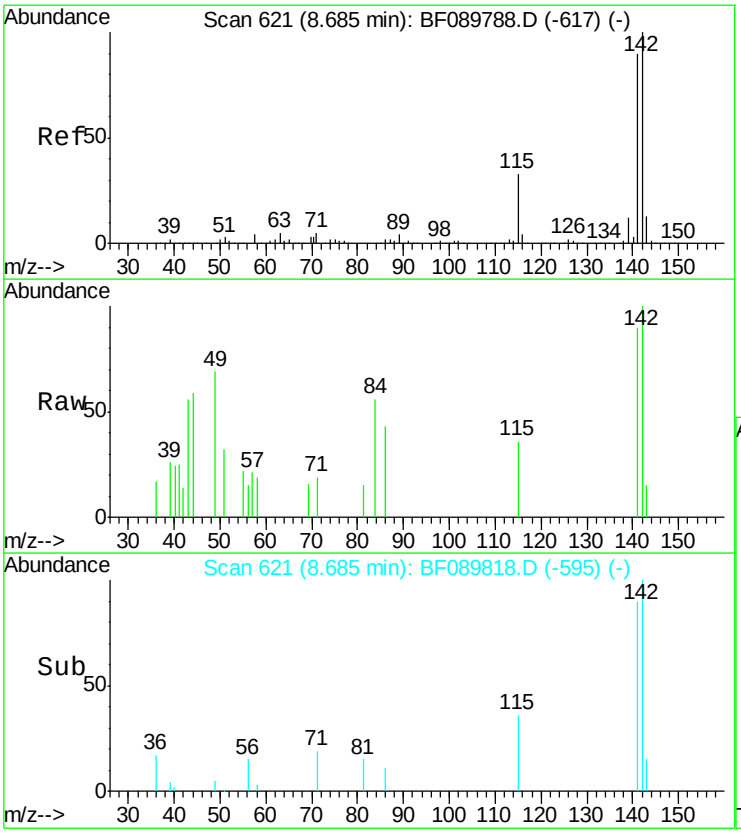
#36
4-Chloro-3-methylphenol
Concen: 0.01 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:107 Resp: 327

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

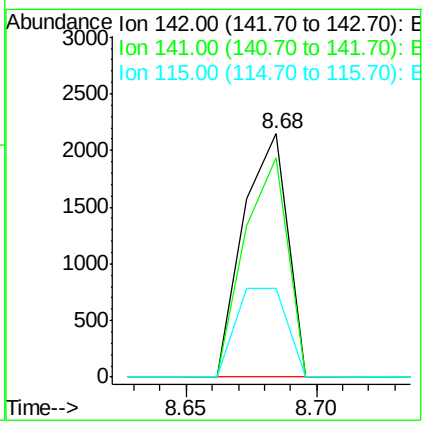


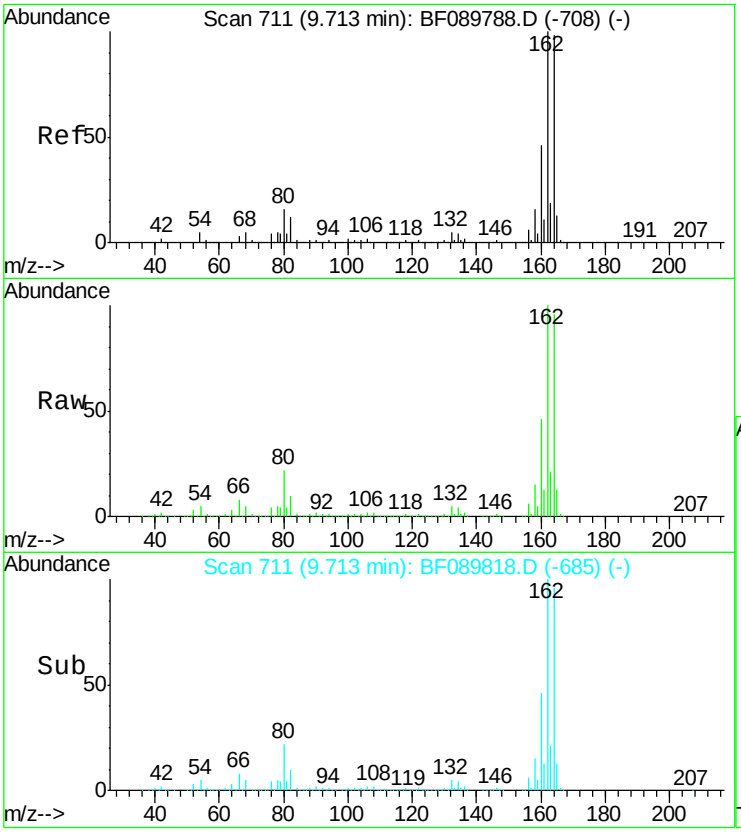


#37
2-Methylnaphthalene
Concen: 0.05 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:142 Resp: 2555

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.4	107.2
115	36.4	22.7	34.1#



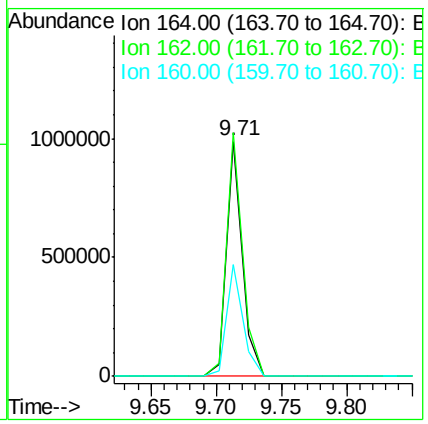


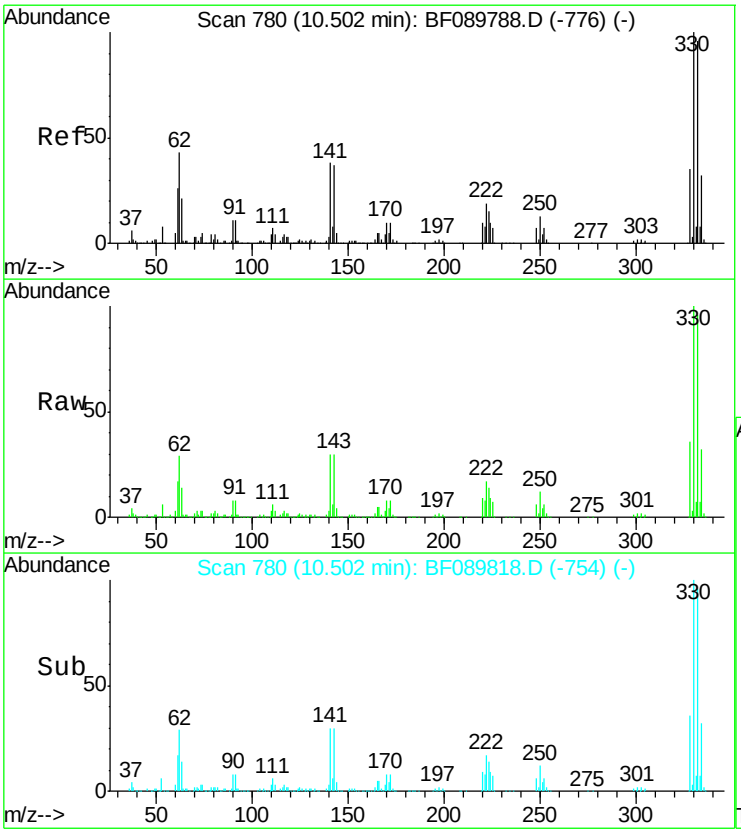
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:164 Resp: 838022

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.4	122.2
160	47.4	37.8	56.6

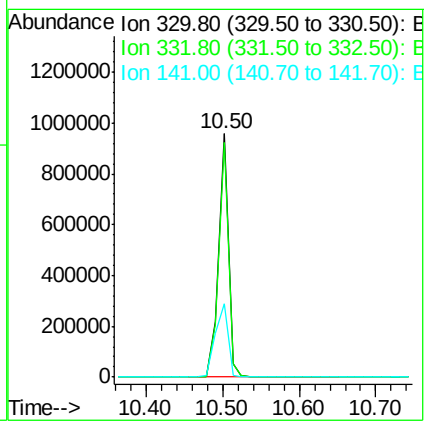


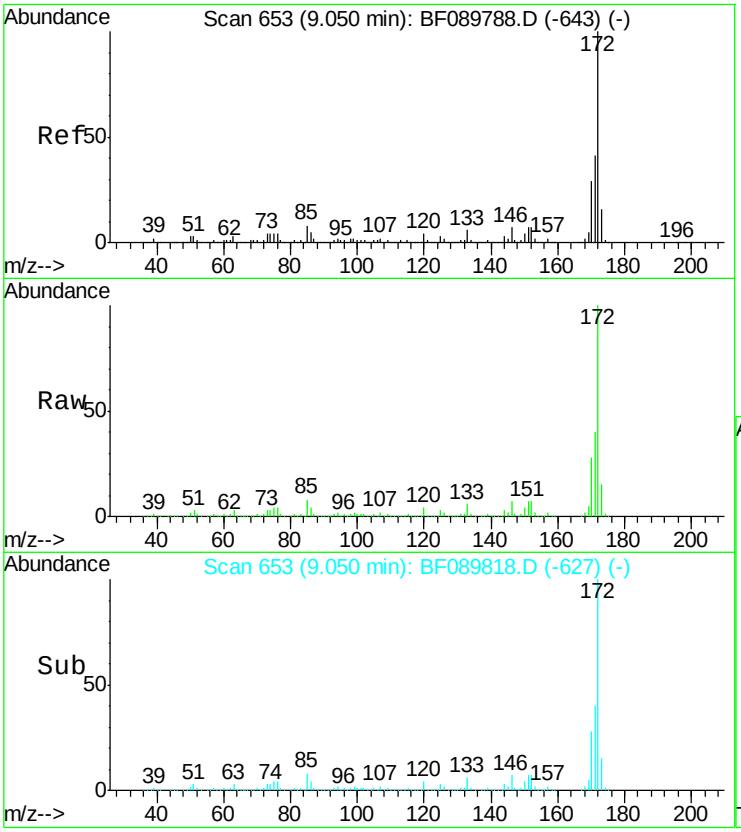


#41
2,4,6-Tribromophenol
Concen: 108.32 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:330 Resp: 862709

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	38.6	30.2	45.2



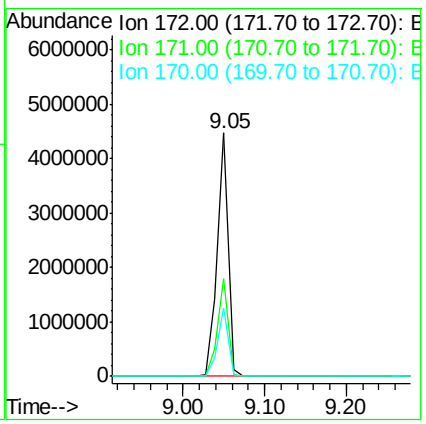


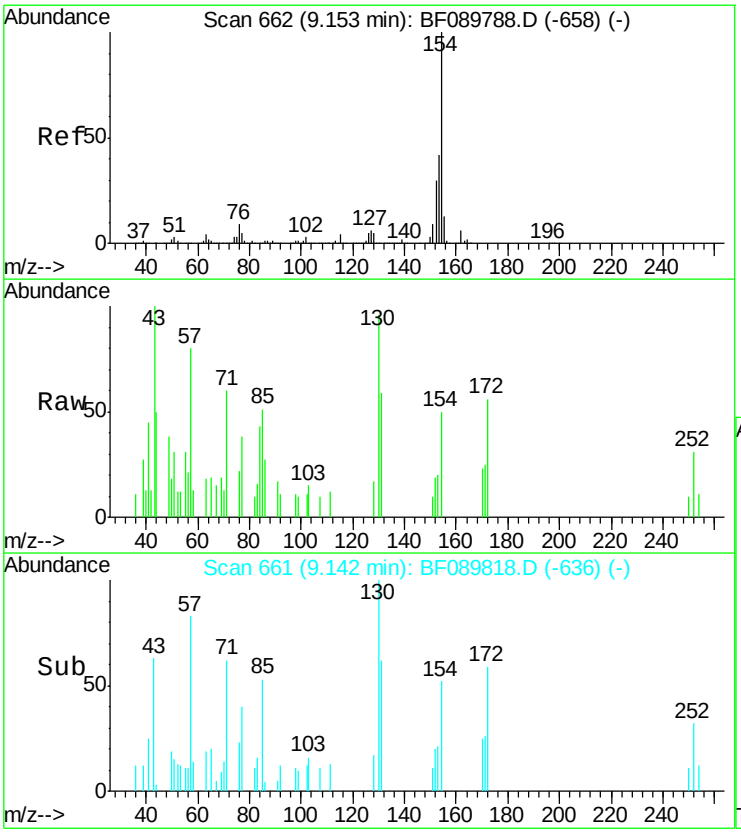
#44
2-Fluorobiphenyl
Concen: 87.42 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:172 Resp: 4168469

Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.5	45.7
170	28.0	20.6	31.0

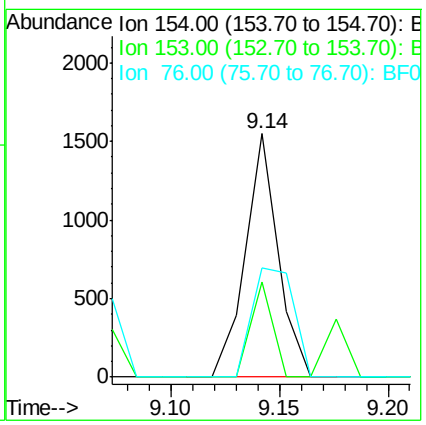


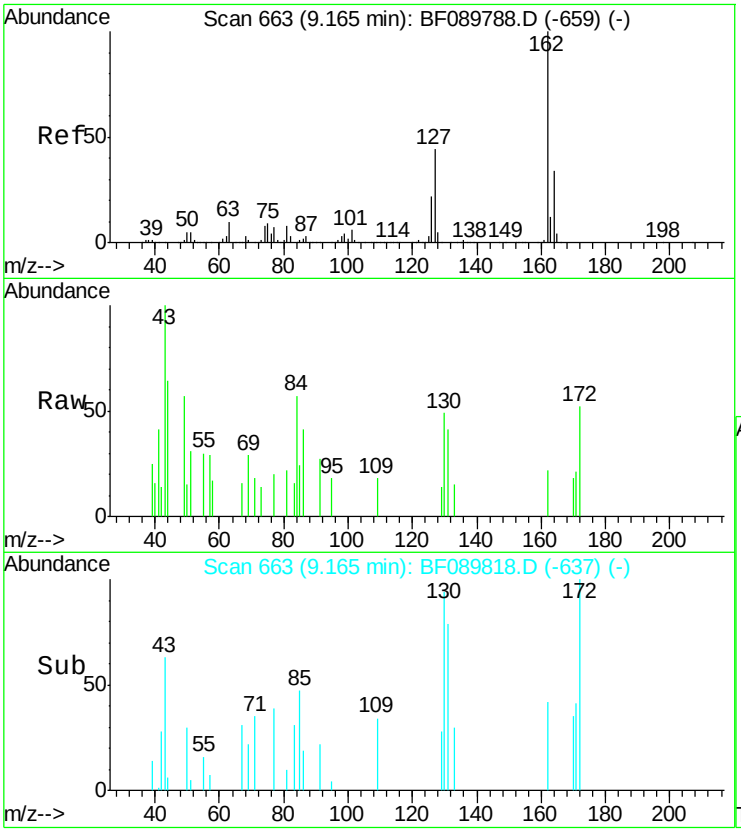


#45
1,1'-Biphenyl
Concen: 0.02 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:154 Resp: 1619

Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.5	61.5
76	44.7	0.0	36.7#



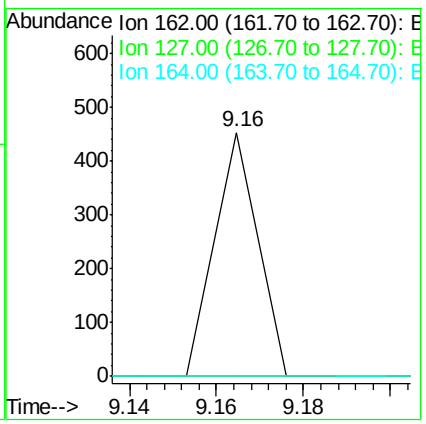


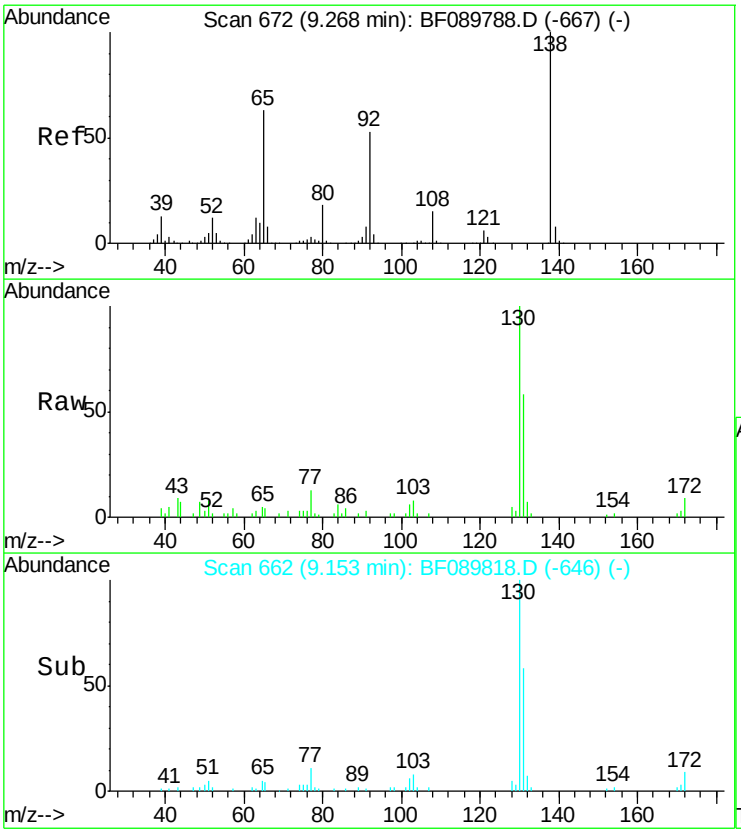
#46
2-Chloronaphthalene
Concen: 0.01 ng
RT: 9.16 min Scan# 663
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:162 Resp: 311

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

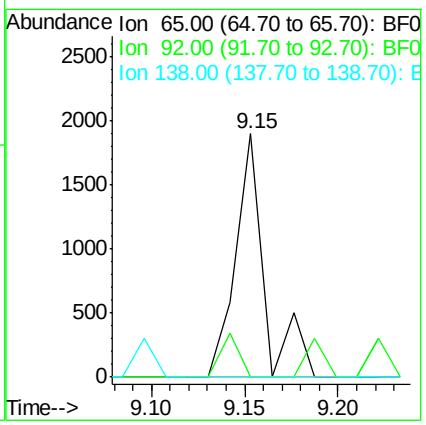


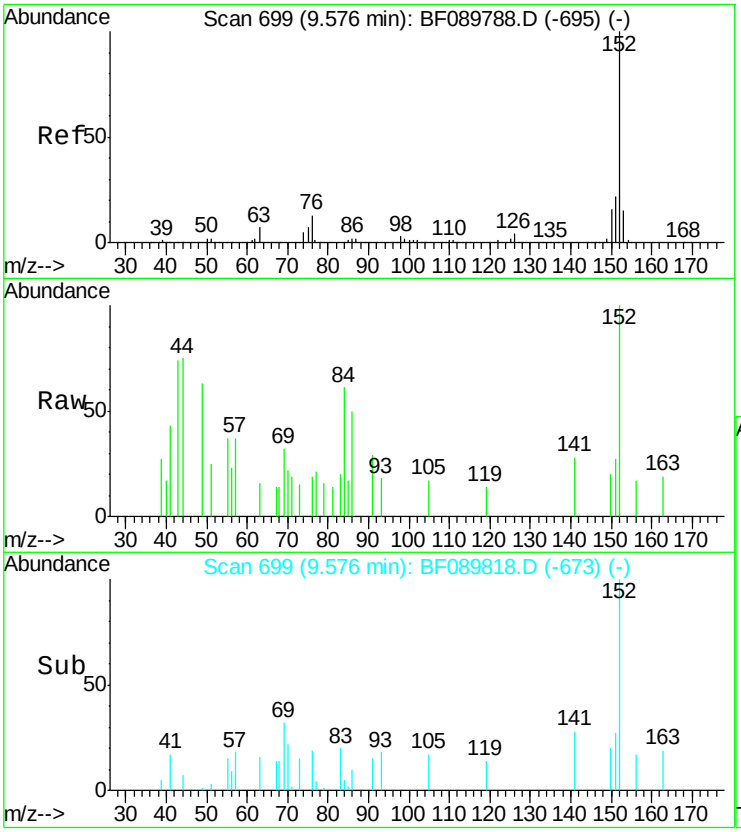


#47
2-Nitroaniline
Concen: 0.14 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.11 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 65 Resp: 2053

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



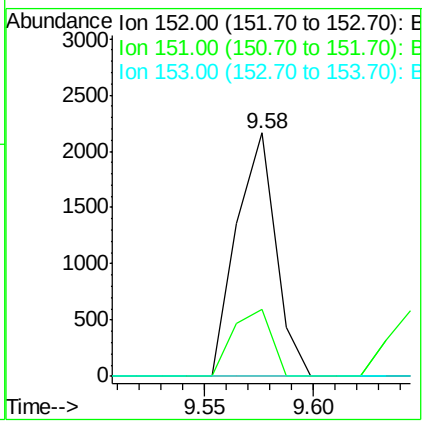


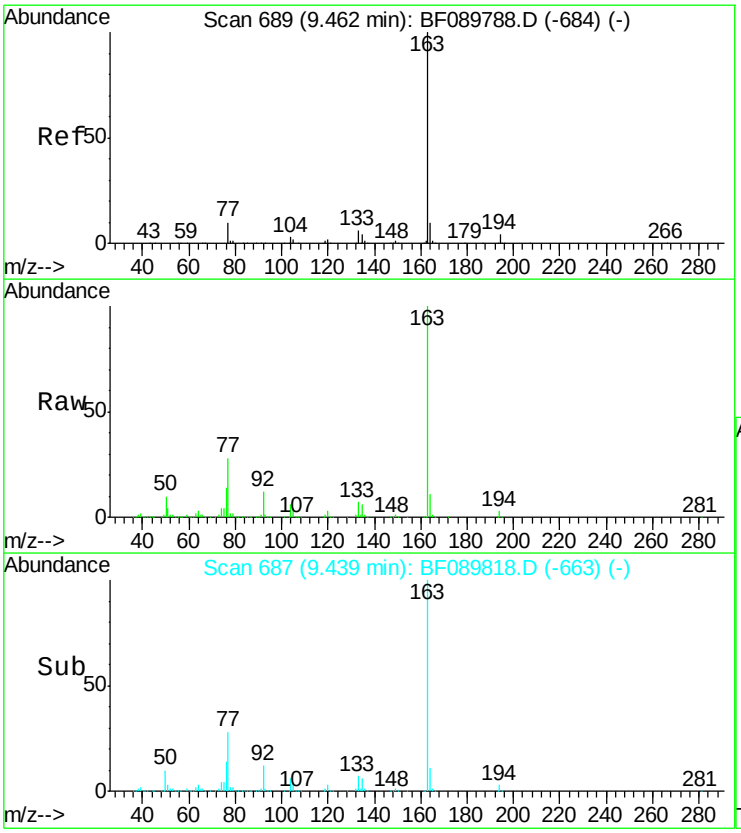
#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:152 Resp: 2715

Ion	Ratio	Lower	Upper
152	100		
151	27.5	17.1	25.7#
153	0.0	11.2	16.8#

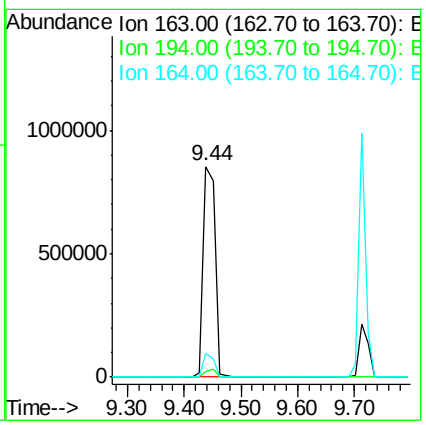


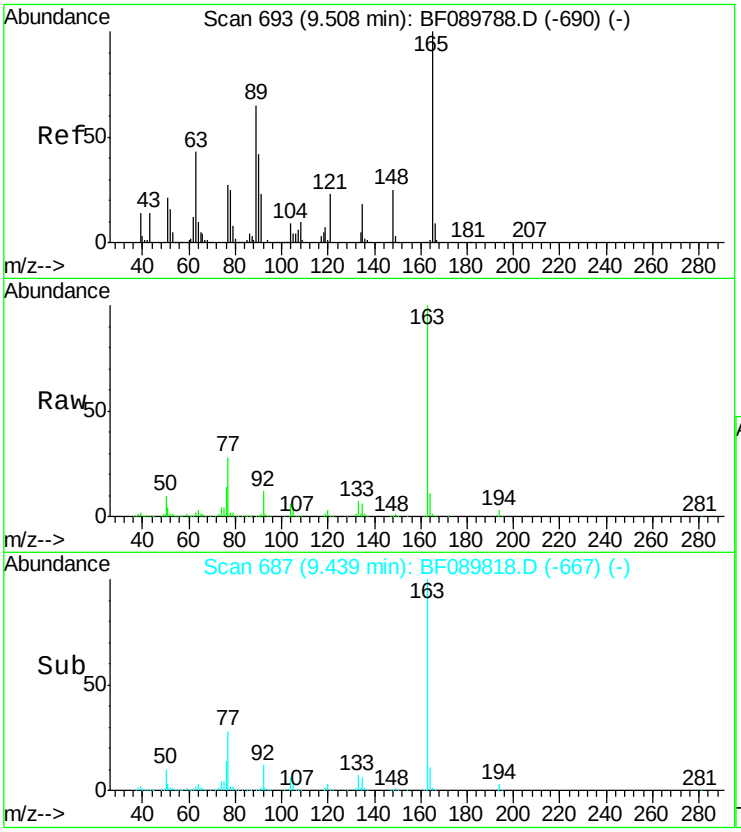


#49
Dimethylphthalate
Concen: 19.67 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:163 Resp: 1160863

Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	3.8
164	10.9	8.6	12.8



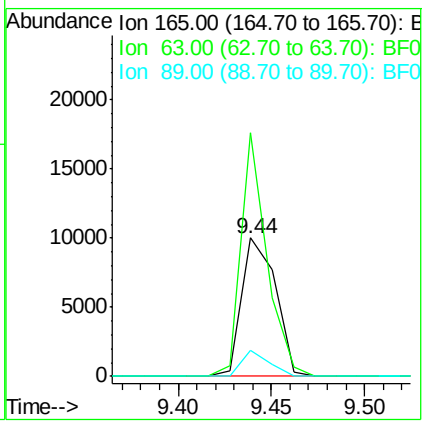


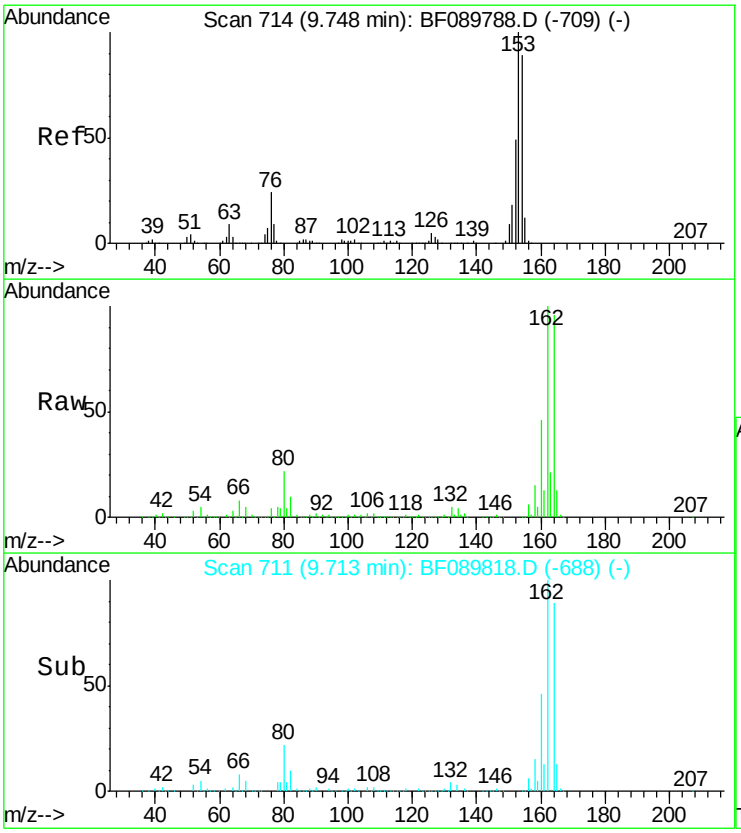
#50
2,6-Dinitrotoluene
Concen: 0.93 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:165 Resp: 12640

Ion	Ratio	Lower	Upper
165	100		
63	176.0	41.7	62.5#
89	18.4	44.6	67.0#

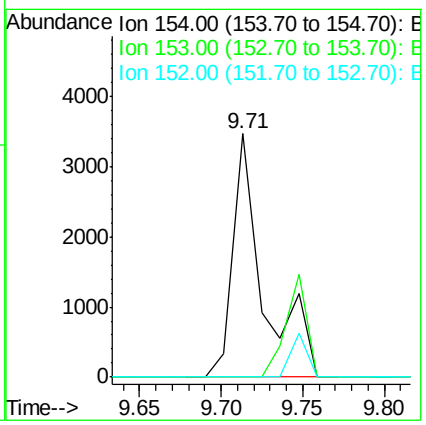


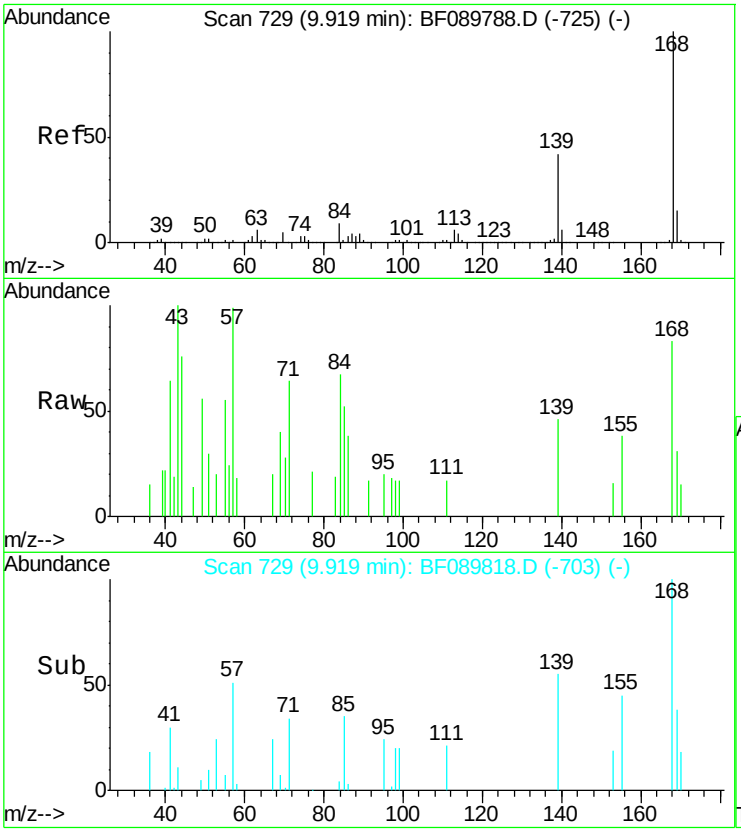


#51
Acenaphthene
Concen: 0.09 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:154 Resp: 4435

Ion	Ratio	Lower	Upper
154	100		
153	0.0	90.5	135.7#
152	0.0	44.6	67.0#



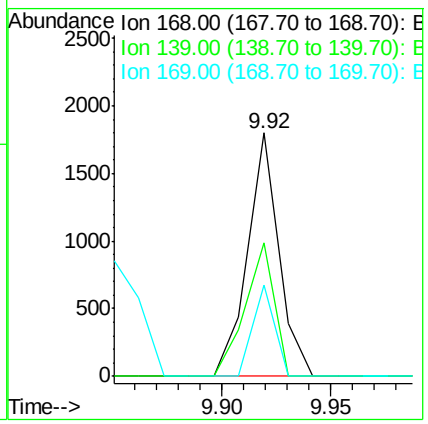


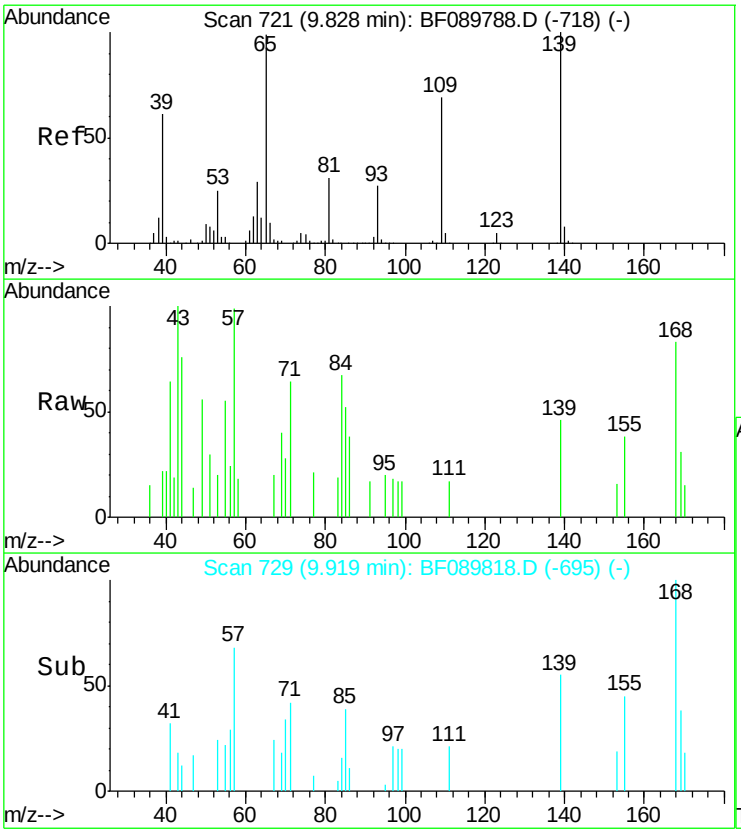
#54
Dibenzofuran
Concen: 0.03 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:168 Resp: 1803

Ion	Ratio	Lower	Upper
168	100		
139	54.7	34.6	52.0#
169	37.7	11.5	17.3#

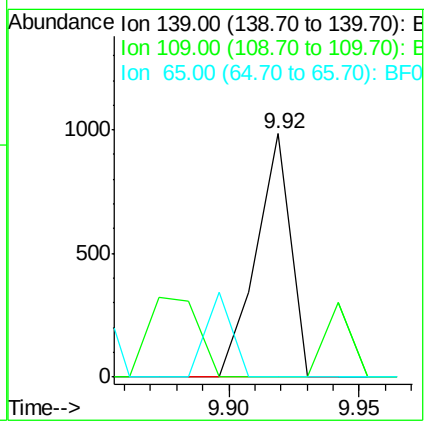


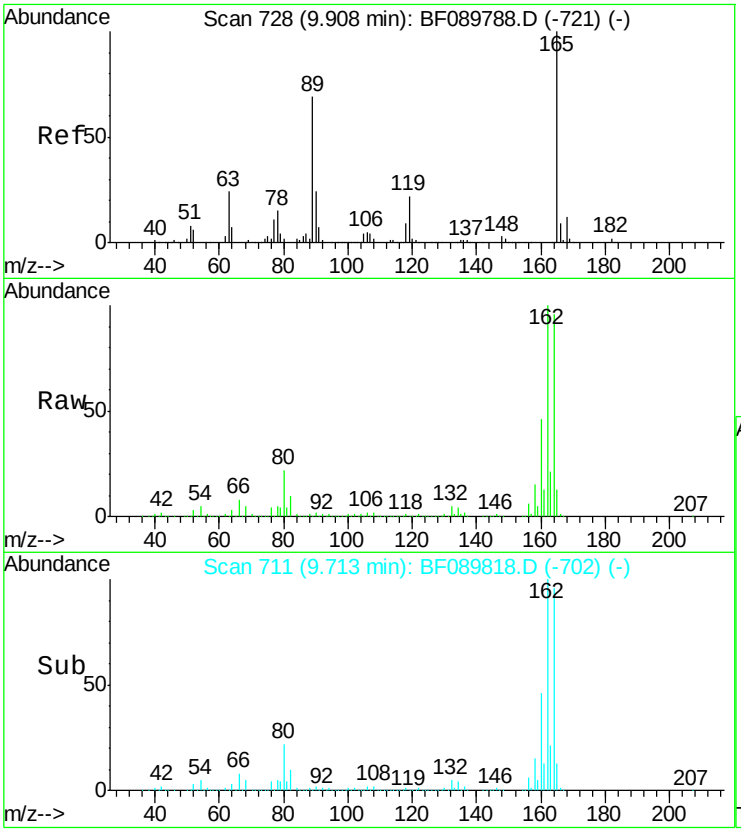


#55
4-Nitrophenol
Concen: 0.07 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.09 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:139 Resp: 909

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



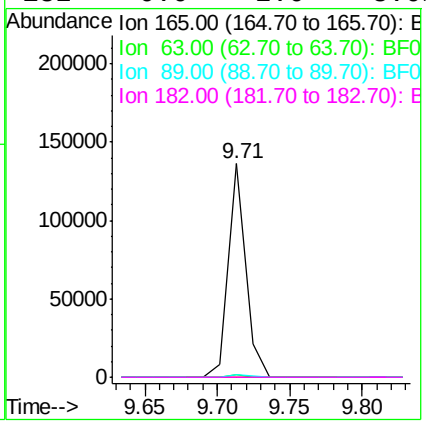


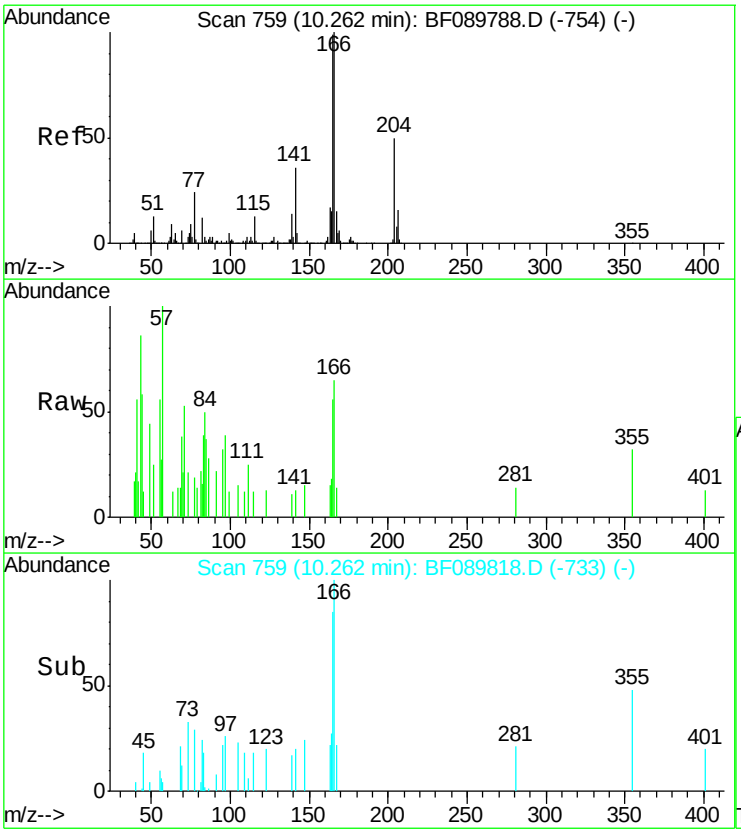
#56
2,4-Dinitrotoluene
Concen: 6.47 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.19 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:165 Resp: 114343

Ion	Ratio	Lower	Upper
165	100		
63	0.9	23.7	35.5#
89	1.2	44.0	66.0#
182	0.0	2.0	3.0#

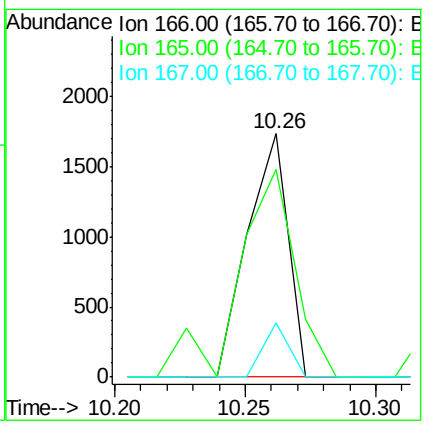


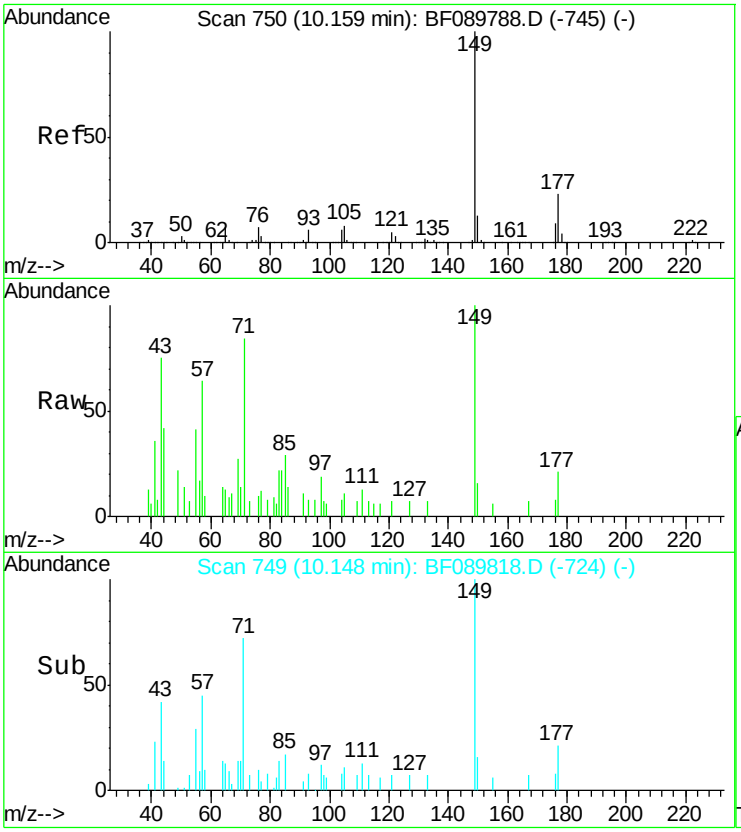


#57
Fluorene
Concen: 0.04 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:166 Resp: 1886

Ion	Ratio	Lower	Upper
166	100		
165	85.4	80.2	120.4
167	22.2	11.3	16.9#



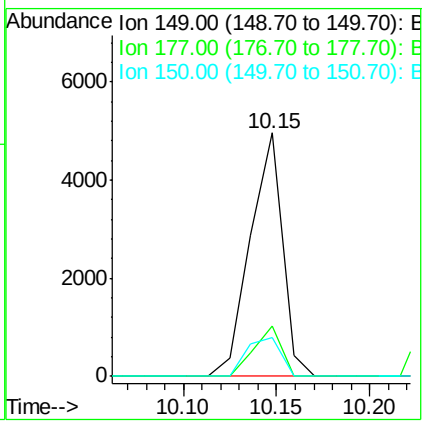


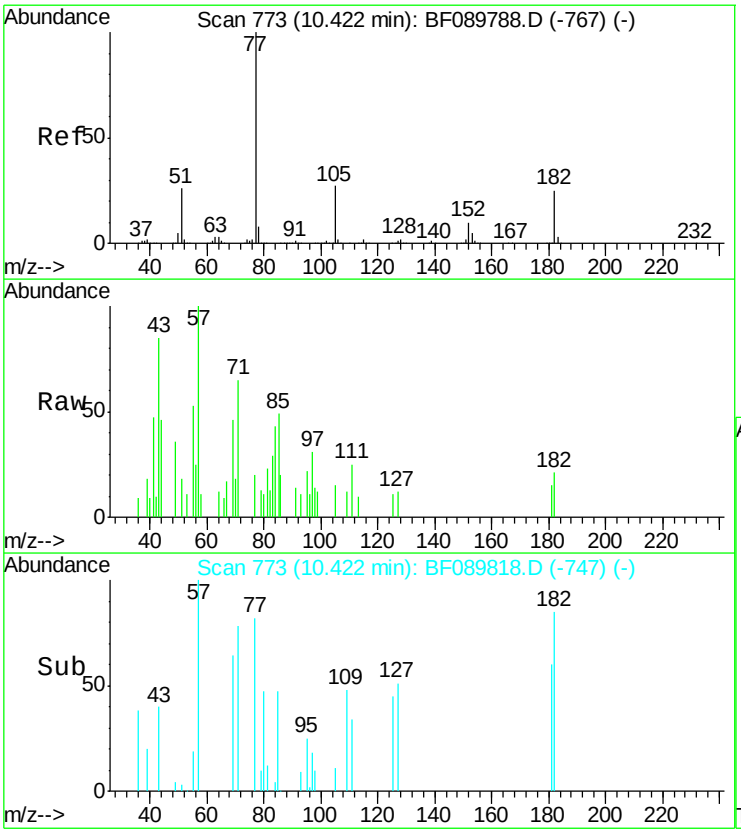
#59
Diethylphthalate
Concen: 0.10 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:149 Resp: 5932

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.6	25.0
150	15.8	10.5	15.7#

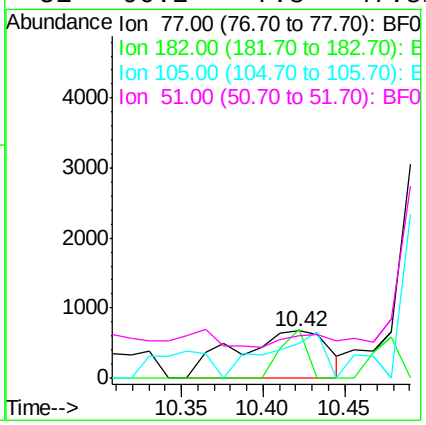


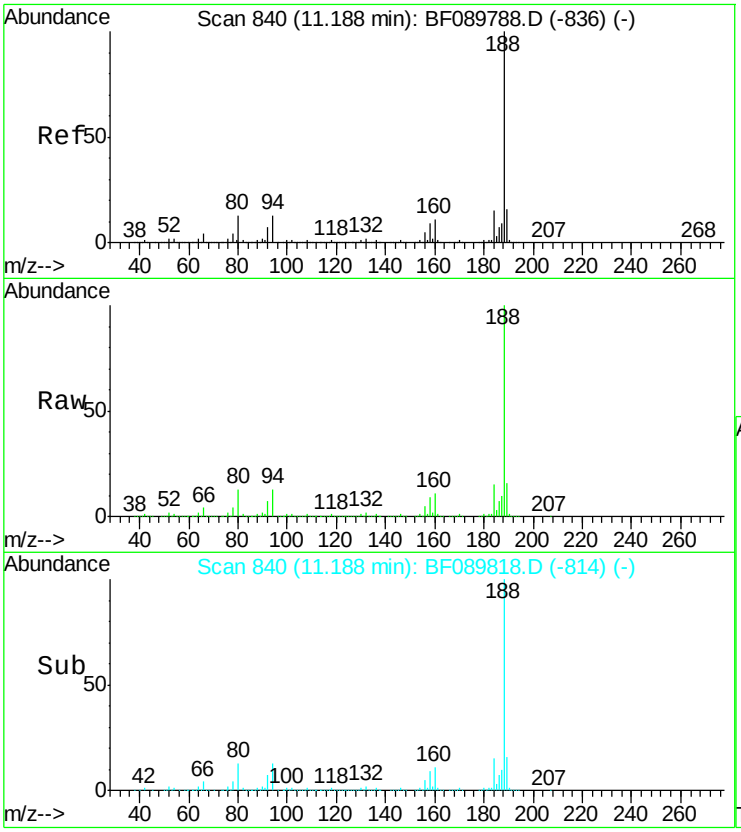


#62
Azobenzene
Concen: 0.05 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion: 77 Resp: 2658

Ion	Ratio	Lower	Upper
77	100		
182	103.4	5.6	45.6#
105	73.9	4.0	44.0#
51	90.2	7.8	47.8#



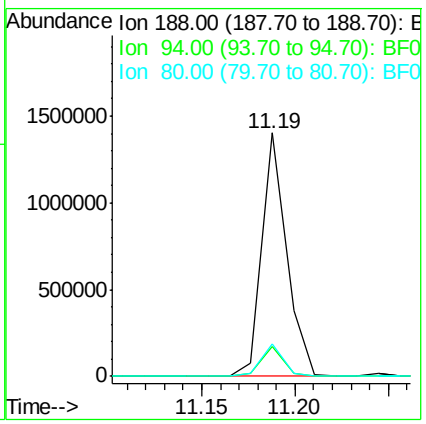


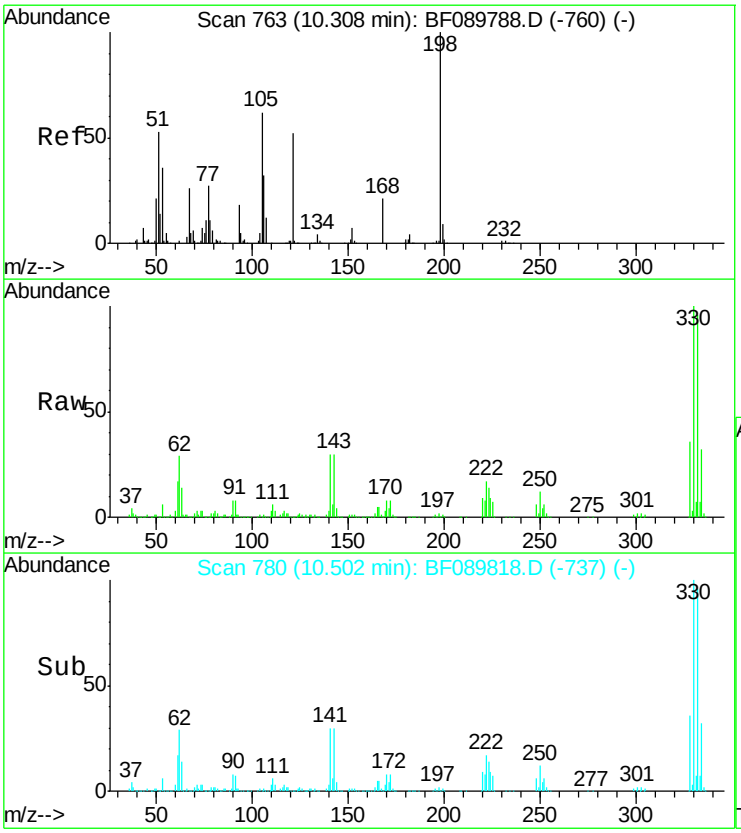
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:188 Resp: 1281384

Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.2	15.2
80	13.1	10.9	16.3

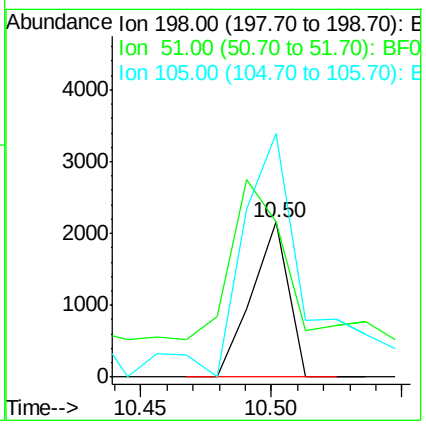


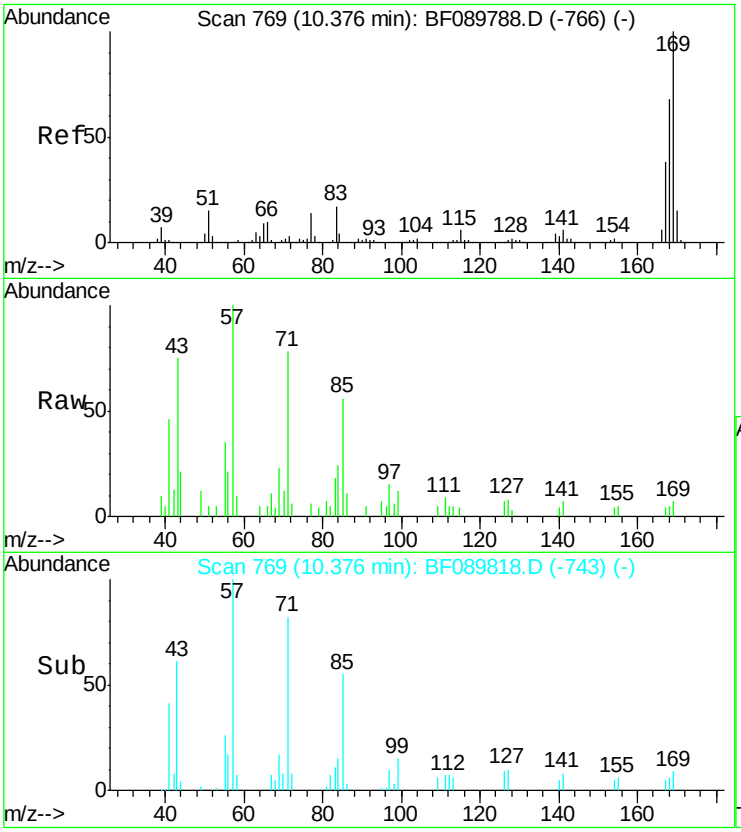


#64
4,6-Dinitro-2-methylphenol
Concen: 0.29 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.19 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:198 Resp: 2131

Ion	Ratio	Lower	Upper
198	100		
51	100.0	32.3	72.3#
105	156.8	32.9	72.9#



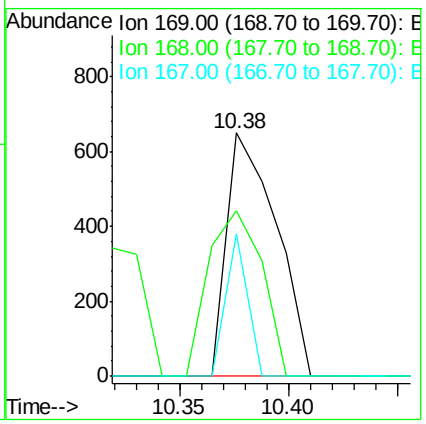


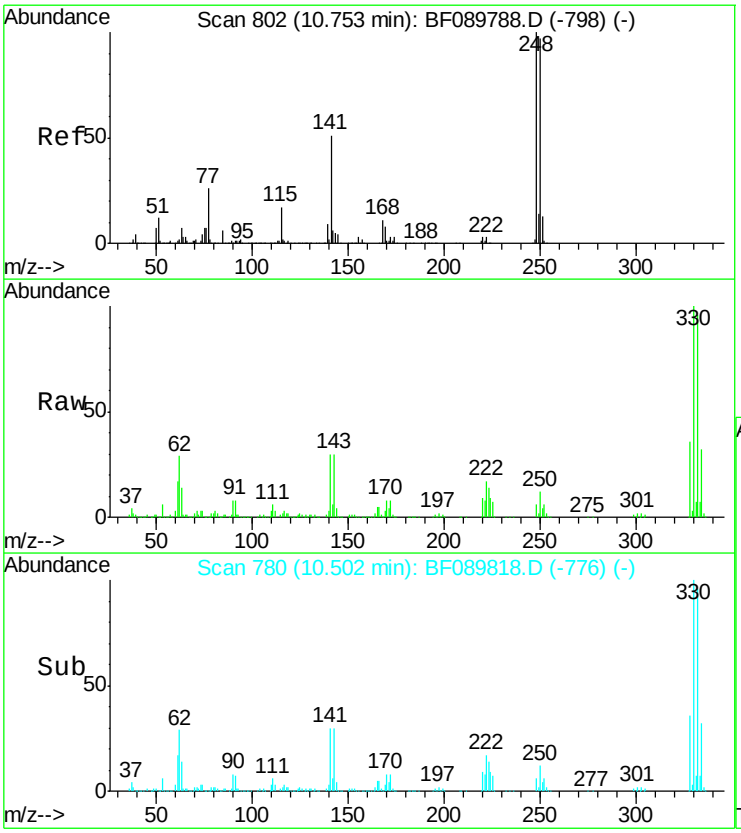
#65
n-Nitrosodiphenylamine
Concen: 0.03 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:169 Resp: 1028

Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.6	82.0
167	58.5	30.6	45.8#

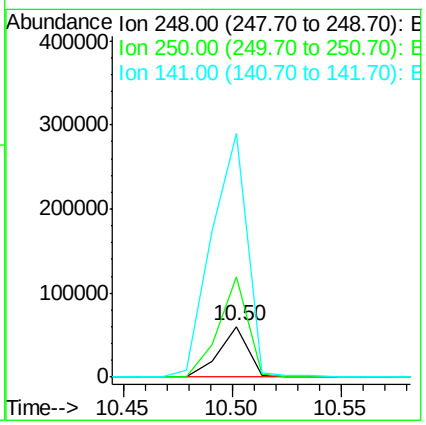


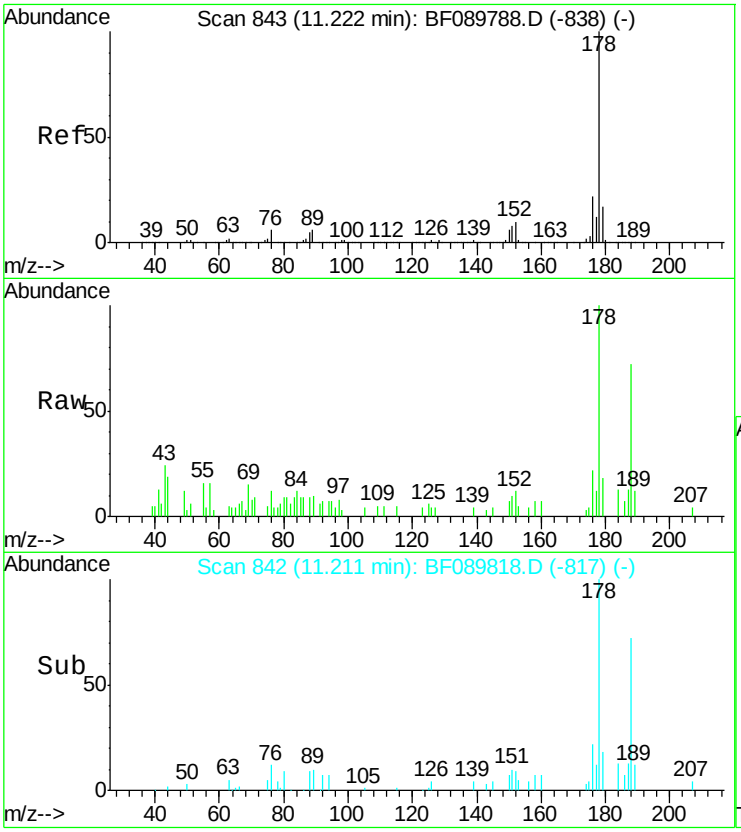


#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.25 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:248 Resp: 55981

Ion	Ratio	Lower	Upper
248	100		
250	198.7	78.6	117.8#
141	480.7	31.4	47.2#



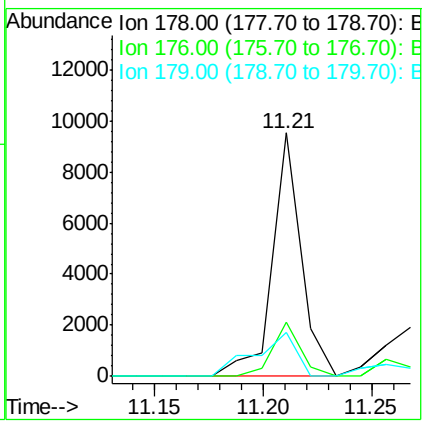


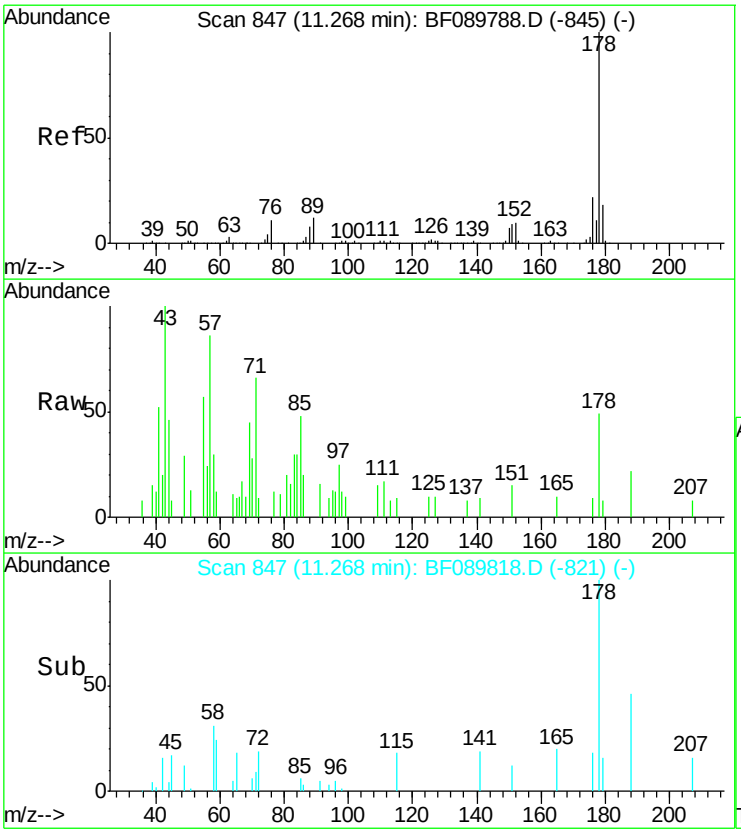
#70
Phenanthrene
Concen: 0.14 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:178 Resp: 8879

Ion	Ratio	Lower	Upper
178	100		
176	22.3	16.4	24.6
179	18.2	12.5	18.7

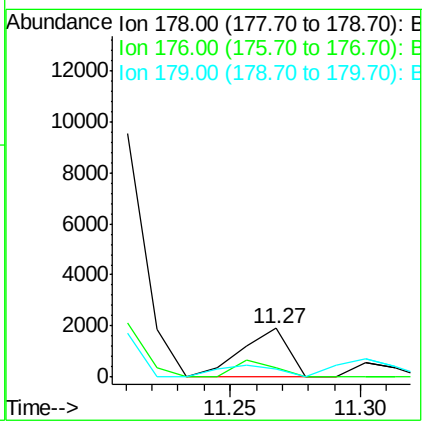


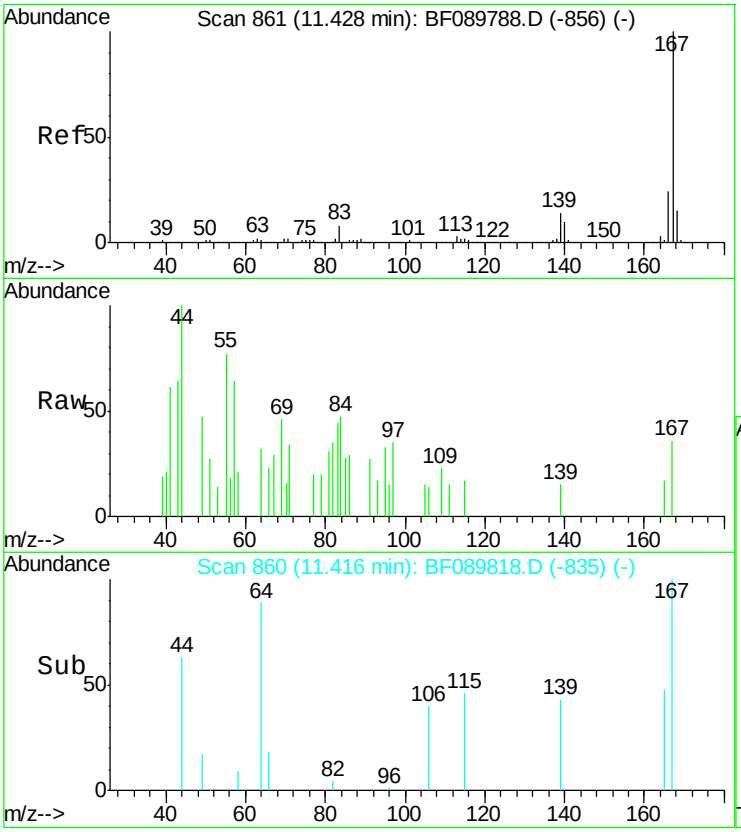


#71
Anthracene
Concen: 0.04 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:178 Resp: 2415

Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.4	24.6
179	15.6	13.1	19.7



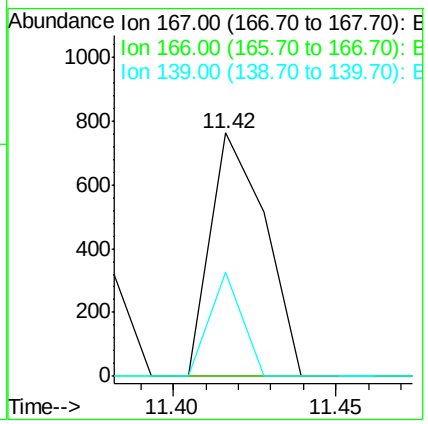


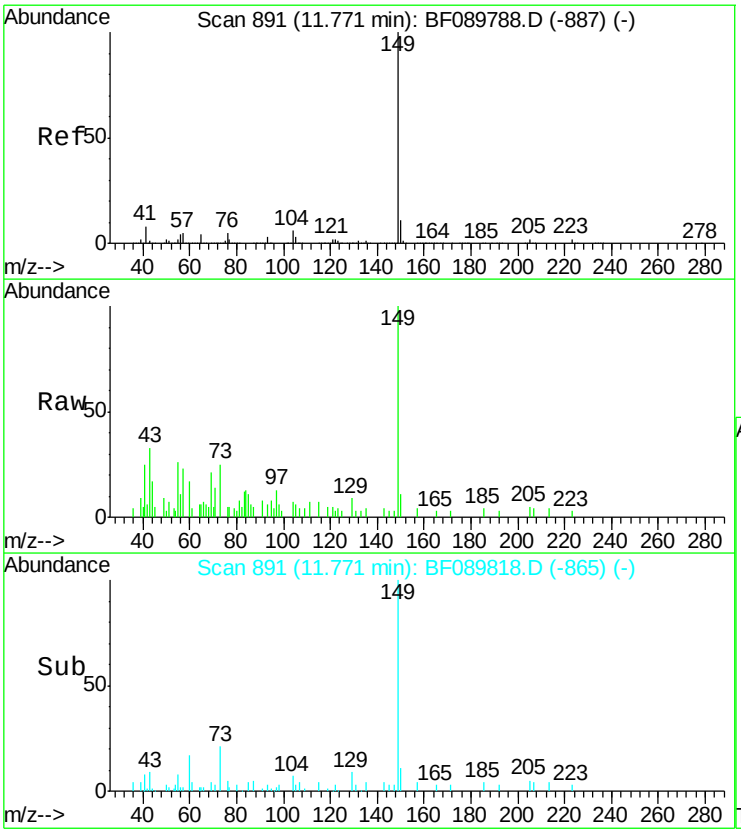
#72
Carbazole
Concen: 0.01 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:167 Resp: 876

Ion	Ratio	Lower	Upper
167	100		
166	0.0	17.9	26.9#
139	42.6	12.4	18.6#

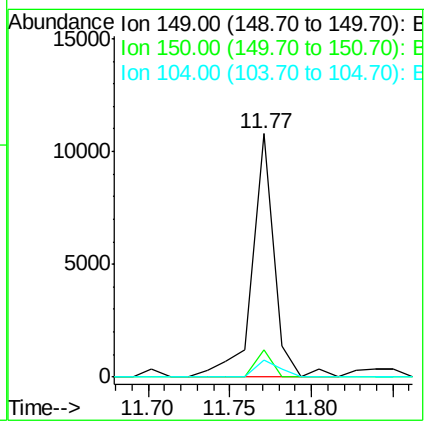


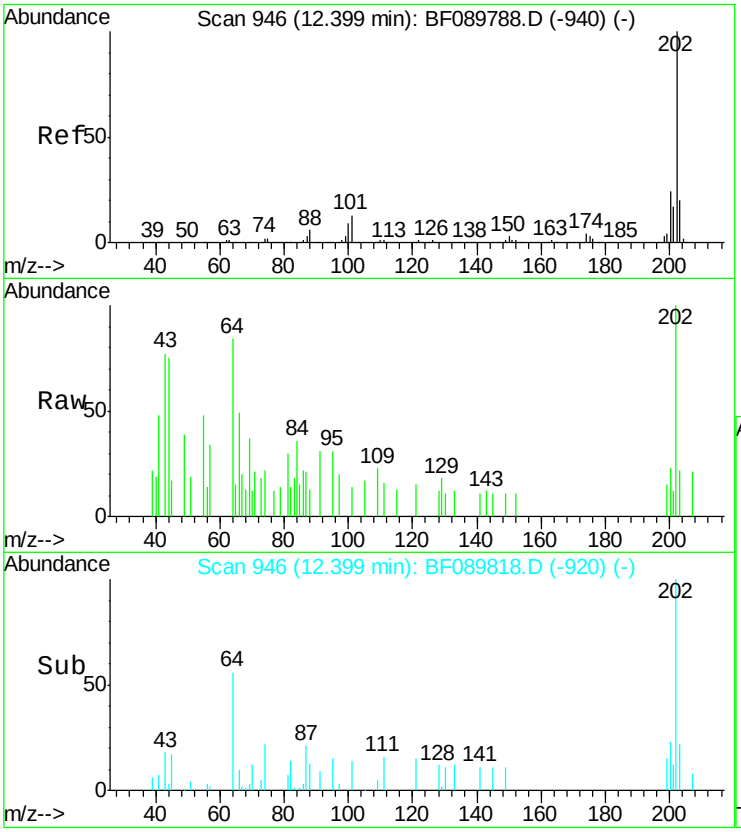


#73
Di-n-butylphthalate
Concen: 0.14 ng
RT: 11.77 min Scan# 891
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:149 Resp: 10120

Ion	Ratio	Lower	Upper
149	100		
150	11.5	7.9	11.9
104	7.1	4.3	6.5#



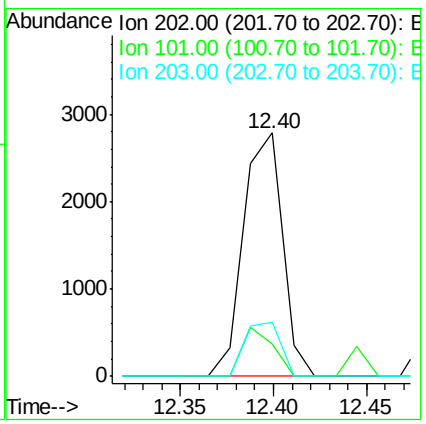


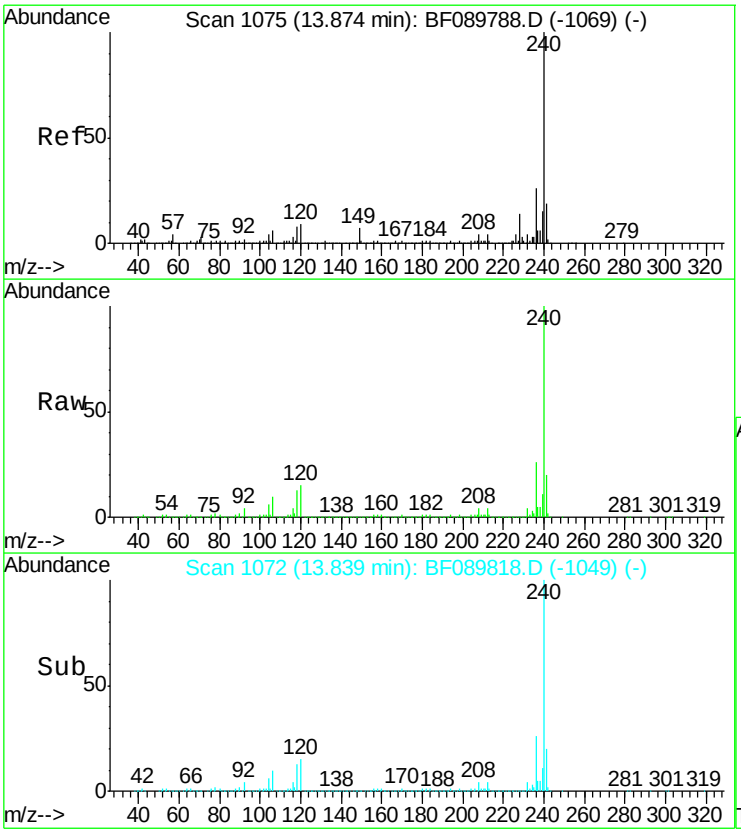
#74
Fluoranthene
Concen: 0.07 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:202 Resp: 4045

Ion	Ratio	Lower	Upper
202	100		
101	13.6	0.0	31.2
203	22.1	0.0	38.1

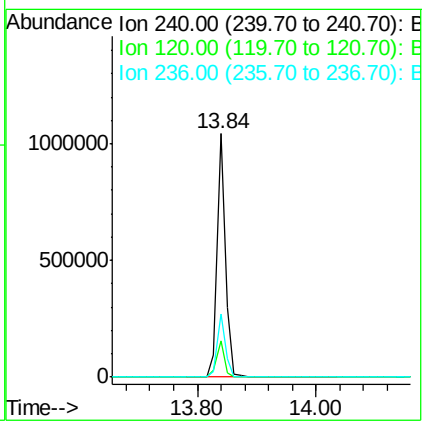


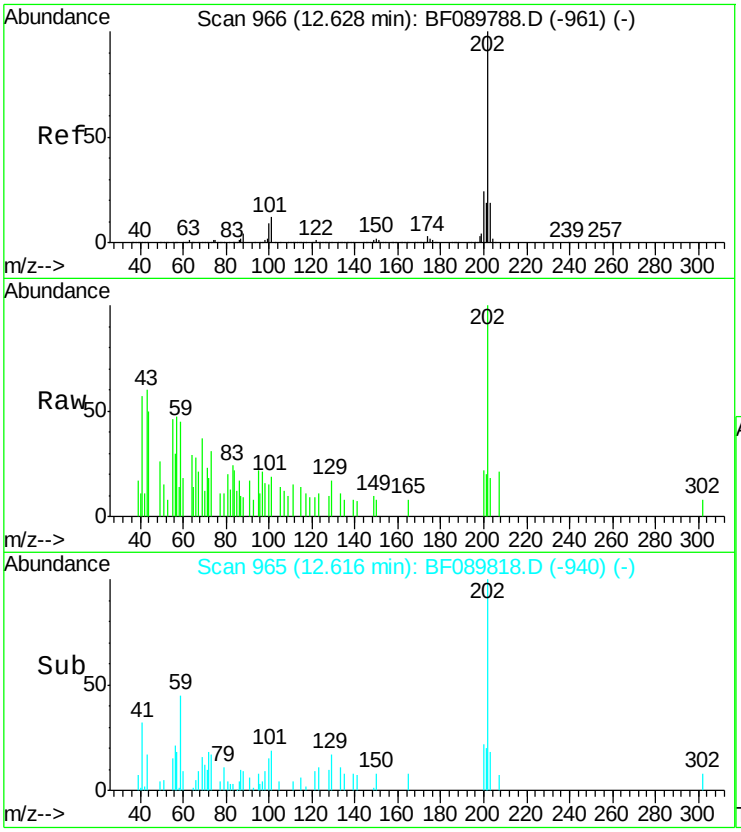


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.03 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:240 Resp: 1012235

Ion	Ratio	Lower	Upper
240	100		
120	14.9	8.3	12.5#
236	26.1	21.3	31.9



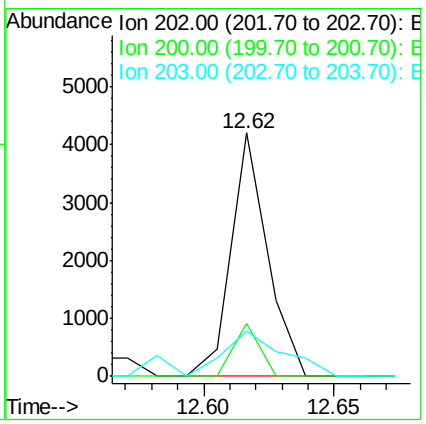


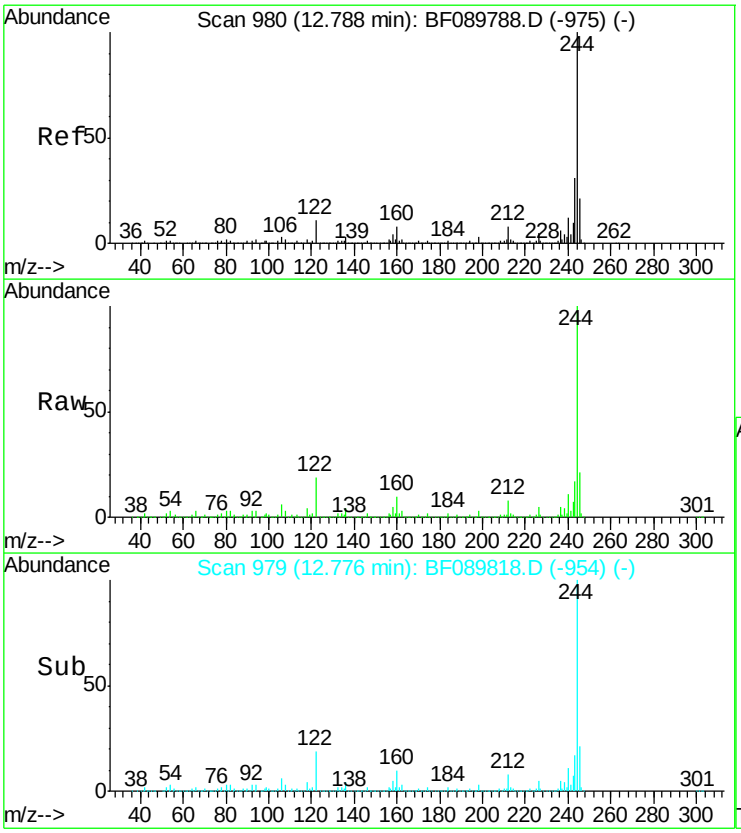
#77
Pyrene
Concen: 0.05 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:202 Resp: 4098

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	18.3	14.2	21.4

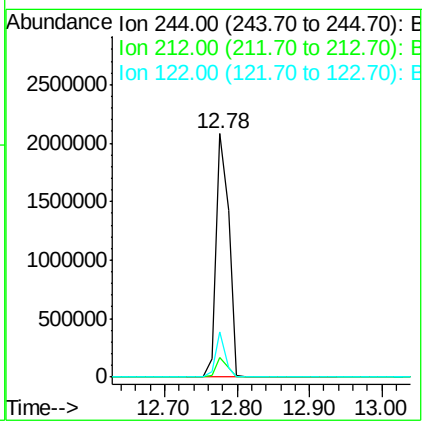


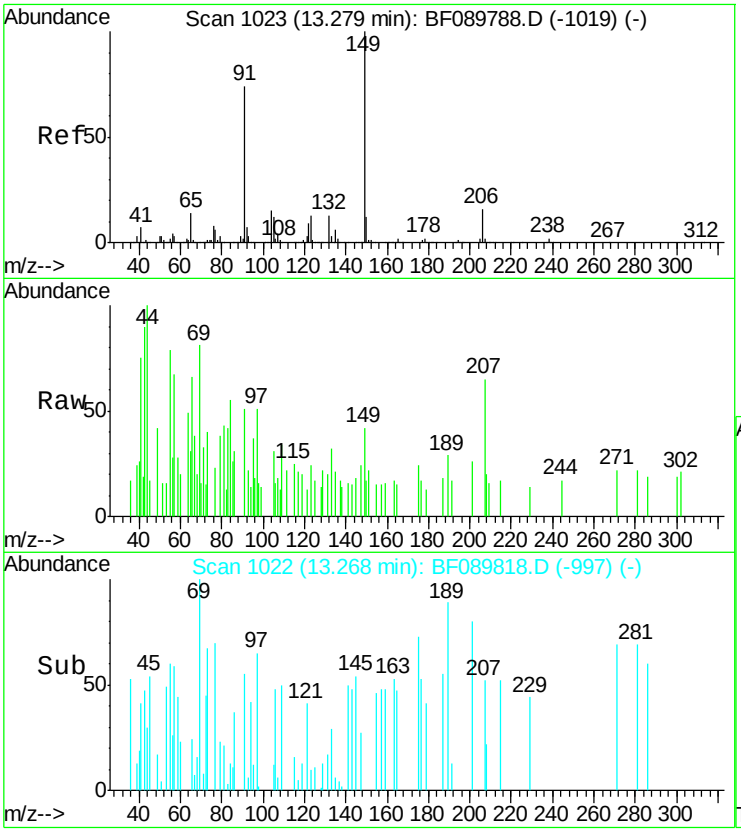


#78
Terphenyl-d14
Concen: 56.67 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:244 Resp: 2535743

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.3	9.5
122	18.6	12.0	18.0#



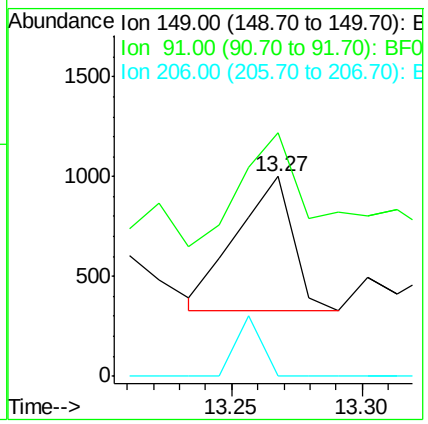


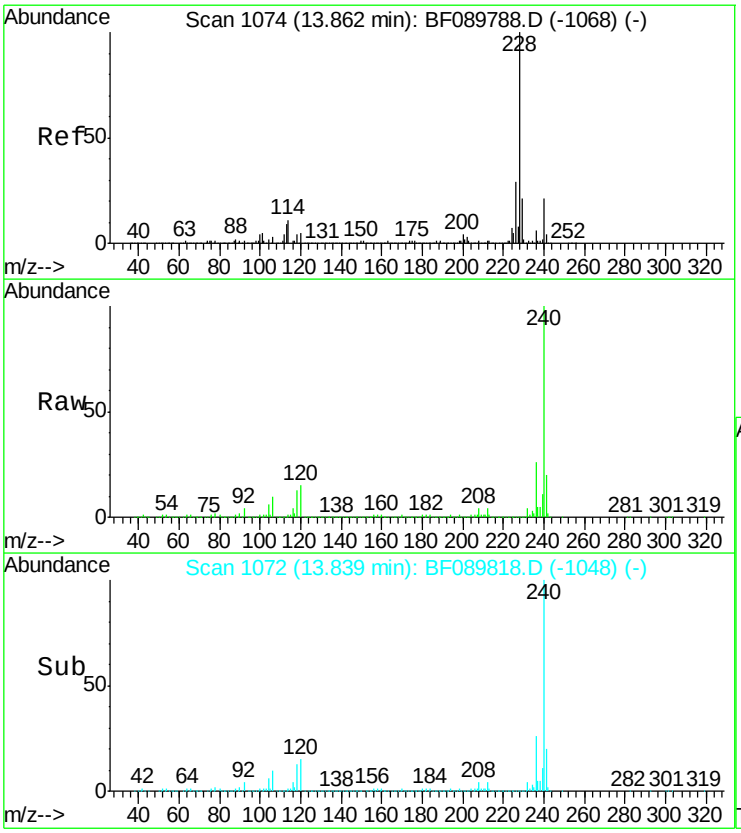
#79
Butylbenzylphthalate
Concen: 0.03 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:149 Resp: 1014

Ion	Ratio	Lower	Upper
149	100		
91	121.8	50.7	76.1#
206	0.0	15.5	23.3#

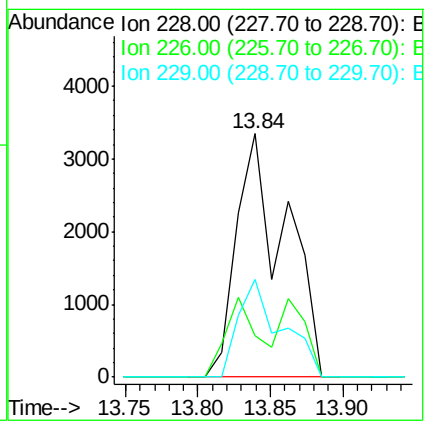


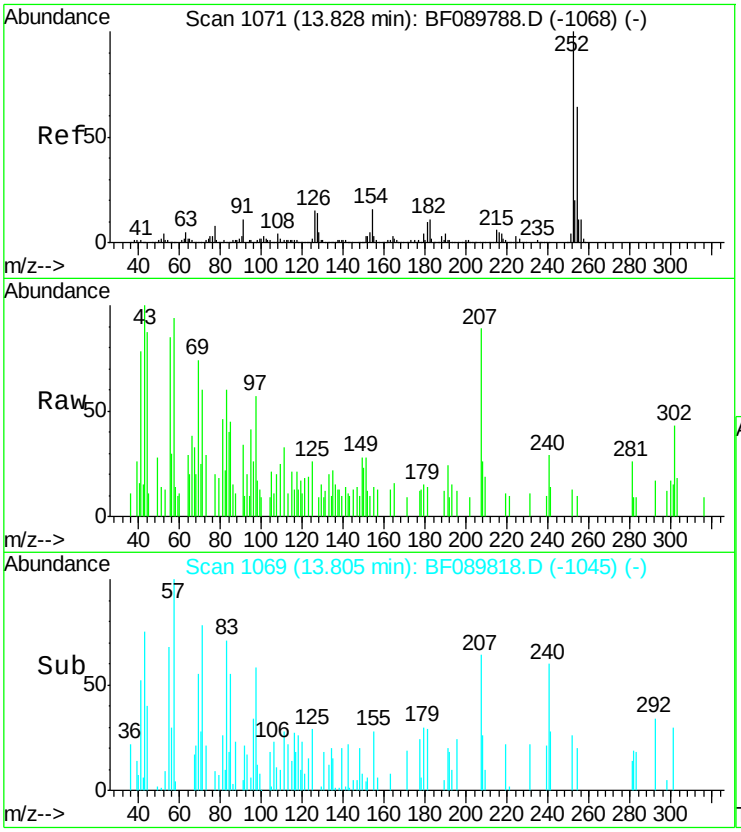


#80
Benzo(a)anthracene
Concen: 0.13 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:228 Resp: 7792

Ion	Ratio	Lower	Upper
228	100		
226	17.1	23.2	34.8#
229	40.4	16.2	24.4#



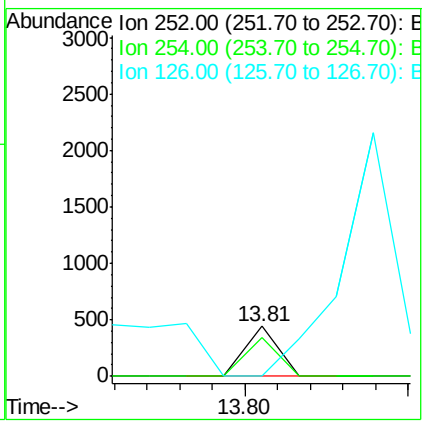


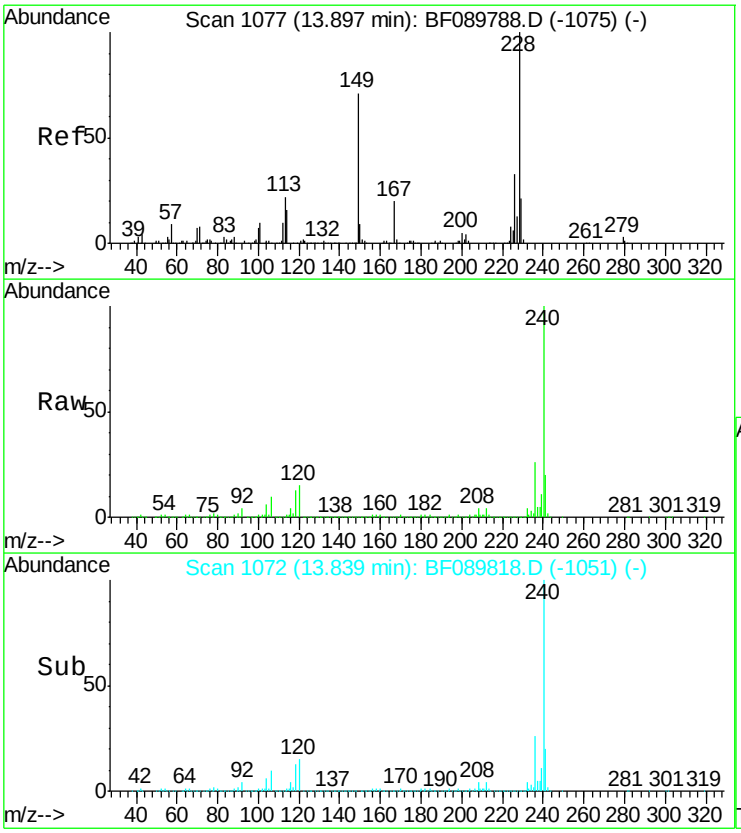
#81
3,3'-Dichlorobenzidine
Concen: 0.02 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:252 Resp: 303

Ion	Ratio	Lower	Upper
252	100		
254	78.1	50.6	75.8#
126	0.0	12.6	18.8#

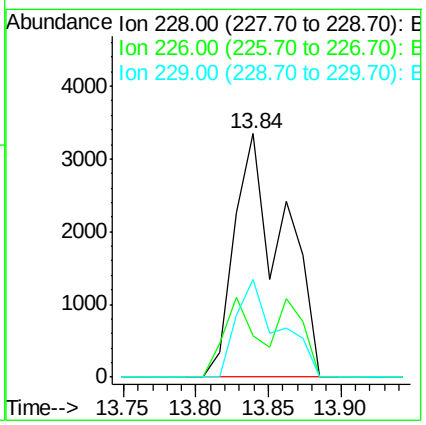


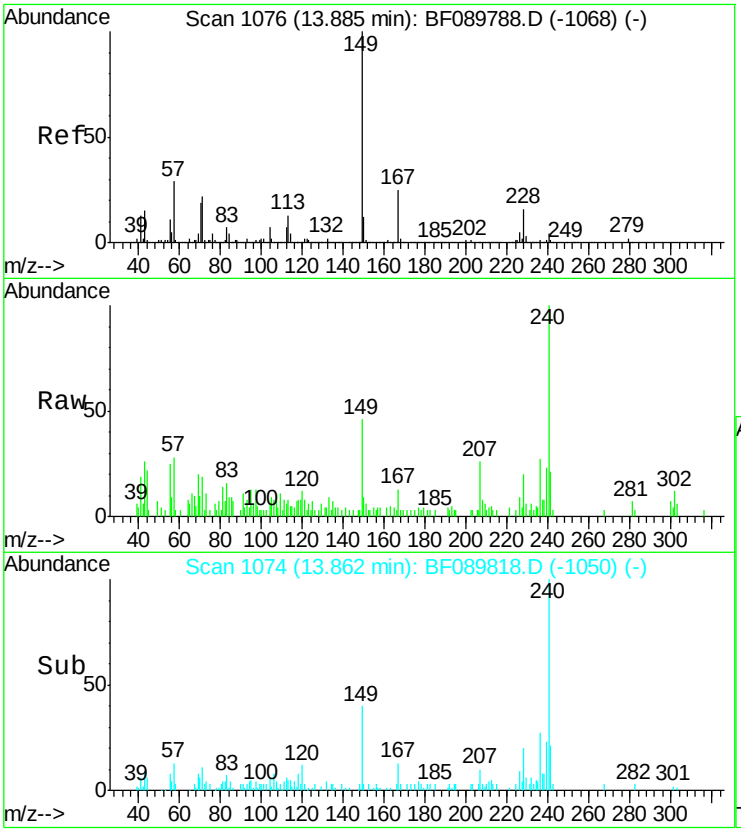


#82
Chrysene
Concen: 0.16 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.06 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:228 Resp: 7792

Ion	Ratio	Lower	Upper
228	100		
226	17.1	25.4	38.0#
229	40.4	16.5	24.7#



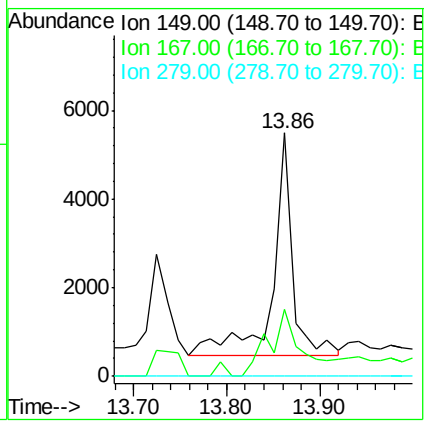


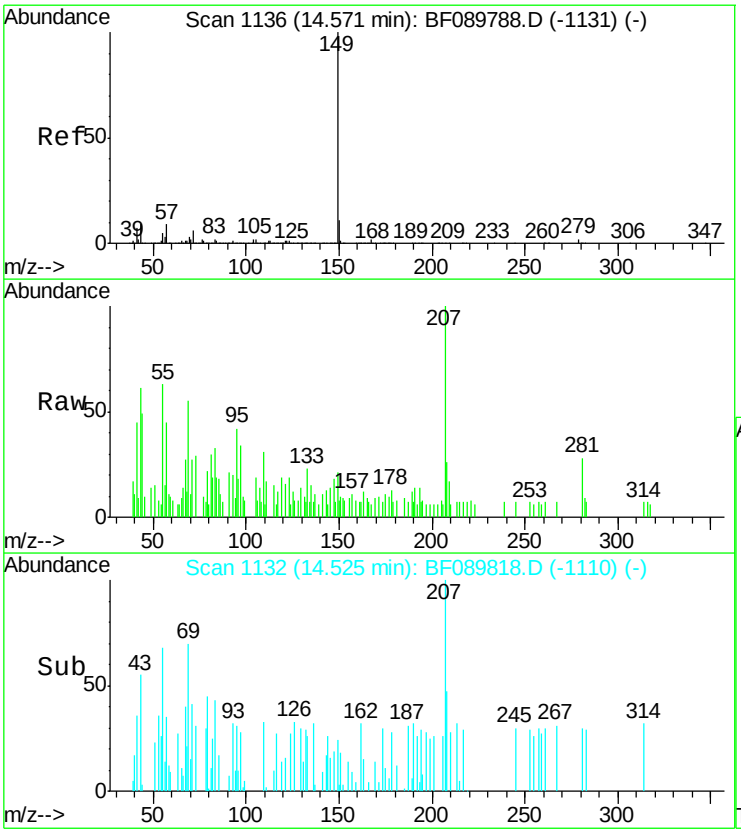
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:149 Resp: 7350

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	0.0	2.9	4.3#

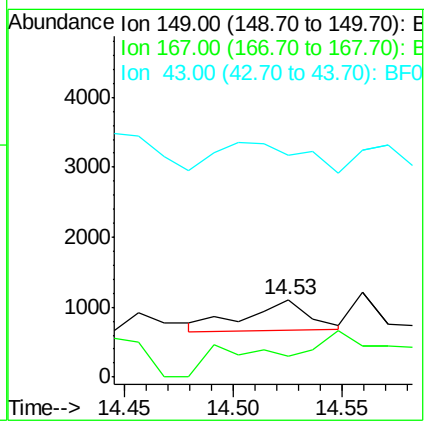


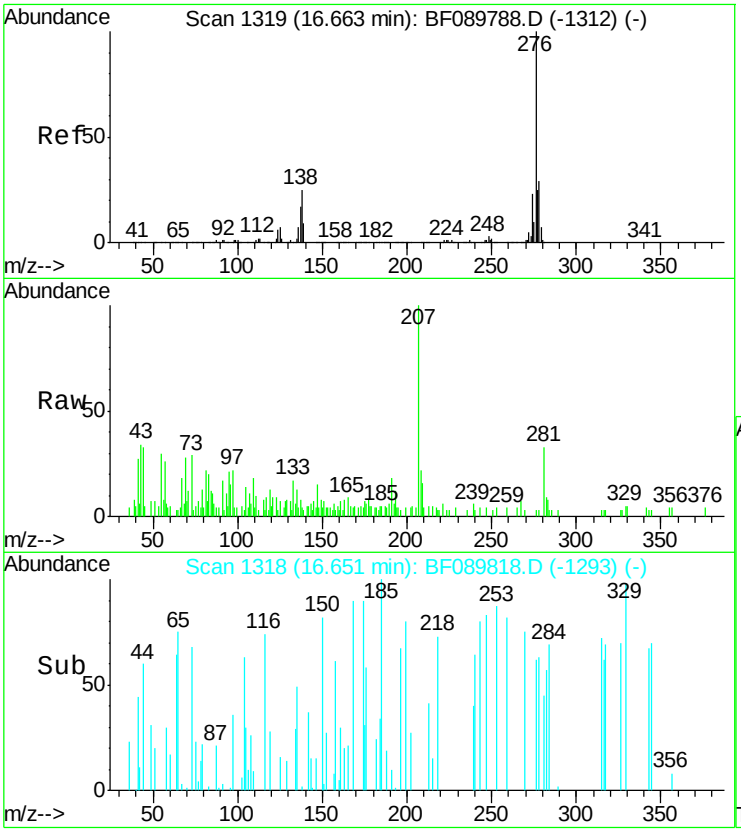


#84
Di-n-octyl phthalate
Concen: 0.01 ng
RT: 14.53 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:149 Resp: 904

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



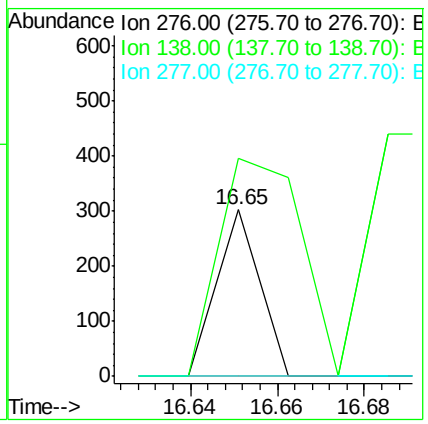


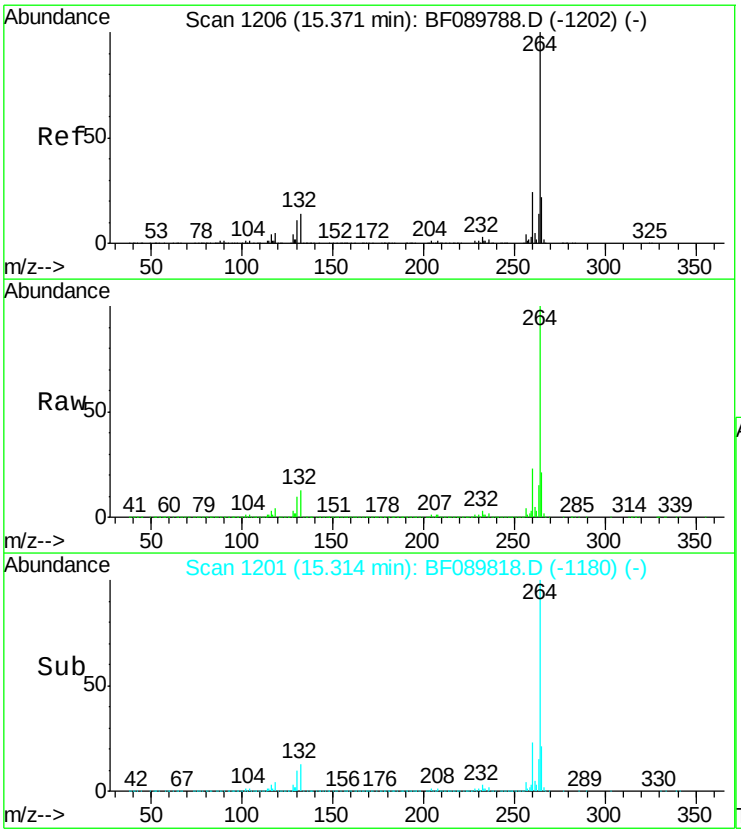
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:276 Resp: 208

Ion	Ratio	Lower	Upper
276	100		
138	250.0	24.6	36.8#
277	0.0	20.4	30.6#

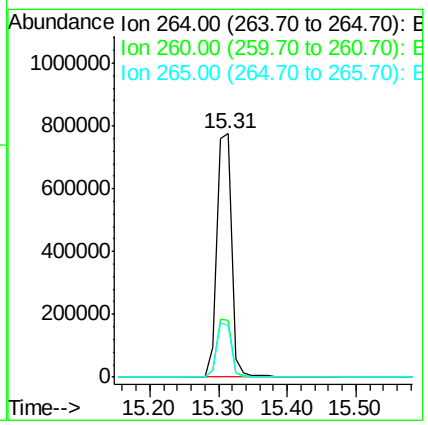


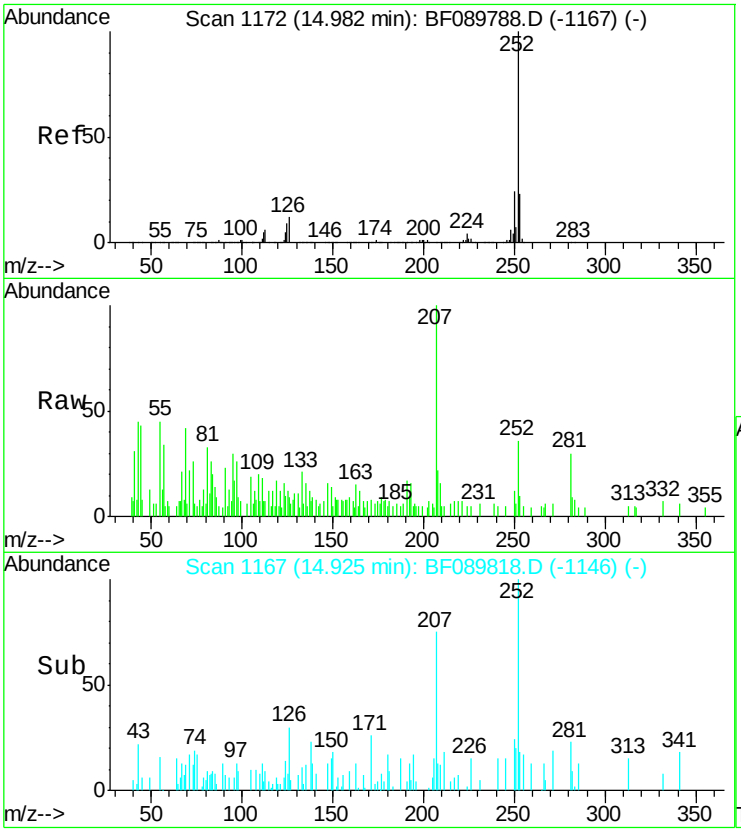


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.06 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:264 Resp: 1187293

Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.2	30.2
265	21.3	17.4	26.2



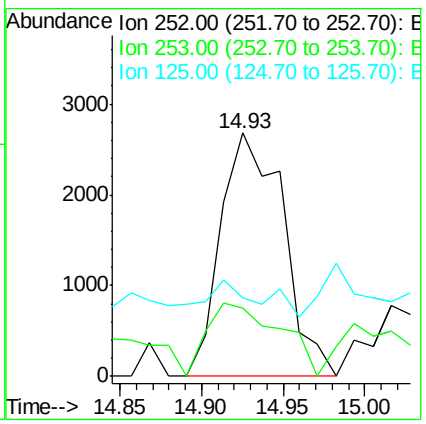


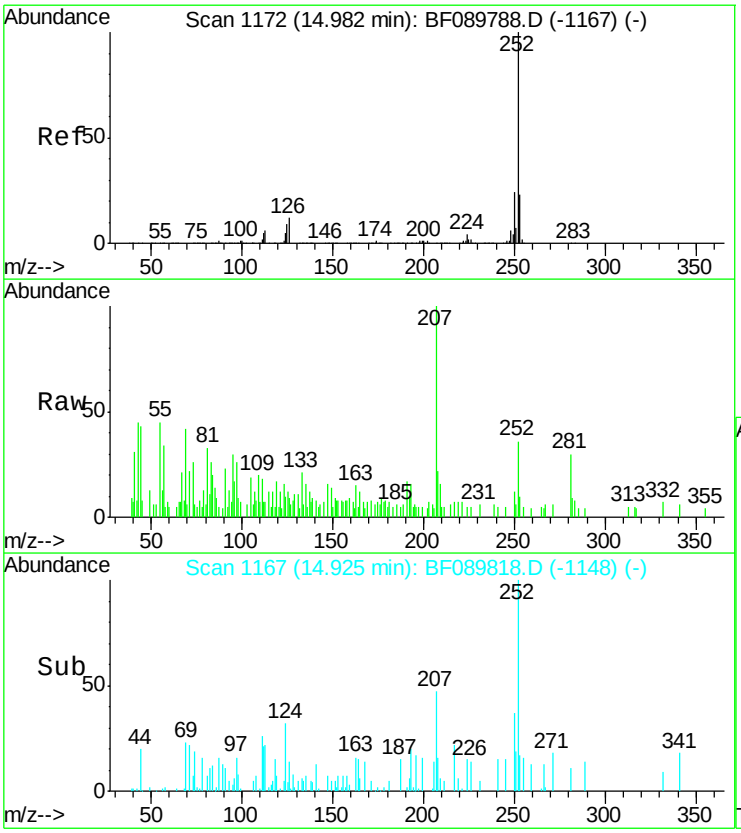
#87
Benzo(b)fluoranthene
Concen: 0.11 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:252 Resp: 7117

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.8	26.8#
125	32.3	11.4	17.2#

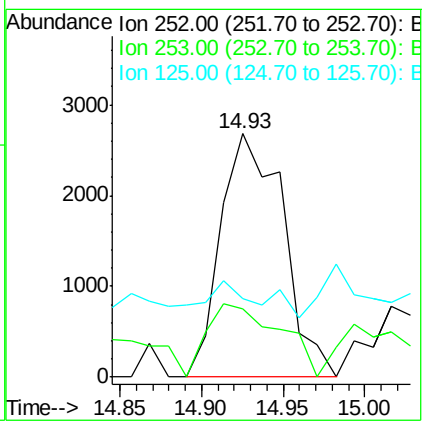


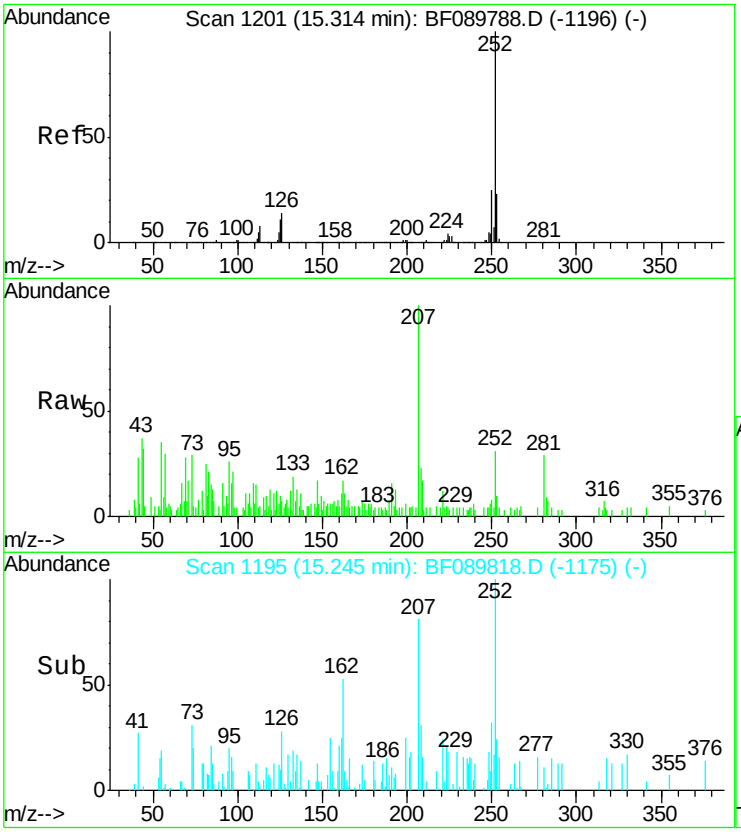


#88
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.08 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:252 Resp: 7117

Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.4	27.6#
125	32.3	9.8	14.6#



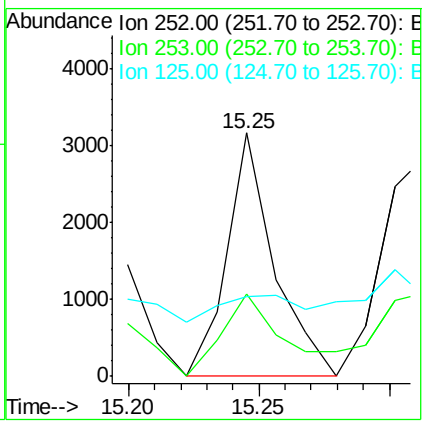


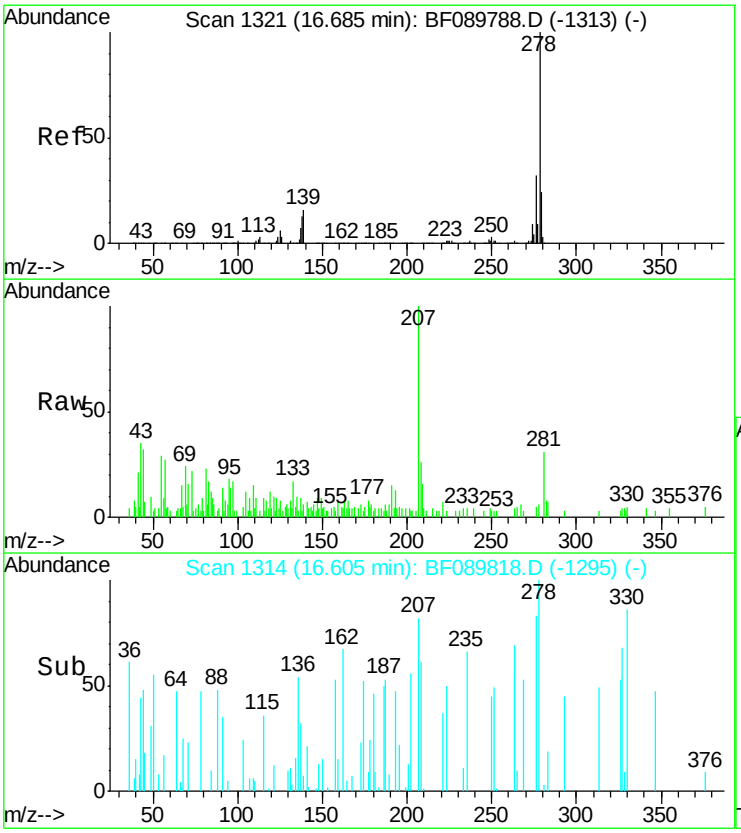
#89
Benzo(a)pyrene
Concen: 0.06 ng
RT: 15.25 min Scan# 1195
Delta R.T. -0.07 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:252 Resp: 4010

Ion	Ratio	Lower	Upper
252	100		
253	33.6	17.8	26.8#
125	33.0	11.7	17.5#

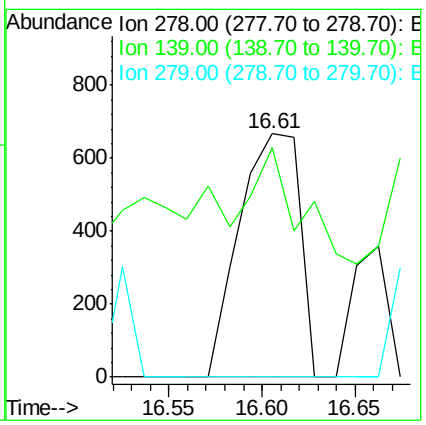


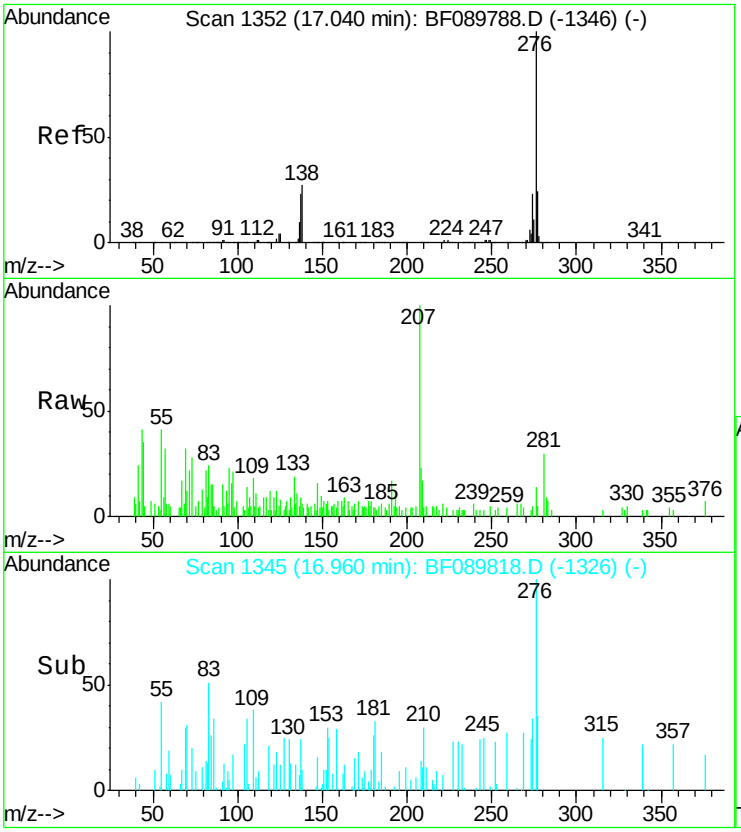


#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.08 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Tgt Ion:278 Resp: 1501

Ion	Ratio	Lower	Upper
278	100		
139	94.2	14.9	22.3#
279	0.0	19.2	28.8#





#91
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 16.96 min Scan# 1345
Delta R.T. -0.08 min
Lab File: BF089818.D
Acq: 20 Aug 2016 1:19

Instrument :
BNA_F
ClientSampleId :
A-1-2(5-15)

Tgt Ion:276 Resp: 2728

Ion	Ratio	Lower	Upper
276	100		
277	35.4	19.2	28.8#
138	46.9	22.1	33.1#