Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089900.D
Acq On : 25 Aug 2016 4:12
Operator : UM/SJ
Sample : H4576-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21A-(3-5)

Quant Time: Aug 25 12:26:56 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	6.70	152	78764	20.00	ng	0.01
21) Naphthalene-d8	8.17	136	345152	20.00	ng	0.19
38) Acenaphthene-d10	9.96	164	224813	20.00	ng	0.25
63) Phenanthrene-d10	11.52	188	43688	20.00	ng	0.33
75) Chrysene-d12	14.30	240	83681	20.00	ng	0.42
86) Perylene-d12	15.78	264	20467	20.00	ng	0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1342329	292.26	ng	-0.03
7) Phenol-d6	6.31	99	1617107	286.82	ng	-0.01
23) Nitrobenzene-d5	7.34	82	330652	59.52	ng	0.08
41) 2,4,6-Tribromophenol	10.75	330	61700	28.88	ng	0.25
44) 2-Fluorobiphenyl	9.28	172	590932	46.20	ng	0.23
78) Terphenyl-d14	13.15	244	69861	18.89	ng	0.37
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.82	42	22445	10.11	ng	# 1
6) Aniline	6.38	93	27169	3.59	ng	# 1
9) Benzaldehyde	6.20	77	548958	149.48	ng	# 1
10) Phenol	6.35	94	28076	4.25	ng	# 1
11) bis(2-Chloroethyl)ether	6.38	93	24434	4.77	ng	# 1
15) Benzyl Alcohol	6.76	79	333285	89.14	ng	# 18
18) Hexachloroethane	7.29	117	1794076	852.24	ng	# 1
19) n-Nitroso-di-n-propylamine	7.08	70	95858	26.58	ng	# 87
22) Acetophenone	7.12	105	629881	79.48	ng	# 54
24) Nitrobenzene	7.44	77	230687	37.01	ng	# 62
25) Isophorone	7.72	82	3143446	280.53	ng	# 1
26) 2-Nitrophenol	7.82	139	241489	77.65	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	50039	8.93	ng	# 1
28) bis(2-Chloroethoxy)methane	8.02	93	69787	10.07	ng	# 1
29) 2,4-Dichlorophenol	8.20	162	1874231	398.51	ng	# 5
30) 1,2,4-Trichlorobenzene	8.17	180	83678	16.08	ng	# 1
31) Naphthalene	8.25	128	10067503	624.09	ng	# 71
32) Benzoic acid	7.85	122	12965	2.97	ng	# 1
33) 4-Chloroaniline	8.22	127	1432424	204.85	ng	# 1
35) Caprolactam	8.68	113	1167820	815.38	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	57206	11.23	ng	# 1
37) 2-Methylnaphthalene	8.97	142	31069396	2977.16	ng	# 91
42) 2,4,6-Trichlorophenol	9.27	196	27245	5.95	ng	# 30
43) 2,4,5-Trichlorophenol	9.27	196	27245	5.98	ng	# 1
45) 1,1'-Biphenyl	9.39	154	3191810	183.46	ng	# 61
46) 2-Chloronaphthalene	9.54	162	750788	54.59	ng	# 1
47) 2-Nitroaniline	9.53	65	103133	26.29	ng	# 58
48) Acenaphthylene	9.80	152	276801	13.39	ng	# 1
49) Dimethylphthalate	9.84	163	206427	13.04	ng	# 1
50) 2,6-Dinitrotoluene	9.98	165	1829863	500.69	ng	# 71
51) Acenaphthene	10.03	154	1354104	99.01	ng	# 41
52) 3-Nitroaniline	9.90	138	26322	6.50	ng	# 61
53) 2,4-Dinitrophenol	9.94	184	3615	4.85	ng	# 1
54) Dibenzofuran	10.16	168	744397	43.33	ng	# 1

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089900.D
Acq On : 25 Aug 2016 4:12
Operator : UM/SJ
Sample : H4576-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-21A-(3-5)

Quant Time: Aug 25 12:26:56 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

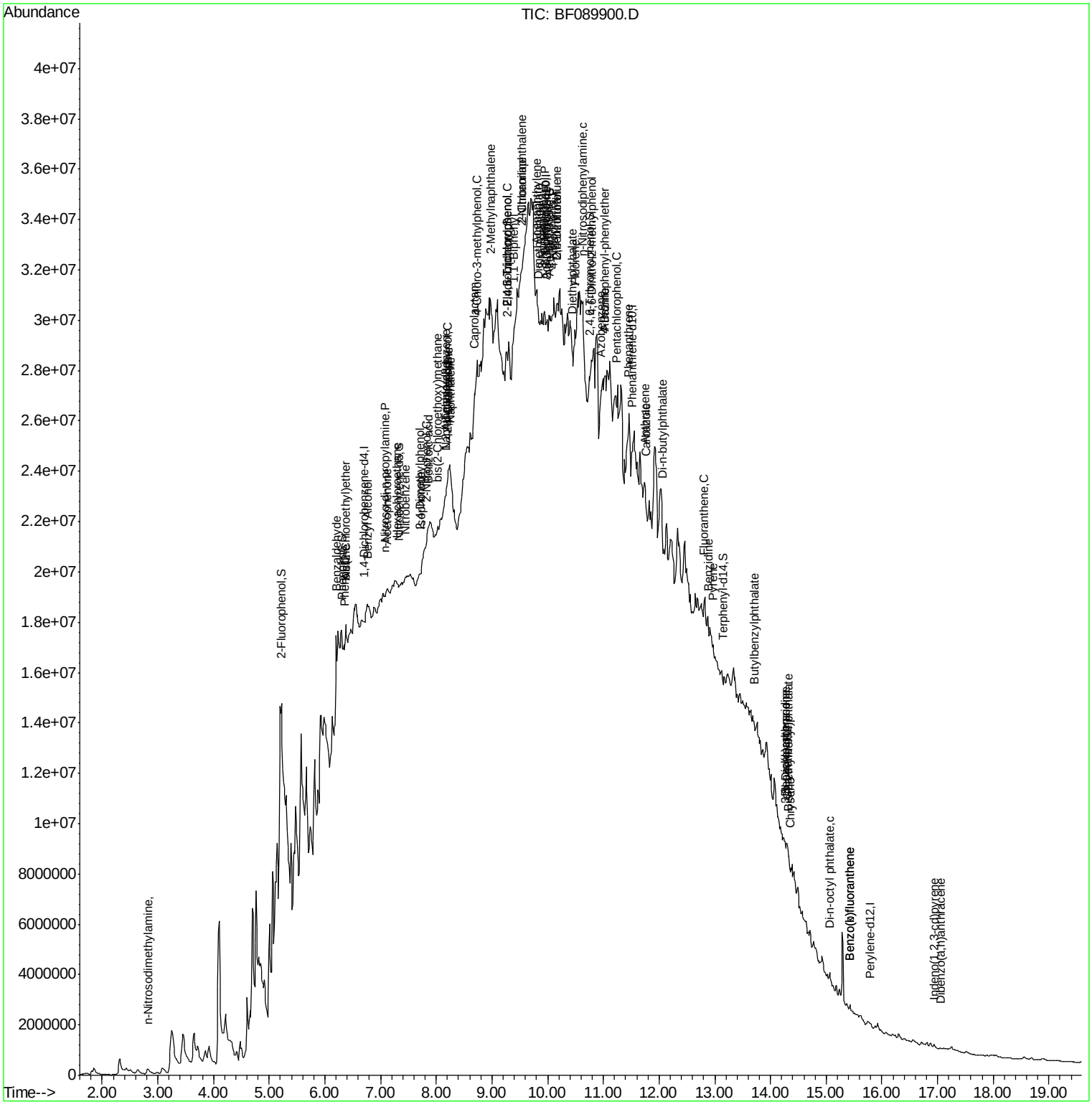
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
55) 4-Nitrophenol	10.10	139	1042375	315.41	ng	#	48
56) 2,4-Dinitrotoluene	10.17	165	23833	5.03	ng	#	59
57) Fluorene	10.49	166	2128345	155.47	ng	#	19
59) Diethylphthalate	10.44	149	94761	5.89	ng	#	1
62) Azobenzene	10.95	77	76989	5.09	ng	#	1
64) 4,6-Dinitro-2-methylphenol	10.79	198	1007175	4011.79	ng	#	21
65) n-Nitrosodiphenylamine	10.63	169	6150072	4477.16	ng	#	67
66) 4-Bromophenyl-phenylether	11.02	248	2940	6.42	ng	#	1
68) Atrazine	11.03	200	23575	56.04	ng	#	1
69) Pentachlorophenol	11.24	266	16478	55.64	ng	#	13
70) Phenanthrene	11.45	178	7210412	3267.79	ng	#	63
71) Anthracene	11.75	178	219624	97.92	ng	#	1
72) Carbazole	11.76	167	99718	49.57	ng	#	1
73) Di-n-butylphthalate	12.06	149	31501	12.51	ng	#	1
74) Fluoranthene	12.81	202	2464399	1174.16	ng	#	60
76) Benzidine	12.89	184	6168	2.28	ng	#	1
77) Pyrene	12.97	202	214990	31.55	ng	#	1
79) Butylbenzylphthalate	13.71	149	25331	8.23	ng	#	1
80) Benzo(a)anthracene	14.26	228	48504	10.12	ng	#	1
81) 3,3'-Dichlorobenzidine	14.27	252	3800	2.42	ng	#	4
82) Chrysene	14.35	228	21037	5.12	ng	#	1
83) Bis(2-ethylhexyl)phthalate	14.32	149	11872	2.80	ng	#	39
84) Di-n-octyl phthalate	15.06	149	16826	2.99	ng	#	75
85) Indeno(1,2,3-cd)pyrene	16.94	276	103049	19.66	ng		93
87) Benzo(b)fluoranthene	15.43	252	6055	5.38	ng	#	1
88) Benzo(k)fluoranthene	15.43	252	6055	5.93	ng	#	1
90) Dibenzo(a,h)anthracene	17.06	278	2638	2.28	ng	#	1

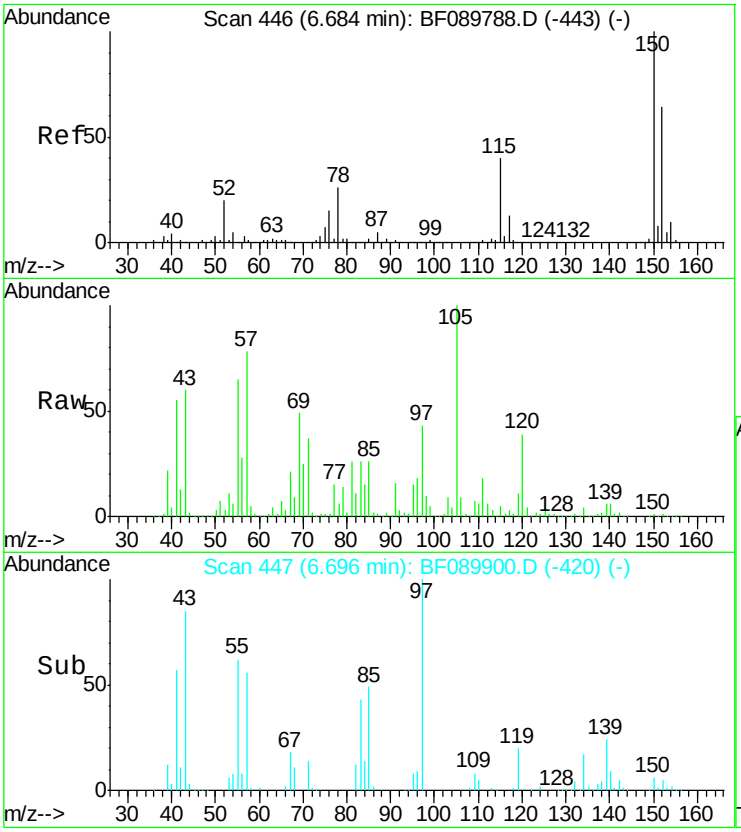
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089900.D
Acq On : 25 Aug 2016 4:12
Operator : UM/SJ
Sample : H4576-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Quant Time: Aug 25 12:26:56 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



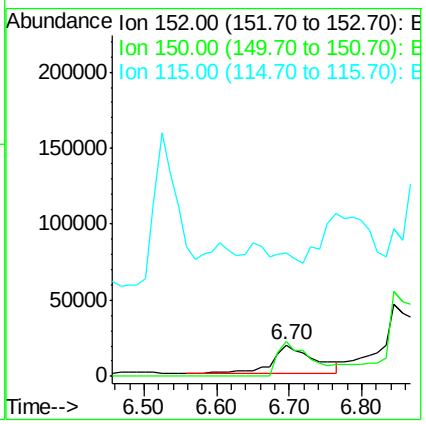


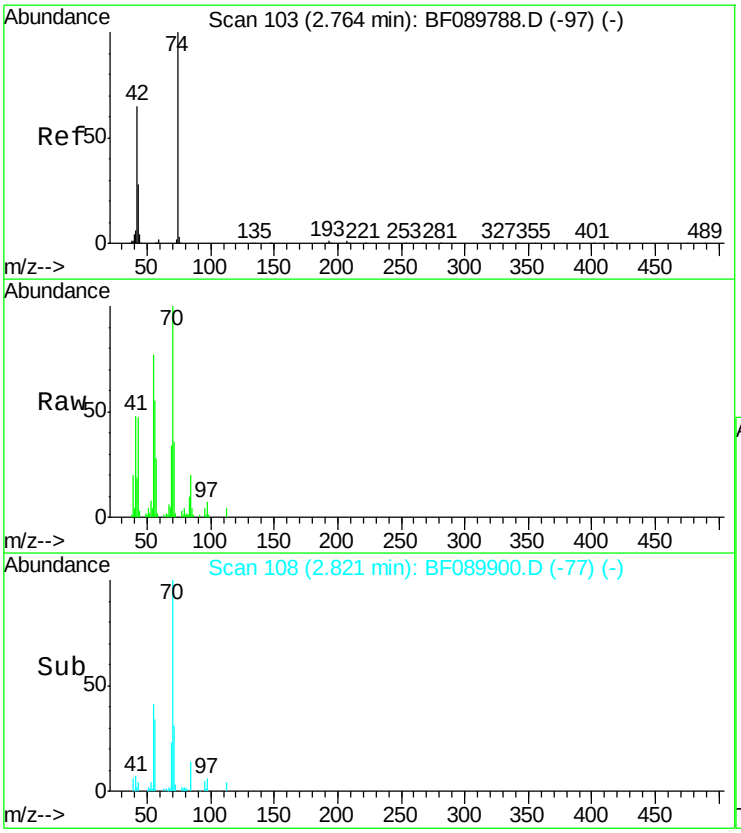
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:152 Resp: 78764

Ion	Ratio	Lower	Upper
152	100		
150	113.1	125.3	187.9#
115	396.1	40.9	61.3#

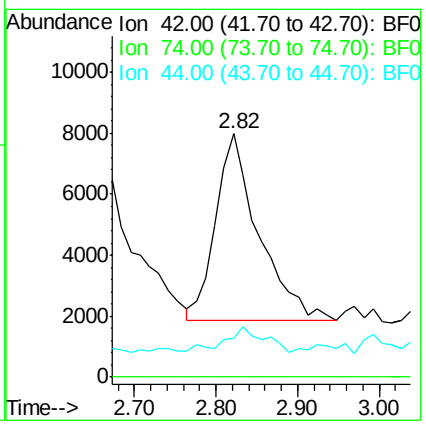


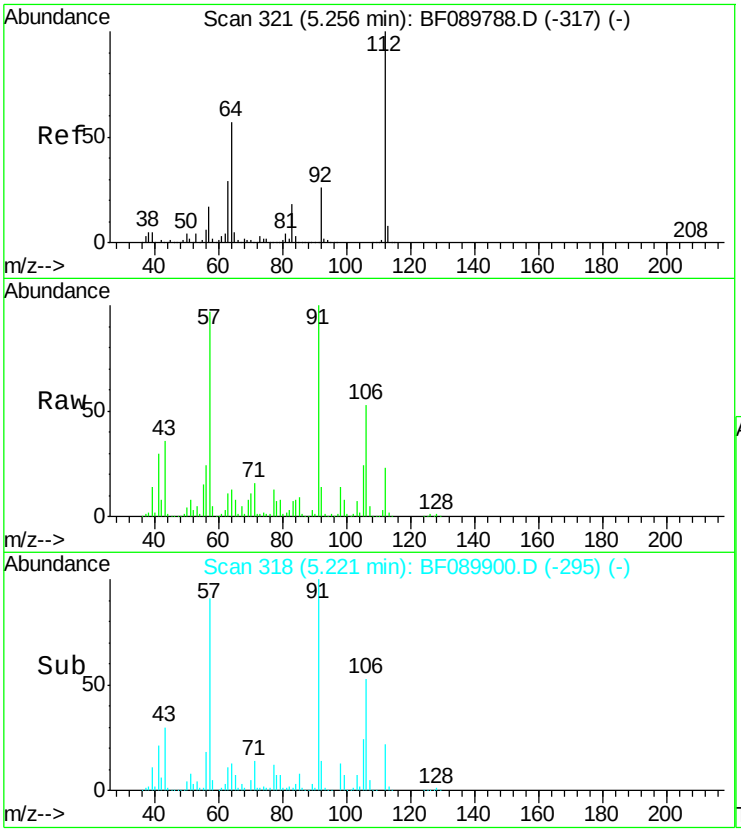


#4
n-Nitrosodimethylamine
Concen: 10.11 ng
RT: 2.82 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 42 Resp: 22445

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	16.1	6.9	10.3#



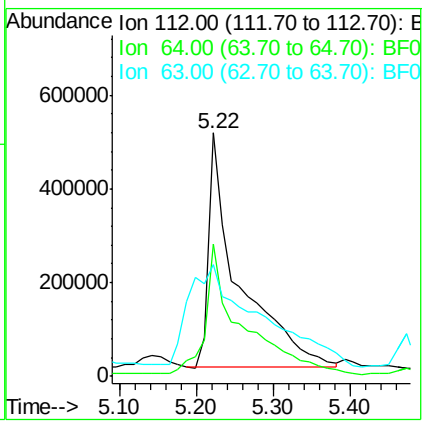


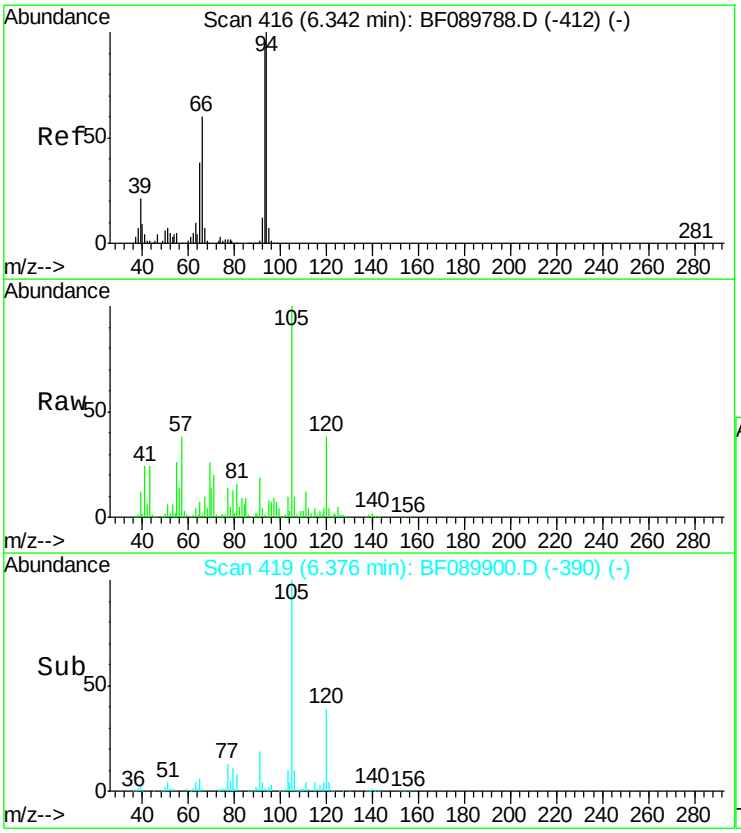
#5
2-Fluorophenol
Concen: 292.26 ng
RT: 5.22 min Scan# 318
Delta R.T. -0.03 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:112 Resp: 1342329

Ion	Ratio	Lower	Upper
112	100		
64	54.2	45.0	67.4
63	46.1	23.1	34.7#

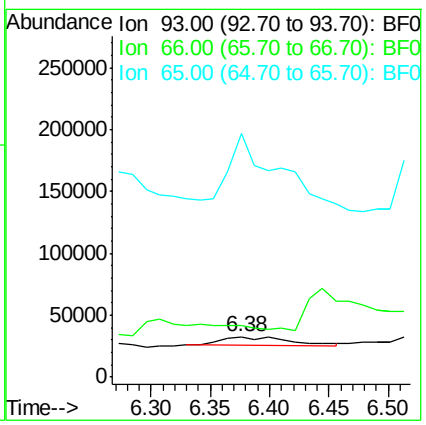


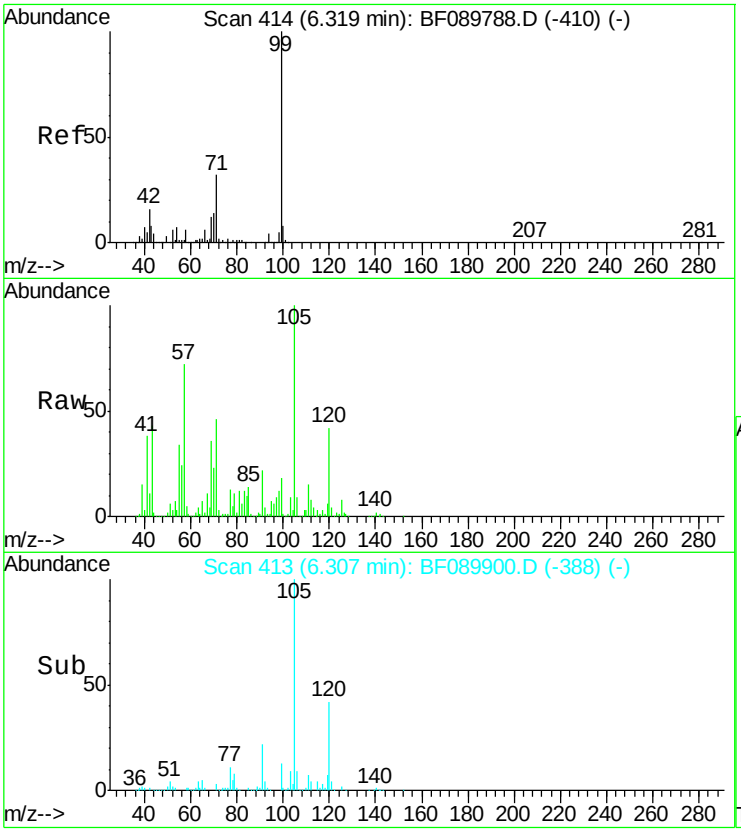


#6
Aniline
Concen: 3.59 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.03 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 93 Resp: 27169

Ion	Ratio	Lower	Upper
93	100		
66	127.4	30.6	46.0#
65	602.0	15.4	23.2#



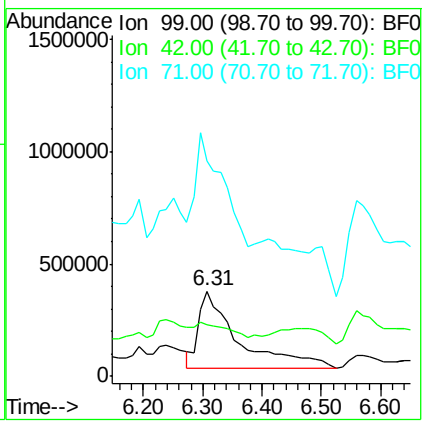


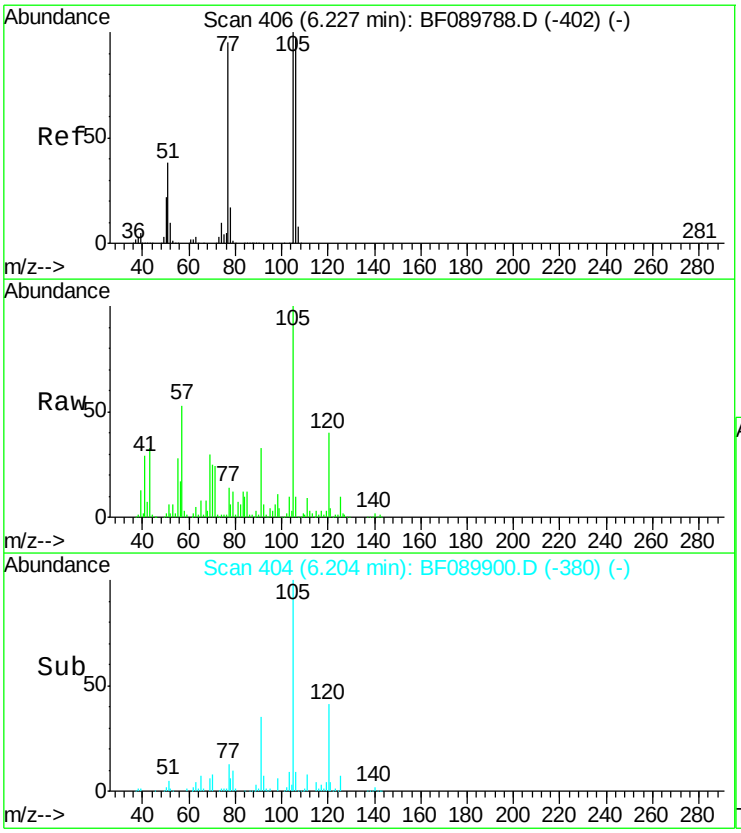
#7
Phenol-d6
Concen: 286.82 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 99 Resp: 1617107

Ion	Ratio	Lower	Upper
99	100		
42	59.9	12.2	18.4#
71	252.9	23.8	35.8#

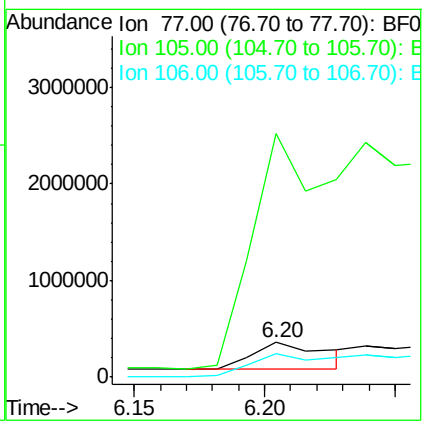


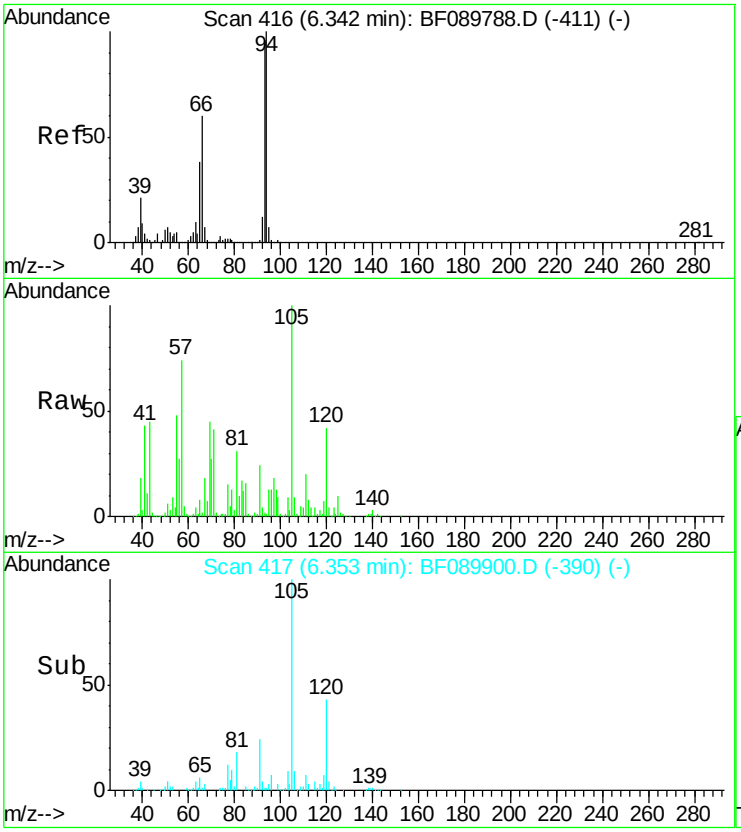


#9
Benzaldehyde
Concen: 149.48 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 77 Resp: 548958

Ion	Ratio	Lower	Upper
77	100		
105	704.2	73.3	113.3#
106	67.5	68.6	108.6#



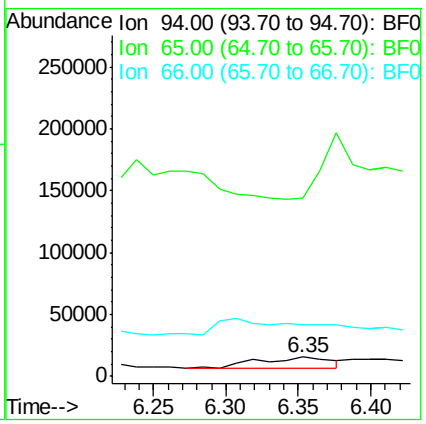


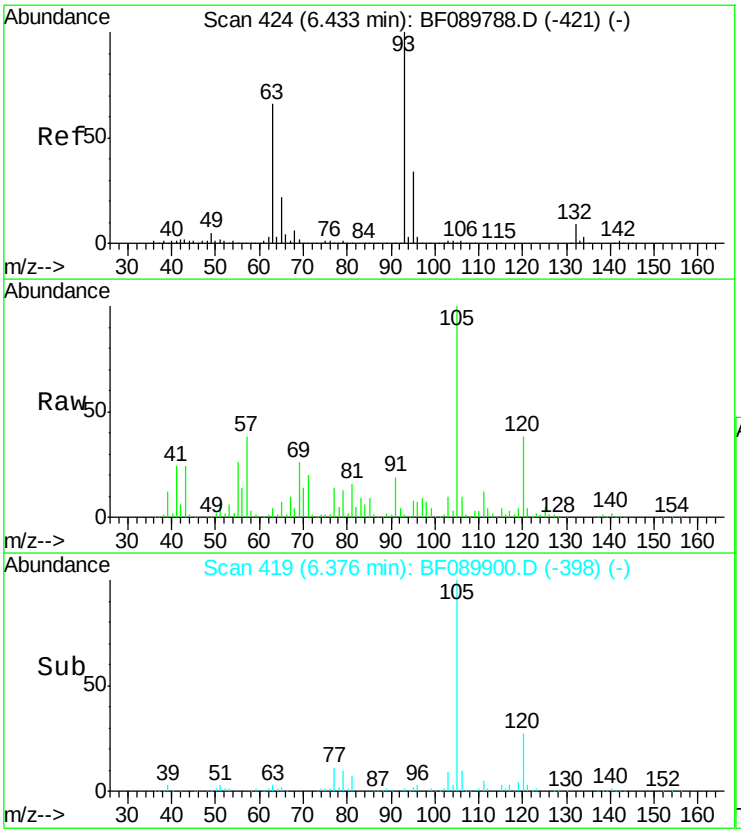
#10
Phenol
Concen: 4.25 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.01 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 94 Resp: 28076

Ion	Ratio	Lower	Upper
94	100		
65	921.7	14.0	54.0#
66	263.6	31.2	71.2#

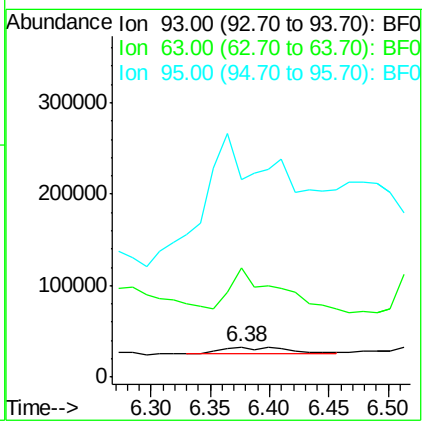


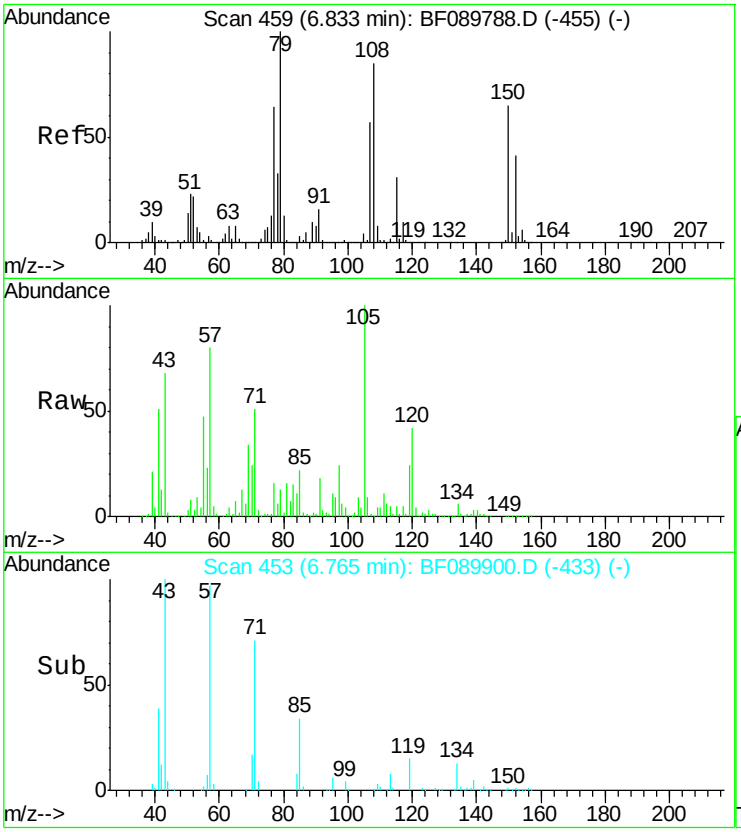


#11
bis(2-Chloroethyl)ether
Concen: 4.77 ng
RT: 6.38 min Scan# 419
Delta R.T. -0.06 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 93 Resp: 24434

Ion	Ratio	Lower	Upper
93	100		
63	367.3	55.8	95.8#
95	662.7	13.0	53.0#



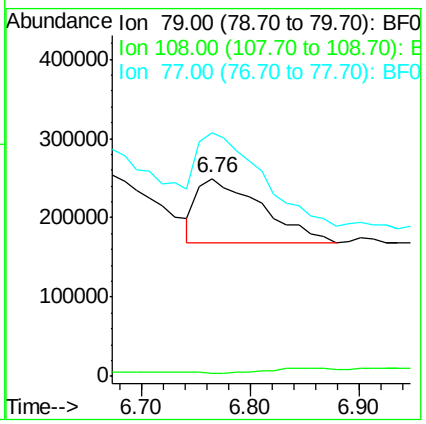


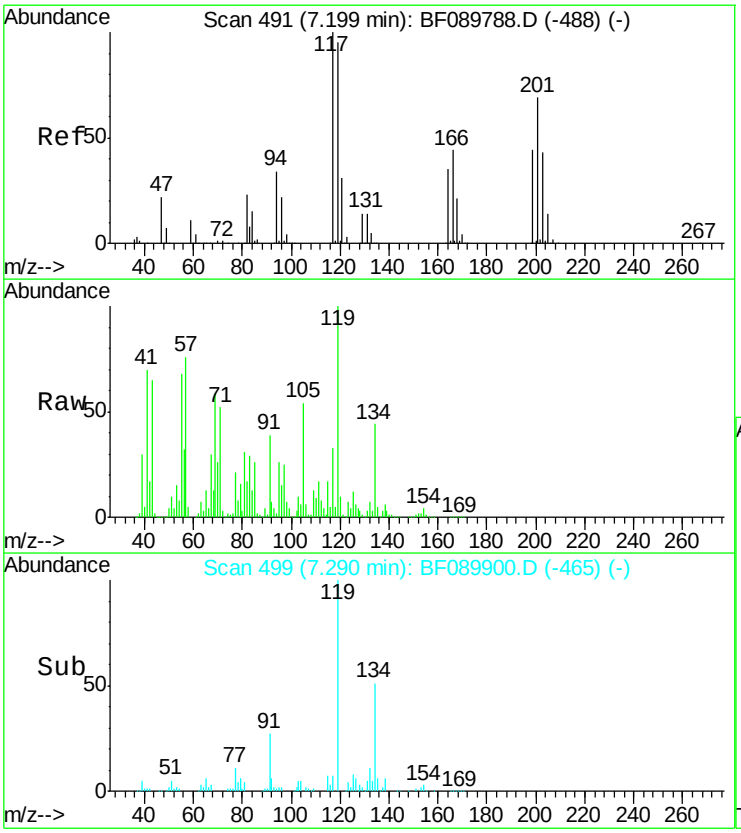
#15
Benzyl Alcohol
Concen: 89.14 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 79 Resp: 333285

Ion	Ratio	Lower	Upper
79	100		
108	1.8	62.5	93.7#
77	123.1	51.5	77.3#

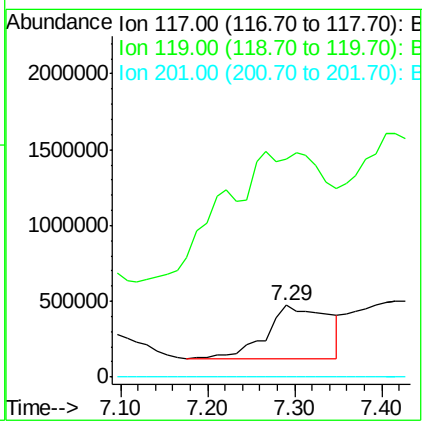


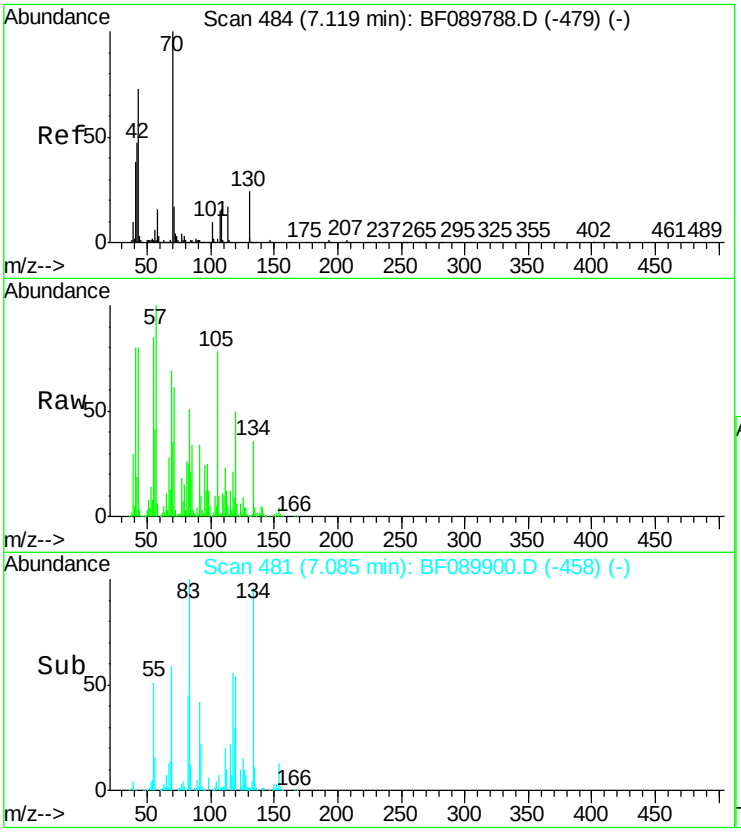


#18
Hexachloroethane
Concen: 852.24 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.09 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:117 Resp: 1794076

Ion	Ratio	Lower	Upper
117	100		
119	304.2	77.1	115.7#
201	0.0	76.9	115.3#



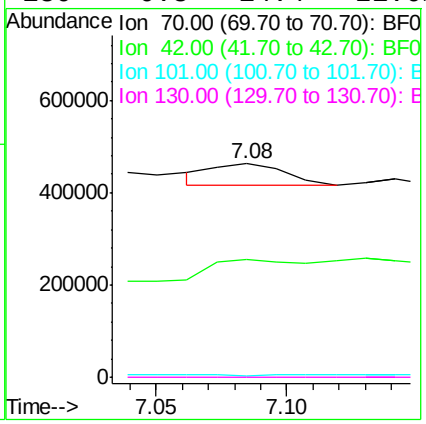


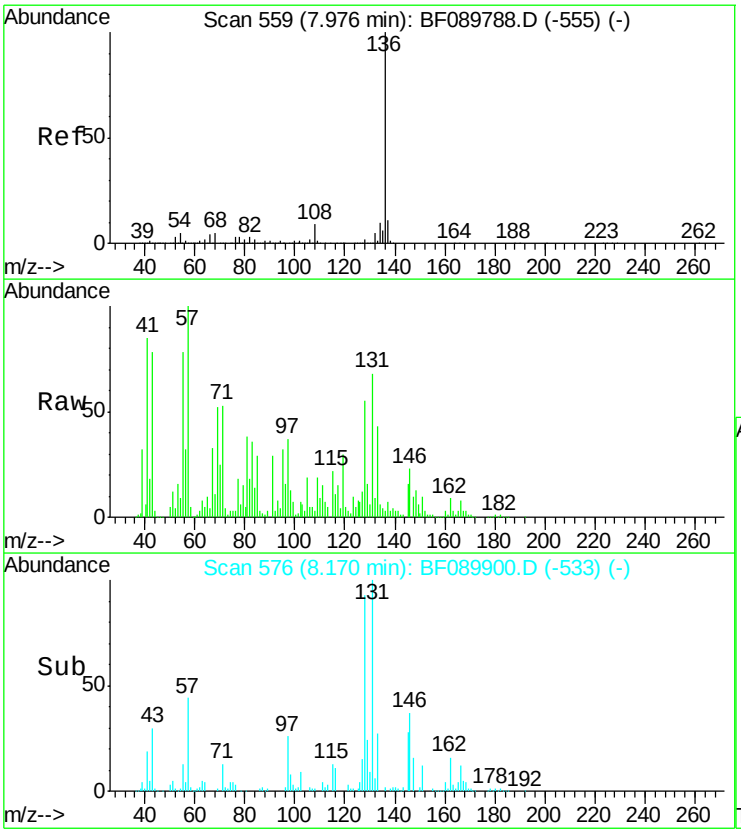
#19
n-Nitroso-di-n-propylamine
Concen: 26.58 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 70 Resp: 95858

Ion	Ratio	Lower	Upper
70	100		
42	55.1	46.3	69.5
101	0.9	7.0	10.6#
130	0.3	14.4	21.6#

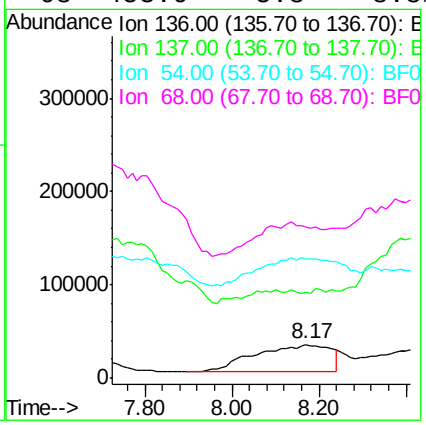


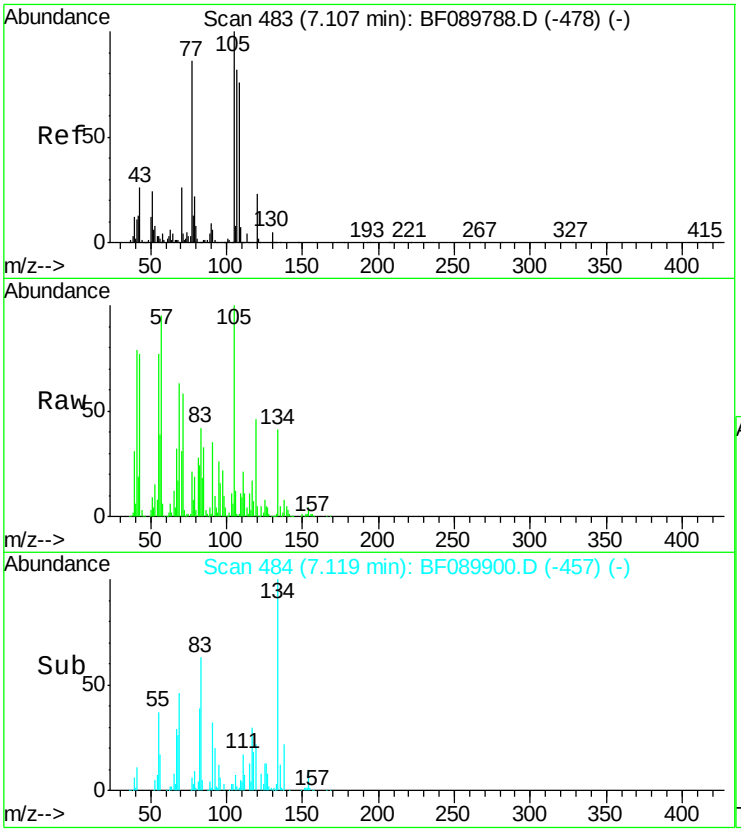


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.19 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:136 Resp: 345152

Ion	Ratio	Lower	Upper
136	100		
137	257.9	9.2	13.8#
54	357.9	7.2	10.8#
68	453.0	5.8	8.8#



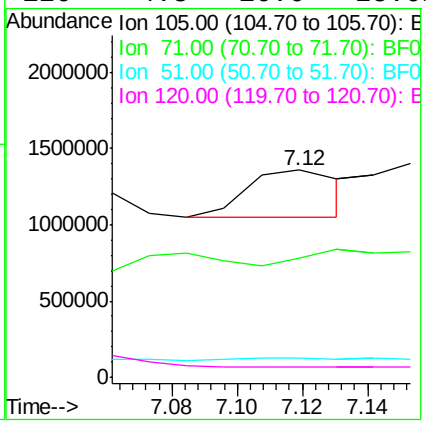


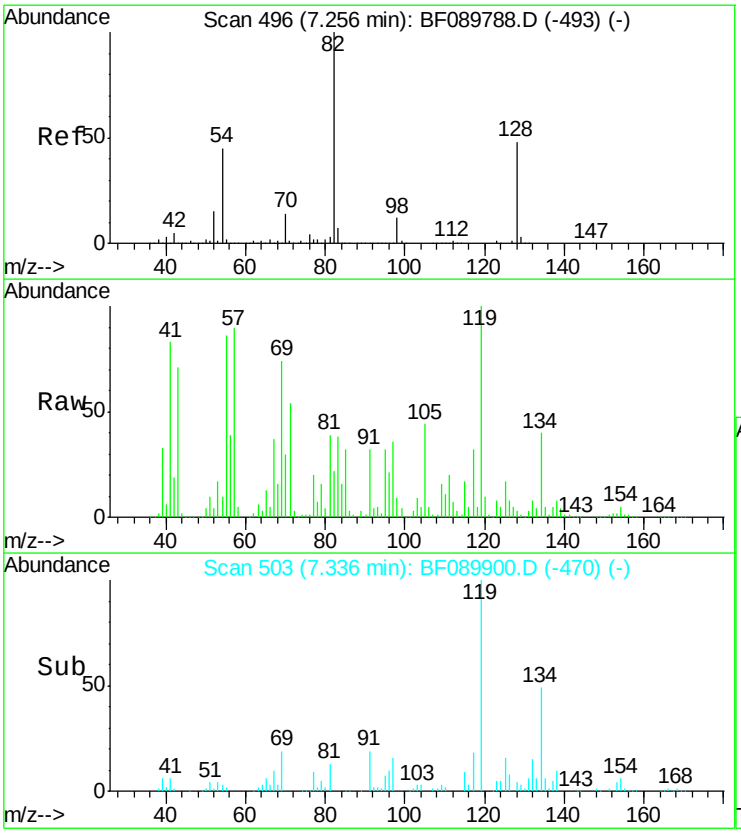
#22
Acetophenone
Concen: 79.48 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:105 Resp: 629881

Ion	Ratio	Lower	Upper
105	100		
71	57.7	1.9	2.9#
51	9.2	28.5	42.7#
120	4.8	16.6	25.0#

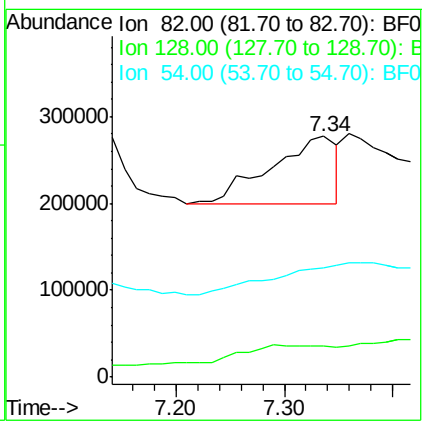


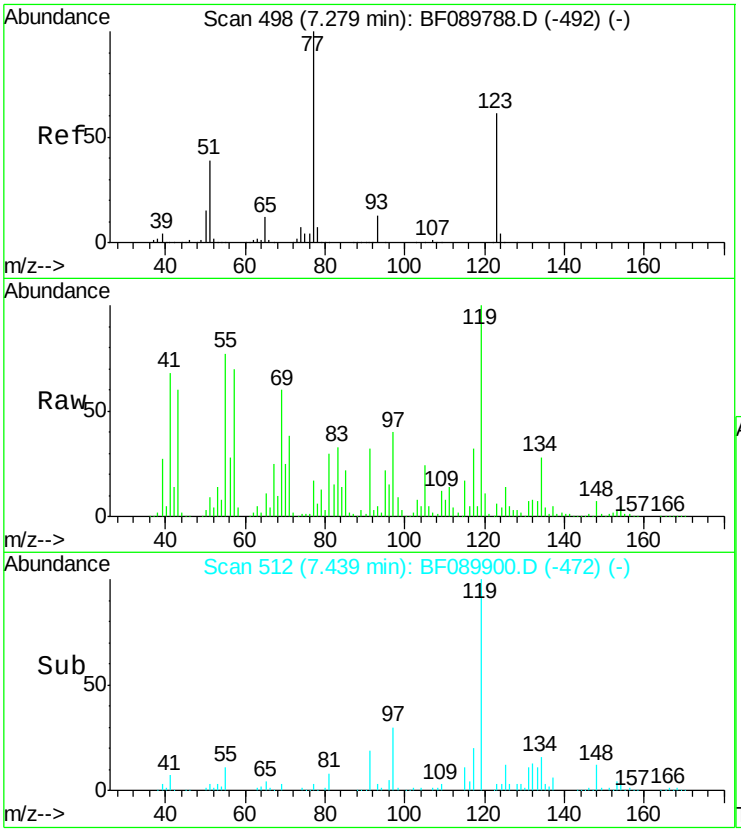


#23
Nitrobenzene-d5
Concen: 59.52 ng
RT: 7.34 min Scan# 503
Delta R.T. 0.08 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 82 Resp: 330652

Ion	Ratio	Lower	Upper
82	100		
128	12.9	34.4	51.6#
54	45.5	40.3	60.5



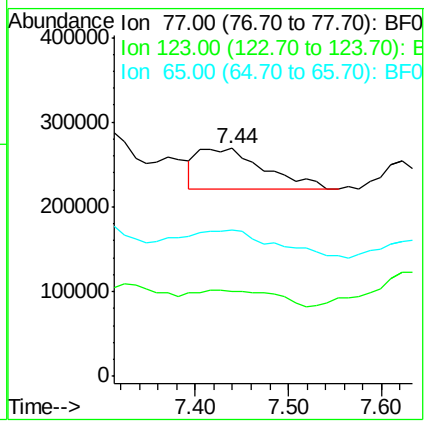


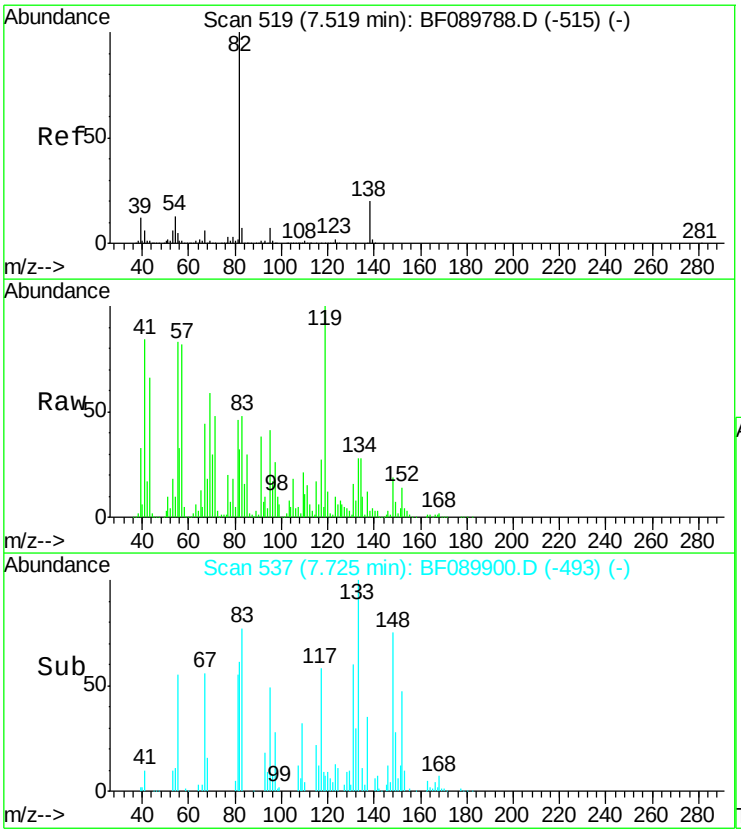
#24
Nitrobenzene
Concen: 37.01 ng
RT: 7.44 min Scan# 512
Delta R.T. 0.16 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 77 Resp: 230687

Ion	Ratio	Lower	Upper
77	100		
123	37.2	36.2	54.2
65	64.4	10.6	15.8#

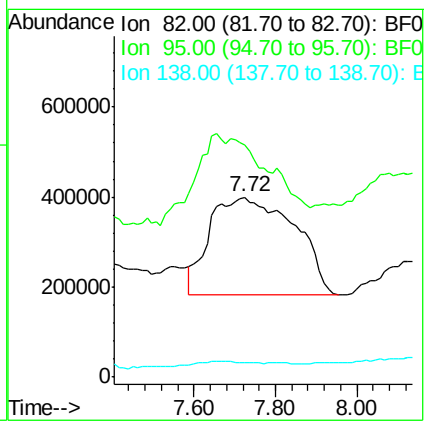


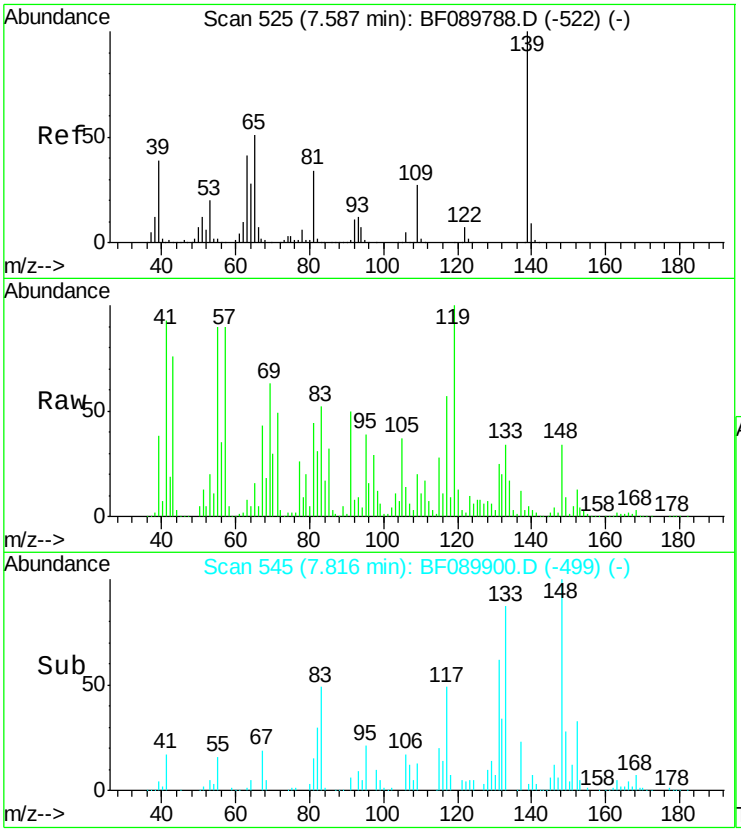


#25
Isophorone
Concen: 280.53 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.21 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion: 82 Resp: 3143446

Ion	Ratio	Lower	Upper
82	100		
95	128.9	5.3	7.9#
138	8.2	13.0	19.4#



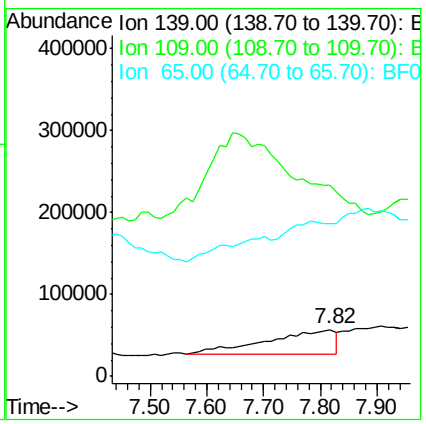


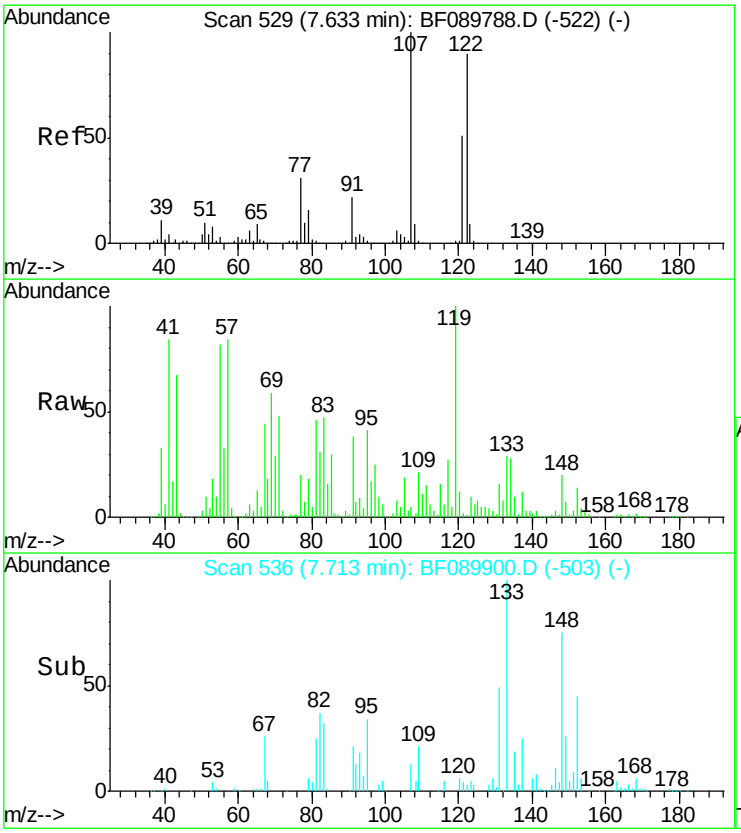
#26
2-Nitrophenol
Concen: 77.65 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.23 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:139 Resp: 241489

Ion	Ratio	Lower	Upper
139	100		
109	410.6	19.5	29.3#
65	326.7	26.5	39.7#

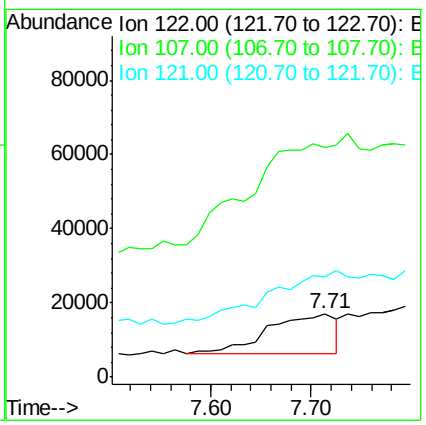


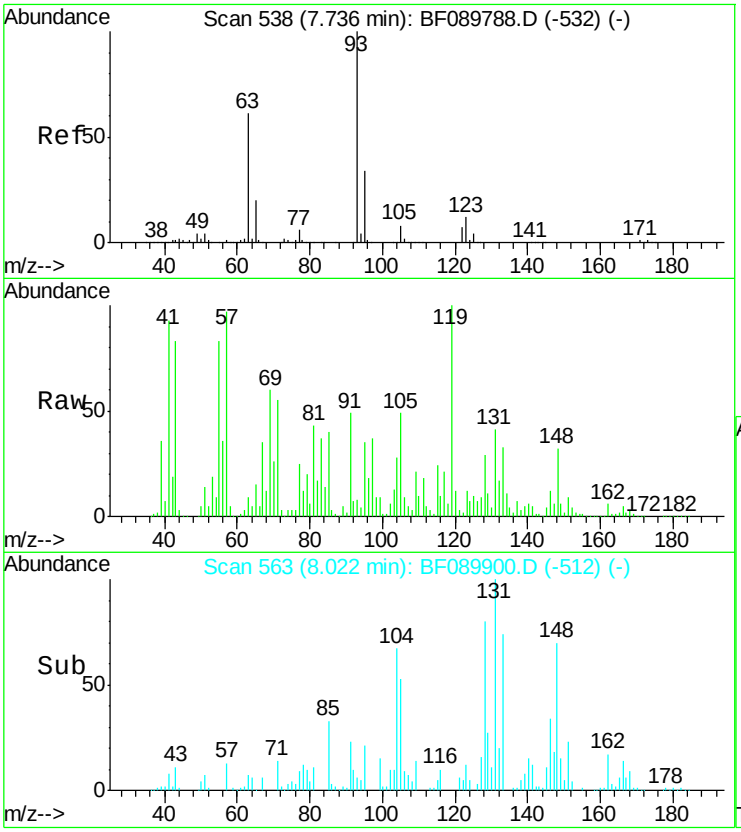


#27
2,4-Dimethylphenol
Concen: 8.93 ng
RT: 7.71 min Scan# 536
Delta R.T. 0.08 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:122 Resp: 50039

Ion	Ratio	Lower	Upper
122	100		
107	362.0	84.8	127.2#
121	158.9	47.0	70.6#



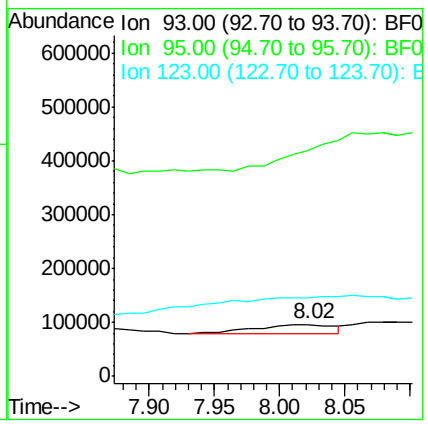


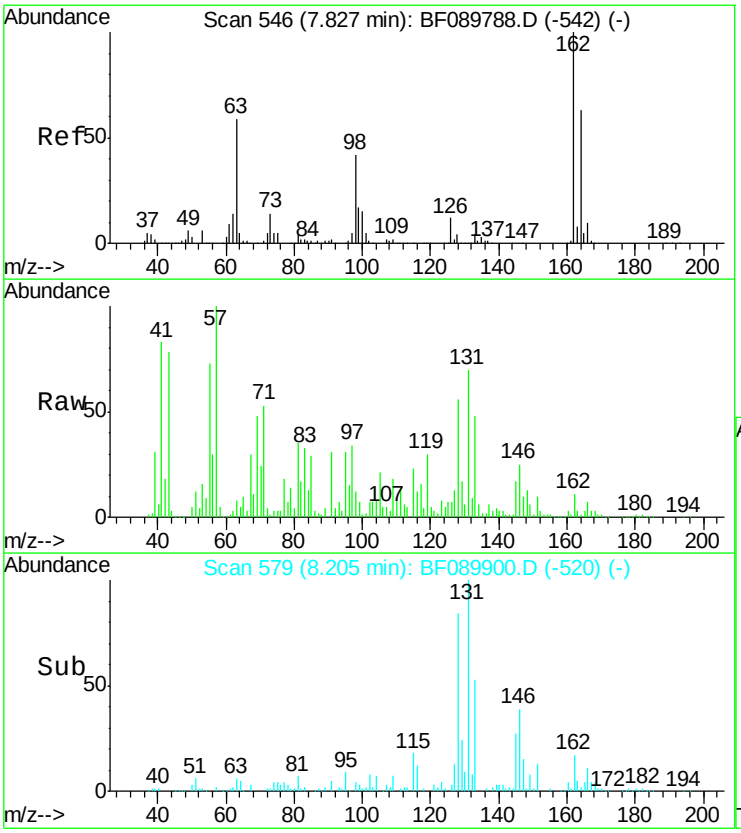
#28
bis(2-Chloroethoxy)methane
Concen: 10.07 ng
RT: 8.02 min Scan# 563
Delta R.T. 0.29 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 93 Resp: 69787

Ion	Ratio	Lower	Upper
93	100		
95	433.3	25.5	38.3#
123	149.9	8.5	12.7#

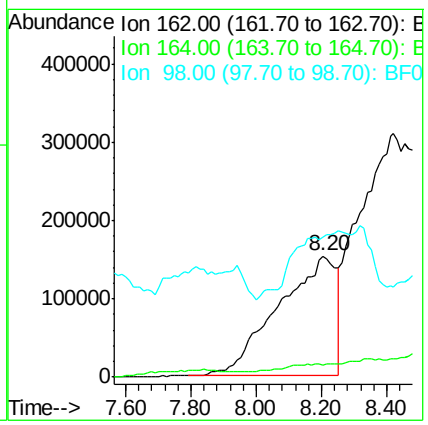


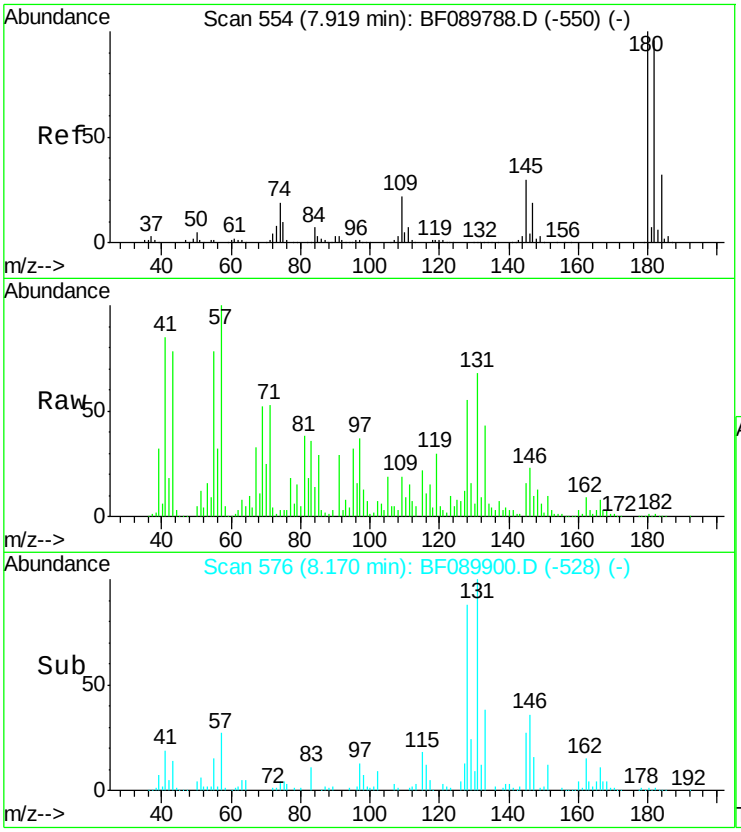


#29
2,4-Dichlorophenol
Concen: 398.51 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.38 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:162 Resp: 1874231

Ion	Ratio	Lower	Upper
162	100		
164	10.2	45.5	85.5#
98	115.0	12.4	52.4#



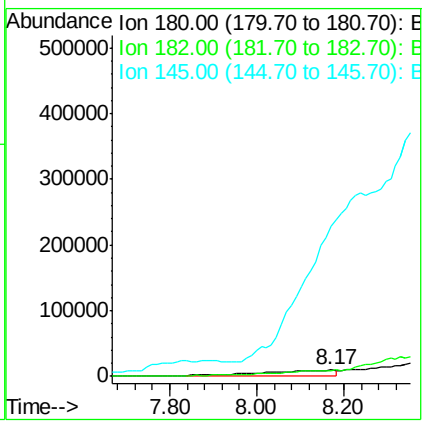


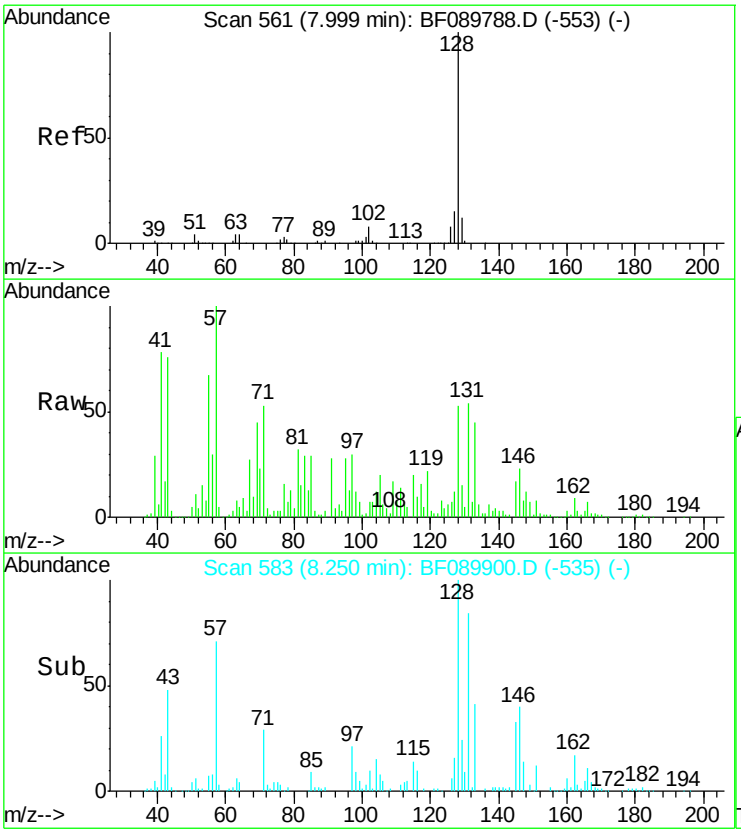
#30
1,2,4-Trichlorobenzene
Concen: 16.08 ng
RT: 8.17 min Scan# 576
Delta R.T. 0.25 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:180 Resp: 83678

Ion	Ratio	Lower	Upper
180	100		
182	86.0	75.5	113.3
145	2295.4	28.7	43.1#

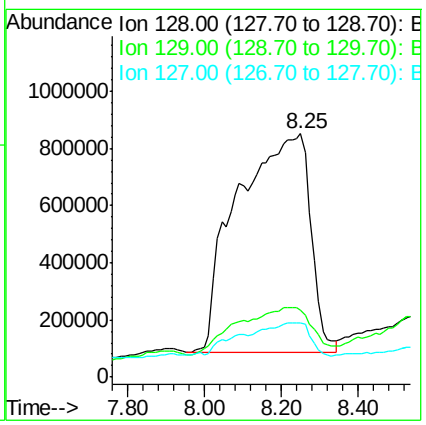


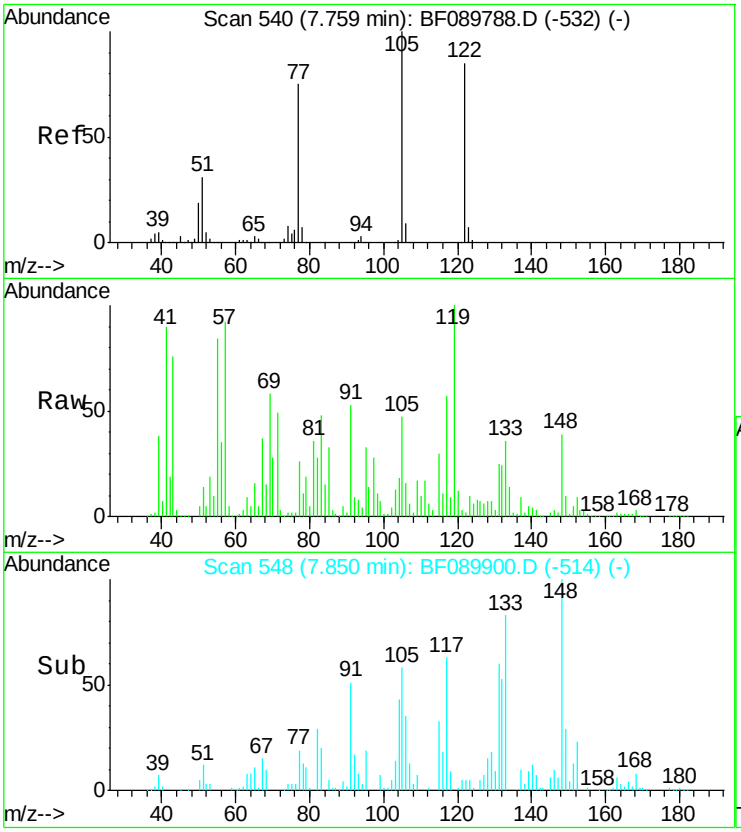


#31
Naphthalene
Concen: 624.09 ng
RT: 8.25 min Scan# 583
Delta R.T. 0.25 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:128 Resp:10067503

Ion	Ratio	Lower	Upper
128	100		
129	27.3	9.5	14.3#
127	22.4	11.3	16.9#



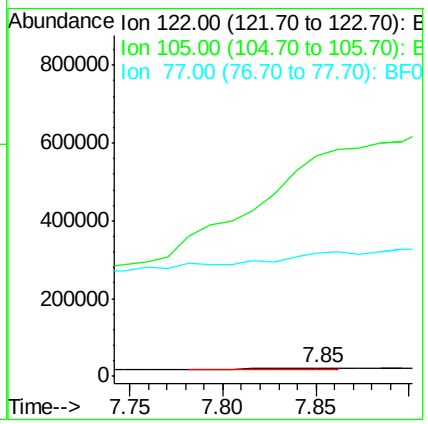


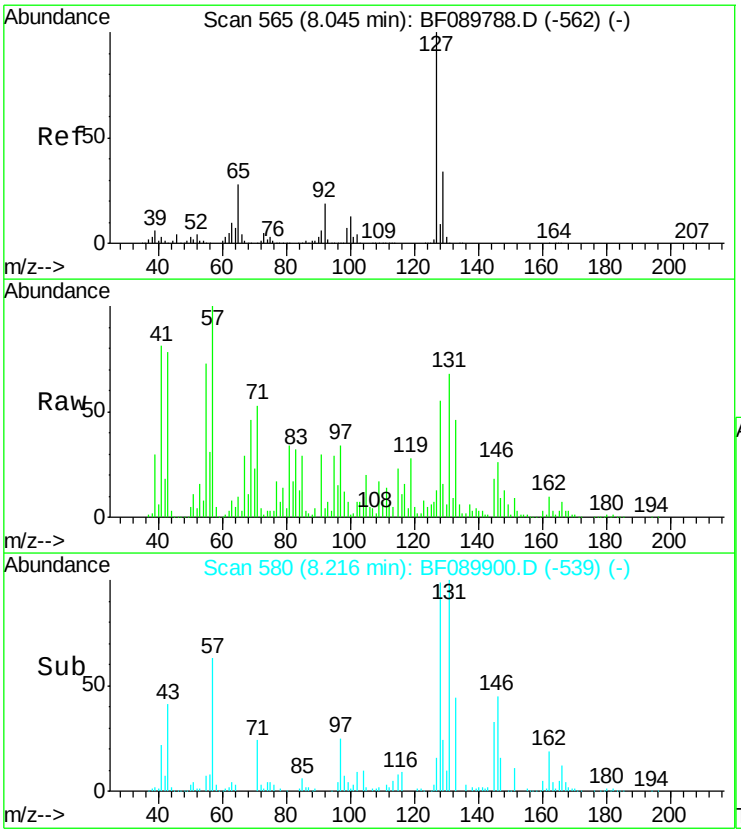
#32
Benzoic acid
Concen: 2.97 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.09 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:122 Resp: 12965

Ion	Ratio	Lower	Upper
122	100		
105	2592.2	100.8	140.8#
77	1444.1	72.1	112.1#

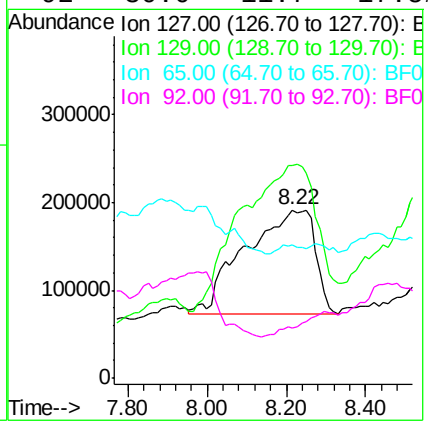


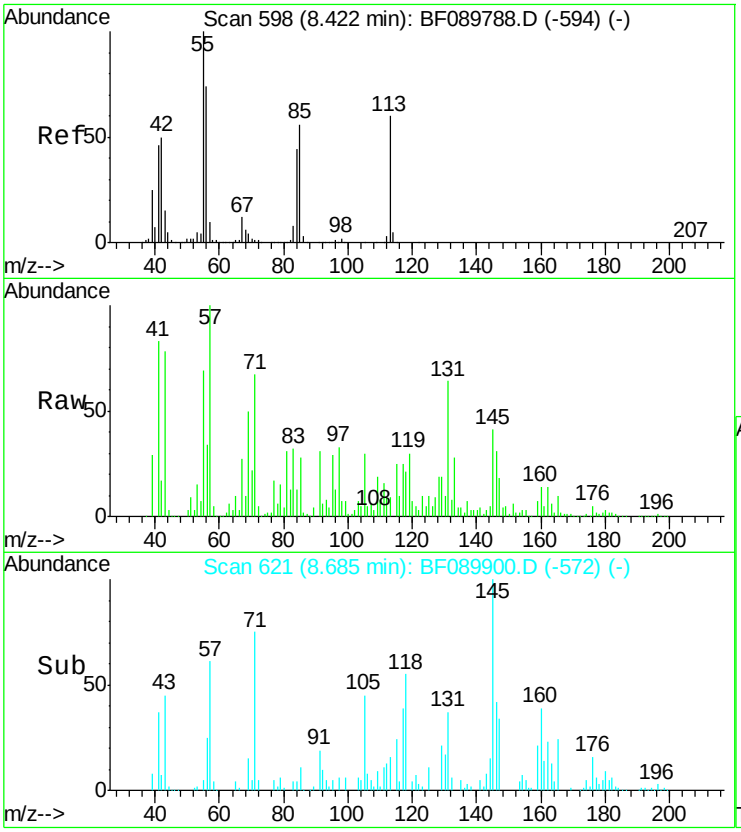


#33
4-Chloroaniline
Concen: 204.85 ng
RT: 8.22 min Scan# 580
Delta R.T. 0.17 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:127 Resp: 1432424

Ion	Ratio	Lower	Upper
127	100		
129	126.7	27.0	40.6#
65	79.5	14.7	22.1#
92	30.0	11.7	17.5#



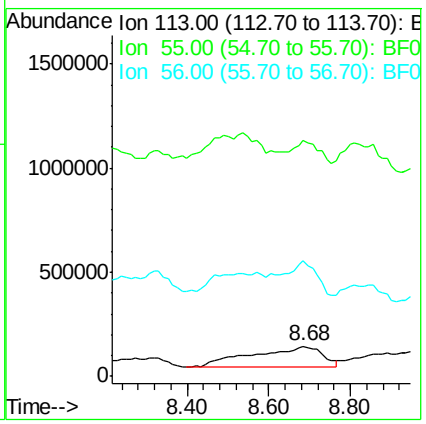


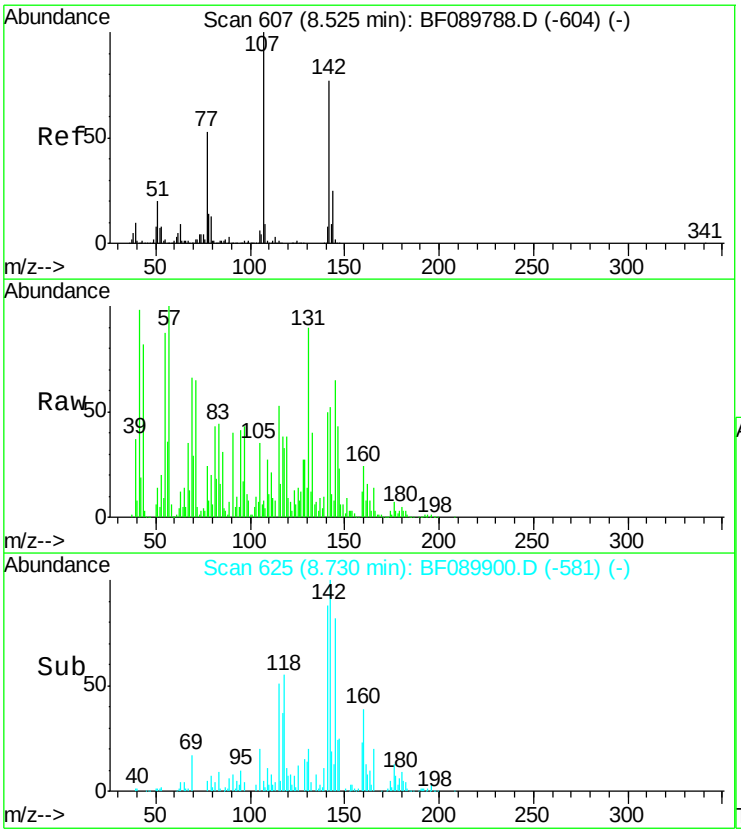
#35
Caprolactam
Concen: 815.38 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.26 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:113 Resp: 1167820

Ion	Ratio	Lower	Upper
113	100		
55	785.4	135.9	175.9#
56	384.1	93.9	133.9#

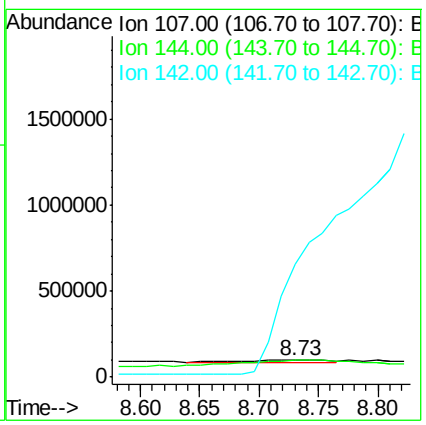


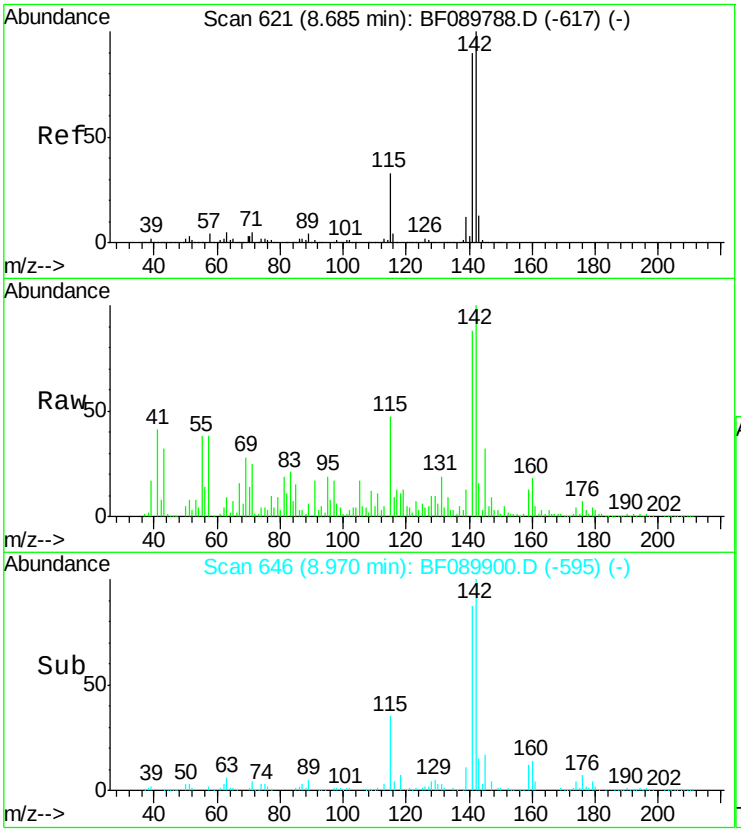


#36
4-Chloro-3-methylphenol
Concen: 11.23 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.21 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:107 Resp: 57206

Ion	Ratio	Lower	Upper
107	100		
144	99.9	22.6	34.0#
142	663.3	69.3	103.9#



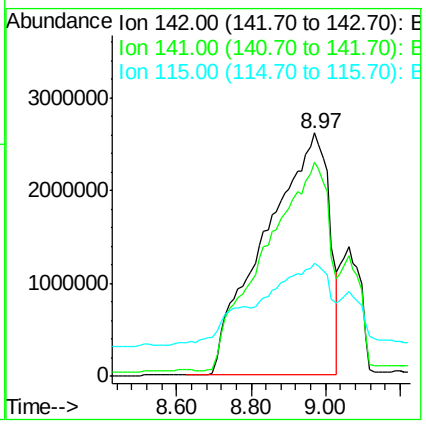


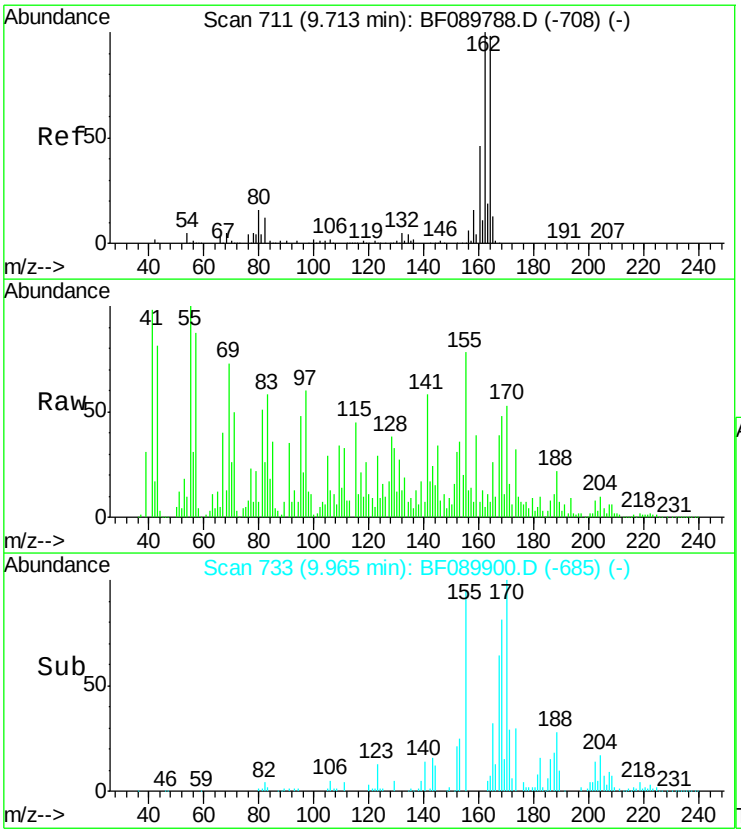
#37
2-Methylnaphthalene
Concen: 2977.16 ng
RT: 8.97 min Scan# 646
Delta R.T. 0.29 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:142 Resp:31069396

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	46.7	22.7	34.1#

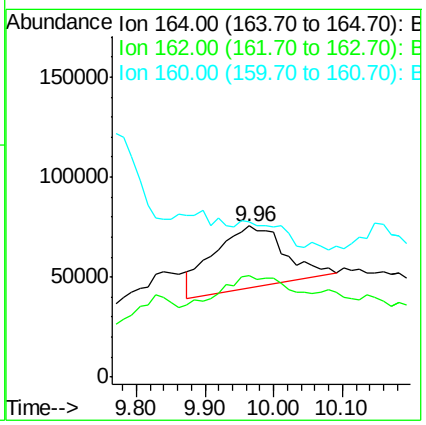


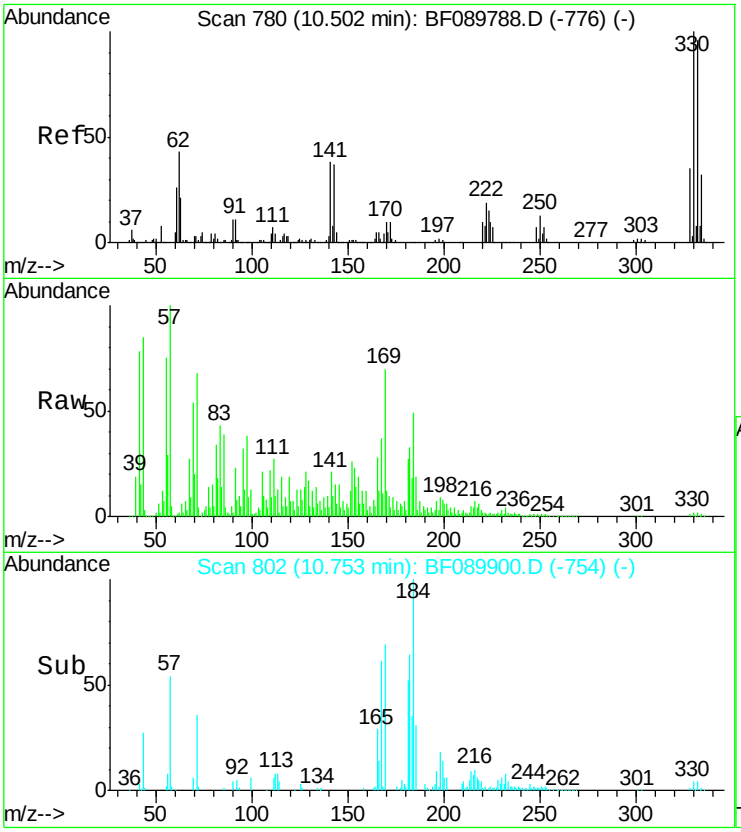


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.25 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:164 Resp: 224813

Ion	Ratio	Lower	Upper
164	100		
162	67.0	81.4	122.2#
160	103.3	37.8	56.6#



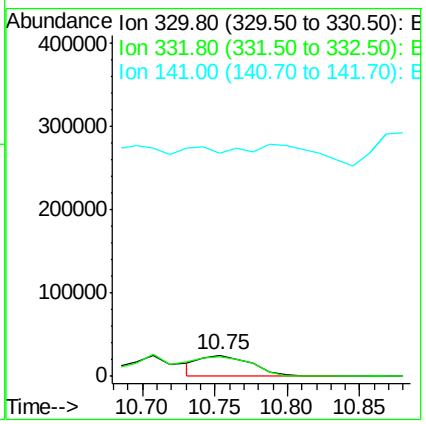


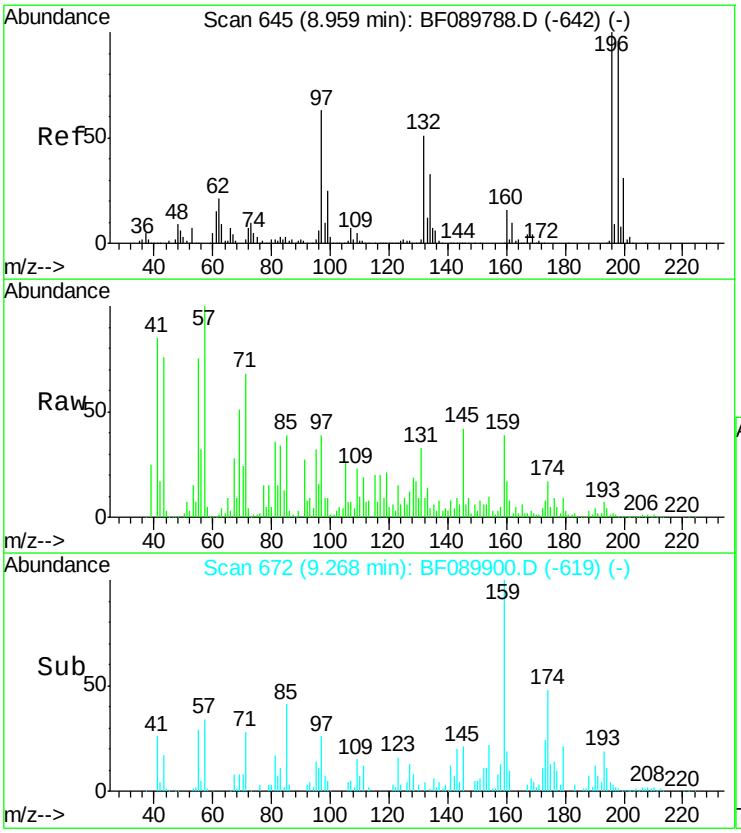
#41
2,4,6-Tribromophenol
Concen: 28.88 ng
RT: 10.75 min Scan# 802
Delta R.T. 0.25 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:330 Resp: 61700

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.7	115.1
141	0.0	30.2	45.2#

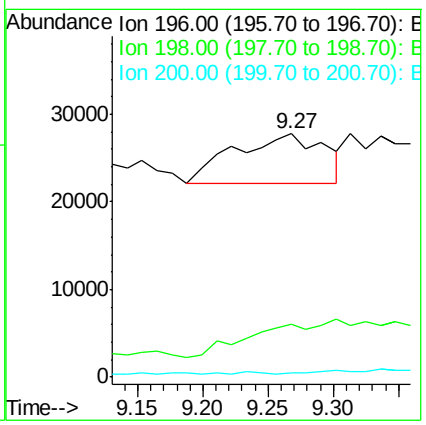


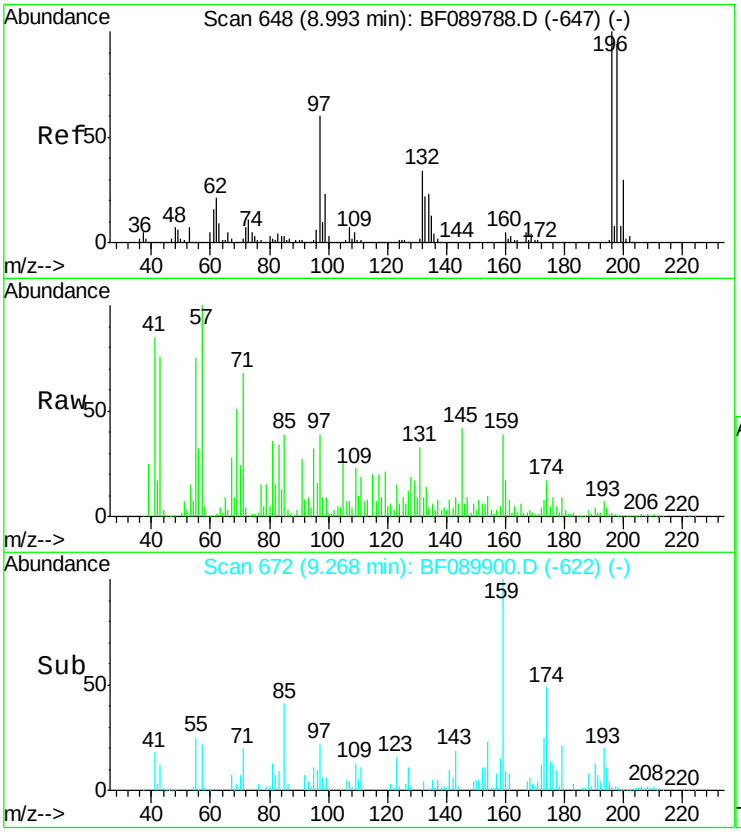


#42
2,4,6-Trichlorophenol
Concen: 5.95 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.31 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:196 Resp: 27245

Ion	Ratio	Lower	Upper
196	100		
198	22.0	76.3	114.5#
200	1.7	24.6	36.8#



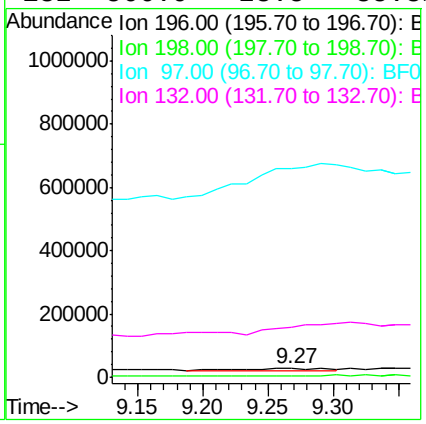


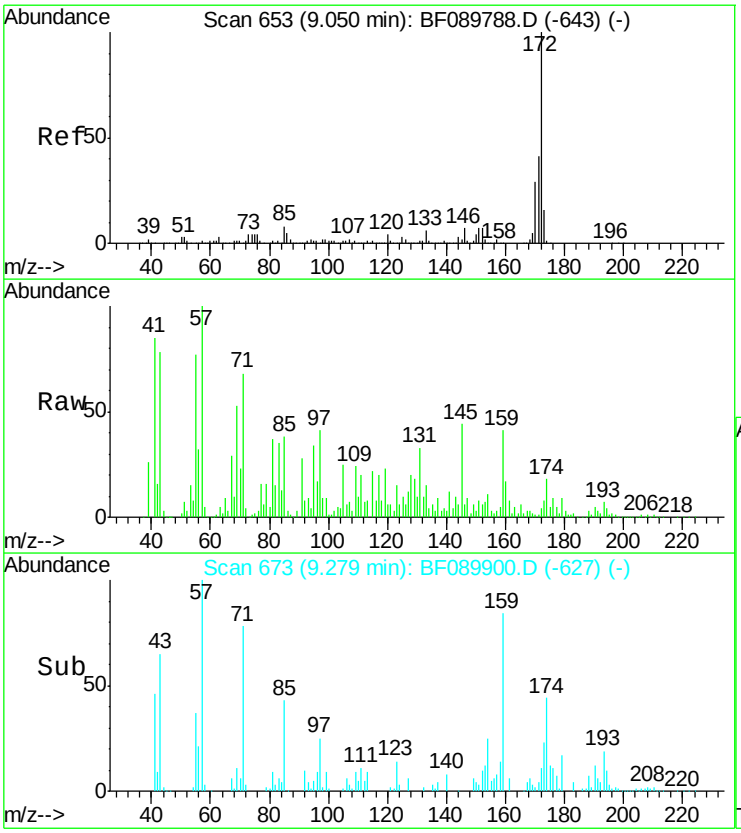
#43
2,4,5-Trichlorophenol
Concen: 5.98 ng
RT: 9.27 min Scan# 672
Delta R.T. 0.27 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:196 Resp: 27245

Ion	Ratio	Lower	Upper
196	100		
198	22.0	76.6	114.8#
97	2374.6	35.8	53.8#
132	566.9	23.5	35.3#

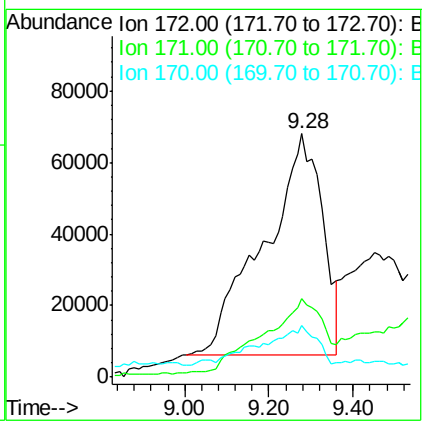


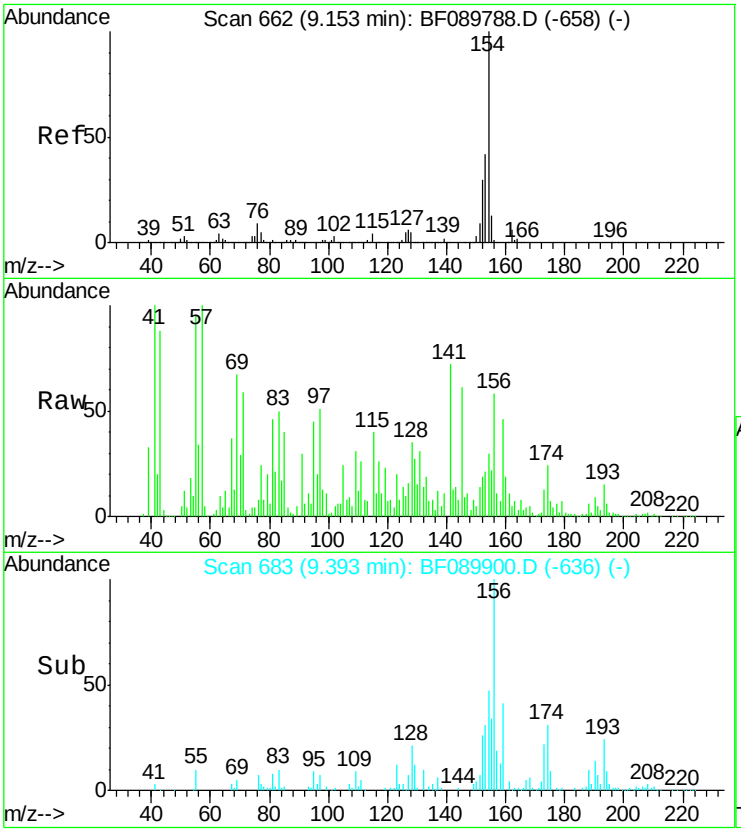


#44
2-Fluorobiphenyl
Concen: 46.20 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.23 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:172 Resp: 590932

Ion	Ratio	Lower	Upper
172	100		
171	32.3	30.5	45.7
170	21.1	20.6	31.0



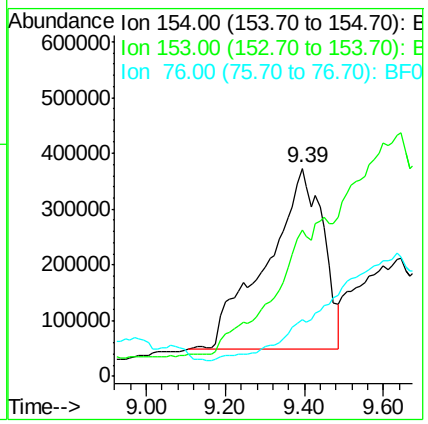


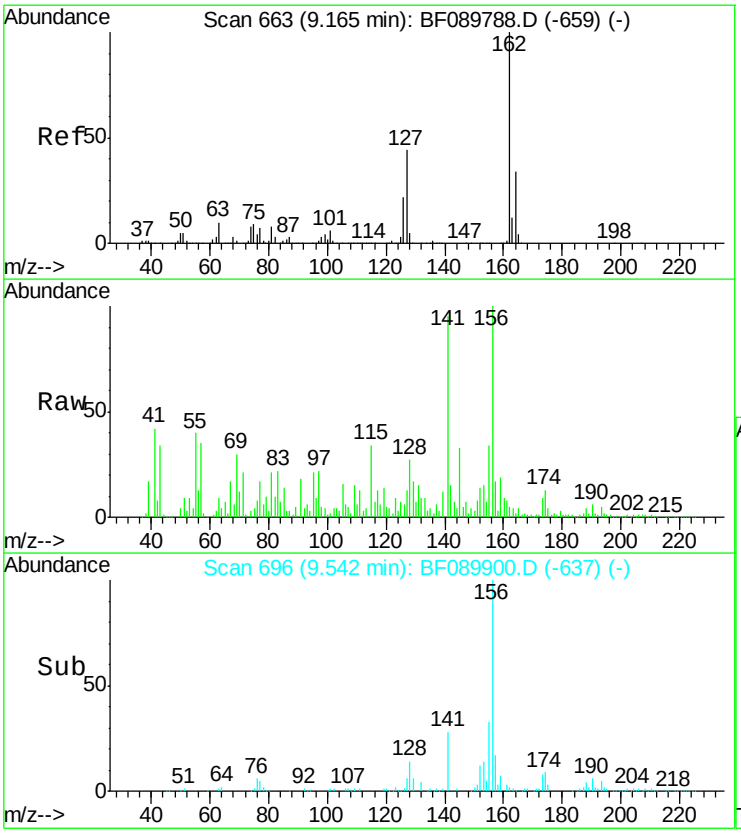
#45
1,1'-Biphenyl
Concen: 183.46 ng
RT: 9.39 min Scan# 683
Delta R.T. 0.24 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:154 Resp: 3191810

Ion	Ratio	Lower	Upper
154	100		
153	70.1	21.5	61.5#
76	27.1	0.0	36.7

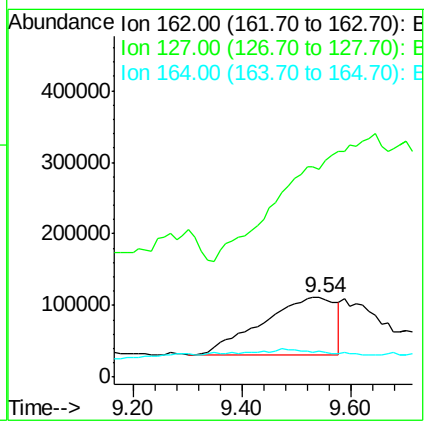


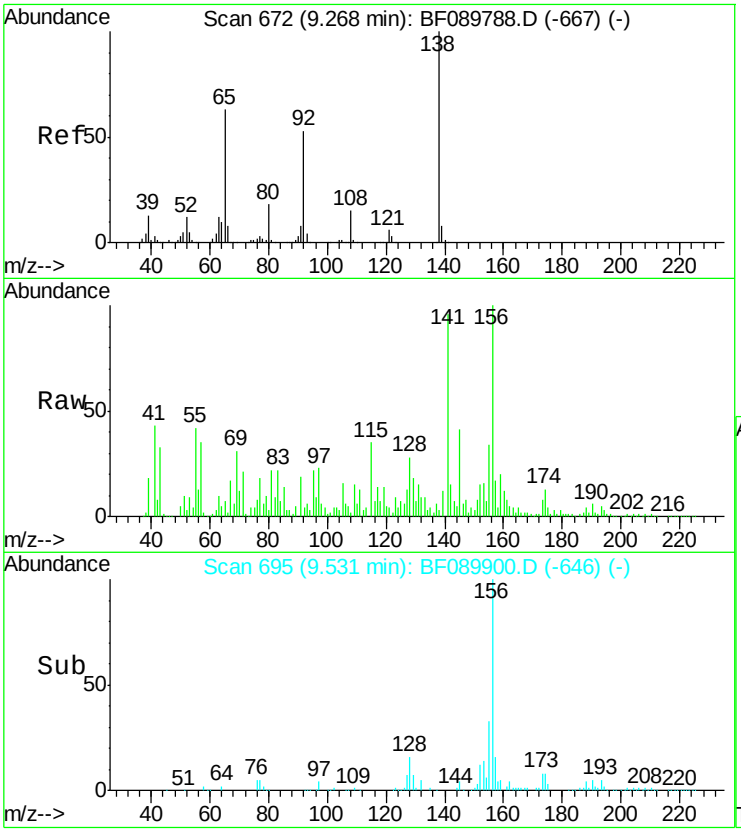


#46
2-Chloronaphthalene
Concen: 54.59 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.38 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:162 Resp: 750788

Ion	Ratio	Lower	Upper
162	100		
127	261.2	35.5	53.3#
164	31.9	26.6	40.0



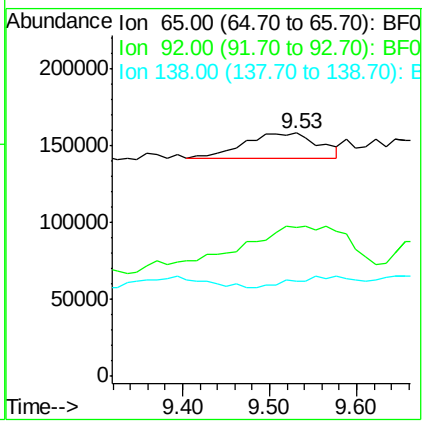


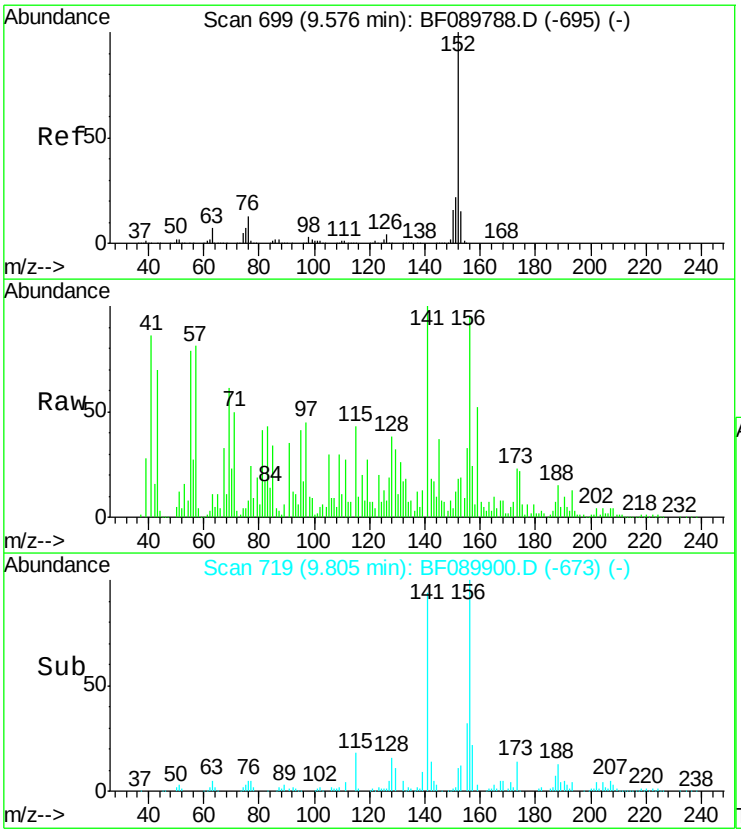
#47
2-Nitroaniline
Concen: 26.29 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.26 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 65 Resp: 103133

Ion	Ratio	Lower	Upper
65	100		
92	61.0	56.3	84.5
138	39.0	81.8	122.8#

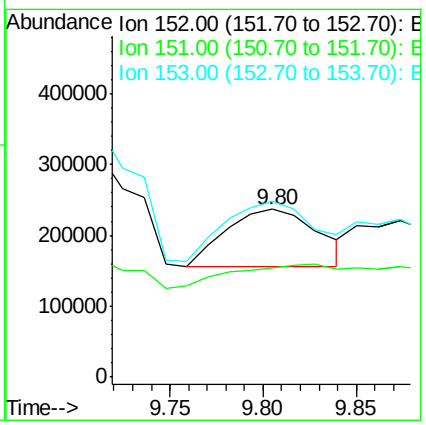


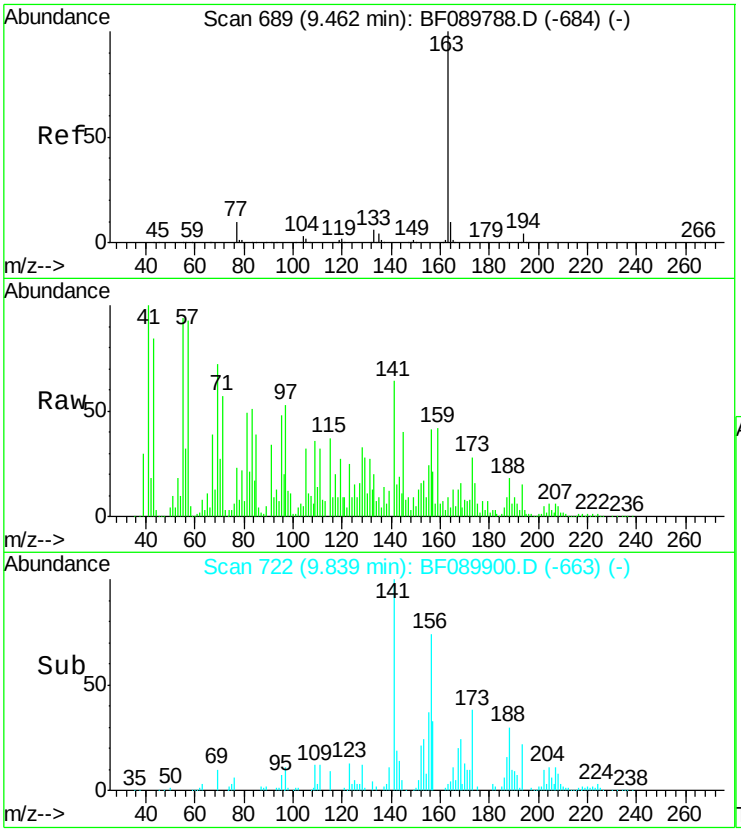


#48
Acenaphthylene
Concen: 13.39 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.23 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:152 Resp: 276801

Ion	Ratio	Lower	Upper
152	100		
151	65.2	17.1	25.7#
153	105.0	11.2	16.8#



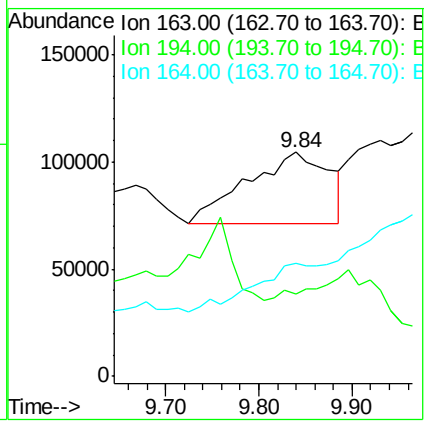


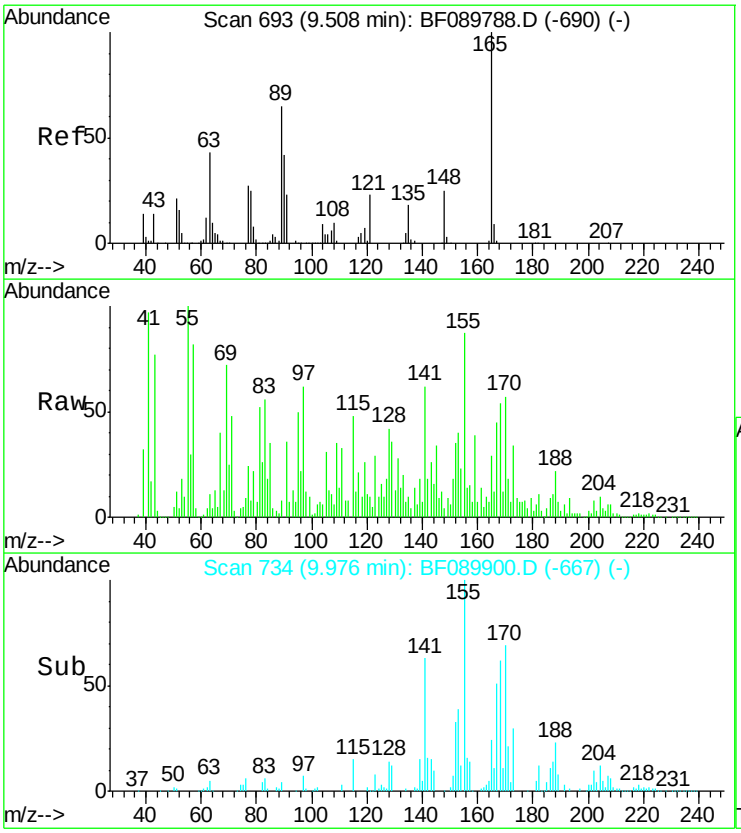
#49
Dimethylphthalate
Concen: 13.04 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.38 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:163 Resp: 206427

Ion	Ratio	Lower	Upper
163	100		
194	36.9	2.6	3.8#
164	50.4	8.6	12.8#

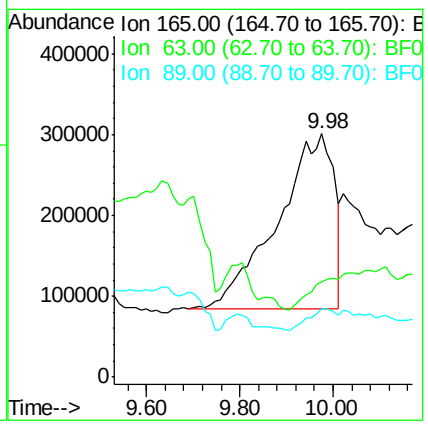


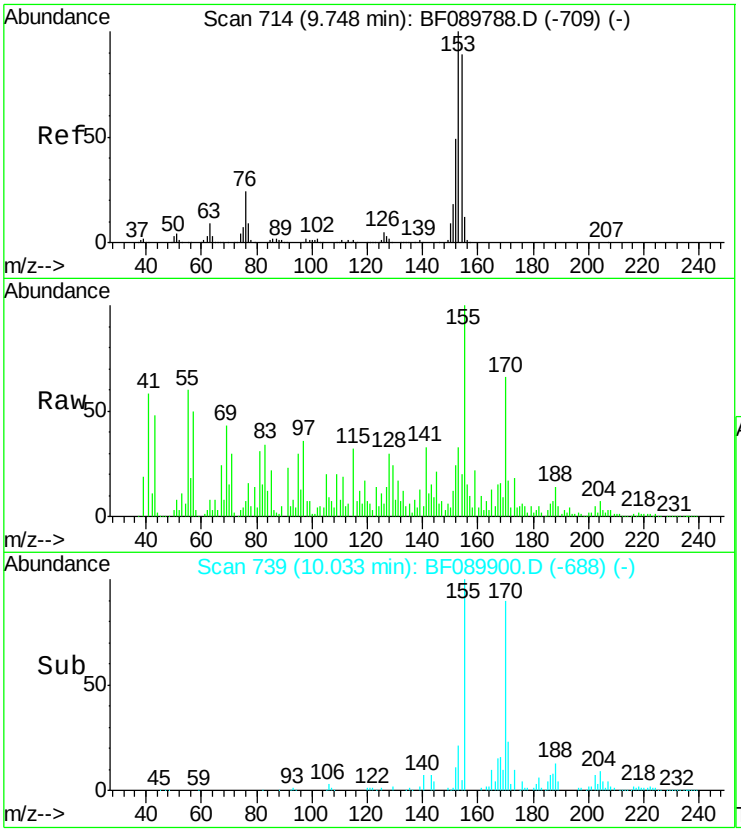


#50
2,6-Dinitrotoluene
Concen: 500.69 ng
RT: 9.98 min Scan# 734
Delta R.T. 0.47 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:165 Resp: 1829863

Ion	Ratio	Lower	Upper
165	100		
63	38.8	41.7	62.5#
89	27.9	44.6	67.0#



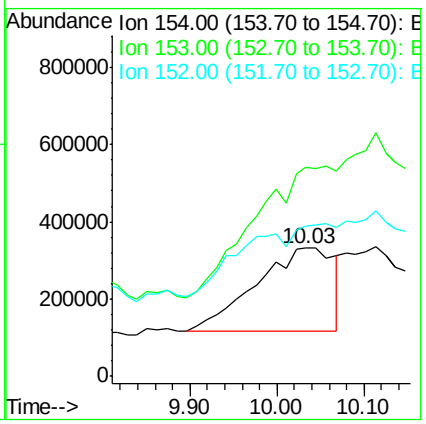


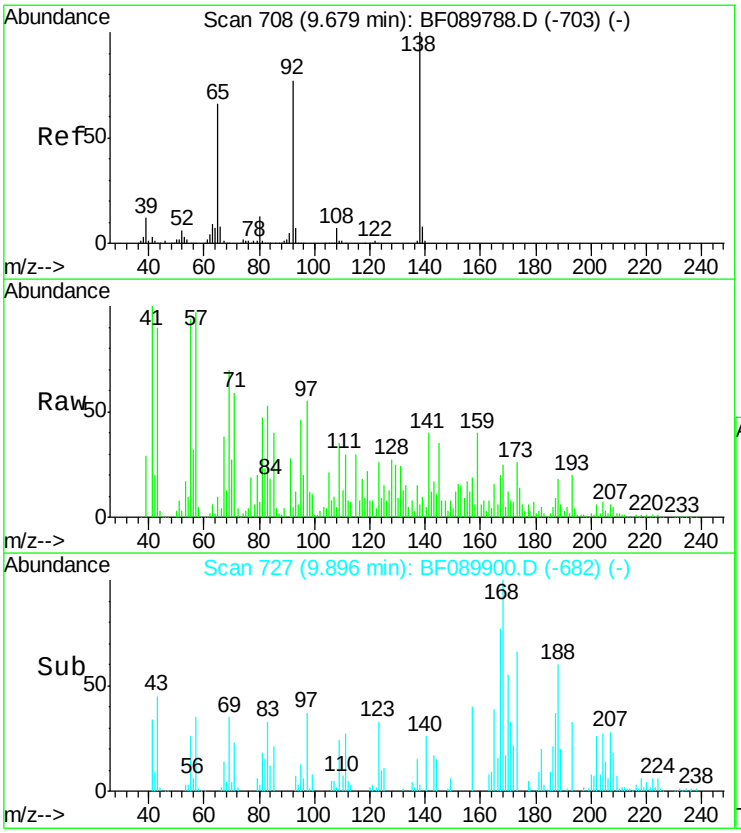
#51
Acenaphthene
Concen: 99.01 ng
RT: 10.03 min Scan# 739
Delta R.T. 0.29 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:154 Resp: 1354104

Ion	Ratio	Lower	Upper
154	100		
153	162.7	90.5	135.7#
152	117.3	44.6	67.0#

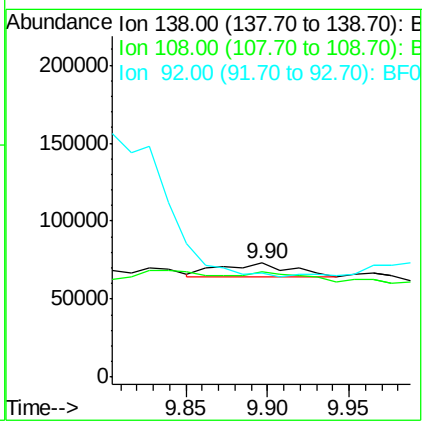


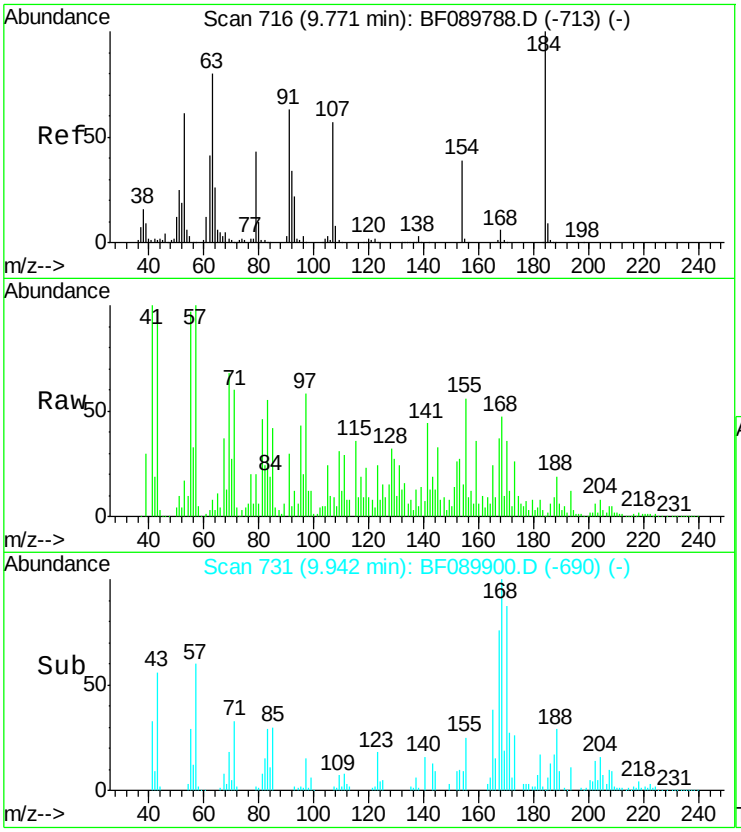


#52
3-Nitroaniline
Concen: 6.50 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.22 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:138 Resp: 26322

Ion	Ratio	Lower	Upper
138	100		
108	92.3	8.1	12.1#
92	91.2	92.7	139.1#



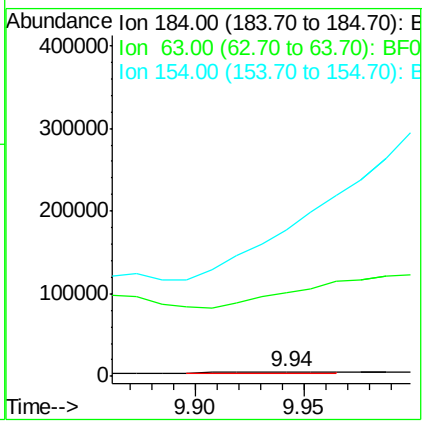


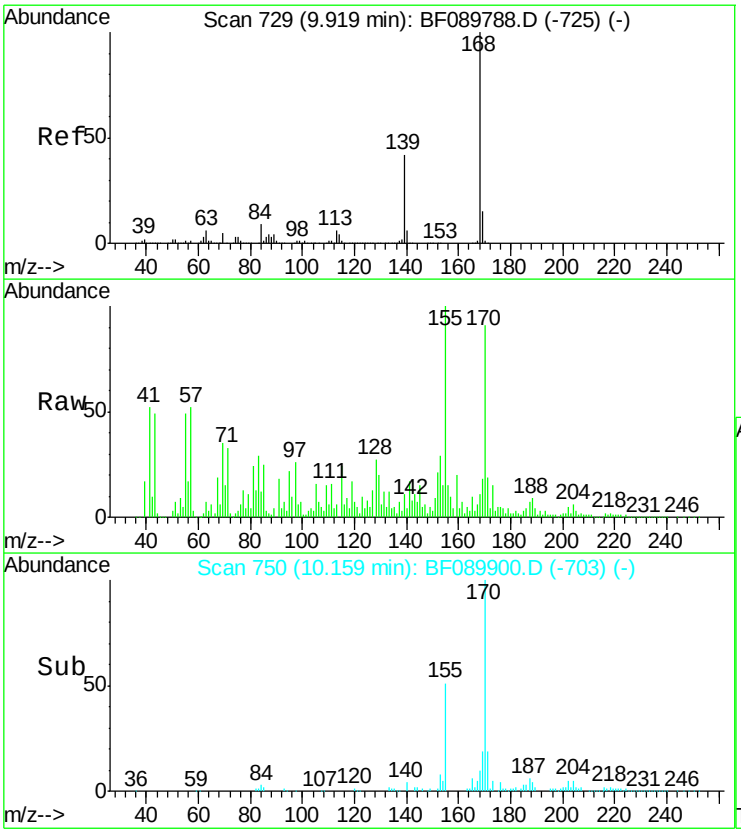
#53
2,4-Dinitrophenol
Concen: 4.85 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.17 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:184 Resp: 3615

Ion	Ratio	Lower	Upper
184	100		
63	1900.1	54.2	81.4#
154	3318.2	52.7	79.1#

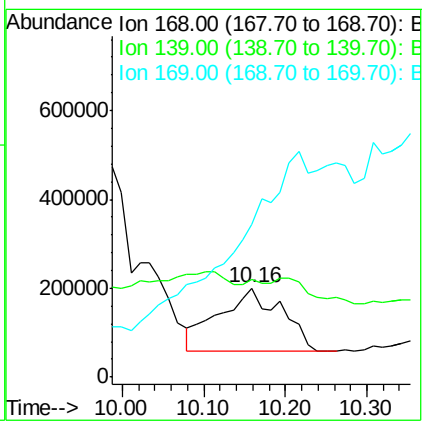


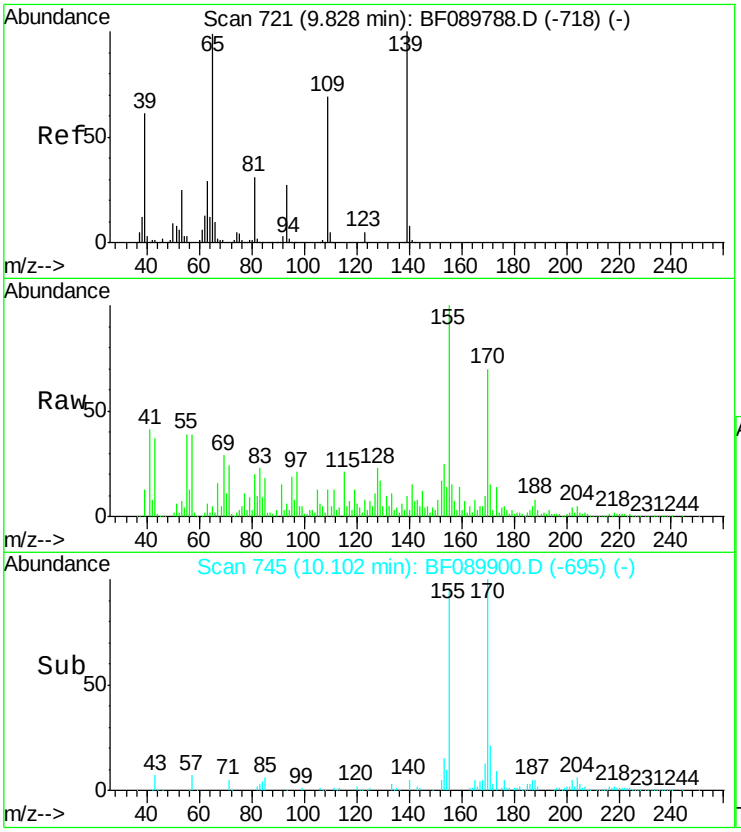


#54
Dibenzofuran
Concen: 43.33 ng
RT: 10.16 min Scan# 750
Delta R.T. 0.24 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:168 Resp: 744397

Ion	Ratio	Lower	Upper
168	100		
139	109.5	34.6	52.0#
169	171.7	11.5	17.3#



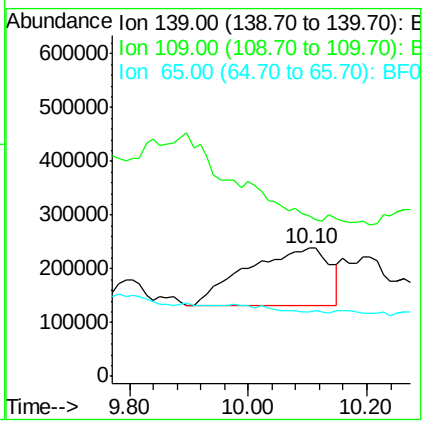


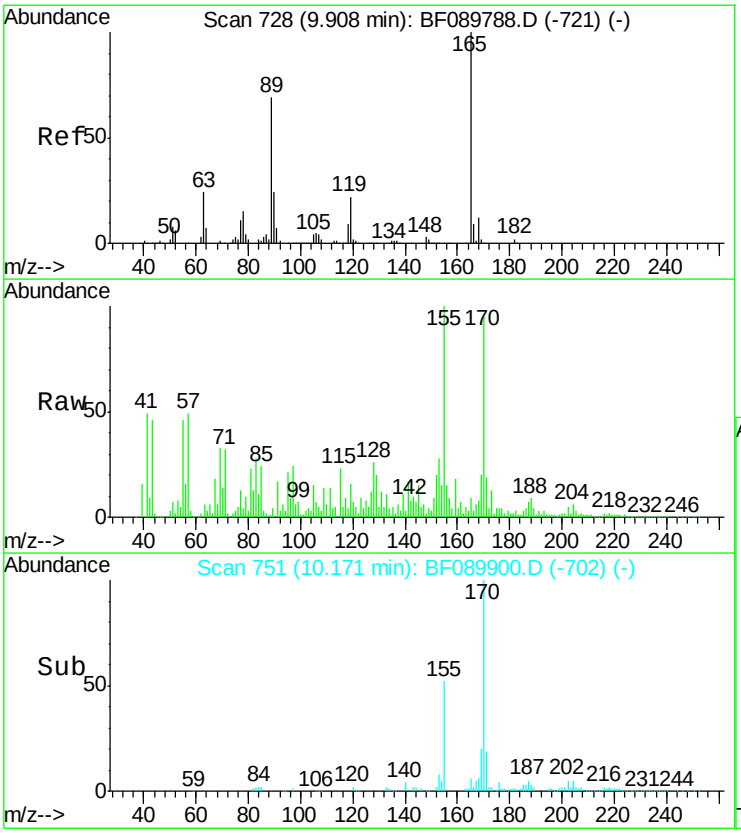
#55
4-Nitrophenol
Concen: 315.41 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.27 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:139 Resp: 1042375

Ion	Ratio	Lower	Upper
139	100		
109	125.0	43.0	83.0#
65	50.7	55.7	95.7#

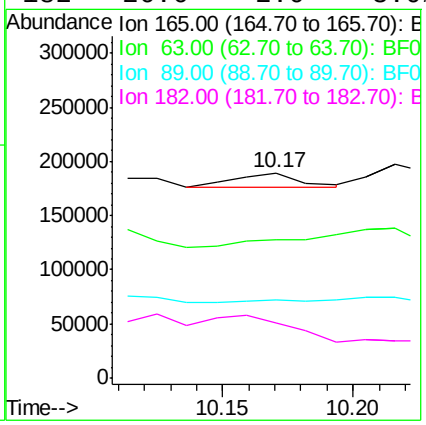


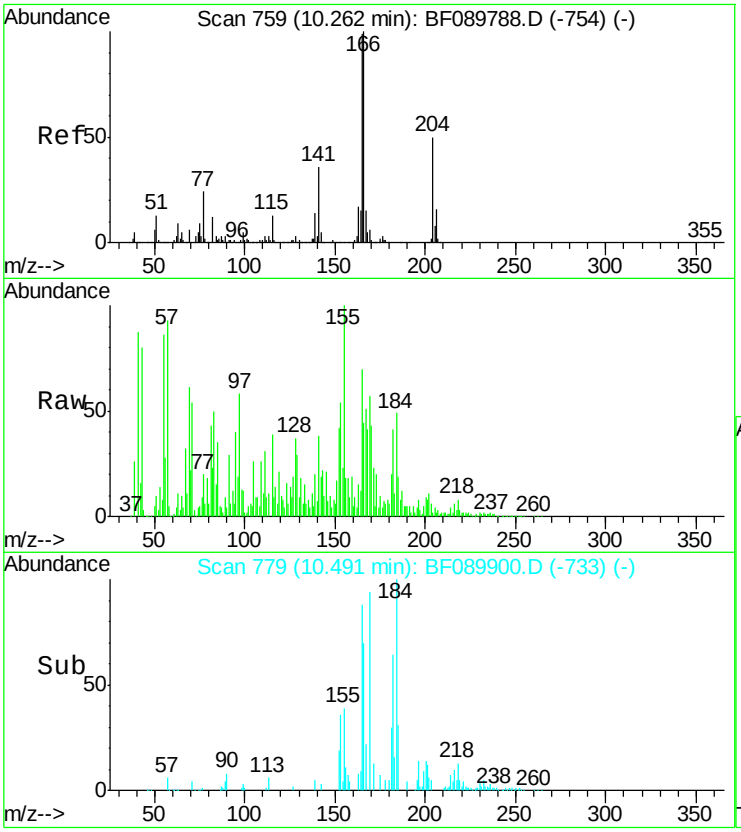


#56
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.26 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:165 Resp: 23833

Ion	Ratio	Lower	Upper
165	100		
63	67.1	23.7	35.5#
89	38.0	44.0	66.0#
182	26.6	2.0	3.0#



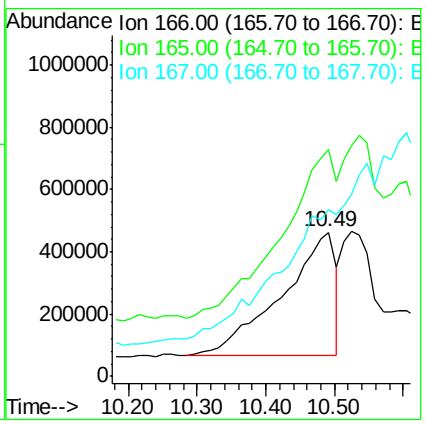


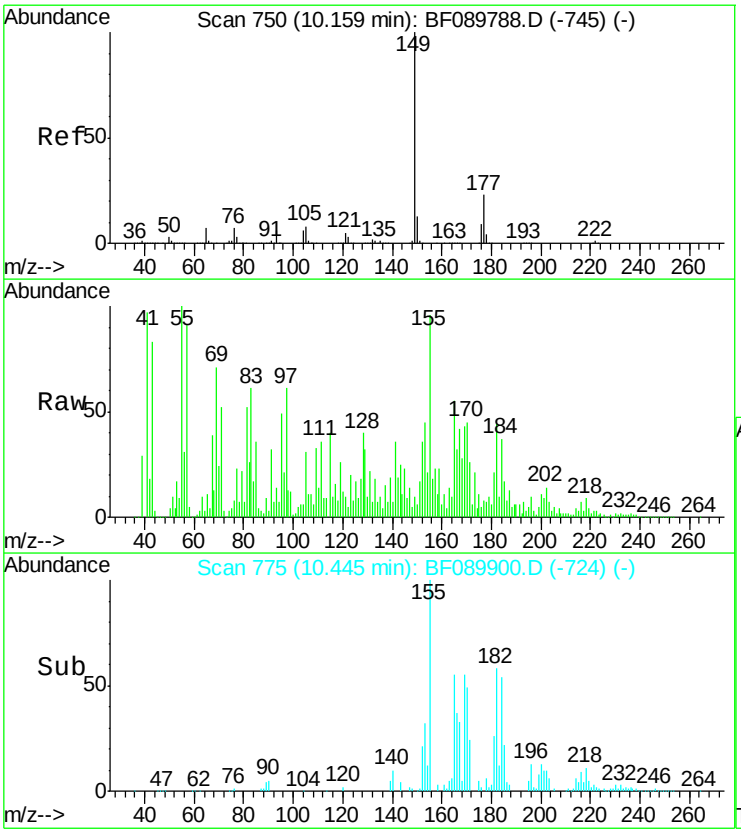
#57
Fluorene
Concen: 155.47 ng
RT: 10.49 min Scan# 779
Delta R.T. 0.23 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:166 Resp: 2128345

Ion	Ratio	Lower	Upper
166	100		
165	157.3	80.2	120.4#
167	115.4	11.3	16.9#

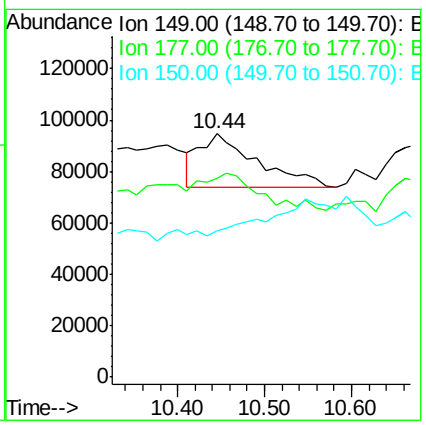


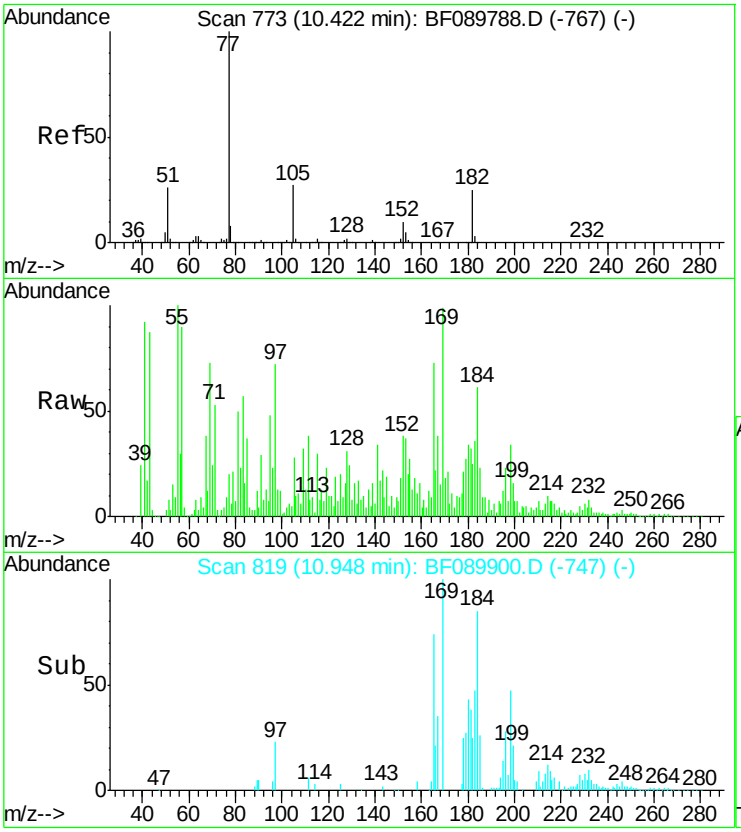


#59
Diethylphthalate
Concen: 5.89 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.29 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:149 Resp: 94761

Ion	Ratio	Lower	Upper
149	100		
177	81.8	16.6	25.0#
150	60.1	10.5	15.7#



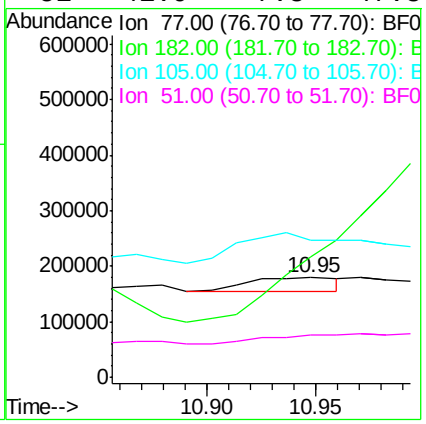


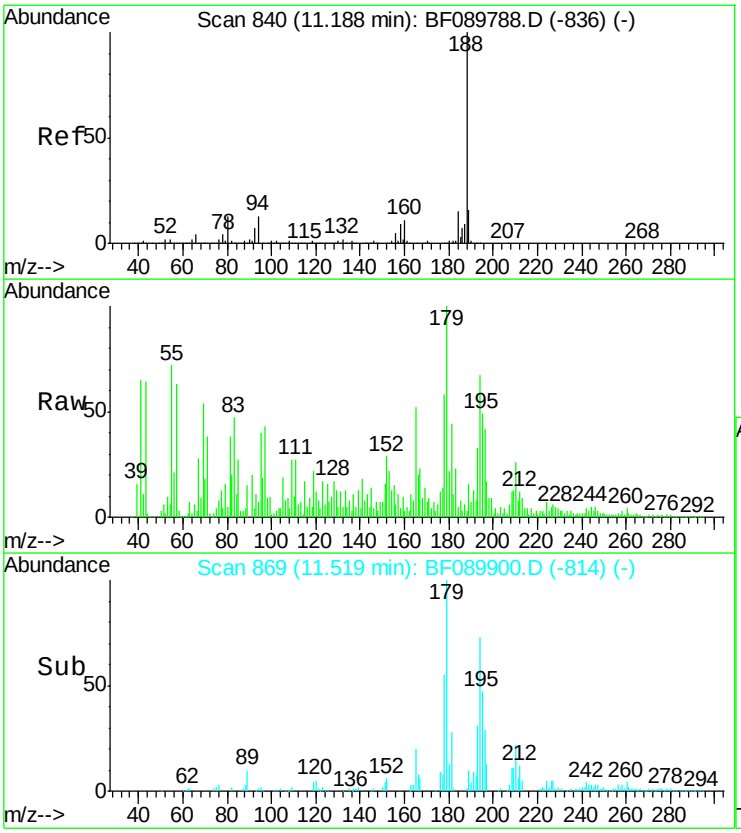
#62
Azobenzene
Concen: 5.09 ng
RT: 10.95 min Scan# 819
Delta R.T. 0.53 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion: 77 Resp: 76989

Ion	Ratio	Lower	Upper
77	100		
182	120.8	5.6	45.6#
105	136.9	4.0	44.0#
51	41.9	7.8	47.8

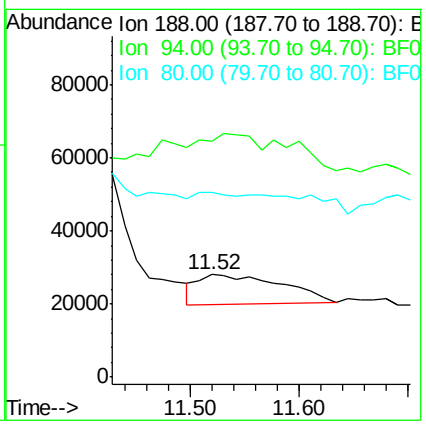


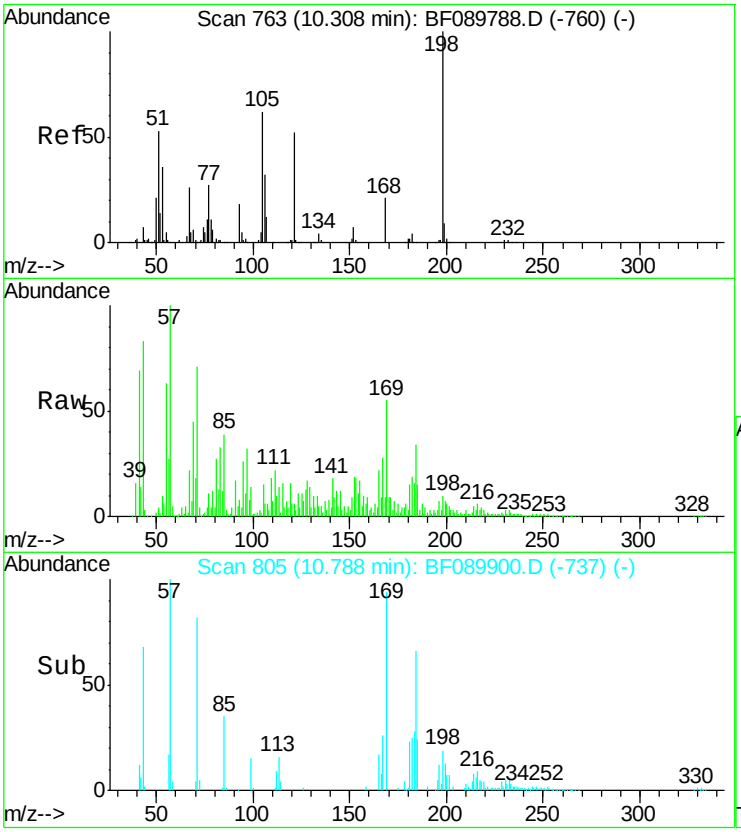


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 869
Delta R.T. 0.33 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:188 Resp: 43688

Ion	Ratio	Lower	Upper
188	100		
94	231.0	10.2	15.2#
80	180.2	10.9	16.3#



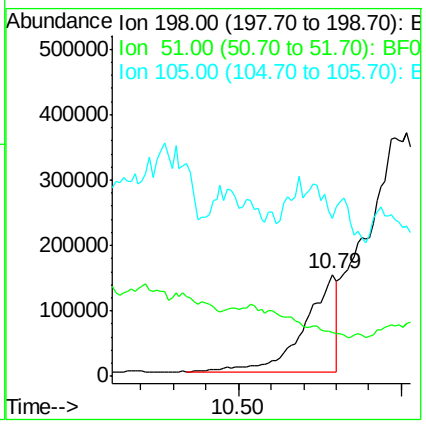


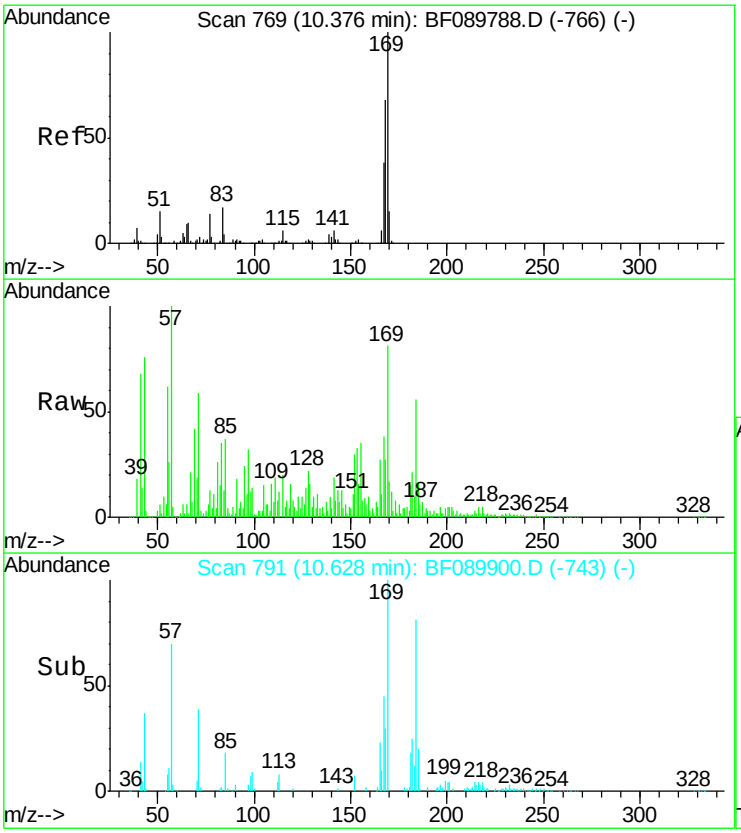
#64
4,6-Dinitro-2-methylphenol
Concen: 4011.79 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.48 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:198 Resp: 1007175

Ion	Ratio	Lower	Upper
198	100		
51	42.7	32.3	72.3
105	154.3	32.9	72.9#

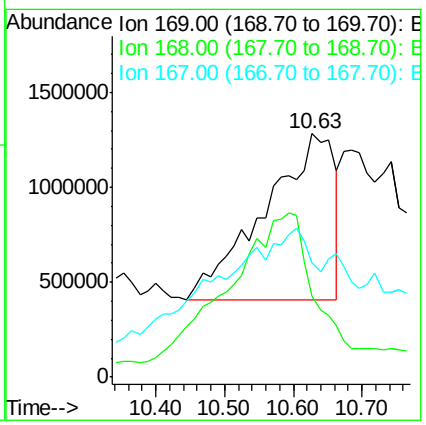


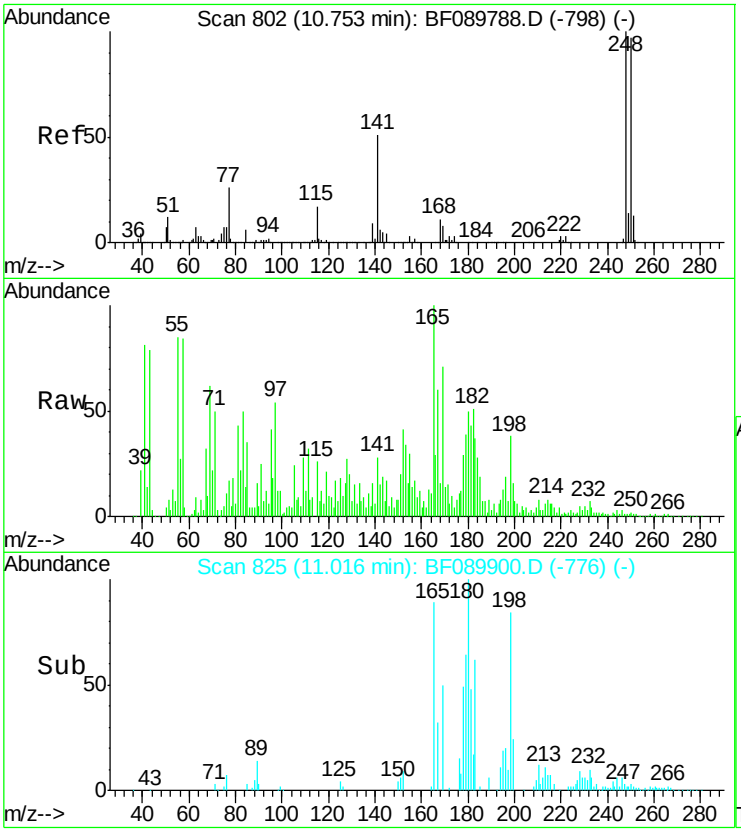


#65
n-Nitrosodiphenylamine
Concen: 4477.16 ng
RT: 10.63 min Scan# 791
Delta R.T. 0.25 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:169 Resp: 6150072

Ion	Ratio	Lower	Upper
169	100		
168	33.5	54.6	82.0#
167	47.0	30.6	45.8#



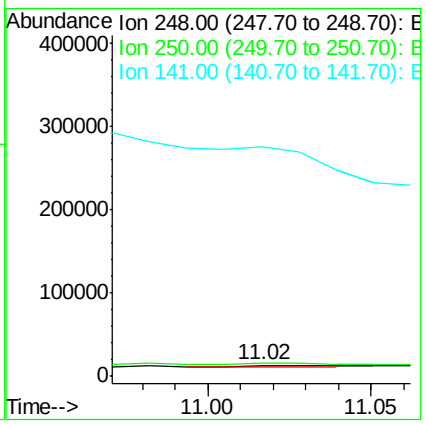


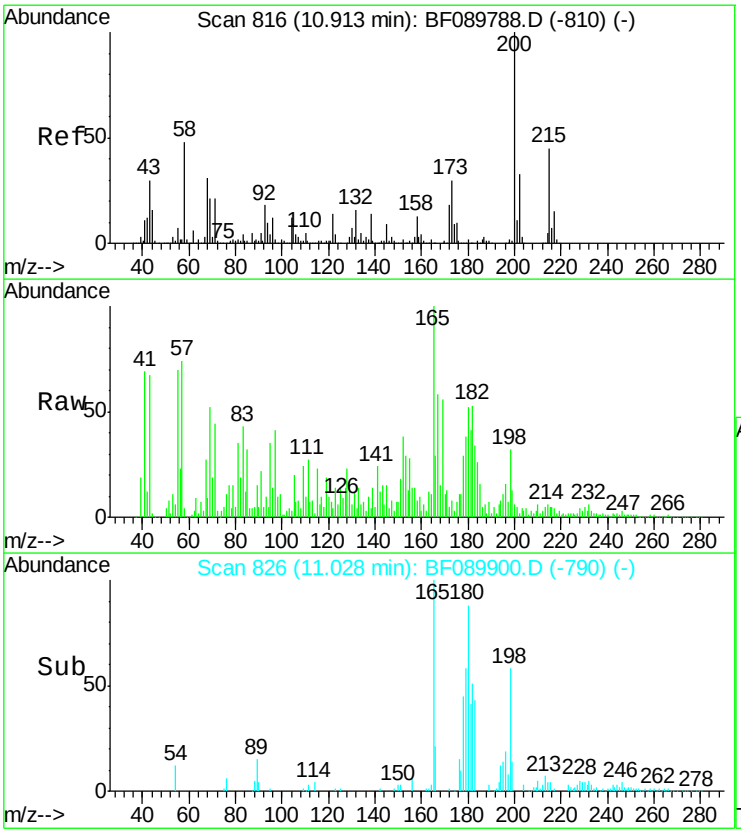
#66
4-Bromophenyl-phenylether
Concen: 6.42 ng
RT: 11.02 min Scan# 825
Delta R.T. 0.26 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:248 Resp: 2940

Ion	Ratio	Lower	Upper
248	100		
250	112.8	78.6	117.8
141	2044.2	31.4	47.2#

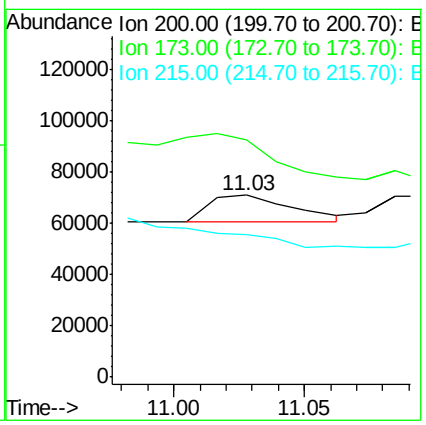


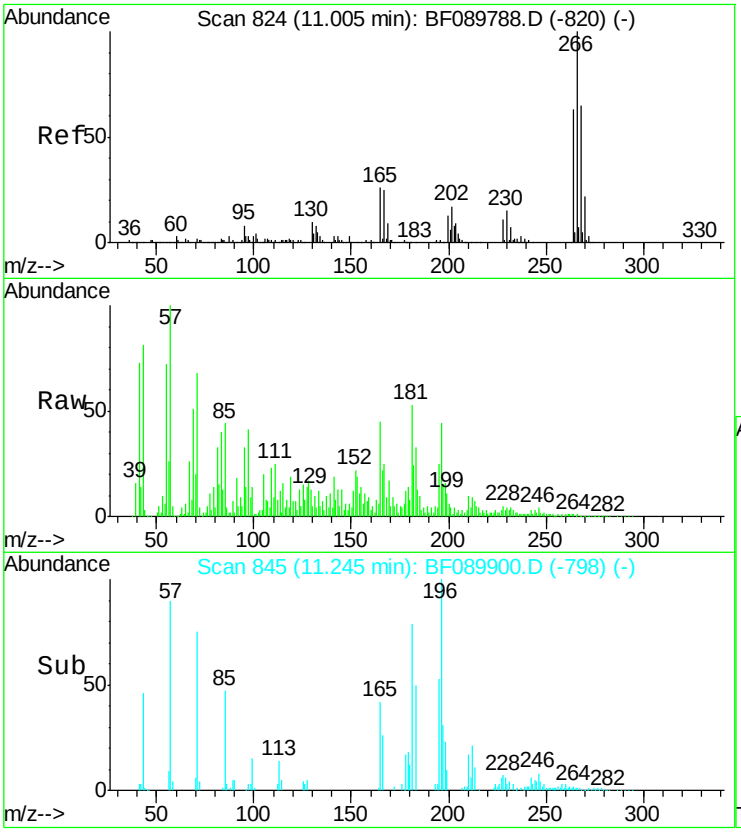


#68
Atrazine
Concen: 56.04 ng
RT: 11.03 min Scan# 826
Delta R.T. 0.11 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:200 Resp: 23575

Ion	Ratio	Lower	Upper
200	100		
173	130.1	6.6	46.6#
215	78.5	24.7	64.7#



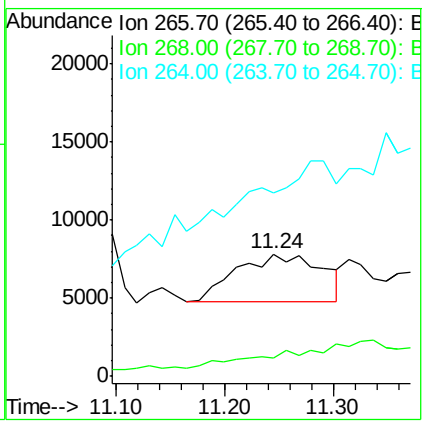


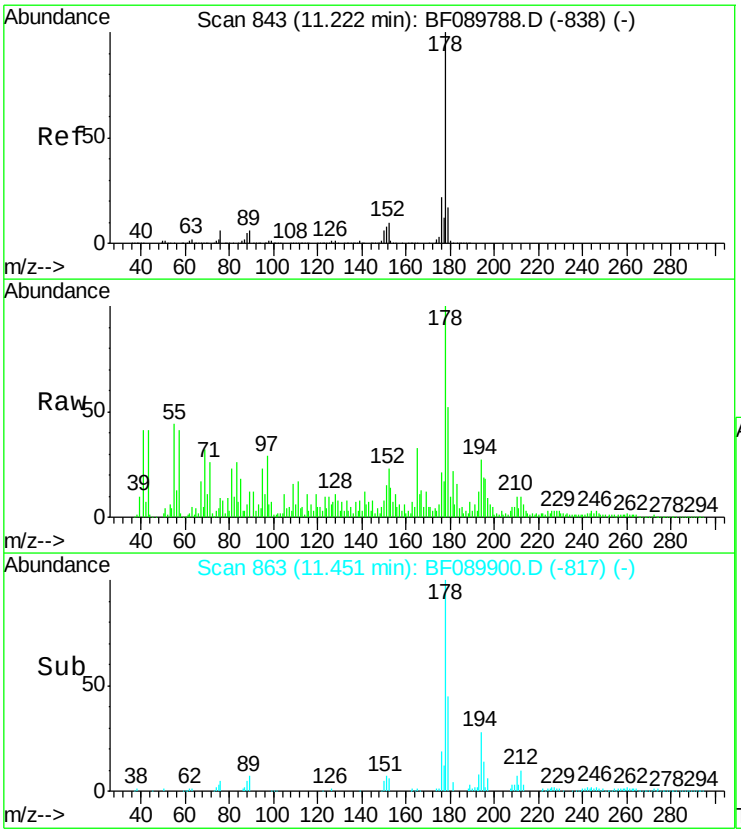
#69
Pentachlorophenol
Concen: 55.64 ng
RT: 11.24 min Scan# 845
Delta R.T. 0.24 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:266 Resp: 16478

Ion	Ratio	Lower	Upper
266	100		
268	15.5	53.2	79.8#
264	150.0	51.1	76.7#

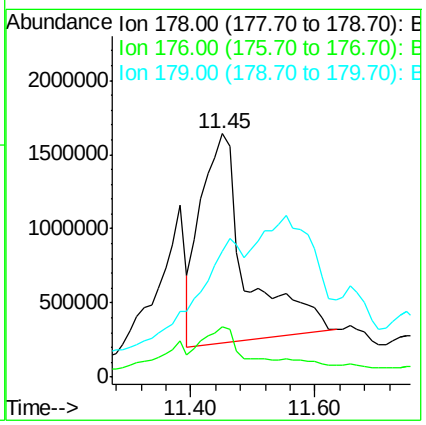


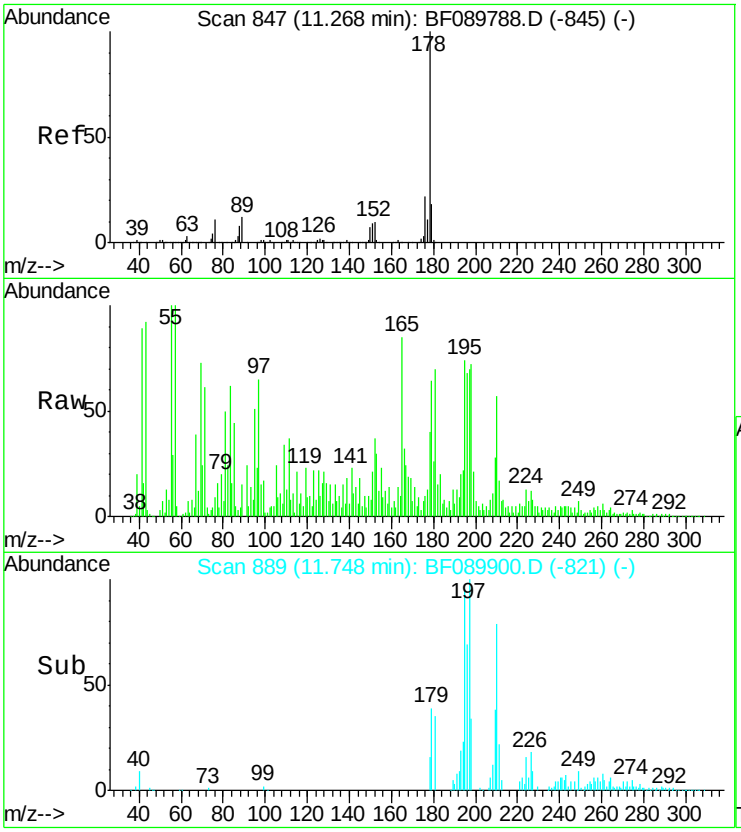


#70
Phenanthrene
Concen: 3267.79 ng
RT: 11.45 min Scan# 863
Delta R.T. 0.23 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:178 Resp: 7210412

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	51.9	12.5	18.7#



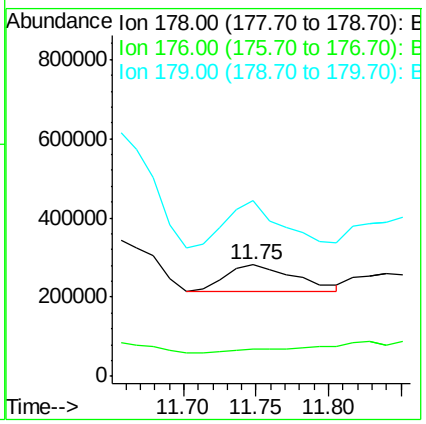


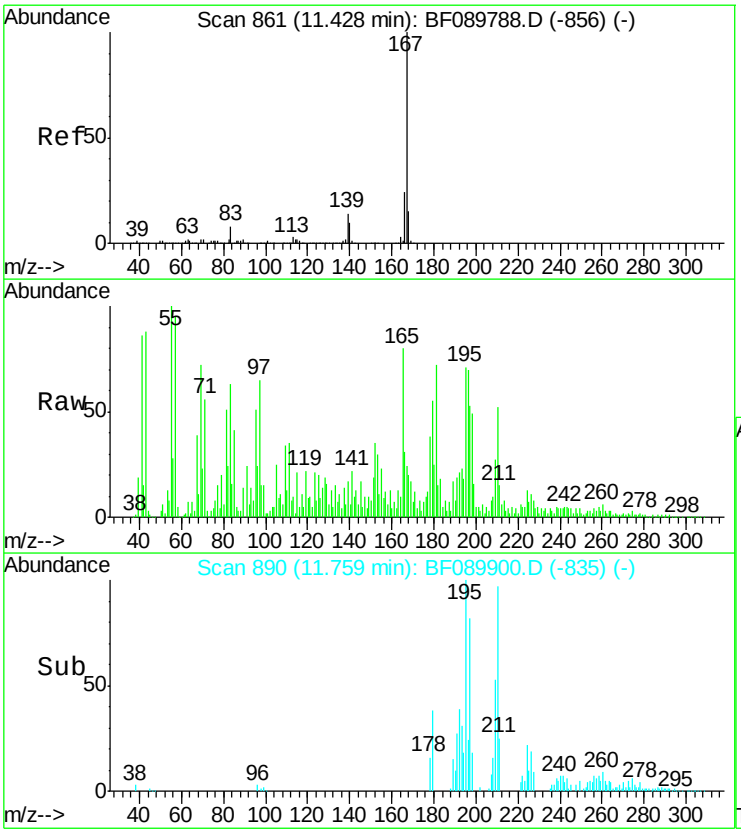
#71
Anthracene
Concen: 97.92 ng
RT: 11.75 min Scan# 889
Delta R.T. 0.48 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:178 Resp: 219624

Ion	Ratio	Lower	Upper
178	100		
176	24.6	16.4	24.6
179	157.4	13.1	19.7#

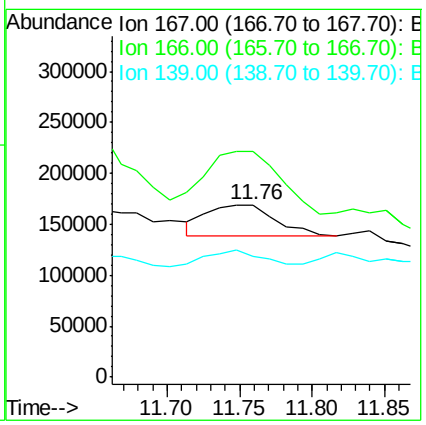


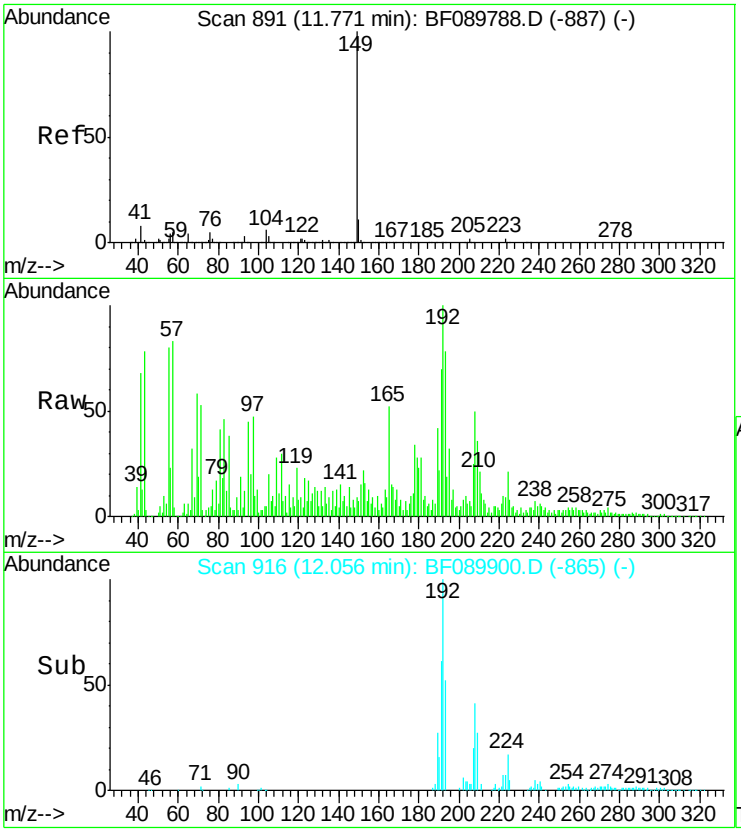


#72
Carbazole
Concen: 49.57 ng
RT: 11.76 min Scan# 890
Delta R.T. 0.33 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:167 Resp: 99718

Ion	Ratio	Lower	Upper
167	100		
166	130.7	17.9	26.9#
139	69.9	12.4	18.6#



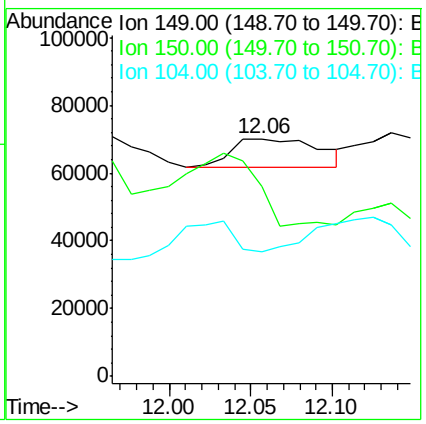


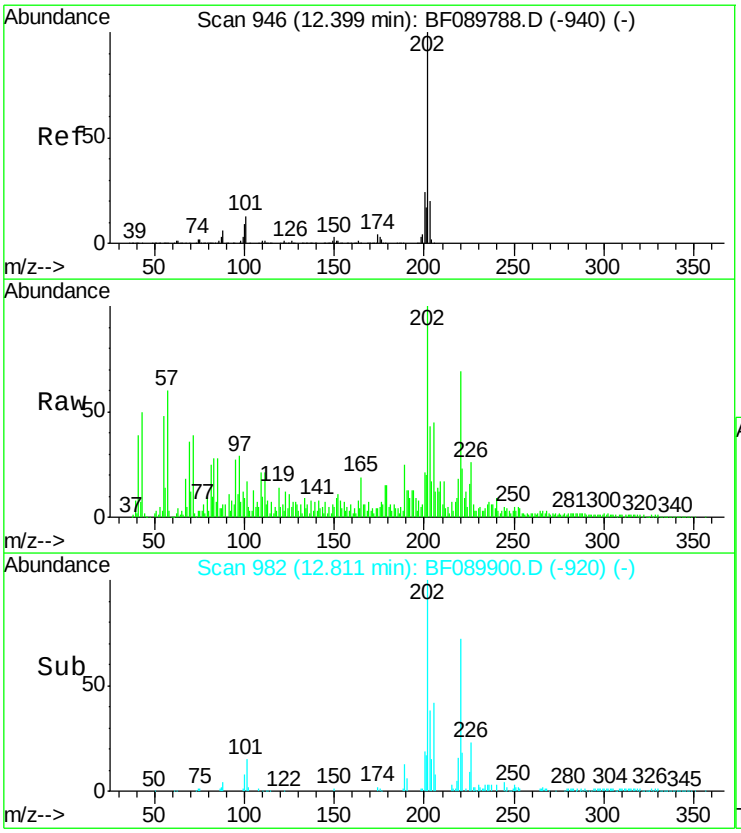
#73
Di-n-butylphthalate
Concen: 12.51 ng
RT: 12.06 min Scan# 916
Delta R.T. 0.29 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:149 Resp: 31501

Ion	Ratio	Lower	Upper
149	100		
150	80.0	7.9	11.9#
104	52.6	4.3	6.5#

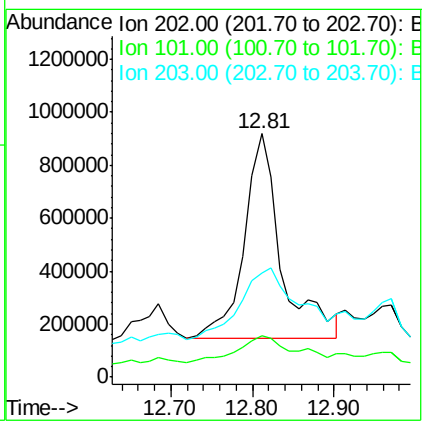


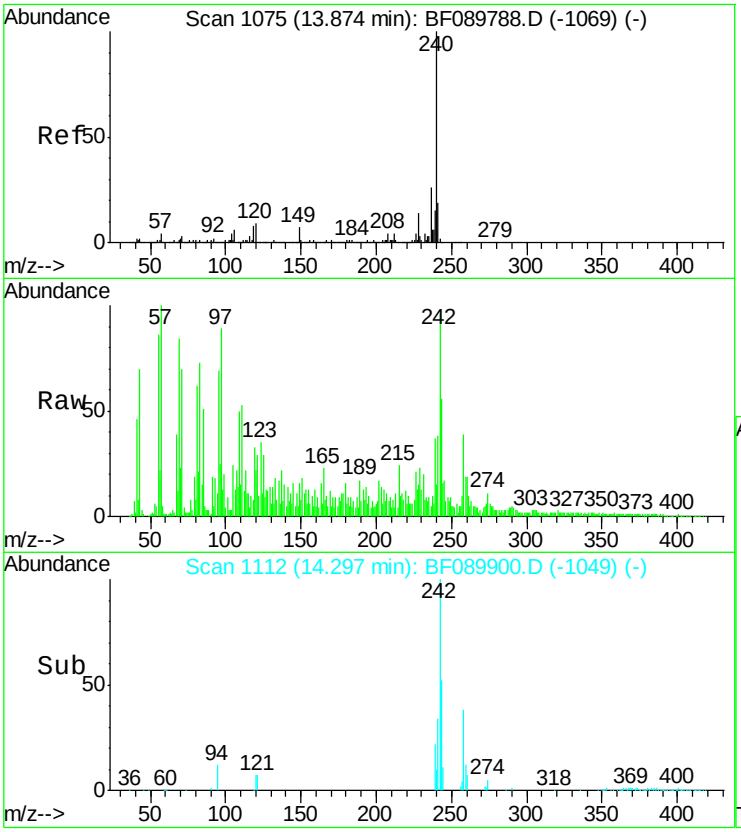


#74
Fluoranthene
Concen: 1174.16 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.41 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:202 Resp: 2464399

Ion	Ratio	Lower	Upper
202	100		
101	17.1	0.0	31.2
203	42.5	0.0	38.1#



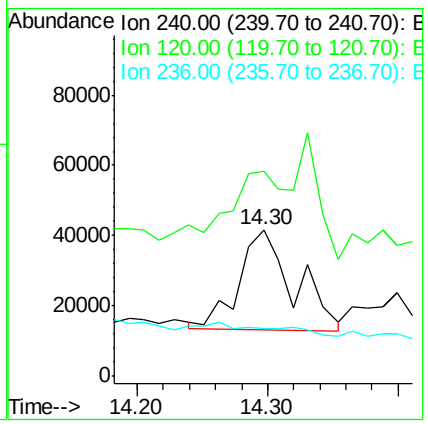


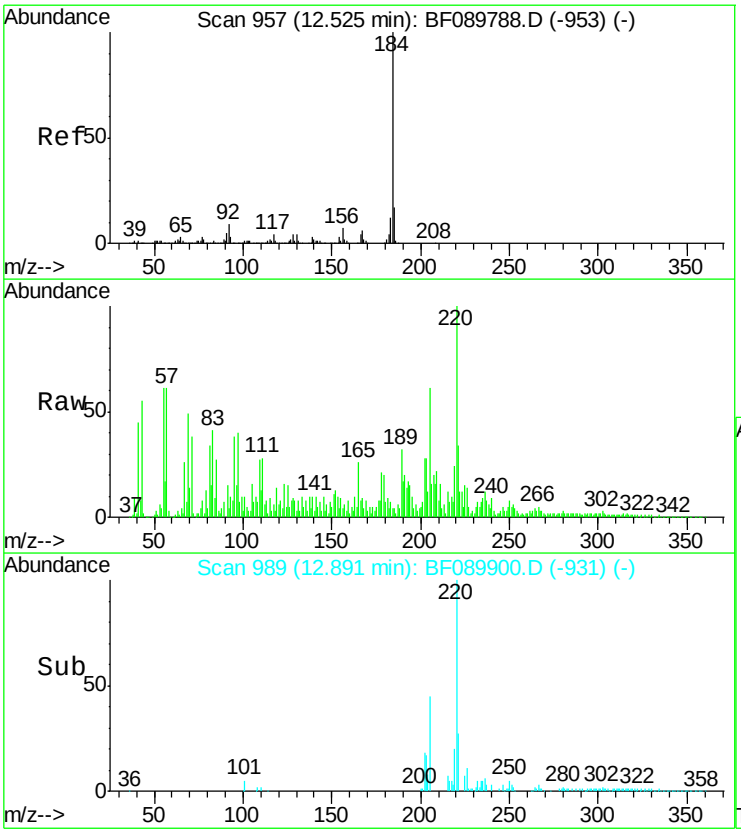
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.30 min Scan# 1112
Delta R.T. 0.42 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:240 Resp: 83681

Ion	Ratio	Lower	Upper
240	100		
120	140.3	8.3	12.5#
236	32.5	21.3	31.9#

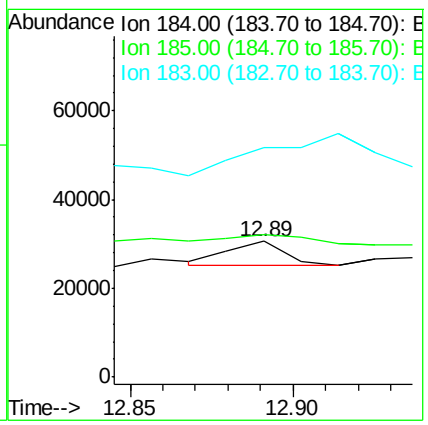


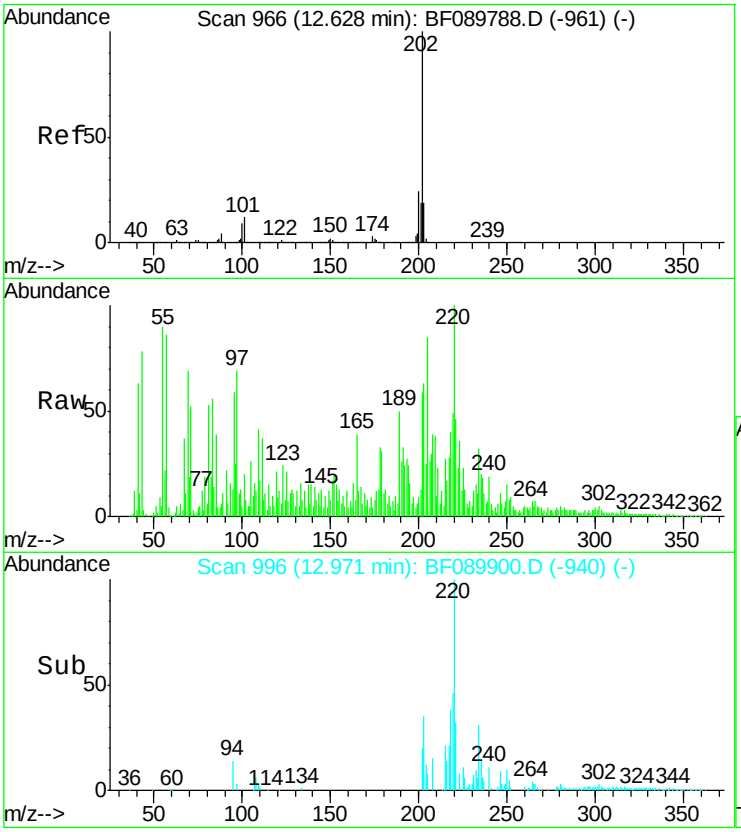


#76
Benzidine
Concen: 2.28 ng
RT: 12.89 min Scan# 989
Delta R.T. 0.37 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:184 Resp: 6168

Ion	Ratio	Lower	Upper
184	100		
185	104.7	13.8	20.8#
183	169.8	9.7	14.5#



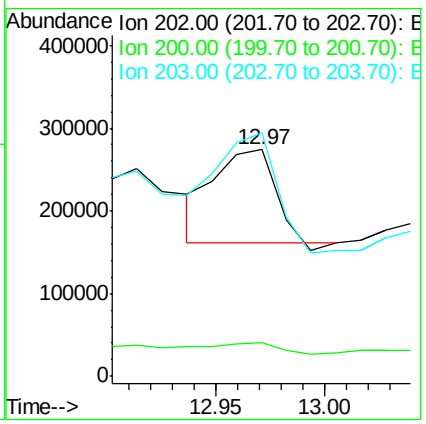


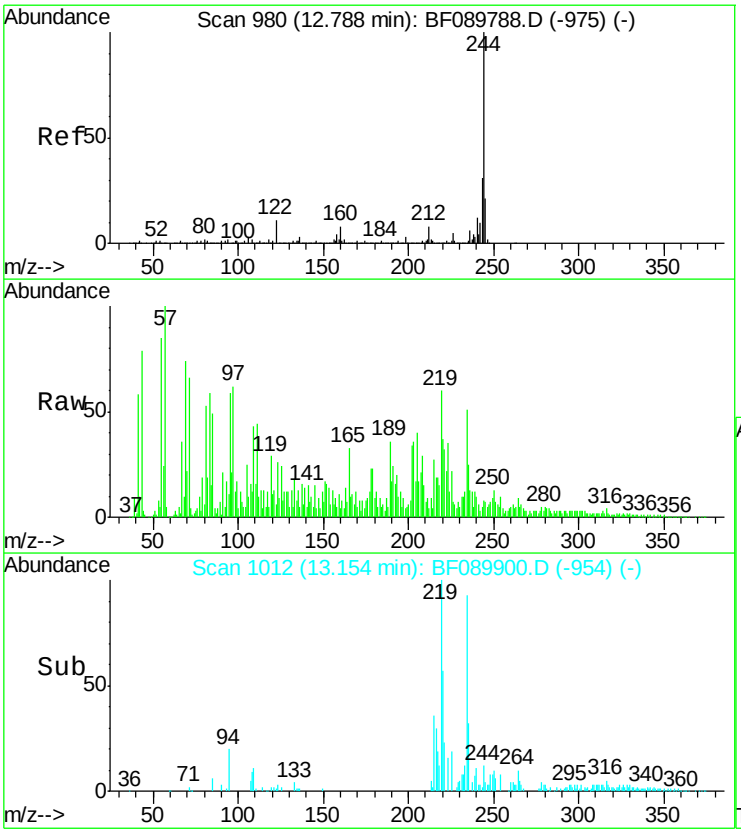
#77
Pyrene
Concen: 31.55 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.34 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:202 Resp: 214990

Ion	Ratio	Lower	Upper
202	100		
200	14.8	17.8	26.6#
203	107.3	14.2	21.4#

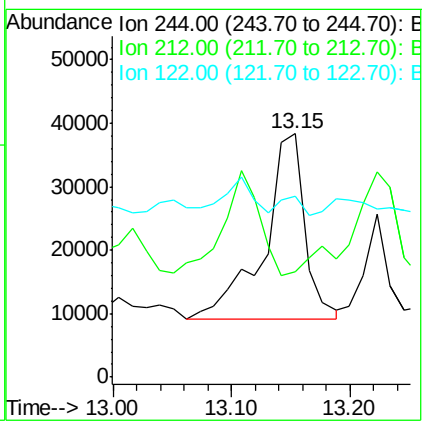


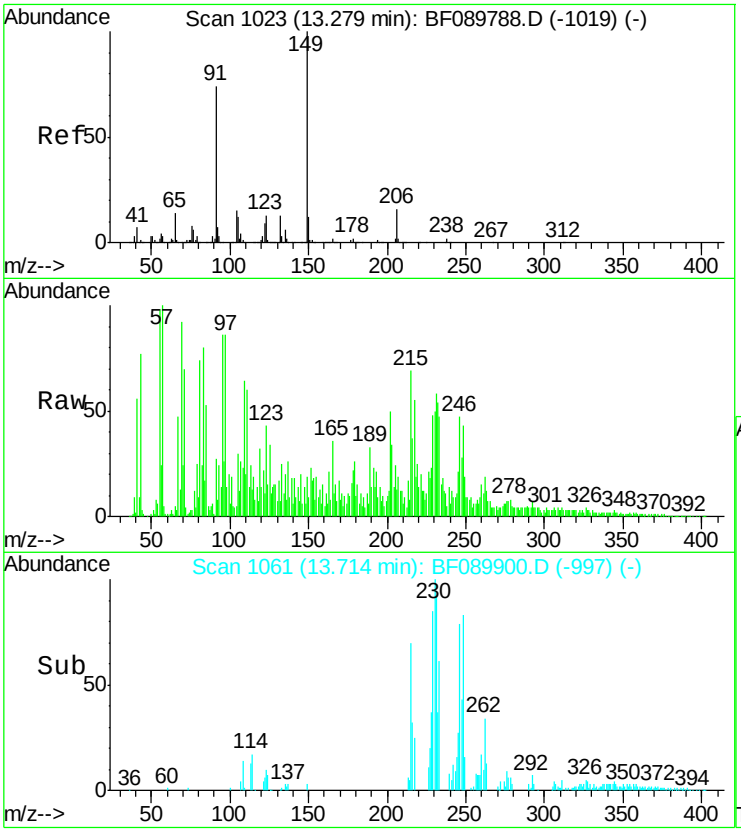


#78
Terphenyl-d14
Concen: 18.89 ng
RT: 13.15 min Scan# 1012
Delta R.T. 0.37 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:244 Resp: 69861

Ion	Ratio	Lower	Upper
244	100		
212	43.2	6.3	9.5#
122	74.4	12.0	18.0#



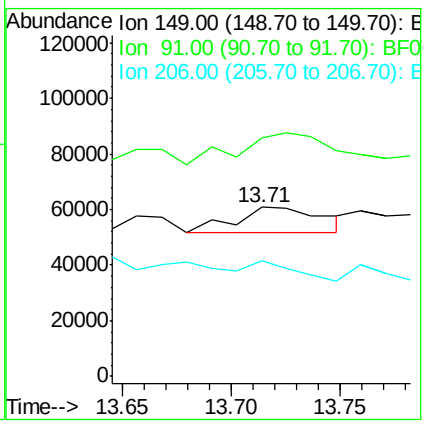


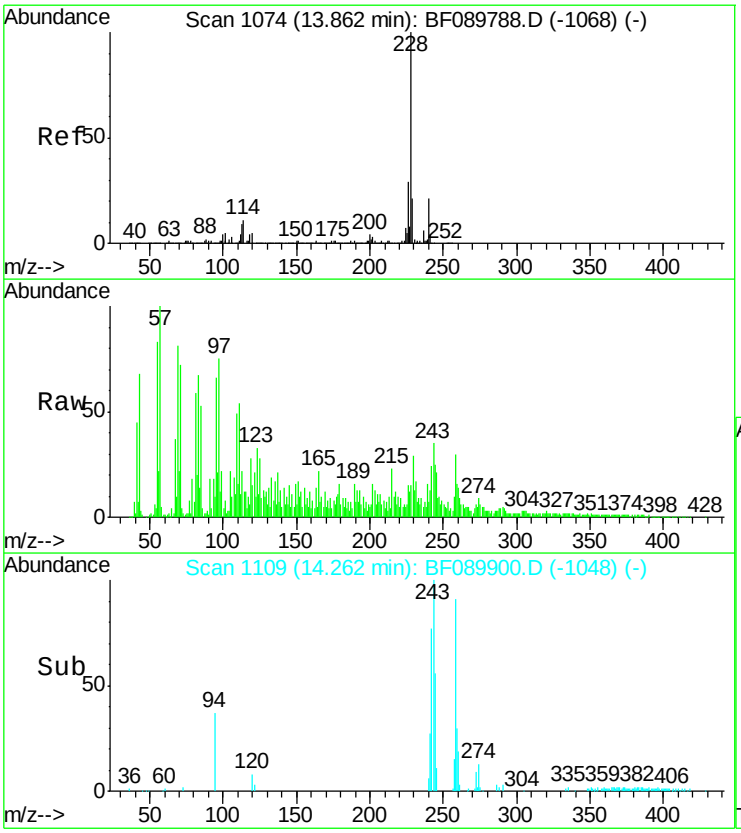
#79
Butylbenzylphthalate
Concen: 8.23 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.43 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:149 Resp: 25331

Ion	Ratio	Lower	Upper
149	100		
91	141.2	50.7	76.1#
206	68.6	15.5	23.3#

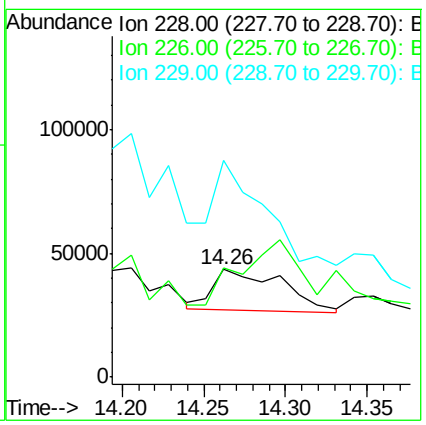


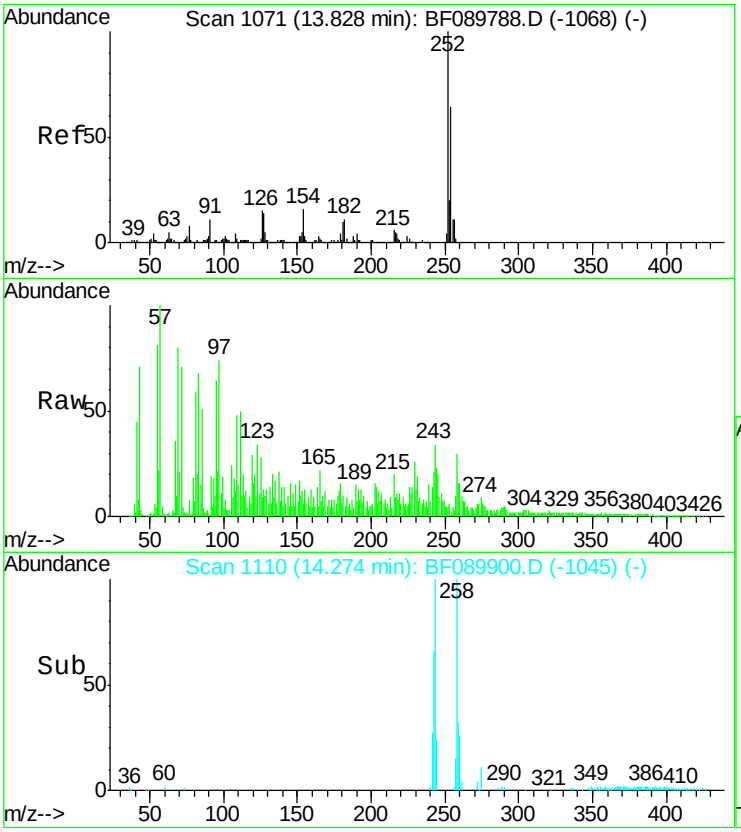


#80
Benzo(a)anthracene
Concen: 10.12 ng
RT: 14.26 min Scan# 1109
Delta R.T. 0.40 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:228 Resp: 48504

Ion	Ratio	Lower	Upper
228	100		
226	102.1	23.2	34.8#
229	201.0	16.2	24.4#



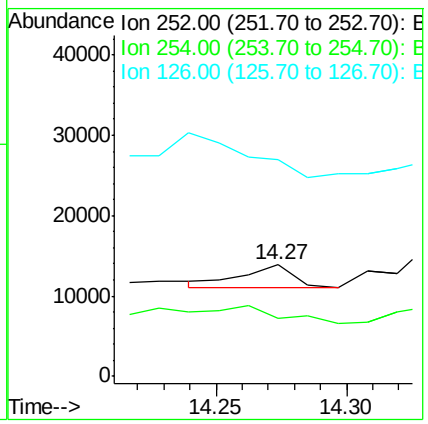


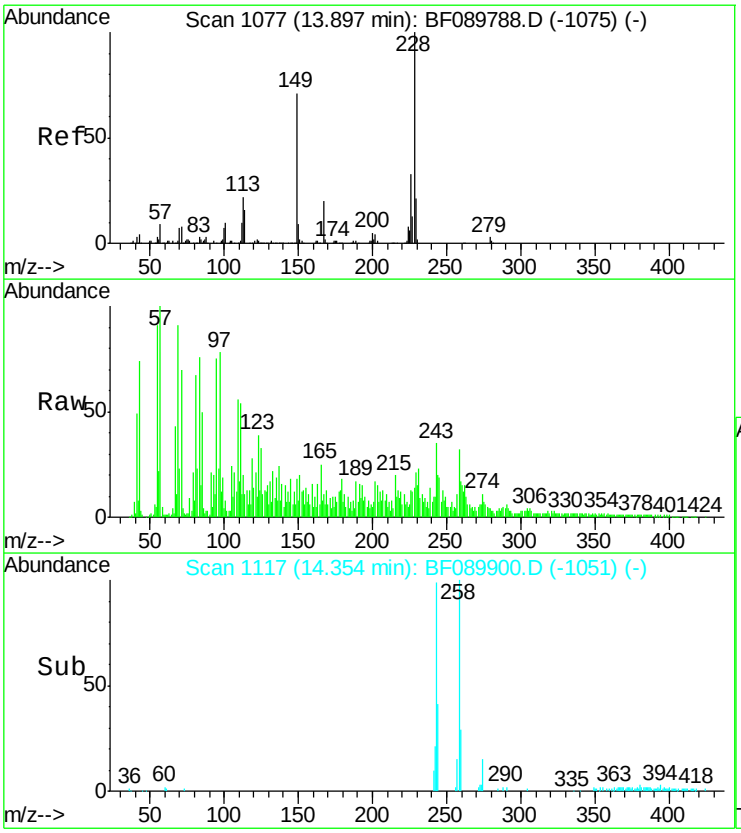
#81
3,3'-Dichlorobenzidine
Concen: 2.42 ng
RT: 14.27 min Scan# 1110
Delta R.T. 0.45 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:252 Resp: 3800

Ion	Ratio	Lower	Upper
252	100		
254	51.6	50.6	75.8
126	194.8	12.6	18.8#

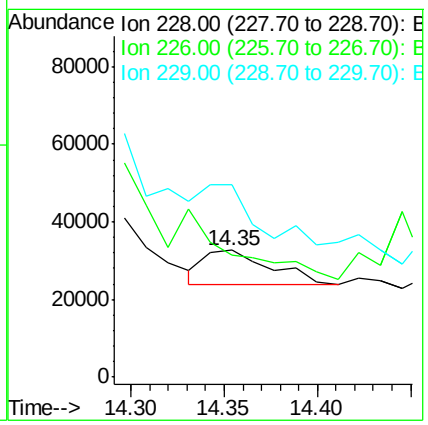


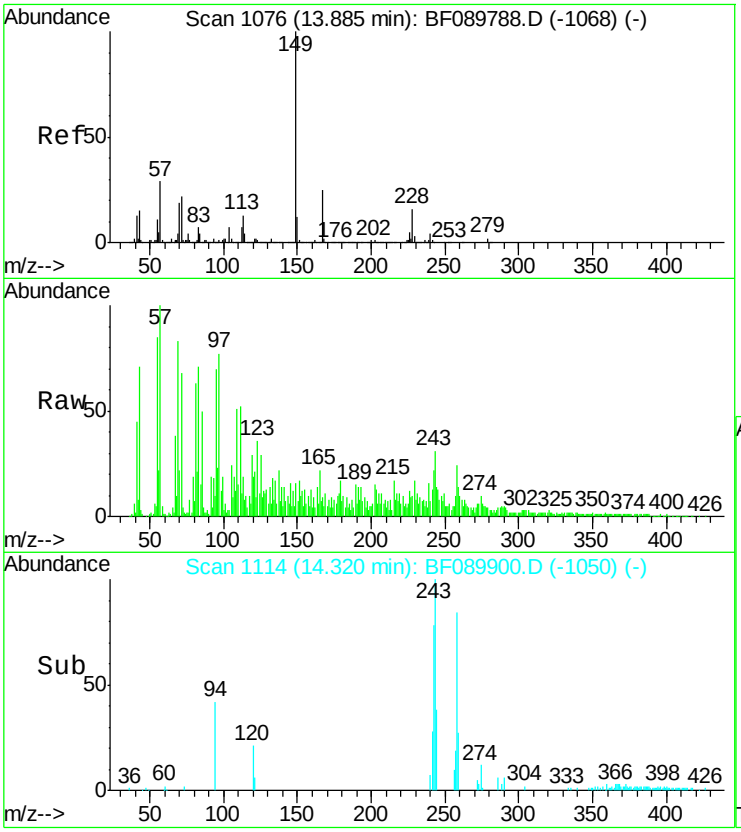


#82
Chrysene
Concen: 5.12 ng
RT: 14.35 min Scan# 1117
Delta R.T. 0.46 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:228 Resp: 21037

Ion	Ratio	Lower	Upper
228	100		
226	96.4	25.4	38.0#
229	151.7	16.5	24.7#



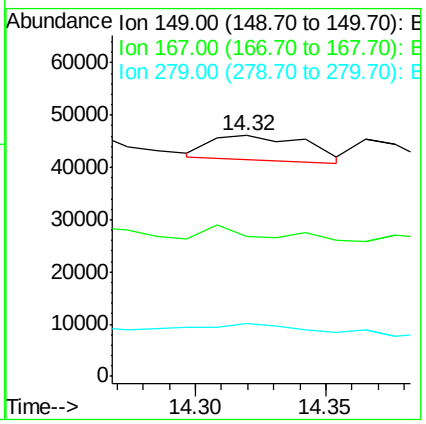


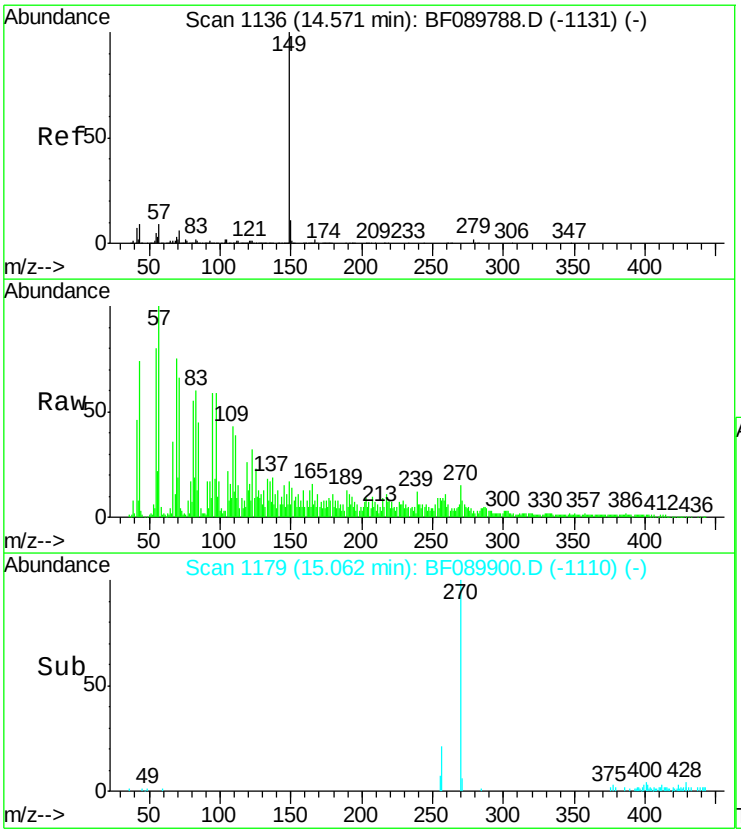
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.80 ng
RT: 14.32 min Scan# 1114
Delta R.T. 0.43 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:149 Resp: 11872

Ion	Ratio	Lower	Upper
149	100		
167	58.0	21.2	31.8#
279	22.0	2.9	4.3#

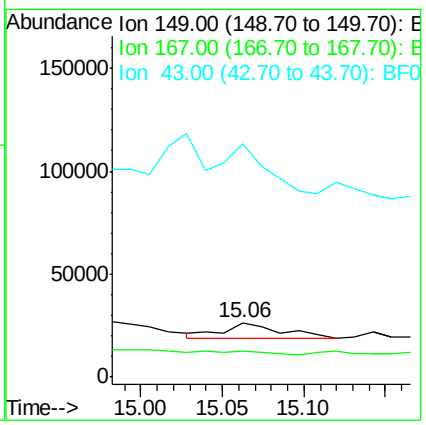


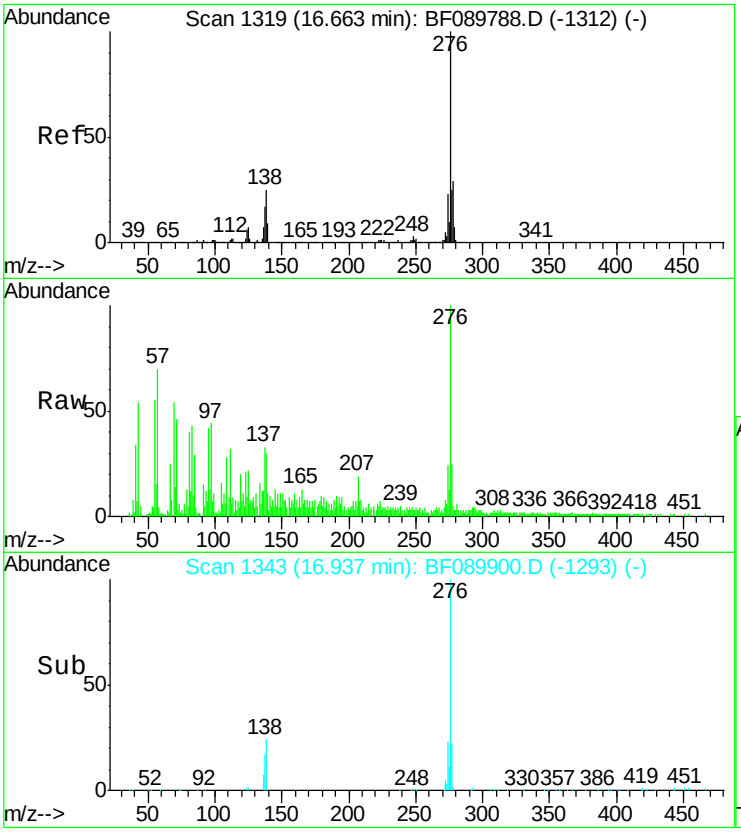


#84
Di-n-octyl phthalate
Concen: 2.99 ng
RT: 15.06 min Scan# 1179
Delta R.T. 0.49 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:149 Resp: 16826

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



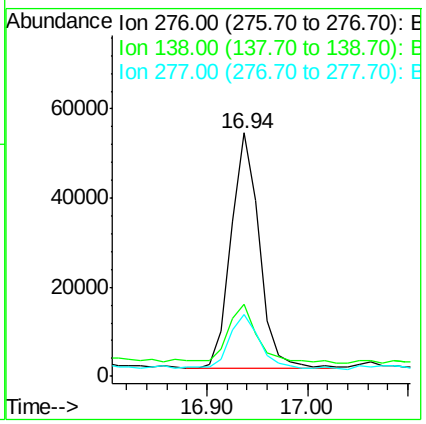


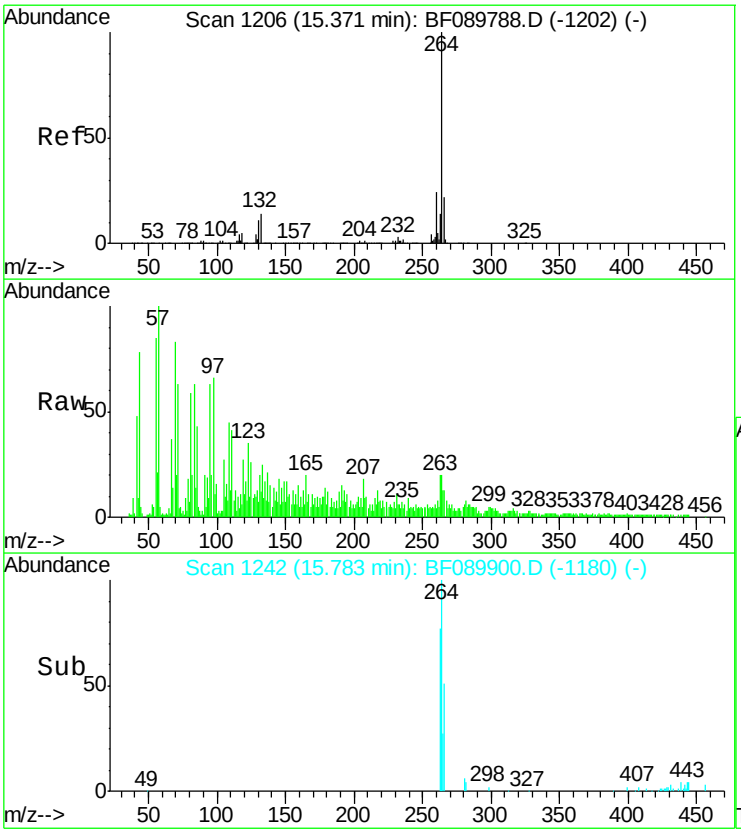
#85
Indeno(1,2,3-cd)pyrene
Concen: 19.66 ng
RT: 16.94 min Scan# 1343
Delta R.T. 0.27 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:276 Resp: 103049

Ion	Ratio	Lower	Upper
276	100		
138	25.8	24.6	36.8
277	23.6	20.4	30.6

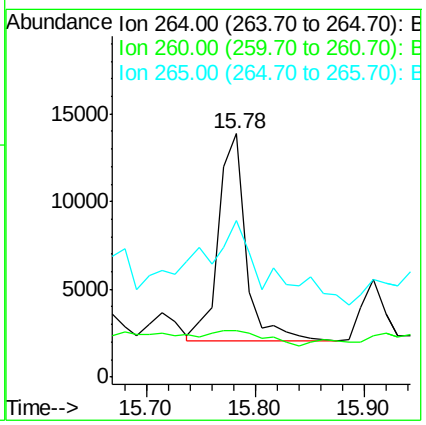


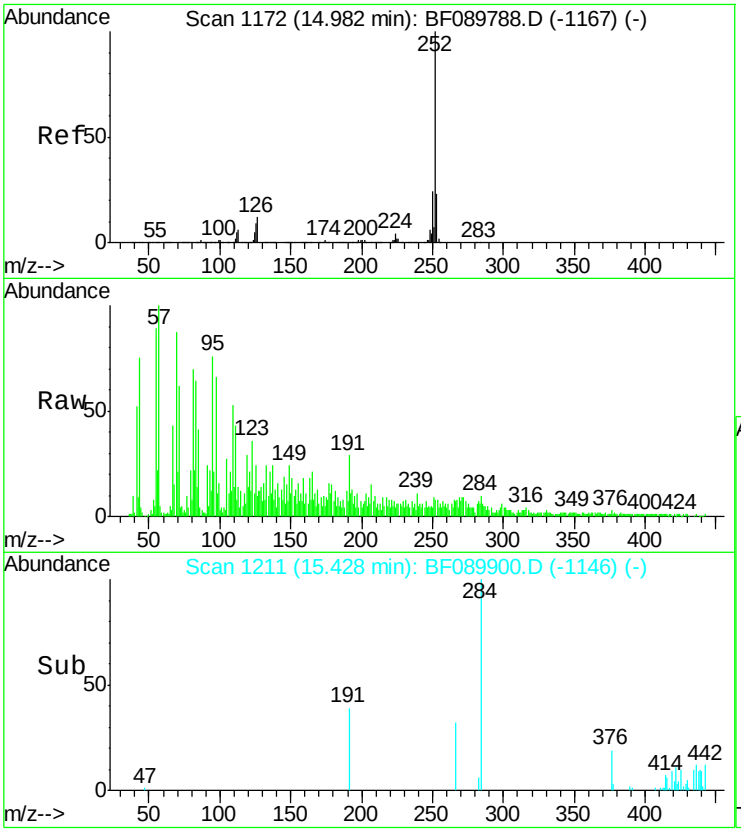


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1242
Delta R.T. 0.41 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:264 Resp: 20467

Ion	Ratio	Lower	Upper
264	100		
260	19.3	20.2	30.2#
265	64.3	17.4	26.2#



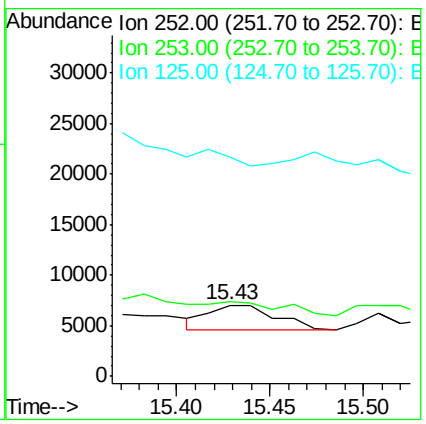


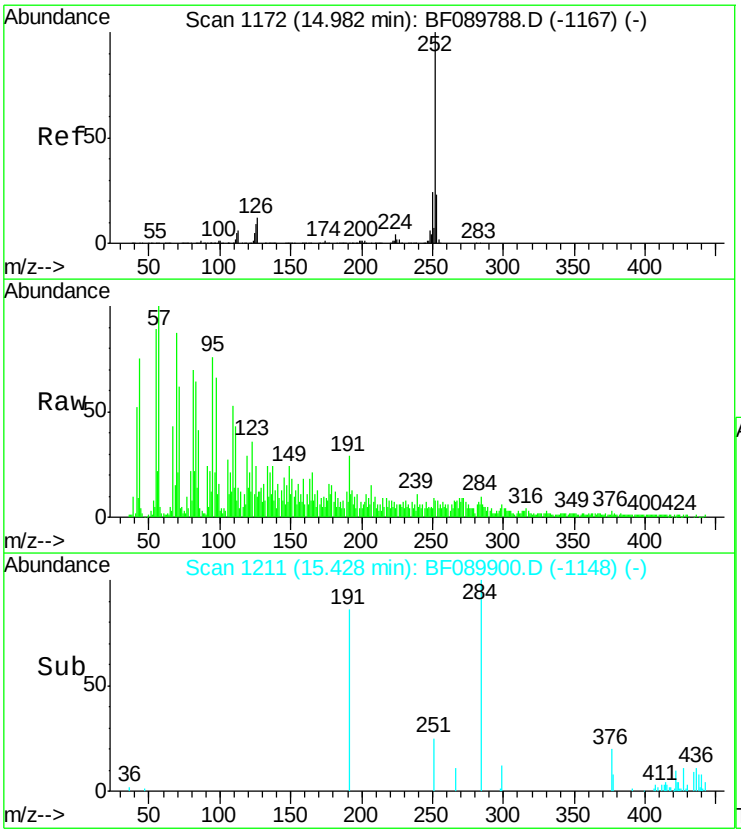
#87
Benzo(b)fluoranthene
Concen: 5.38 ng
RT: 15.43 min Scan# 1211
Delta R.T. 0.45 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:252 Resp: 6055

Ion	Ratio	Lower	Upper
252	100		
253	104.4	17.8	26.8#
125	309.7	11.4	17.2#

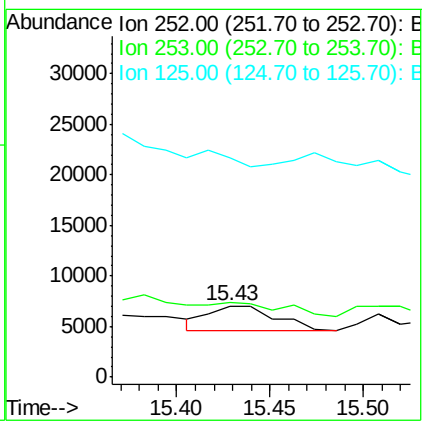


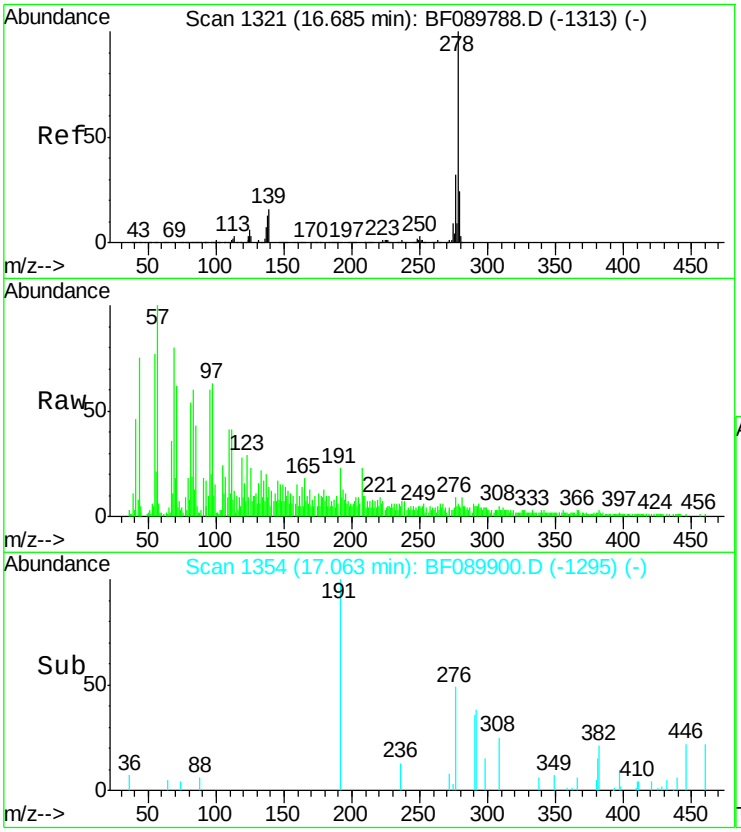


#88
Benzo(k)fluoranthene
Concen: 5.93 ng
RT: 15.43 min Scan# 1211
Delta R.T. 0.42 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Tgt Ion:252 Resp: 6055

Ion	Ratio	Lower	Upper
252	100		
253	104.4	18.4	27.6#
125	309.7	9.8	14.6#





#90
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 17.06 min Scan# 1354
Delta R.T. 0.38 min
Lab File: BF089900.D
Acq: 25 Aug 2016 4:12

Instrument :
BNA_F
ClientSampleId :
SB-21A-(3-5)

Tgt Ion:278 Resp: 2638

Ion	Ratio	Lower	Upper
278	100		
139	242.8	14.9	22.3#
279	93.5	19.2	28.8#