Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089895.D
Acq On : 25 Aug 2016 2:00
Operator : UM/SJ
Sample : H4576-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15A-(18-20)MSD

Quant Time: Aug 25 12:24:25 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	6.67	152	407126	20.00	ng		-0.01
21) Naphthalene-d8	7.95	136	1620492	20.00	ng		-0.02
38) Acenaphthene-d10	9.71	164	796961	20.00	ng		0.00
63) Phenanthrene-d10	11.19	188	1511700	20.00	ng		0.00
75) Chrysene-d12	13.85	240	1209569	20.00	ng		-0.02
86) Perylene-d12	15.33	264	983040	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	3371840	142.03	ng		-0.01
7) Phenol-d6	6.32	99	4168544	143.04	ng		0.00
23) Nitrobenzene-d5	7.23	82	2553382	97.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	1045891	138.09	ng		0.00
44) 2-Fluorobiphenyl	9.04	172	3596520	79.31	ng		-0.01
78) Terphenyl-d14	12.78	244	3216243	60.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	450151	38.31	ng		97
3) Pyridine	2.81	79	1292257	41.94	ng		92
4) n-Nitrosodimethylamine	2.78	42	558481	48.68	ng	#	86
6) Aniline	6.33	93	1303680	33.35	ng	#	17
8) 2-Chlorophenol	6.46	128	1330557	46.87	ng	#	79
9) Benzaldehyde	6.20	77	285381	15.03	ng		85
10) Phenol	6.33	94	1854443	54.29	ng		92
11) bis(2-Chloroethyl)ether	6.41	93	1166168	44.03	ng		100
12) 1,3-Dichlorobenzene	6.60	146	1257152	42.36	ng		98
13) 1,4-Dichlorobenzene	6.68	146	1352950	44.35	ng		99
14) 1,2-Dichlorobenzene	6.84	146	1257240	44.15	ng		98
15) Benzyl Alcohol	6.82	79	1013848	52.46	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1365258	40.28	ng		94
17) 2-Methylphenol	6.94	107	1021504	45.94	ng		96
18) Hexachloroethane	7.19	117	490951	45.12	ng		91
19) n-Nitroso-di-n-propylamine	7.10	70	788523	42.31	ng	#	88
20) 3+4-Methylphenols	7.10	107	1363663	50.02	ng	#	52
22) Acetophenone	7.08	105	1490957	40.07	ng	#	88
24) Nitrobenzene	7.26	77	1238884	42.33	ng		96
25) Isophorone	7.50	82	2348192	44.64	ng		98
26) 2-Nitrophenol	7.58	139	781732	53.54	ng		97
27) 2,4-Dimethylphenol	7.62	122	1157652	43.99	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	1544002	47.44	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	1077820	48.81	ng		95
30) 1,2,4-Trichlorobenzene	7.90	180	1043305	42.71	ng		98
31) Naphthalene	7.98	128	3238426	42.76	ng		98
32) Benzoic acid	7.70	122	164025	8.00	ng		95
33) 4-Chloroaniline	8.03	127	684264	20.84	ng		98
34) Hexachlorobutadiene	8.10	225	533674	41.73	ng		100
35) Caprolactam	8.40	113	309089	45.97	ng		94
36) 4-Chloro-3-methylphenol	8.52	107	1171904	49.00	ng		99
37) 2-Methylnaphthalene	8.67	142	2457721	50.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	771932	29.91	ng		97
40) Hexachlorocyclopentadiene	8.83	237	949223	105.94	ng		98

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089895.D
Acq On : 25 Aug 2016 2:00
Operator : UM/SJ
Sample : H4576-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-15A-(18-20)MSD

Quant Time: Aug 25 12:24:25 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)
42) 2,4,6-Trichlorophenol	8.95	196	710514	43.76	ng		99
43) 2,4,5-Trichlorophenol	8.99	196	758315	46.96	ng		99
45) 1,1'-Biphenyl	9.14	154	2569050	41.66	ng		94
46) 2-Chloronaphthalene	9.15	162	2038057	41.80	ng		99
47) 2-Nitroaniline	9.26	65	752052	54.09	ng	#	82
48) Acenaphthylene	9.56	152	3363976	45.92	ng		99
49) Dimethylphthalate	9.45	163	3923984	69.93	ng		97
50) 2,6-Dinitrotoluene	9.51	165	649481	50.13	ng	#	73
51) Acenaphthene	9.75	154	2294314	47.32	ng		99
52) 3-Nitroaniline	9.67	138	535949	37.34	ng		80
53) 2,4-Dinitrophenol	9.77	184	259011	43.02	ng	#	73
54) Dibenzofuran	9.92	168	3202999	52.60	ng	#	89
55) 4-Nitrophenol	9.84	139	1167926	99.69	ng		94
56) 2,4-Dinitrotoluene	9.91	165	792319	47.13	ng		91
57) Fluorene	10.25	166	2173908	44.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	605444	51.52	ng		98
59) Diethylphthalate	10.15	149	2521394	44.23	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	915853	41.37	ng		95
61) 4-Nitroaniline	10.28	138	738608	54.89	ng		90
62) Azobenzene	10.41	77	2570044	47.95	ng		95
64) 4,6-Dinitro-2-methylphenol	10.31	198	357889	41.20	ng	#	79
65) n-Nitrosodiphenylamine	10.38	169	2260034	47.55	ng		99
66) 4-Bromophenyl-phenylether	10.74	248	688533	43.44	ng	#	83
67) Hexachlorobenzene	10.80	284	708070	39.16	ng	#	82
68) Atrazine	10.90	200	672821	46.22	ng		96
69) Pentachlorophenol	10.99	266	759421	74.10	ng		98
70) Phenanthrene	11.21	178	3337910	43.72	ng		96
71) Anthracene	11.26	178	3445672	44.40	ng		99
72) Carbazole	11.42	167	3086439	44.34	ng		98
73) Di-n-butylphthalate	11.77	149	4174995	47.94	ng	#	98
74) Fluoranthene	12.39	202	3121457	42.98	ng		93
76) Benzidine	12.51	184	1432367	36.59	ng		97
77) Pyrene	12.62	202	3243340	32.93	ng		96
79) Butylbenzylphthalate	13.27	149	1971191	44.31	ng		99
80) Benzo(a)anthracene	13.84	228	2930567	42.31	ng		98
81) 3,3'-Dichlorobenzidine	13.81	252	760565	33.49	ng		97
82) Chrysene	13.87	228	2469785	41.59	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	2464929	40.22	ng	#	98
84) Di-n-octyl phthalate	14.54	149	4249904	52.19	ng		95
85) Indeno(1,2,3-cd)pyrene	16.61	276	2469589	32.59	ng		99
87) Benzo(b)fluoranthene	14.97	252	4981221	92.11	ng	#	95
88) Benzo(k)fluoranthene	14.97	252	4985227	101.60	ng		98
89) Benzo(a)pyrene	15.27	252	2205715	43.09	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	2066617	37.20	ng		95
91) Benzo(g,h,i)perylene	16.99	276	2103830	35.96	ng		99

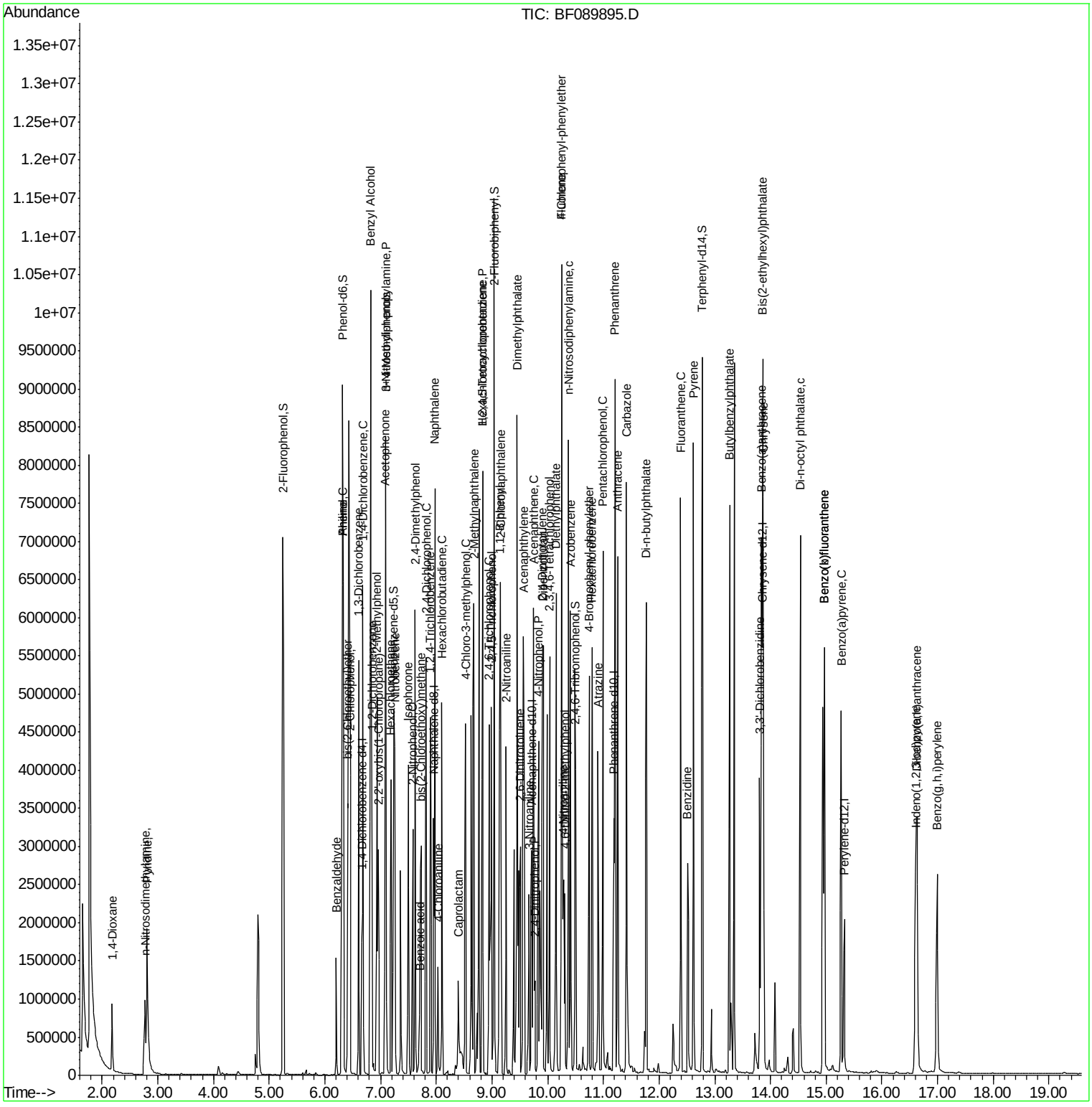
(#) = qualifier out of range (m) = manual integration (+) = signals summed

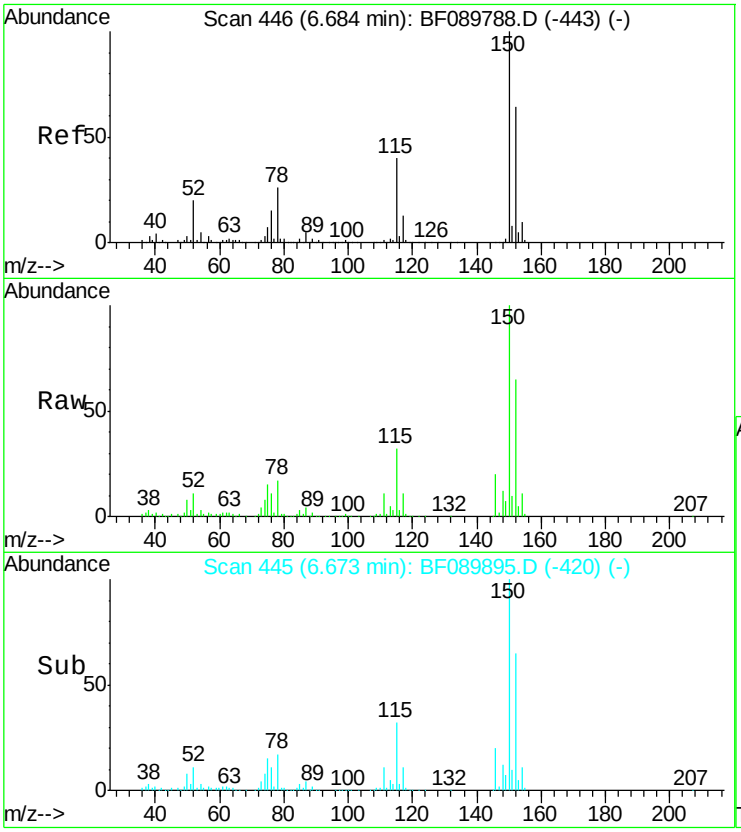
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
Data File : BF089895.D
Acq On : 25 Aug 2016 2:00
Operator : UM/SJ
Sample : H4576-01MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Quant Time: Aug 25 12:24:25 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



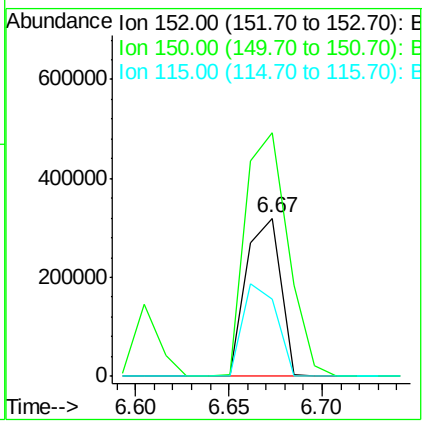


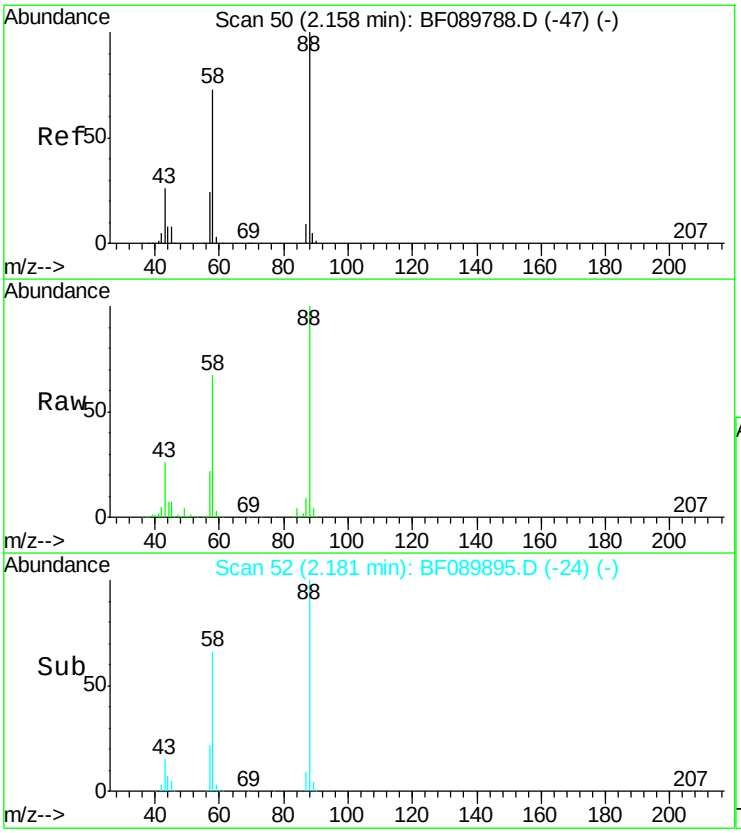
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:152 Resp: 407126

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.3	187.9
115	49.1	40.9	61.3

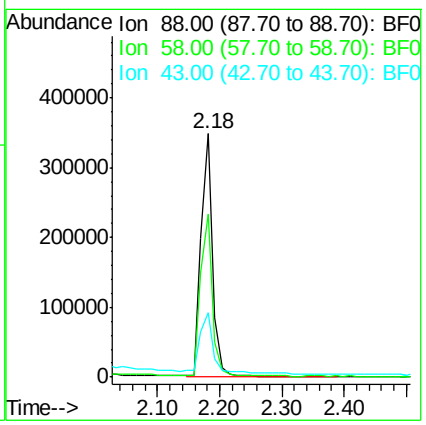


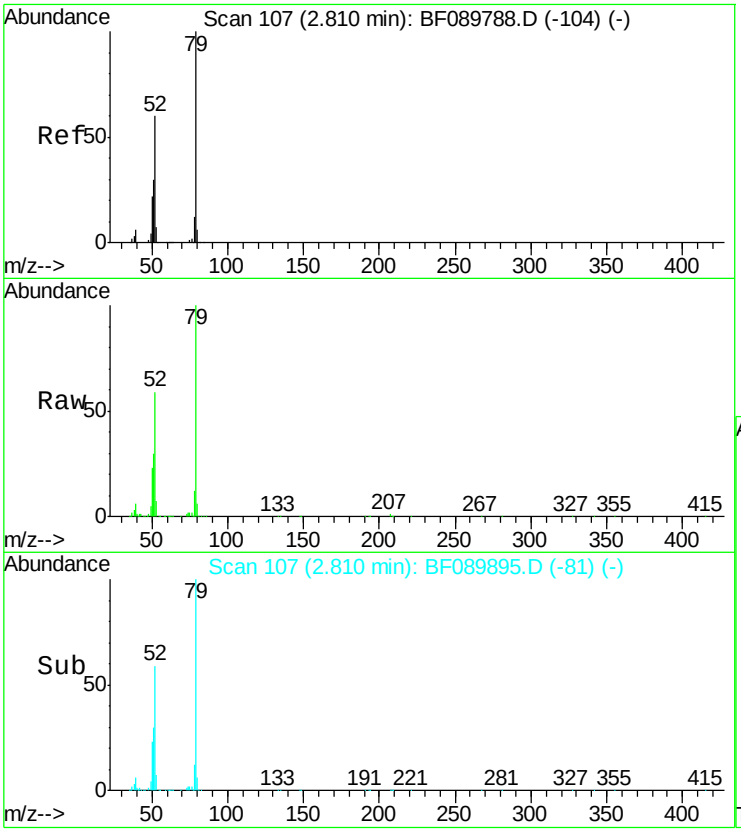


#2
1,4-Dioxane
Concen: 38.31 ng
RT: 2.18 min Scan# 52
Delta R.T. 0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 88 Resp: 450151

Ion	Ratio	Lower	Upper
88	100		
58	68.3	57.0	85.4
43	27.6	21.8	32.8



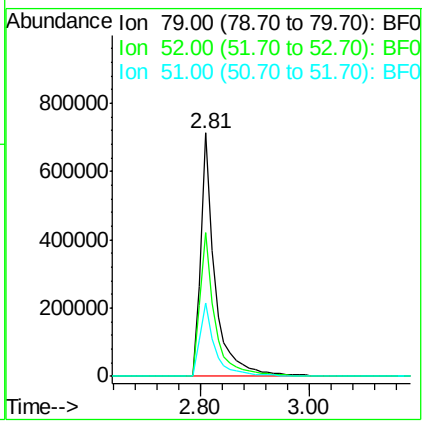


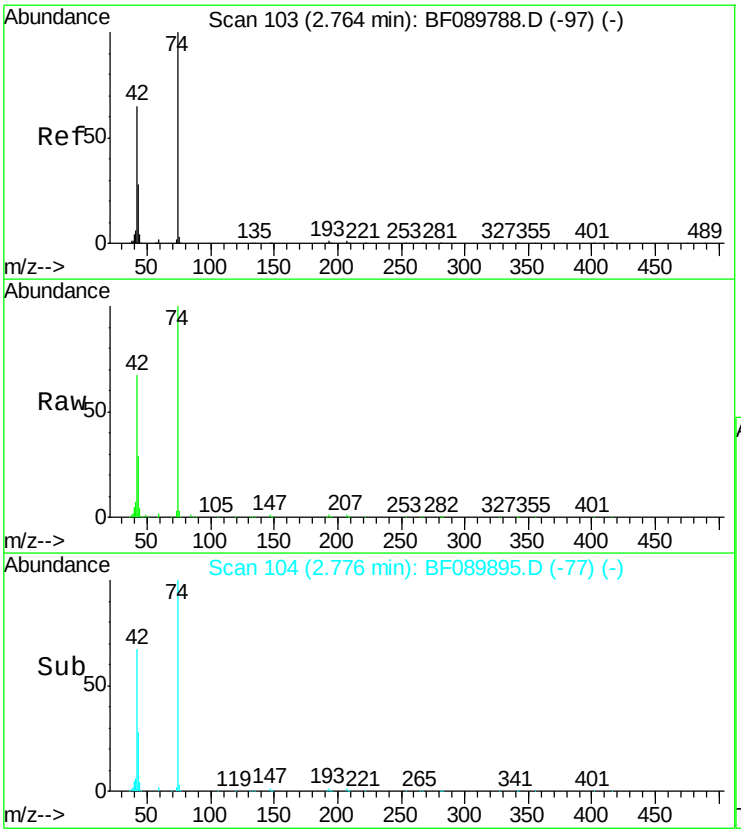
#3
Pyridine
Concen: 41.94 ng
RT: 2.81 min Scan# 107
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 79 Resp: 1292257

Ion	Ratio	Lower	Upper
79	100		
52	59.3	53.6	80.4
51	30.0	26.6	39.8

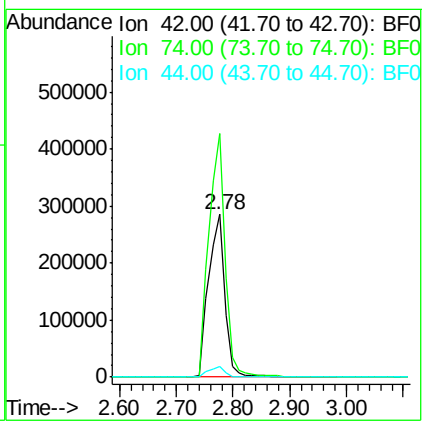


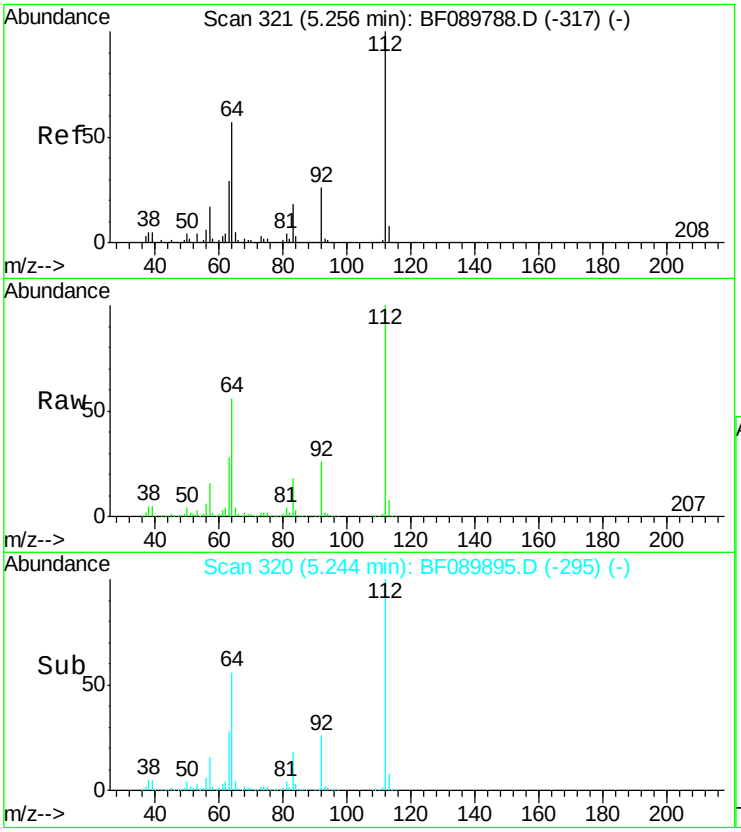


#4
n-Nitrosodimethylamine
Concen: 48.68 ng
RT: 2.78 min Scan# 104
Delta R.T. 0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 42 Resp: 558481

Ion	Ratio	Lower	Upper
42	100		
74	149.9	106.2	159.2
44	6.5	6.9	10.3#



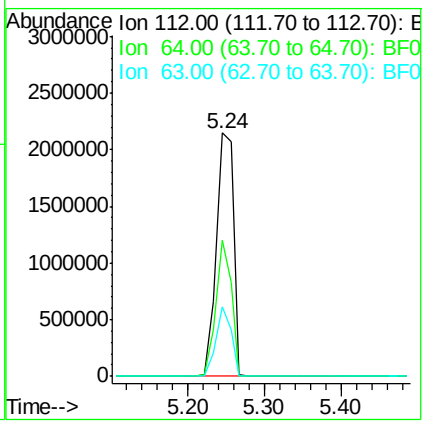


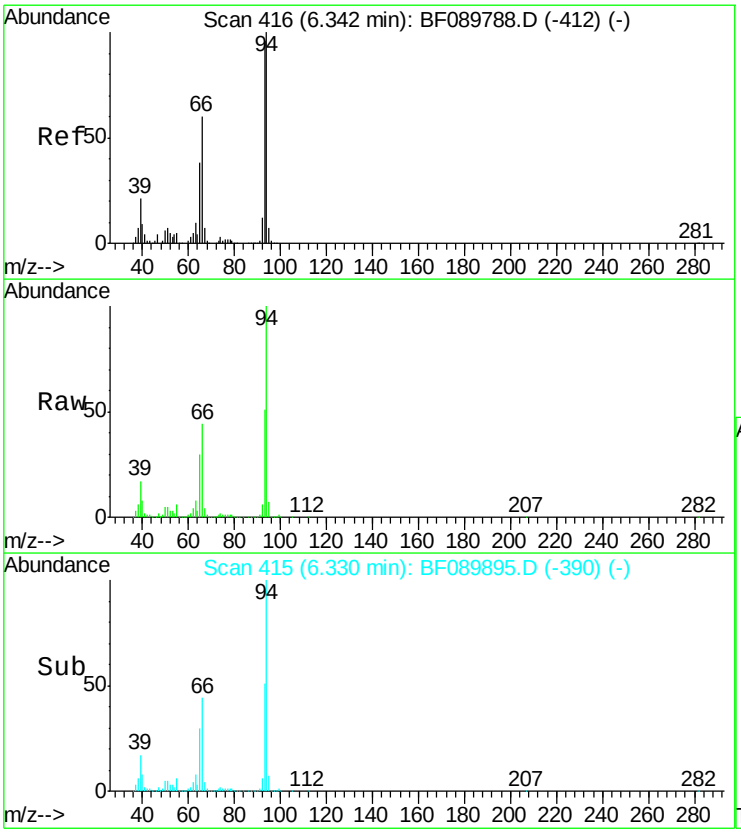
#5
2-Fluorophenol
Concen: 142.03 ng
RT: 5.24 min Scan# 320
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:112 Resp: 3371840

Ion	Ratio	Lower	Upper
112	100		
64	56.0	45.0	67.4
63	28.4	23.1	34.7

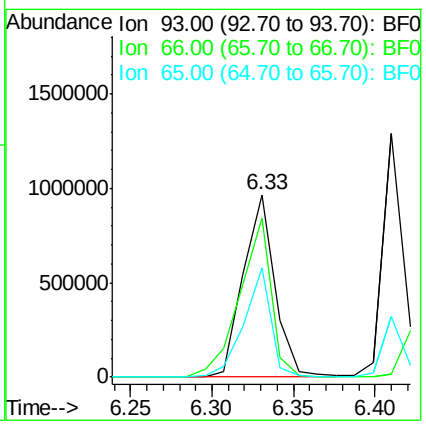


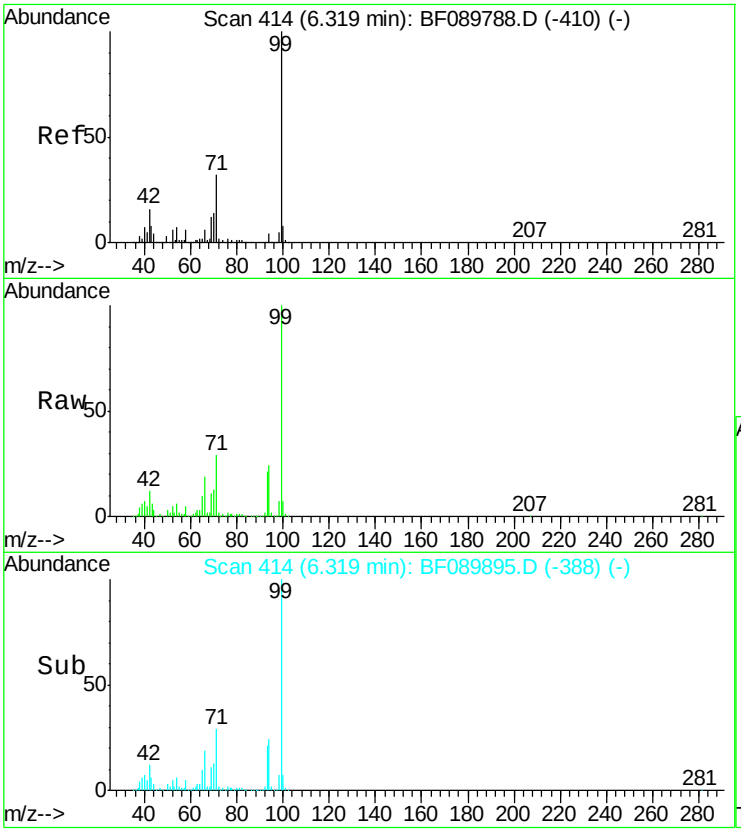


#6
Aniline
Concen: 33.35 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 93 Resp: 1303680

Ion	Ratio	Lower	Upper
93	100		
66	87.2	30.6	46.0#
65	59.6	15.4	23.2#



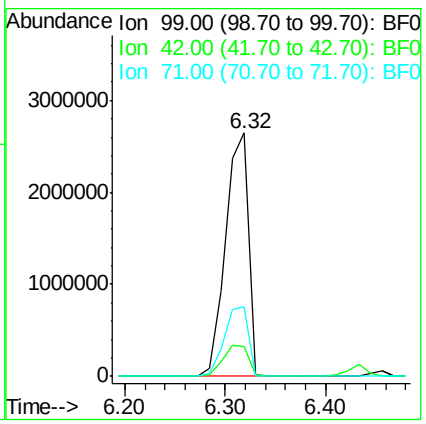


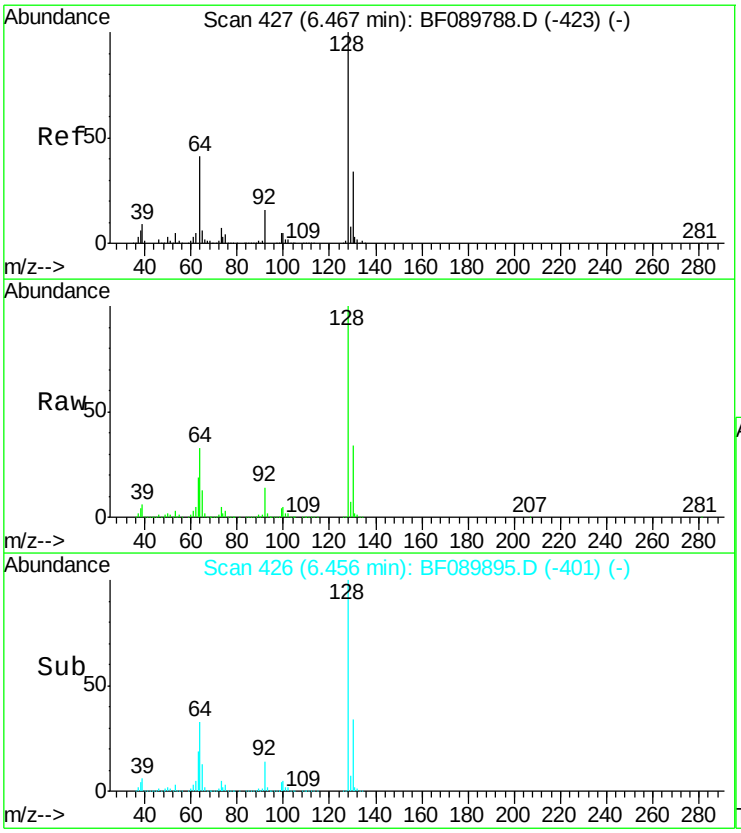
#7
Phenol-d6
Concen: 143.04 ng
RT: 6.32 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 99 Resp: 4168544

Ion	Ratio	Lower	Upper
99	100		
42	12.1	12.2	18.4#
71	28.5	23.8	35.8

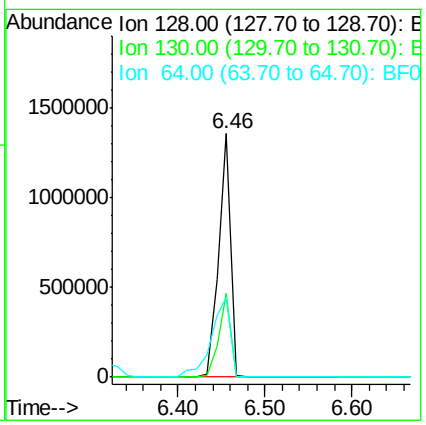


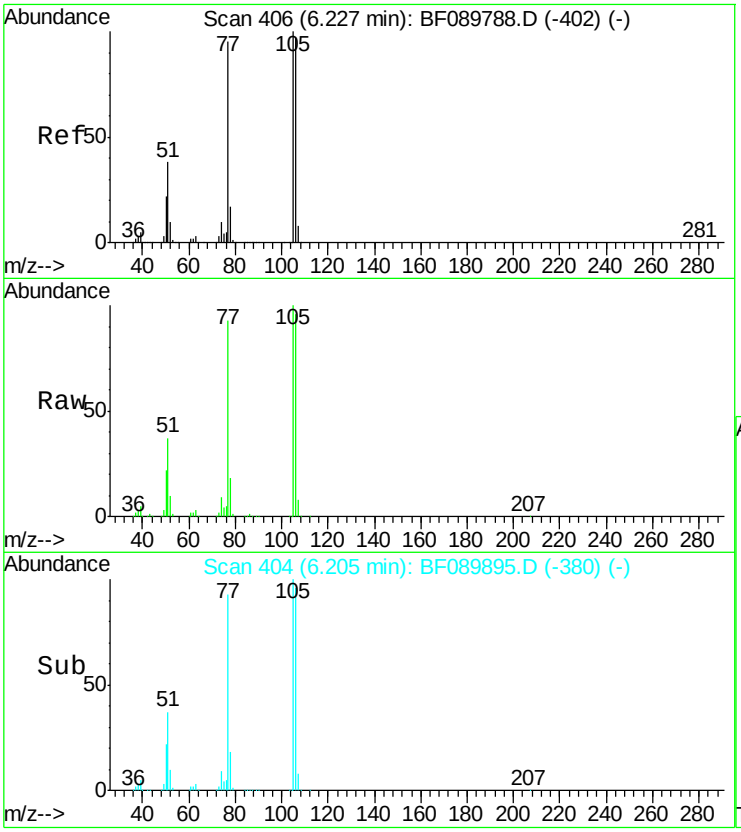


#8
2-Chlorophenol
Concen: 46.87 ng
RT: 6.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:128 Resp: 1330557

Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.0	52.0
64	32.6	35.1	75.1#



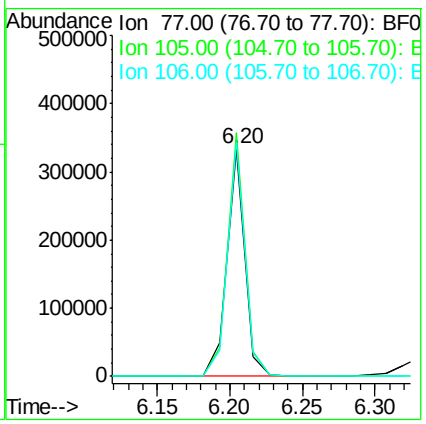


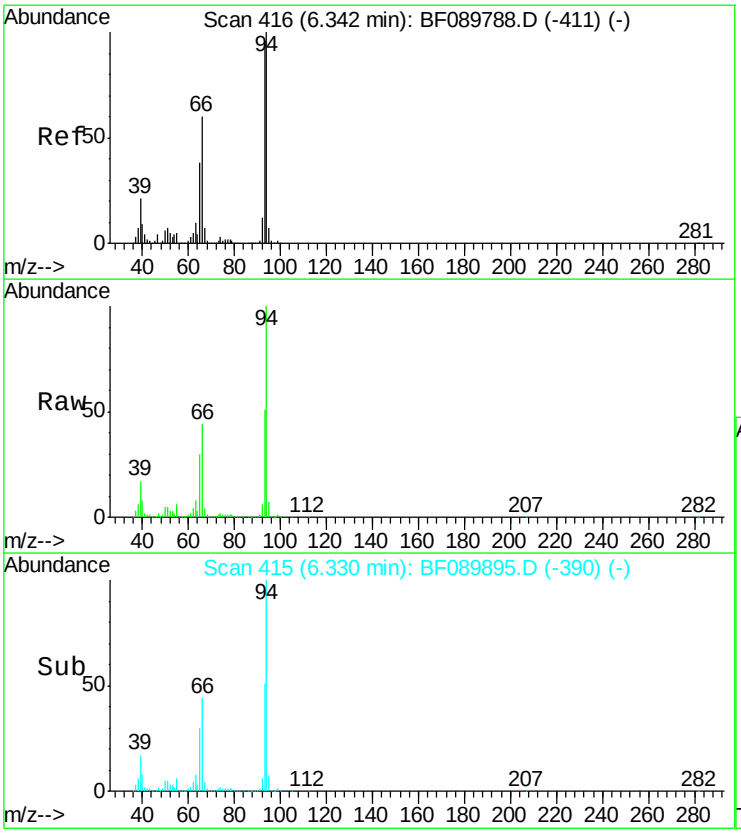
#9
Benzaldehyde
Concen: 15.03 ng
RT: 6.20 min Scan# 404
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 77 Resp: 285381

Ion	Ratio	Lower	Upper
77	100		
105	107.2	73.3	113.3
106	103.1	68.6	108.6

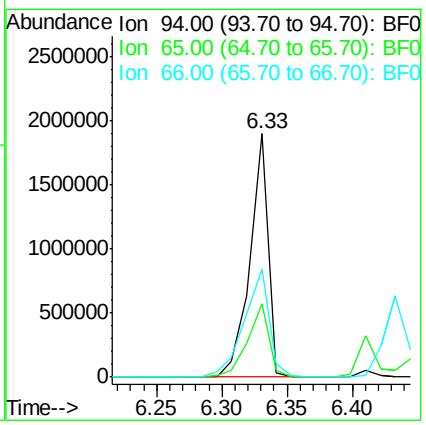


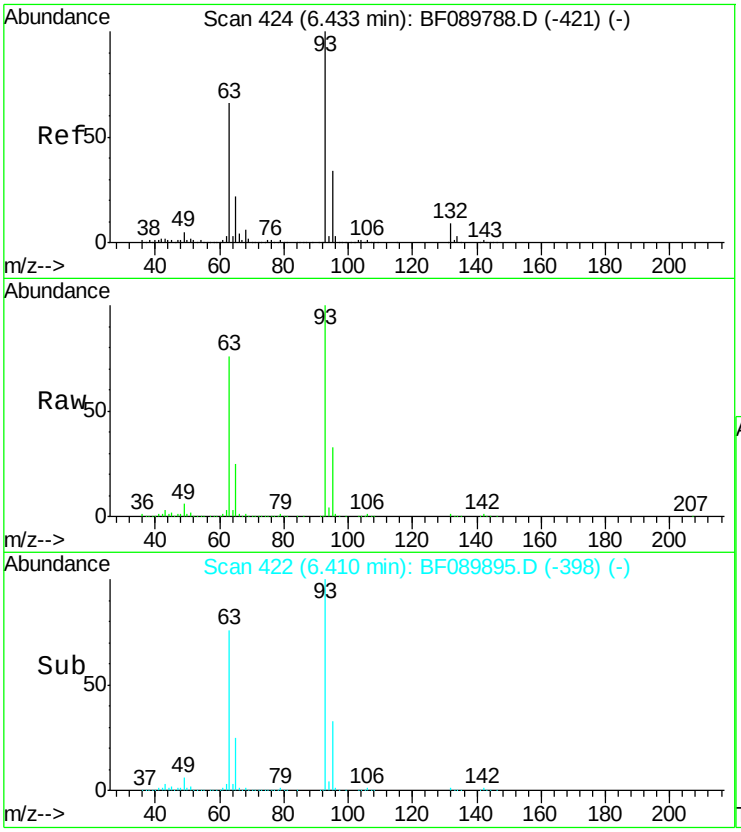


#10
Phenol
Concen: 54.29 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 94 Resp: 1854443

Ion	Ratio	Lower	Upper
94	100		
65	30.3	14.0	54.0
66	44.3	31.2	71.2



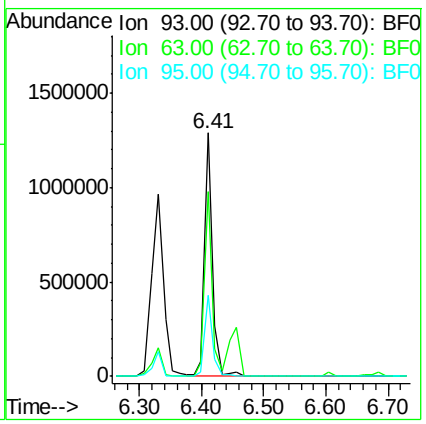


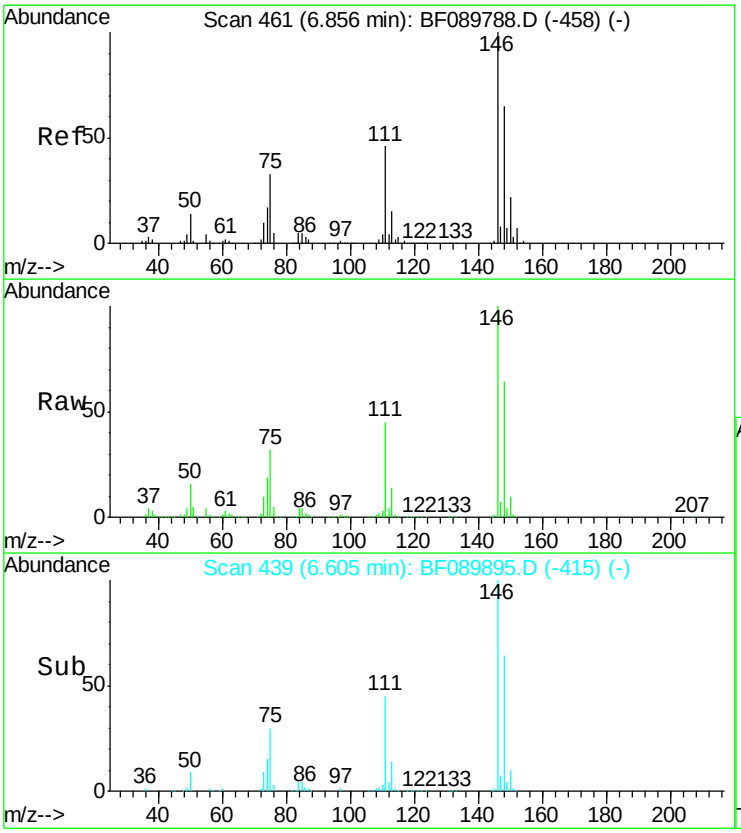
#11
bis(2-Chloroethyl)ether
Concen: 44.03 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 93 Resp: 1166168

Ion	Ratio	Lower	Upper
93	100		
63	75.8	55.8	95.8
95	33.3	13.0	53.0

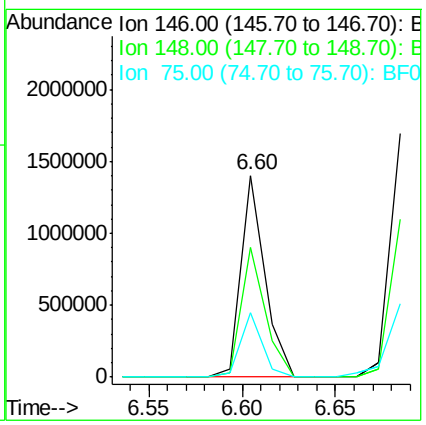


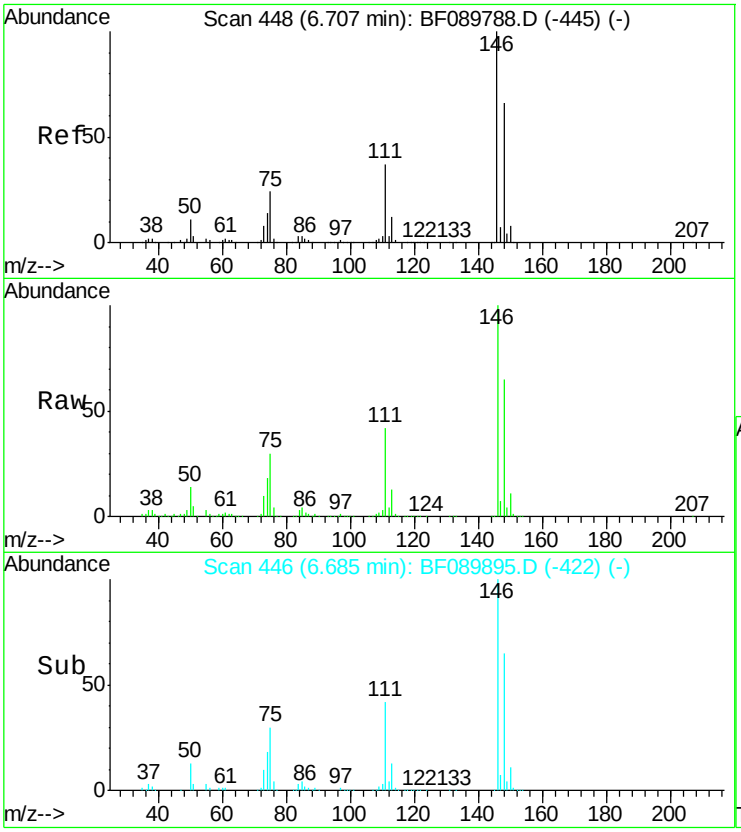


#12
1,3-Dichlorobenzene
Concen: 42.36 ng
RT: 6.60 min Scan# 439
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:146 Resp: 1257152

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.0	76.4
75	31.9	27.0	40.6



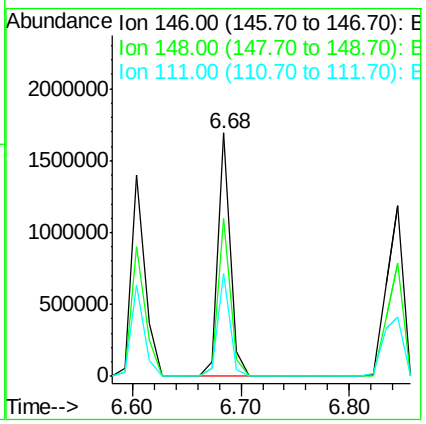


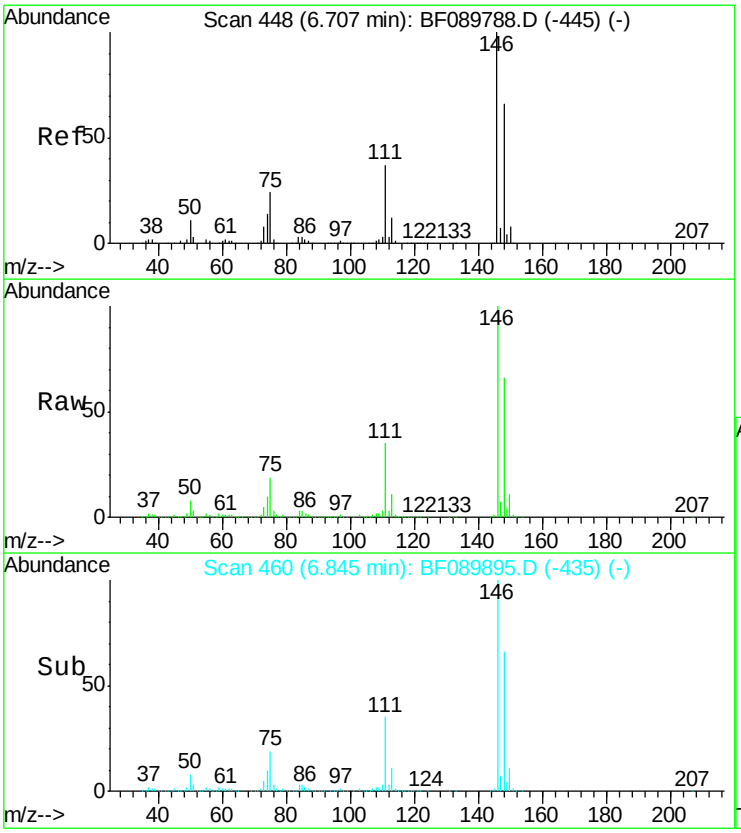
#13
1,4-Dichlorobenzene
Concen: 44.35 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:146 Resp: 1352950

Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.0	76.6
111	42.0	34.6	52.0

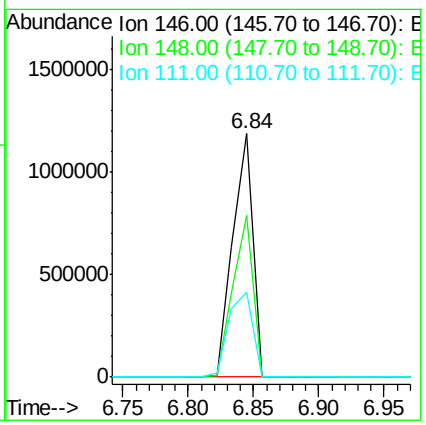


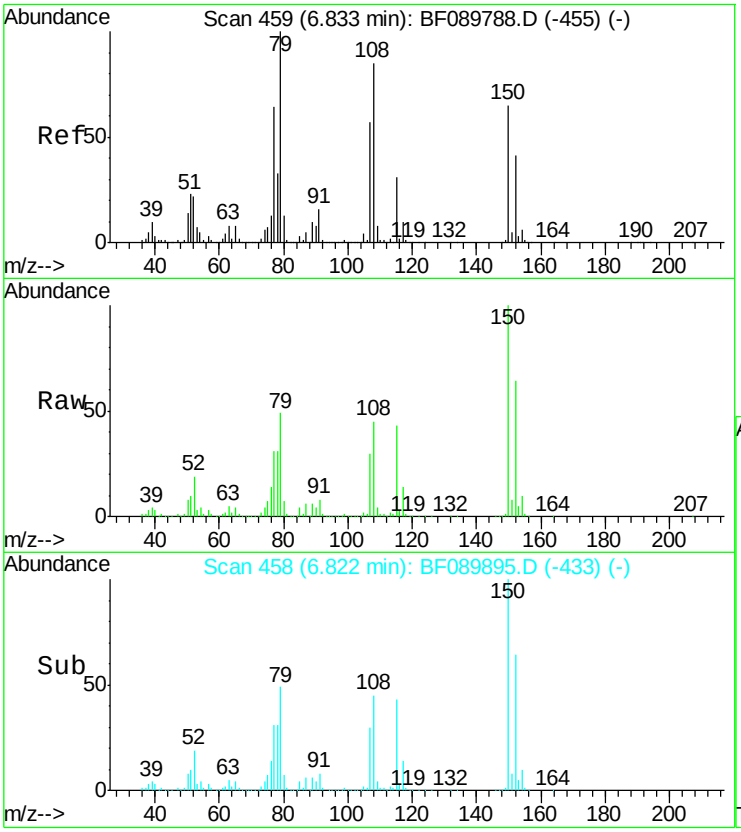


#14
1,2-Dichlorobenzene
Concen: 44.15 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:146 Resp: 1257240

Ion	Ratio	Lower	Upper
146	100		
148	66.4	52.2	78.2
111	34.9	29.8	44.6



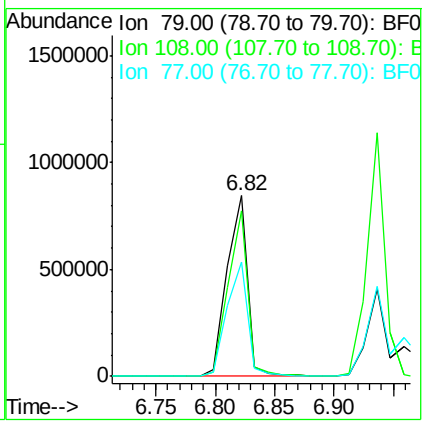


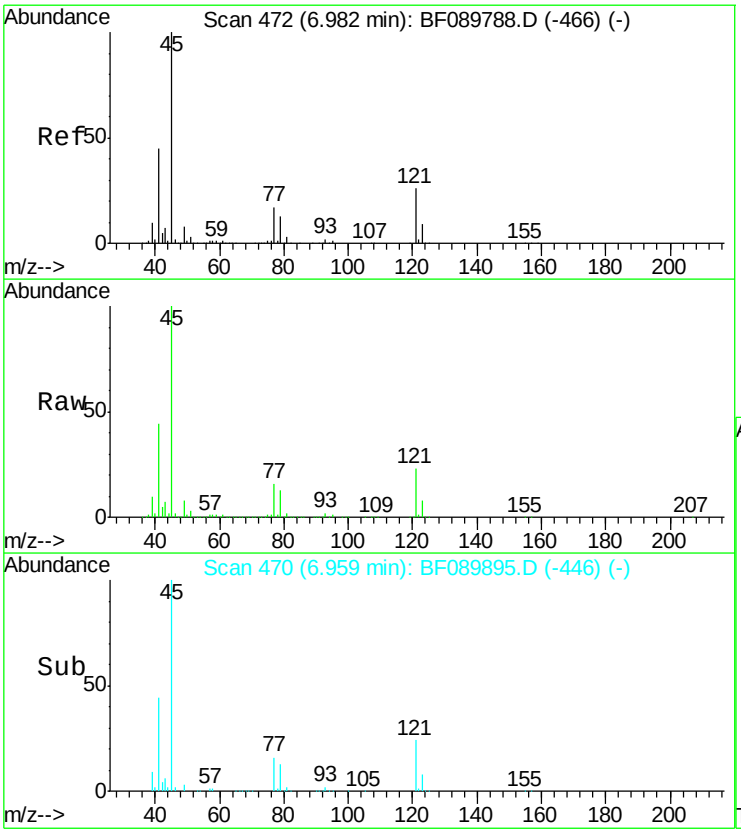
#15
Benzyl Alcohol
Concen: 52.46 ng
RT: 6.82 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 79 Resp: 1013848

Ion	Ratio	Lower	Upper
79	100		
108	91.7	62.5	93.7
77	63.0	51.5	77.3

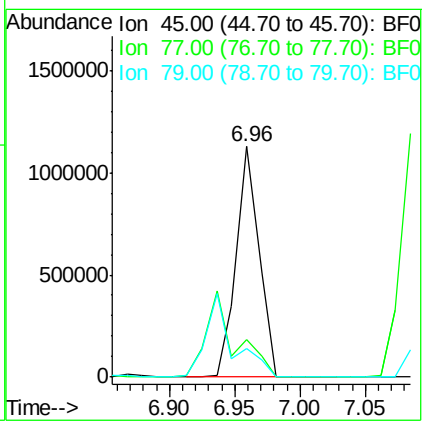


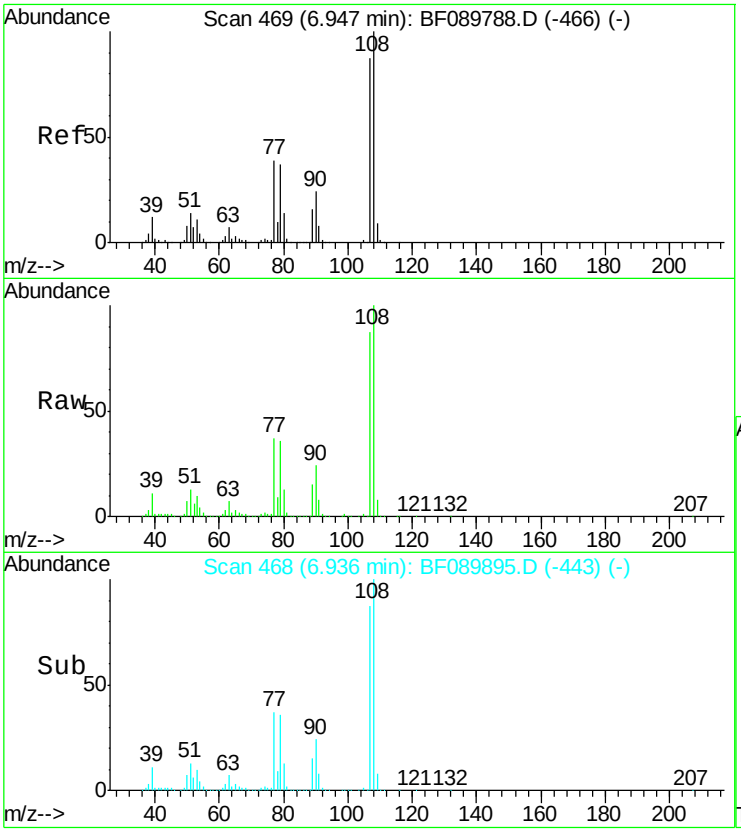


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.28 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 45 Resp: 1365258

Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	33.5
79	12.6	0.0	30.7



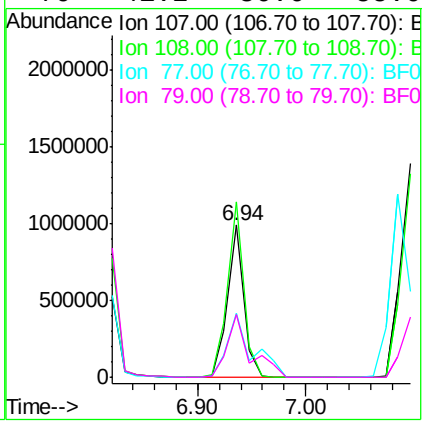


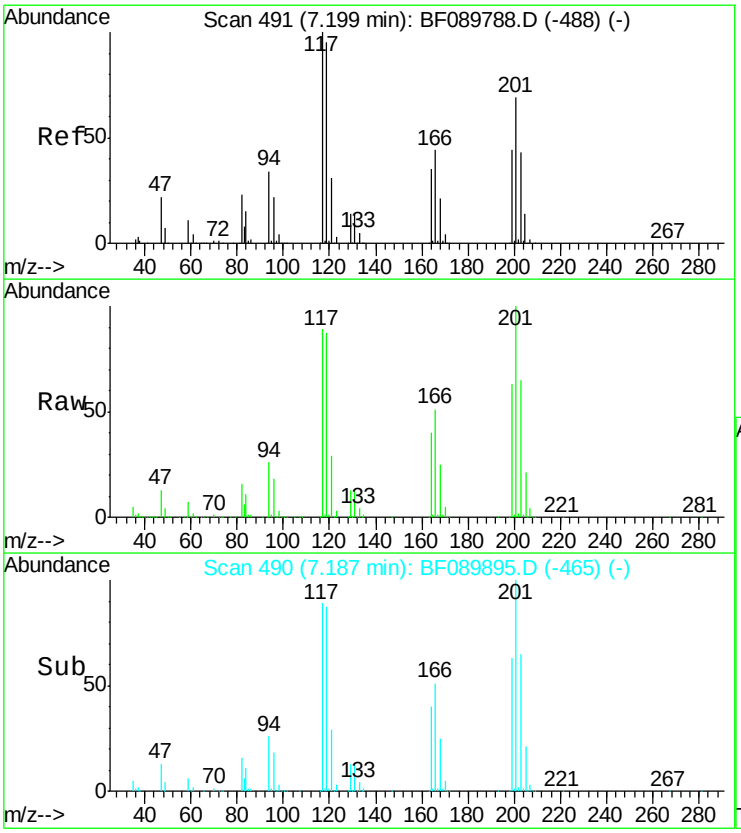
#17
2-Methylphenol
Concen: 45.94 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:107 Resp: 1021504

Ion	Ratio	Lower	Upper
107	100		
108	115.2	91.0	136.4
77	42.5	37.4	56.0
79	41.2	36.6	55.0

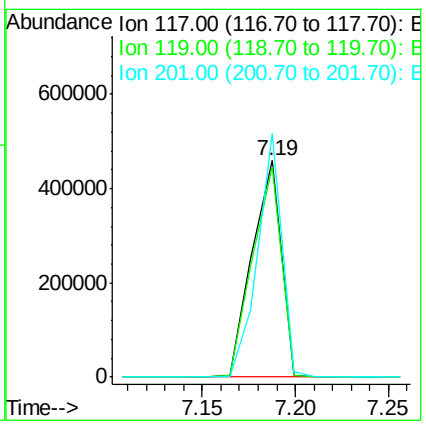


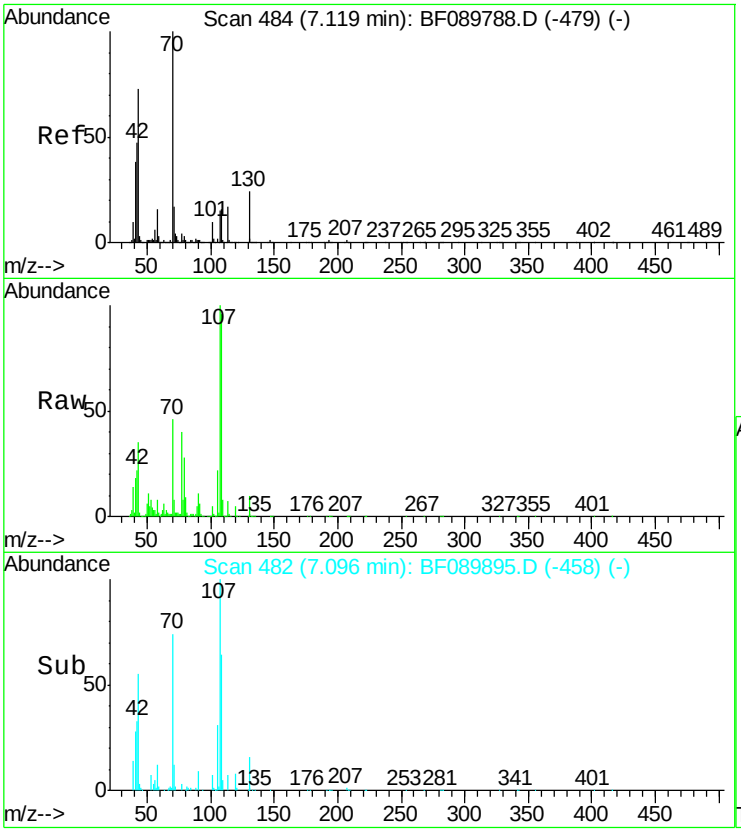


#18
Hexachloroethane
Concen: 45.12 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:117 Resp: 490951

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.1	115.7
201	112.6	76.9	115.3



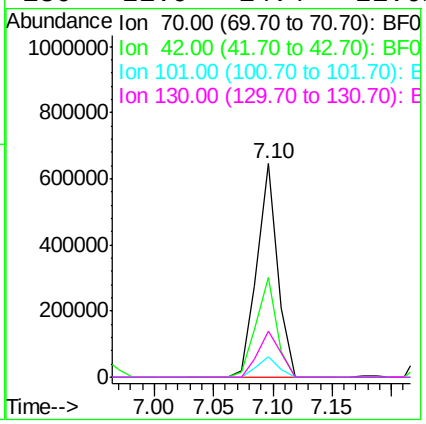


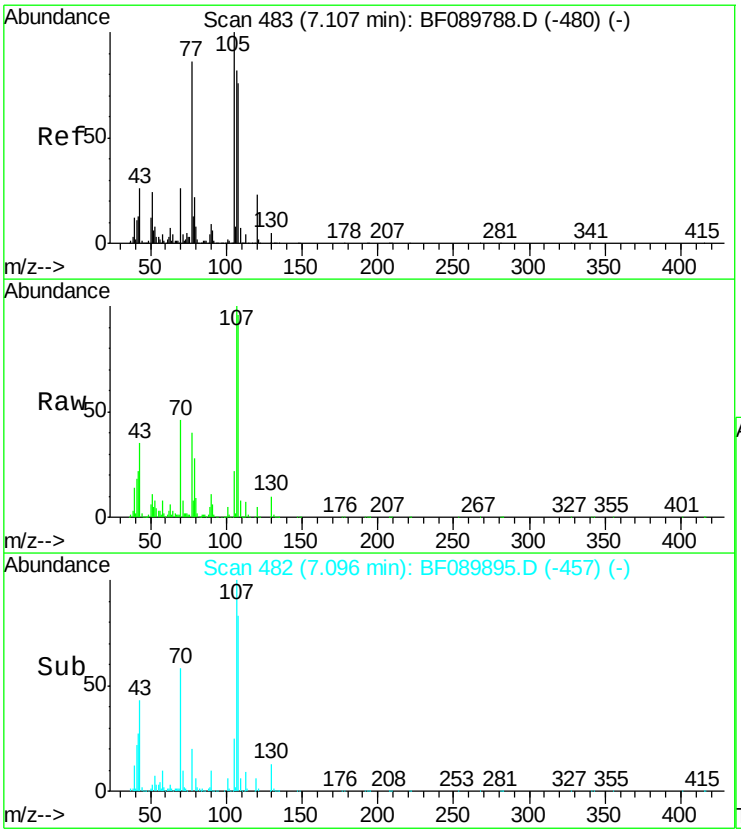
#19
n-Nitroso-di-n-propylamine
Concen: 42.31 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 70 Resp: 788523

Ion	Ratio	Lower	Upper
70	100		
42	47.0	46.3	69.5
101	9.8	7.0	10.6
130	21.9	14.4	21.6#

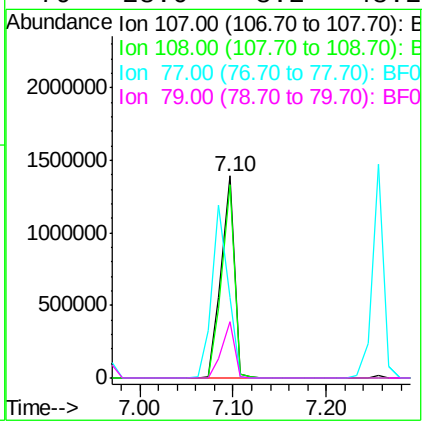


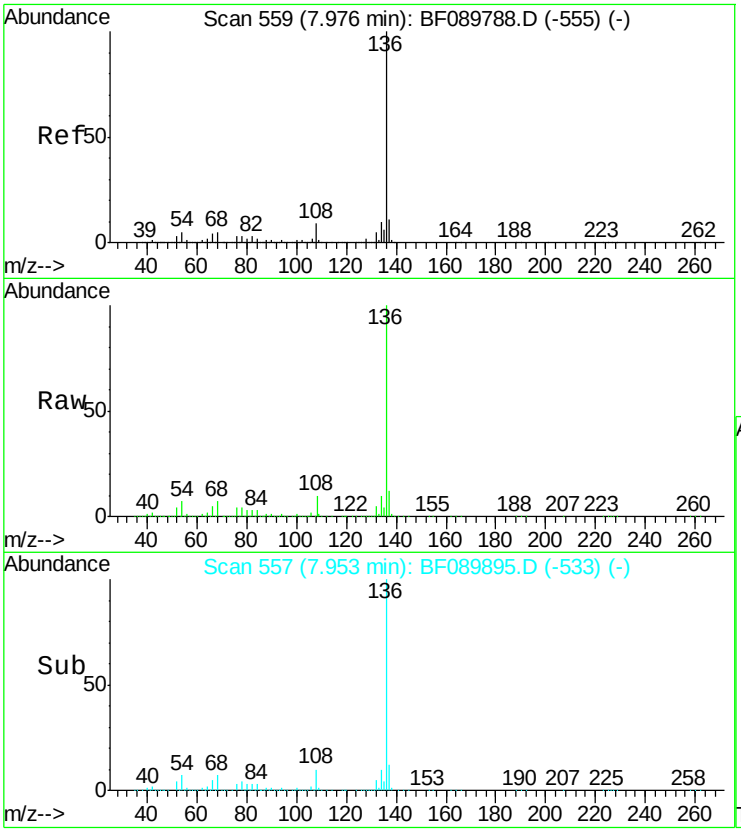


#20
3+4-Methylphenols
Concen: 50.02 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:107 Resp: 1363663

Ion	Ratio	Lower	Upper
107	100		
108	95.5	68.2	108.2
77	40.2	122.3	162.3#
79	28.0	8.2	48.2



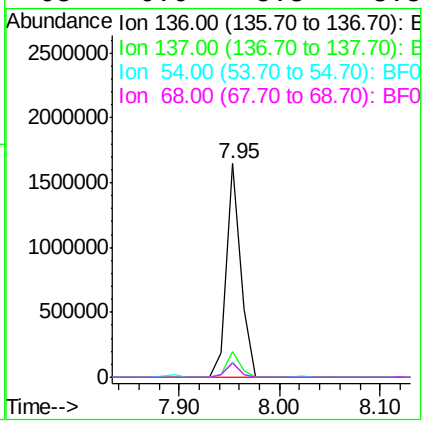


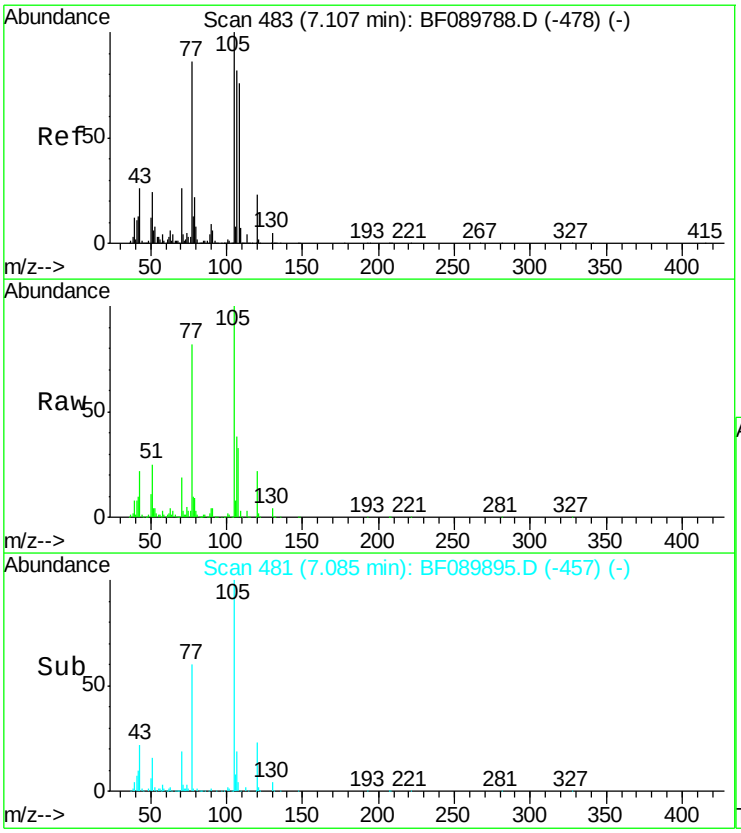
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:136 Resp: 1620492

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.3	7.2	10.8
68	6.6	5.8	8.8

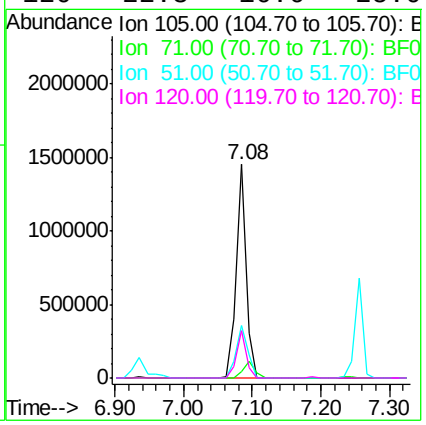


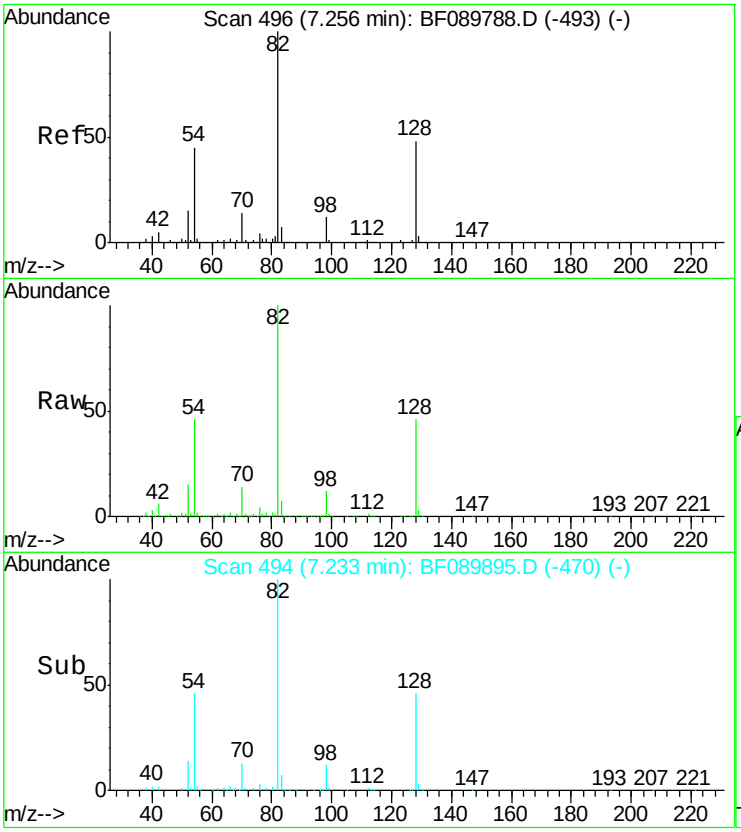


#22
Acetophenone
Concen: 40.07 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:105 Resp: 1490957

Ion	Ratio	Lower	Upper
105	100		
71	3.2	1.9	2.9#
51	24.8	28.5	42.7#
120	22.3	16.6	25.0



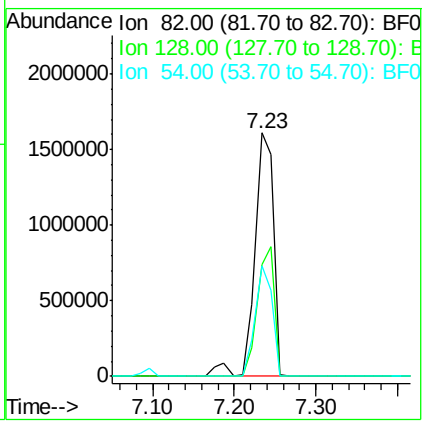


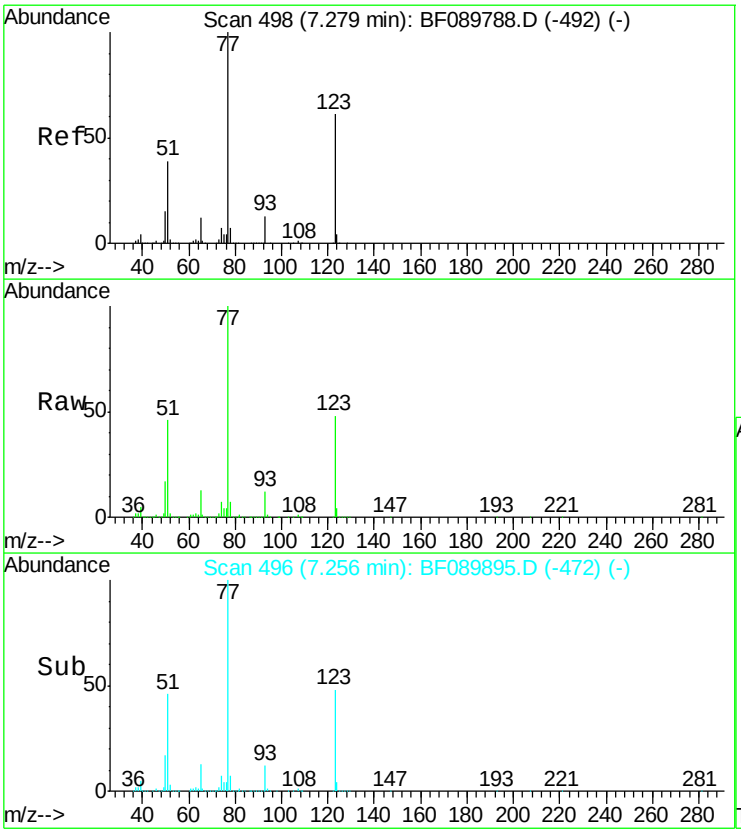
#23
Nitrobenzene-d5
Concen: 97.89 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 82 Resp: 2553382

Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.4	51.6
54	45.5	40.3	60.5

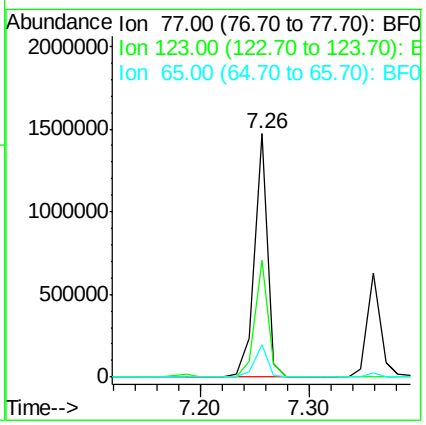


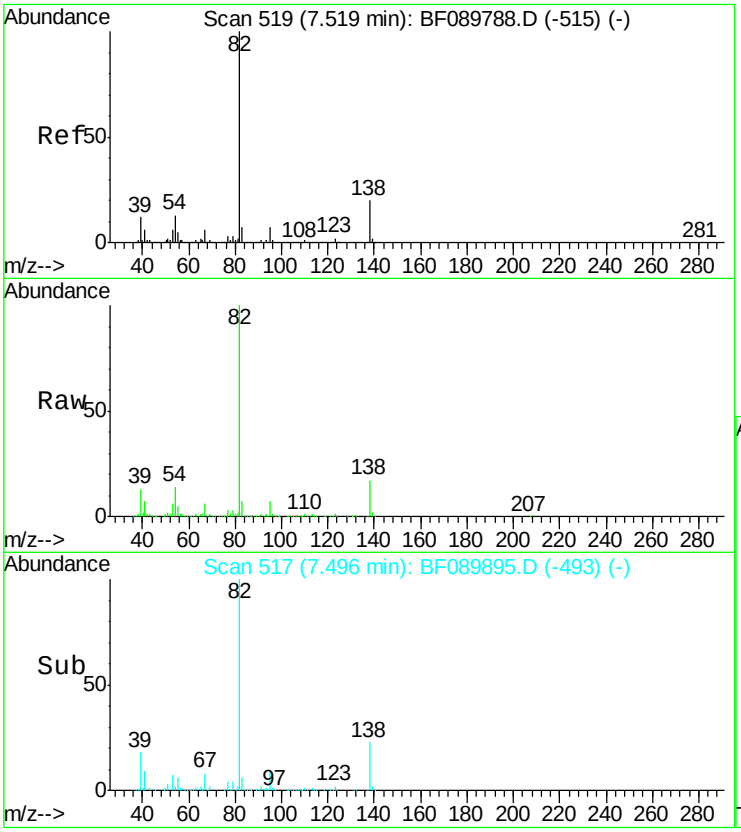


#24
Nitrobenzene
Concen: 42.33 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 77 Resp: 1238884

Ion	Ratio	Lower	Upper
77	100		
123	48.2	36.2	54.2
65	13.4	10.6	15.8



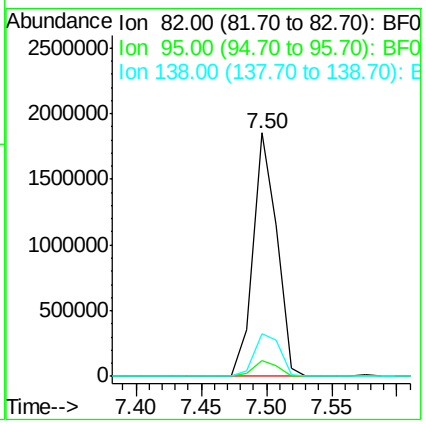


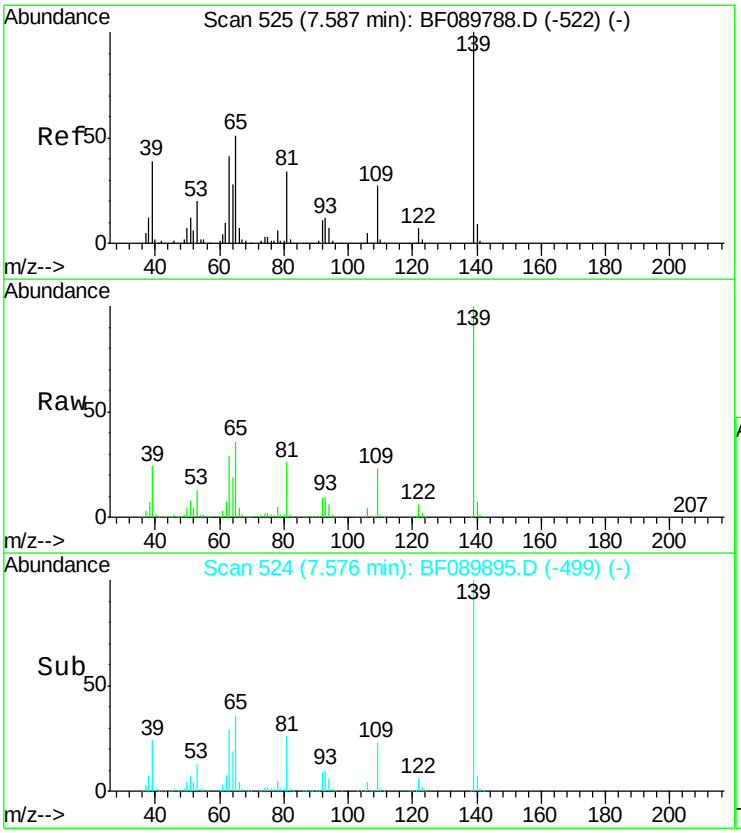
#25
Isophorone
Concen: 44.64 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 82 Resp: 2348192

Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.3	7.9
138	17.3	13.0	19.4

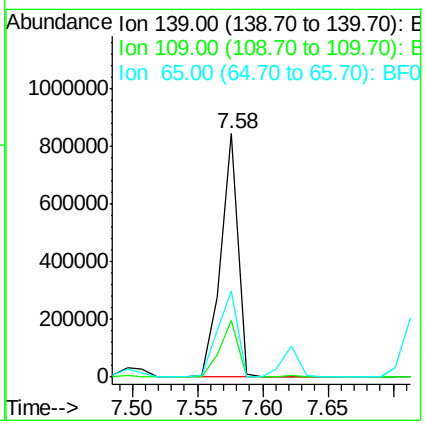


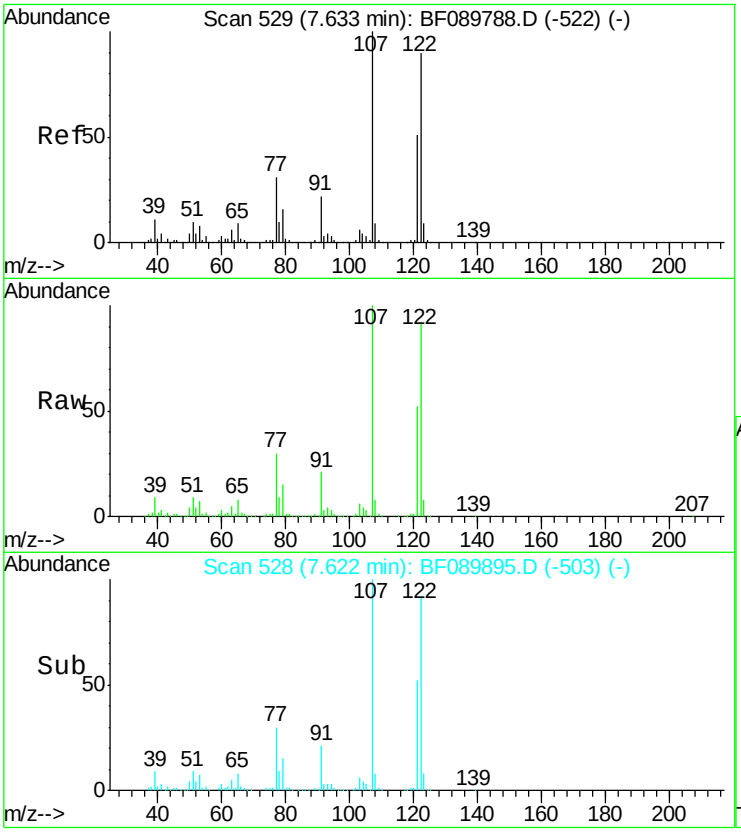


#26
2-Nitrophenol
Concen: 53.54 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:139 Resp: 781732

Ion	Ratio	Lower	Upper
139	100		
109	23.3	19.5	29.3
65	35.6	26.5	39.7



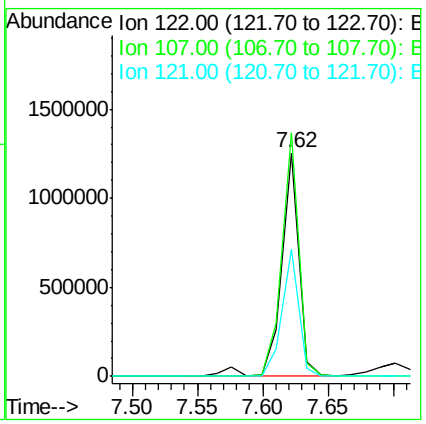


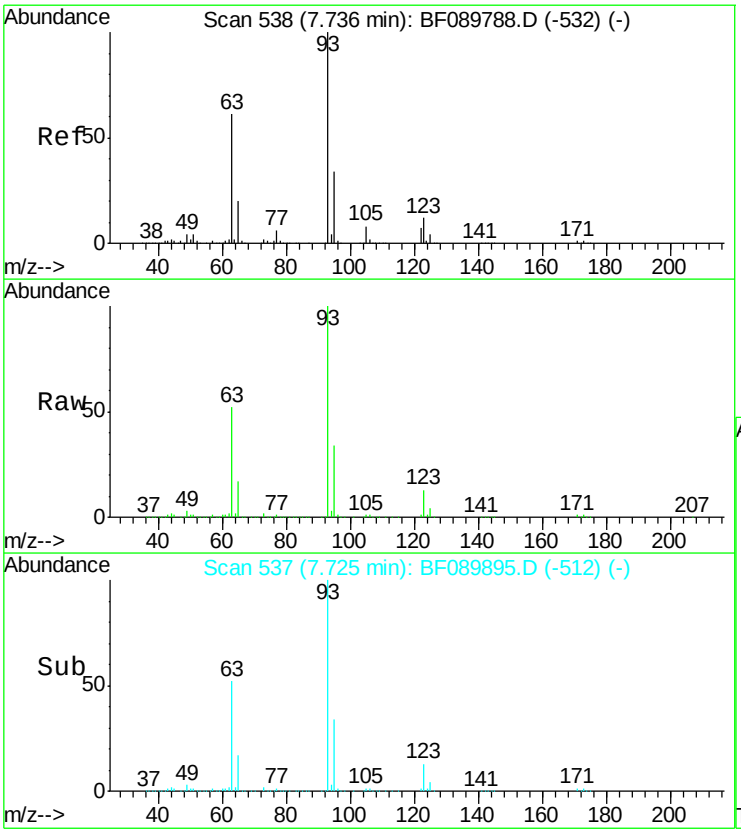
#27
2,4-Dimethylphenol
Concen: 43.99 ng
RT: 7.62 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:122 Resp: 1157652

Ion	Ratio	Lower	Upper
122	100		
107	109.1	84.8	127.2
121	57.0	47.0	70.6

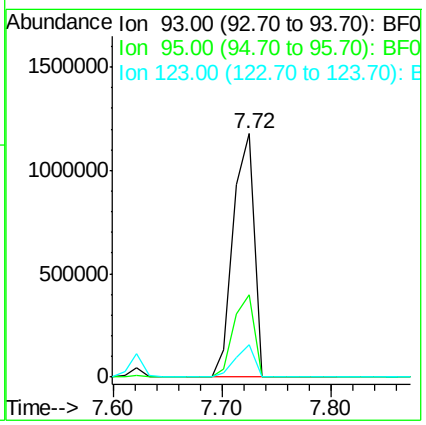


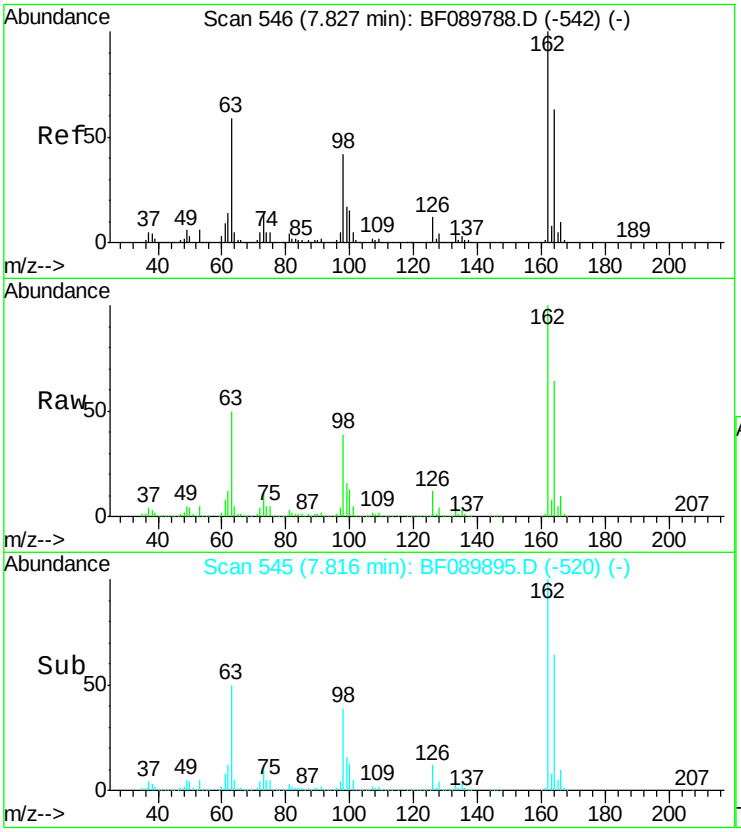


#28
bis(2-Chloroethoxy)methane
Concen: 47.44 ng
RT: 7.72 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 93 Resp: 1544002

Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.5	38.3
123	13.2	8.5	12.7#



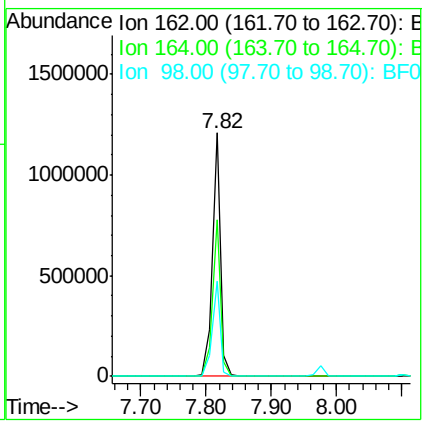


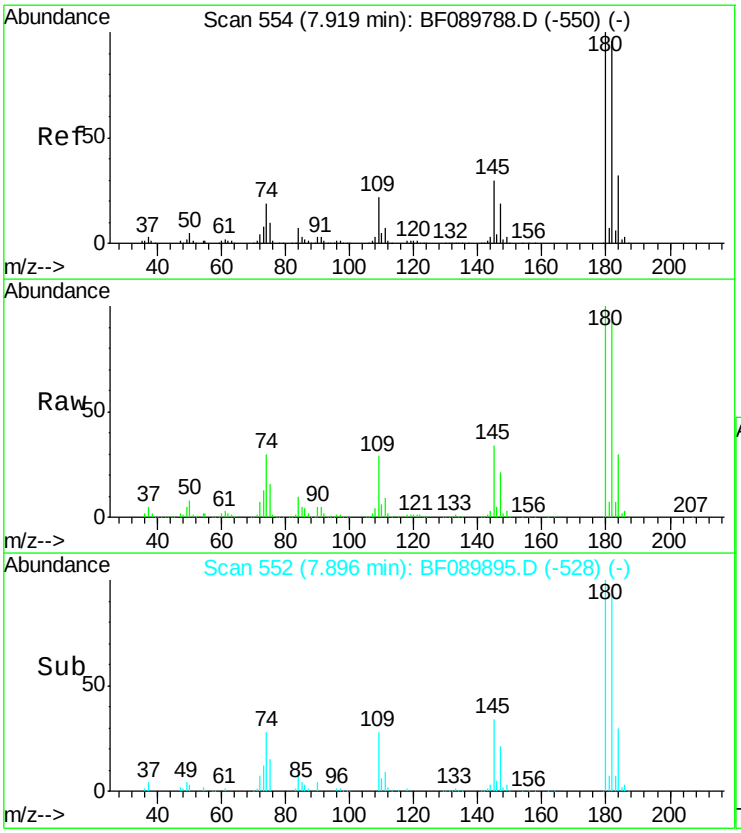
#29
2,4-Dichlorophenol
Concen: 48.81 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:162 Resp: 1077820

Ion	Ratio	Lower	Upper
162	100		
164	64.5	45.5	85.5
98	39.1	12.4	52.4

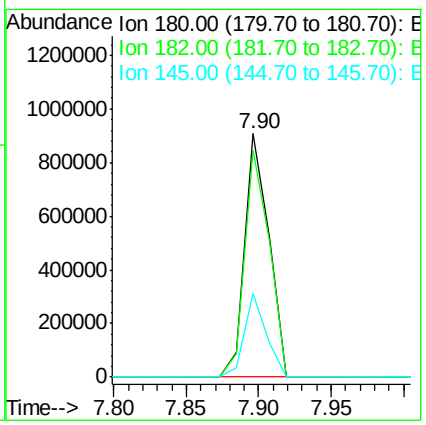


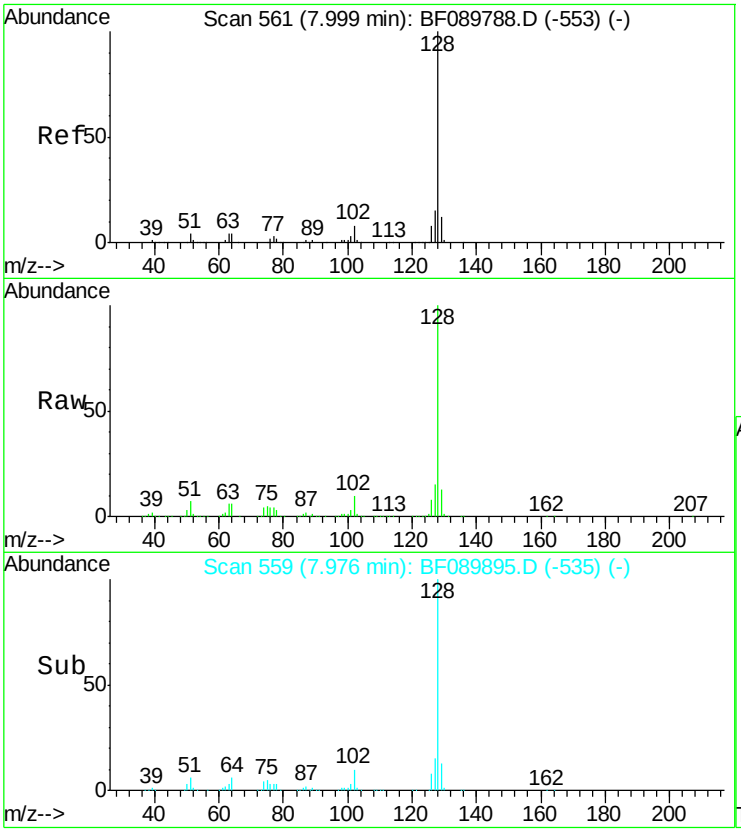


#30
1,2,4-Trichlorobenzene
Concen: 42.71 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:180 Resp: 1043305

Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.5	113.3
145	34.2	28.7	43.1



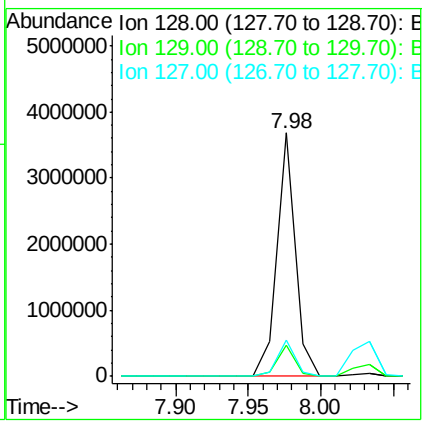


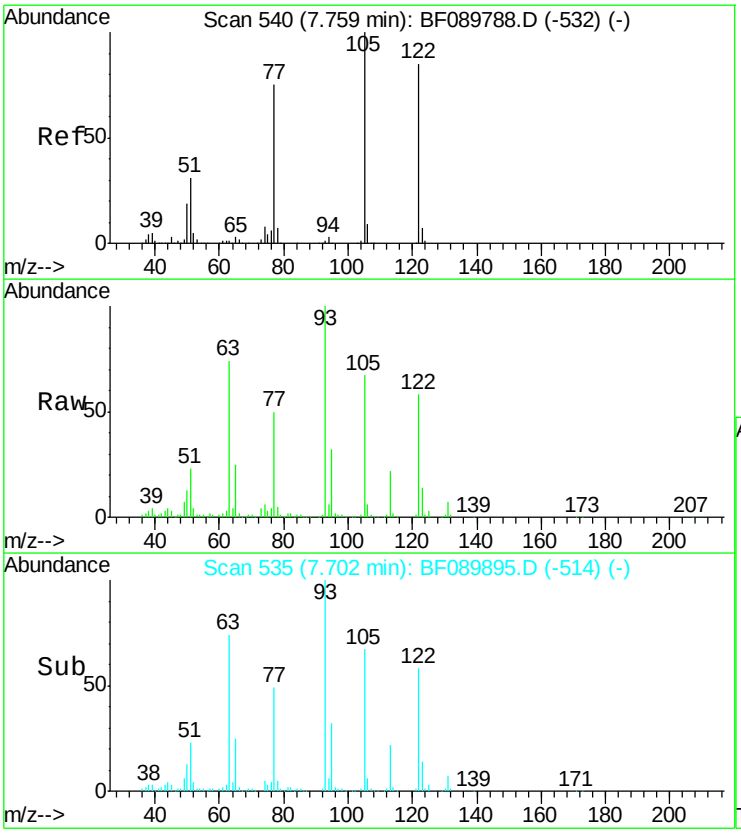
#31
Naphthalene
Concen: 42.76 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:128 Resp: 3238426

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.5	14.3
127	14.7	11.3	16.9

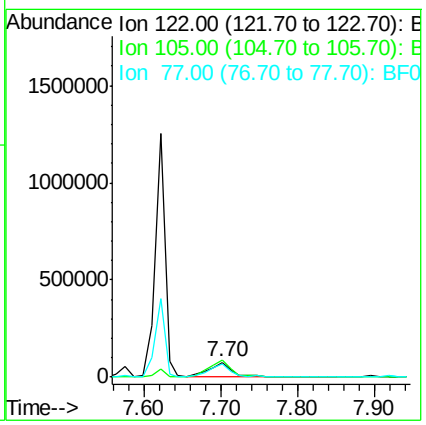


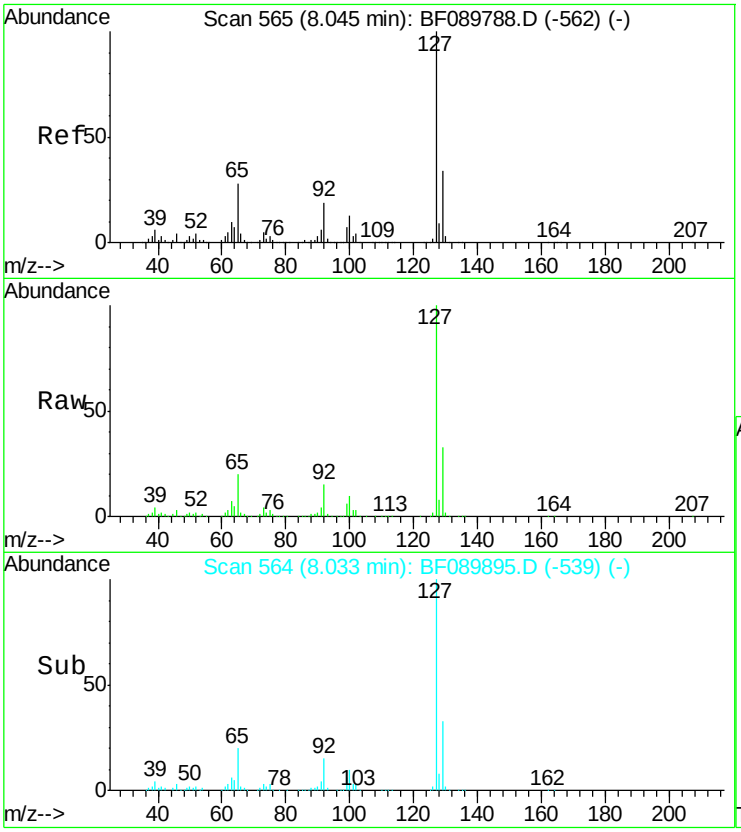


#32
Benzoic acid
Concen: 8.00 ng
RT: 7.70 min Scan# 535
Delta R.T. -0.06 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:122 Resp: 164025

Ion	Ratio	Lower	Upper
122	100		
105	115.1	100.8	140.8
77	87.2	72.1	112.1



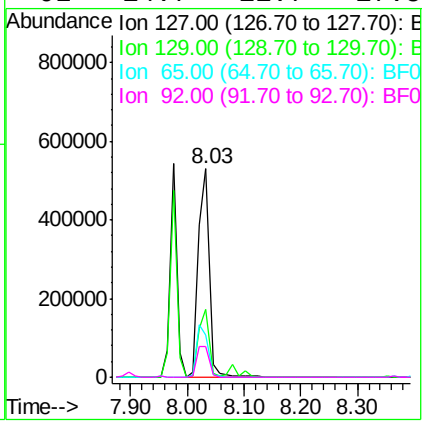


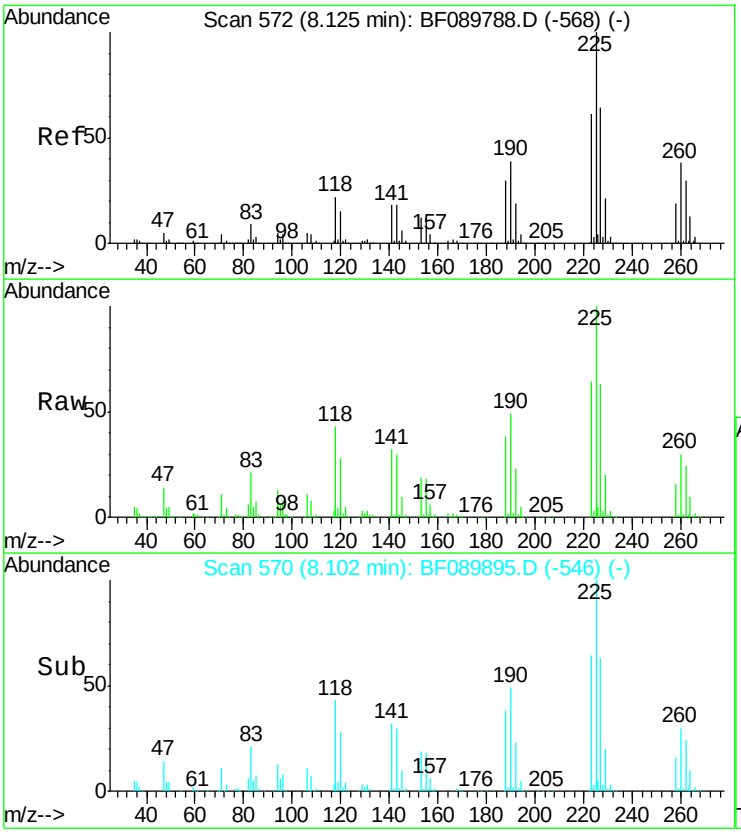
#33
4-Chloroaniline
Concen: 20.84 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:127 Resp: 684264

Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.6
65	20.0	14.7	22.1
92	14.7	11.7	17.5

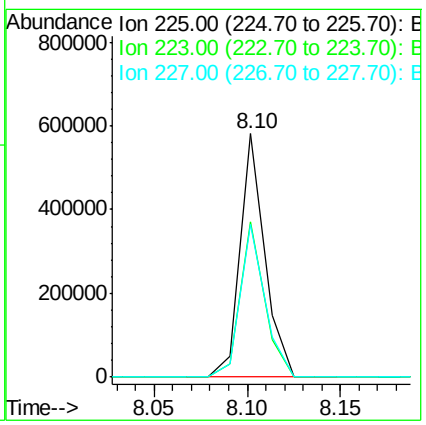


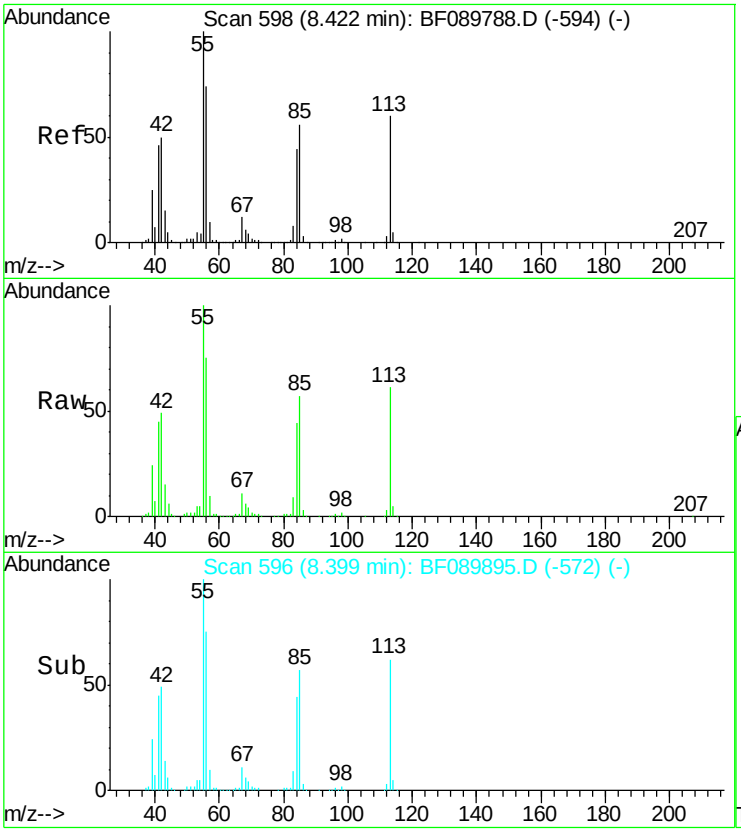


#34
Hexachlorobutadiene
Concen: 41.73 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:225 Resp: 533674

Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	62.6	49.8	74.6



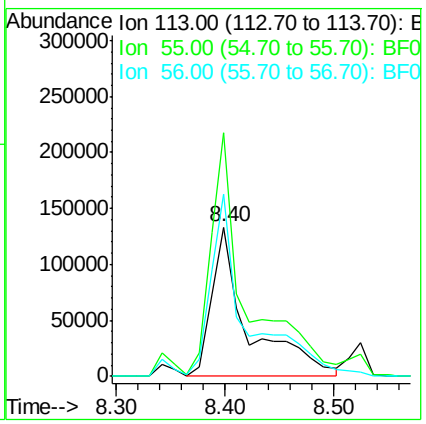


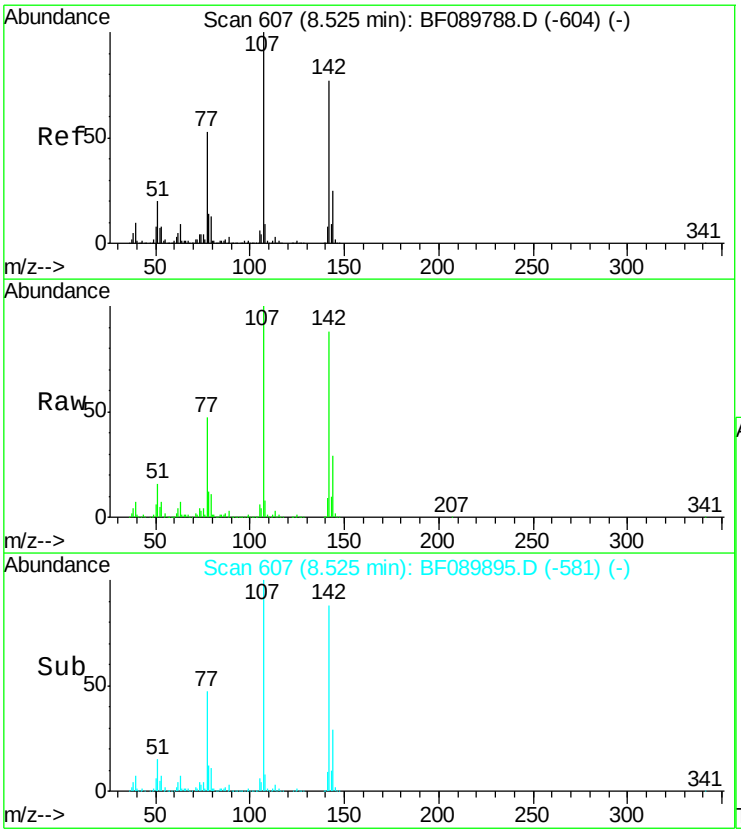
#35
Caprolactam
Concen: 45.97 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:113 Resp: 309089

Ion	Ratio	Lower	Upper
113	100		
55	162.8	135.9	175.9
56	121.6	93.9	133.9

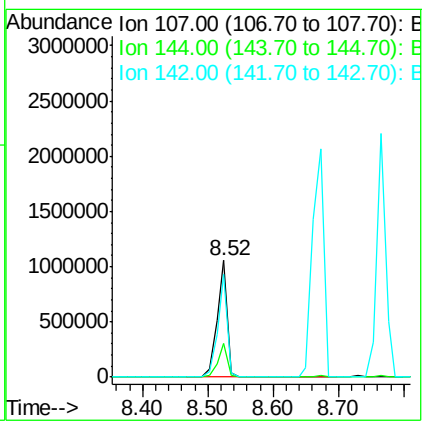


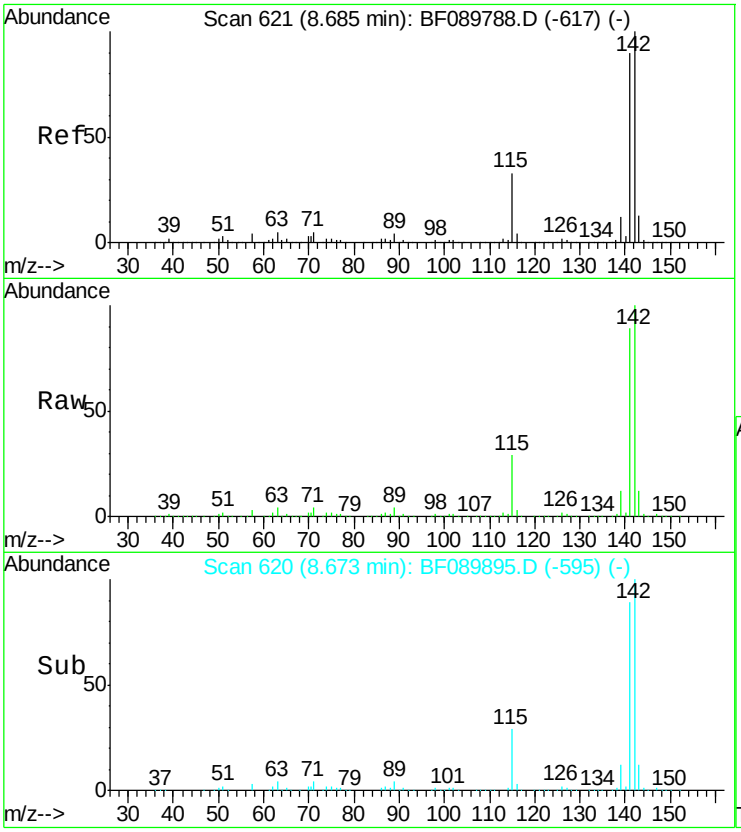


#36
4-Chloro-3-methylphenol
Concen: 49.00 ng
RT: 8.52 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:107 Resp: 1171904

Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.6	34.0
142	87.8	69.3	103.9



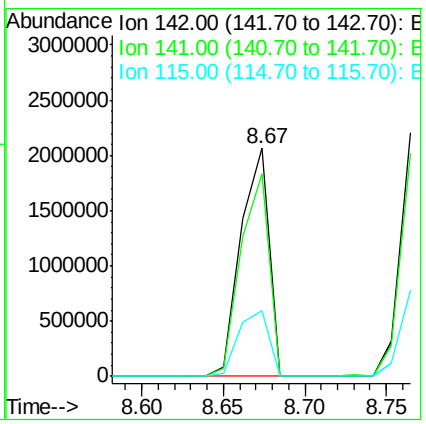


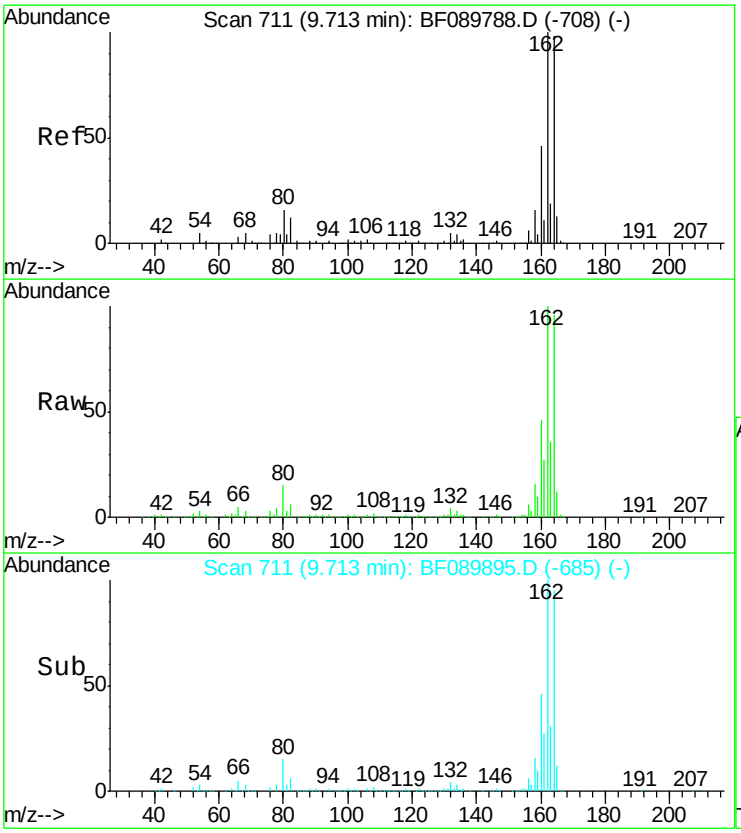
#37
2-Methylnaphthalene
Concen: 50.16 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:142 Resp: 2457721

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2
115	28.8	22.7	34.1

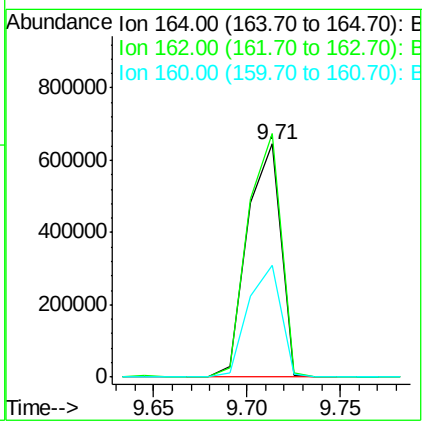


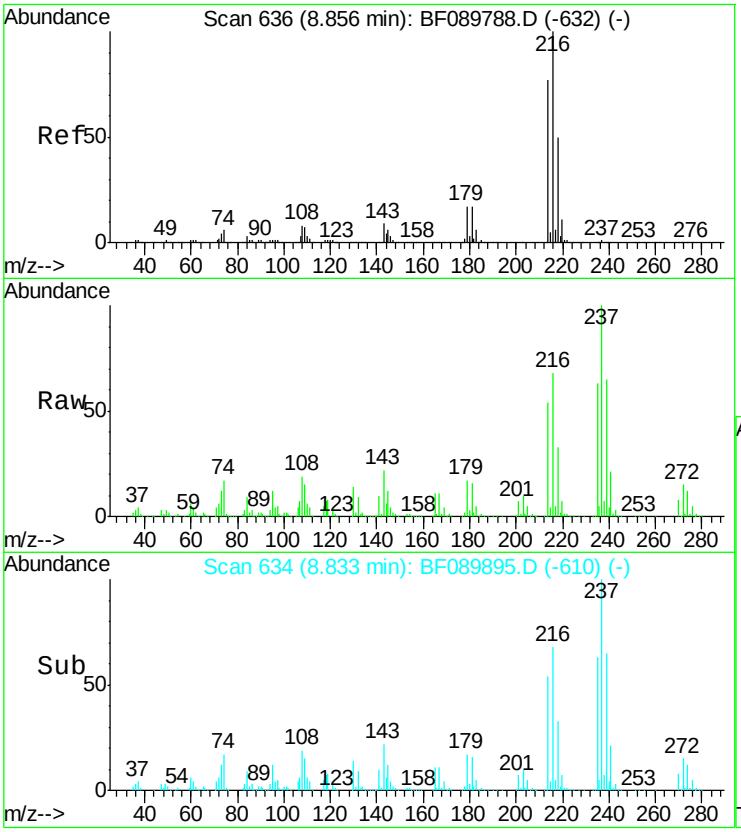


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:164 Resp: 796961

Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.4	122.2
160	48.1	37.8	56.6



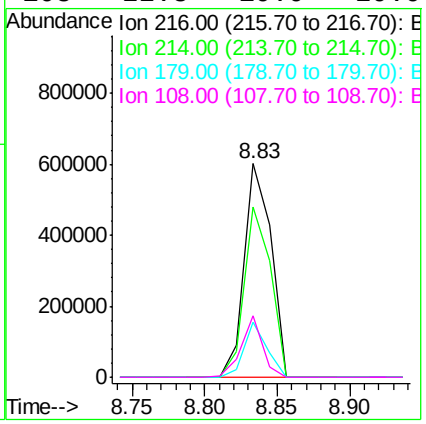


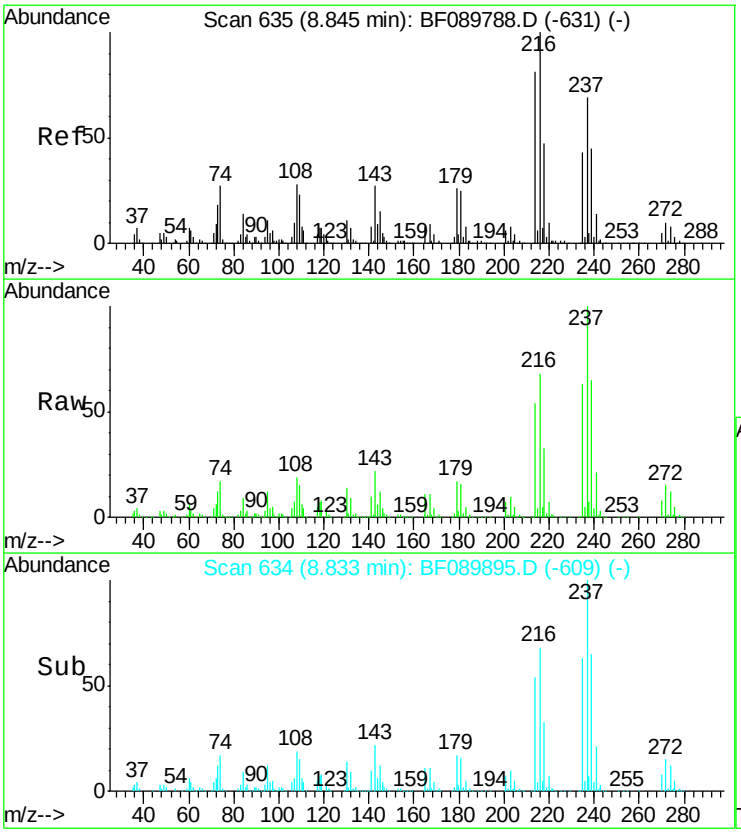
#39
1,2,4,5-Tetrachlorobenzene
Concen: 29.91 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:216 Resp: 771932

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.5	95.3
179	22.0	19.9	29.9
108	22.8	19.9	29.9

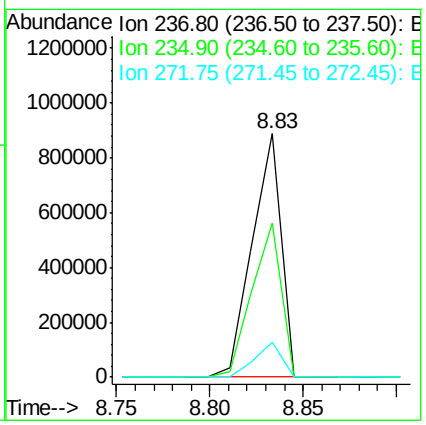


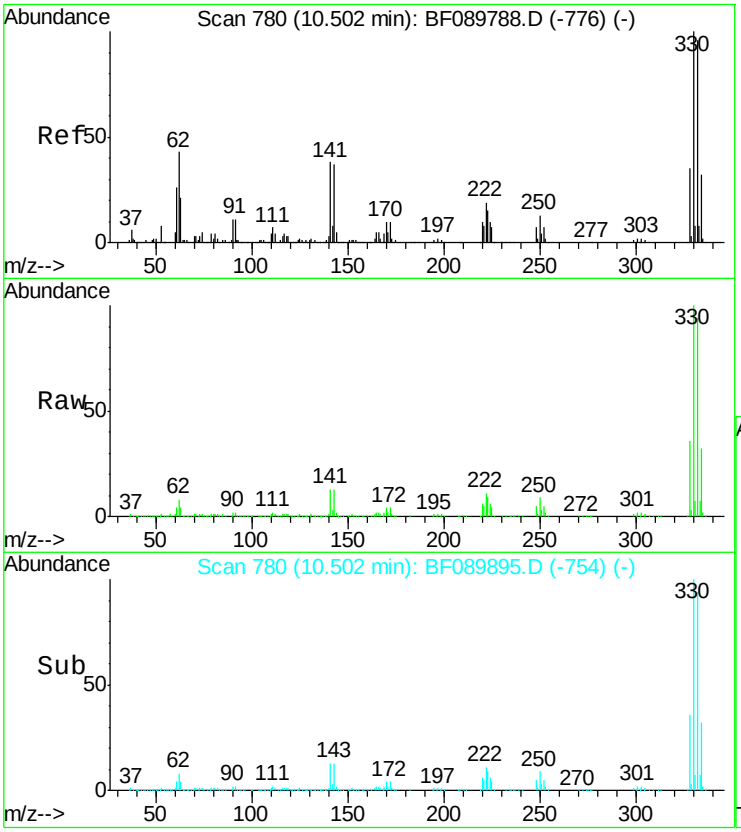


#40
Hexachlorocyclopentadiene
Concen: 105.94 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:237 Resp: 949223

Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.7	83.7
272	14.6	0.0	31.6



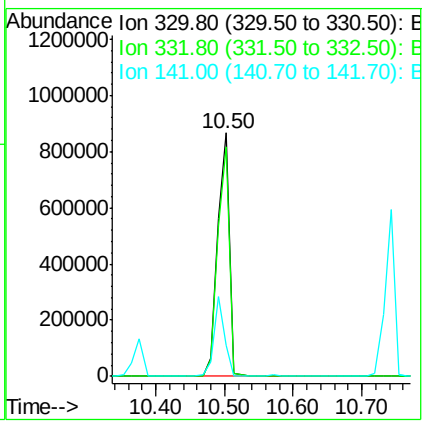


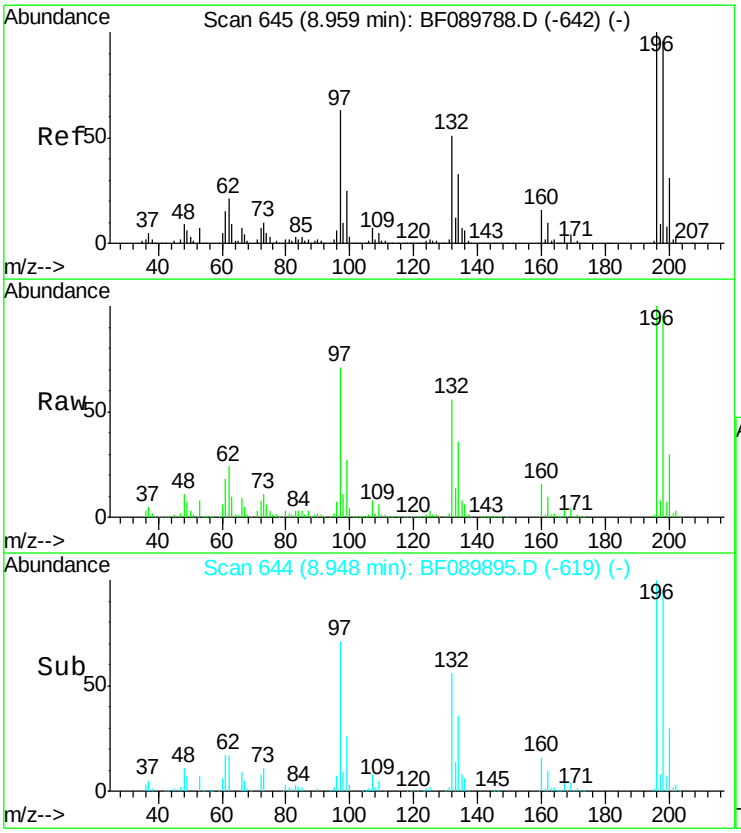
#41
2,4,6-Tribromophenol
Concen: 138.09 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:330 Resp: 1045891

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.7	115.1
141	30.3	30.2	45.2

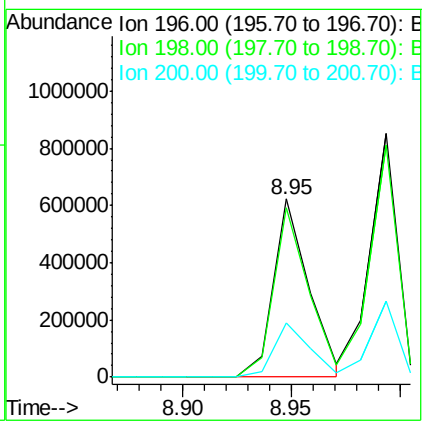


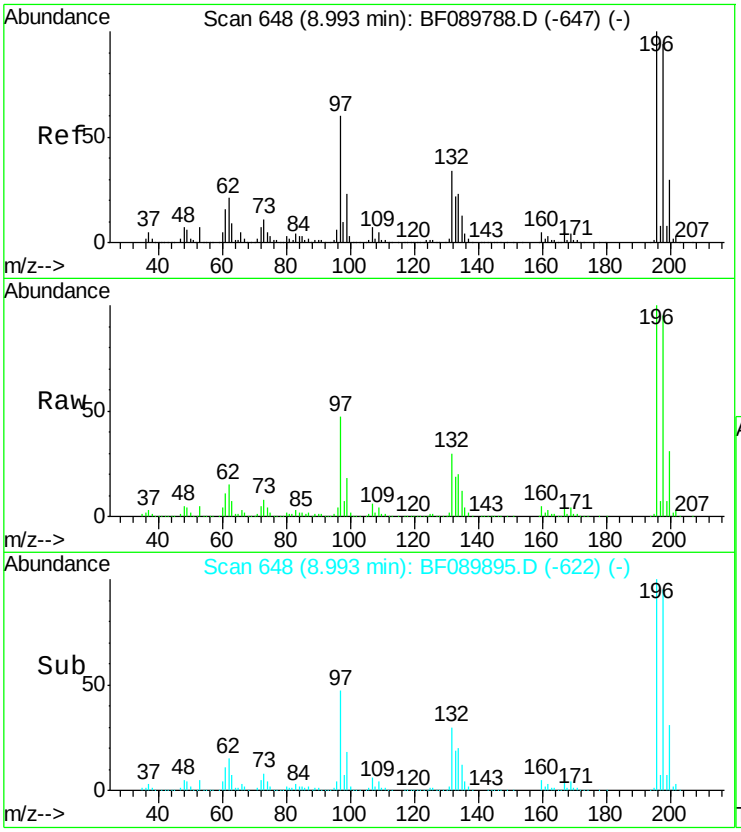


#42
2,4,6-Trichlorophenol
Concen: 43.76 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:196 Resp: 710514

Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	30.3	24.6	36.8



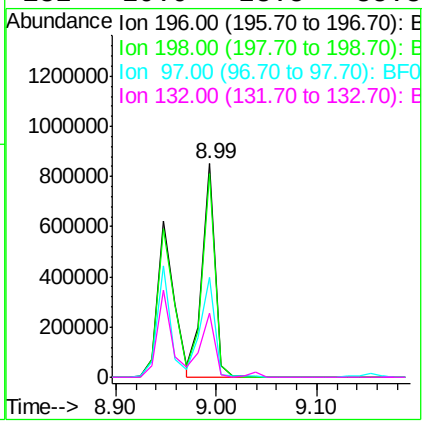


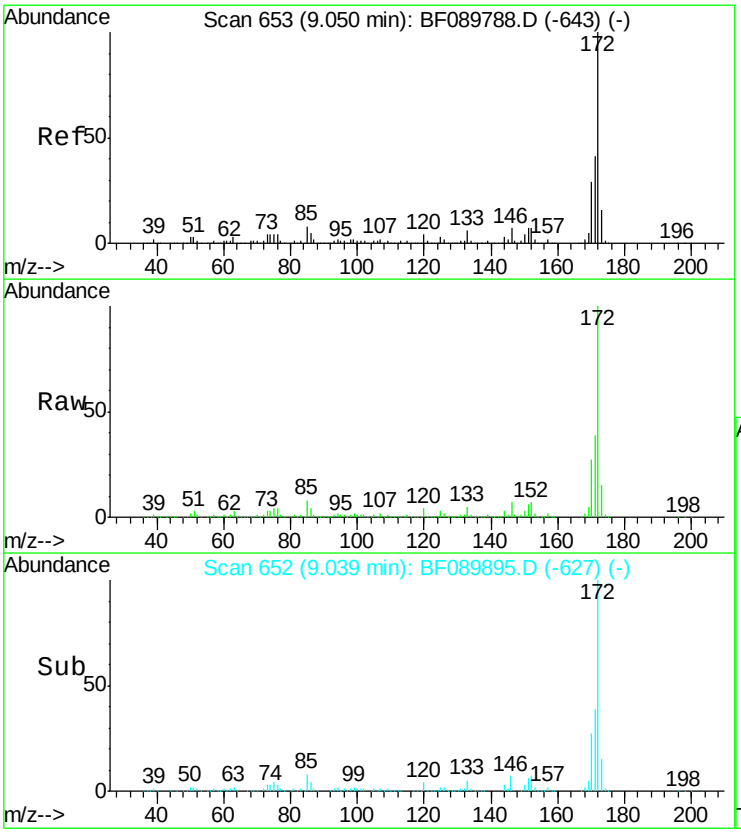
#43
2,4,5-Trichlorophenol
Concen: 46.96 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:196 Resp: 758315

Ion	Ratio	Lower	Upper
196	100		
198	95.4	76.6	114.8
97	46.7	35.8	53.8
132	29.9	23.5	35.3

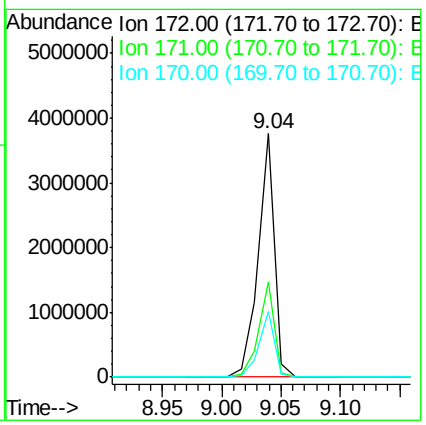


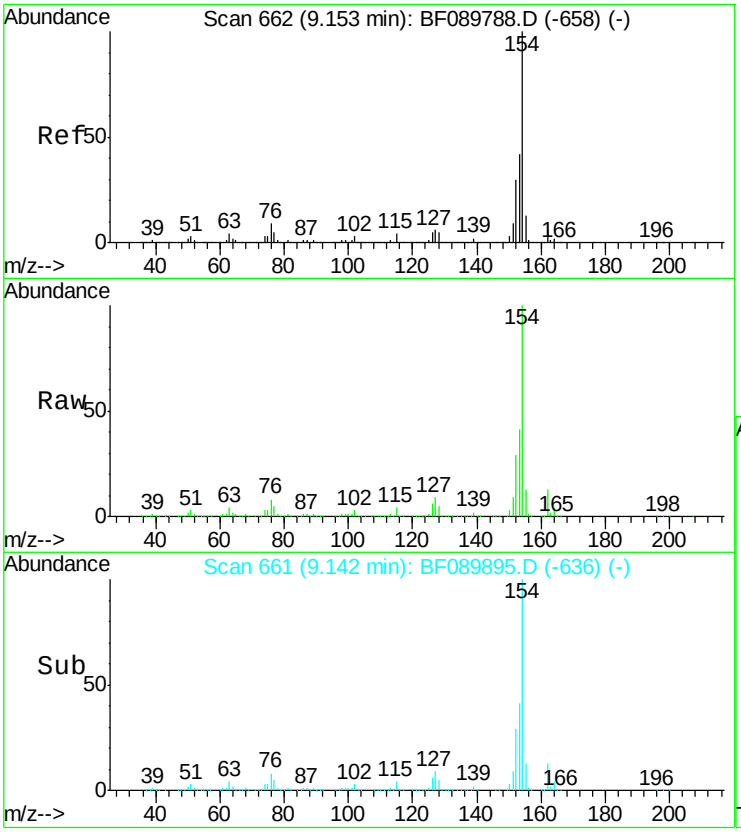


#44
2-Fluorobiphenyl
Concen: 79.31 ng
RT: 9.04 min Scan# 652
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:172 Resp: 3596520

Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.5	45.7
170	27.0	20.6	31.0



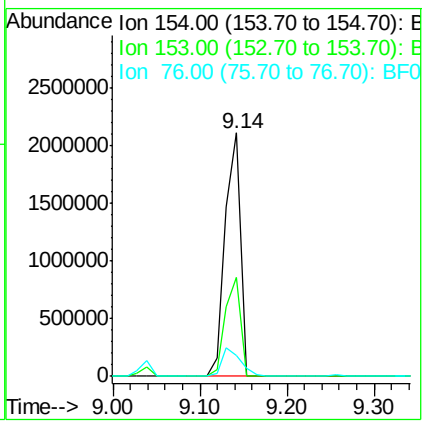


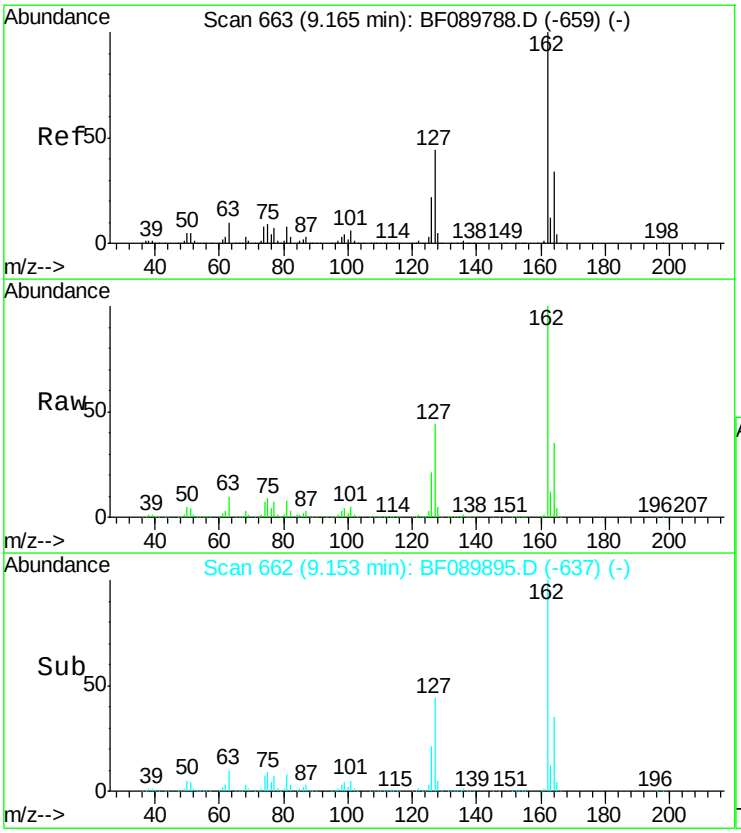
#45
1,1'-Biphenyl
Concen: 41.66 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:154 Resp: 2569050

Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.5	61.5
76	8.5	0.0	36.7

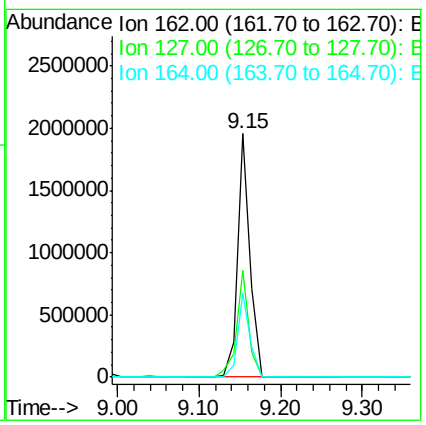


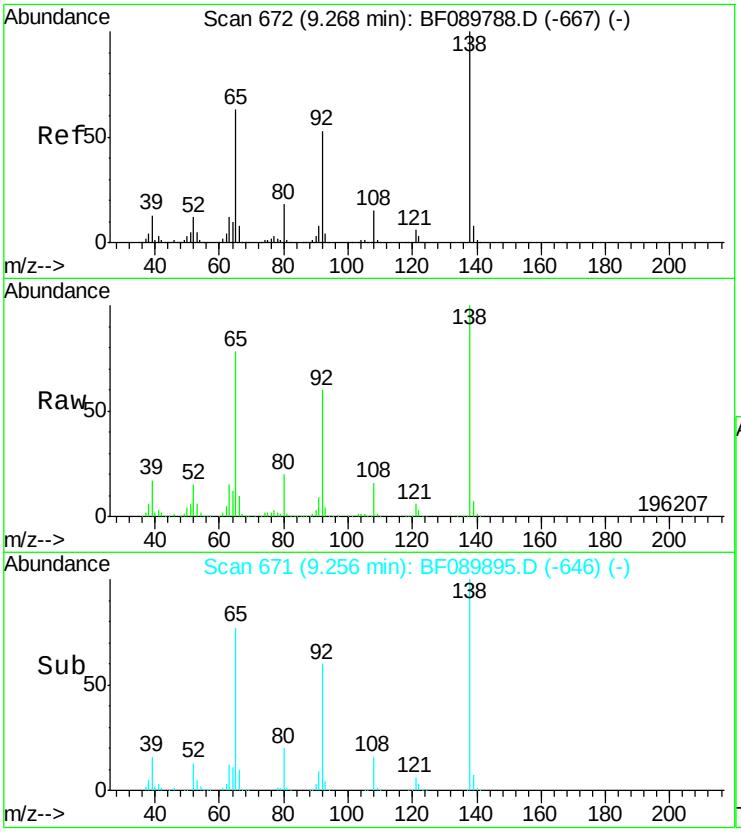


#46
2-Chloronaphthalene
Concen: 41.80 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:162 Resp: 2038057

Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.5	53.3
164	34.6	26.6	40.0



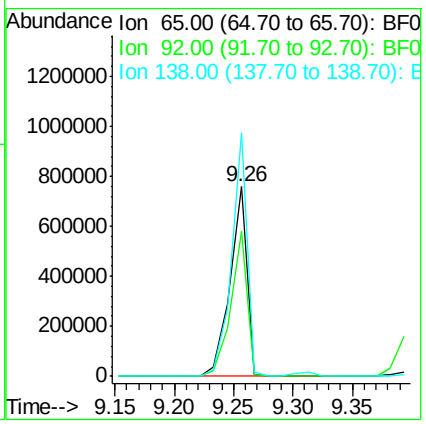


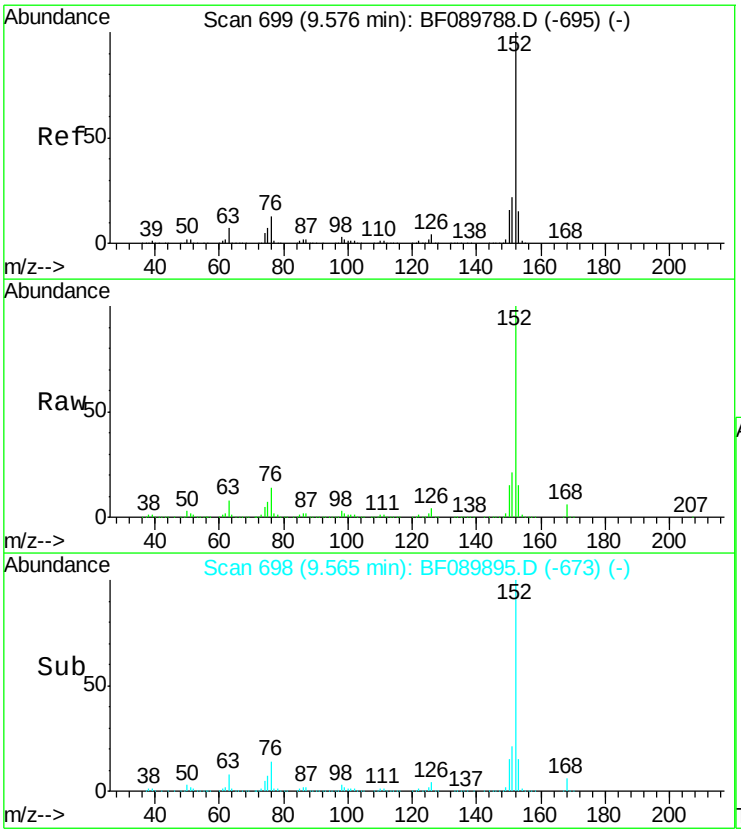
#47
2-Nitroaniline
Concen: 54.09 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion: 65 Resp: 752052

Ion	Ratio	Lower	Upper
65	100		
92	76.8	56.3	84.5
138	128.4	81.8	122.8#

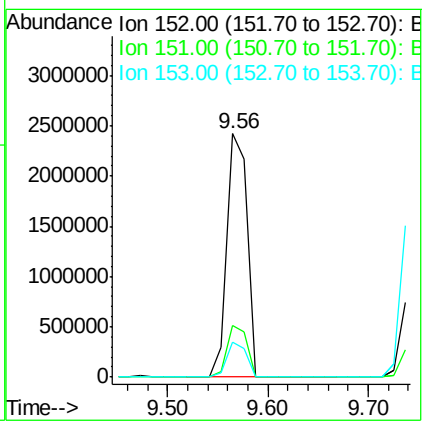


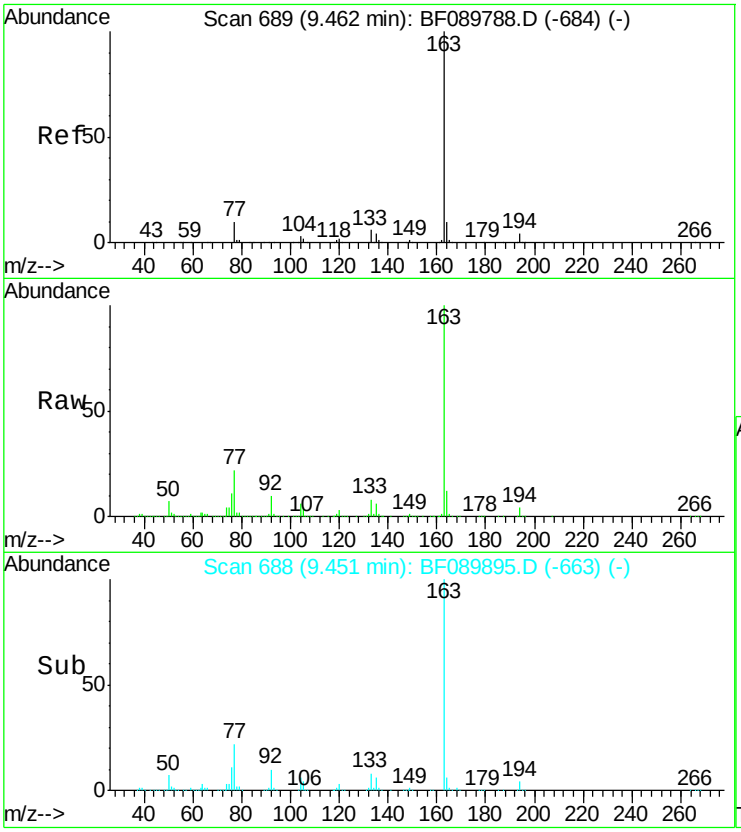


#48
Acenaphthylene
Concen: 45.92 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:152 Resp: 3363976

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7
153	14.5	11.2	16.8



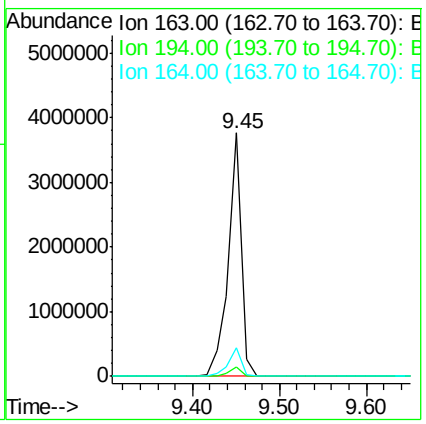


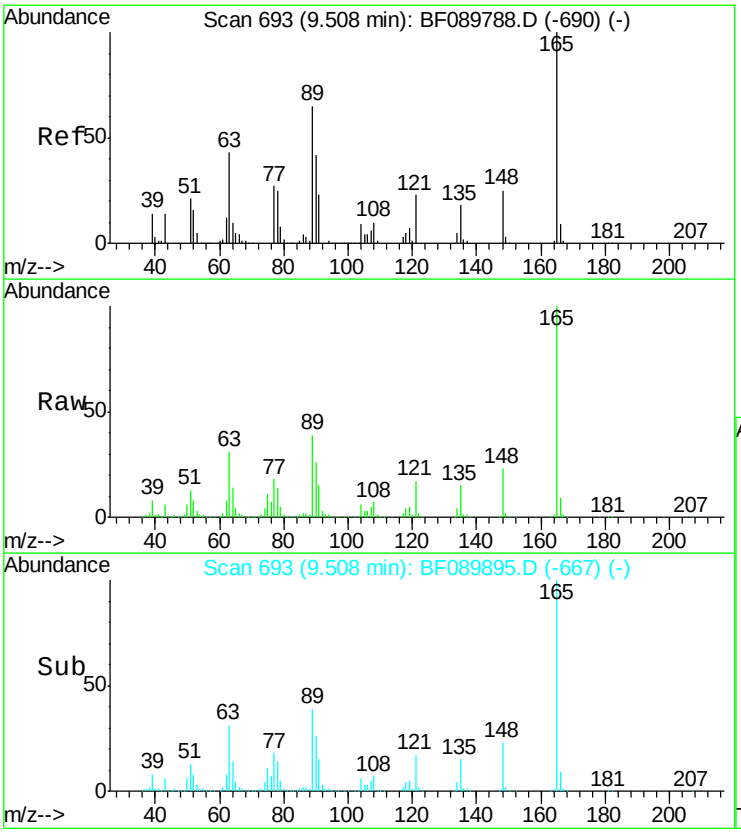
#49
Dimethylphthalate
Concen: 69.93 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:163 Resp: 3923984

Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	3.8
164	11.9	8.6	12.8

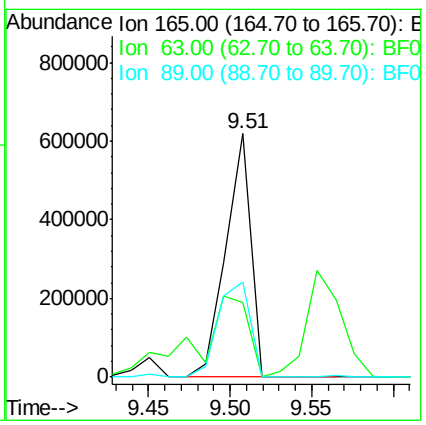


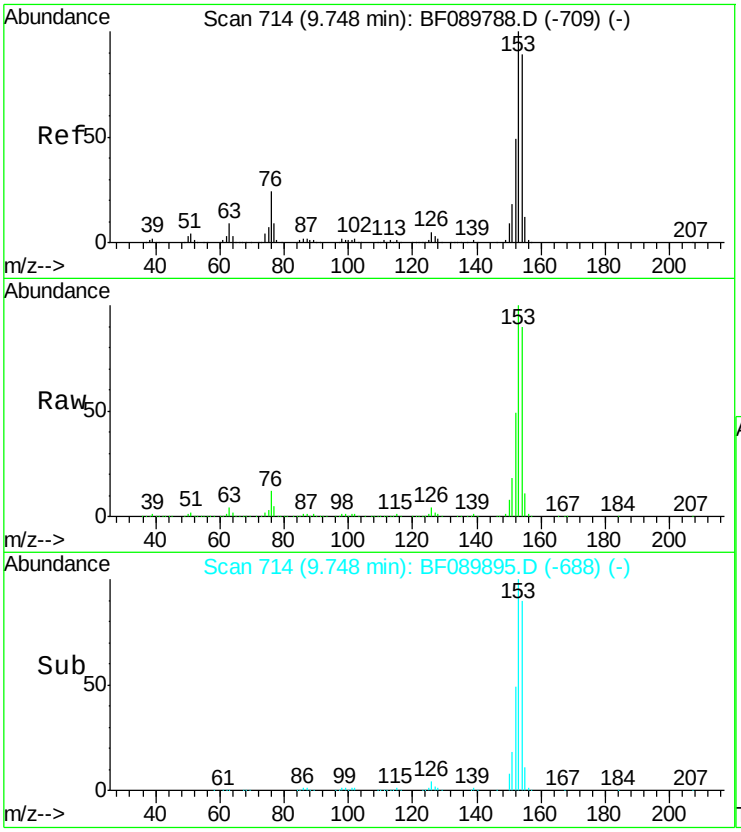


#50
2,6-Dinitrotoluene
Concen: 50.13 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:165 Resp: 649481

Ion	Ratio	Lower	Upper
165	100		
63	30.9	41.7	62.5#
89	38.9	44.6	67.0#



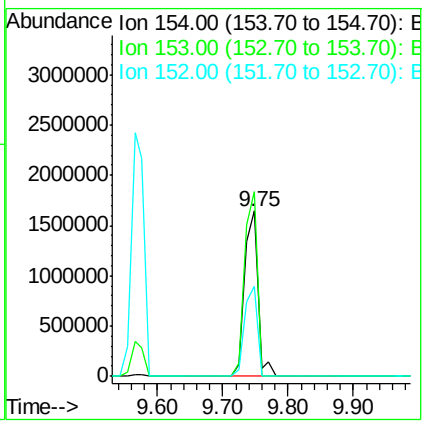


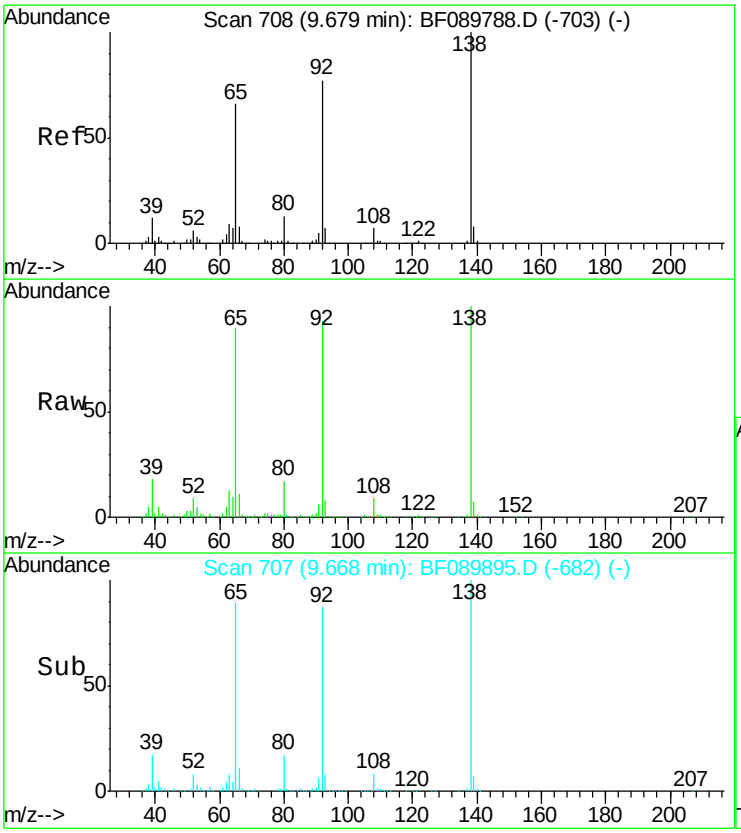
#51
Acenaphthene
Concen: 47.32 ng
RT: 9.75 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:154 Resp: 2294314

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	54.8	44.6	67.0

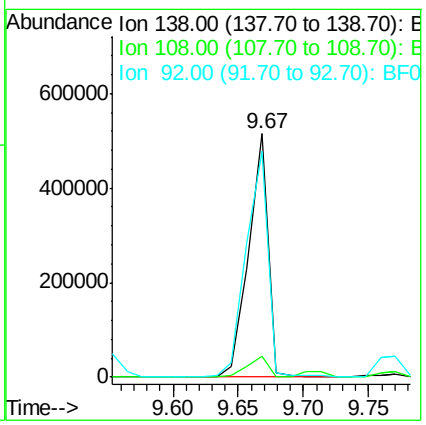


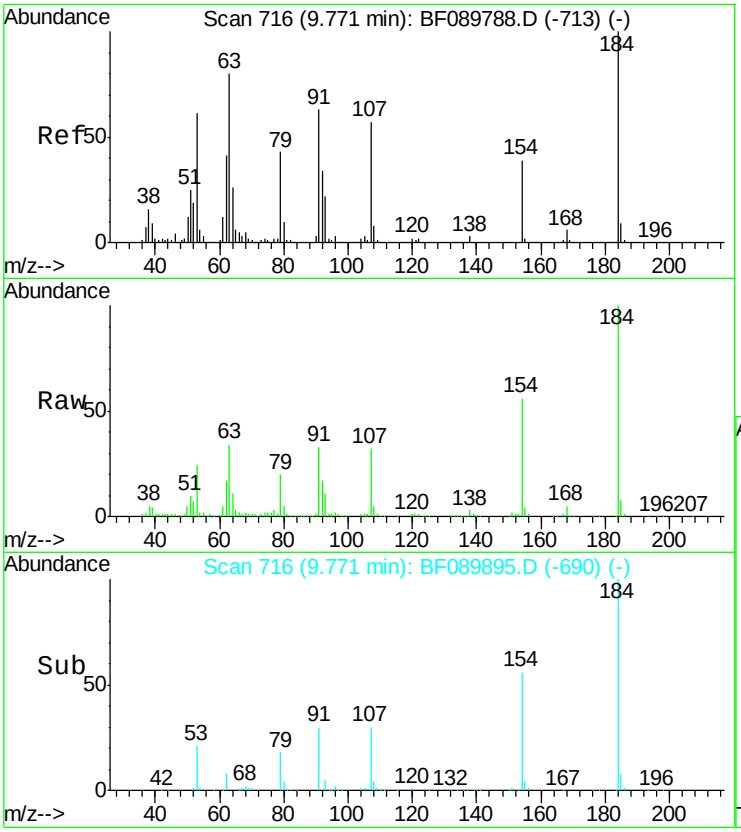


#52
3-Nitroaniline
Concen: 37.34 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:138 Resp: 535949

Ion	Ratio	Lower	Upper
138	100		
108	8.5	8.1	12.1
92	92.7	92.7	139.1



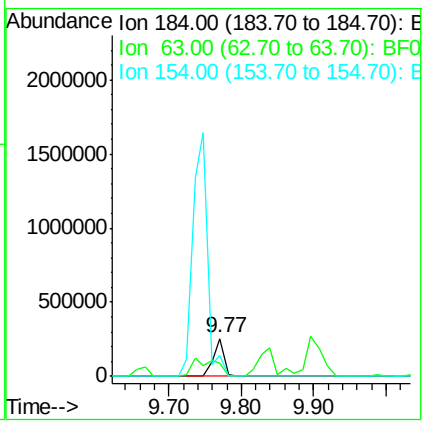


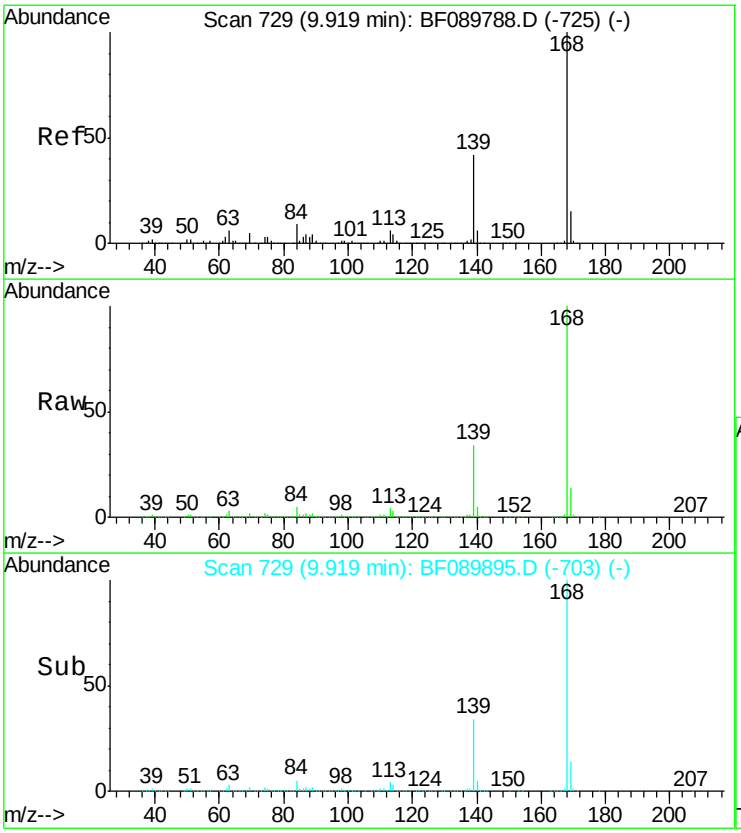
#53
2,4-Dinitrophenol
Concen: 43.02 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:184 Resp: 259011

Ion	Ratio	Lower	Upper
184	100		
63	34.1	54.2	81.4#
154	56.0	52.7	79.1

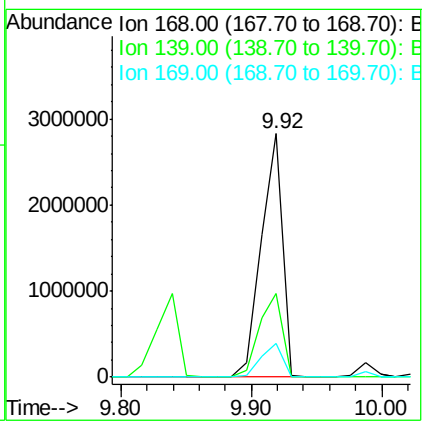


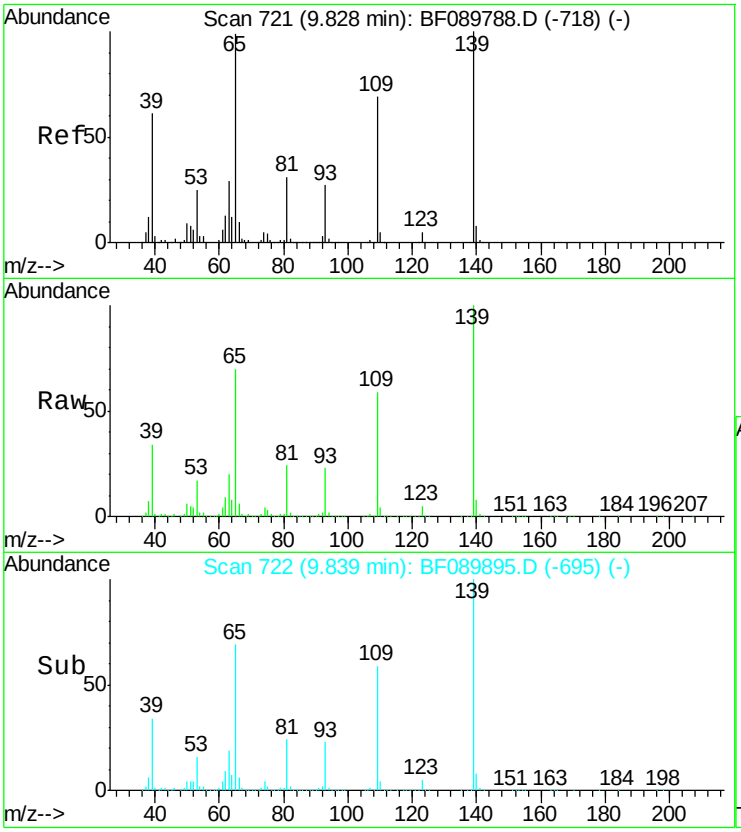


#54
Dibenzofuran
Concen: 52.60 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:168 Resp: 3202999

Ion	Ratio	Lower	Upper
168	100		
139	34.5	34.6	52.0#
169	14.0	11.5	17.3



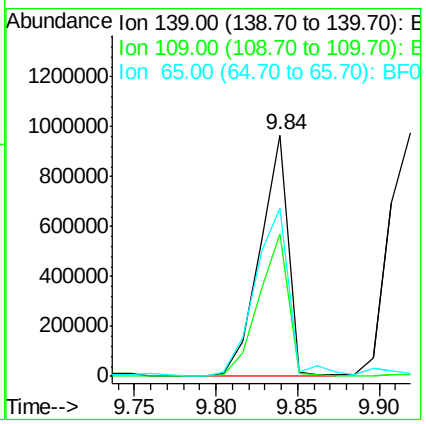


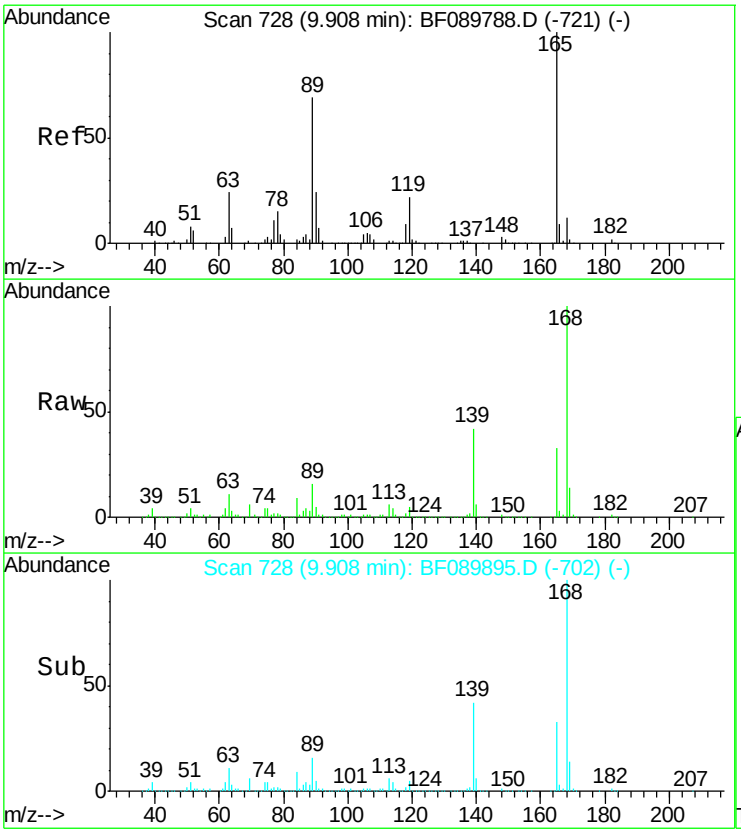
#55
4-Nitrophenol
Concen: 99.69 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:139 Resp: 1167926

Ion	Ratio	Lower	Upper
139	100		
109	59.0	43.0	83.0
65	69.5	55.7	95.7

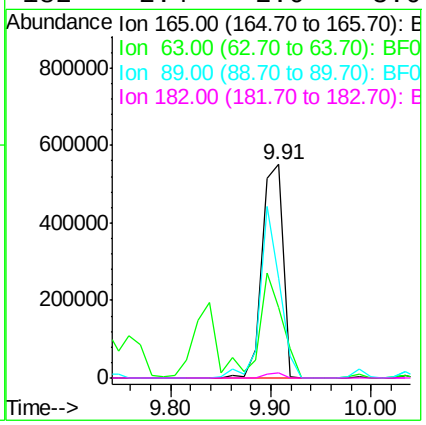


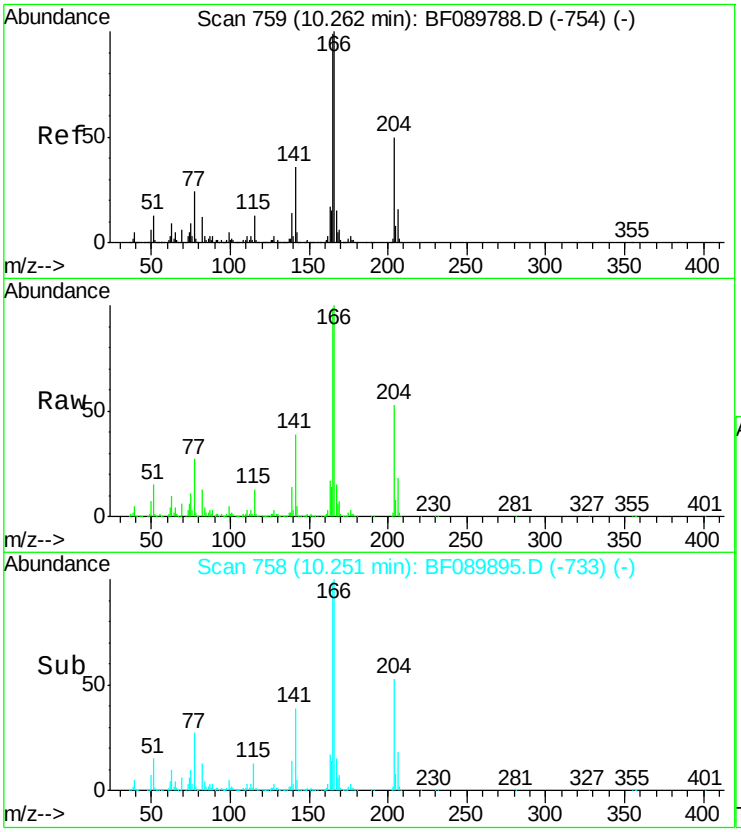


#56
2,4-Dinitrotoluene
Concen: 47.13 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:165 Resp: 792319

Ion	Ratio	Lower	Upper
165	100		
63	33.2	23.7	35.5
89	46.8	44.0	66.0
182	2.4	2.0	3.0



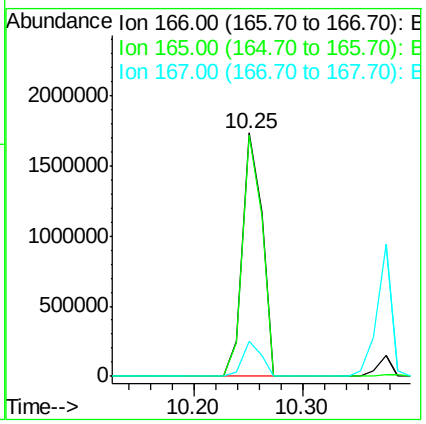


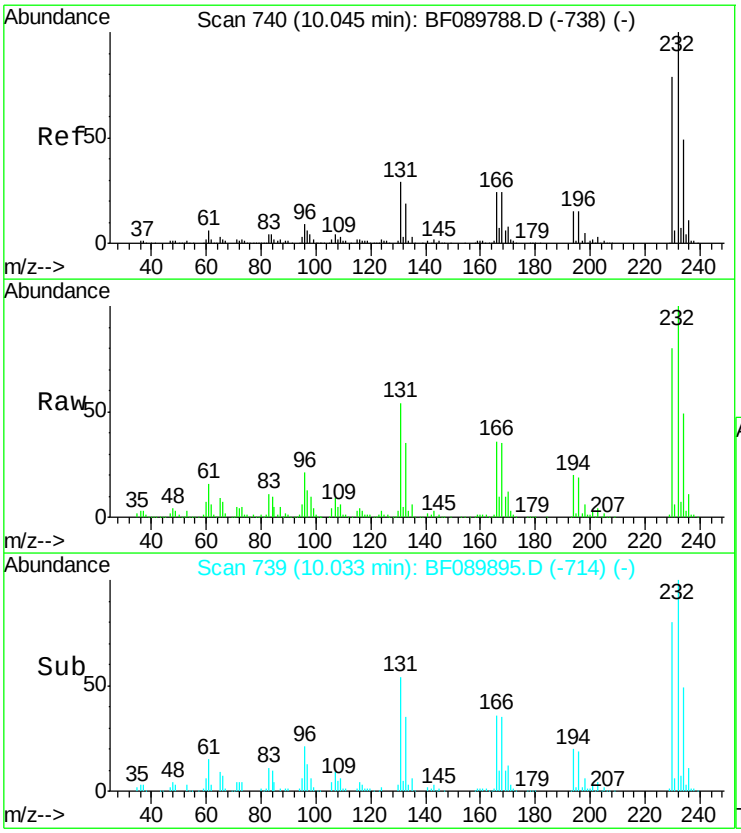
#57
Fluorene
Concen: 44.79 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:166 Resp: 2173908

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.2	120.4
167	14.6	11.3	16.9

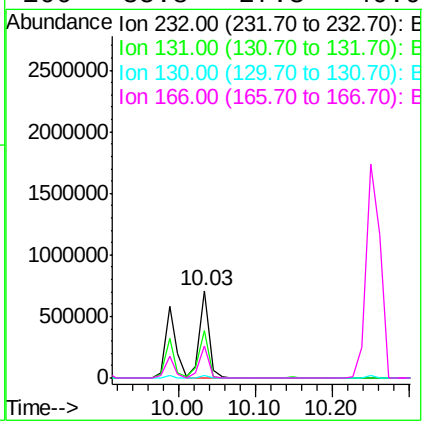


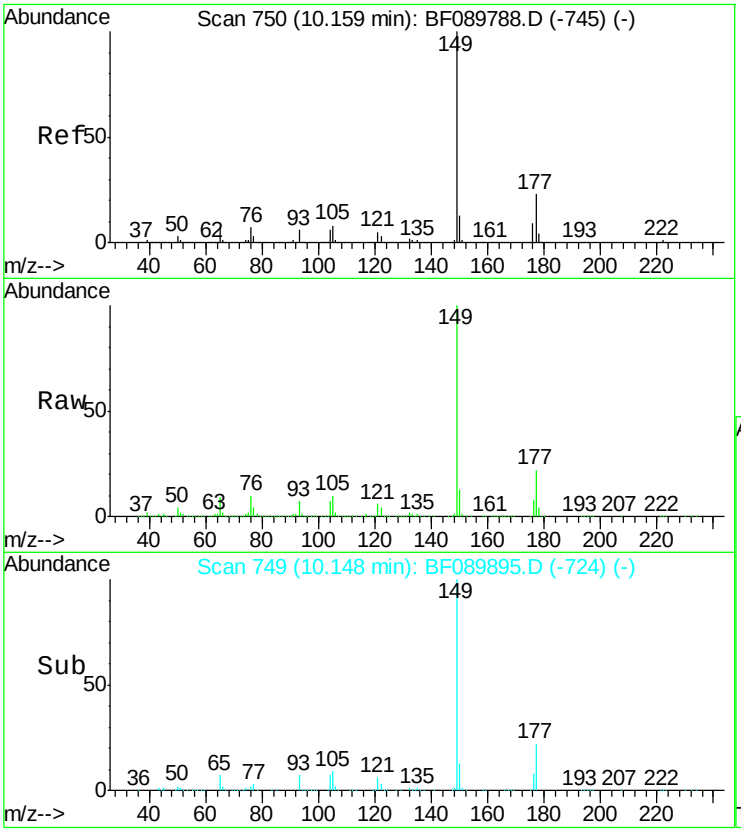


#58
2,3,4,6-Tetrachlorophenol
Concen: 51.52 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:232 Resp: 605444

Ion	Ratio	Lower	Upper
232	100		
131	54.5	42.5	63.7
130	2.6	2.2	3.4
166	35.8	27.3	40.9



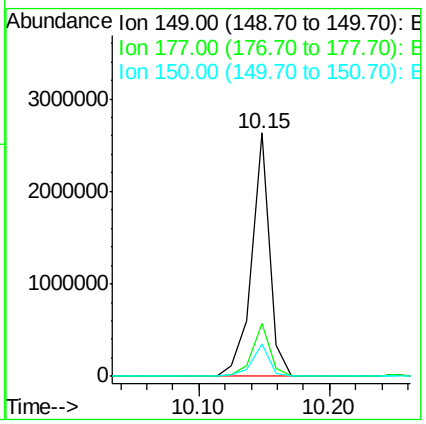


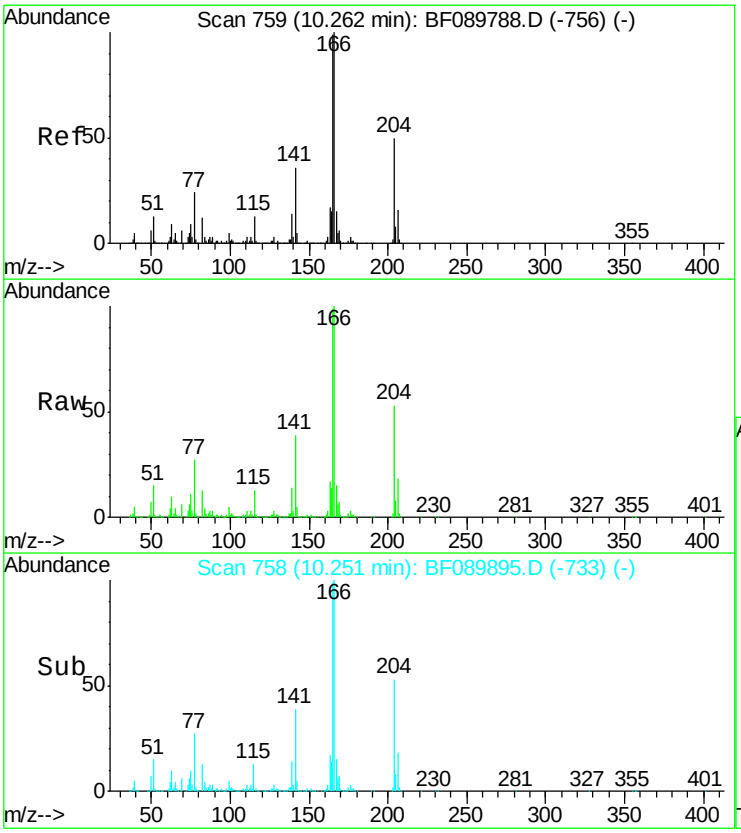
#59
Diethylphthalate
Concen: 44.23 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:149 Resp: 2521394

Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.6	25.0
150	13.4	10.5	15.7

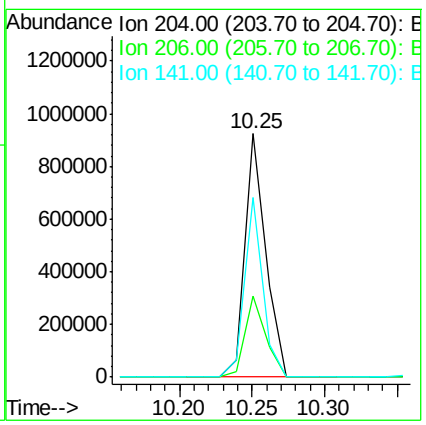


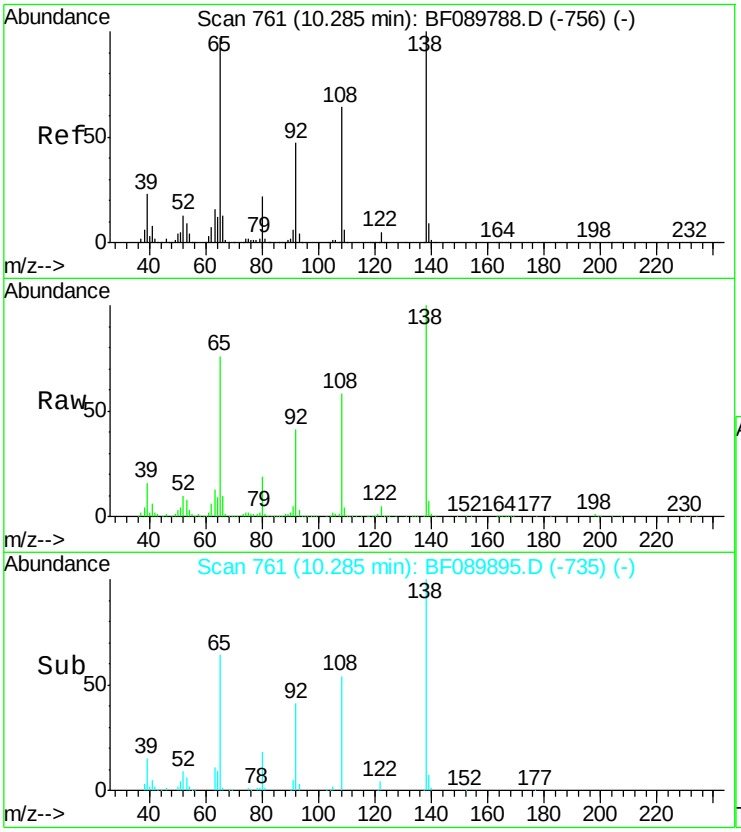


#60
4-Chlorophenyl-phenylether
Concen: 41.37 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:204 Resp: 915853

Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	73.7	54.1	81.1



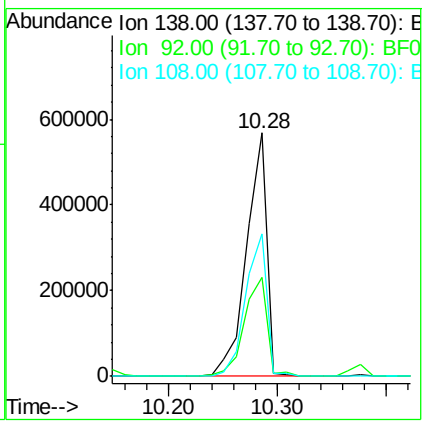


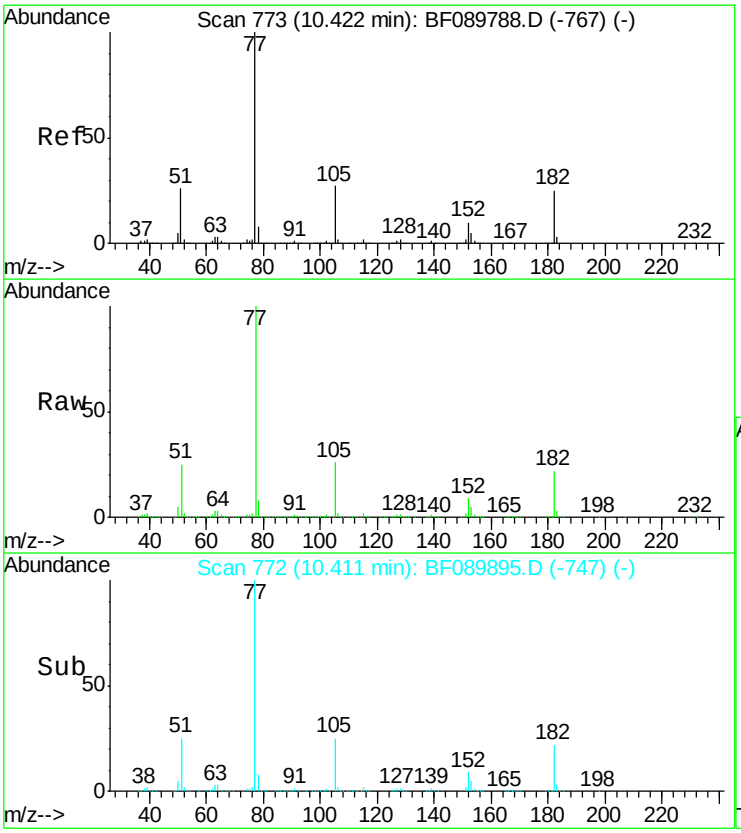
#61
4-Nitroaniline
Concen: 54.89 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:138 Resp: 738608

Ion	Ratio	Lower	Upper
138	100		
92	40.9	26.4	66.4
108	58.4	47.0	87.0

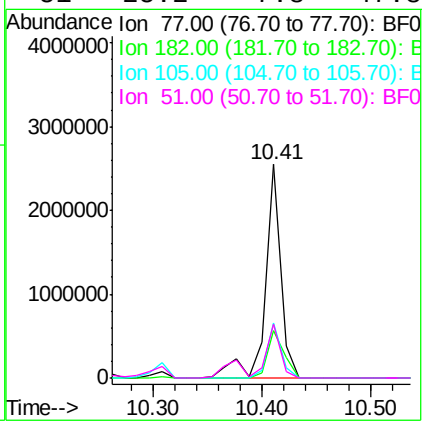


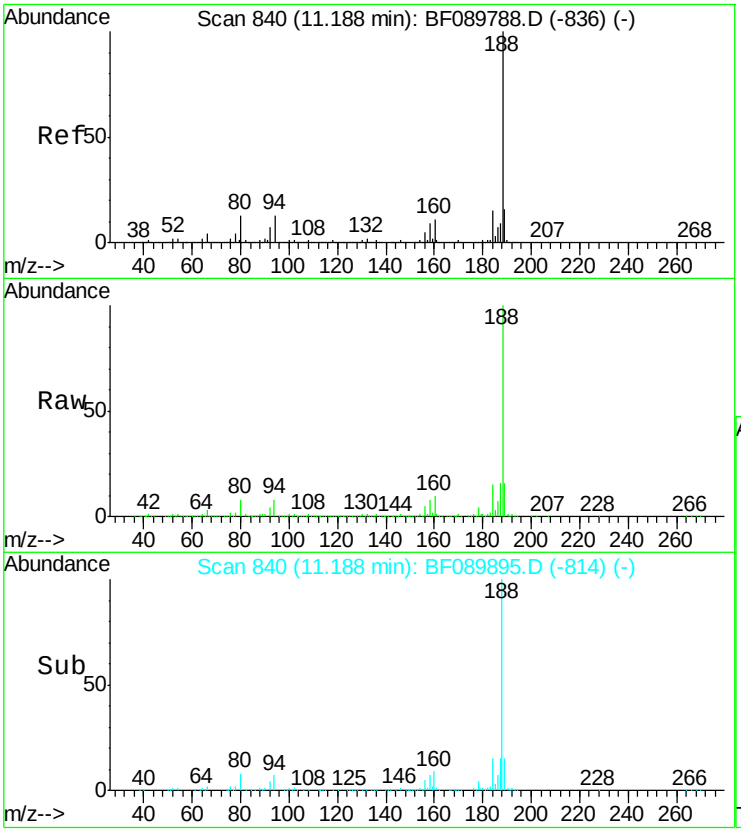


#62
Azobenzene
Concen: 47.95 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion: 77 Resp: 2570044

Ion	Ratio	Lower	Upper
77	100		
182	22.3	5.6	45.6
105	25.7	4.0	44.0
51	25.2	7.8	47.8



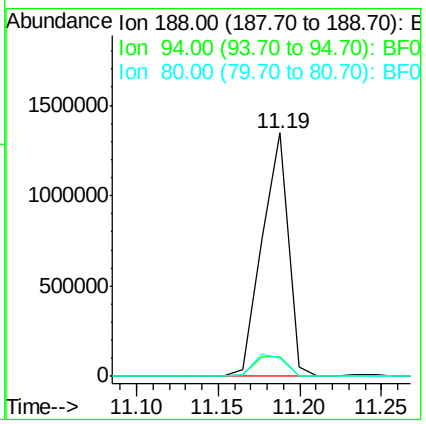


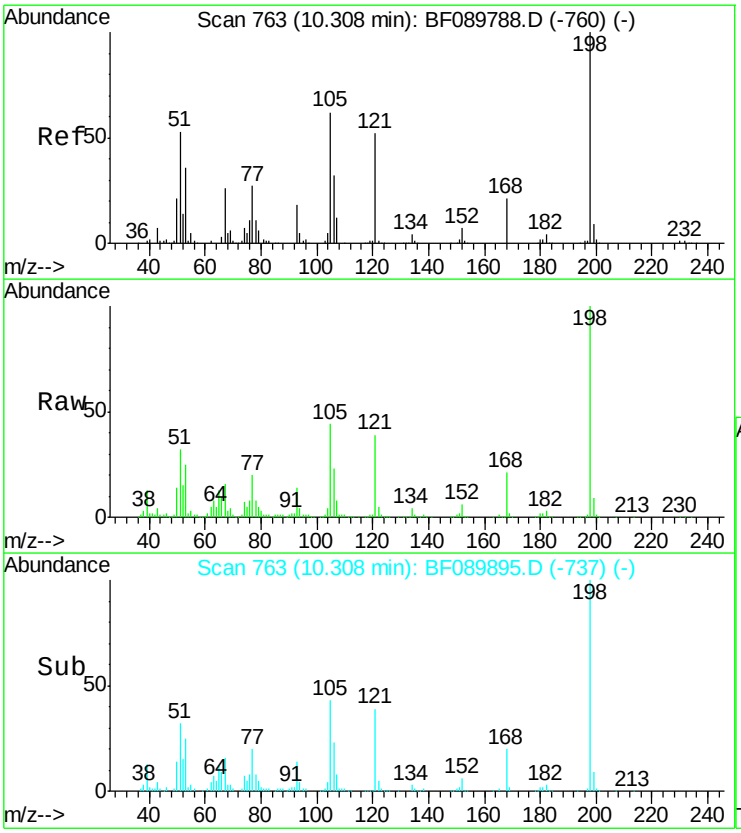
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:188 Resp: 1511700

Ion	Ratio	Lower	Upper
188	100		
94	7.9	10.2	15.2#
80	7.7	10.9	16.3#

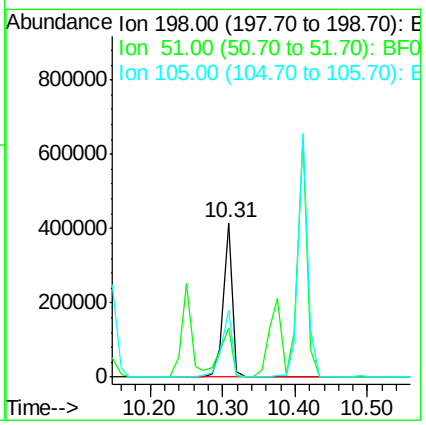


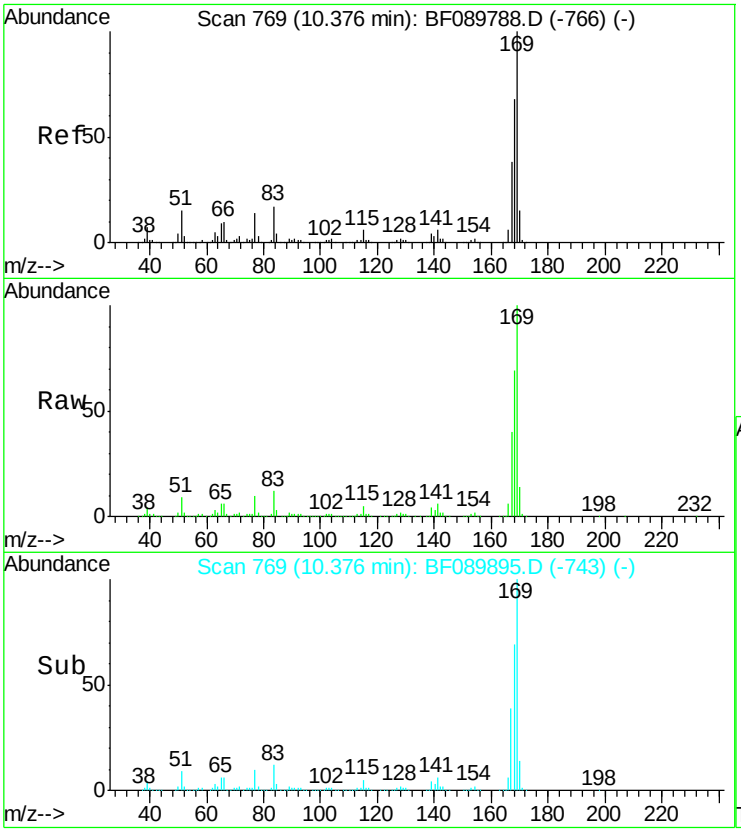


#64
4,6-Dinitro-2-methylphenol
Concen: 41.20 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:198 Resp: 357889

Ion	Ratio	Lower	Upper
198	100		
51	32.0	32.3	72.3#
105	43.5	32.9	72.9



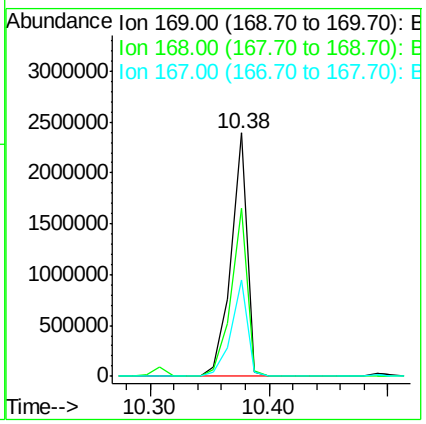


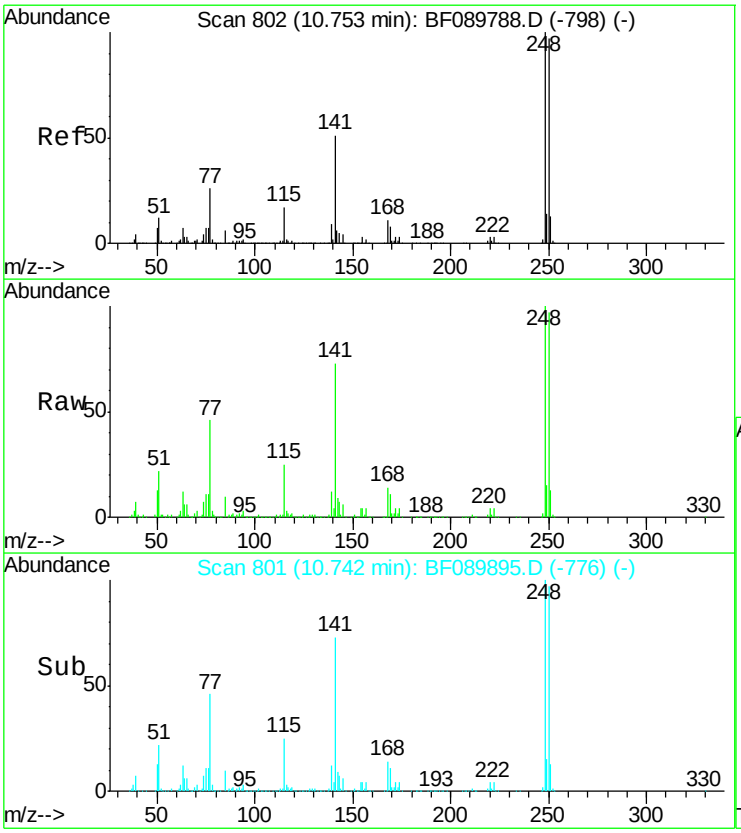
#65
n-Nitrosodiphenylamine
Concen: 47.55 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:169 Resp: 2260034

Ion	Ratio	Lower	Upper
169	100		
168	69.0	54.6	82.0
167	39.5	30.6	45.8

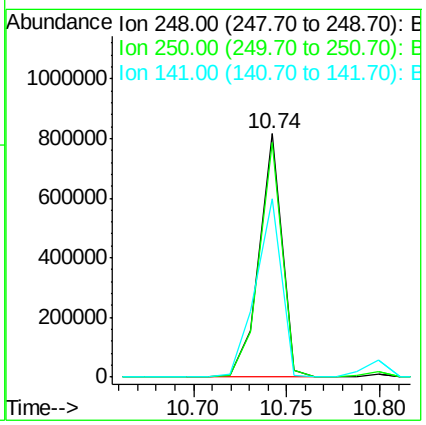


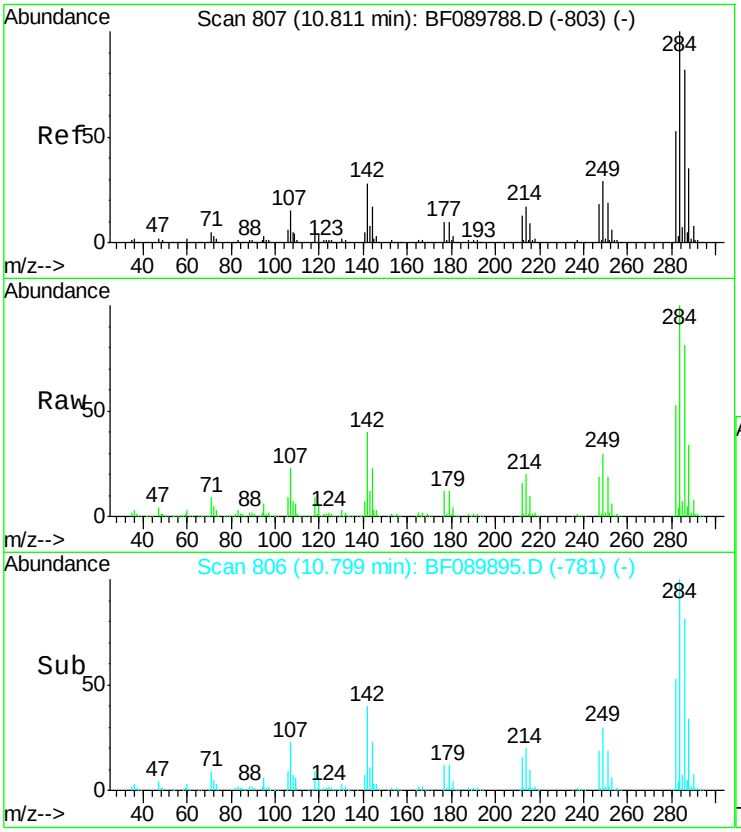


#66
4-Bromophenyl-phenylether
Concen: 43.44 ng
RT: 10.74 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:248 Resp: 688533

Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.6	117.8
141	73.0	31.4	47.2#



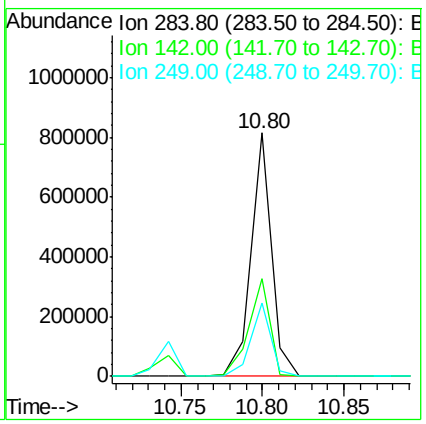


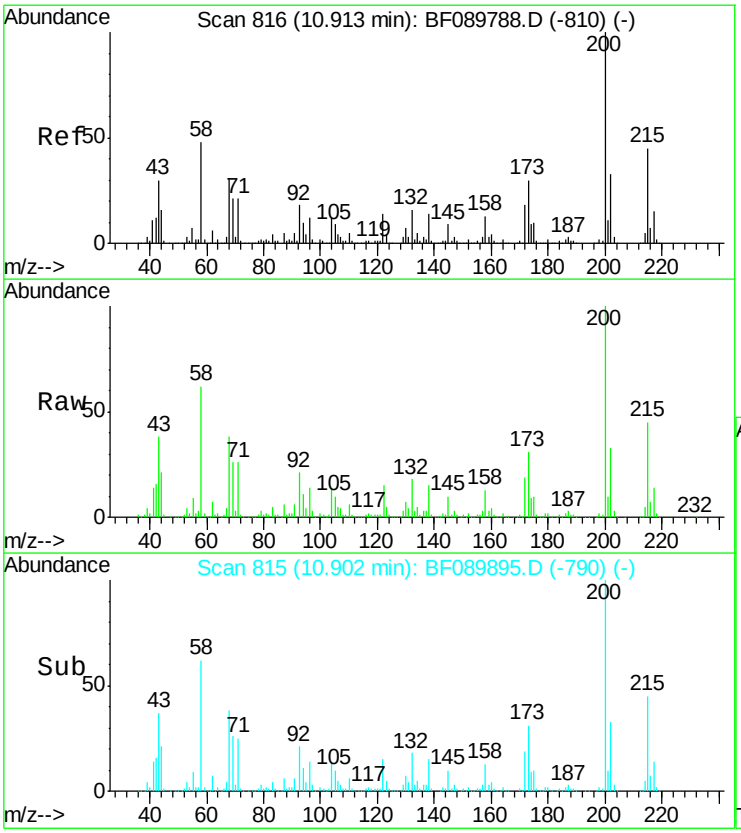
#67
Hexachlorobenzene
Concen: 39.16 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:284 Resp: 708070

Ion	Ratio	Lower	Upper
284	100		
142	40.1	17.4	26.2#
249	30.1	22.8	34.2

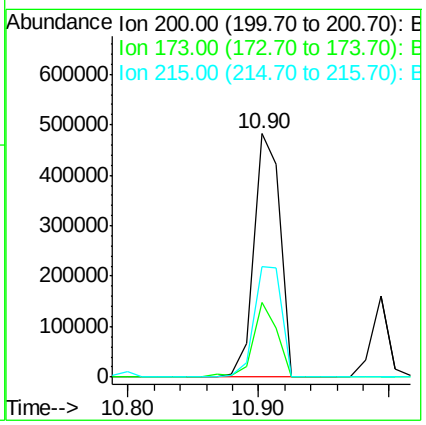


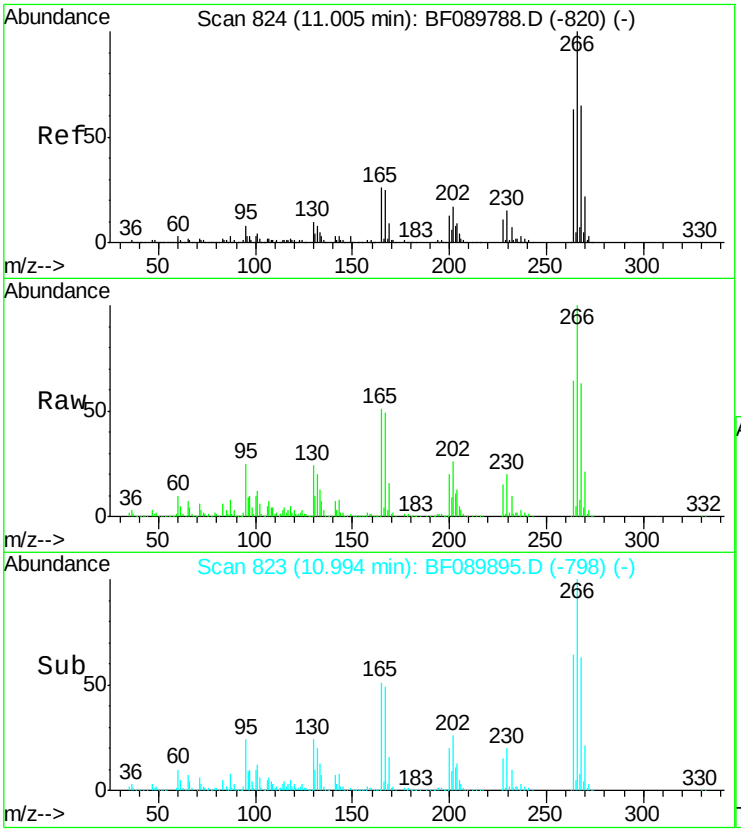


#68
Atrazine
Concen: 46.22 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:200 Resp: 672821

Ion	Ratio	Lower	Upper
200	100		
173	30.8	6.6	46.6
215	45.4	24.7	64.7



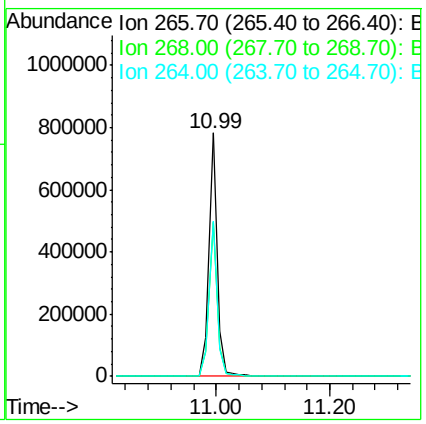


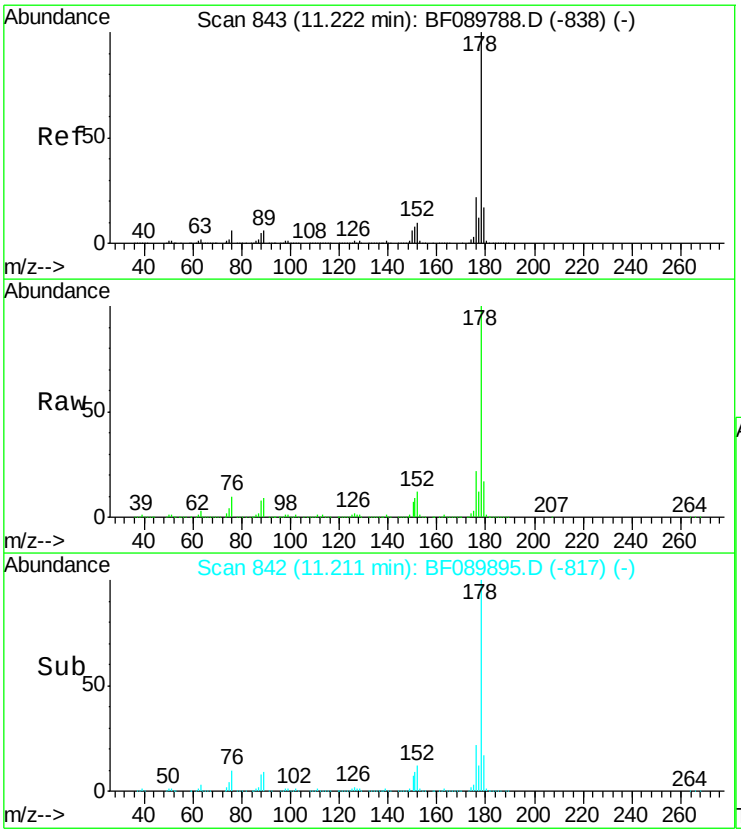
#69
Pentachlorophenol
Concen: 74.10 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:266 Resp: 759421

Ion	Ratio	Lower	Upper
266	100		
268	63.3	53.2	79.8
264	64.0	51.1	76.7

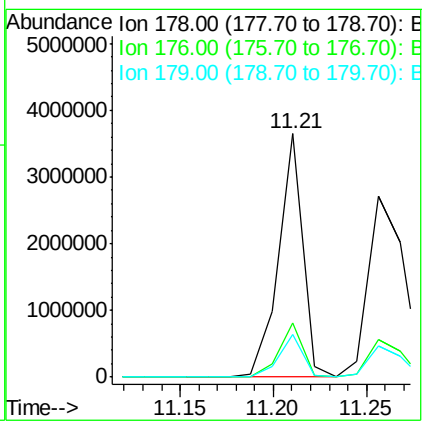


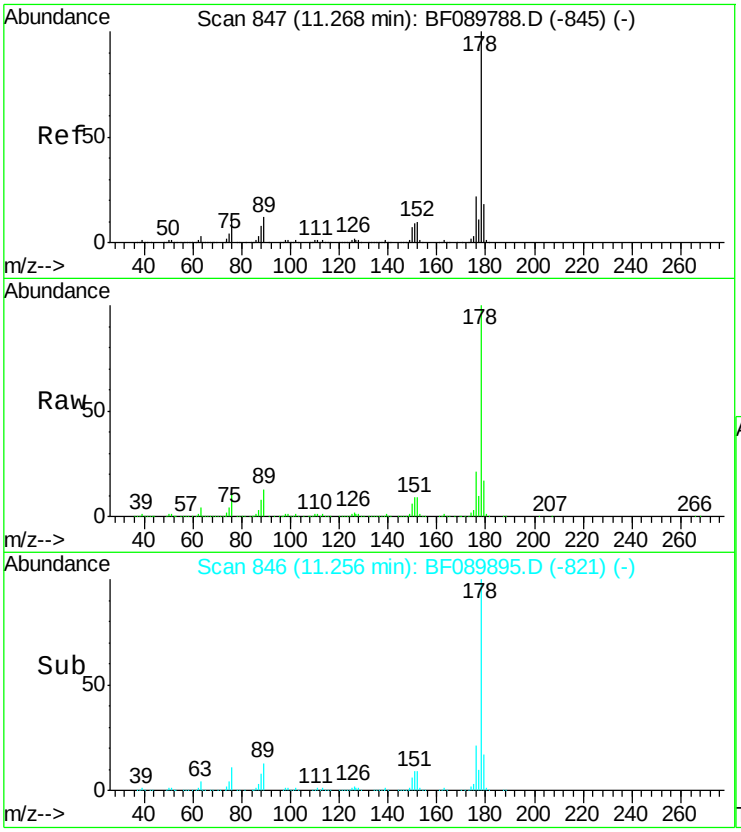


#70
Phenanthrene
Concen: 43.72 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:178 Resp: 3337910

Ion	Ratio	Lower	Upper
178	100		
176	22.4	16.4	24.6
179	17.4	12.5	18.7



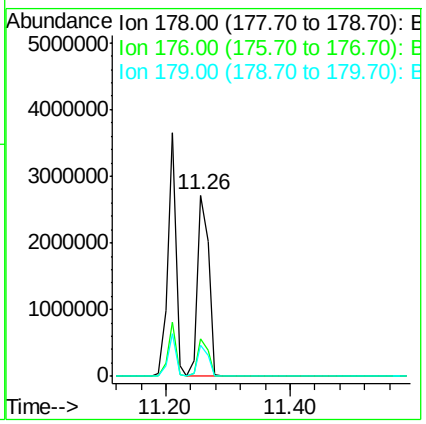


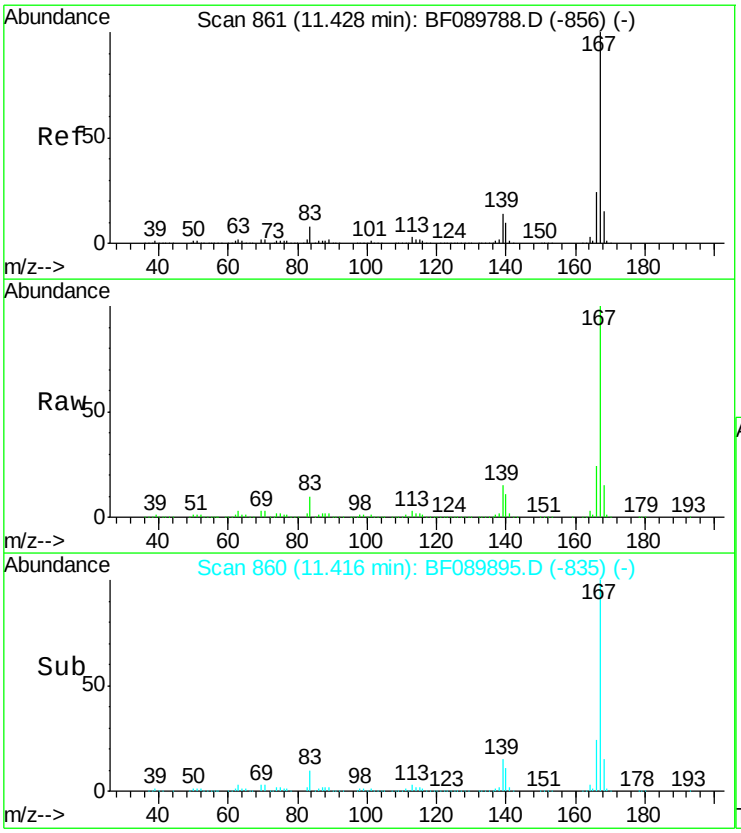
#71
Anthracene
Concen: 44.40 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:178 Resp: 3445672

Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.4	24.6
179	17.2	13.1	19.7

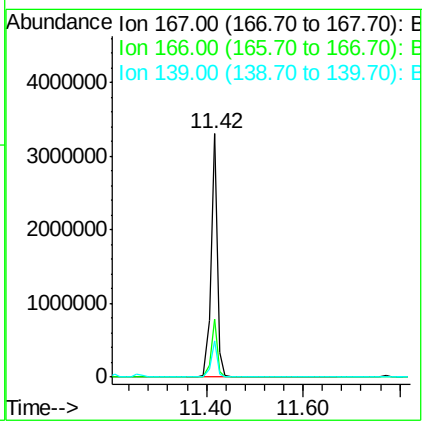


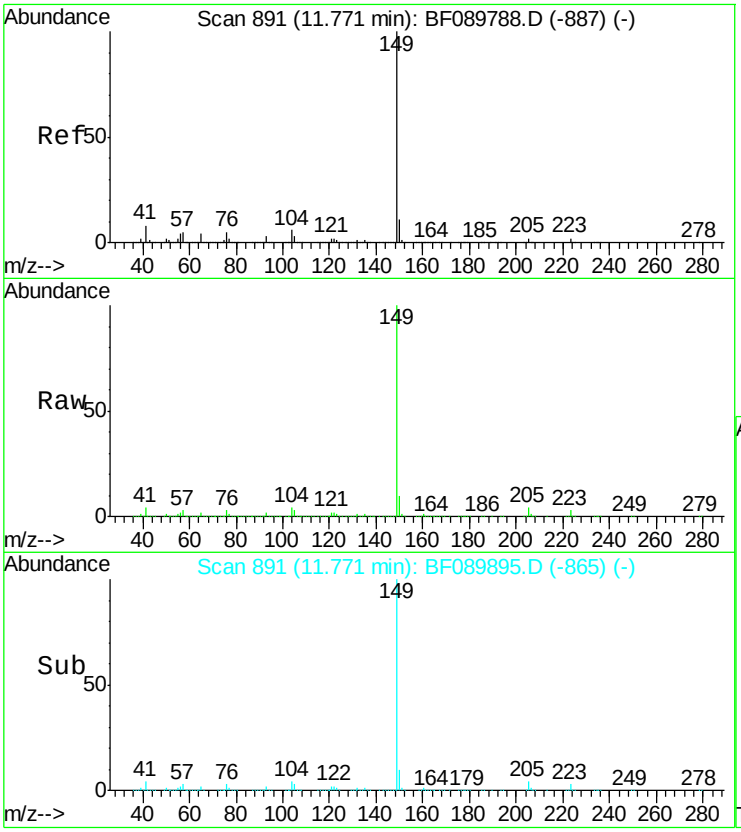


#72
Carbazole
Concen: 44.34 ng
RT: 11.42 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:167 Resp: 3086439

Ion	Ratio	Lower	Upper
167	100		
166	23.8	17.9	26.9
139	14.9	12.4	18.6



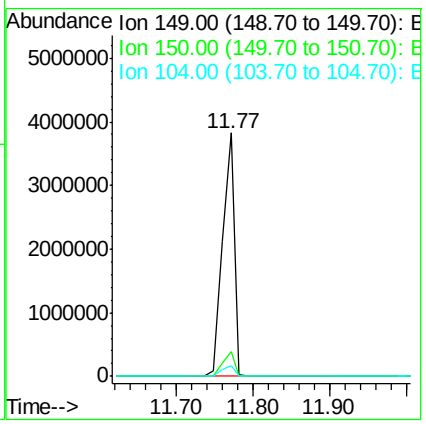


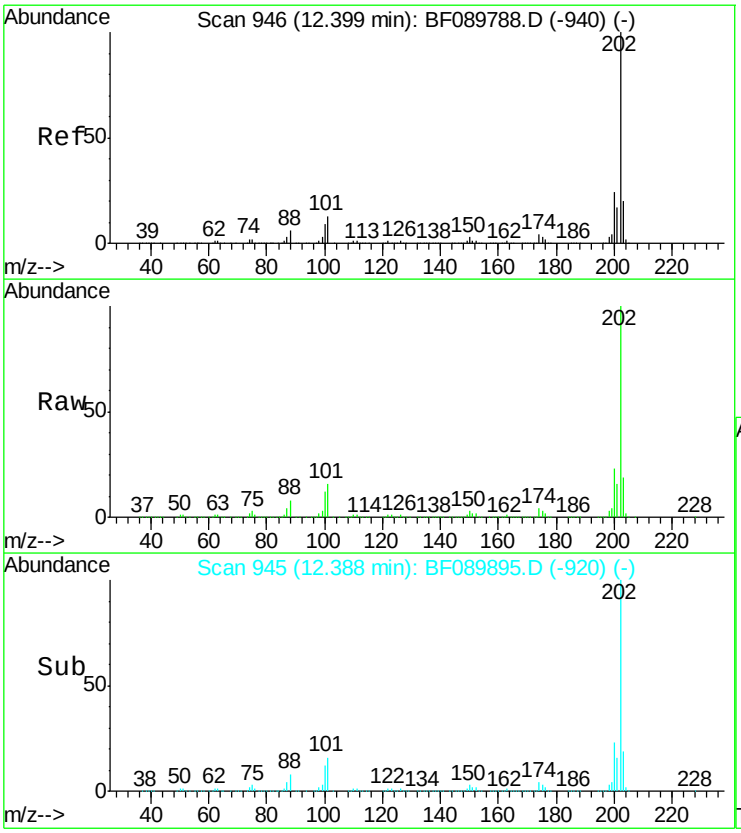
#73
Di-n-butylphthalate
Concen: 47.94 ng
RT: 11.77 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:149 Resp: 4174995

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.9	11.9
104	4.3	4.3	6.5#

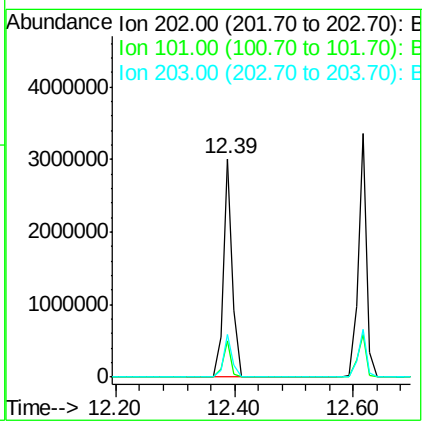


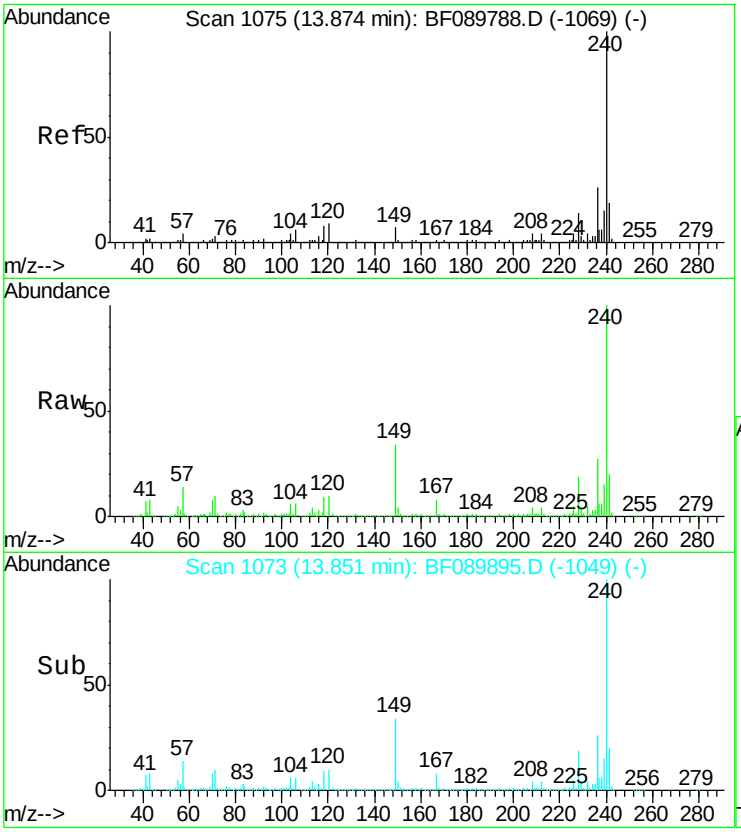


#74
Fluoranthene
Concen: 42.98 ng
RT: 12.39 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:202 Resp: 3121457

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	31.2
203	19.3	0.0	38.1



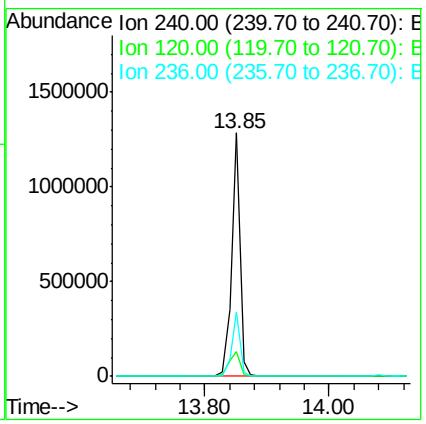


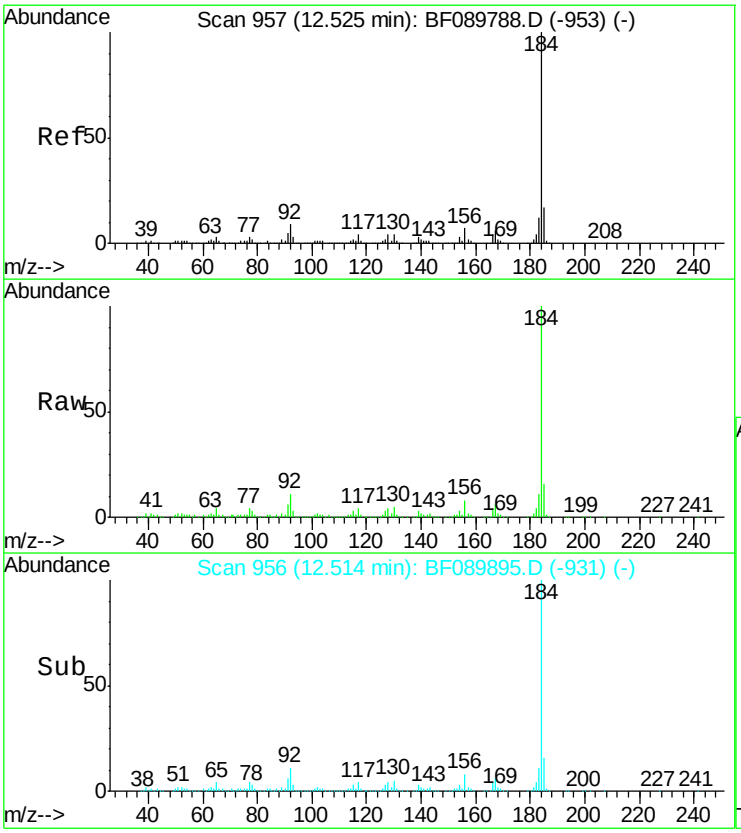
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:240 Resp: 1209569

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	26.5	21.3	31.9

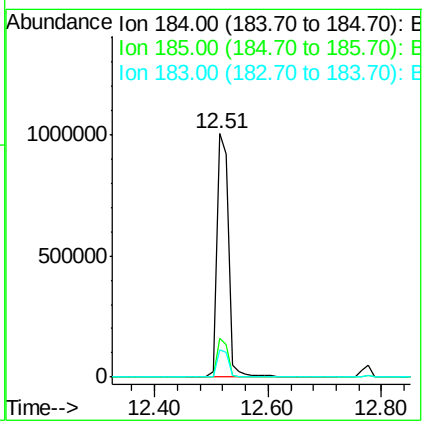


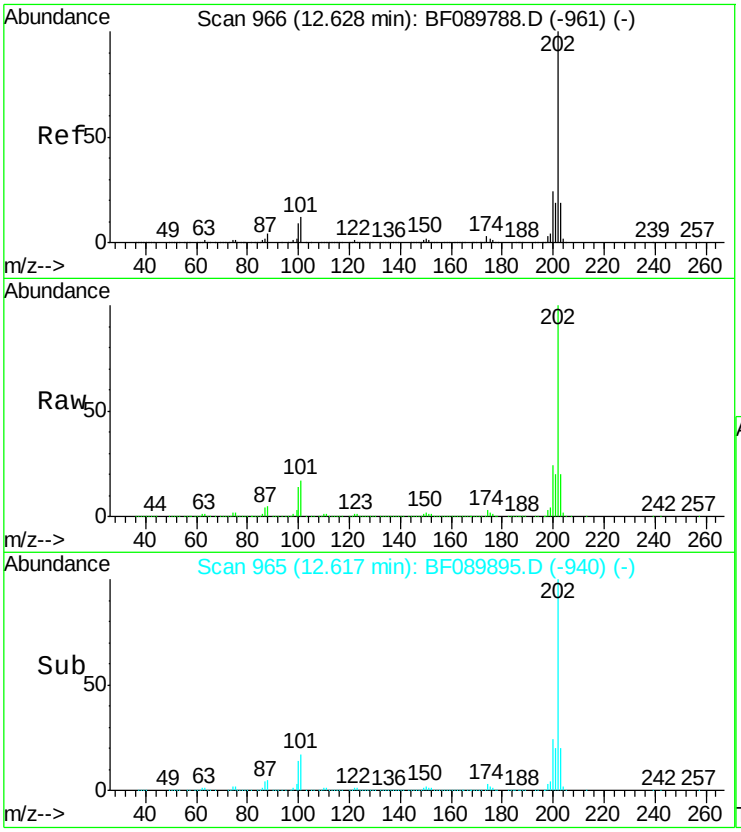


#76
Benzidine
Concen: 36.59 ng
RT: 12.51 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:184 Resp: 1432367

Ion	Ratio	Lower	Upper
184	100		
185	15.8	13.8	20.8
183	11.1	9.7	14.5



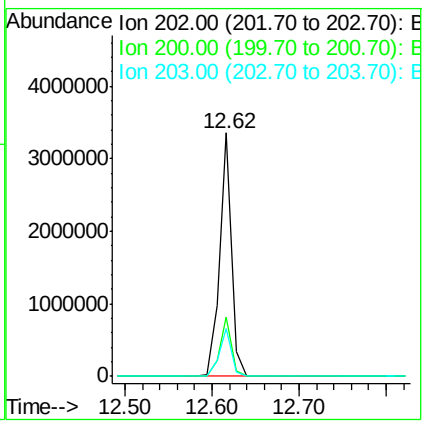


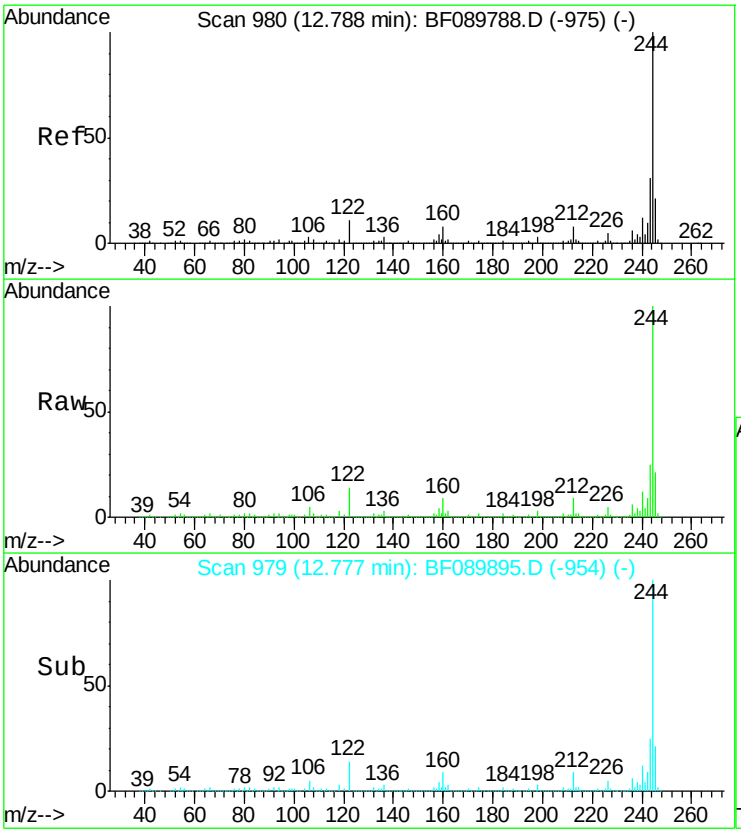
#77
Pyrene
Concen: 32.93 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:202 Resp: 3243340

Ion	Ratio	Lower	Upper
202	100		
200	24.4	17.8	26.6
203	19.6	14.2	21.4

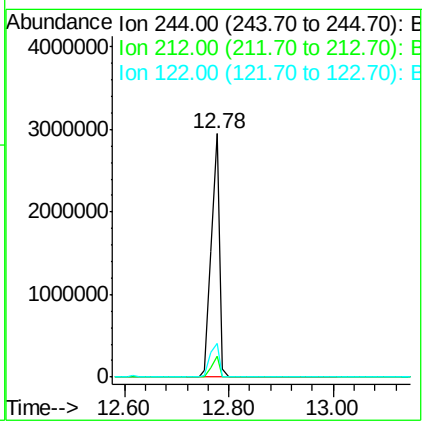


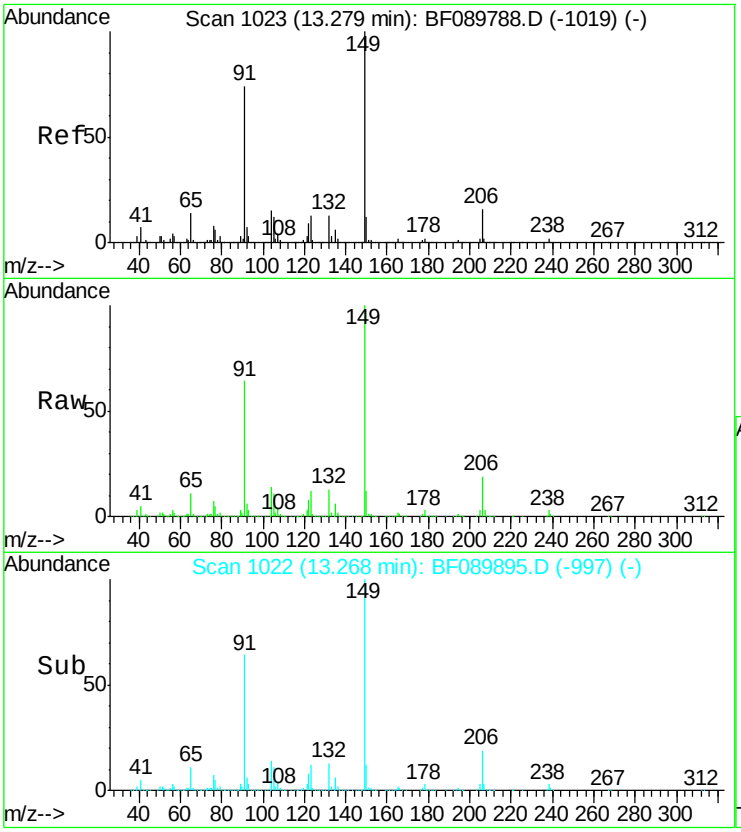


#78
Terphenyl-d14
Concen: 60.15 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:244 Resp: 3216243

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.3	9.5
122	13.9	12.0	18.0



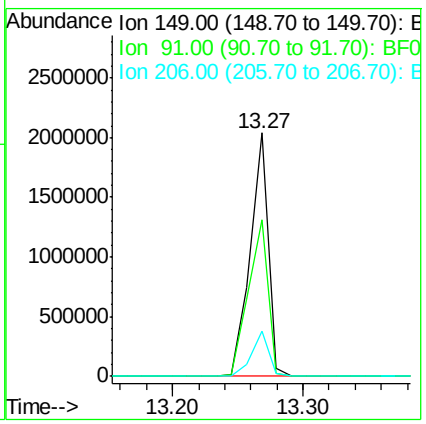


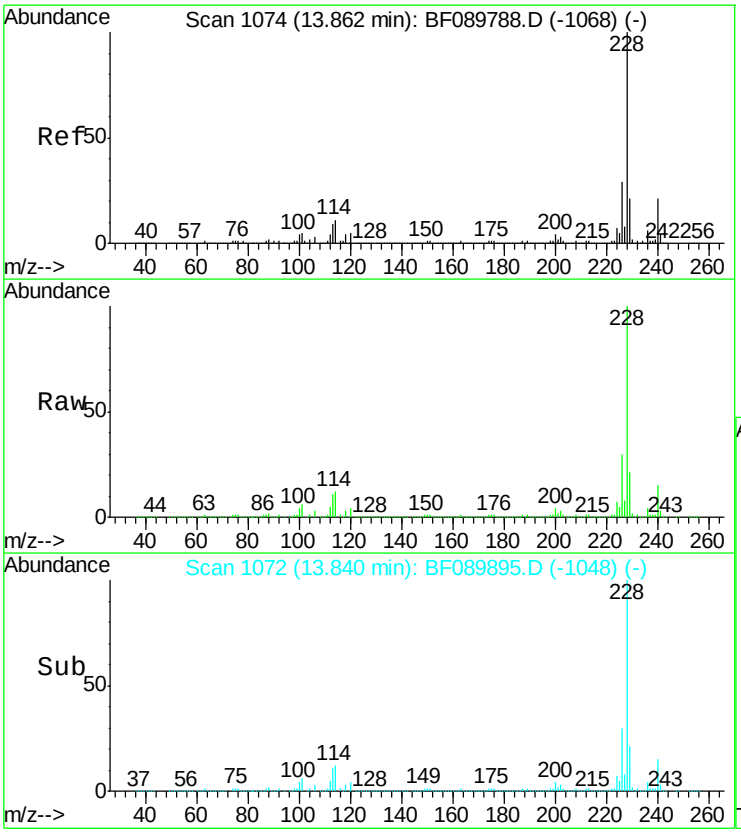
#79
Butylbenzylphthalate
Concen: 44.31 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:149 Resp: 1971191

Ion	Ratio	Lower	Upper
149	100		
91	64.3	50.7	76.1
206	18.8	15.5	23.3

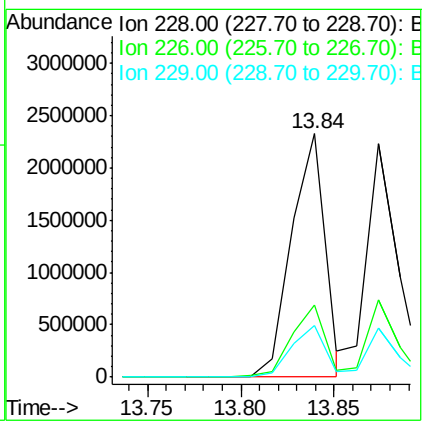


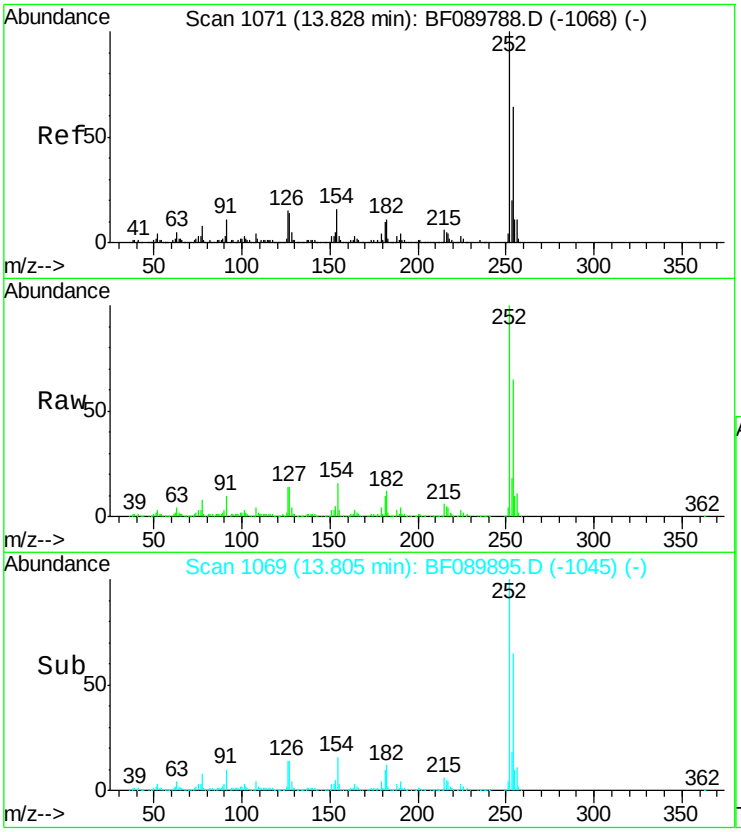


#80
Benzo(a)anthracene
Concen: 42.31 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:228 Resp: 2930567

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	21.2	16.2	24.4



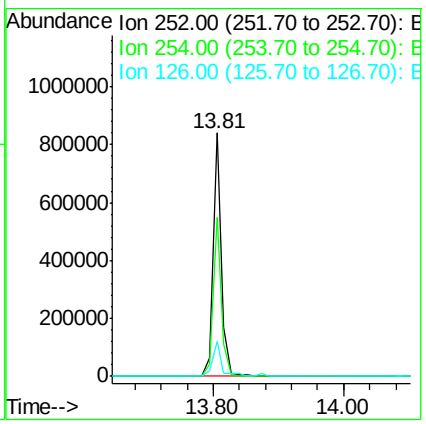


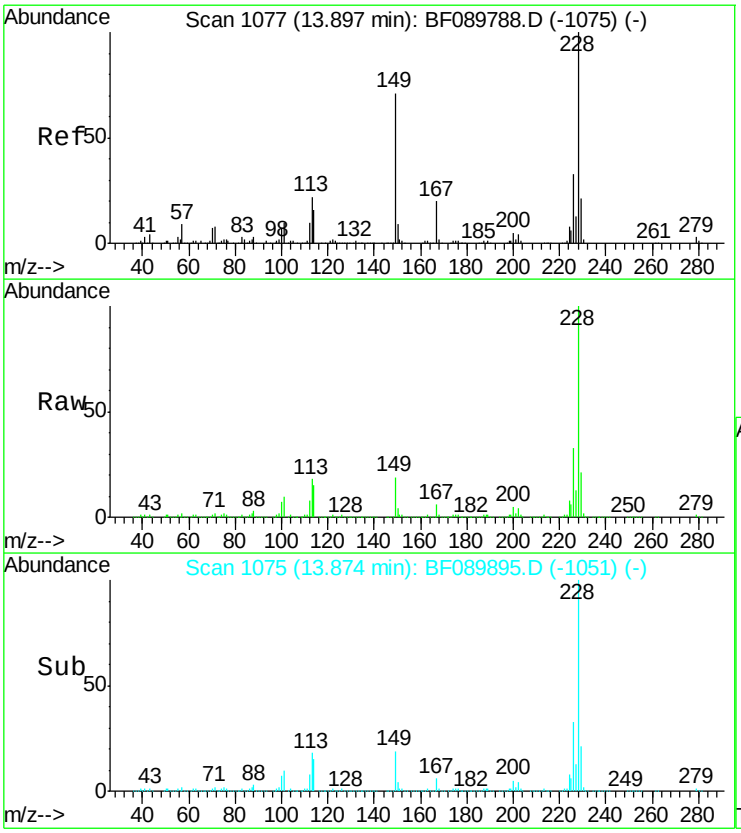
#81
3,3'-Dichlorobenzidine
Concen: 33.49 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:252 Resp: 760565

Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.6	75.8
126	14.3	12.6	18.8

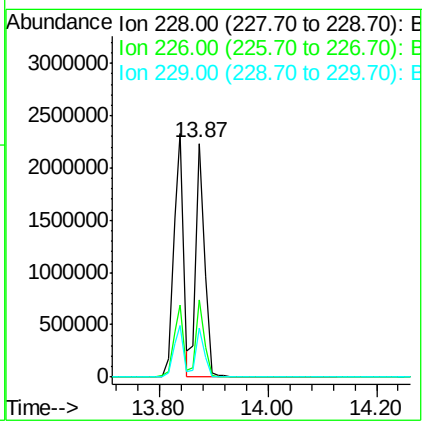


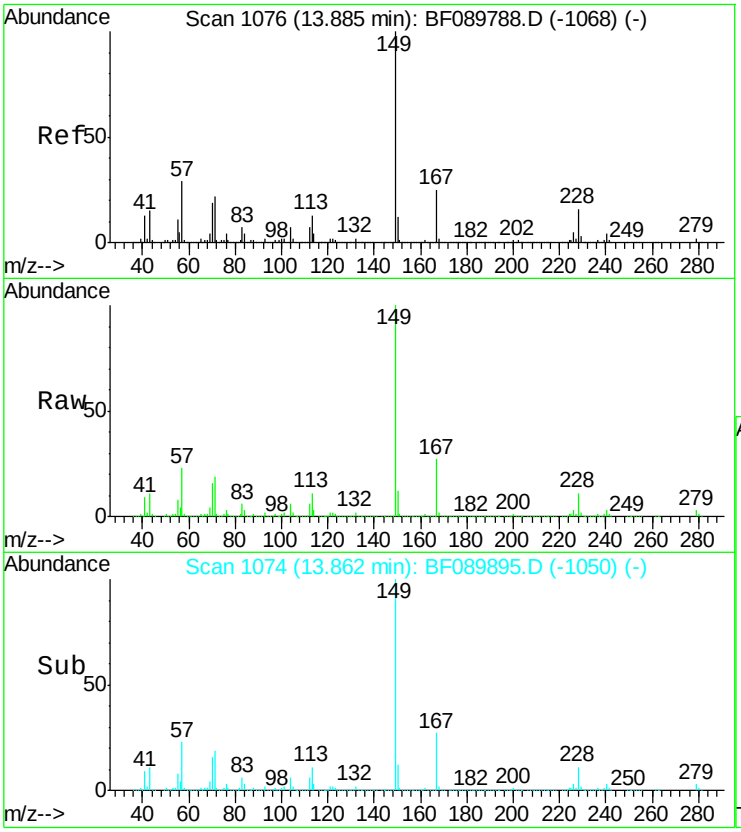


#82
Chrysene
Concen: 41.59 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:228 Resp: 2469785

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.4	38.0
229	21.1	16.5	24.7



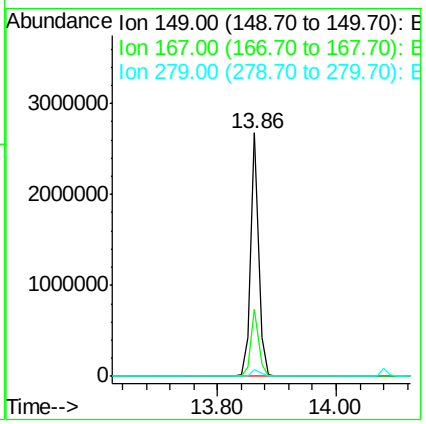


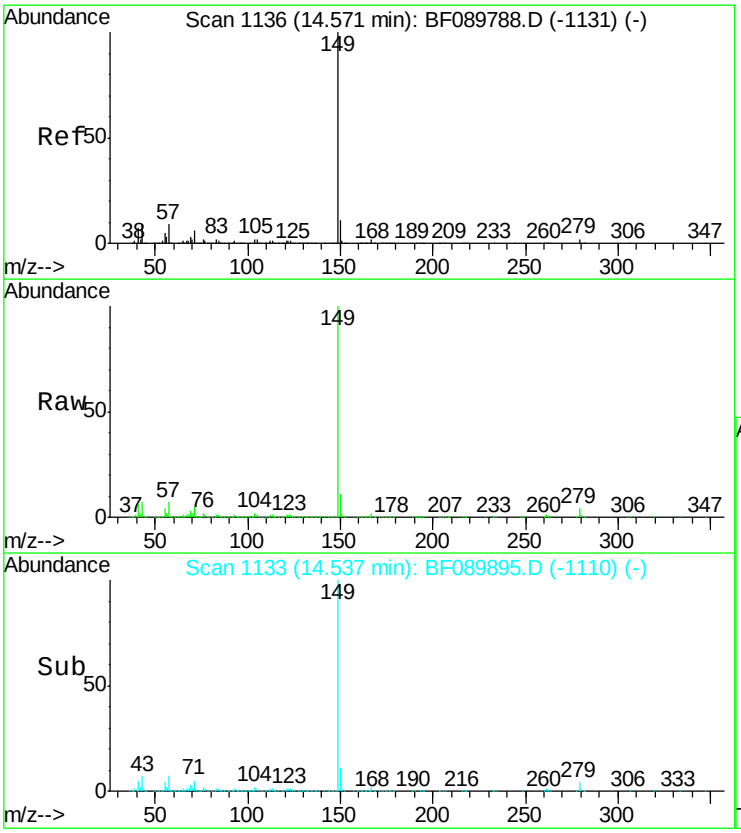
#83
Bis(2-ethylhexyl)phthalate
Concen: 40.22 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:149 Resp: 2464929

Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.2	31.8
279	2.7	2.9	4.3#

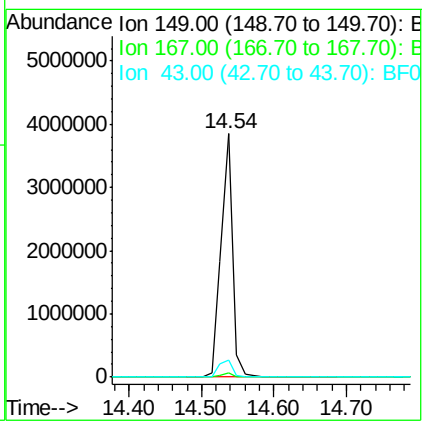


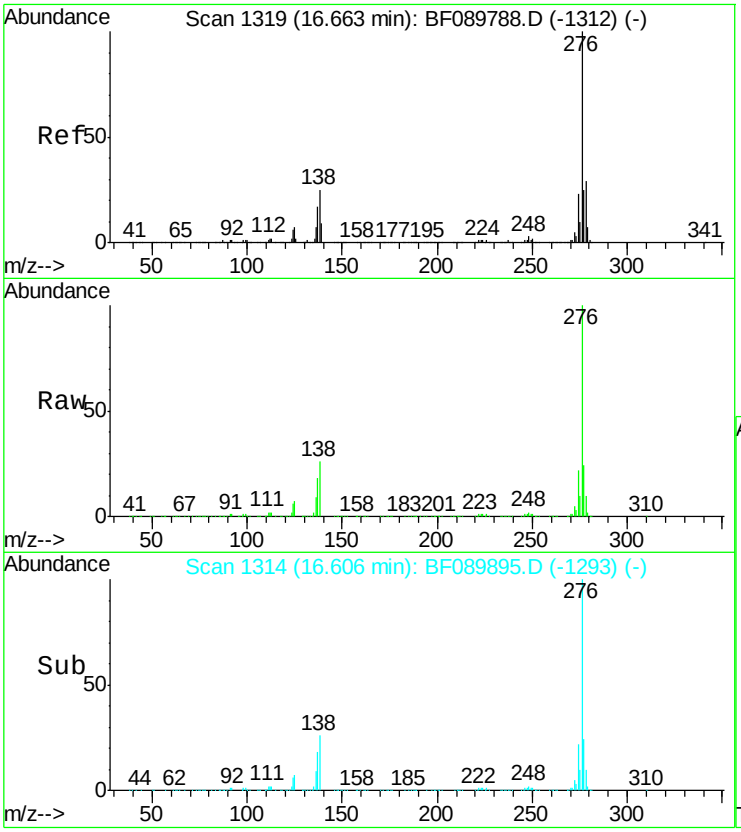


#84
Di-n-octyl phthalate
Concen: 52.19 ng
RT: 14.54 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:149 Resp: 4249904

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	8.4	12.6



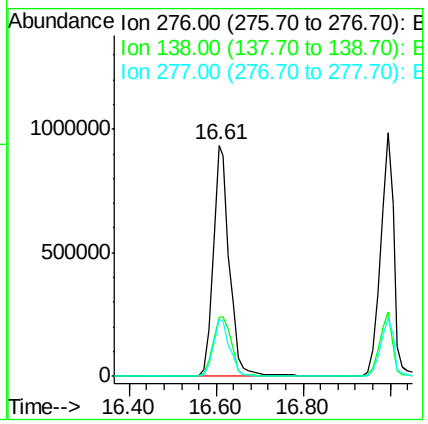


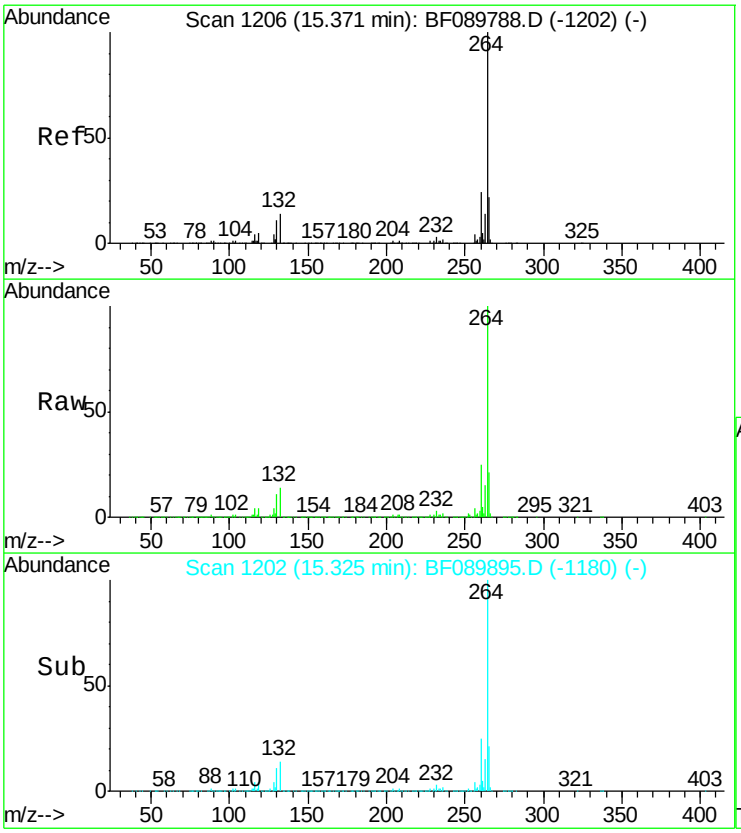
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.59 ng
RT: 16.61 min Scan# 1314
Delta R.T. -0.06 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:276 Resp: 2469589

Ion	Ratio	Lower	Upper
276	100		
138	29.7	24.6	36.8
277	25.4	20.4	30.6

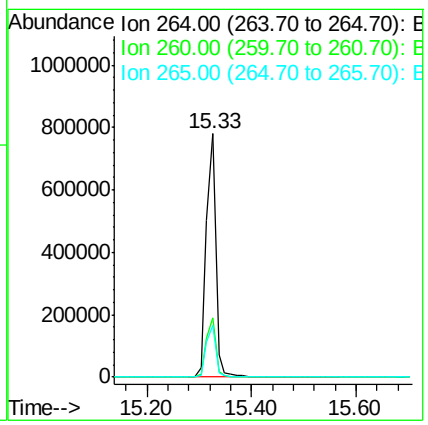


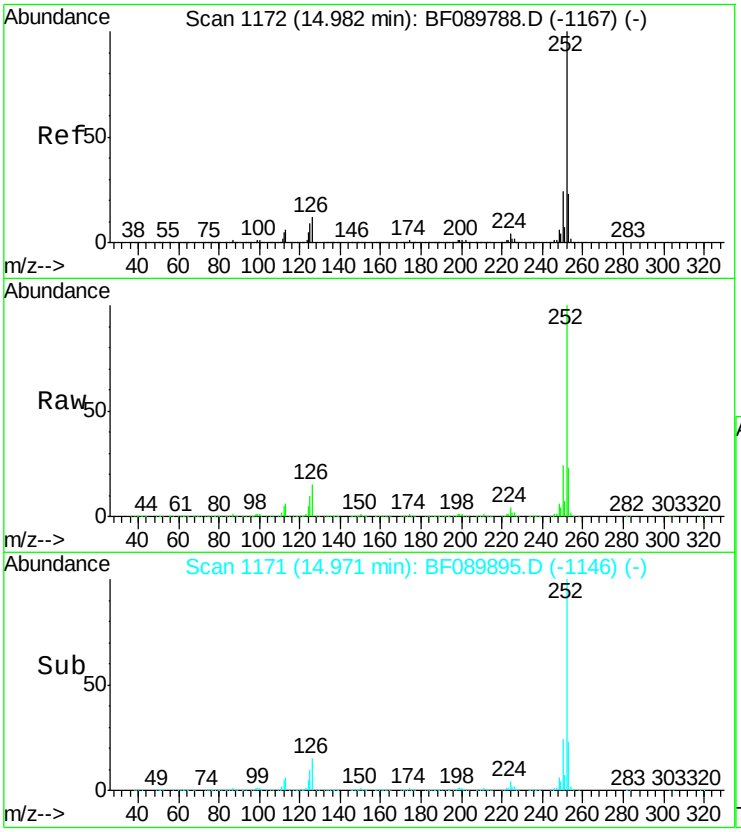


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.05 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:264 Resp: 983040

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.2	30.2
265	21.5	17.4	26.2



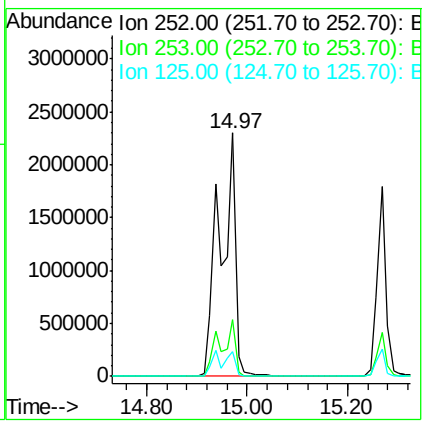


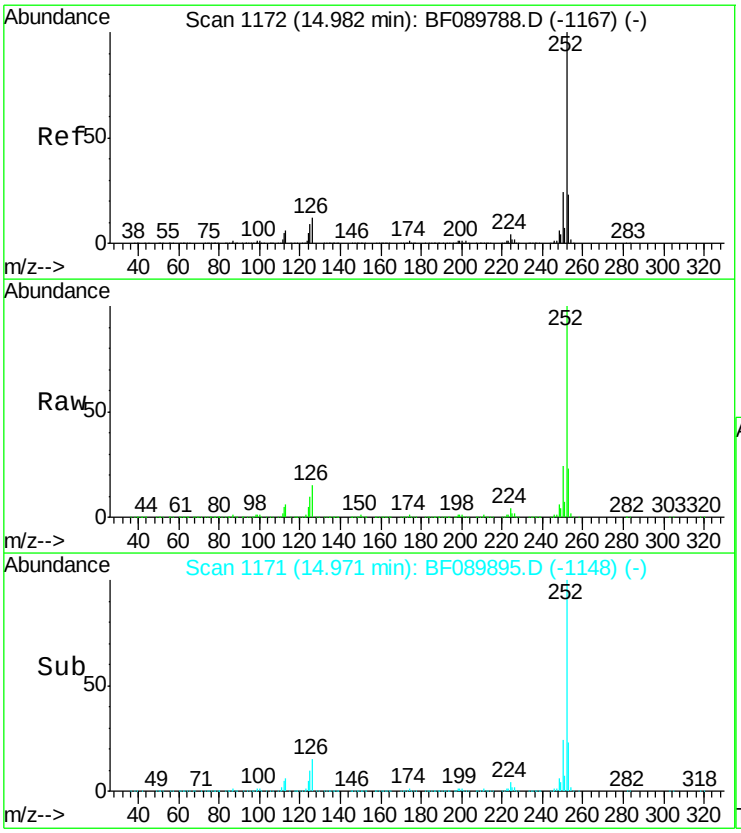
#87
Benzo(b)fluoranthene
Concen: 92.11 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:252 Resp: 4981221

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	10.0	11.4	17.2#

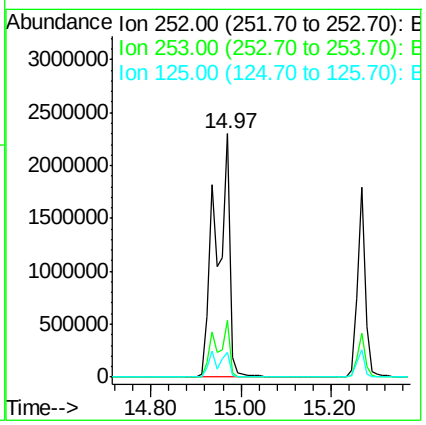


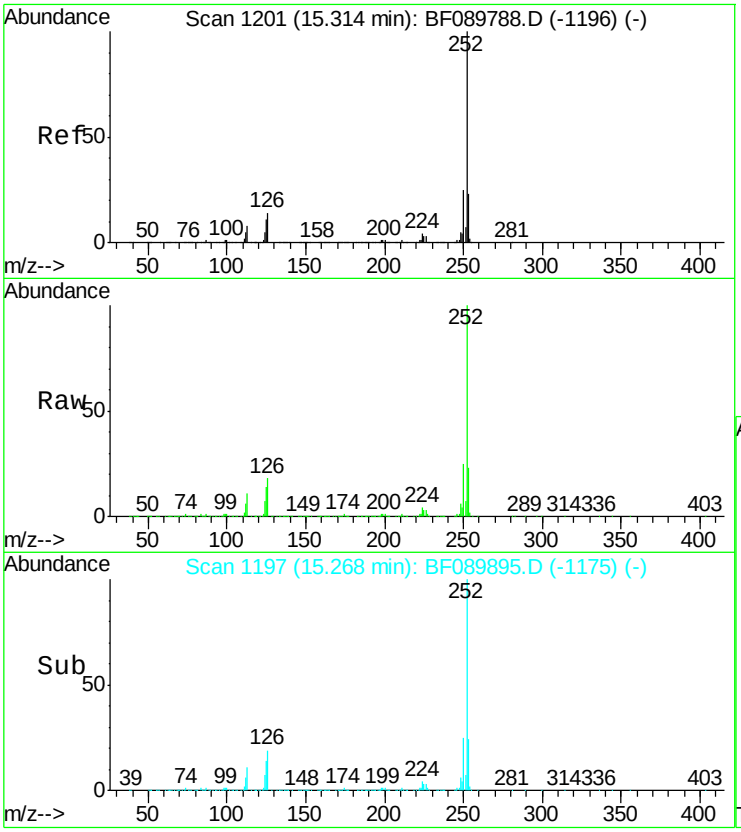


#88
Benzo(k)fluoranthene
Concen: 101.60 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.03 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:252 Resp: 4985227

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	10.0	9.8	14.6



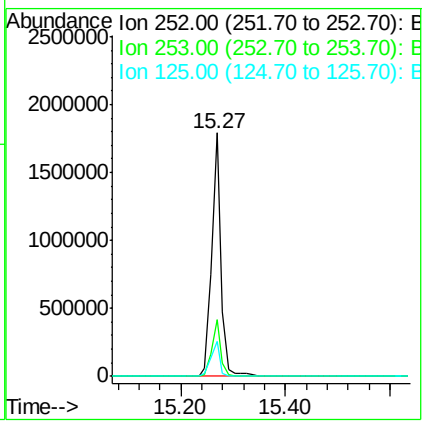


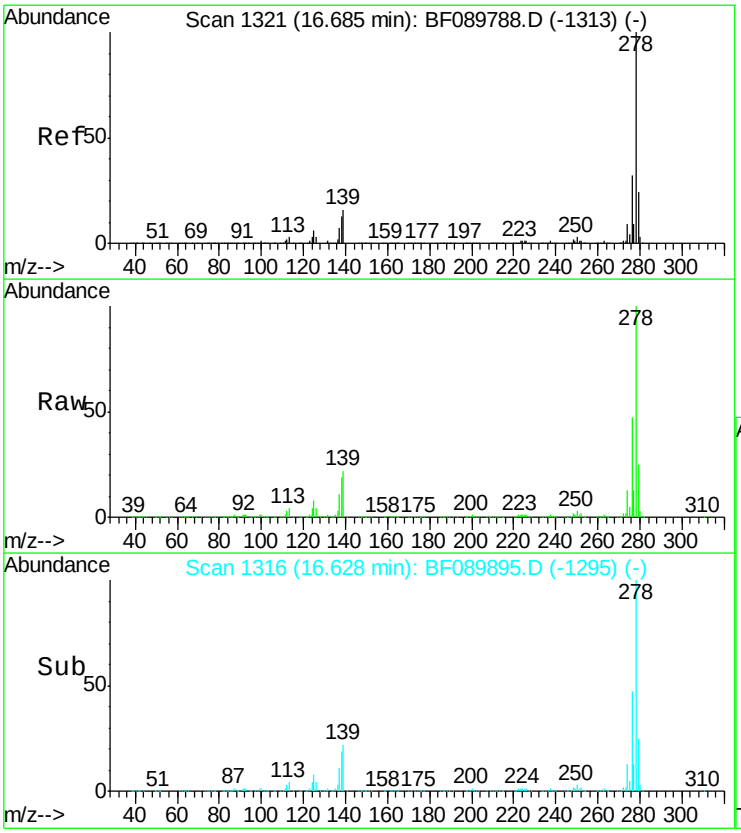
#89
Benzo(a)pyrene
Concen: 43.09 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:252 Resp: 2205715

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	14.3	11.7	17.5

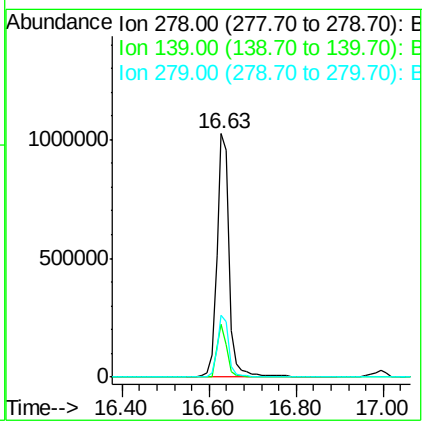


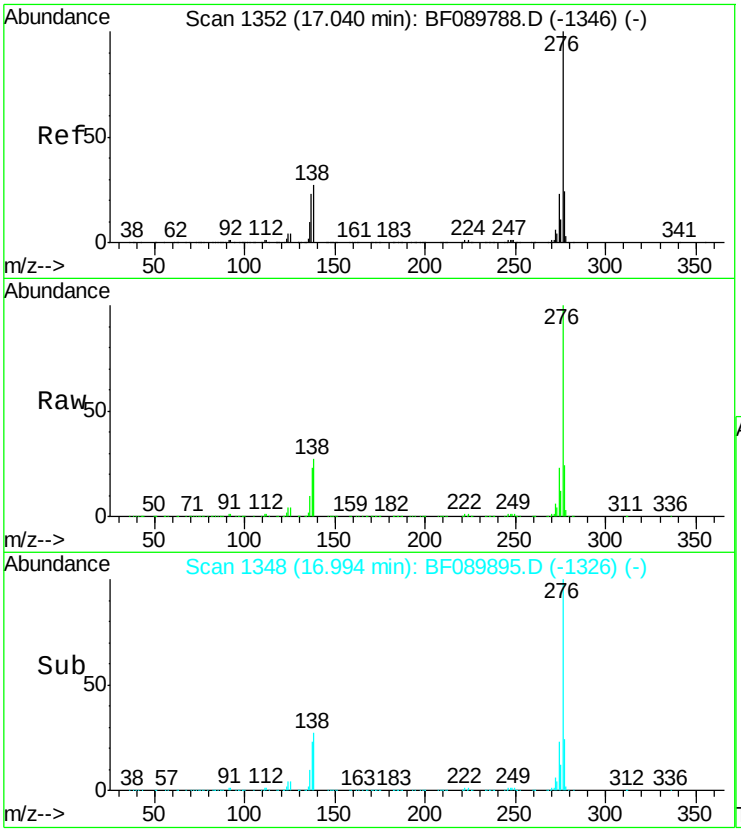


#90
Dibenzo(a,h)anthracene
Concen: 37.20 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.06 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Tgt Ion:278 Resp: 2066617

Ion	Ratio	Lower	Upper
278	100		
139	21.7	14.9	22.3
279	25.3	19.2	28.8





#91
Benzo(g,h,i)perylene
Concen: 35.96 ng
RT: 16.99 min Scan# 1348
Delta R.T. -0.05 min
Lab File: BF089895.D
Acq: 25 Aug 2016 2:00

Instrument :
BNA_F
ClientSampleId :
SB-15A-(18-20)MSD

Tgt Ion:276 Resp: 2103830

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	26.5	22.1	33.1