Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089914.D
Acq On : 26 Aug 2016 18:17
Operator : UM/SJ
Sample : PB93122BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 18:45:36 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	6.65	152	292009	20.00	ng		-0.03
21) Naphthalene-d8	7.93	136	1096223	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	550780	20.00	ng		-0.03
63) Phenanthrene-d10	11.15	188	1064790	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	870982	20.00	ng		-0.10
86) Perylene-d12	15.12	264	740580	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1745709	102.52	ng		-0.02
7) Phenol-d6	6.30	99	2372610	113.51	ng		-0.02
23) Nitrobenzene-d5	7.21	82	1188018	67.33	ng		-0.05
41) 2,4,6-Tribromophenol	10.47	330	574774	109.81	ng		-0.03
44) 2-Fluorobiphenyl	9.02	172	2465266	78.67	ng		-0.03
78) Terphenyl-d14	12.74	244	2038350	52.94	ng		-0.04
Target Compounds							Qvalue
3) Pyridine	3.00	79	2702	0.12	ng	#	45
4) n-Nitrosodimethylamine	2.80	42	238	0.03	ng	#	1
6) Aniline	6.31	93	1854	0.07	ng	#	81
8) 2-Chlorophenol	6.43	128	1353	0.07	ng		92
9) Benzaldehyde	6.28	77	2721	0.20	ng	#	4
10) Phenol	6.30	94	786	0.03	ng	#	1
11) bis(2-Chloroethyl)ether	6.41	93	2960	0.16	ng	#	1
12) 1,3-Dichlorobenzene	6.58	146	514	0.02	ng	#	90
13) 1,4-Dichlorobenzene	6.58	146	514	0.02	ng		97
14) 1,2-Dichlorobenzene	6.58	146	514	0.03	ng		98
15) Benzyl Alcohol	6.80	79	19192	1.38	ng	#	51
16) 2,2'-oxybis(1-Chloropropan	6.94	45	729	0.03	ng		69
17) 2-Methylphenol	6.91	107	435	0.03	ng	#	77
19) n-Nitroso-di-n-propylamine	7.21	70	149518	11.18	ng	#	73
20) 3+4-Methylphenols	7.06	107	358	0.02	ng	#	88
22) Acetophenone	7.06	105	918	0.04	ng	#	67
24) Nitrobenzene	7.21	77	3803	0.19	ng	#	36
25) Isophorone	7.21	82	991395	27.86	ng	#	67
27) 2,4-Dimethylphenol	7.60	122	706	0.04	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	574	0.03	ng	#	83
29) 2,4-Dichlorophenol	7.79	162	363	0.02	ng	#	60
30) 1,2,4-Trichlorobenzene	7.87	180	328	0.02	ng	#	61
31) Naphthalene	7.95	128	2030	0.04	ng		97
32) Benzoic acid	7.63	122	2264	0.16	ng		95
33) 4-Chloroaniline	8.01	127	1457	0.07	ng	#	85
34) Hexachlorobutadiene	8.08	225	288	0.03	ng	#	19
35) Caprolactam	8.33	113	696	0.15	ng	#	89
36) 4-Chloro-3-methylphenol	8.49	107	581	0.04	ng	#	80
37) 2-Methylnaphthalene	8.74	142	1158	0.03	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	566	0.03	ng	#	80
42) 2,4,6-Trichlorophenol	8.92	196	388	0.03	ng	#	85
43) 2,4,5-Trichlorophenol	8.96	196	338	0.03	ng	#	60
45) 1,1'-Biphenyl	9.11	154	1610	0.04	ng		93
46) 2-Chloronaphthalene	9.13	162	1247	0.04	ng	#	87

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089914.D
Acq On : 26 Aug 2016 18:17
Operator : UM/SJ
Sample : PB93122BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 26 18:45:36 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)
47) 2-Nitroaniline	9.22	65	225	0.02	ng	#	64
48) Acenaphthylene	9.54	152	1933	0.04	ng	#	82
50) 2,6-Dinitrotoluene	9.68	165	72304	8.08	ng	#	26
51) Acenaphthene	9.68	154	3442	0.10	ng	#	4
54) Dibenzofuran	9.88	168	1973	0.05	ng	#	81
55) 4-Nitrophenol	9.88	139	616	0.08	ng	#	15
56) 2,4-Dinitrotoluene	9.68	165	72304	6.22	ng	#	35
57) Fluorene	10.22	166	1731	0.05	ng	#	92
58) 2,3,4,6-Tetrachlorophenol	10.00	232	356	0.04	ng	#	33
59) Diethylphthalate	10.11	149	1922	0.05	ng	#	72
60) 4-Chlorophenyl-phenylether	10.23	204	740	0.05	ng	#	66
62) Azobenzene	10.38	77	1411	0.04	ng	#	62
64) 4,6-Dinitro-2-methylphenol	10.47	198	1292	0.21	ng	#	33
65) n-Nitrosodiphenylamine	10.34	169	1289	0.04	ng	#	85
66) 4-Bromophenyl-phenylether	10.47	248	32942	2.95	ng	#	1
67) Hexachlorobenzene	10.76	284	427	0.03	ng	#	50
68) Atrazine	10.87	200	270	0.03	ng	#	38
69) Pentachlorophenol	10.96	266	435	0.06	ng	#	17
70) Phenanthrene	11.18	178	3132	0.06	ng		97
71) Anthracene	11.22	178	2614	0.05	ng		97
72) Carbazole	11.38	167	2192	0.04	ng		94
73) Di-n-butylphthalate	11.73	149	5472	0.09	ng	#	93
74) Fluoranthene	12.35	202	2219	0.04	ng		64
76) Benzidine	12.48	184	15426	0.55	ng		97
77) Pyrene	12.57	202	2410	0.03	ng	#	91
79) Butylbenzylphthalate	13.22	149	716	0.02	ng	#	87
80) Benzo(a)anthracene	13.79	228	6863	0.14	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	701	0.04	ng	#	68
82) Chrysene	13.79	228	6863	0.16	ng		95
83) Bis(2-ethylhexyl)phthalate	13.78	149	1484	0.03	ng	#	82
84) Di-n-octyl phthalate	14.39	149	1739	0.03	ng	#	53
85) Indeno(1,2,3-cd)pyrene	16.72	276	1712	0.03	ng	#	46
87) Benzo(b)fluoranthene	14.75	252	4145	0.10	ng		99
88) Benzo(k)fluoranthene	14.75	252	4145	0.11	ng		96
89) Benzo(a)pyrene	15.06	252	1595	0.04	ng	#	84
90) Dibenzo(a,h)anthracene	16.37	278	989	0.02	ng	#	54
91) Benzo(g,h,i)perylene	16.72	276	1712	0.04	ng	#	49

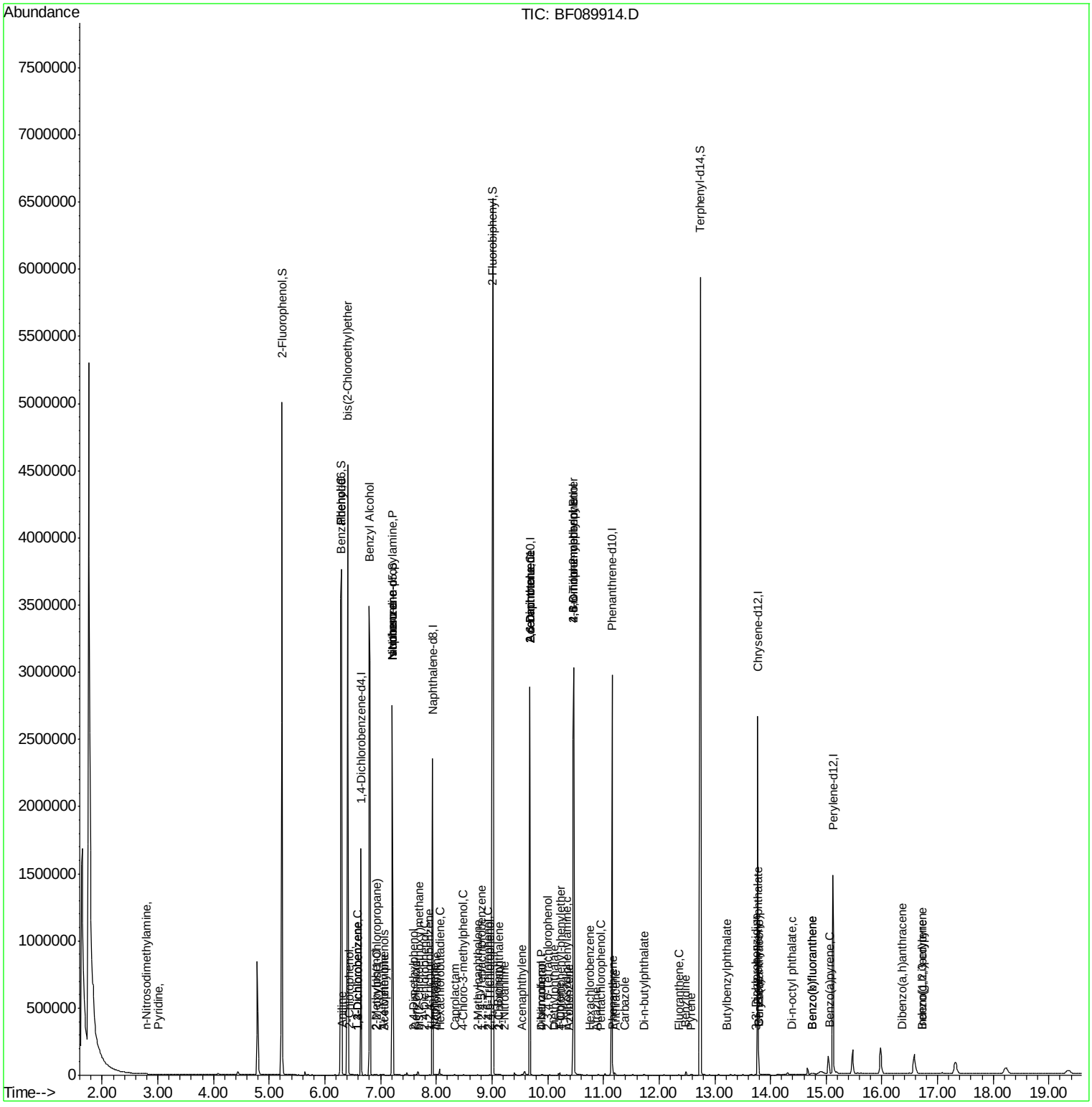
(#) = qualifier out of range (m) = manual integration (+) = signals summed

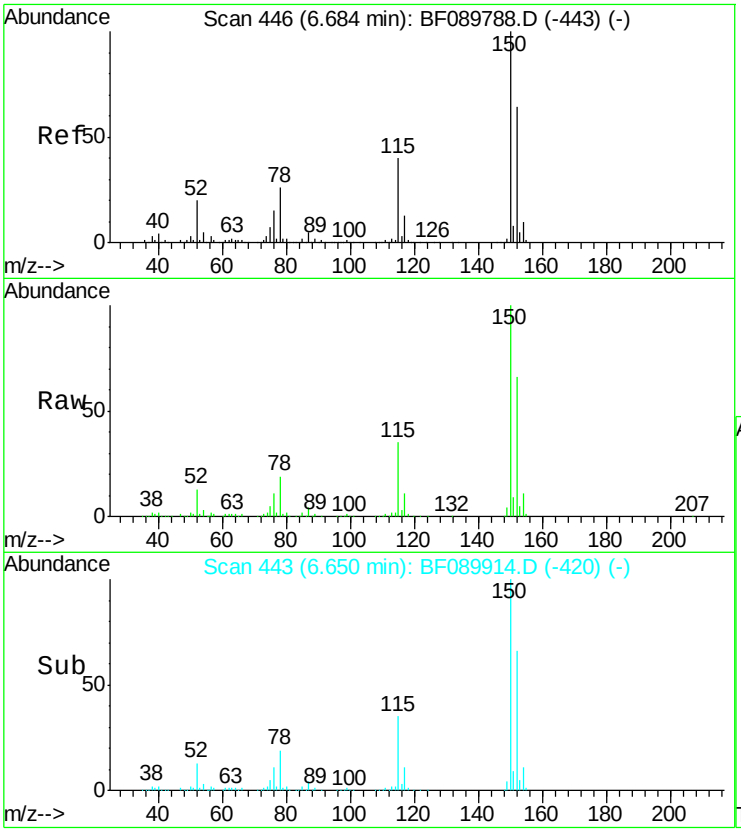
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082616\
Data File : BF089914.D
Acq On : 26 Aug 2016 18:17
Operator : UM/SJ
Sample : PB93122BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 26 18:45:36 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



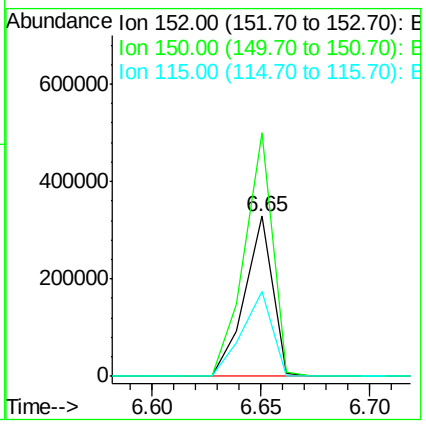


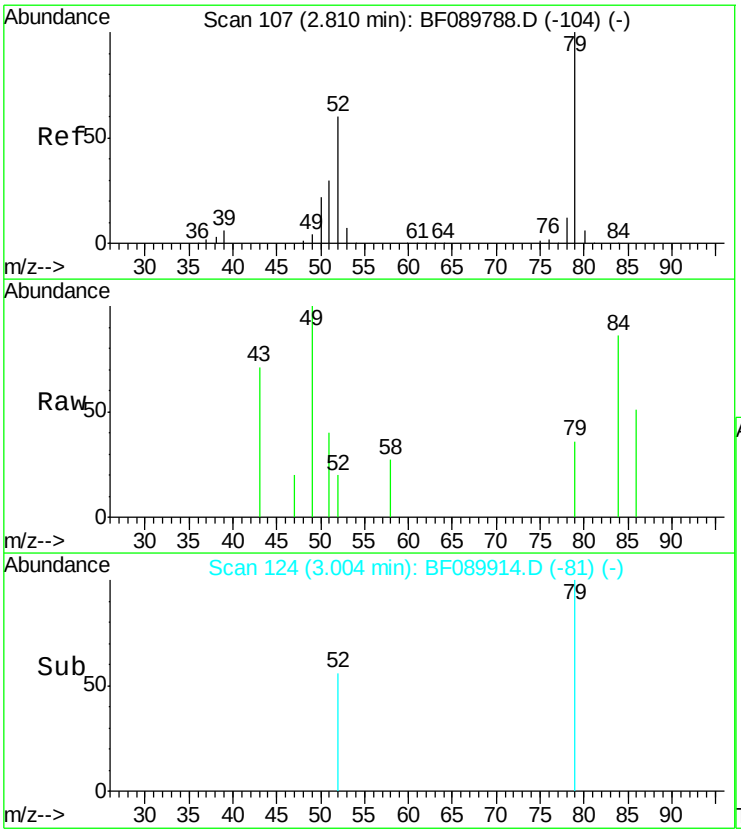
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 292009

Ion	Ratio	Lower	Upper
152	100		
150	152.3	125.3	187.9
115	52.8	40.9	61.3

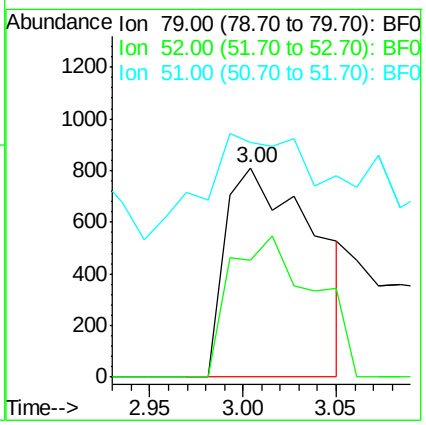


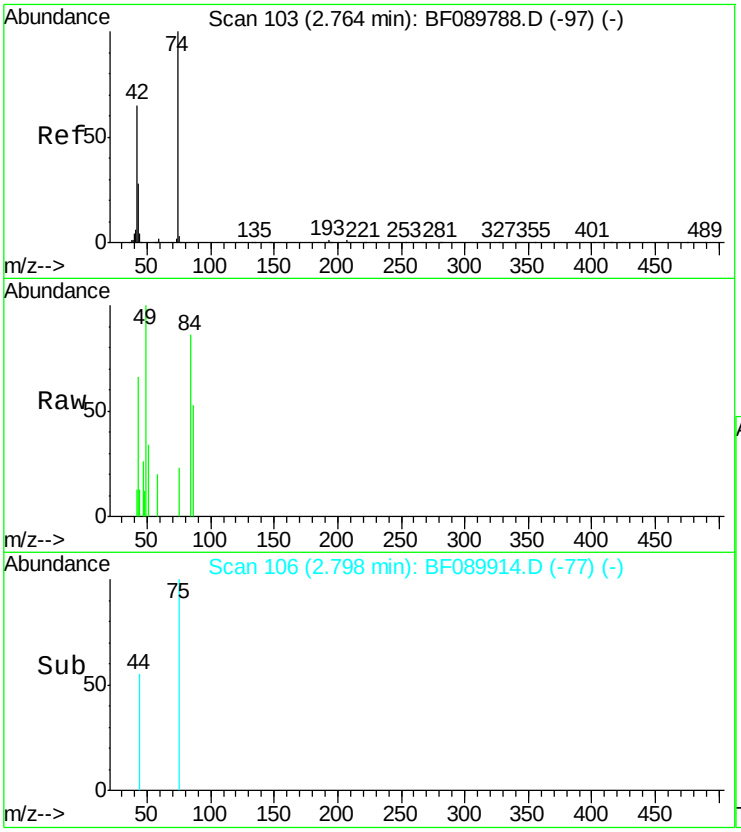


#3
Pyridine
Concen: 0.12 ng
RT: 3.00 min Scan# 124
Delta R.T. 0.19 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 79 Resp: 2702

Ion	Ratio	Lower	Upper
79	100		
52	55.9	53.6	80.4
51	111.8	26.6	39.8#



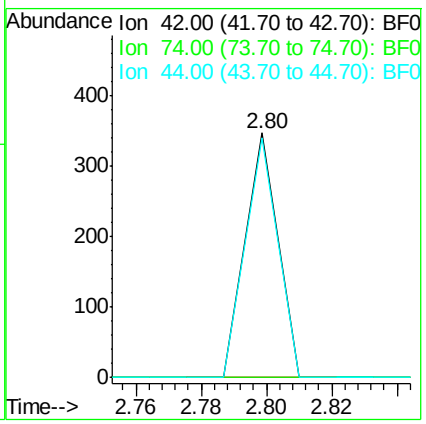


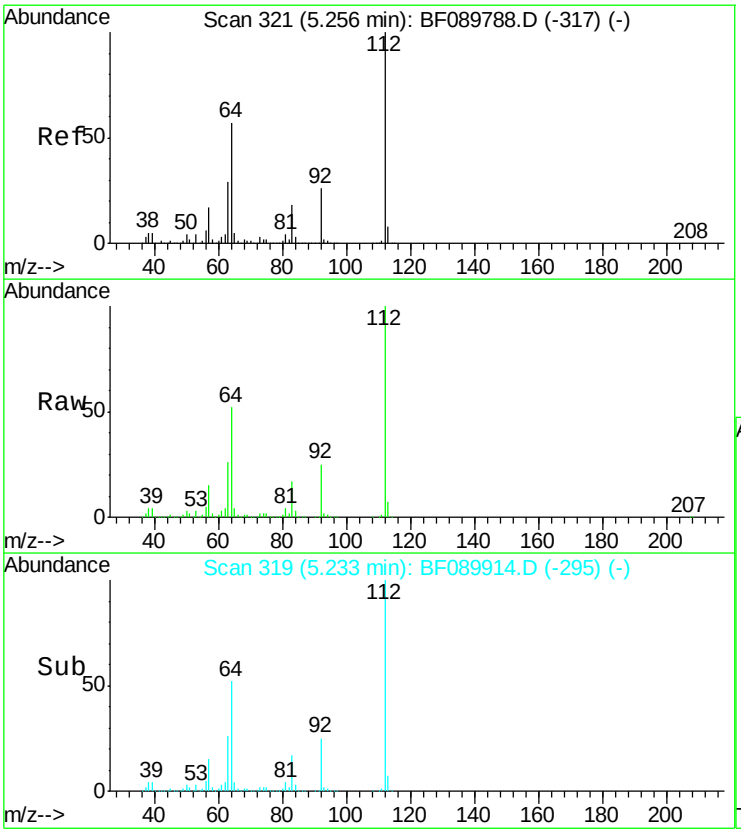
#4
n-Nitrosodimethylamine
Concen: 0.03 ng
RT: 2.80 min Scan# 106
Delta R.T. 0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 238

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.2	159.2#
44	98.3	6.9	10.3#

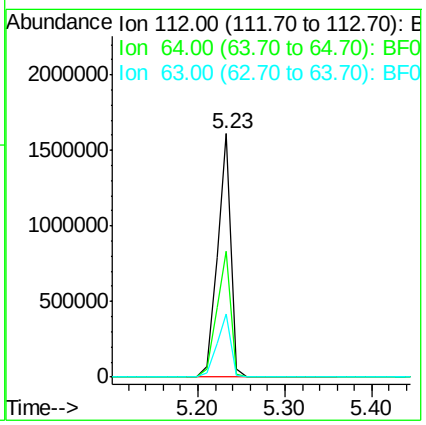


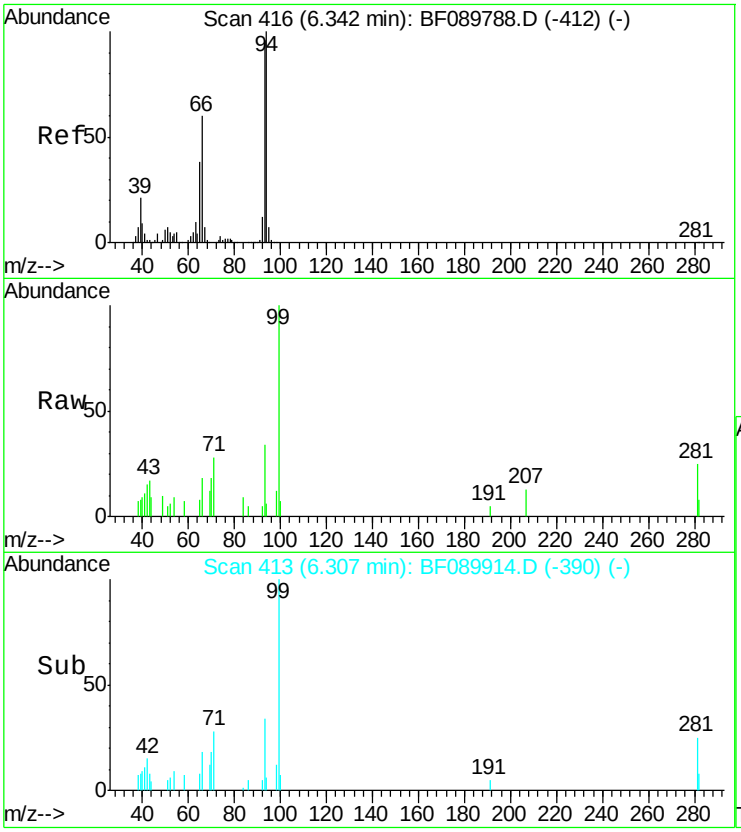


#5
2-Fluorophenol
Concen: 102.52 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.02 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:112 Resp: 1745709

Ion	Ratio	Lower	Upper
112	100		
64	51.8	45.0	67.4
63	25.9	23.1	34.7



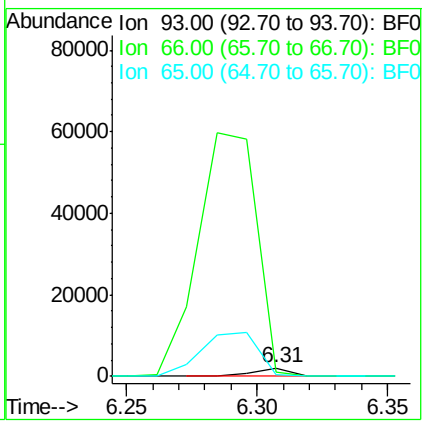


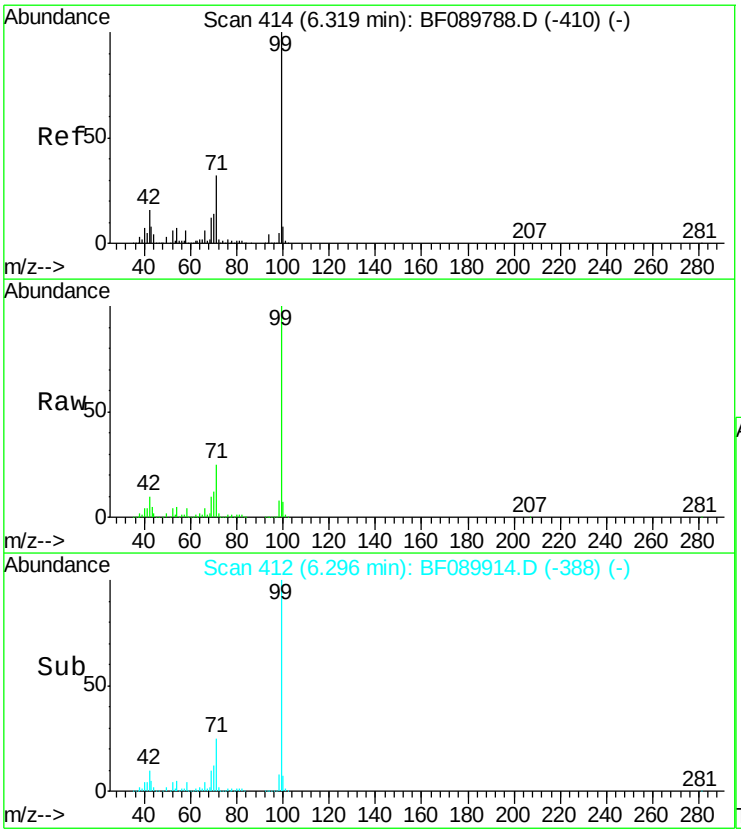
#6
Aniline
Concen: 0.07 ng
RT: 6.31 min Scan# 413
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 1854

Ion	Ratio	Lower	Upper
93	100		
66	53.1	30.6	46.0#
65	22.7	15.4	23.2

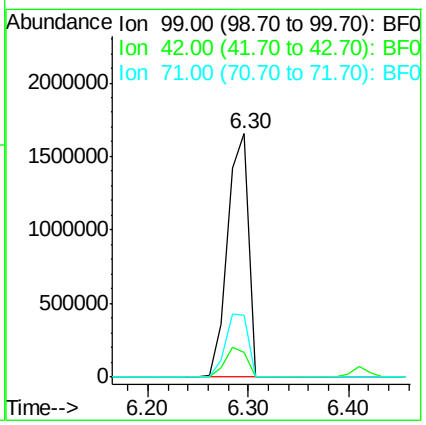


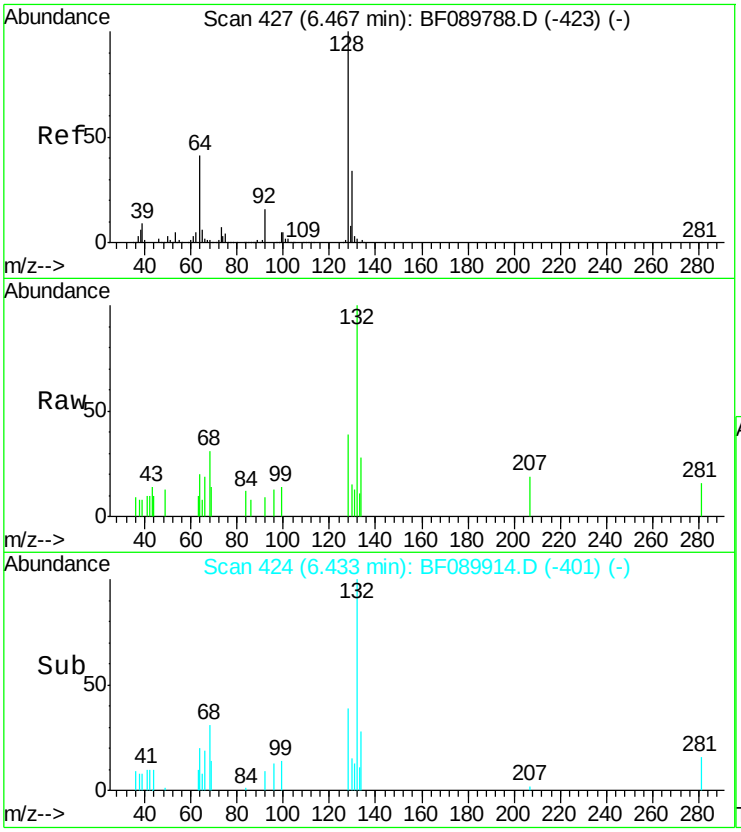


#7
Phenol-d6
Concen: 113.51 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 99 Resp: 2372610

Ion	Ratio	Lower	Upper
99	100		
42	10.2	12.2	18.4#
71	25.5	23.8	35.8



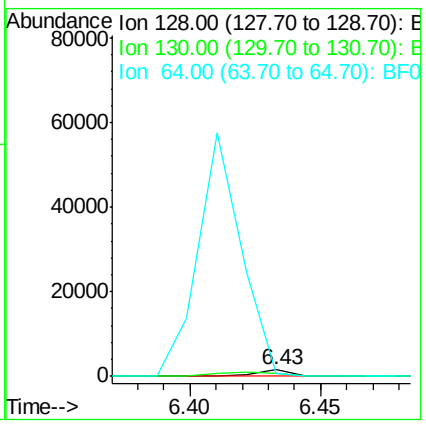


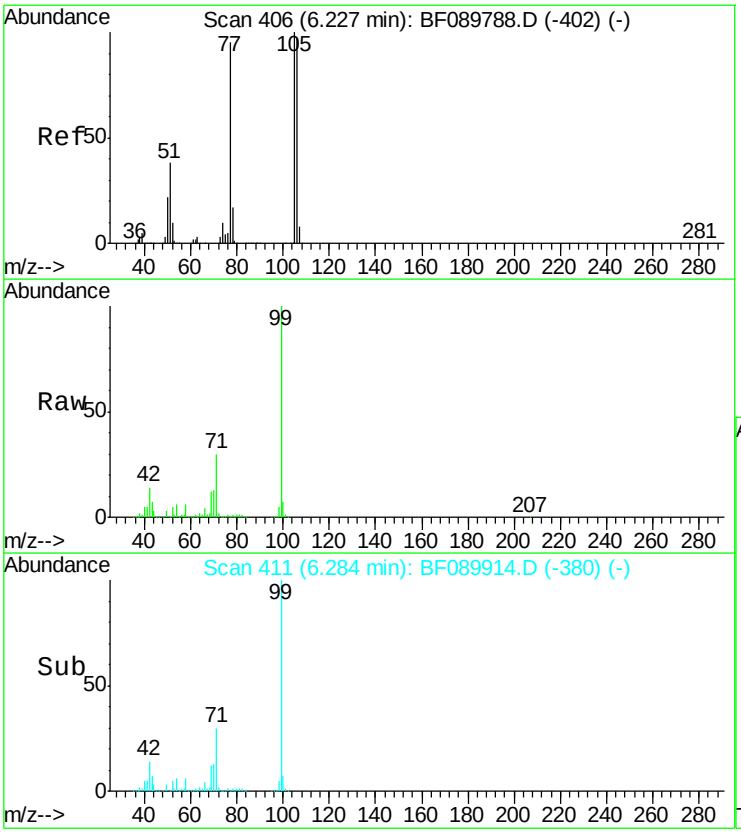
#8
2-Chlorophenol
Concen: 0.07 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:128 Resp: 1353

Ion	Ratio	Lower	Upper
128	100		
130	38.5	12.0	52.0
64	51.1	35.1	75.1

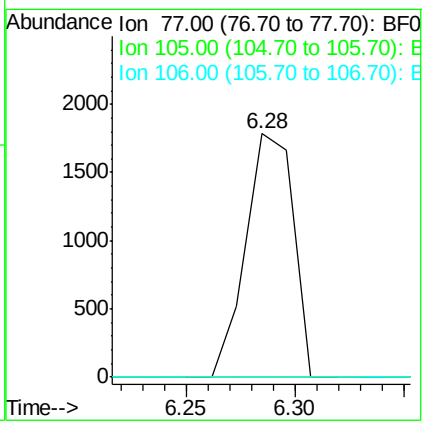


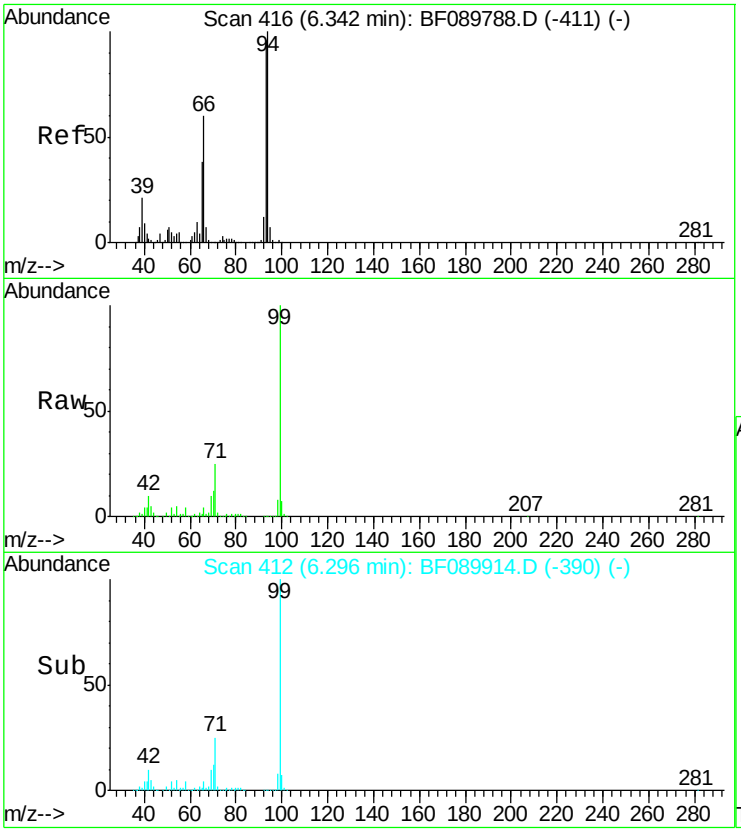


#9
Benzaldehyde
Concen: 0.20 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 77 Resp: 2721

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



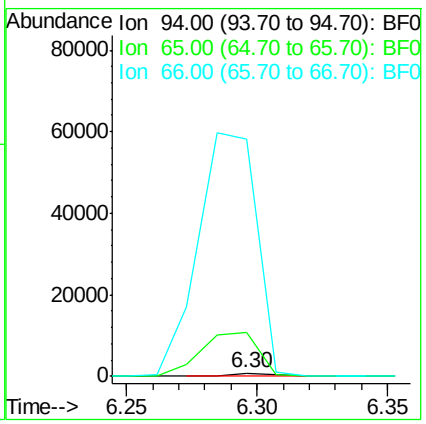


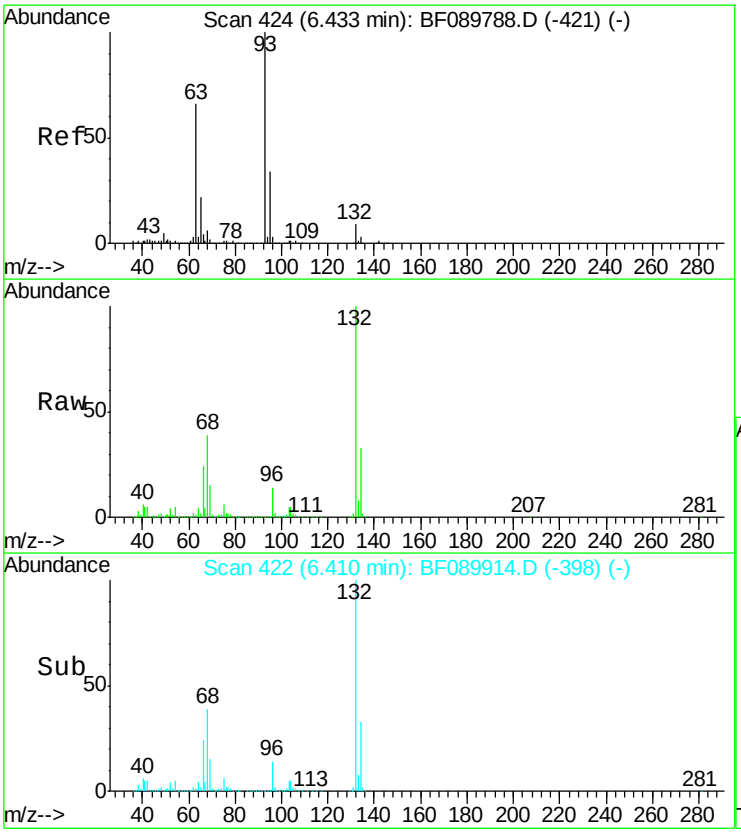
#10
Phenol
Concen: 0.03 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 94 Resp: 786

Ion	Ratio	Lower	Upper
94	100		
65	1401.0	14.0	54.0#
66	7465.3	31.2	71.2#

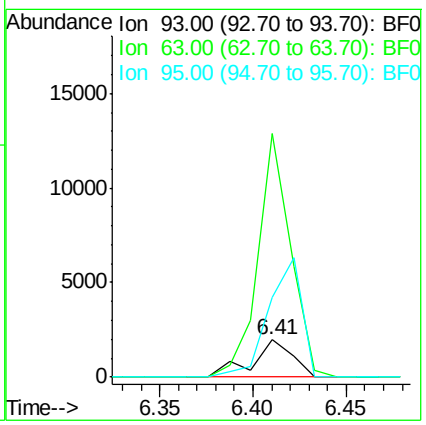


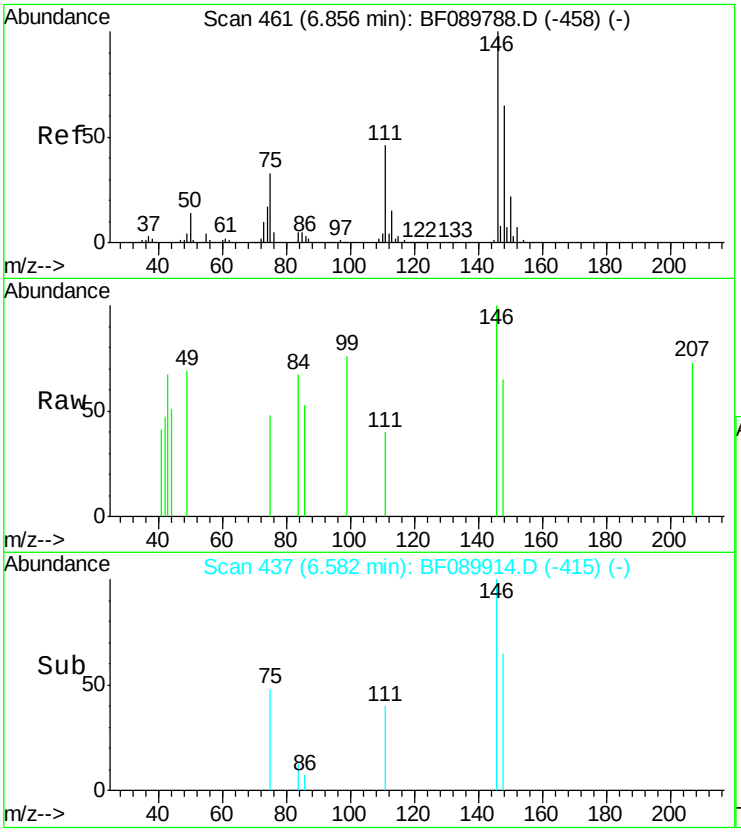


#11
bis(2-Chloroethyl)ether
Concen: 0.16 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 93 Resp: 2960

Ion	Ratio	Lower	Upper
93	100		
63	653.0	55.8	95.8#
95	212.9	13.0	53.0#



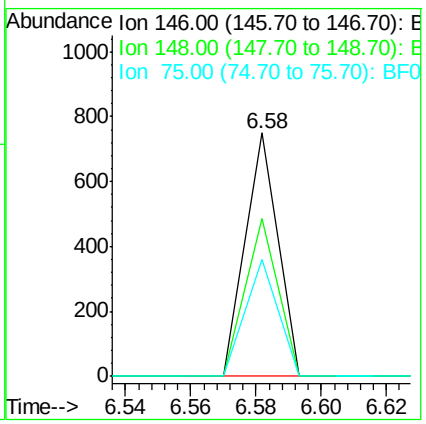


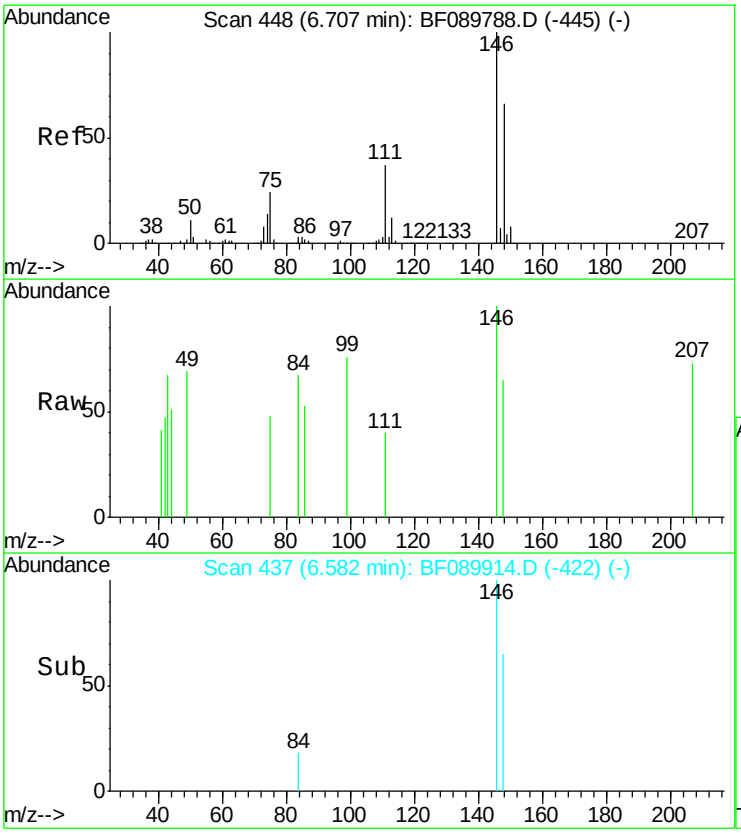
#12
1,3-Dichlorobenzene
Concen: 0.02 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 514

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.4
75	48.0	27.0	40.6#

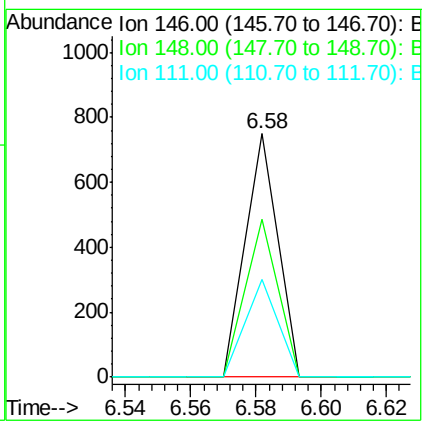


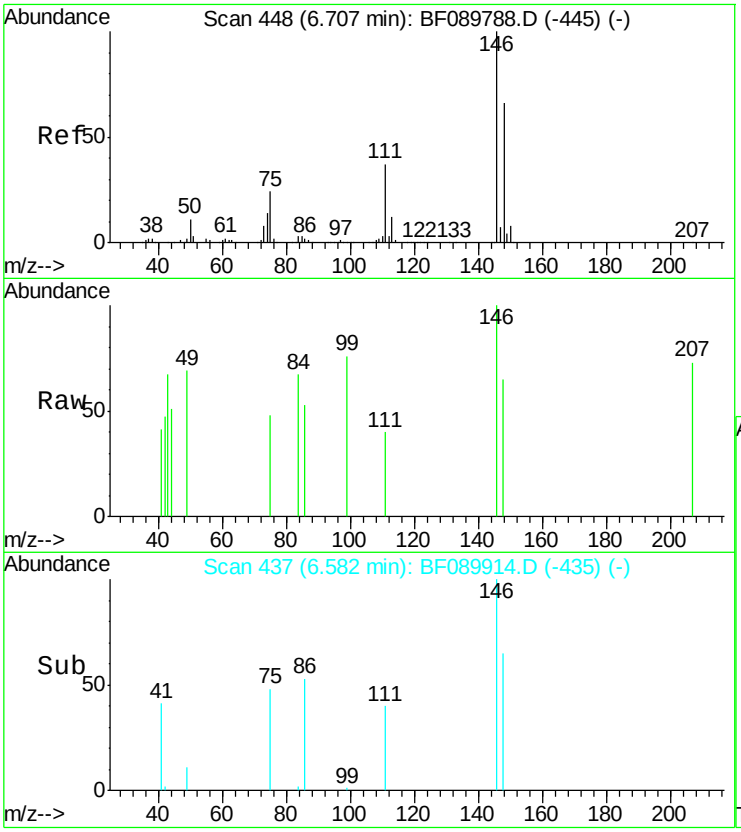


#13
1,4-Dichlorobenzene
Concen: 0.02 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.13 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:146 Resp: 514

Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	40.0	34.6	52.0



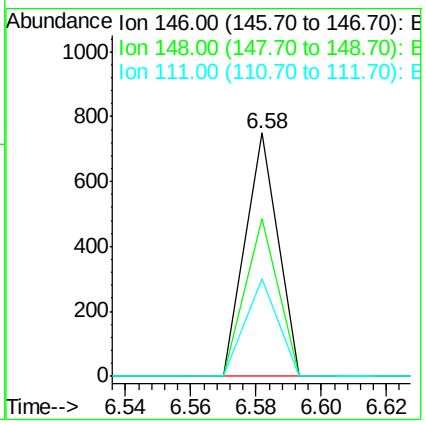


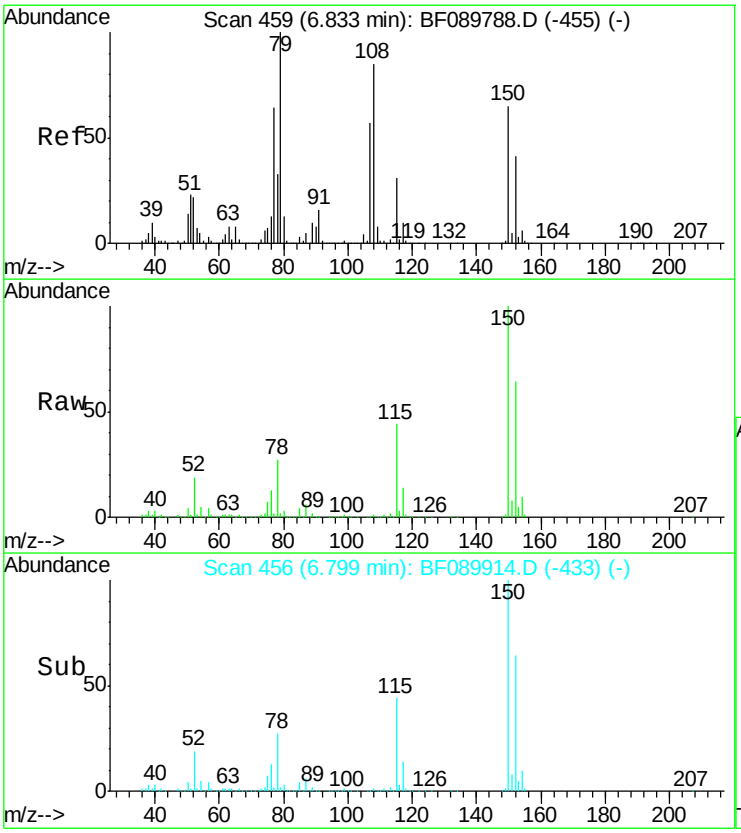
#14
1,2-Dichlorobenzene
Concen: 0.03 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.27 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:146 Resp: 514

Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	40.0	29.8	44.6

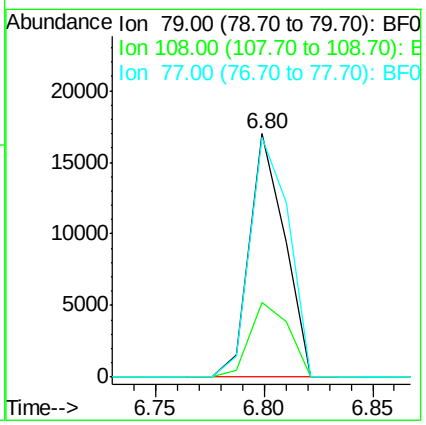


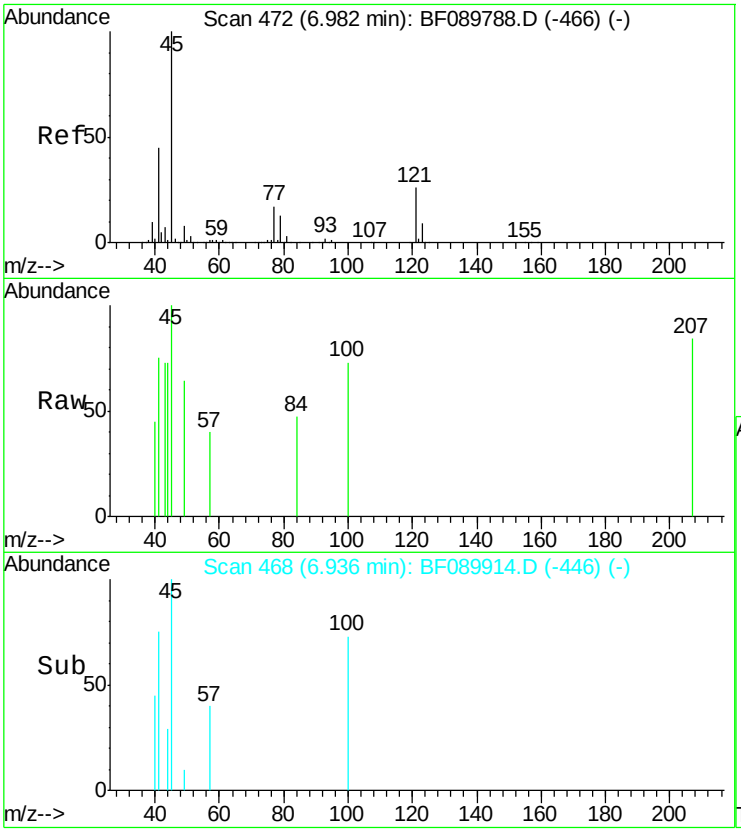


#15
Benzyl Alcohol
Concen: 1.38 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 79 Resp: 19192

Ion	Ratio	Lower	Upper
79	100		
108	30.9	62.5	93.7#
77	98.7	51.5	77.3#



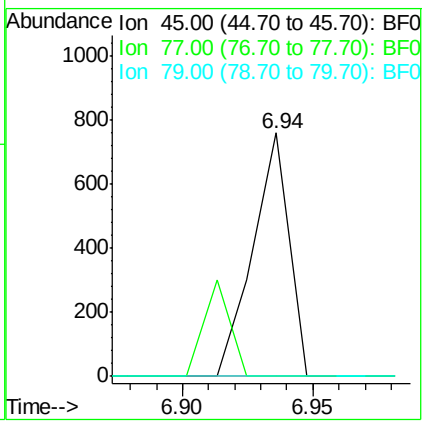


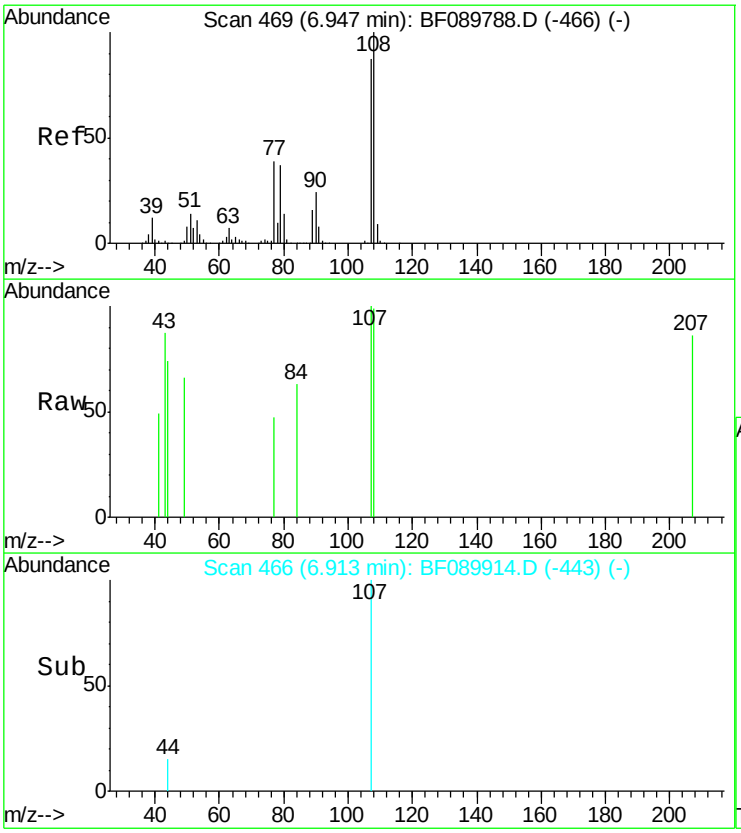
#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.03 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 45 Resp: 729

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

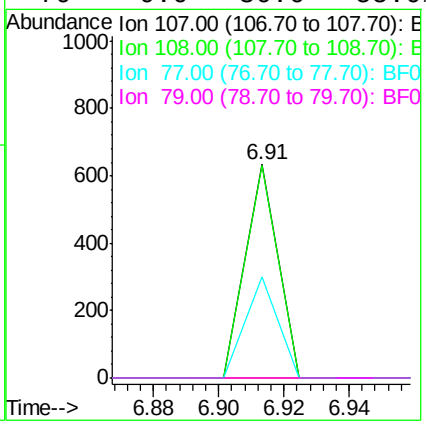


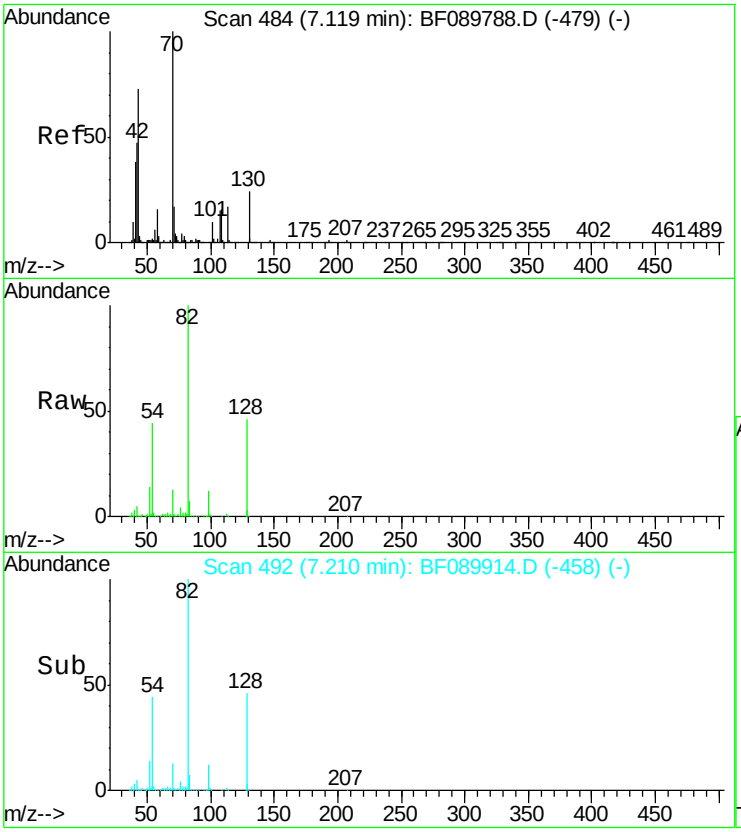


#17
2-Methylphenol
Concen: 0.03 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:107 Resp: 435

Ion	Ratio	Lower	Upper
107	100		
108	99.4	91.0	136.4
77	47.3	37.4	56.0
79	0.0	36.6	55.0#



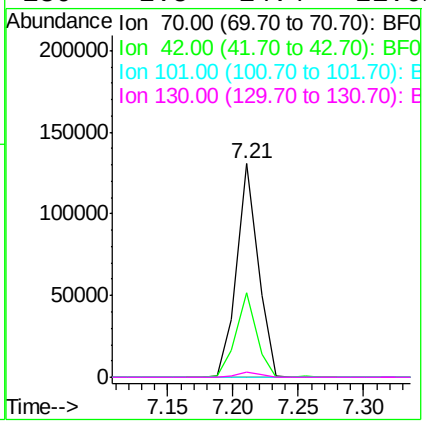


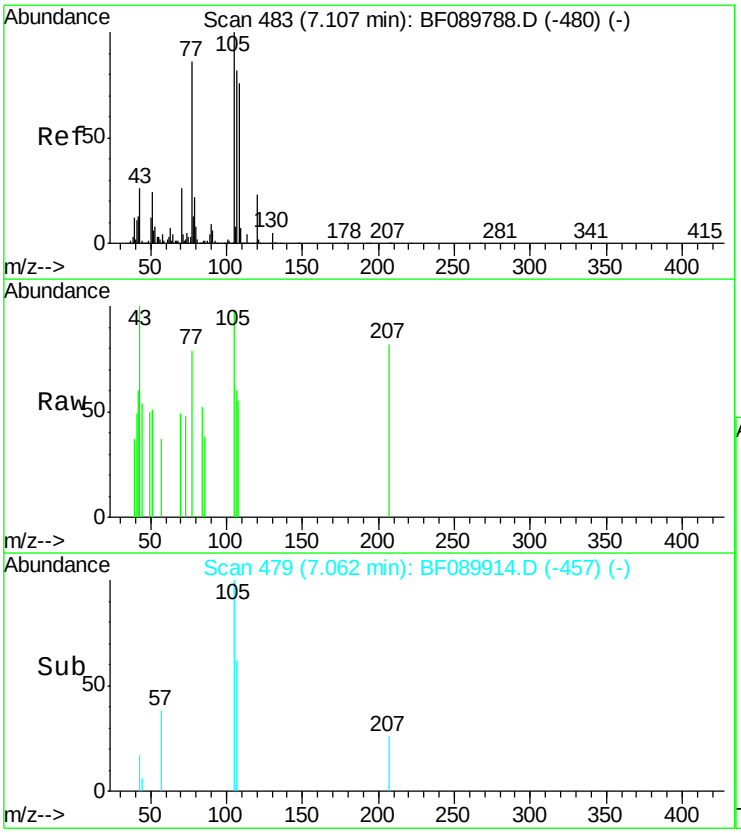
#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.09 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 149518

Ion	Ratio	Lower	Upper
70	100		
42	39.7	46.3	69.5#
101	0.0	7.0	10.6#
130	2.5	14.4	21.6#

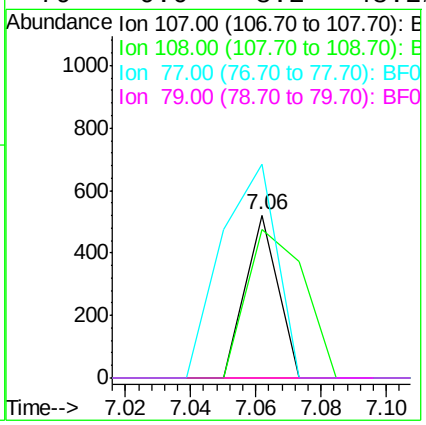


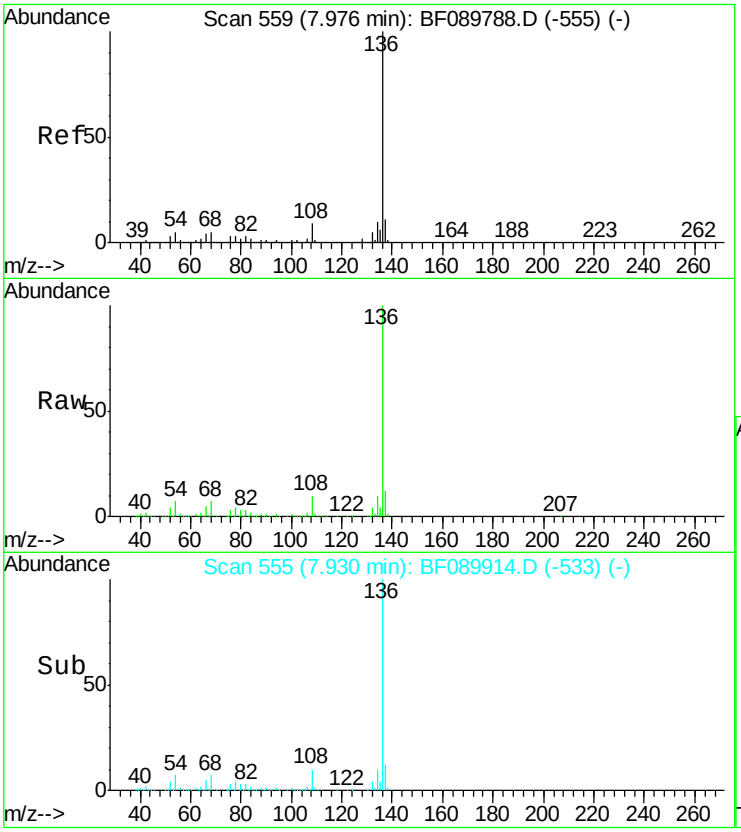


#20
3+4-Methylphenols
Concen: 0.02 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:107 Resp: 358

Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.2	108.2
77	131.0	122.3	162.3
79	0.0	8.2	48.2#



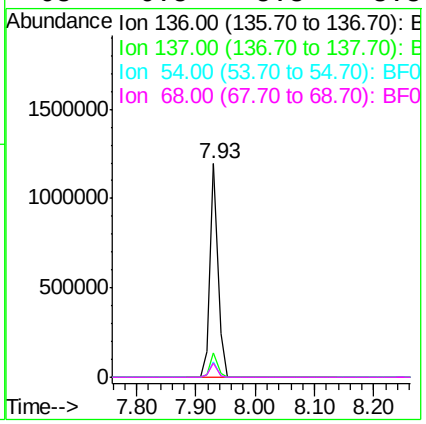


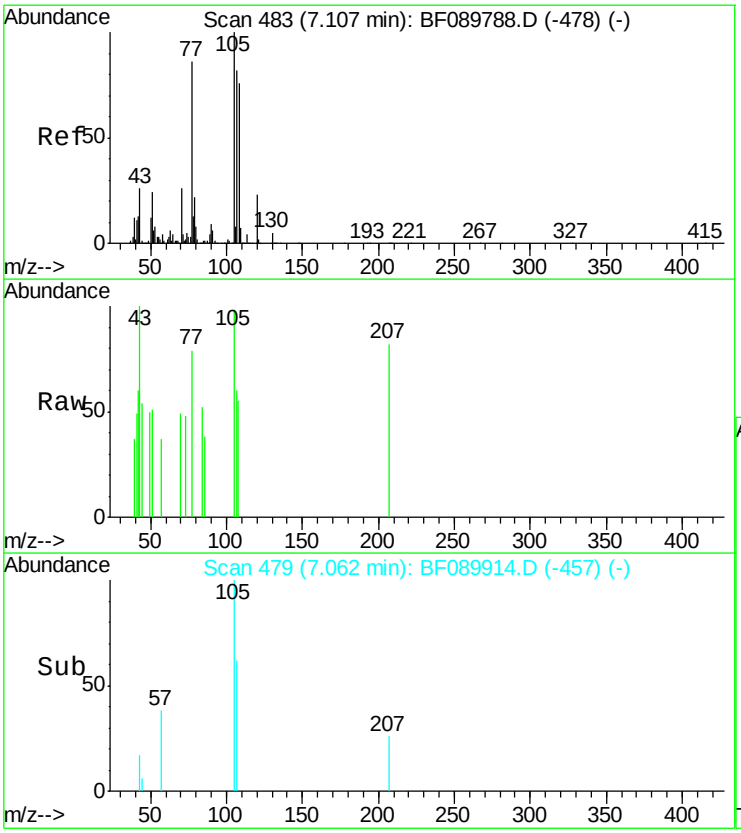
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 1096223

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	7.1	7.2	10.8#
68	6.5	5.8	8.8

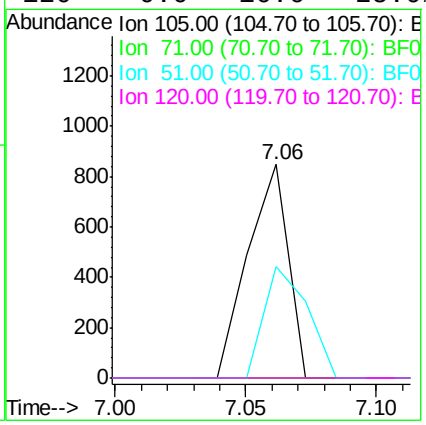


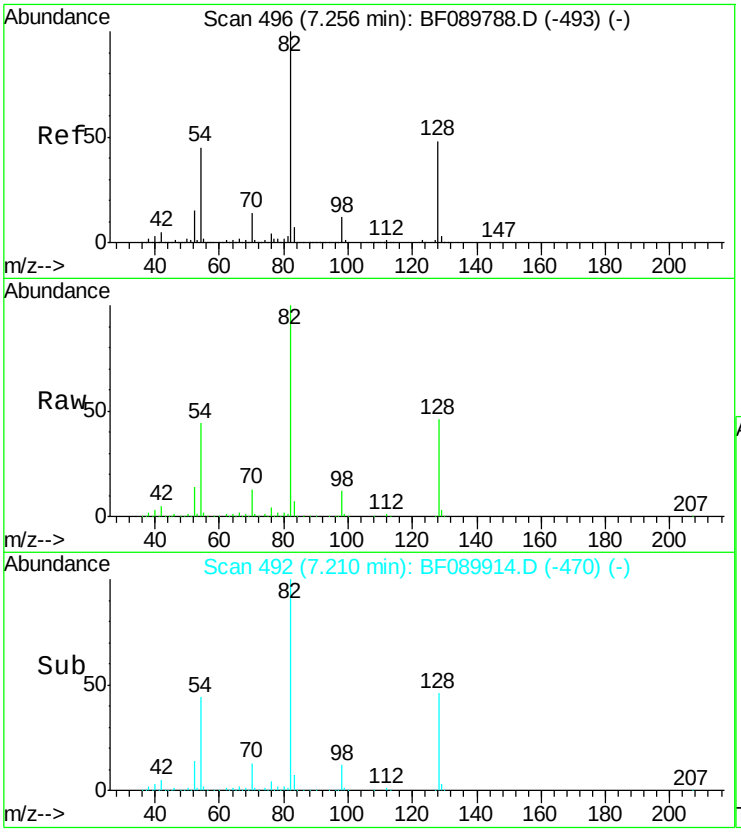


#22
Acetophenone
Concen: 0.04 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:105 Resp: 918

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.9	2.9#
51	52.0	28.5	42.7#
120	0.0	16.6	25.0#



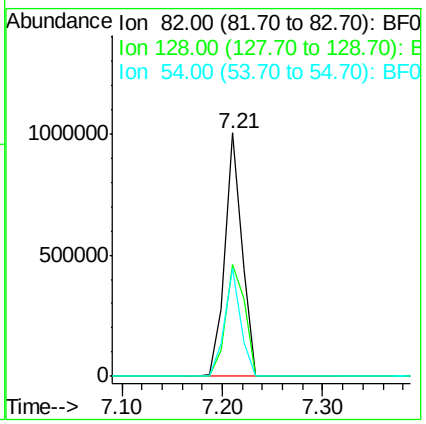


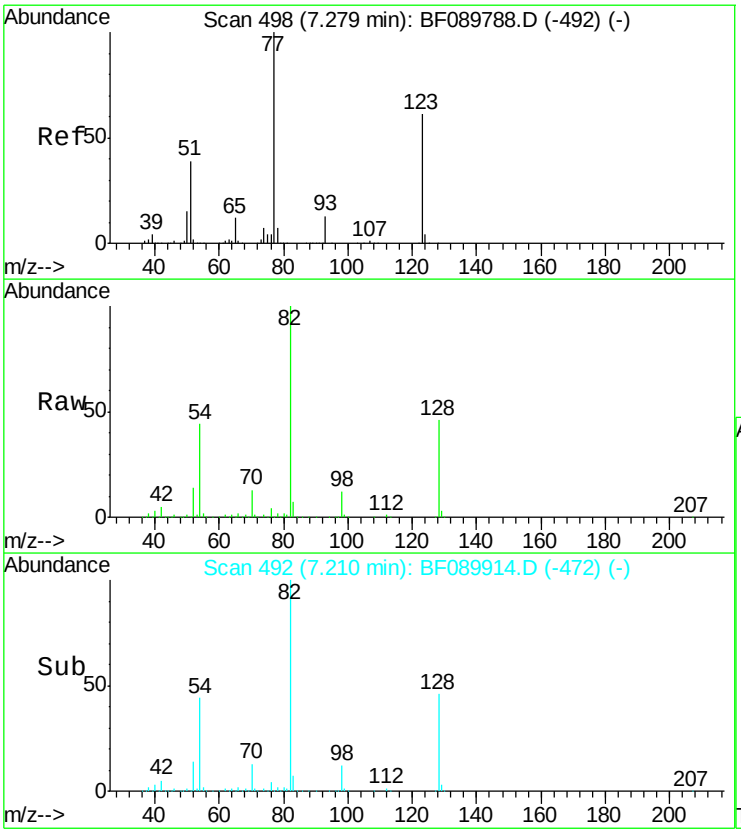
#23
Nitrobenzene-d5
Concen: 67.33 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 1188018

Ion	Ratio	Lower	Upper
82	100		
128	45.7	34.4	51.6
54	44.3	40.3	60.5

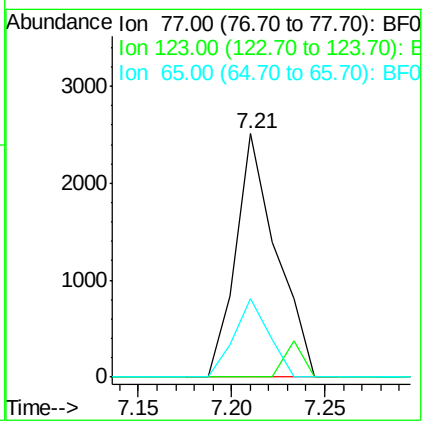


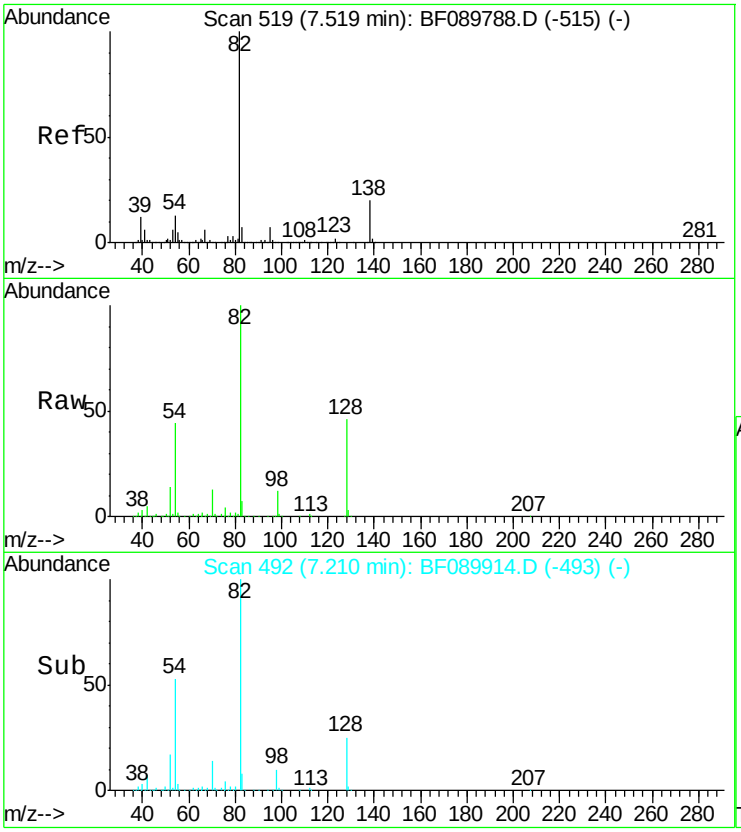


#24
Nitrobenzene
Concen: 0.19 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 77 Resp: 3803

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.2	54.2#
65	32.5	10.6	15.8#



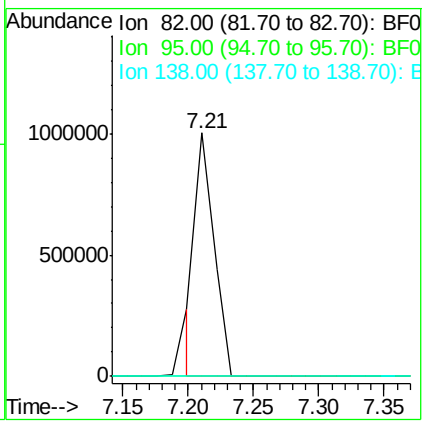


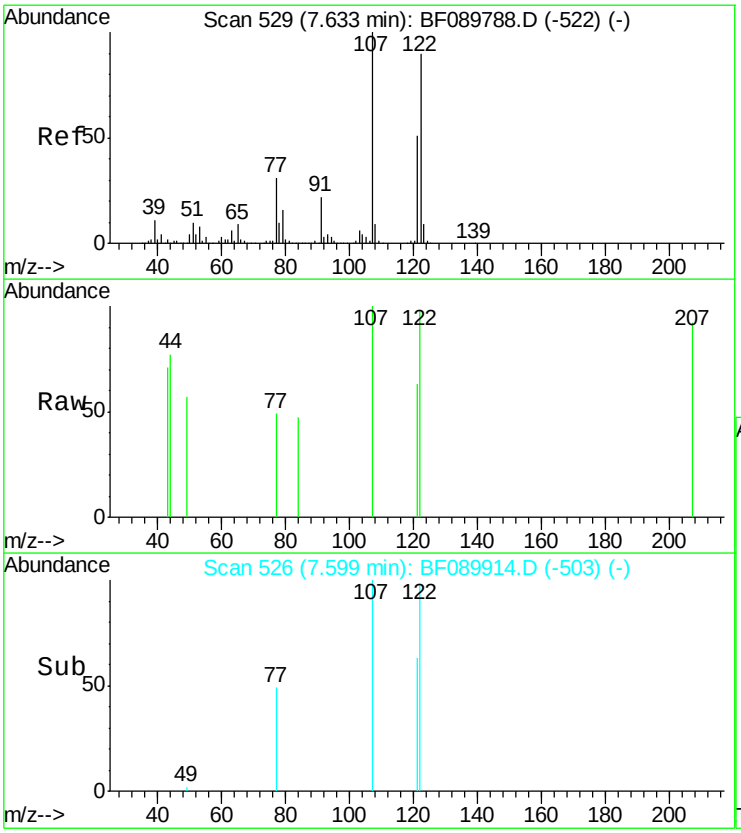
#25
Isophorone
Concen: 27.86 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.31 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 991395

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

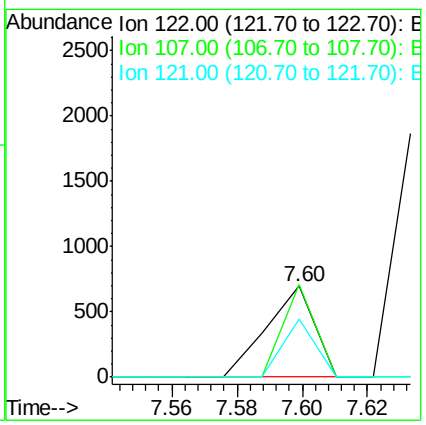


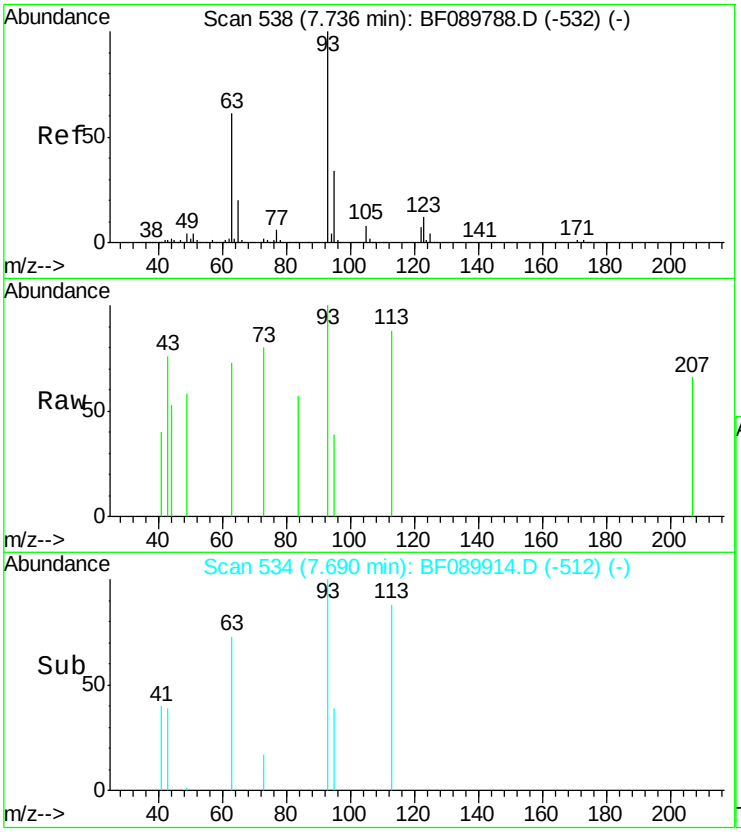


#27
2,4-Dimethylphenol
Concen: 0.04 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:122 Resp: 706

Ion	Ratio	Lower	Upper
122	100		
107	101.6	84.8	127.2
121	63.6	47.0	70.6



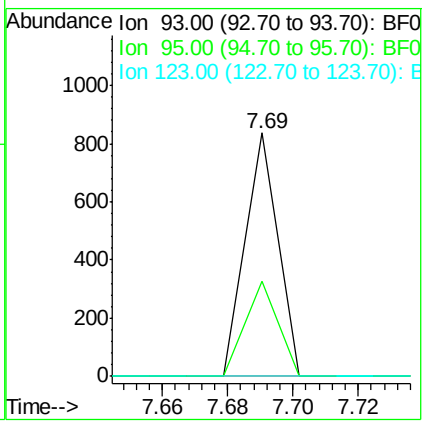


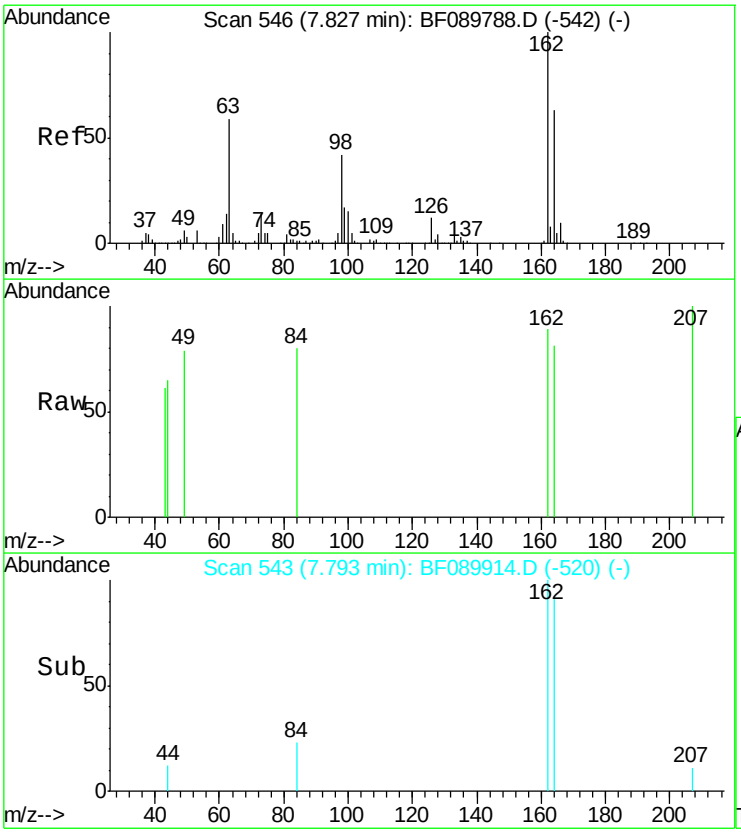
#28
bis(2-Chloroethoxy)methane
Concen: 0.03 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 93 Resp: 574

Ion	Ratio	Lower	Upper
93	100		
95	38.9	25.5	38.3#
123	0.0	8.5	12.7#

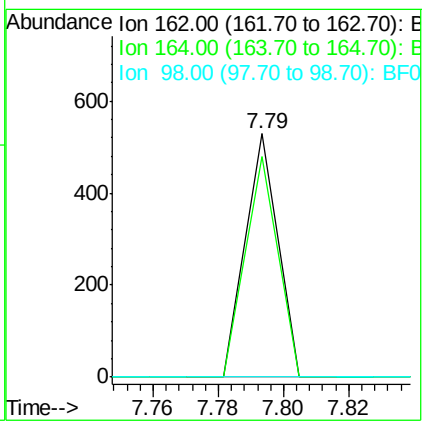


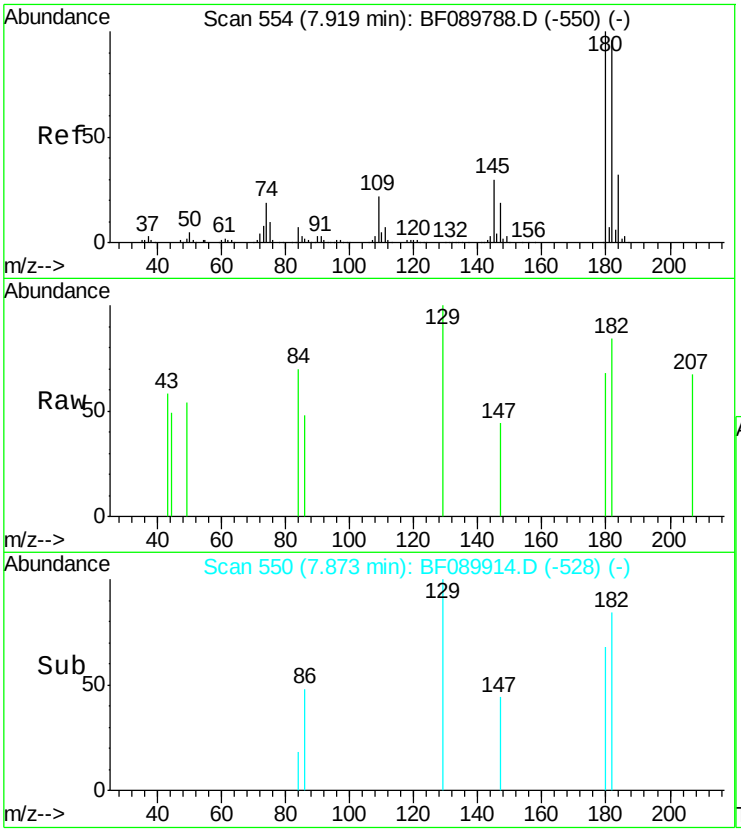


#29
2,4-Dichlorophenol
Concen: 0.02 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:162 Resp: 363

Ion	Ratio	Lower	Upper
162	100		
164	90.5	45.5	85.5#
98	0.0	12.4	52.4#



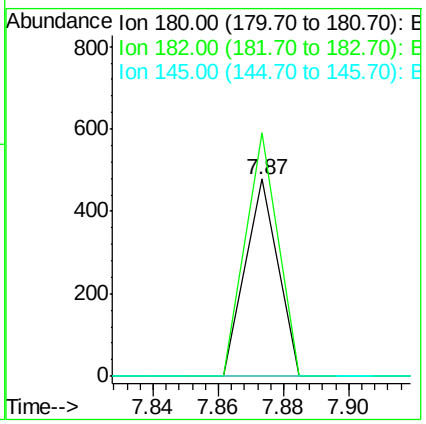


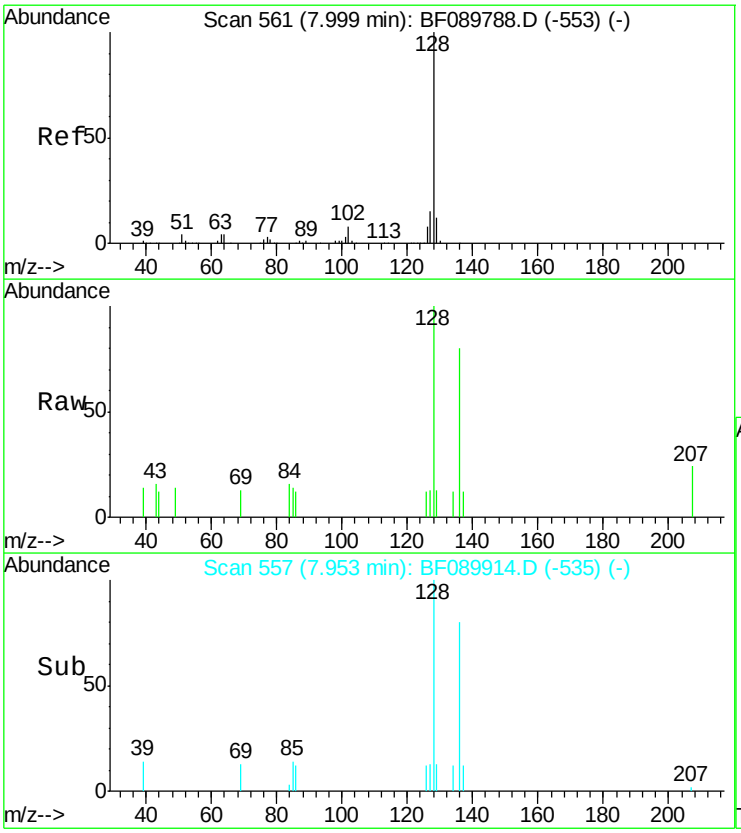
#30
1,2,4-Trichlorobenzene
Concen: 0.02 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:180 Resp: 328

Ion	Ratio	Lower	Upper
180	100		
182	123.4	75.5	113.3#
145	0.0	28.7	43.1#

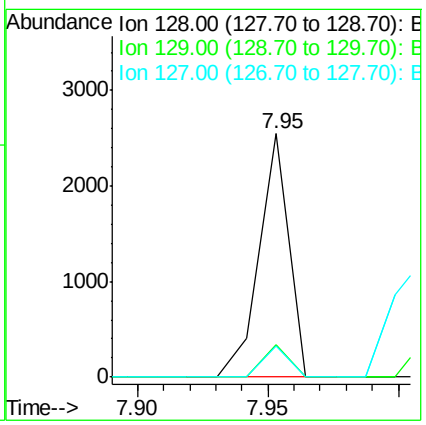


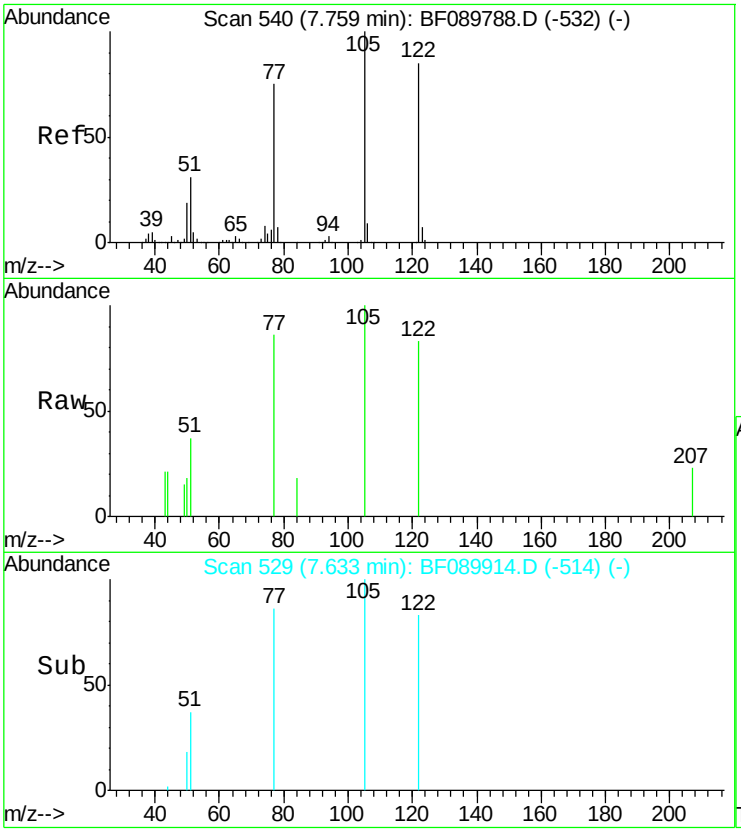


#31
Naphthalene
Concen: 0.04 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.04 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:128 Resp: 2030

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.5	14.3
127	12.6	11.3	16.9



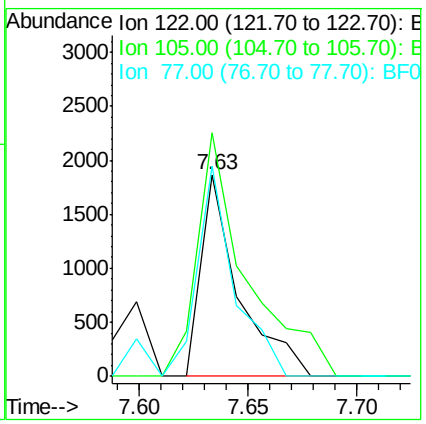


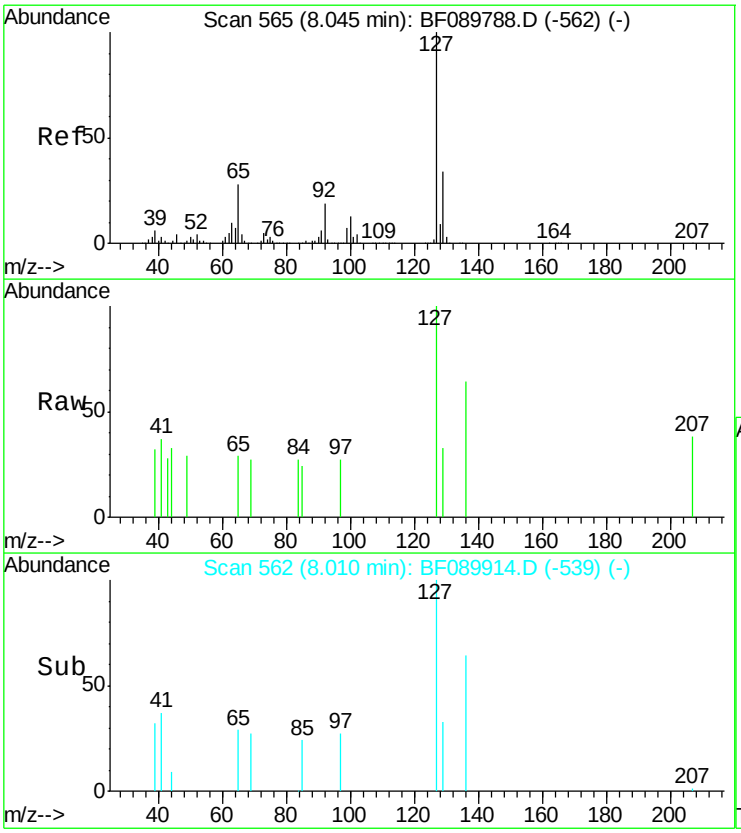
#32
Benzoic acid
Concen: 0.16 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.12 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 2264

Ion	Ratio	Lower	Upper
122	100		
105	120.8	100.8	140.8
77	104.1	72.1	112.1

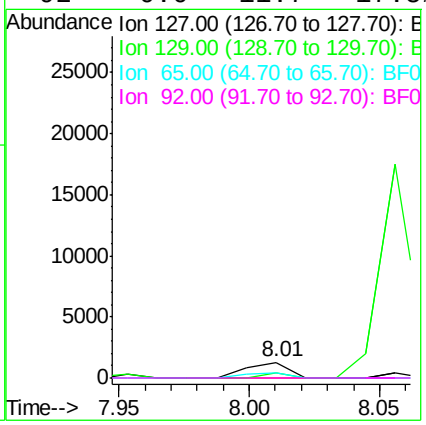


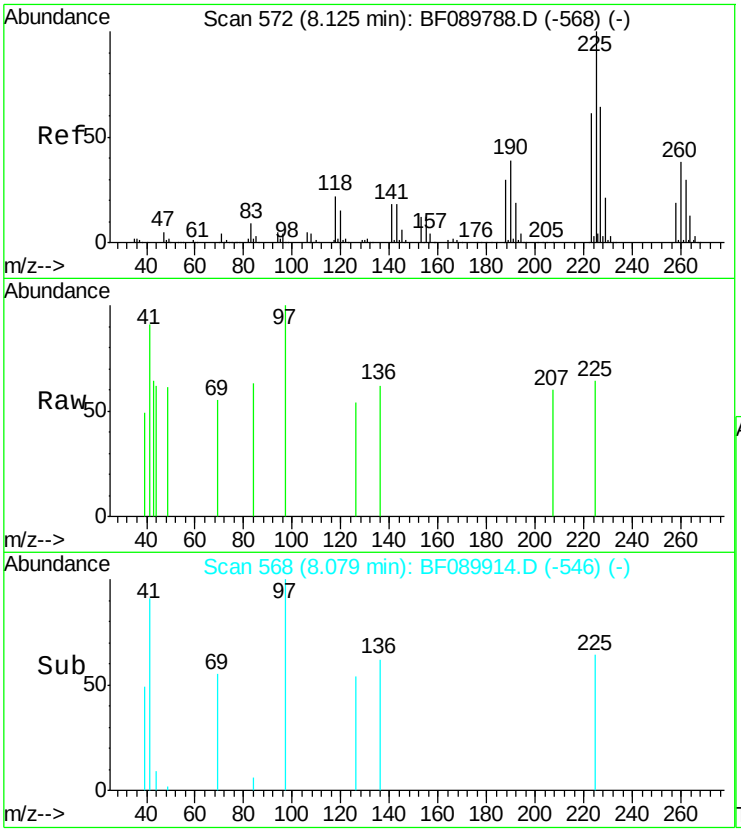


#33
4-Chloroaniline
Concen: 0.07 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:127 Resp: 1457

Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.6
65	29.4	14.7	22.1#
92	0.0	11.7	17.5#



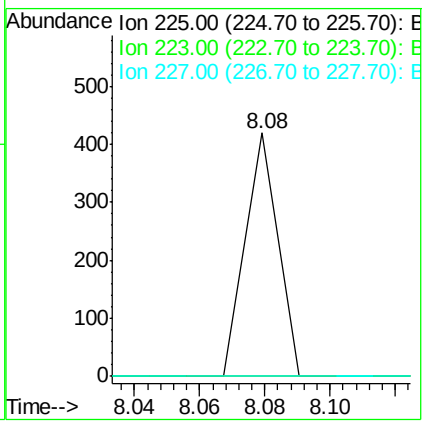


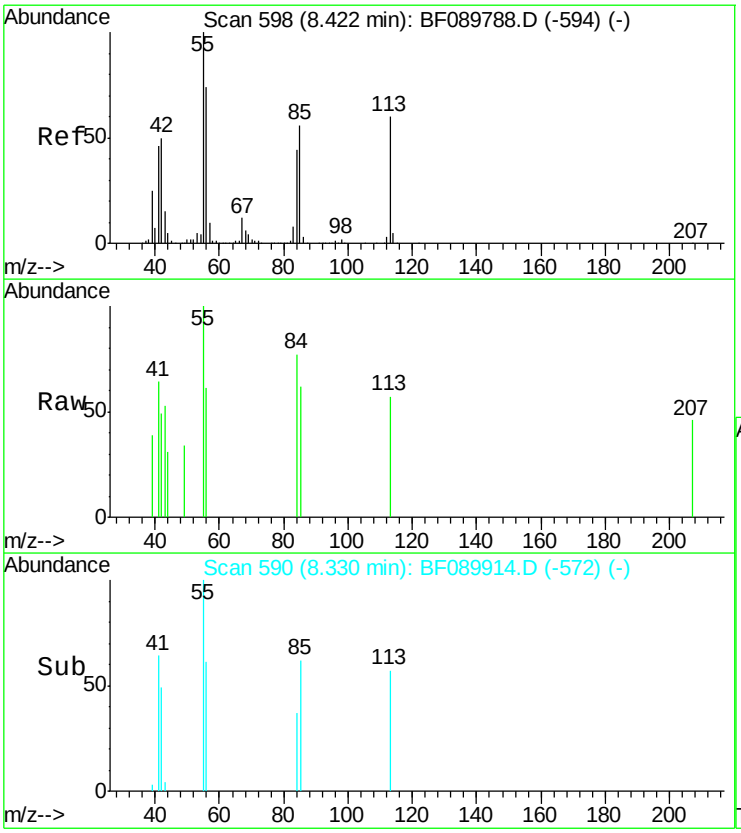
#34
Hexachlorobutadiene
Concen: 0.03 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:225 Resp: 288

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.0	76.6#
227	0.0	49.8	74.6#

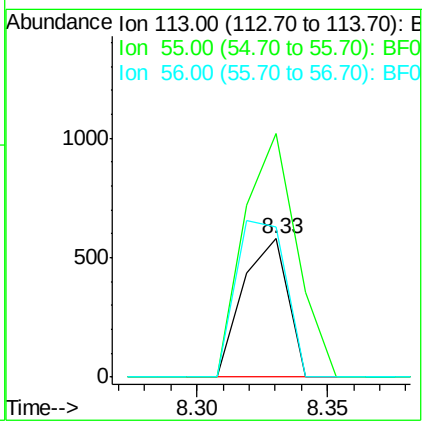


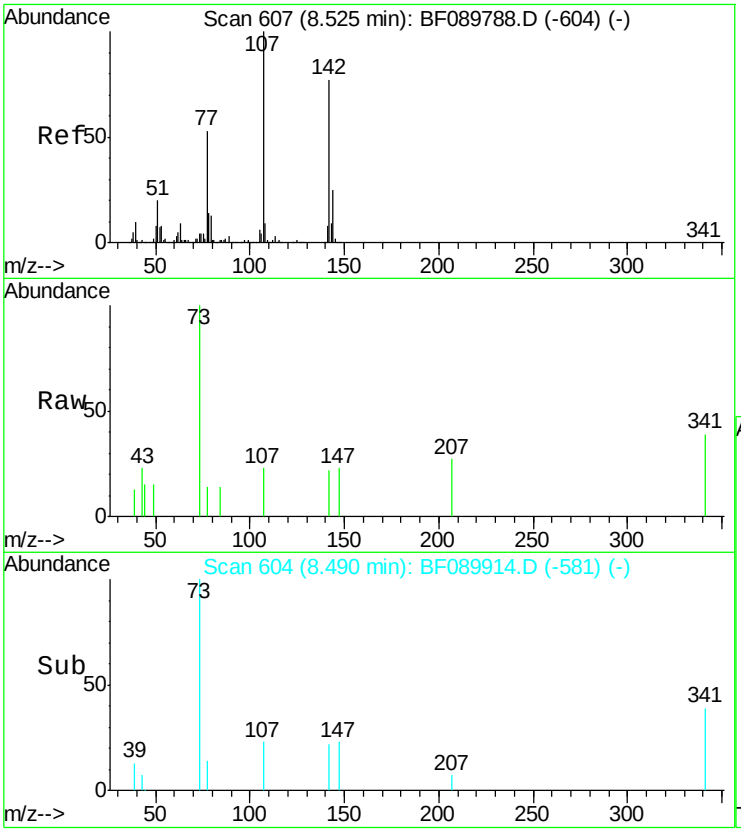


#35
Caprolactam
Concen: 0.15 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.09 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:113 Resp: 696

Ion	Ratio	Lower	Upper
113	100		
55	176.0	135.9	175.9#
56	108.1	93.9	133.9



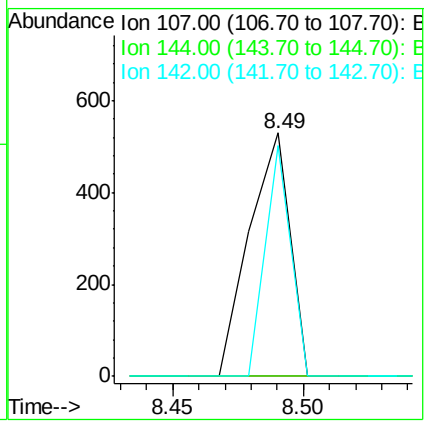


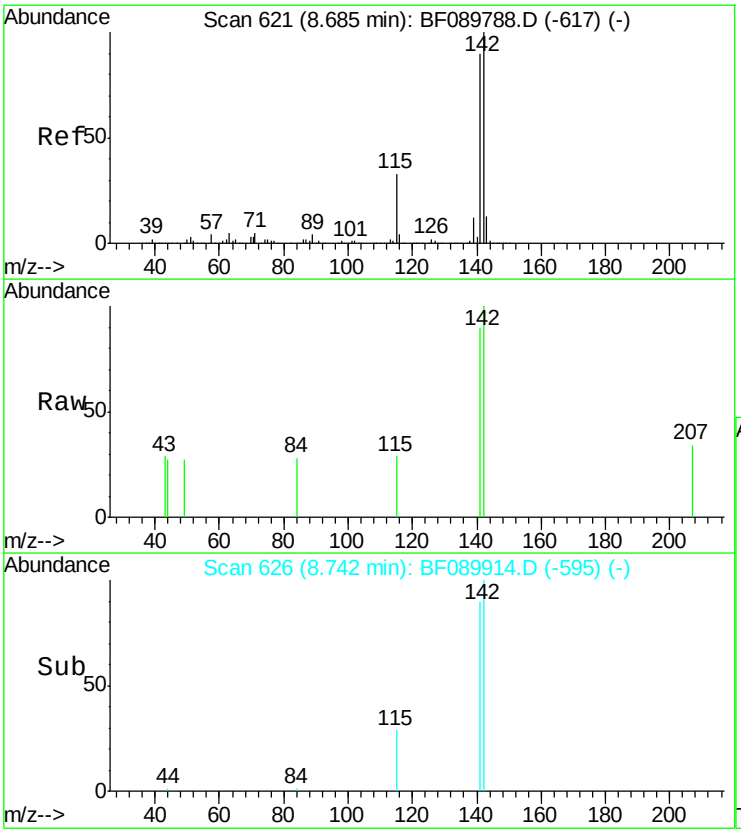
#36
4-Chloro-3-methylphenol
Concen: 0.04 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:107 Resp: 581

Ion	Ratio	Lower	Upper
107	100		
144	0.0	22.6	34.0#
142	94.7	69.3	103.9

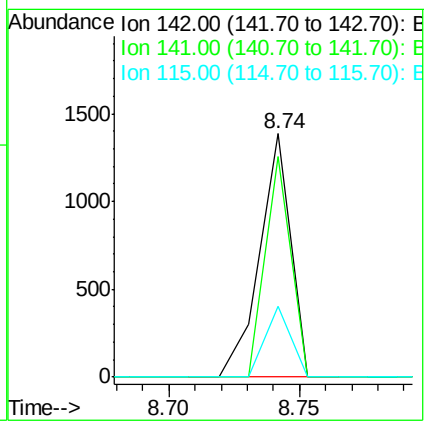


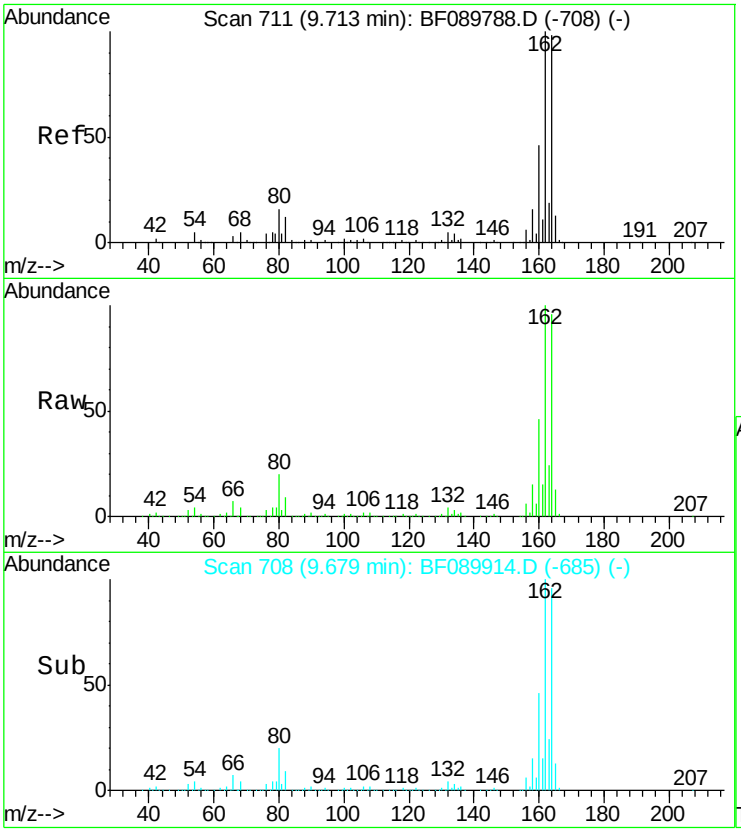


#37
2-Methylnaphthalene
Concen: 0.03 ng
RT: 8.74 min Scan# 626
Delta R.T. 0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:142 Resp: 1158

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	28.8	22.7	34.1



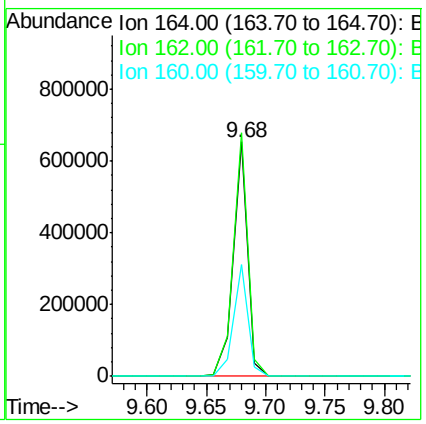


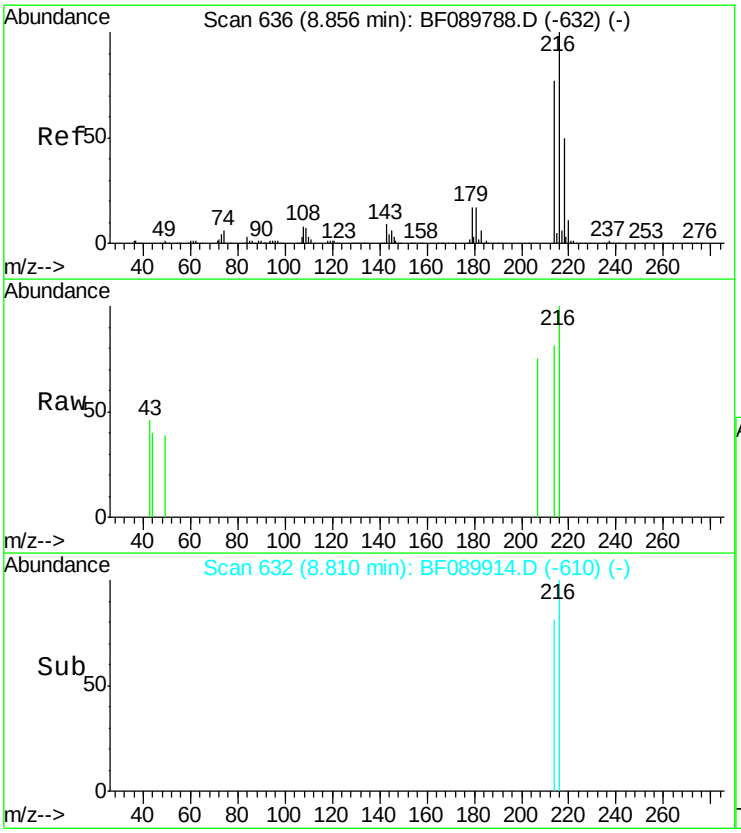
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 550780

Ion	Ratio	Lower	Upper
164	100		
162	103.9	81.4	122.2
160	47.8	37.8	56.6

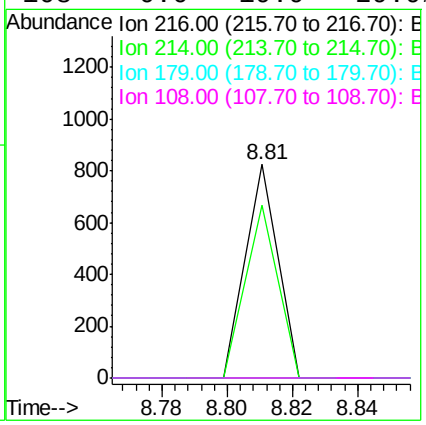


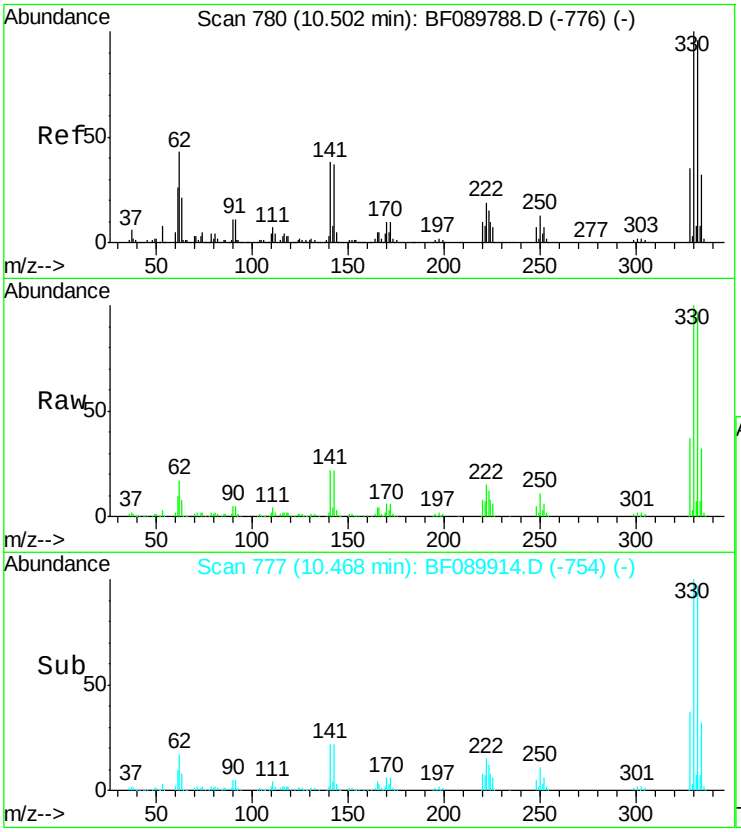


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.03 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:216 Resp: 566

Ion	Ratio	Lower	Upper
216	100		
214	80.6	63.5	95.3
179	0.0	19.9	29.9#
108	0.0	19.9	29.9#



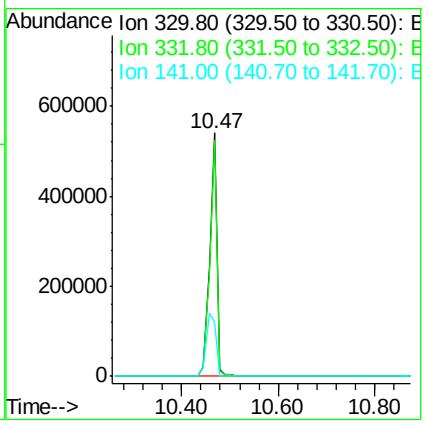


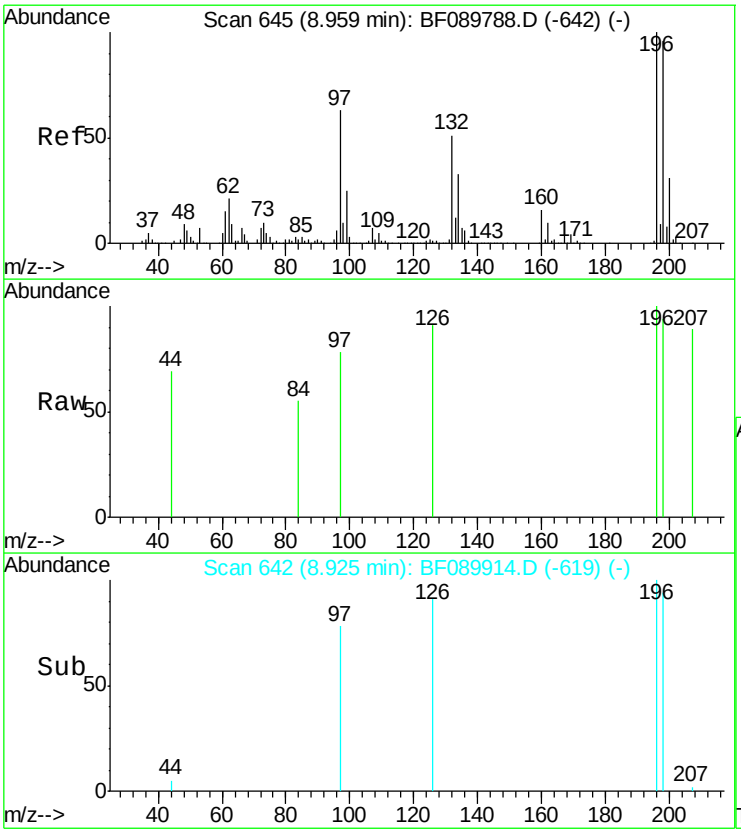
#41
2,4,6-Tribromophenol
Concen: 109.81 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 574774

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.7	115.1
141	34.4	30.2	45.2

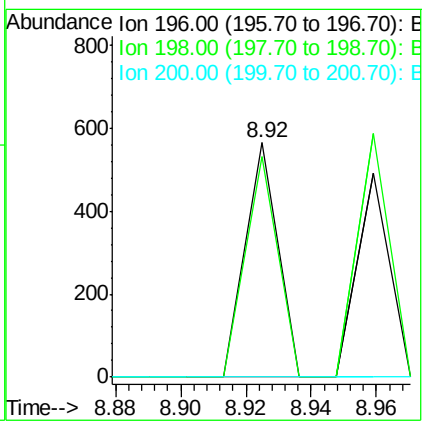


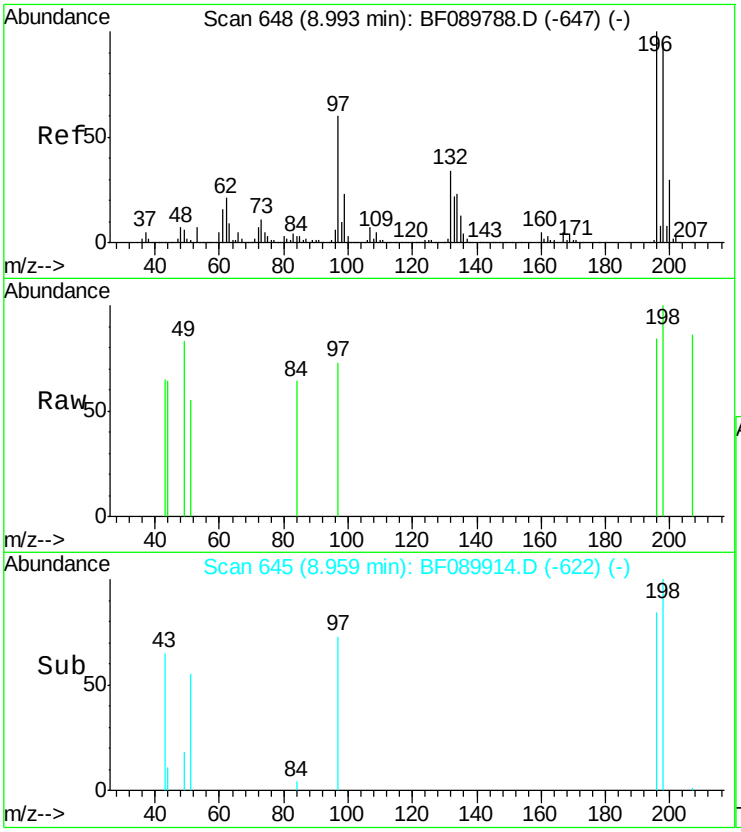


#42
2,4,6-Trichlorophenol
Concen: 0.03 ng
RT: 8.92 min Scan# 642
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:196 Resp: 388

Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.3	114.5
200	0.0	24.6	36.8#



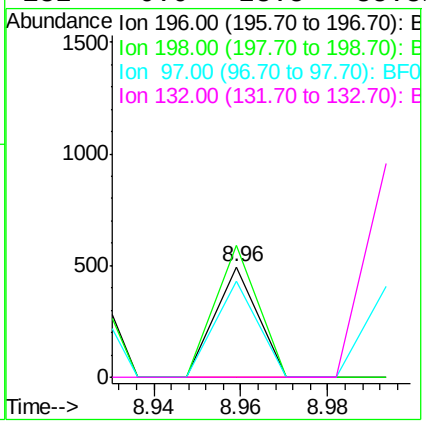


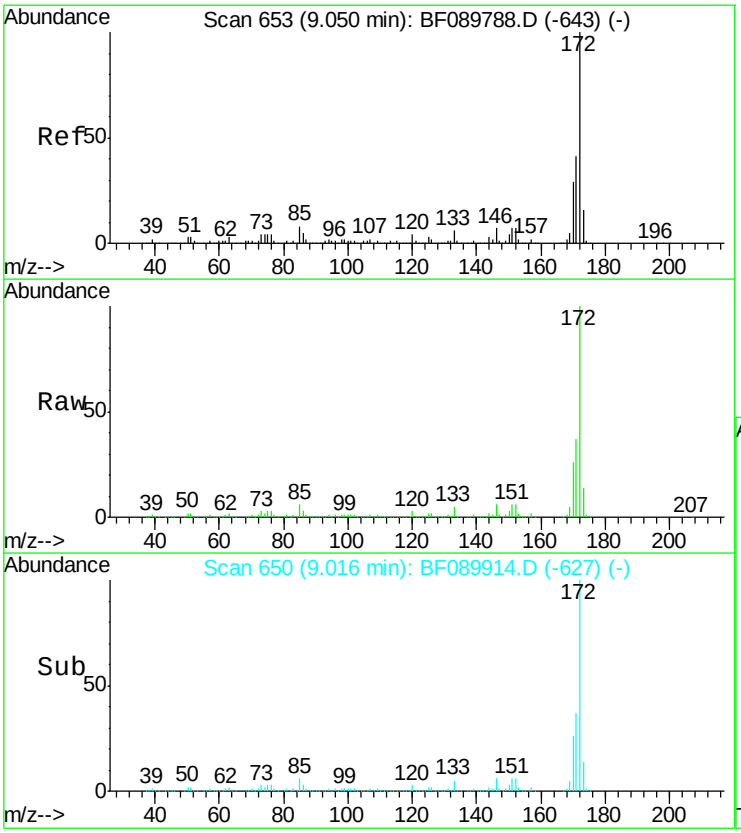
#43
2,4,5-Trichlorophenol
Concen: 0.03 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:196 Resp: 338

Ion	Ratio	Lower	Upper
196	100		
198	119.3	76.6	114.8#
97	86.6	35.8	53.8#
132	0.0	23.5	35.3#

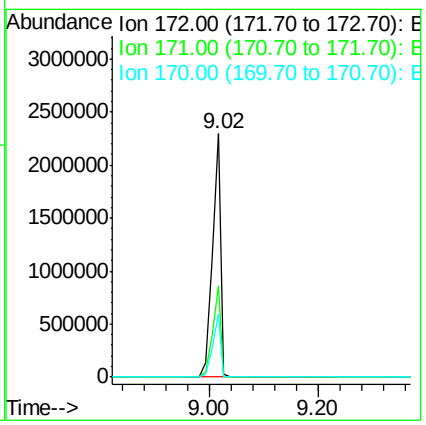


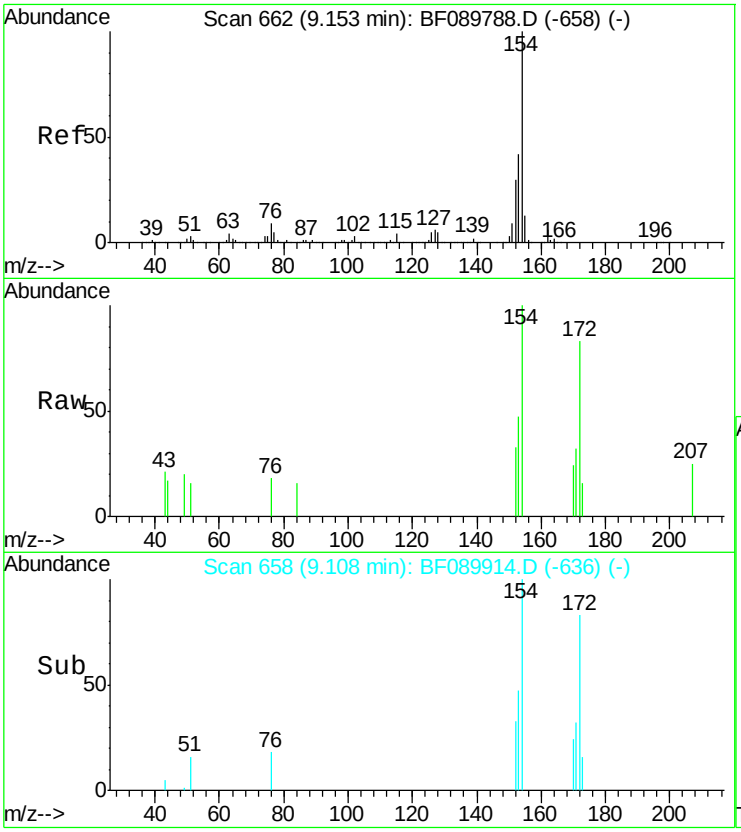


#44
2-Fluorobiphenyl
Concen: 78.67 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:172 Resp: 2465266

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	25.7	20.6	31.0



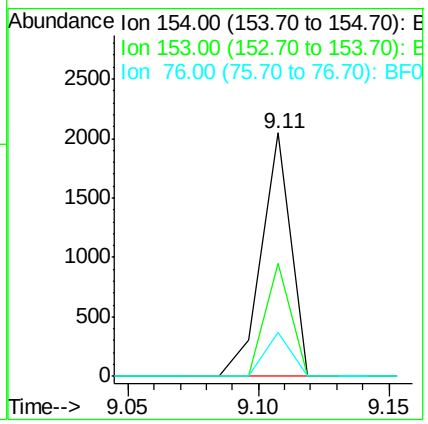


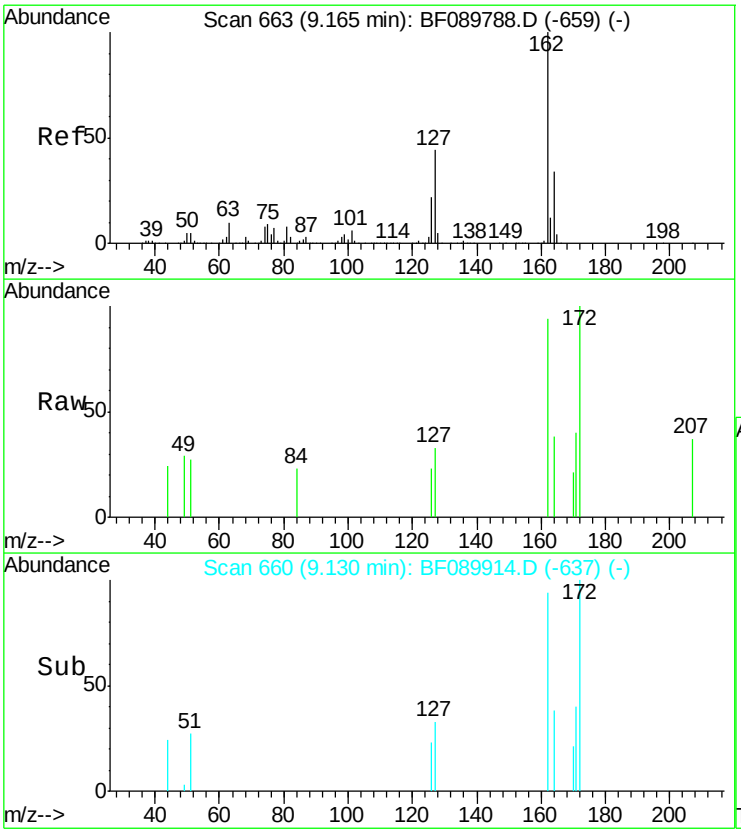
#45
1,1'-Biphenyl
Concen: 0.04 ng
RT: 9.11 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 1610

Ion	Ratio	Lower	Upper
154	100		
153	46.7	21.5	61.5
76	18.2	0.0	36.7

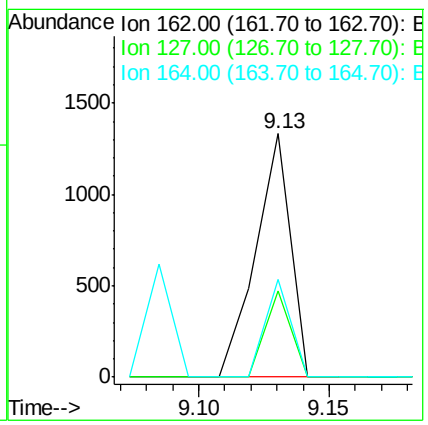


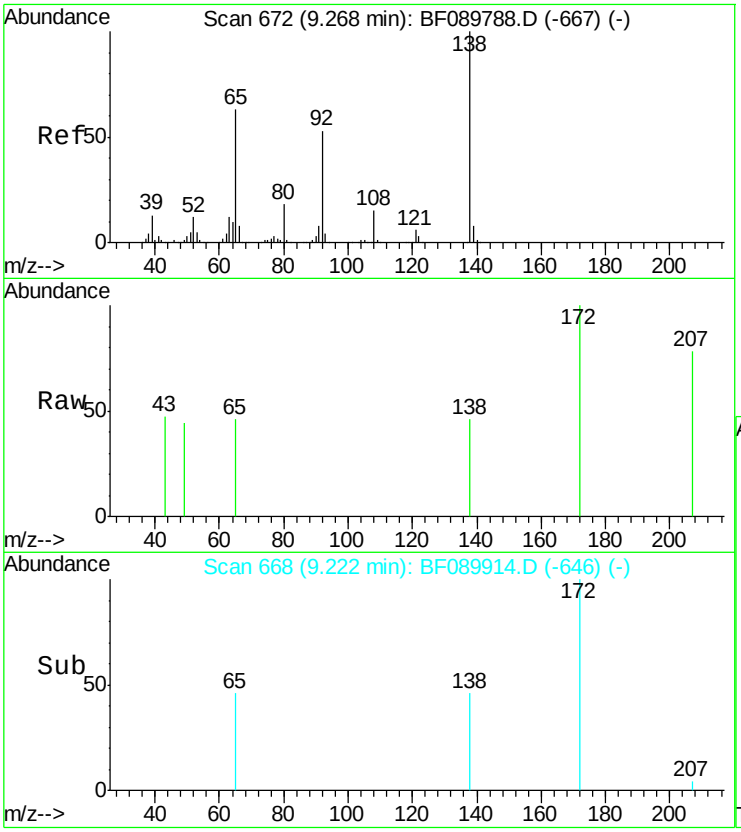


#46
2-Chloronaphthalene
Concen: 0.04 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:162 Resp: 1247

Ion	Ratio	Lower	Upper
162	100		
127	35.3	35.5	53.3#
164	40.1	26.6	40.0#



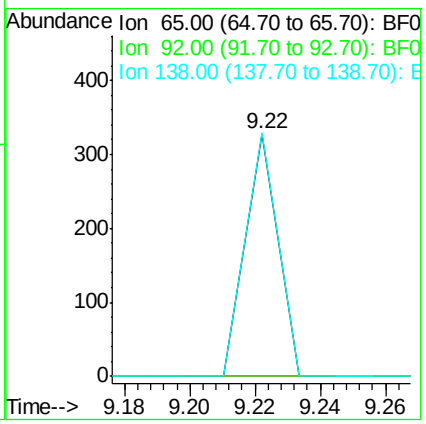


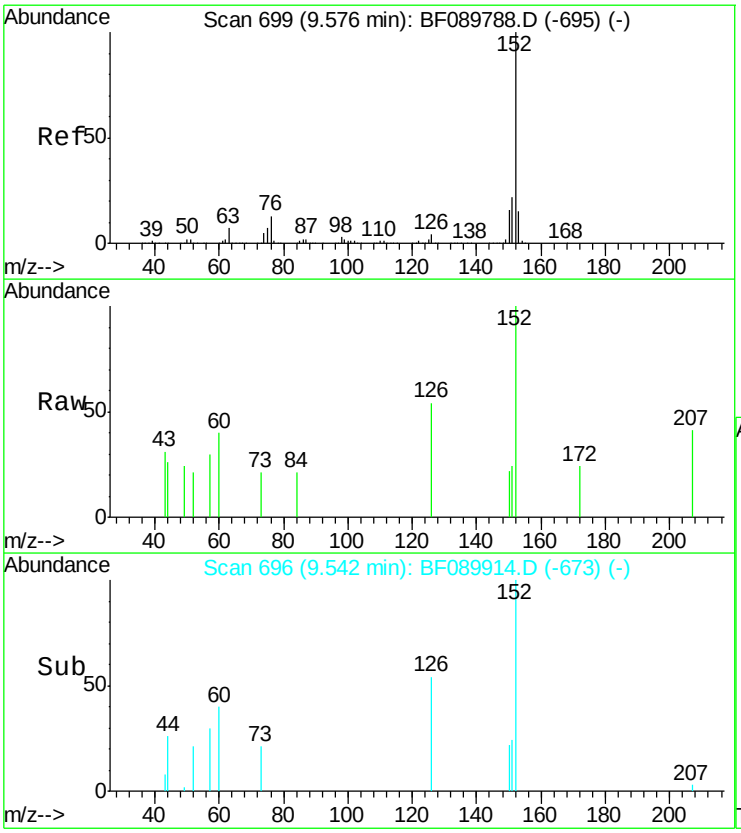
#47
2-Nitroaniline
Concen: 0.02 ng
RT: 9.22 min Scan# 668
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 65 Resp: 225

Ion	Ratio	Lower	Upper
65	100		
92	0.0	56.3	84.5#
138	100.3	81.8	122.8

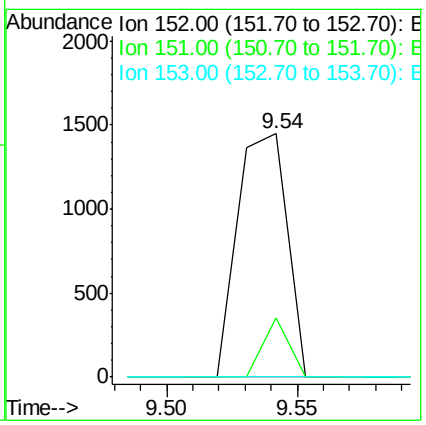


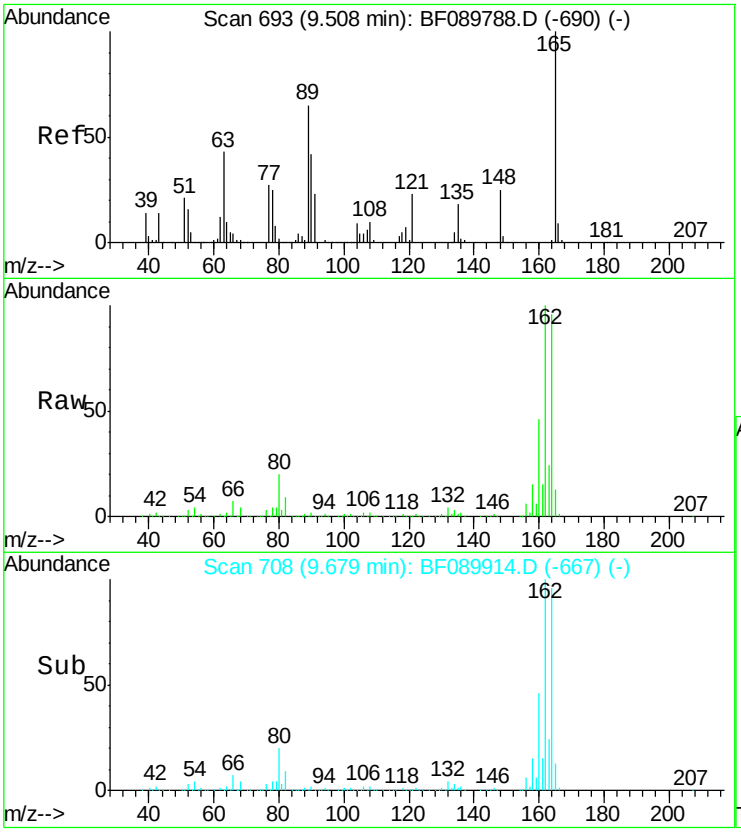


#48
Acenaphthylene
Concen: 0.04 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:152 Resp: 1933

Ion	Ratio	Lower	Upper
152	100		
151	24.4	17.1	25.7
153	0.0	11.2	16.8#



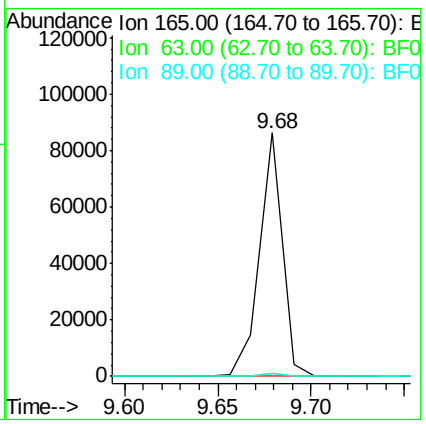


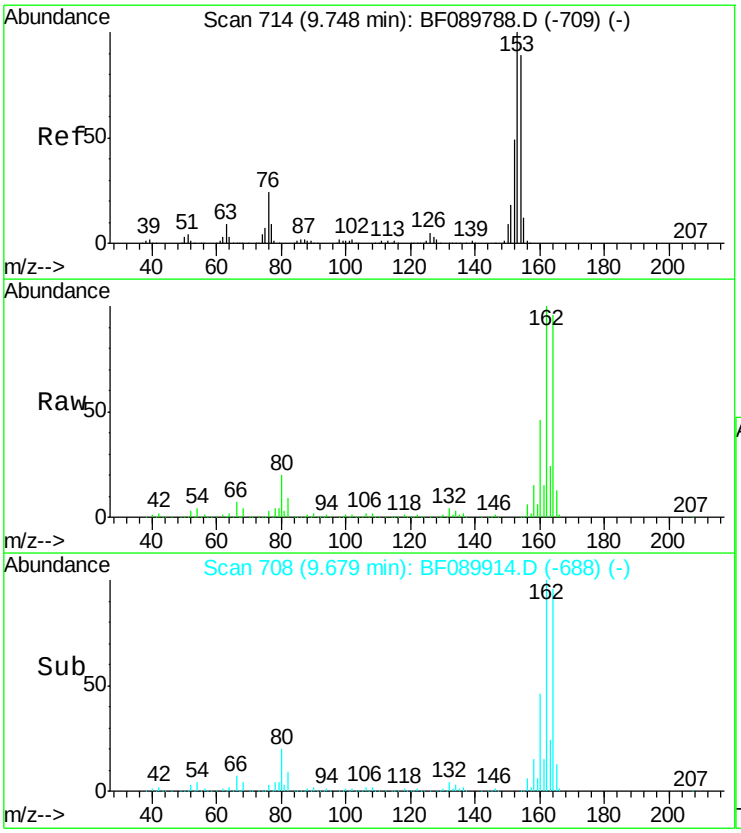
#50
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.17 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 72304

Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.7	62.5#
89	1.0	44.6	67.0#

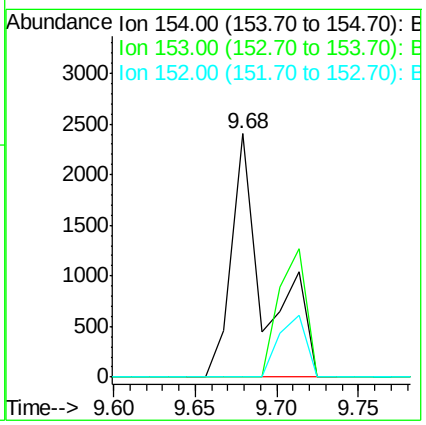


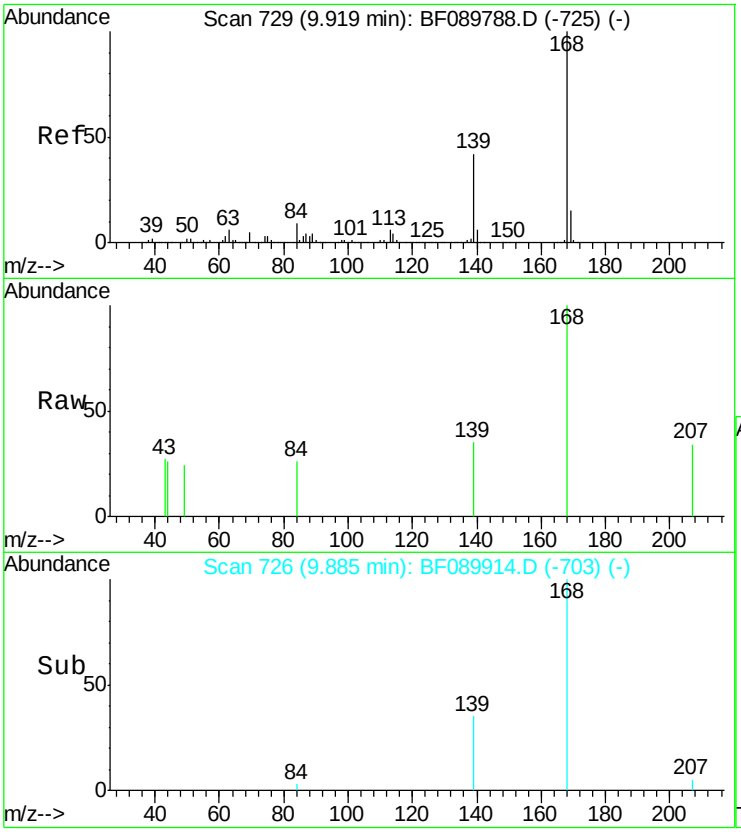


#51
Acenaphthene
Concen: 0.10 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:154 Resp: 3442

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



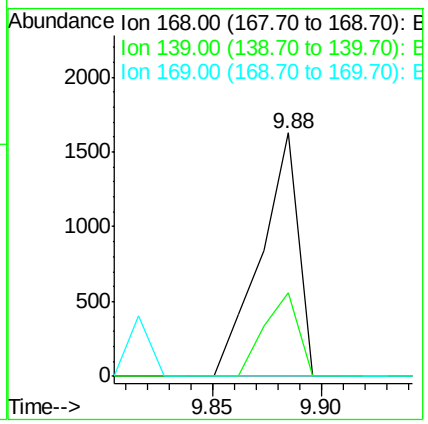


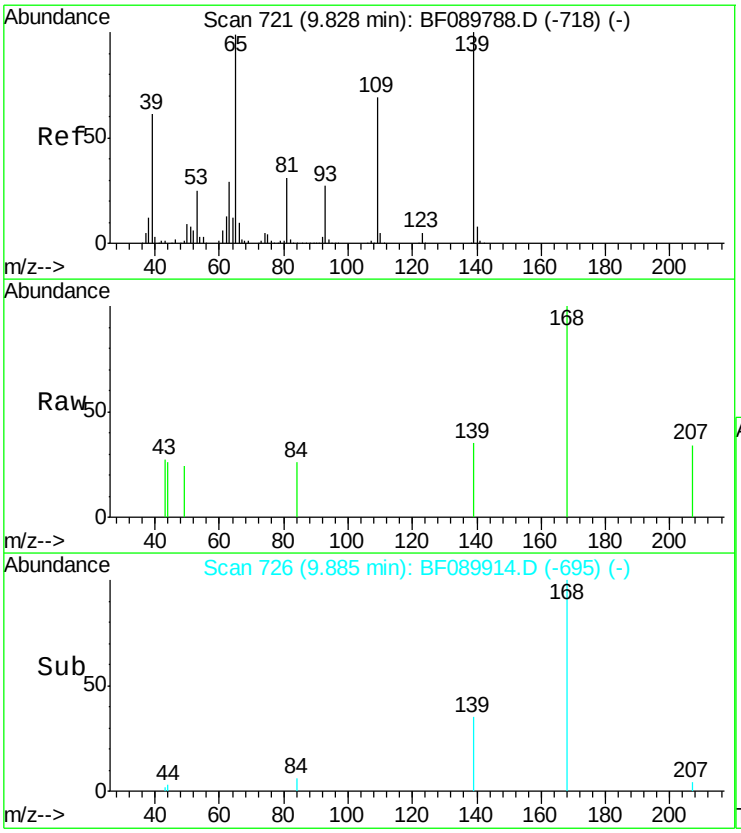
#54
Dibenzofuran
Concen: 0.05 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:168 Resp: 1973

Ion	Ratio	Lower	Upper
168	100		
139	34.5	34.6	52.0#
169	0.0	11.5	17.3#

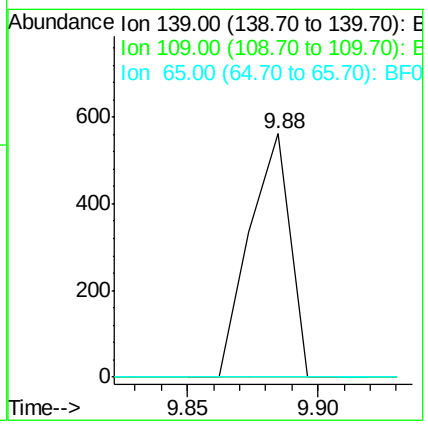


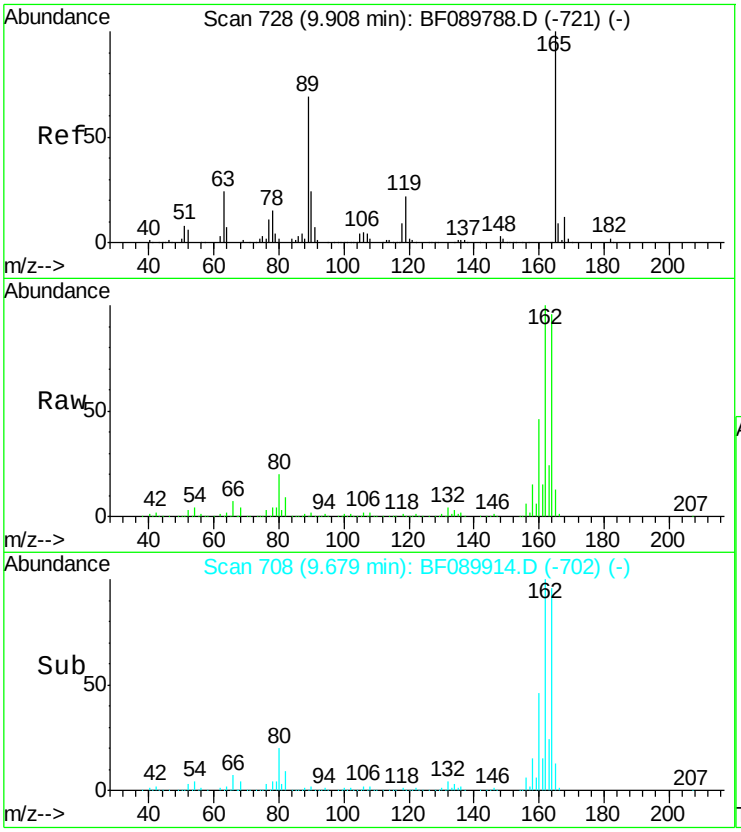


#55
4-Nitrophenol
Concen: 0.08 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:139 Resp: 616

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



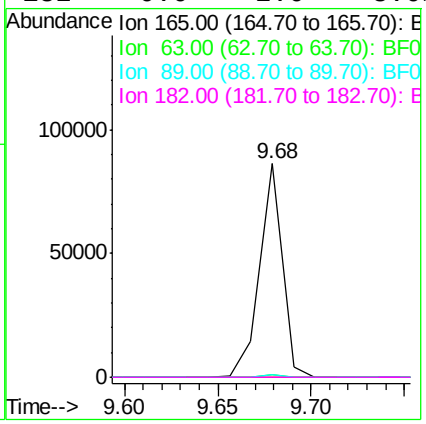


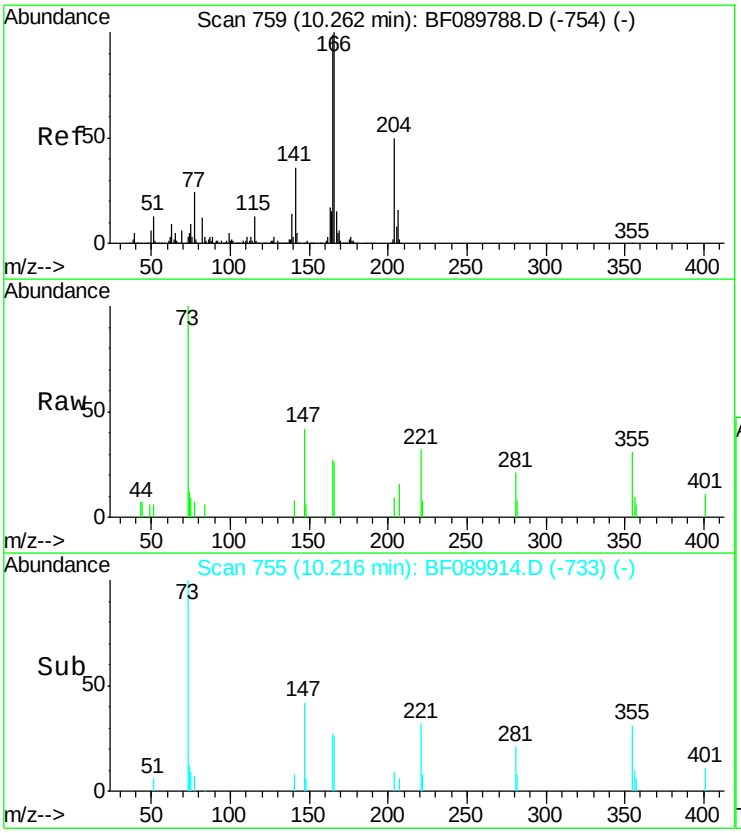
#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.23 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 72304

Ion	Ratio	Lower	Upper
165	100		
63	1.1	23.7	35.5#
89	1.0	44.0	66.0#
182	0.0	2.0	3.0#

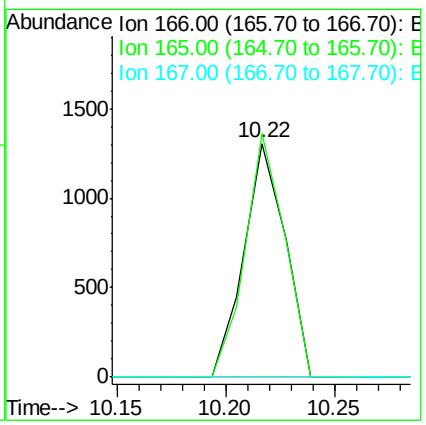


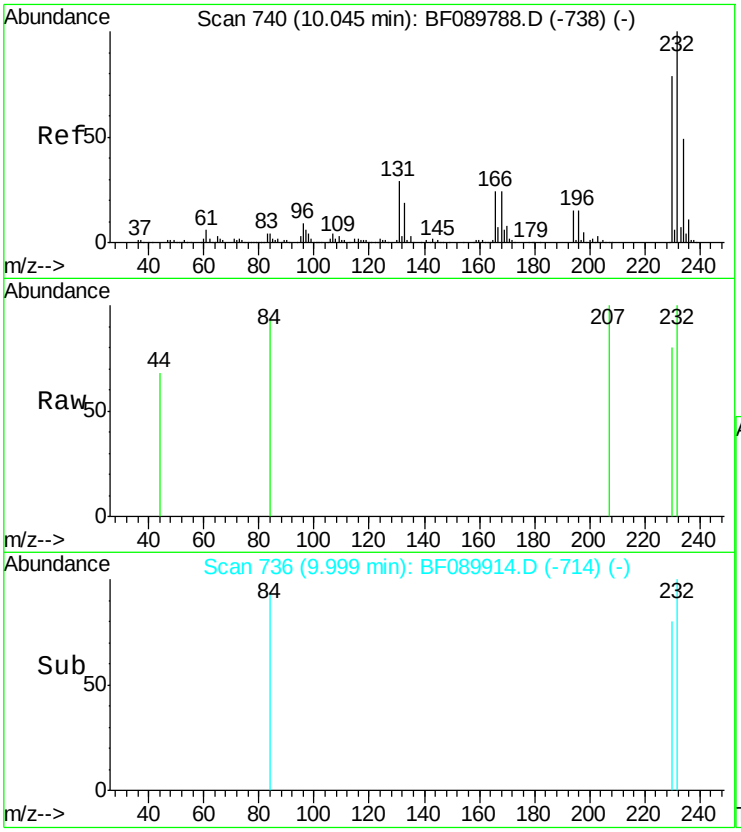


#57
Fluorene
Concen: 0.05 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:166 Resp: 1731

Ion	Ratio	Lower	Upper
166	100		
165	104.2	80.2	120.4
167	0.0	11.3	16.9#



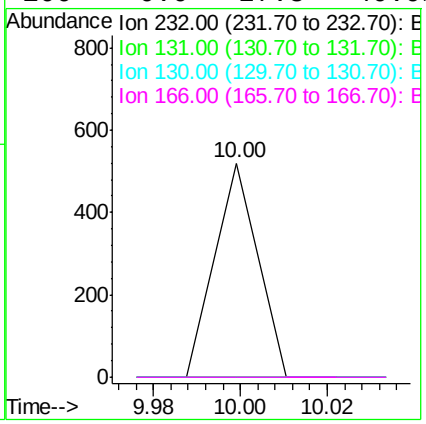


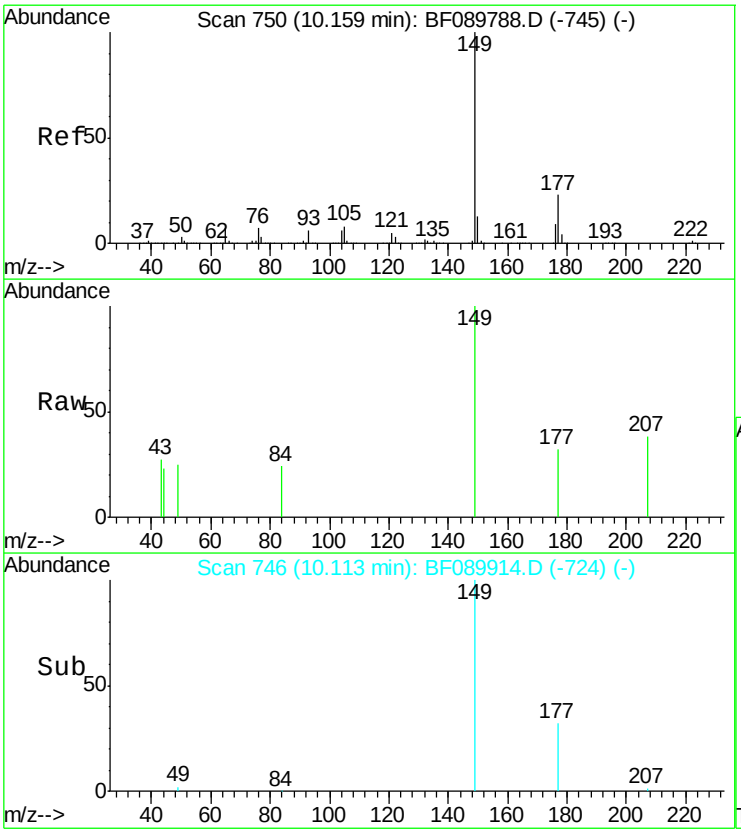
#58
2,3,4,6-Tetrachlorophenol
Concen: 0.04 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:232 Resp: 356

Ion	Ratio	Lower	Upper
232	100		
131	0.0	42.5	63.7#
130	0.0	2.2	3.4#
166	0.0	27.3	40.9#

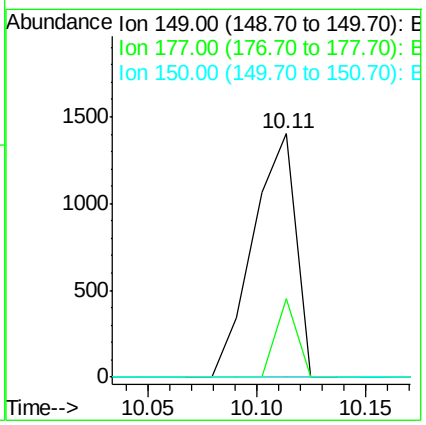


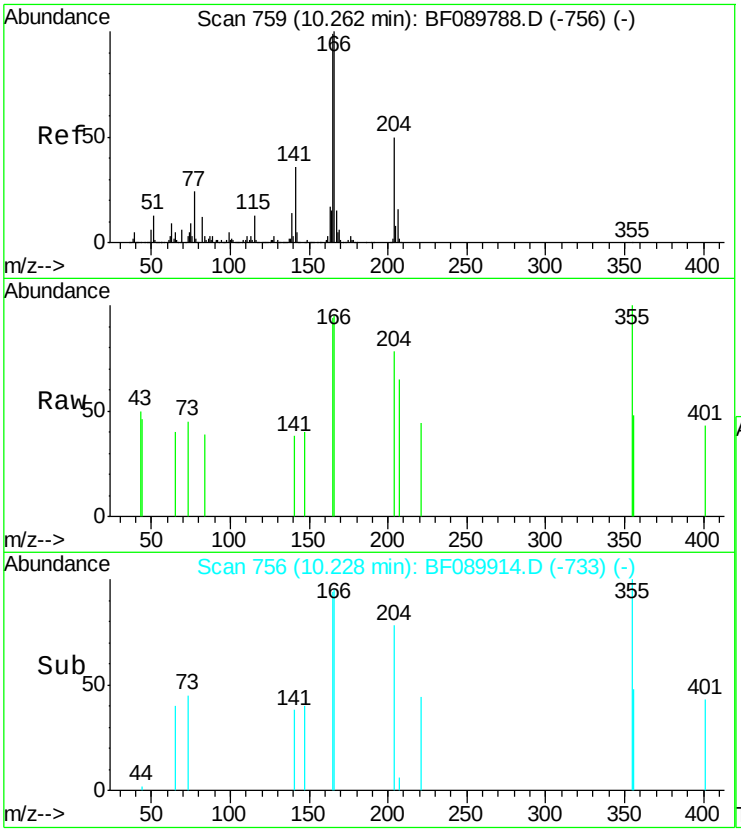


#59
Diethylphthalate
Concen: 0.05 ng
RT: 10.11 min Scan# 746
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:149 Resp: 1922

Ion	Ratio	Lower	Upper
149	100		
177	32.2	16.6	25.0#
150	0.0	10.5	15.7#



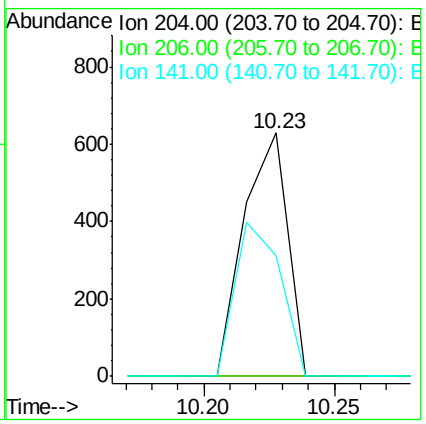


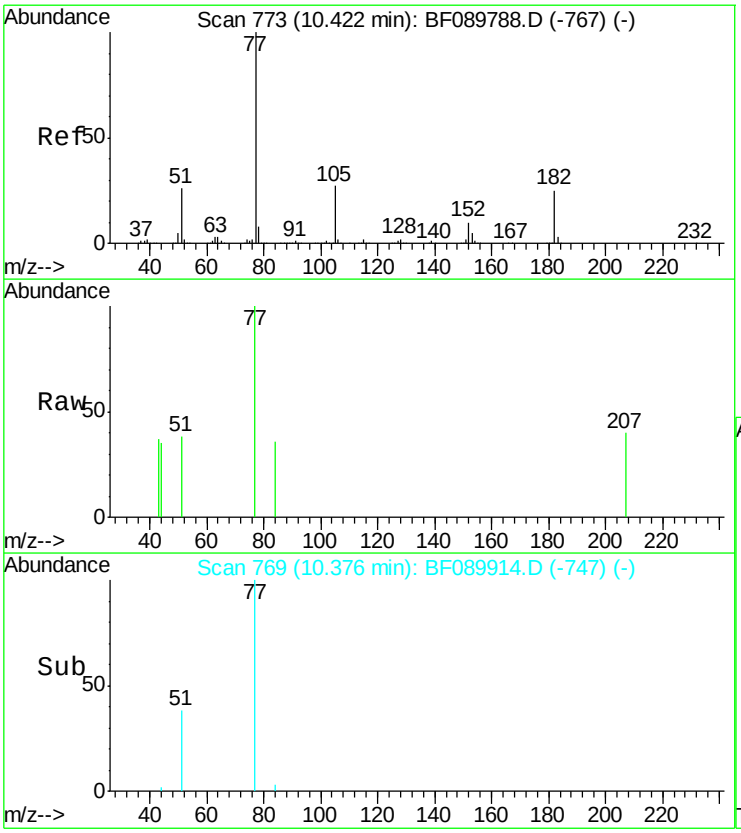
#60
4-Chlorophenyl-phenylether
Concen: 0.05 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:204 Resp: 740

Ion	Ratio	Lower	Upper
204	100		
206	0.0	26.5	39.7#
141	49.4	54.1	81.1#

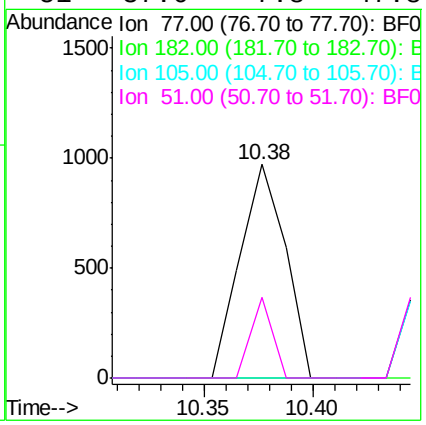


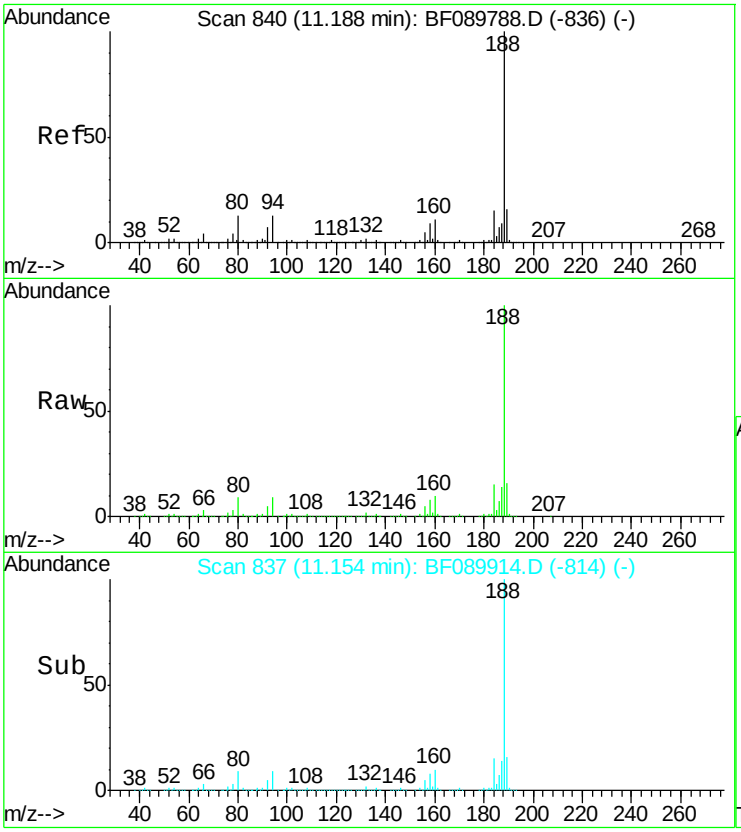


#62
Azobenzene
Concen: 0.04 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion: 77 Resp: 1411

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.6	45.6#
105	0.0	4.0	44.0#
51	37.6	7.8	47.8



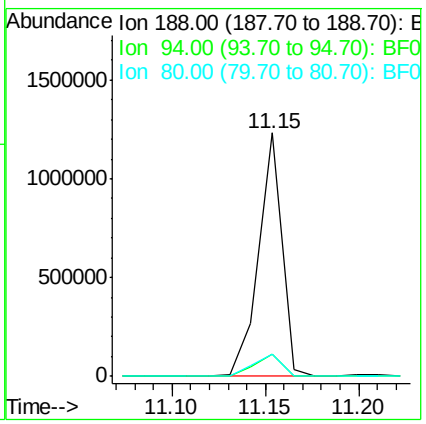


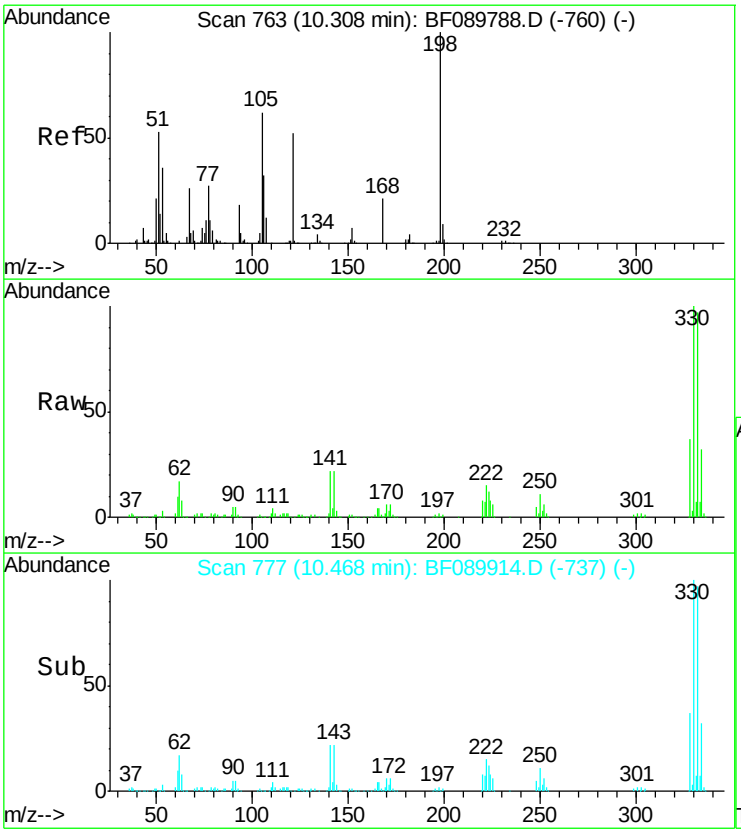
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 1064790

Ion	Ratio	Lower	Upper
188	100		
94	9.0	10.2	15.2#
80	9.0	10.9	16.3#

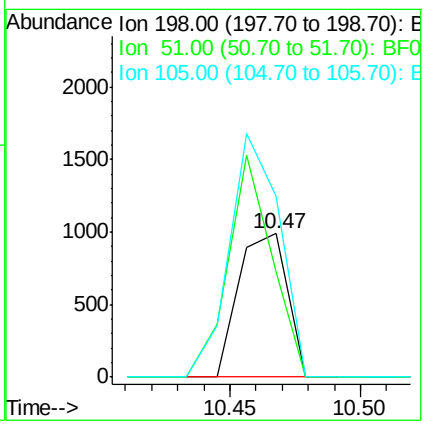


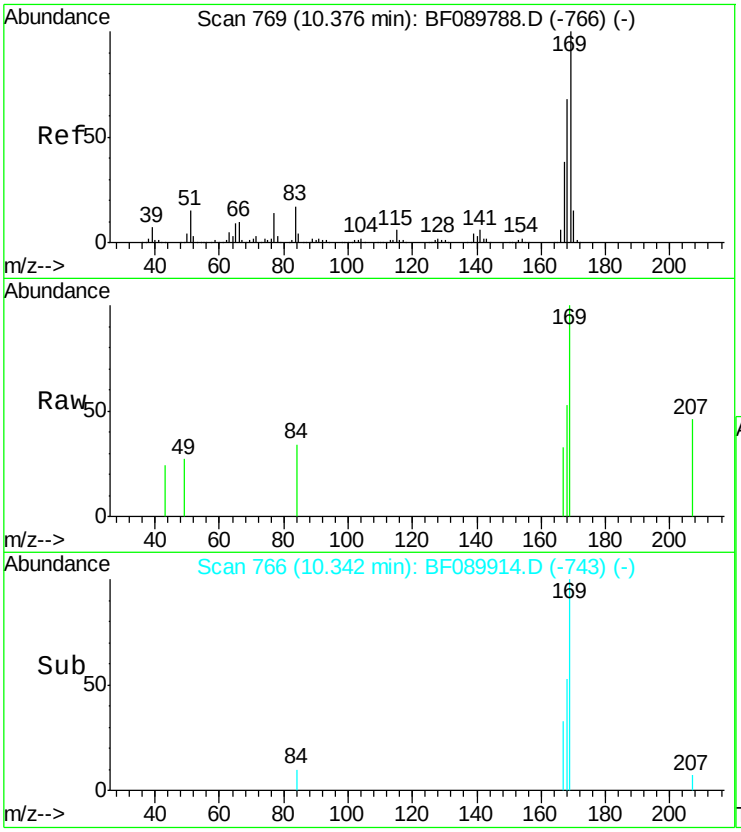


#64
4,6-Dinitro-2-methylphenol
Concen: 0.21 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.16 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:198 Resp: 1292

Ion	Ratio	Lower	Upper
198	100		
51	73.5	32.3	72.3#
105	126.3	32.9	72.9#



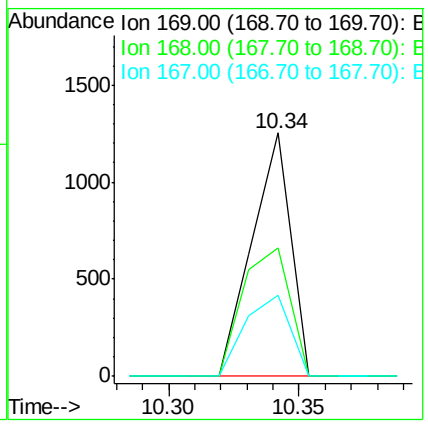


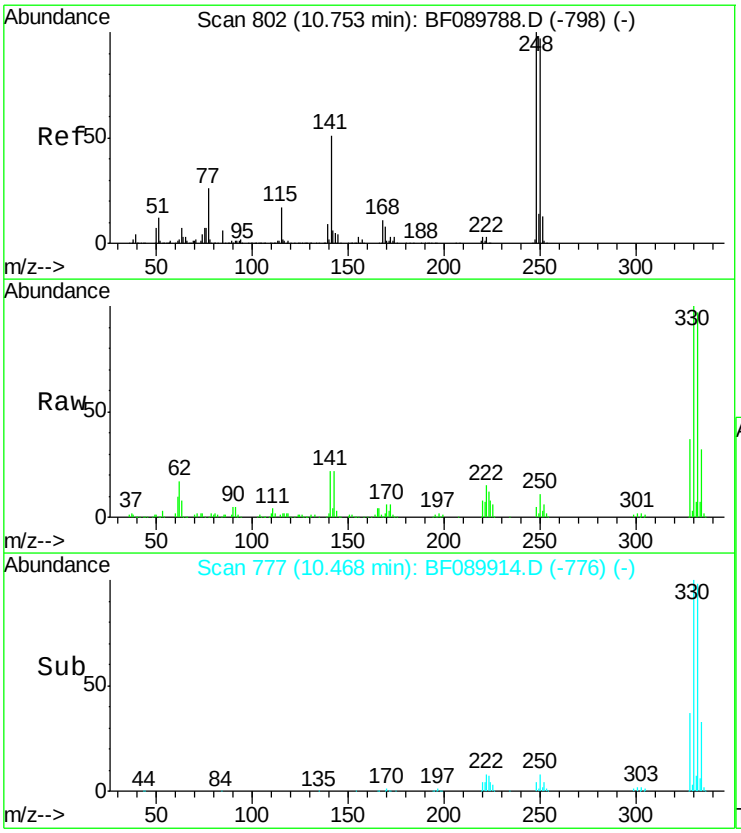
#65
n-Nitrosodiphenylamine
Concen: 0.04 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 1289

Ion	Ratio	Lower	Upper
169	100		
168	52.9	54.6	82.0#
167	33.2	30.6	45.8

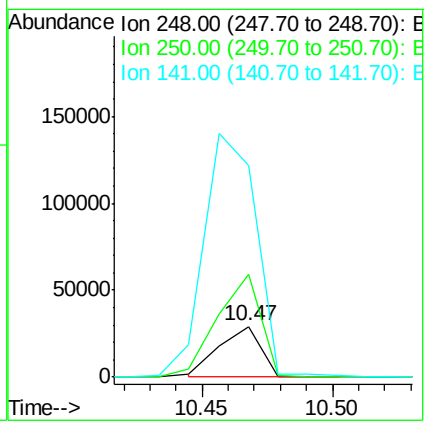


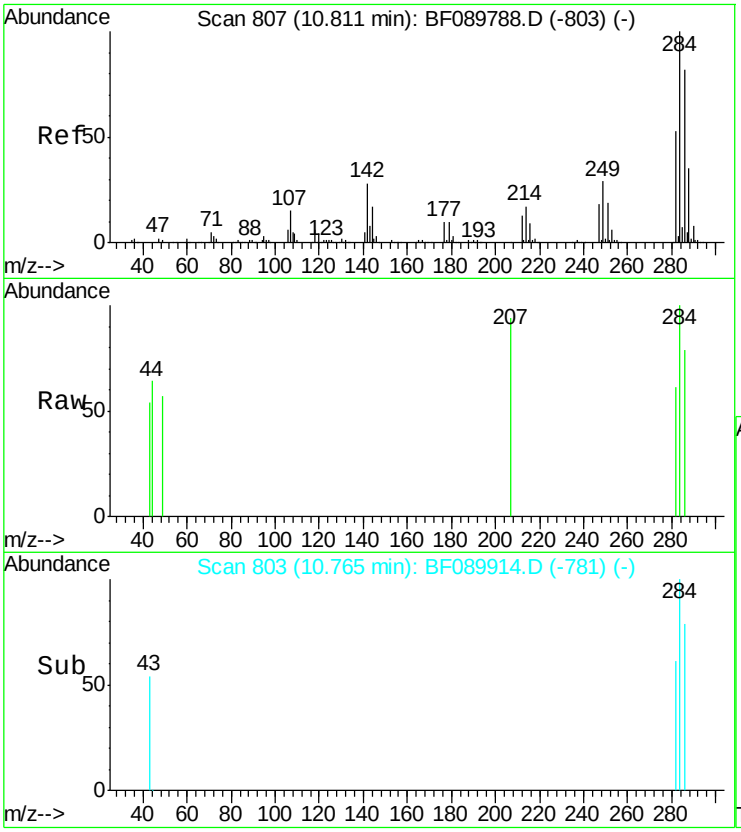


#66
4-Bromophenyl-phenylether
Concen: 2.95 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.29 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:248 Resp: 32942

Ion	Ratio	Lower	Upper
248	100		
250	202.9	78.6	117.8#
141	414.6	31.4	47.2#



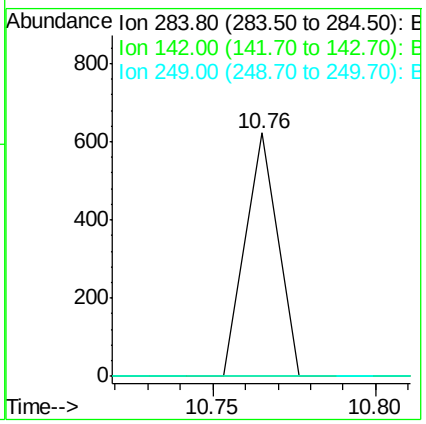


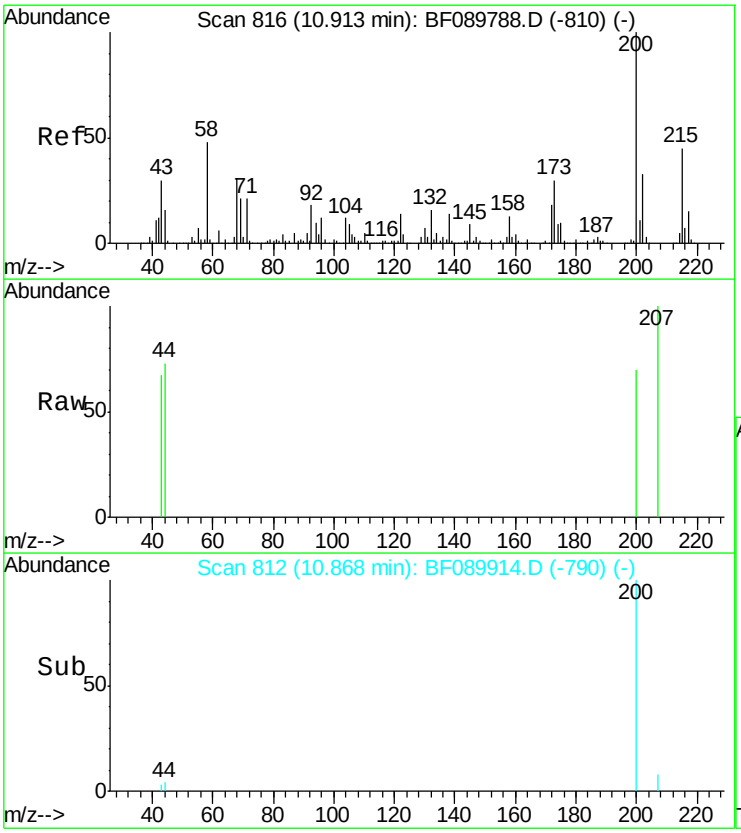
#67
Hexachlorobenzene
Concen: 0.03 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:284 Resp: 427

Ion	Ratio	Lower	Upper
284	100		
142	0.0	17.4	26.2#
249	0.0	22.8	34.2#

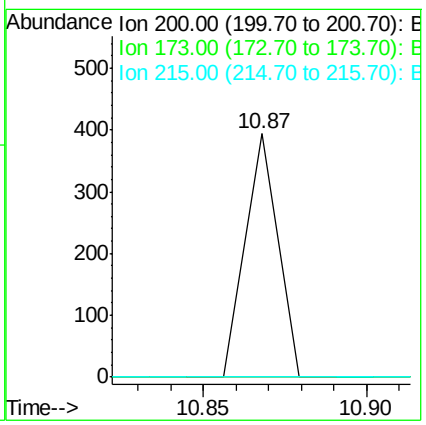


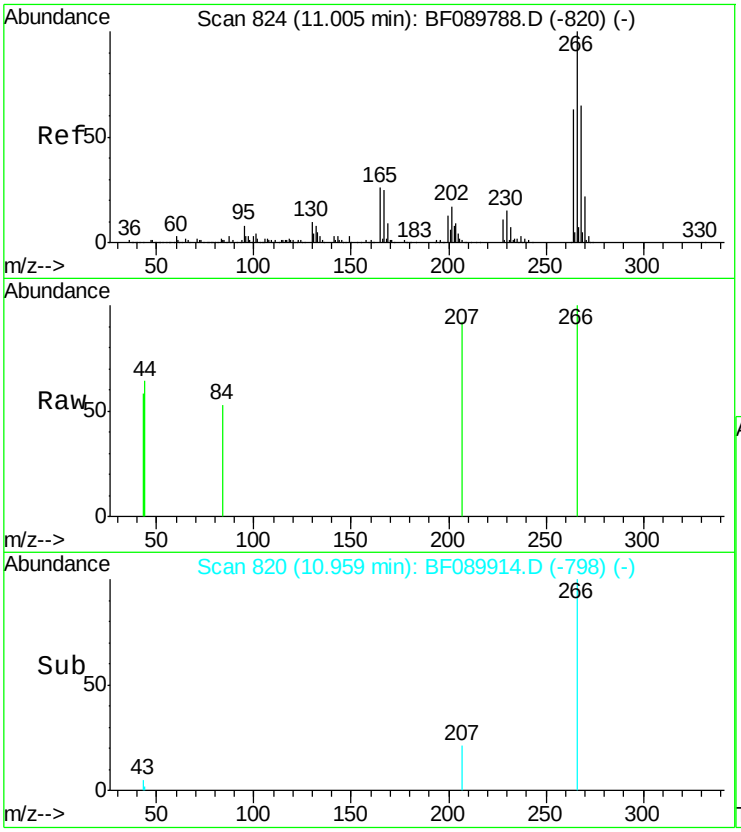


#68
Atrazine
Concen: 0.03 ng
RT: 10.87 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:200 Resp: 270

Ion	Ratio	Lower	Upper
200	100		
173	0.0	6.6	46.6#
215	0.0	24.7	64.7#



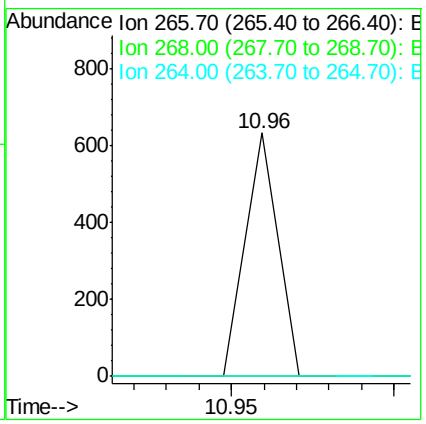


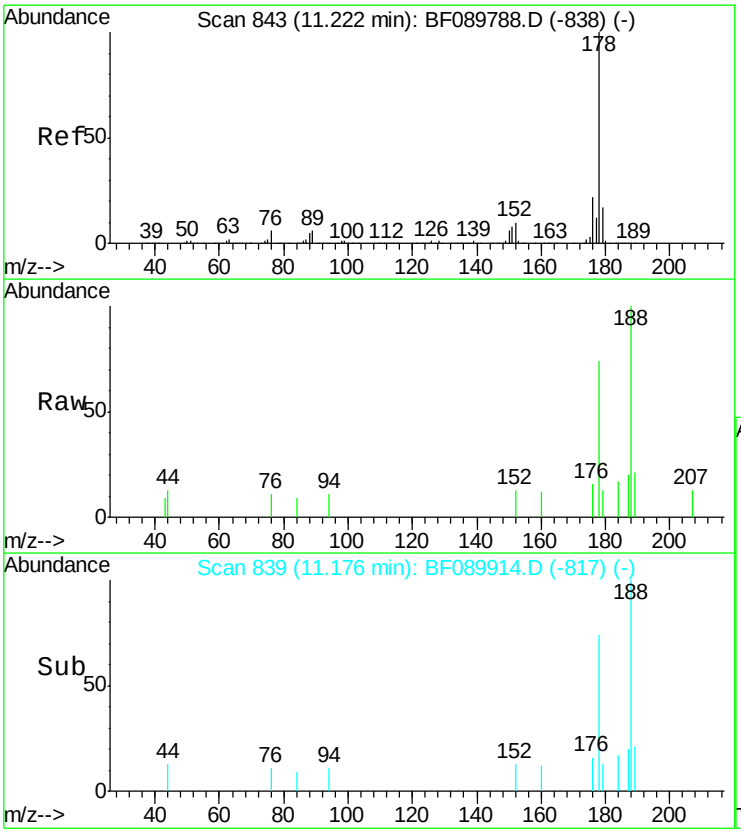
#69
Pentachlorophenol
Concen: 0.06 ng
RT: 10.96 min Scan# 820
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:266 Resp: 435

Ion	Ratio	Lower	Upper
266	100		
268	0.0	53.2	79.8#
264	0.0	51.1	76.7#

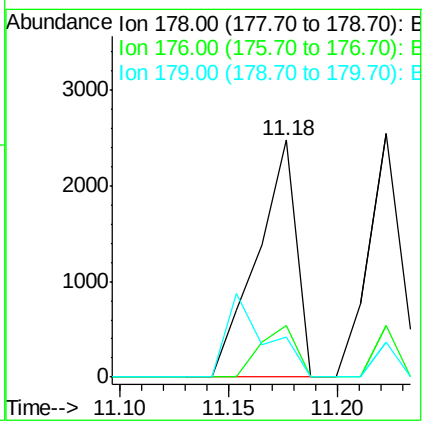


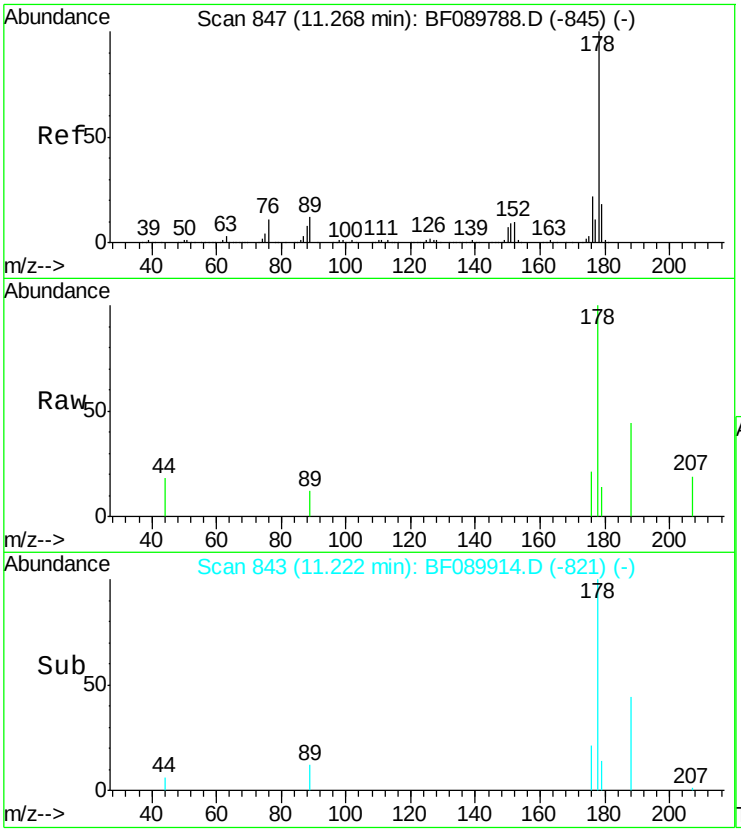


#70
Phenanthrene
Concen: 0.06 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:178 Resp: 3132

Ion	Ratio	Lower	Upper
178	100		
176	21.9	16.4	24.6
179	16.9	12.5	18.7



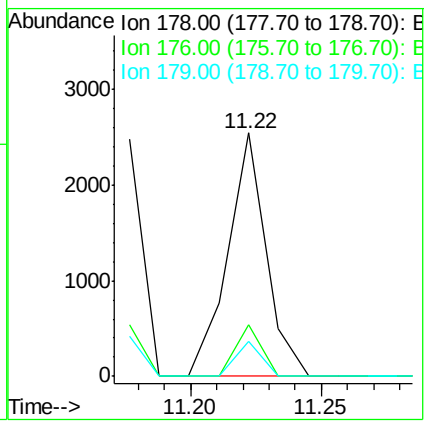


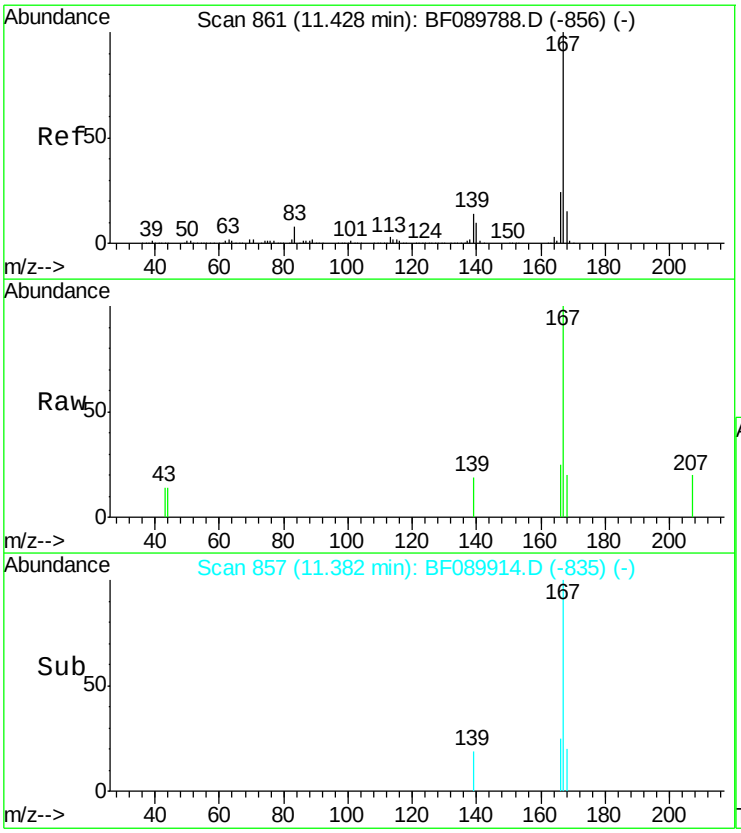
#71
Anthracene
Concen: 0.05 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 2614

Ion	Ratio	Lower	Upper
178	100		
176	21.2	16.4	24.6
179	14.4	13.1	19.7

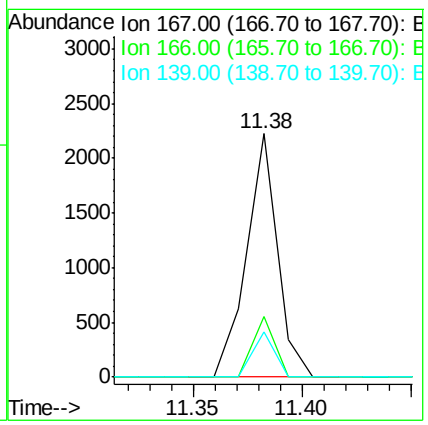


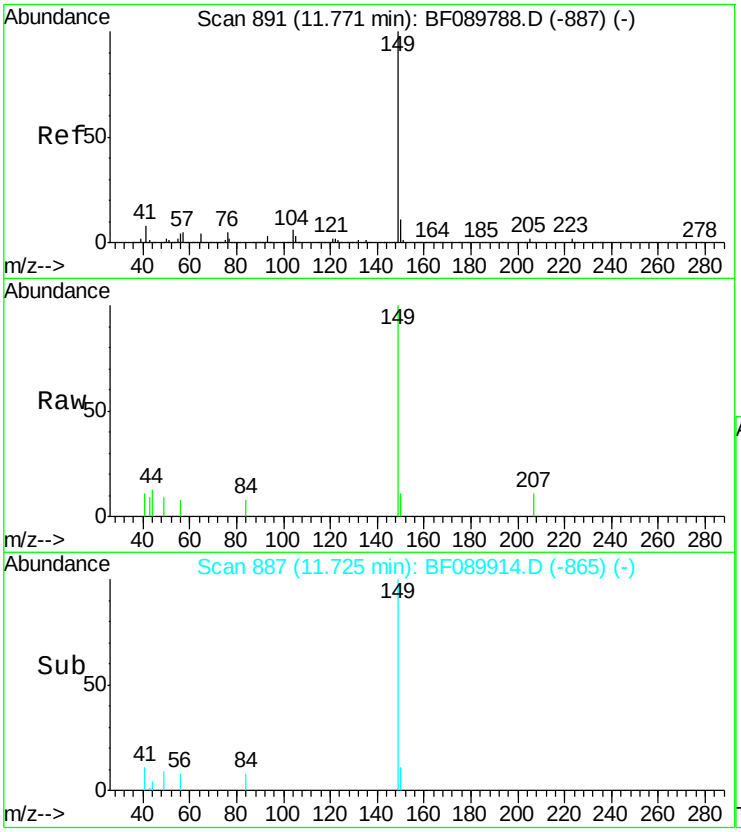


#72
Carbazole
Concen: 0.04 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:167 Resp: 2192

Ion	Ratio	Lower	Upper
167	100		
166	24.8	17.9	26.9
139	18.5	12.4	18.6



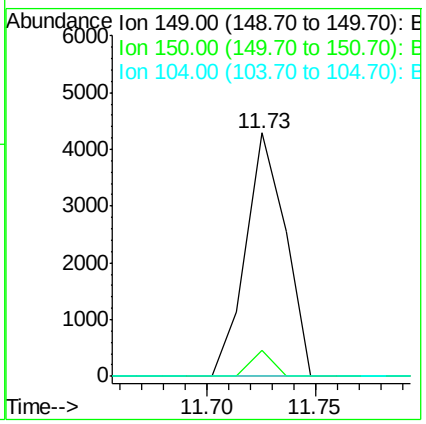


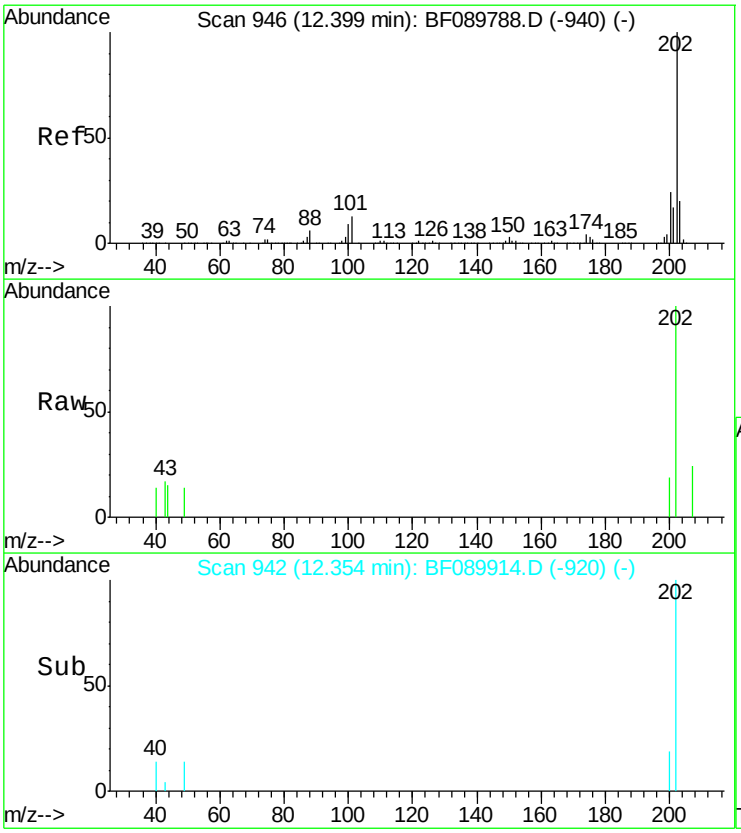
#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 11.73 min Scan# 887
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 5472

Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.9	11.9
104	0.0	4.3	6.5#

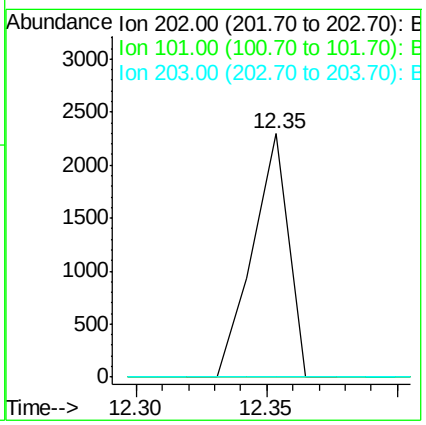


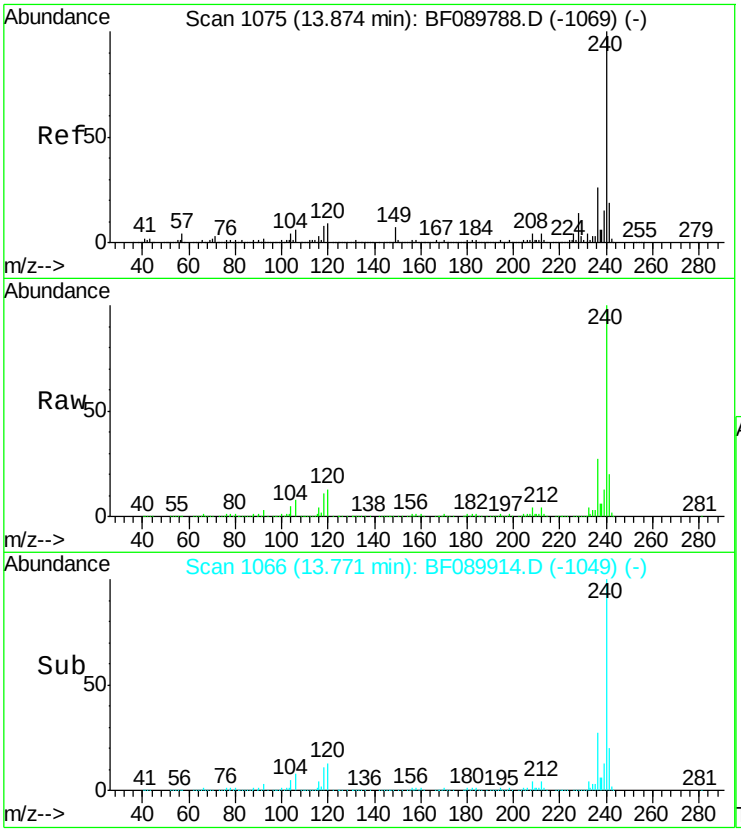


#74
Fluoranthene
Concen: 0.04 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:202 Resp: 2219

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



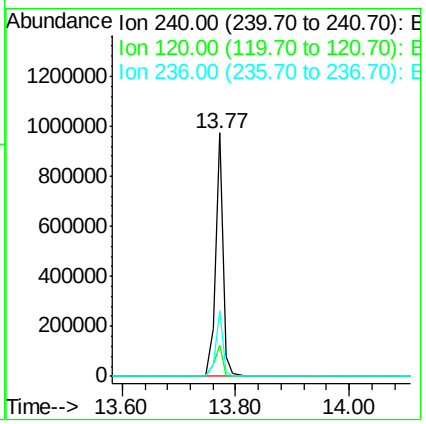


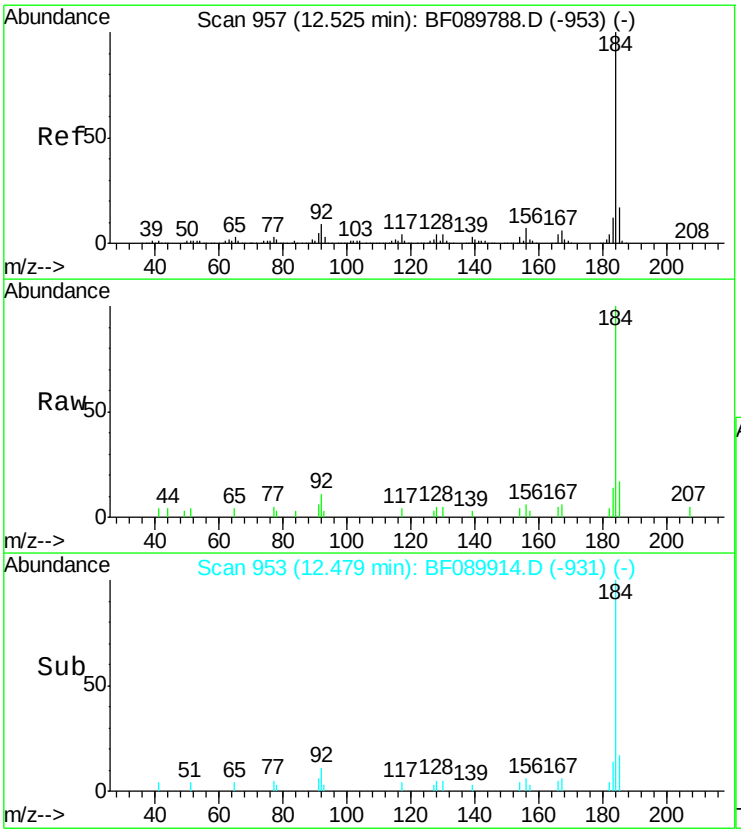
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.10 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 870982

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.3	12.5#
236	27.0	21.3	31.9

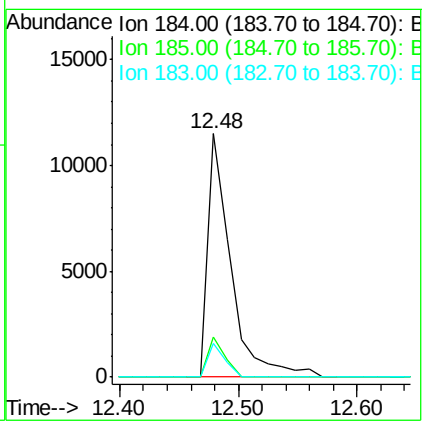


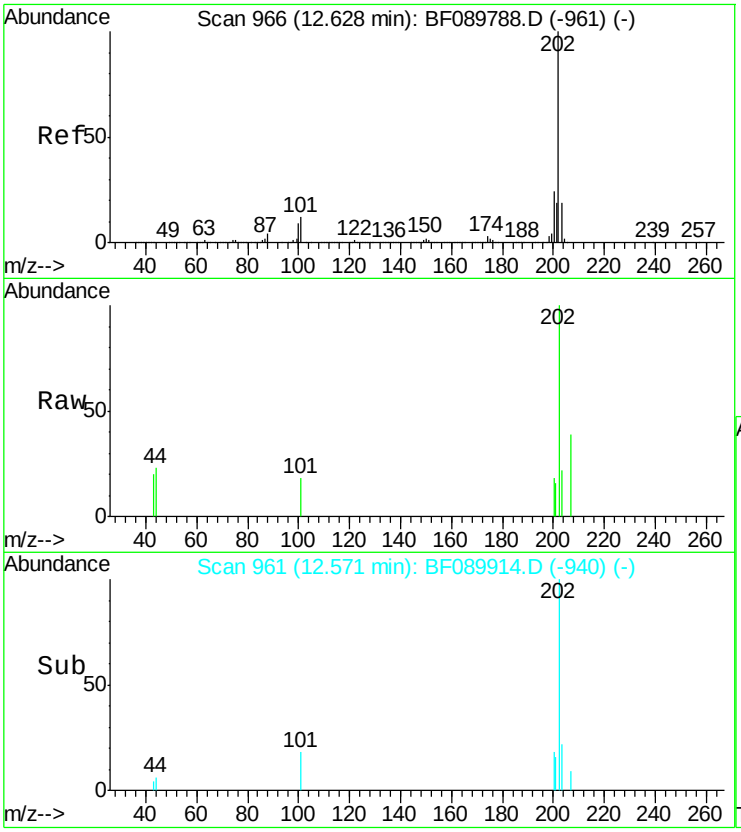


#76
Benzidine
Concen: 0.55 ng
RT: 12.48 min Scan# 953
Delta R.T. -0.05 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:184 Resp: 15426

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.8	20.8
183	13.7	9.7	14.5



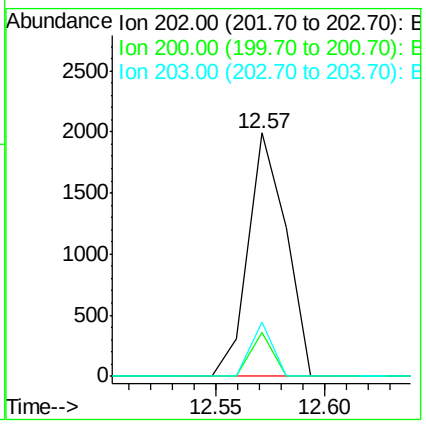


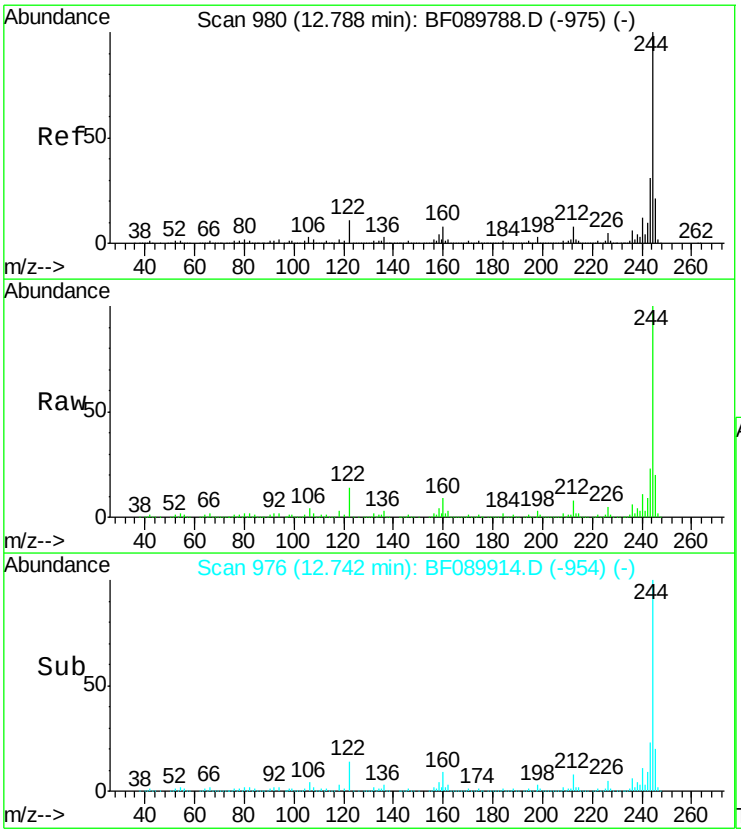
#77
Pyrene
Concen: 0.03 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 2410

Ion	Ratio	Lower	Upper
202	100		
200	18.2	17.8	26.6
203	22.4	14.2	21.4#

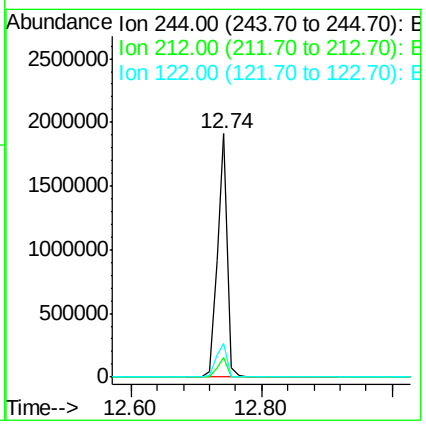


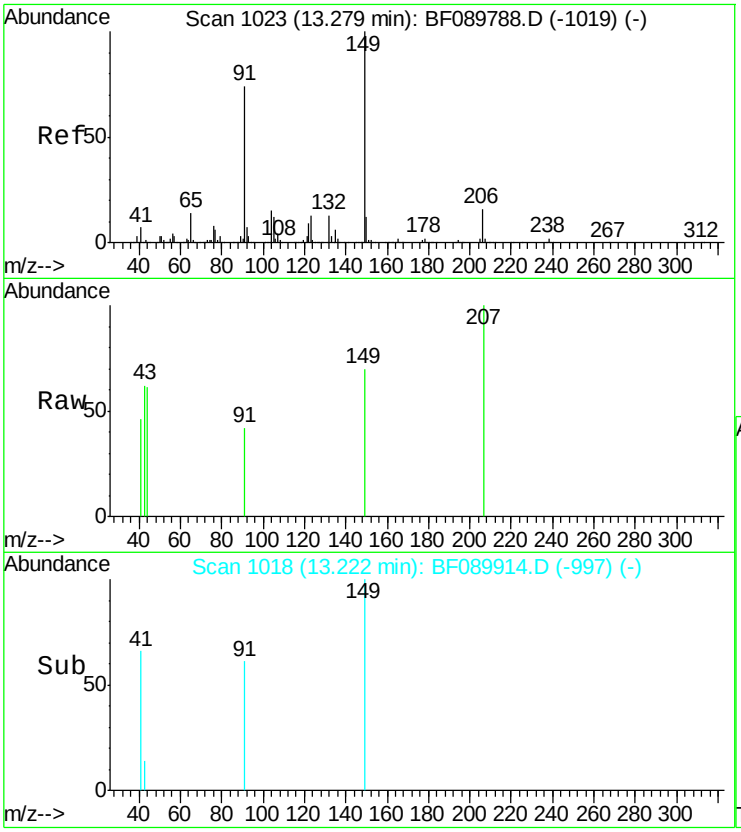


#78
Terphenyl-d14
Concen: 52.94 ng
RT: 12.74 min Scan# 976
Delta R.T. -0.04 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:244 Resp: 2038350

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	13.7	12.0	18.0



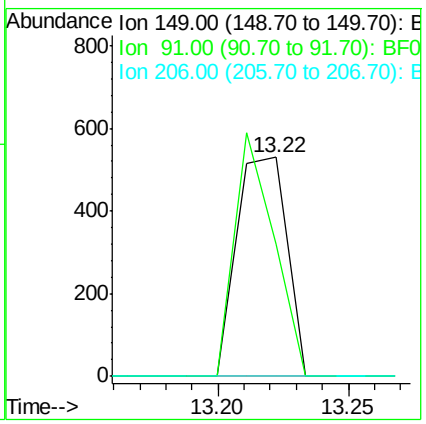


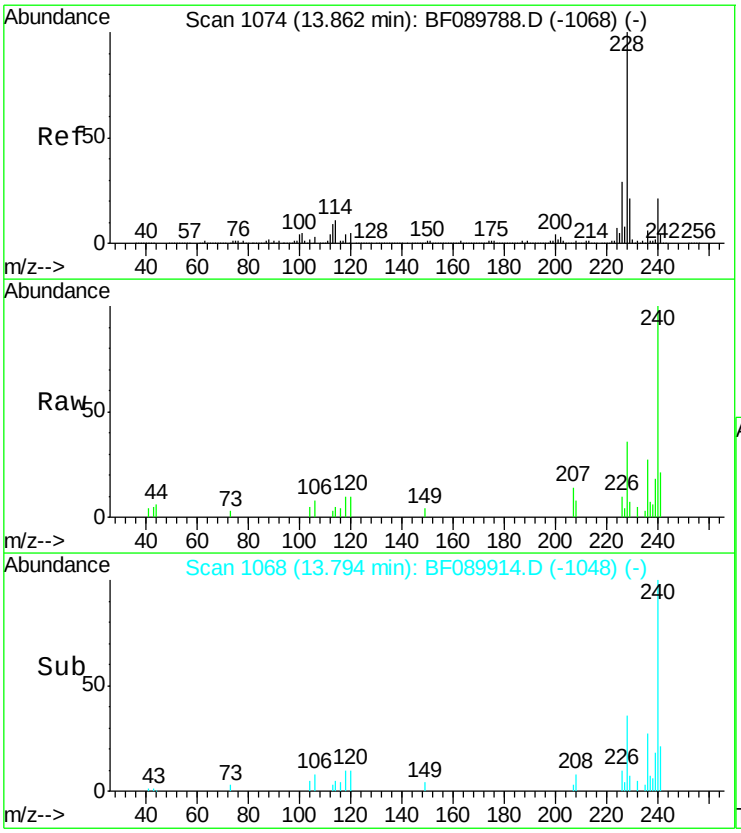
#79
Butylbenzylphthalate
Concen: 0.02 ng
RT: 13.22 min Scan# 1018
Delta R.T. -0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 716

Ion	Ratio	Lower	Upper
149	100		
91	60.6	50.7	76.1
206	0.0	15.5	23.3#

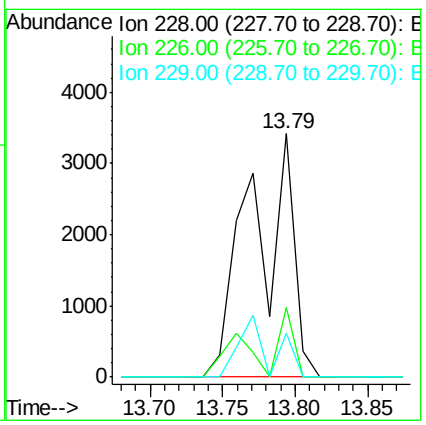


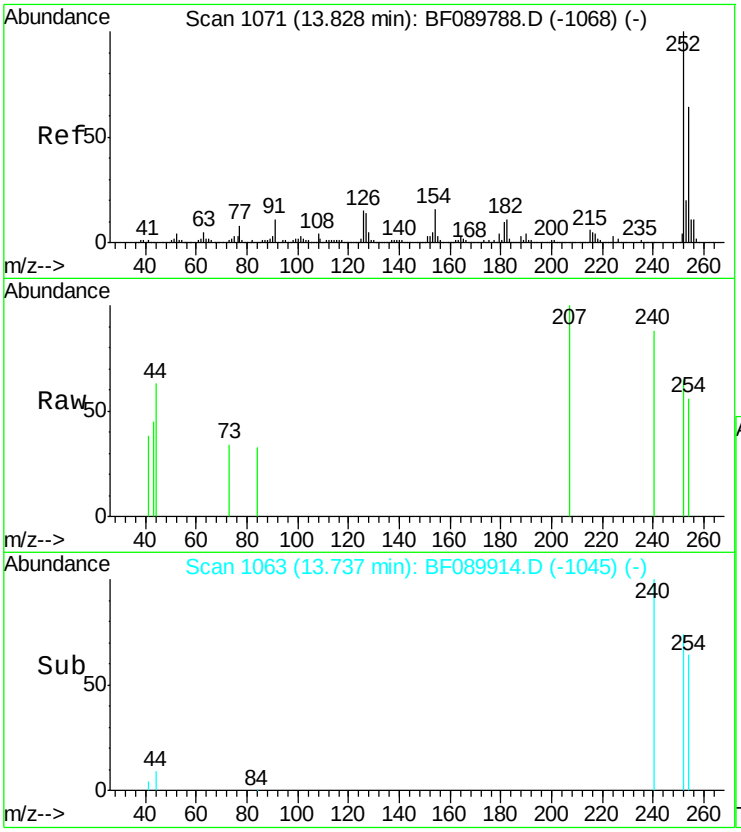


#80
Benzo(a)anthracene
Concen: 0.14 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.07 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:228 Resp: 6863

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.2	34.8
229	18.2	16.2	24.4



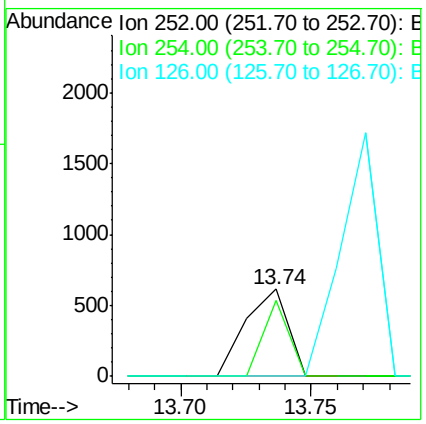


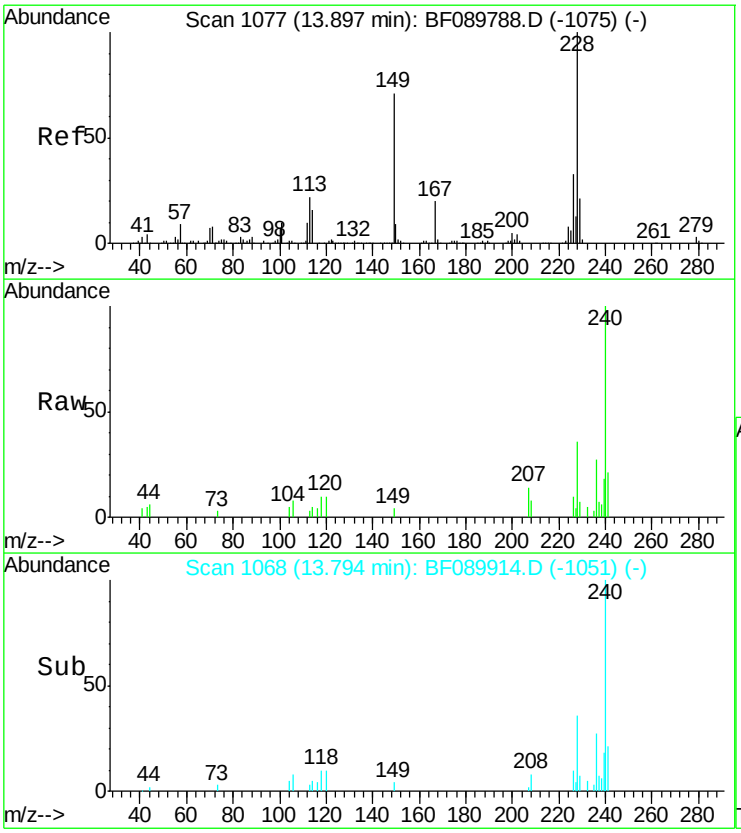
#81
3,3'-Dichlorobenzidine
Concen: 0.04 ng
RT: 13.74 min Scan# 1063
Delta R.T. -0.09 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 701

Ion	Ratio	Lower	Upper
252	100		
254	86.8	50.6	75.8#
126	0.0	12.6	18.8#

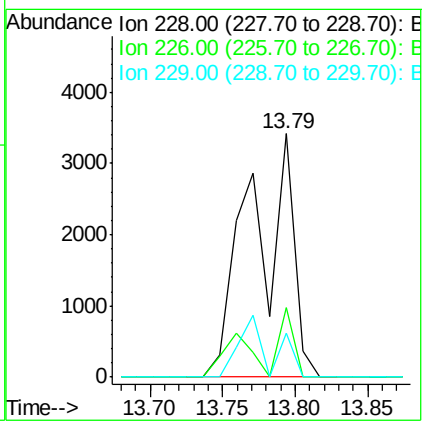


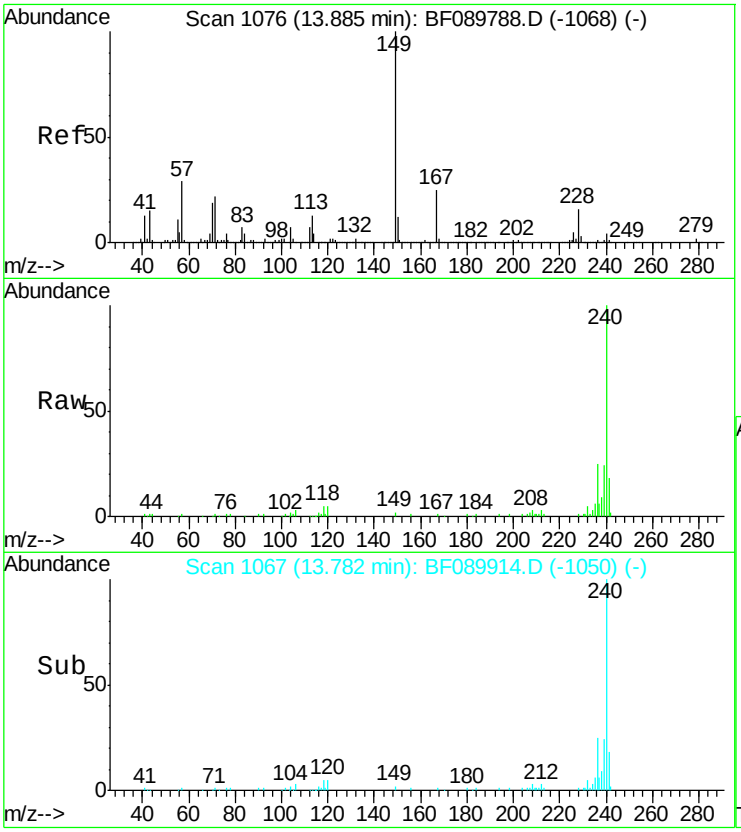


#82
Chrysene
Concen: 0.16 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.10 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:228 Resp: 6863

Ion	Ratio	Lower	Upper
228	100		
226	28.8	25.4	38.0
229	18.2	16.5	24.7



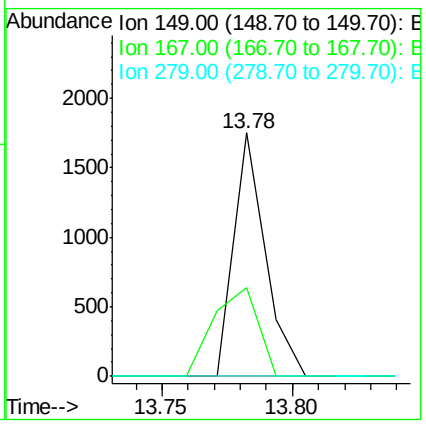


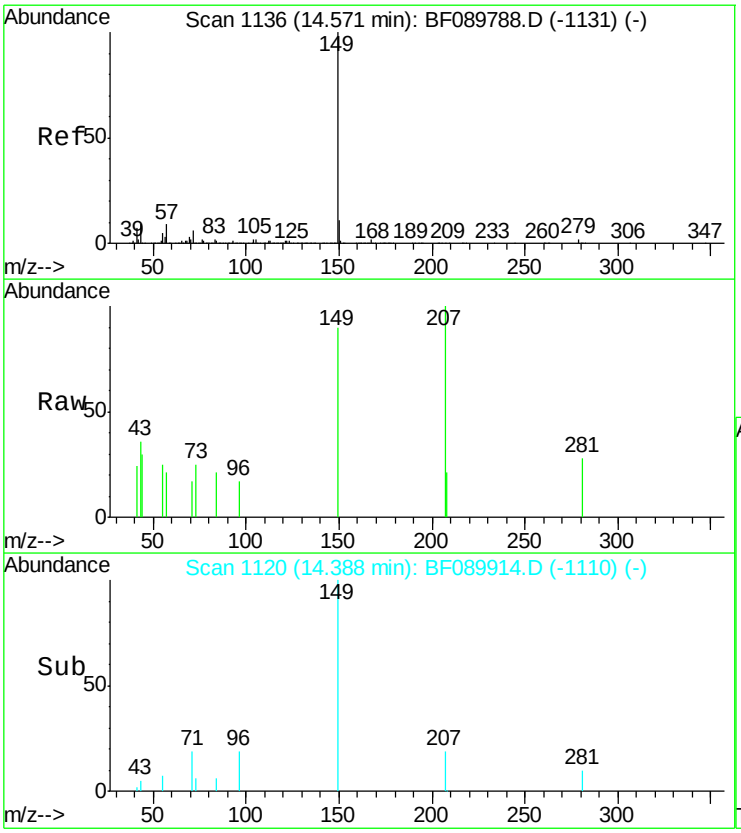
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.03 ng
RT: 13.78 min Scan# 1067
Delta R.T. -0.10 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 1484

Ion	Ratio	Lower	Upper
149	100		
167	36.4	21.2	31.8#
279	0.0	2.9	4.3#

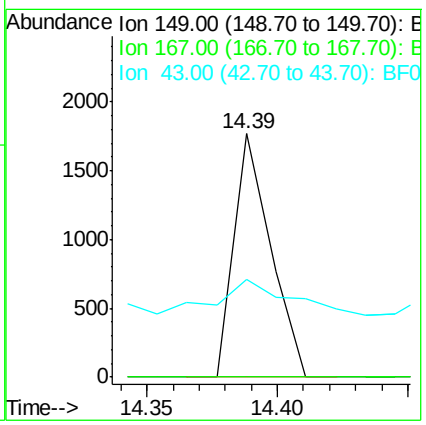


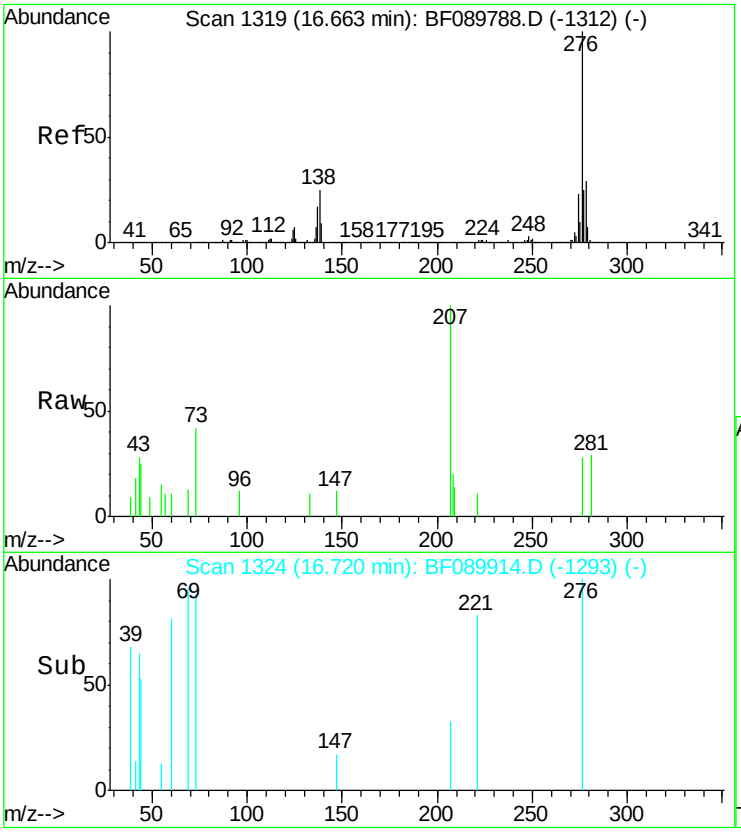


#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 14.39 min Scan# 1120
Delta R.T. -0.18 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:149 Resp: 1739

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	30.4	8.4	12.6#



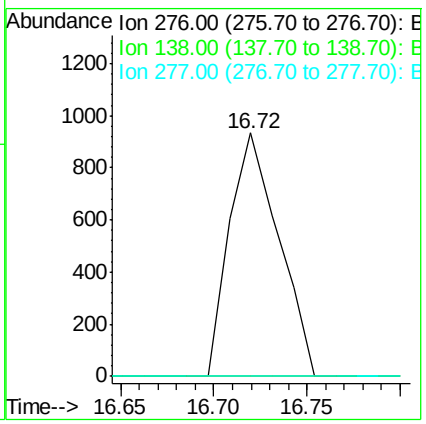


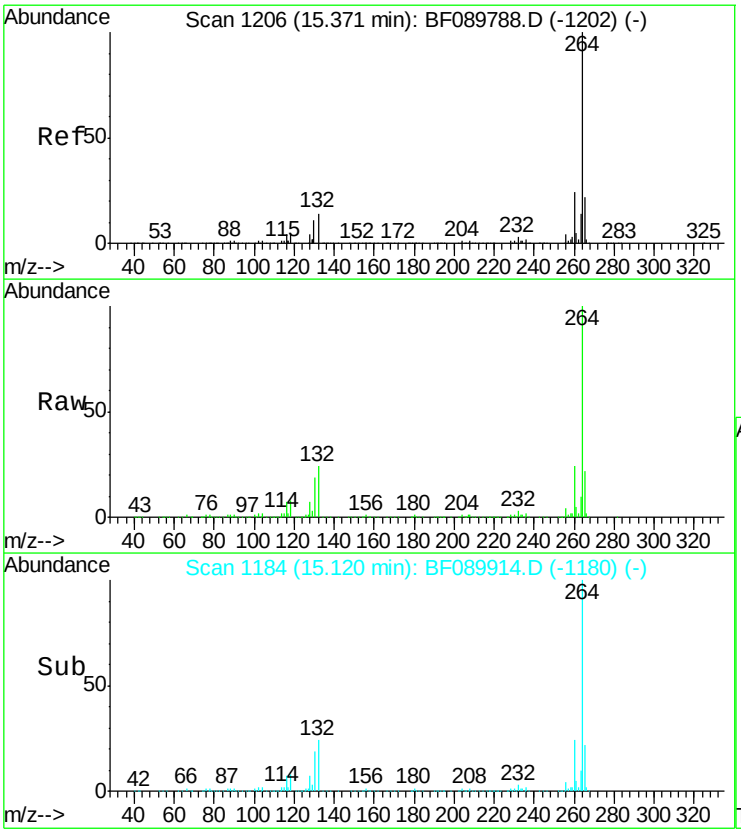
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.06 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1712

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

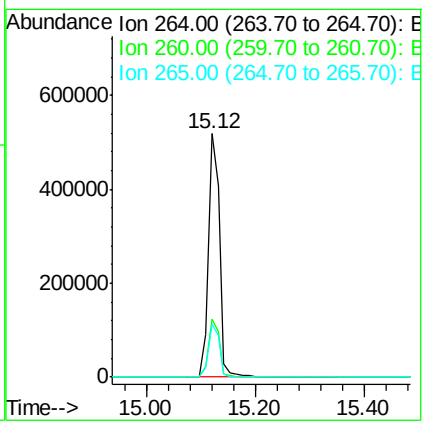


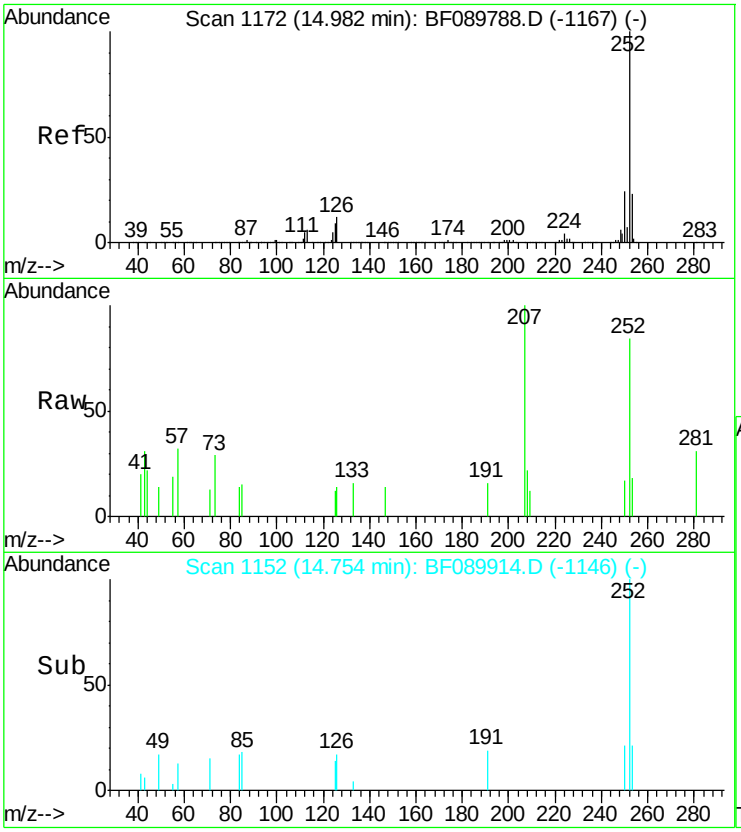


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.12 min Scan# 1184
Delta R.T. -0.25 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:264 Resp: 740580

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.2	30.2
265	21.9	17.4	26.2



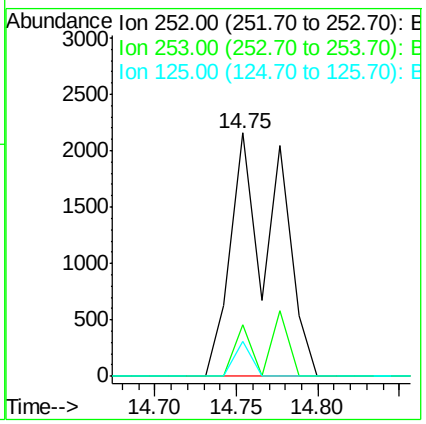


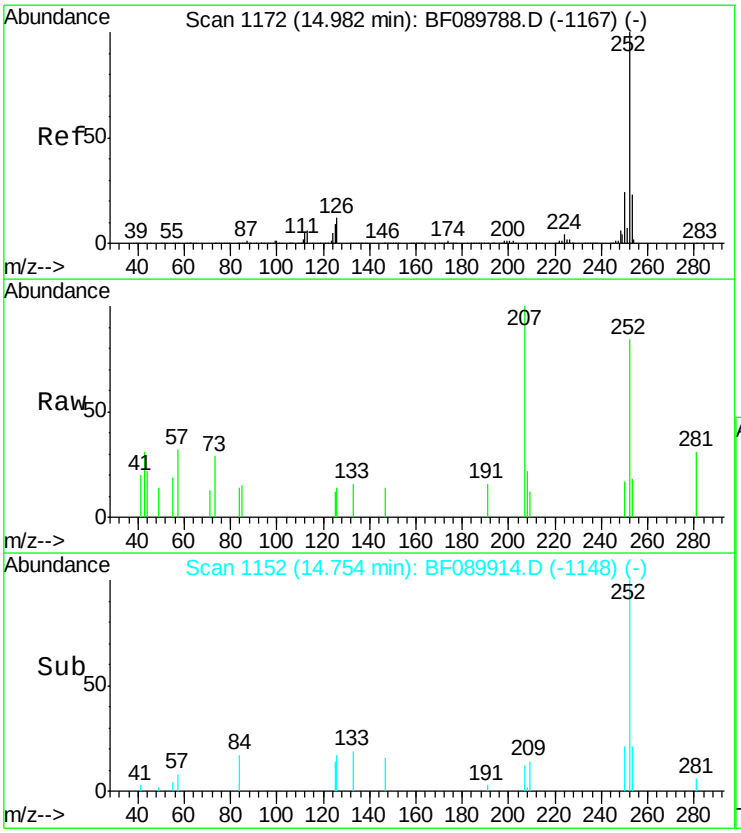
#87
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.23 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 4145

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	14.3	11.4	17.2

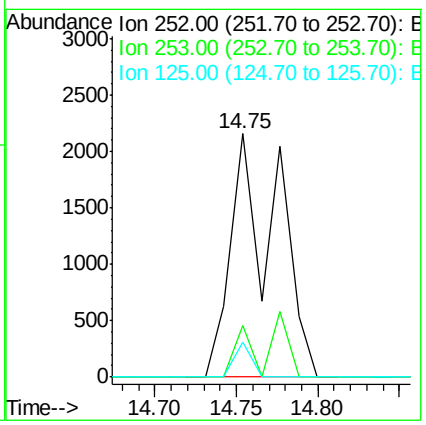


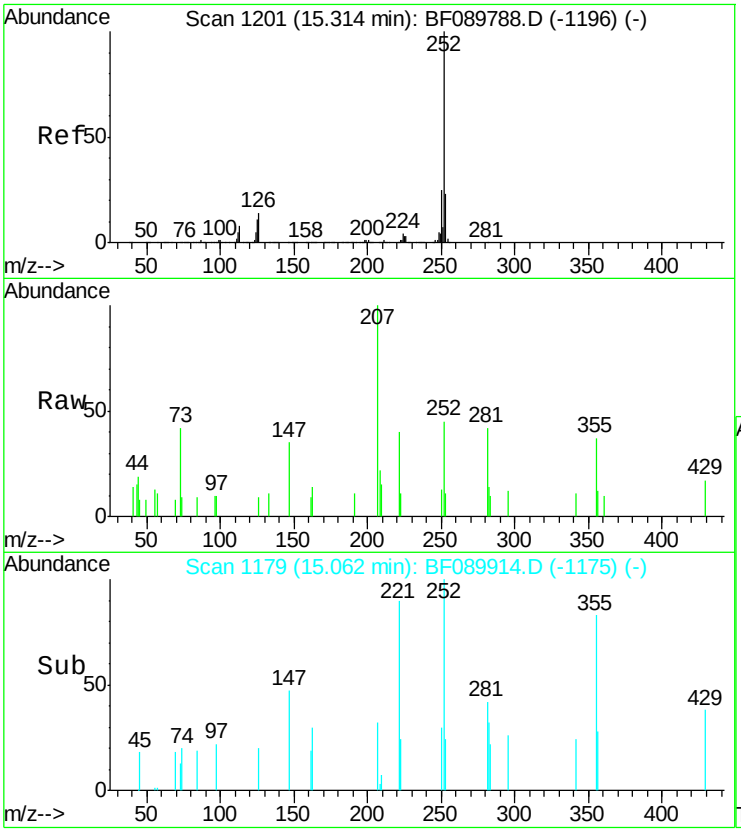


#88
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.25 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:252 Resp: 4145

Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.4	27.6
125	14.3	9.8	14.6



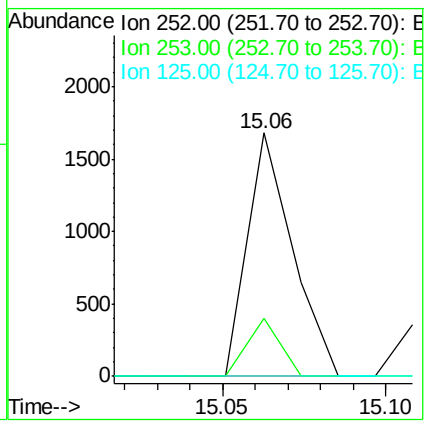


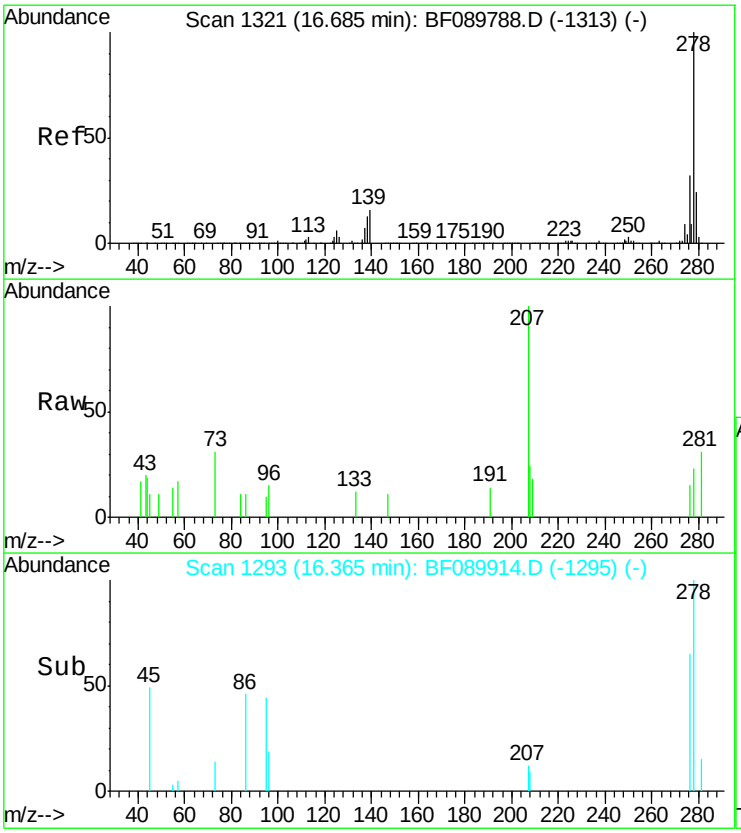
#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.25 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 1595

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	0.0	11.7	17.5#

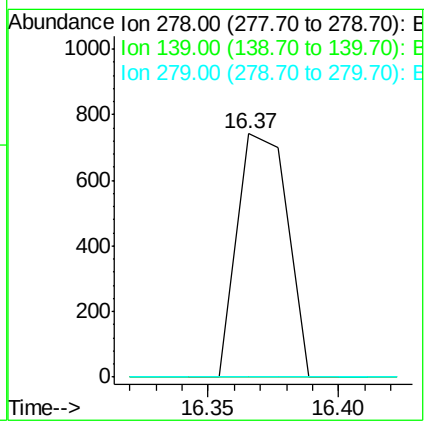


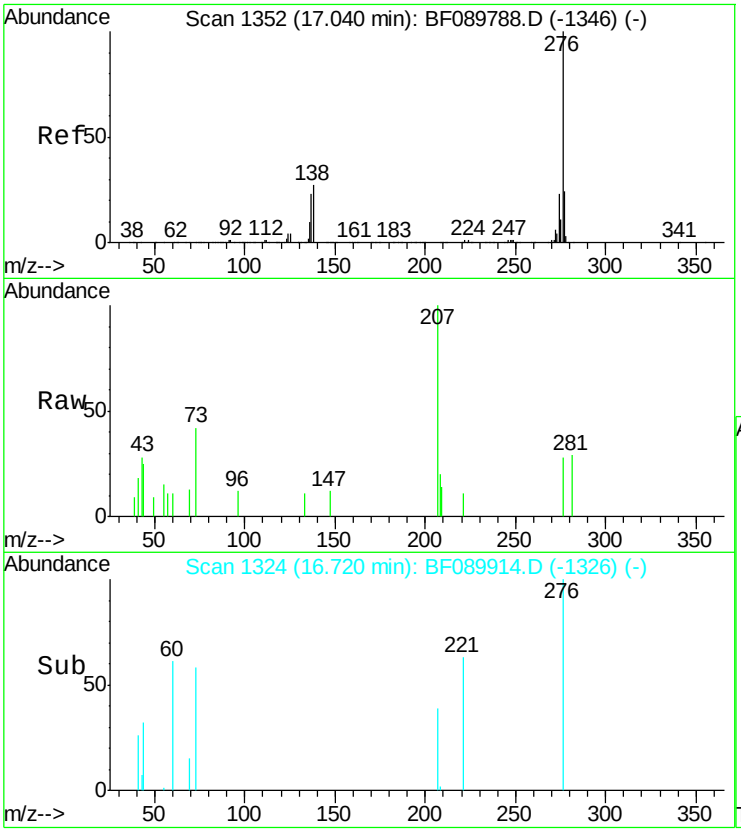


#90
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 16.37 min Scan# 1293
Delta R.T. -0.32 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Tgt Ion:278 Resp: 989

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





#91
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 16.72 min Scan# 1324
Delta R.T. -0.32 min
Lab File: BF089914.D
Acq: 26 Aug 2016 18:17

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1712

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.2	28.8#
138	0.0	22.1	33.1#