Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083984.D
Acq On : 20 Dec 2015 7:17
Operator : UM/SJ
Sample : G4851-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-8MSD

Quant Time: Dec 21 01:03:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	77080	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	247445	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	144595	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	241650	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	140800	20.00	ng		-0.02
86) Perylene-d12	15.44	264	150411	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	605782	122.99	ng		-0.01
7) Phenol-d6	6.51	99	739457	122.65	ng		0.00
23) Nitrobenzene-d5	7.42	82	536918	123.84	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	172371	108.21	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	833175	80.19	ng		-0.02
78) Terphenyl-d14	12.96	244	671125	113.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	75948	35.55	ng		98
3) Pyridine	3.21	79	204461	38.70	ng		96
4) n-Nitrosodimethylamine	3.16	42	88691	44.01	ng		95
6) Aniline	6.52	93	207284	26.70	ng	#	1
8) 2-Chlorophenol	6.65	128	266799	45.51	ng		91
9) Benzaldehyde	6.40	77	97538	26.85	ng		97
10) Phenol	6.52	94	338237	50.28	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	228865	44.78	ng		96
12) 1,3-Dichlorobenzene	6.80	146	272722	43.26	ng		99
13) 1,4-Dichlorobenzene	6.86	146	251612	39.09	ng		97
14) 1,2-Dichlorobenzene	7.02	146	266771	52.03	ng		99
15) Benzyl Alcohol	7.00	79	218231	47.83	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.14	45	237675	45.10	ng		90
17) 2-Methylphenol	7.13	107	205846	44.77	ng	#	92
18) Hexachloroethane	7.37	117	100725	42.65	ng		91
19) n-Nitroso-di-n-propylamine	7.28	70	158763	45.17	ng	#	91
20) 3+4-Methylphenols	7.28	107	227500	42.10	ng	#	57
22) Acetophenone	7.26	105	343316	57.63	ng	#	93
24) Nitrobenzene	7.44	77	207629	46.31	ng		98
25) Isophorone	7.68	82	467050	57.25	ng		99
26) 2-Nitrophenol	7.76	139	148882	64.15	ng		94
27) 2,4-Dimethylphenol	7.80	122	209046	52.29	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	235214	48.75	ng	#	97
29) 2,4-Dichlorophenol	8.01	162	183195	50.51	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	172619	44.31	ng		100
31) Naphthalene	8.16	128	595754	47.93	ng		99
32) Benzoic acid	7.90	122	34739	28.22	ng		87
33) 4-Chloroaniline	8.21	127	110028	19.59	ng	#	88
34) Hexachlorobutadiene	8.28	225	123027	50.57	ng		99
35) Caprolactam	8.59	113	51308	42.81	ng		87
36) 4-Chloro-3-methylphenol	8.70	107	229636	56.55	ng		95
37) 2-Methylnaphthalene	8.85	142	423999	49.30	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	160801	35.27	ng		99
40) Hexachlorocyclopentadiene	9.00	237	54691	46.31	ng		97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083984.D
Acq On : 20 Dec 2015 7:17
Operator : UM/SJ
Sample : G4851-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-8MSD

Quant Time: Dec 21 01:03:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	119335	39.64	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	143431	48.15	ng		99
45) 1,1'-Biphenyl	9.31	154	486058	39.86	ng		100
46) 2-Chloronaphthalene	9.33	162	413559	43.47	ng		100
47) 2-Nitroaniline	9.44	65	142103	49.69	ng	#	81
48) Acenaphthylene	9.76	152	690600	40.97	ng		99
49) Dimethylphthalate	9.62	163	724103	59.68	ng	#	90
50) 2,6-Dinitrotoluene	9.68	165	108143	40.86	ng	#	62
51) Acenaphthene	9.93	154	426123	41.11	ng		99
52) 3-Nitroaniline	9.85	138	95292	34.16	ng		81
53) 2,4-Dinitrophenol	9.96	184	78579	82.34	ng	#	89
54) Dibenzofuran	10.10	168	646161	48.00	ng		98
55) 4-Nitrophenol	10.03	139	164093	94.21	ng		91
56) 2,4-Dinitrotoluene	10.09	165	170672	50.31	ng	#	84
57) Fluorene	10.44	166	488665	47.93	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	108842	49.38	ng	#	94
59) Diethylphthalate	10.32	149	508369	40.53	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	224473	43.51	ng		99
61) 4-Nitroaniline	10.46	138	123553	42.80	ng		93
62) Azobenzene	10.59	77	521779	49.63	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	74486	49.98	ng		80
65) n-Nitrosodiphenylamine	10.54	169	411120	46.75	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	125186	42.37	ng		96
67) Hexachlorobenzene	10.99	284	148975	47.89	ng		97
68) Atrazine	11.08	200	147514	52.95	ng		95
69) Pentachlorophenol	11.18	266	129377	96.95	ng		97
70) Phenanthrene	11.40	178	645555	44.22	ng		100
71) Anthracene	11.45	178	615610	43.62	ng		100
72) Carbazole	11.61	167	629189	45.12	ng		98
73) Di-n-butylphthalate	11.93	149	768416	46.90	ng	#	97
74) Fluoranthene	12.58	202	492563	33.81	ng		99
76) Benzidine	12.69	184	93571	16.60	ng		99
77) Pyrene	12.81	202	486431	52.81	ng		100
79) Butylbenzylphthalate	13.43	149	267002	56.97	ng		94
80) Benzo(a)anthracene	14.00	228	382644	44.20	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	109863	33.96	ng	#	95
82) Chrysene	14.03	228	328579	39.29	ng		100
83) Bis(2-ethylhexyl)phthalate	13.99	149	347808	55.58	ng	#	98
84) Di-n-octyl phthalate	14.59	149	557565	56.94	ng		99
85) Indeno(1,2,3-cd)pyrene	16.85	276	474935	75.95	ng		98
87) Benzo(b)fluoranthene	15.03	252	820262	74.80	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	820262	90.67	ng		99
89) Benzo(a)pyrene	15.38	252	421096	46.50	ng	#	98
90) Dibenzo(a,h)anthracene	16.87	278	395718	56.17	ng	#	96
91) Benzo(g,h,i)perylene	17.28	276	403999	58.52	ng		99

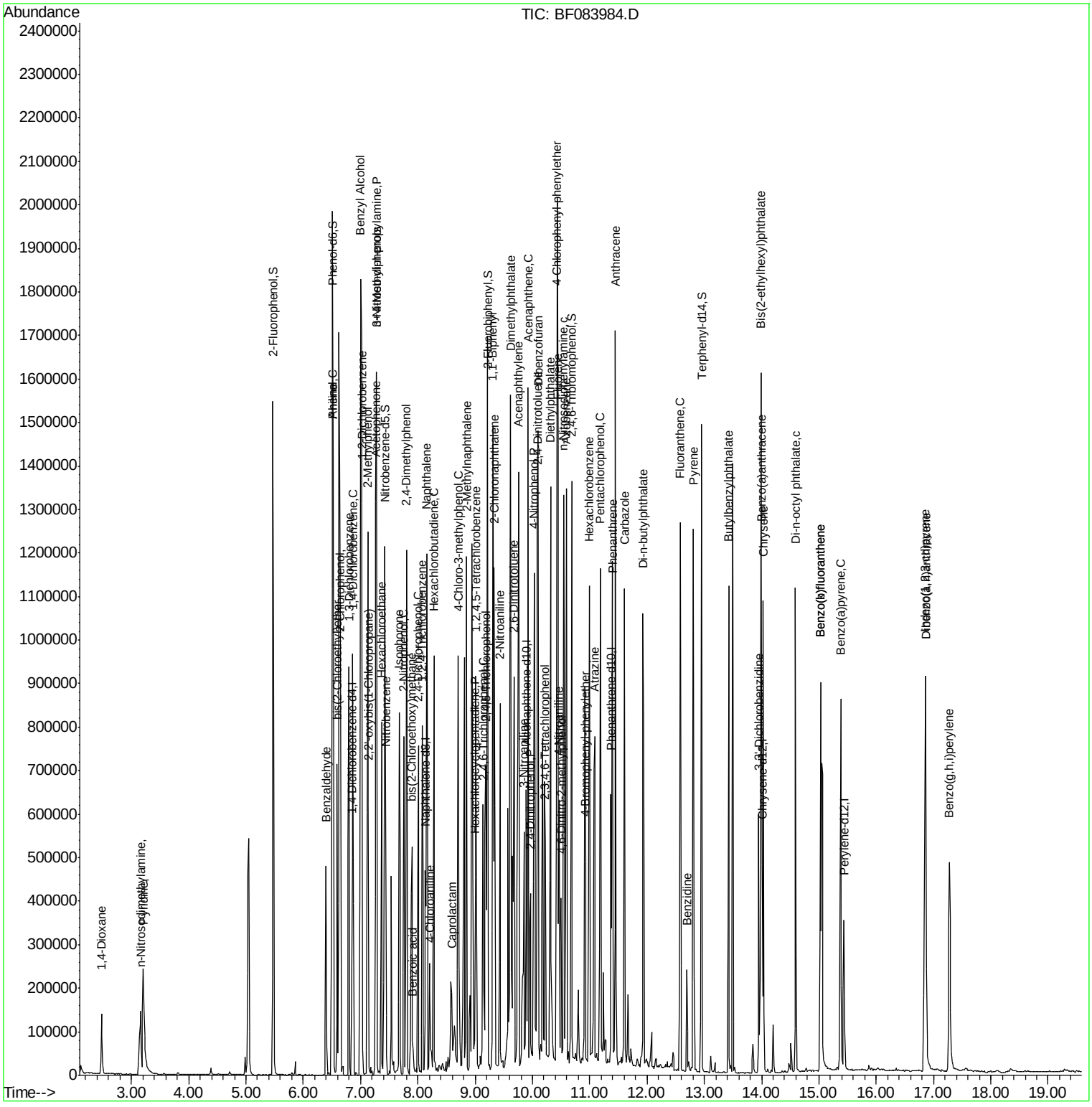
(#) = qualifier out of range (m) = manual integration (+) = signals summed

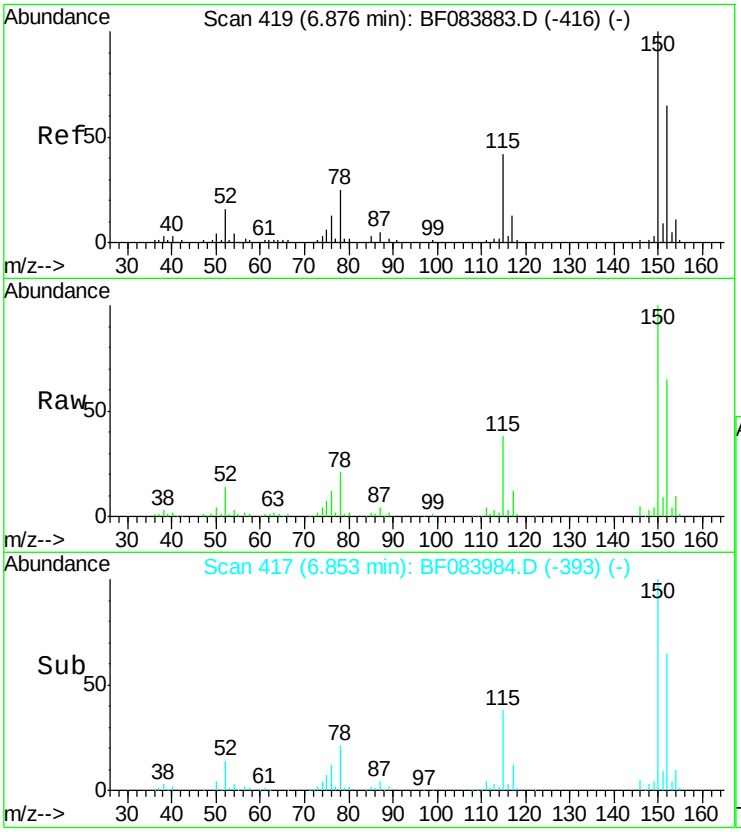
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
Data File : BF083984.D
Acq On : 20 Dec 2015 7:17
Operator : UM/SJ
Sample : G4851-03MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Quant Time: Dec 21 01:03:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



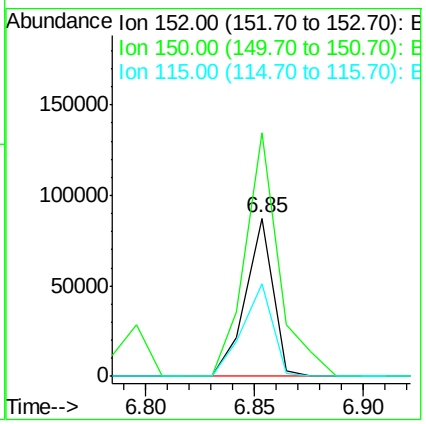


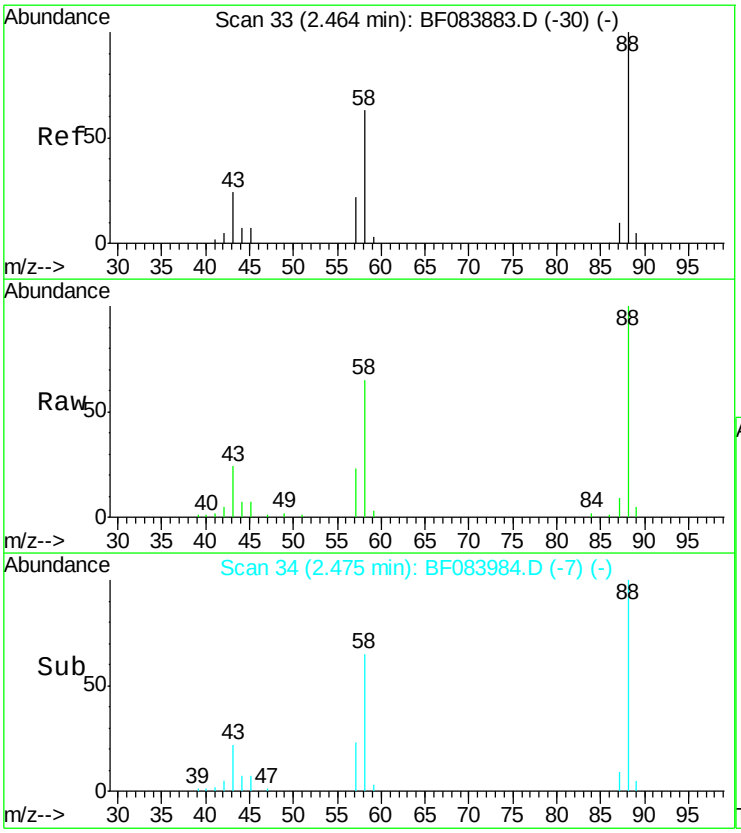
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:152 Resp: 77080

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.0	184.4
115	58.4	51.4	77.2

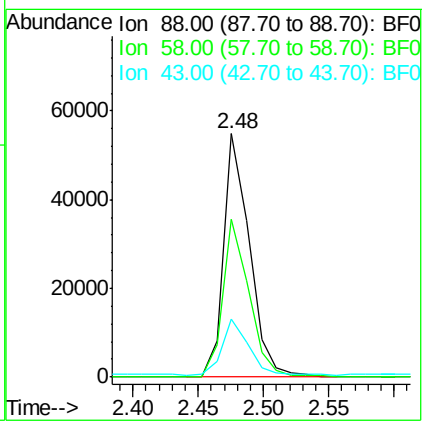


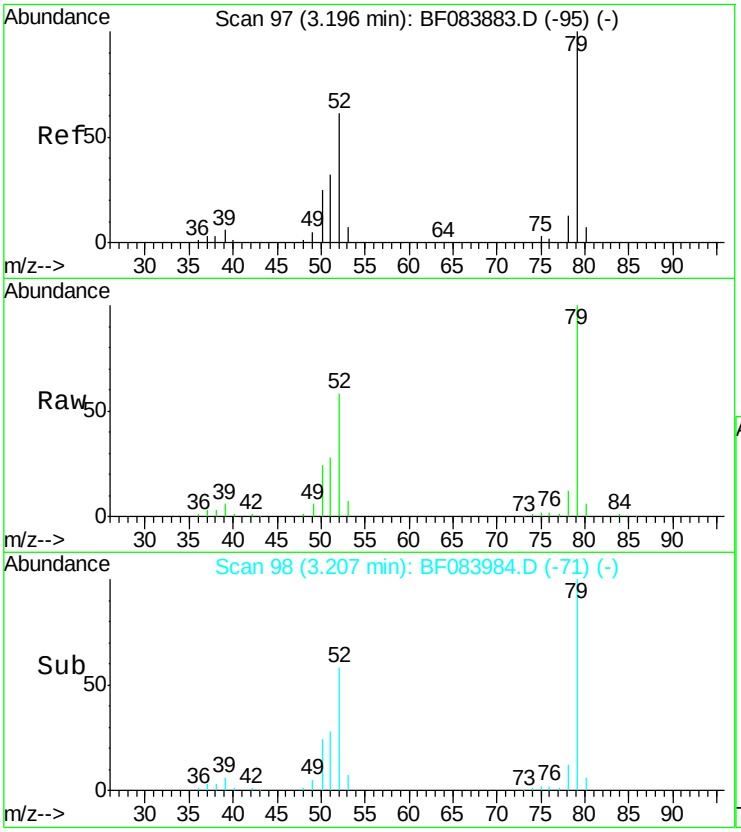


#2
1,4-Dioxane
Concen: 35.55 ng
RT: 2.48 min Scan# 34
Delta R.T. 0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 88 Resp: 75948

Ion	Ratio	Lower	Upper
88	100		
58	65.8	51.2	76.8
43	23.2	19.5	29.3



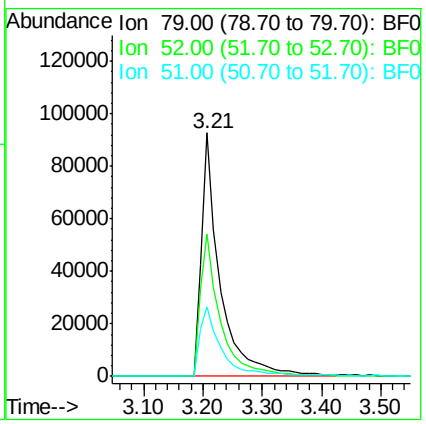


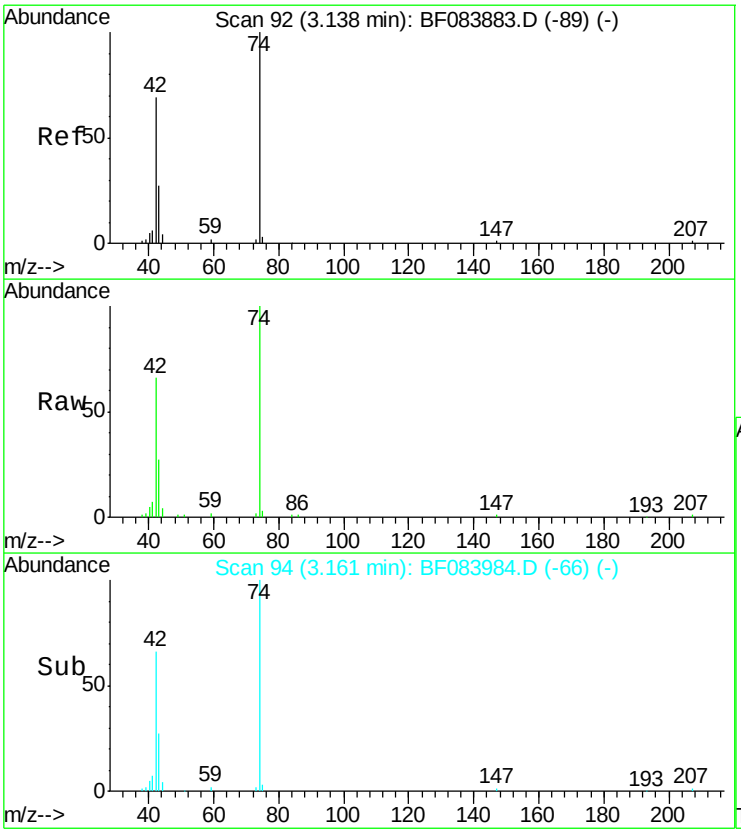
#3
Pyridine
Concen: 38.70 ng
RT: 3.21 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 79 Resp: 204461

Ion	Ratio	Lower	Upper
79	100		
52	58.4	49.0	73.4
51	28.4	25.2	37.8

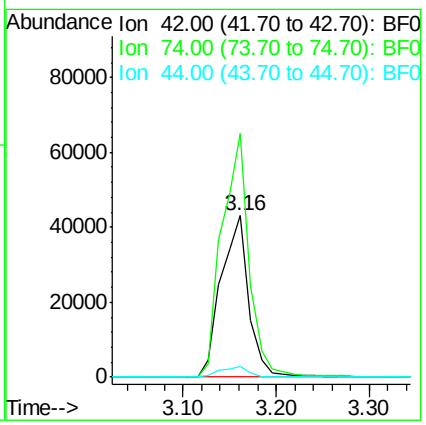


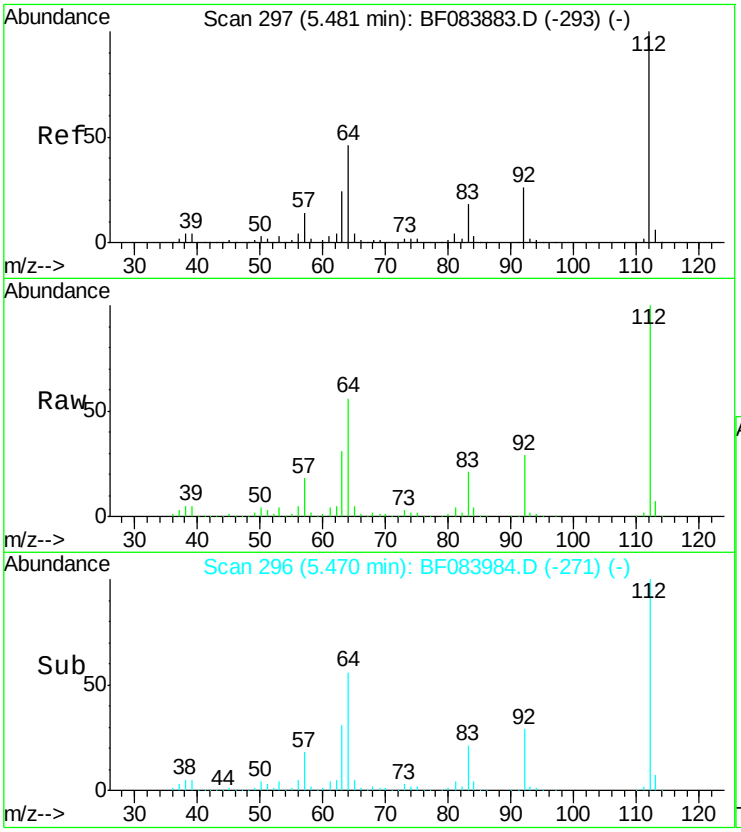


#4
n-Nitrosodimethylamine
Concen: 44.01 ng
RT: 3.16 min Scan# 94
Delta R.T. 0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 42 Resp: 88691

Ion	Ratio	Lower	Upper
42	100		
74	151.0	115.7	173.5
44	6.4	5.1	7.7



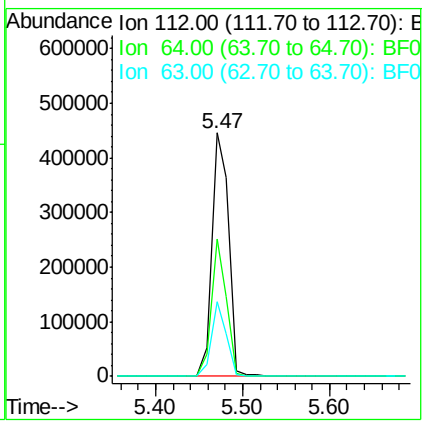


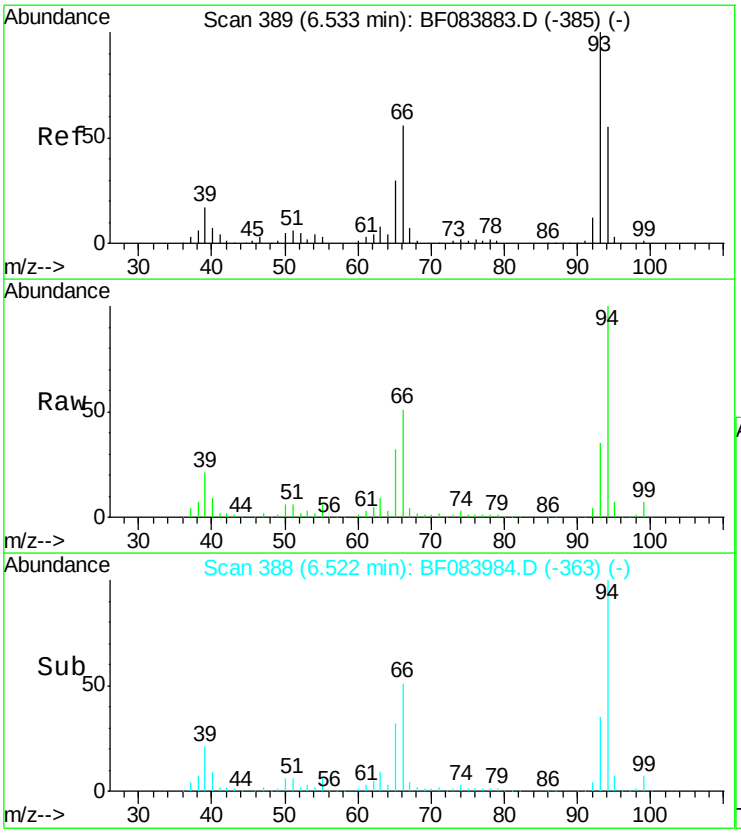
#5
2-Fluorophenol
Concen: 122.99 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:112 Resp: 605782

Ion	Ratio	Lower	Upper
112	100		
64	56.3	36.6	55.0#
63	30.5	19.4	29.0#

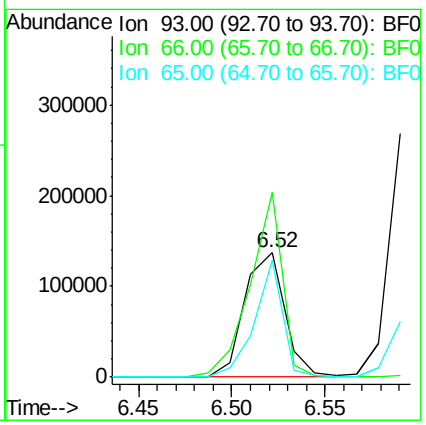


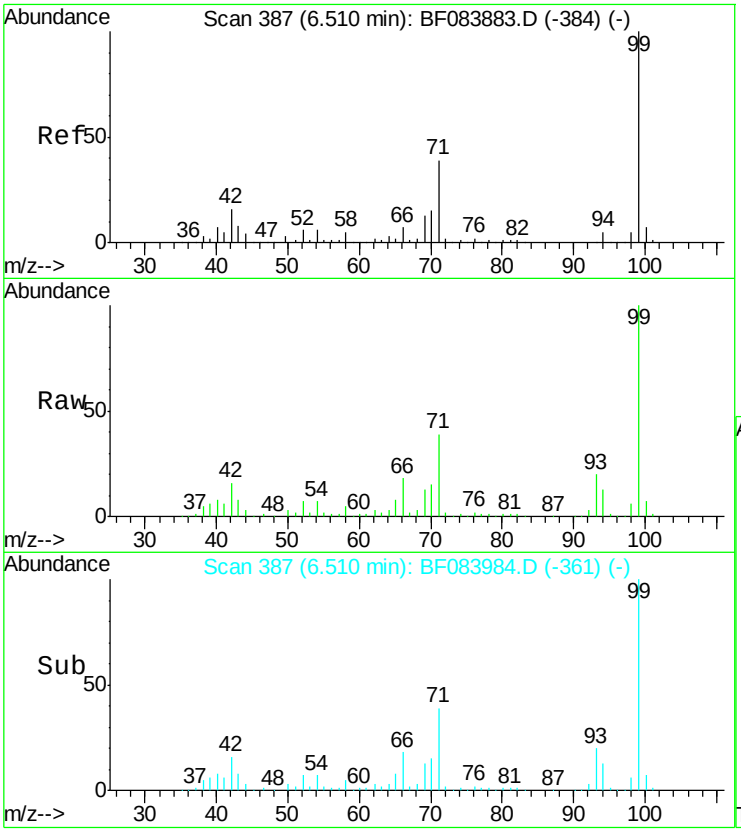


#6
Aniline
Concen: 26.70 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 93 Resp: 207284

Ion	Ratio	Lower	Upper
93	100		
66	148.3	44.9	67.3#
65	93.7	23.7	35.5#



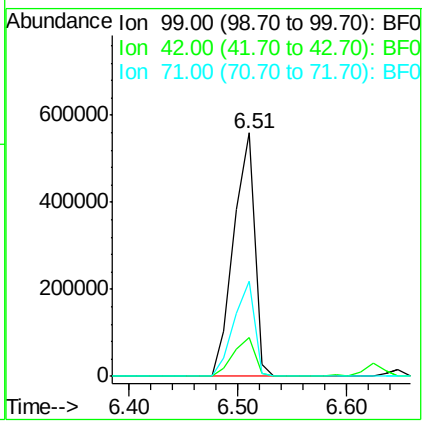


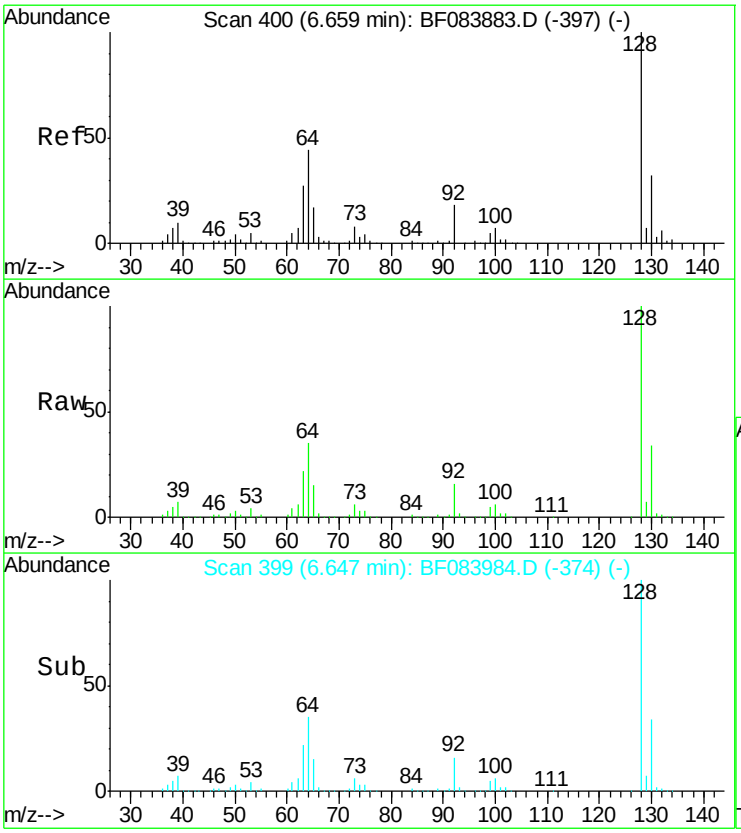
#7
Phenol-d6
Concen: 122.65 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 99 Resp: 739457

Ion	Ratio	Lower	Upper
99	100		
42	16.2	12.8	19.2
71	39.0	30.9	46.3

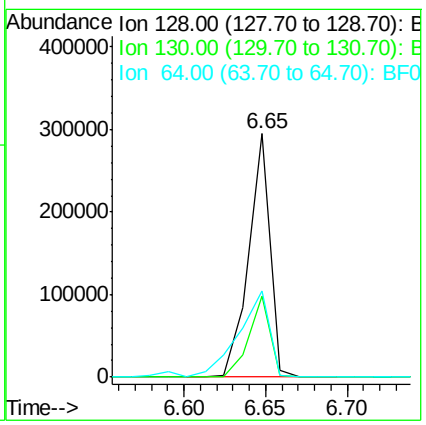


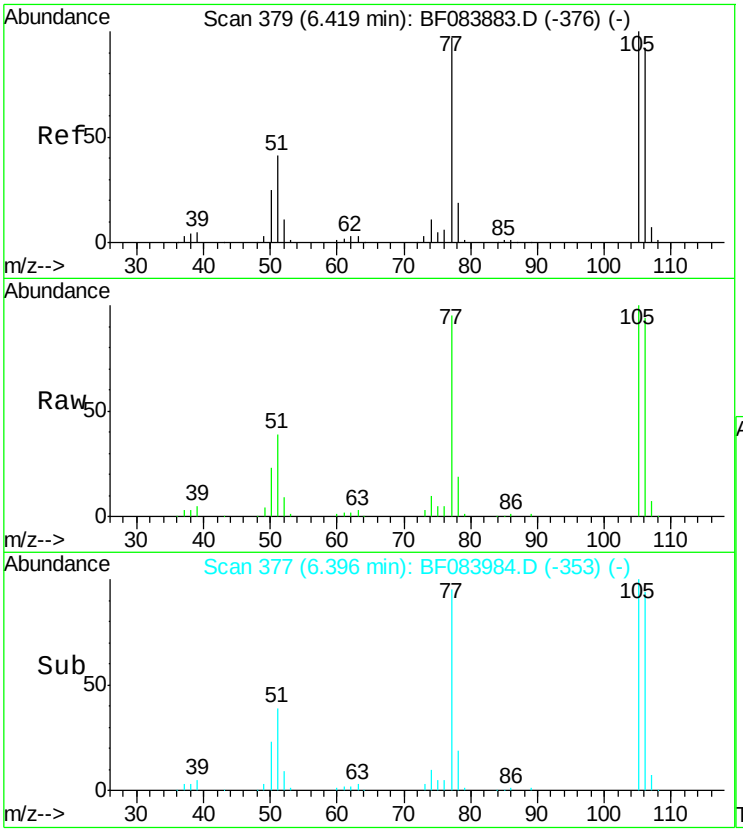


#8
2-Chlorophenol
Concen: 45.51 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:128 Resp: 266799

Ion	Ratio	Lower	Upper
128	100		
130	33.5	11.6	51.6
64	35.2	23.8	63.8



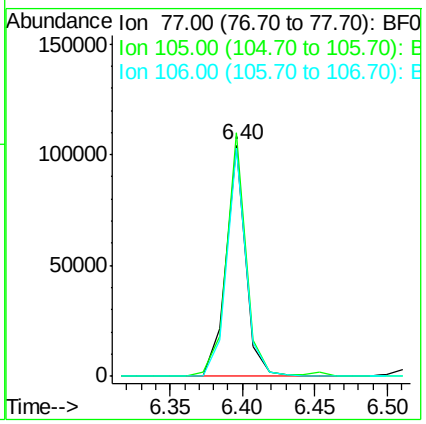


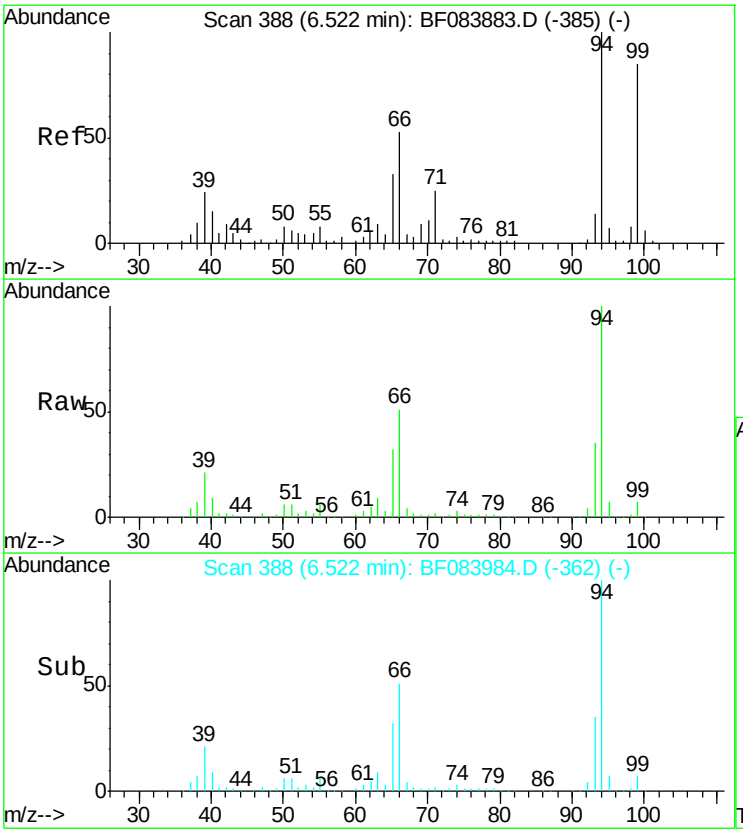
#9
Benzaldehyde
Concen: 26.85 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 77 Resp: 97538

Ion	Ratio	Lower	Upper
77	100		
105	105.5	83.0	123.0
106	98.7	74.6	114.6

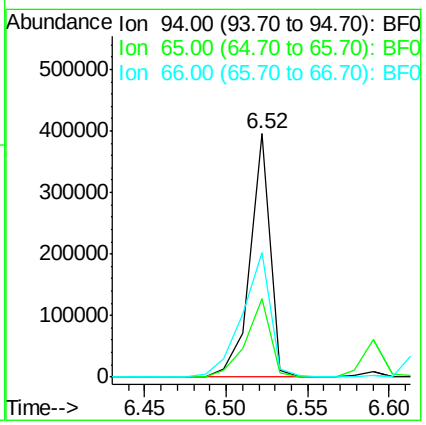


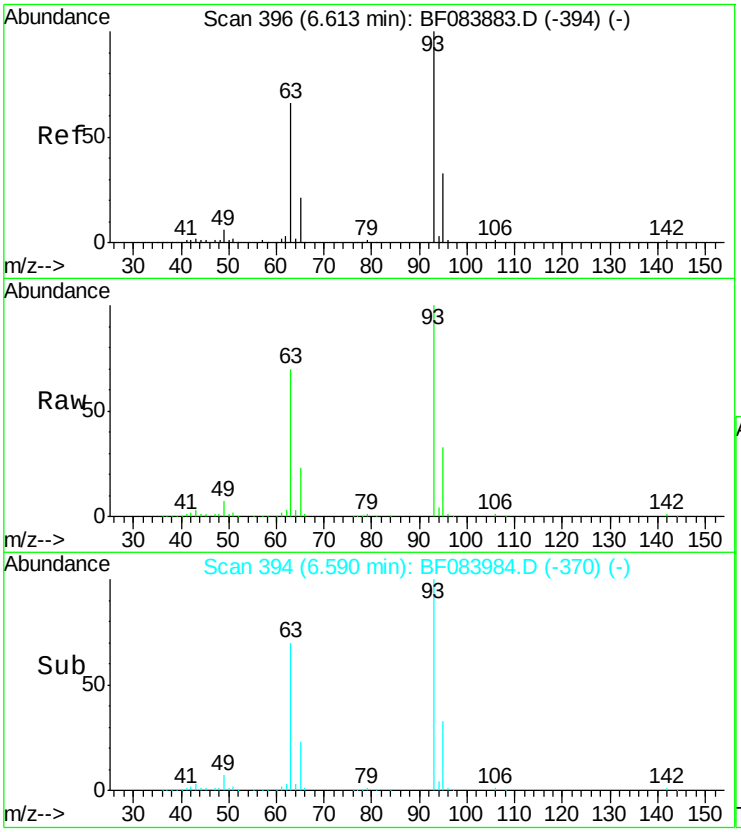


#10
Phenol
Concen: 50.28 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 94 Resp: 338237

Ion	Ratio	Lower	Upper
94	100		
65	32.5	12.9	52.9
66	51.4	32.7	72.7



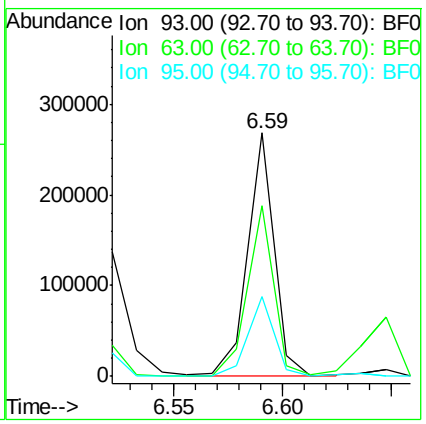


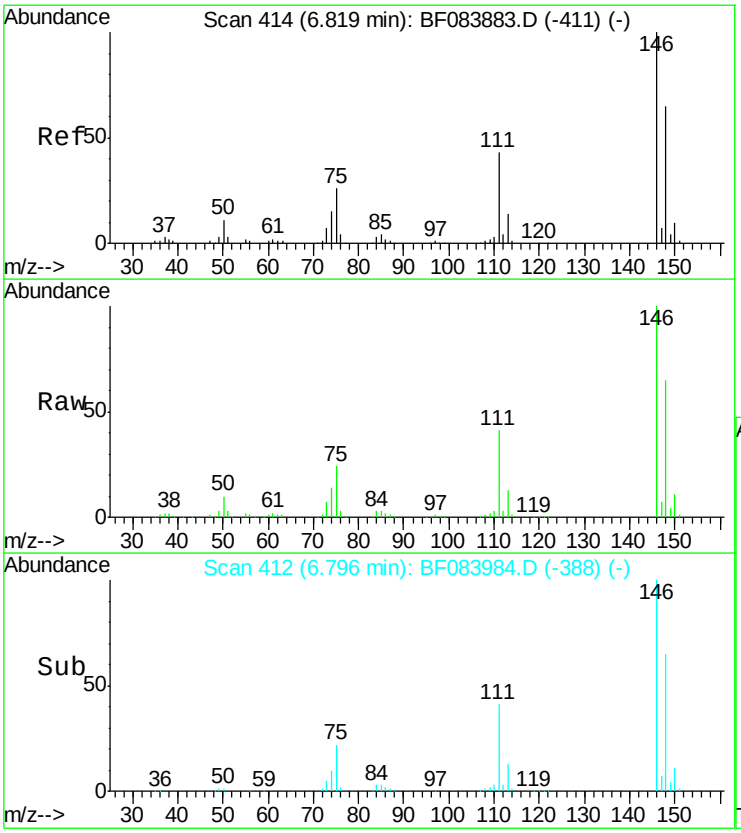
#11
bis(2-Chloroethyl)ether
Concen: 44.78 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 93 Resp: 228865

Ion	Ratio	Lower	Upper
93	100		
63	70.0	45.9	85.9
95	32.9	12.3	52.3

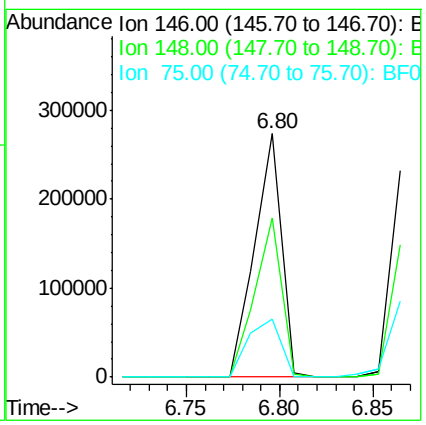


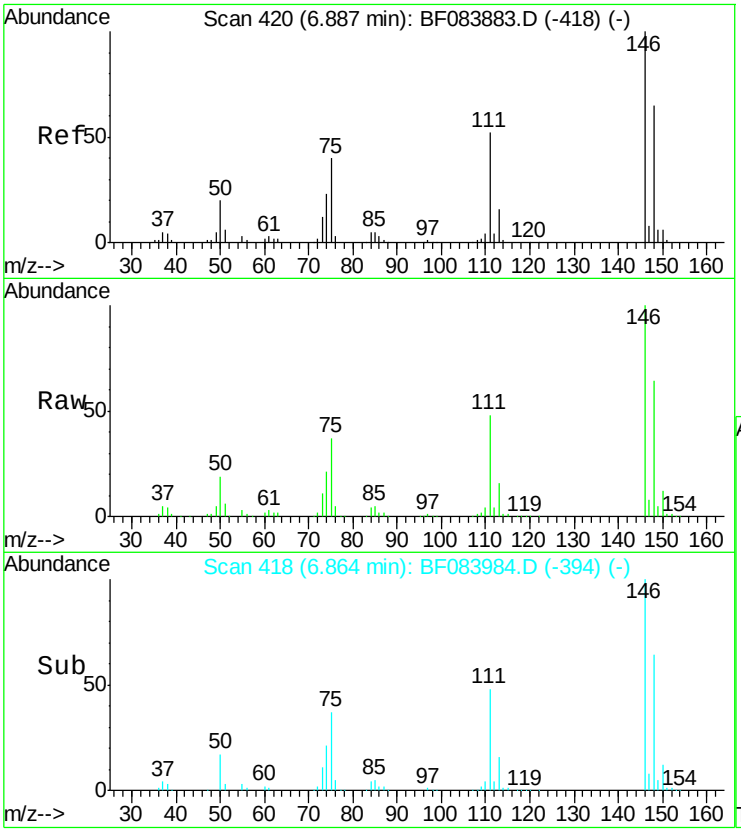


#12
1,3-Dichlorobenzene
Concen: 43.26 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:146 Resp: 272722

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
75	24.1	20.5	30.7



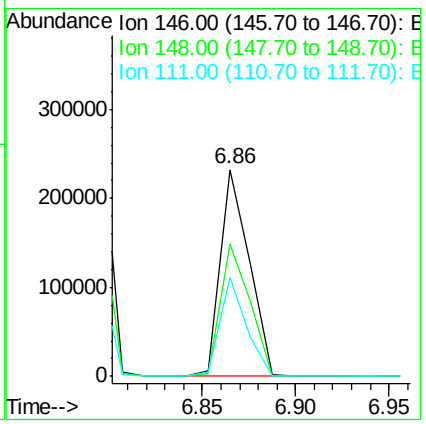


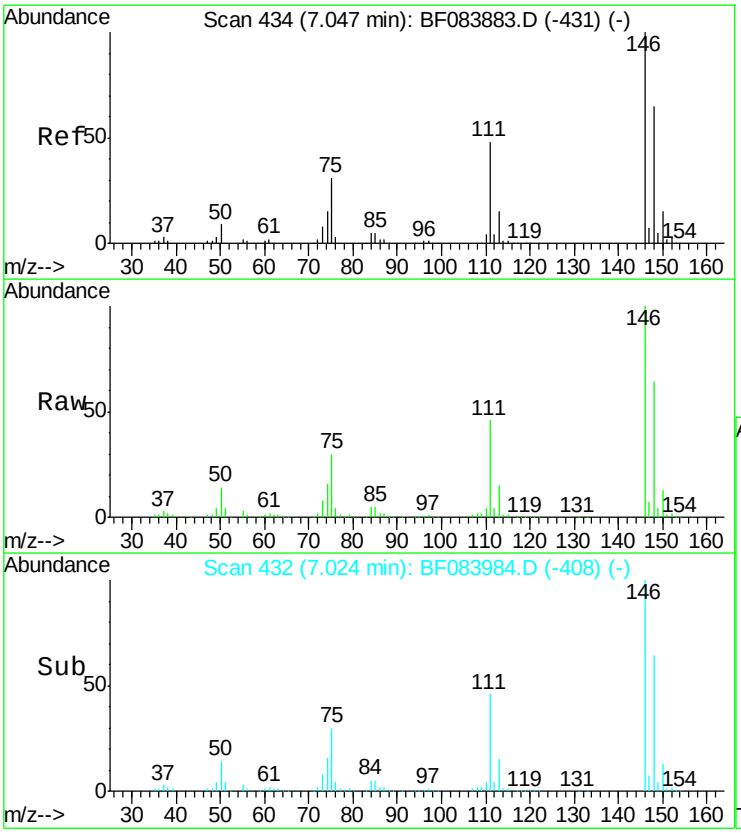
#13
1,4-Dichlorobenzene
Concen: 39.09 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:146 Resp: 251612

Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.9	77.9
111	47.9	41.6	62.4

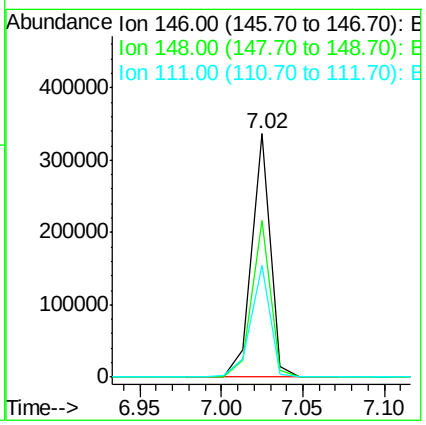


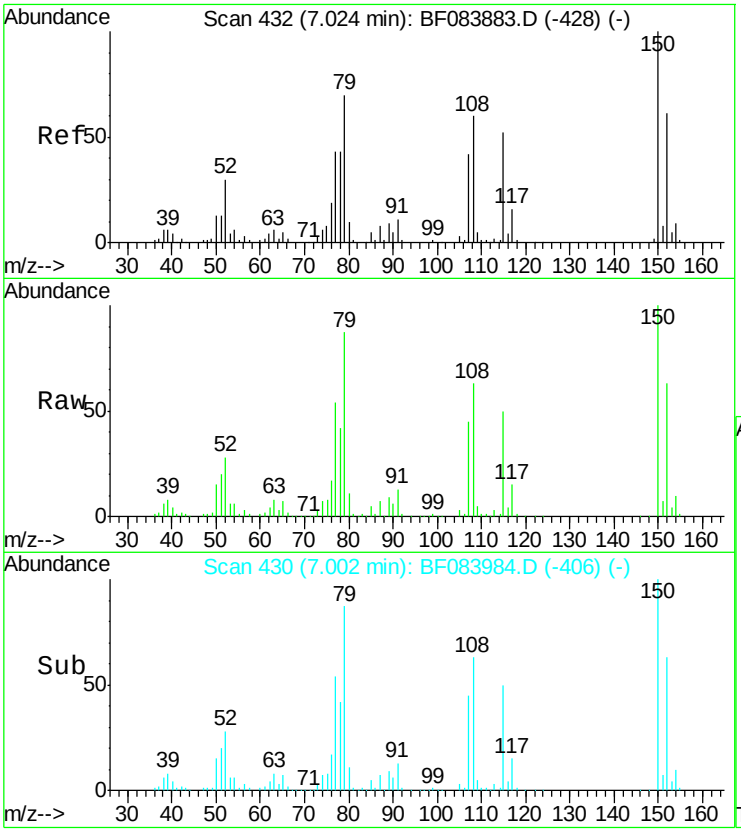


#14
1,2-Dichlorobenzene
Concen: 52.03 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:146 Resp: 266771

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	45.9	38.0	57.0



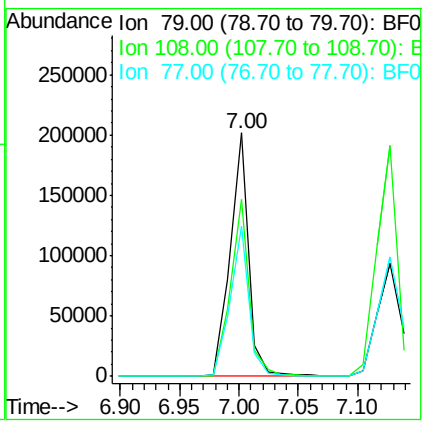


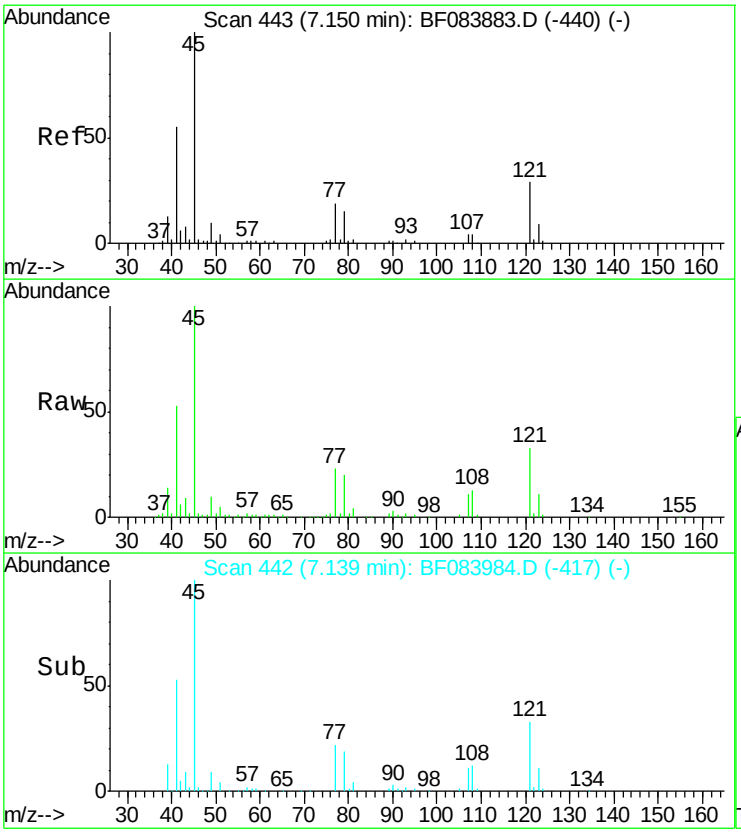
#15
Benzyl Alcohol
Concen: 47.83 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 79 Resp: 218231

Ion	Ratio	Lower	Upper
79	100		
108	72.6	69.0	103.4
77	61.8	50.0	75.0

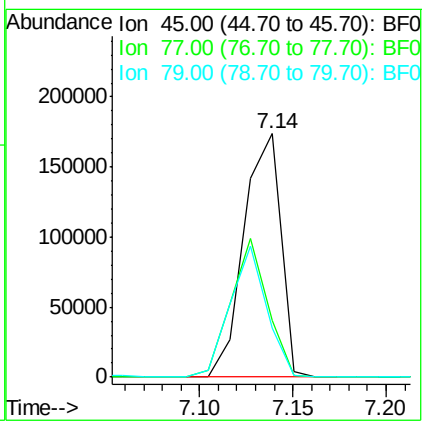


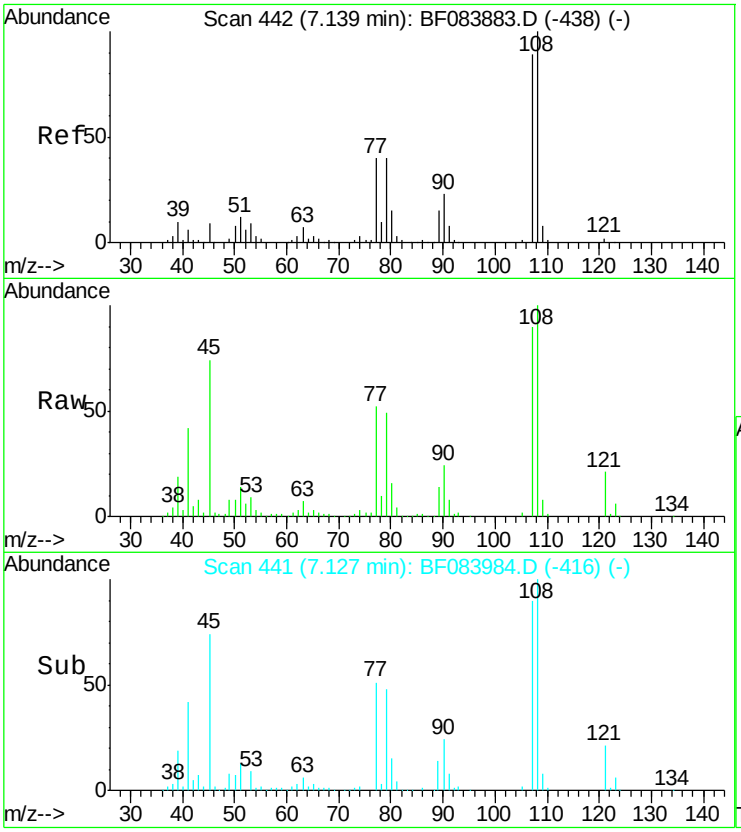


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.10 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 45 Resp: 237675

Ion	Ratio	Lower	Upper
45	100		
77	23.2	0.0	39.6
79	20.3	0.0	35.0



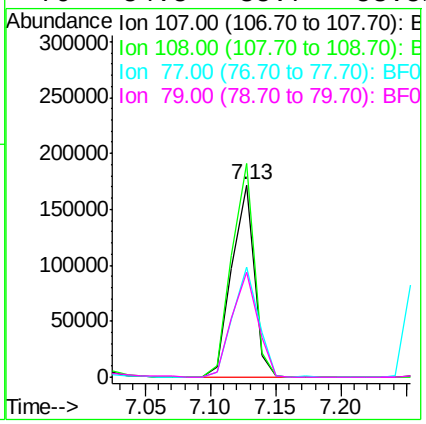


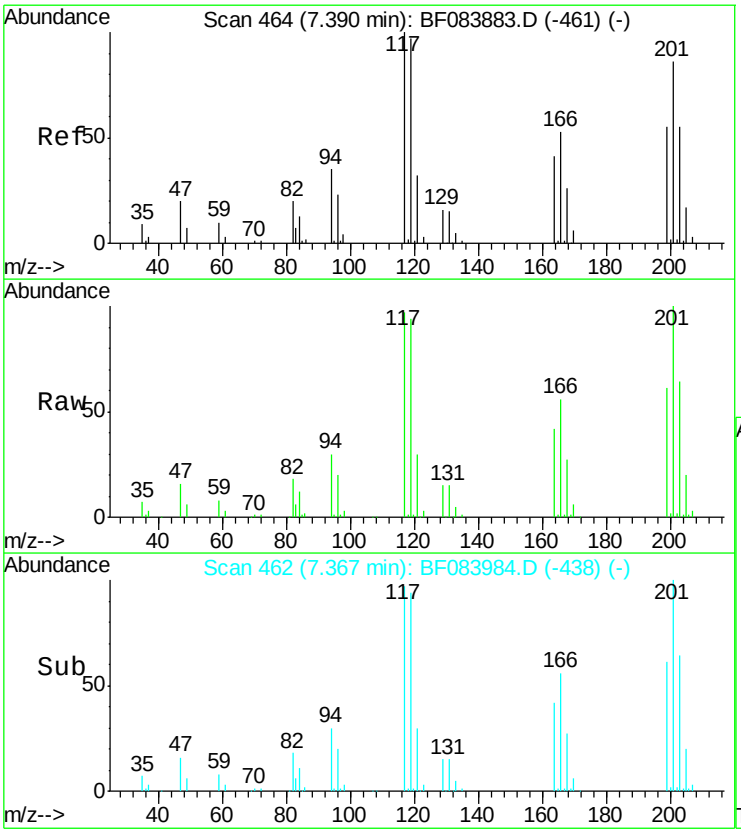
#17
2-Methylphenol
Concen: 44.77 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:107 Resp: 205846

Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.8	134.6
77	57.4	35.7	53.5#
79	54.5	35.7	53.5#

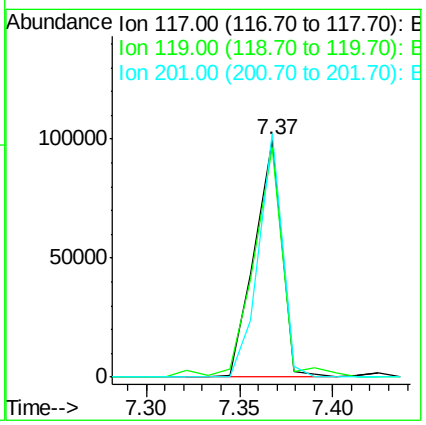


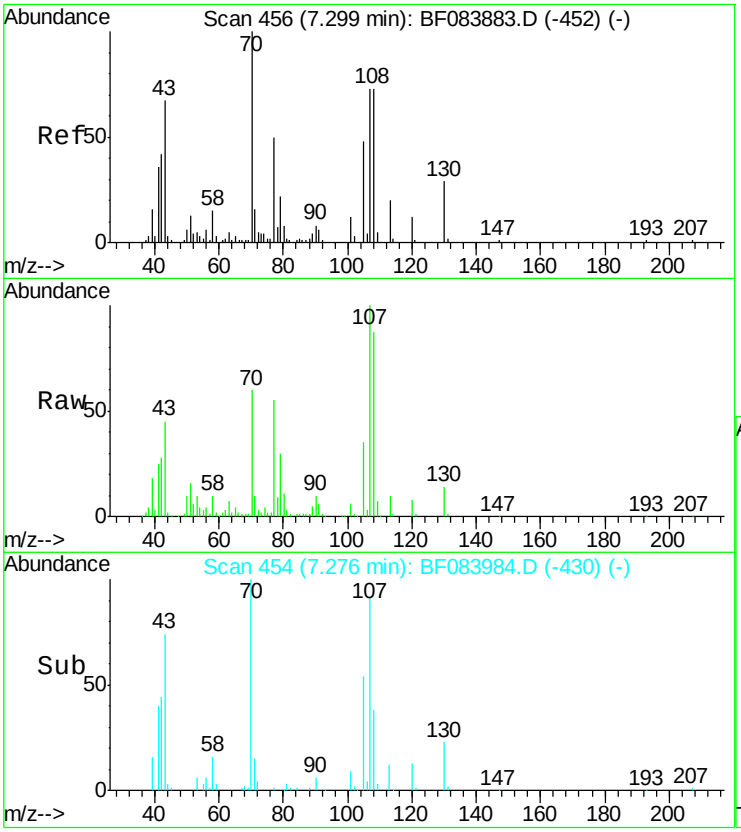


#18
Hexachloroethane
Concen: 42.65 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:117 Resp: 100725

Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
201	102.6	68.6	103.0



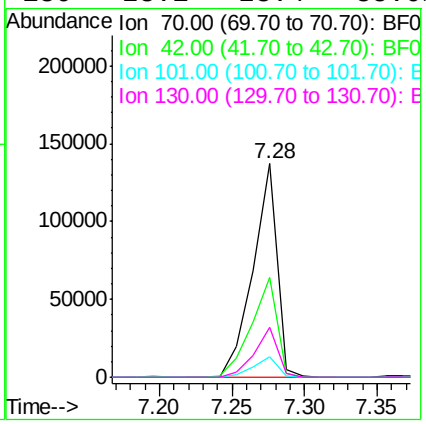


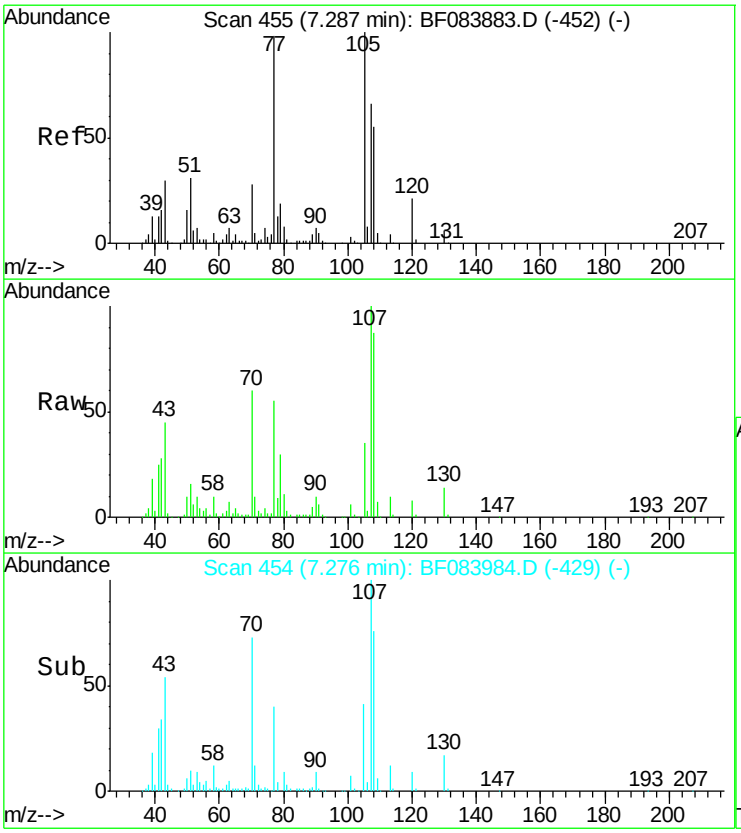
#19
n-Nitroso-di-n-propylamine
Concen: 45.17 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 70 Resp: 158763

Ion	Ratio	Lower	Upper
70	100		
42	46.8	33.3	49.9
101	9.8	9.3	13.9
130	23.1	23.4	35.0#

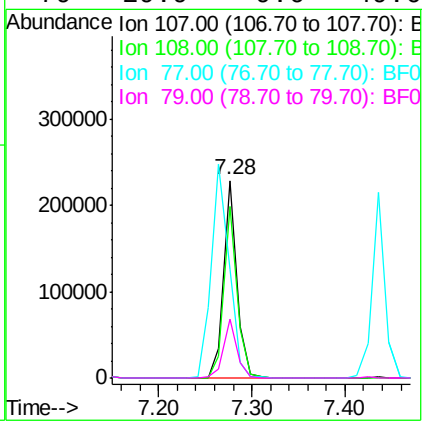


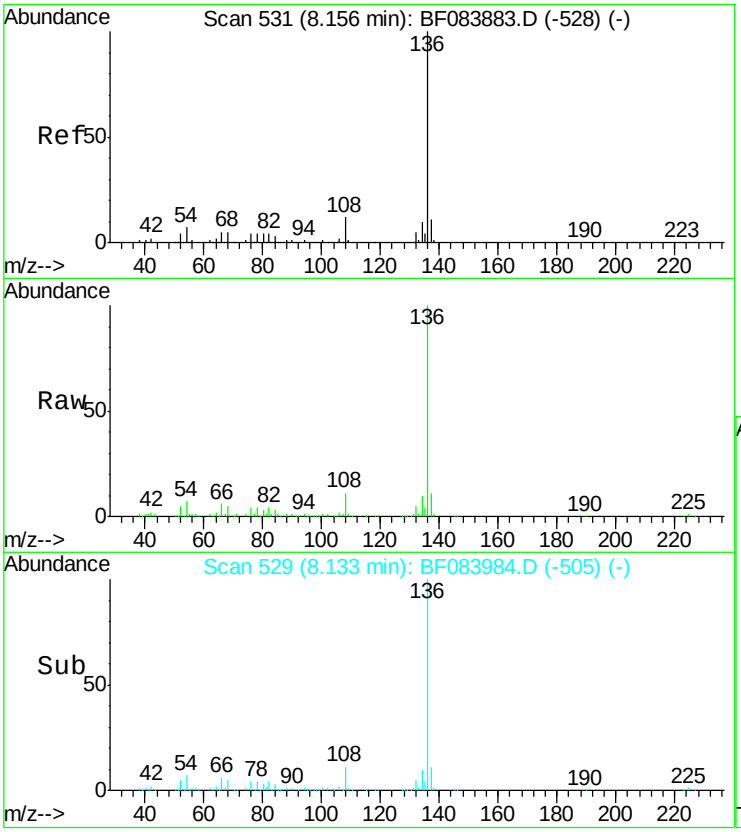


#20
3+4-Methylphenols
Concen: 42.10 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:107 Resp: 227500

Ion	Ratio	Lower	Upper
107	100		
108	86.7	64.1	104.1
77	54.9	128.9	168.9#
79	29.9	9.6	49.6



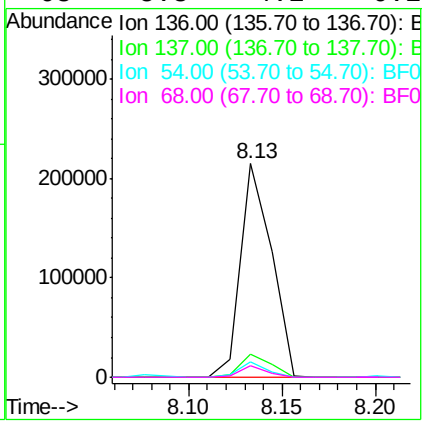


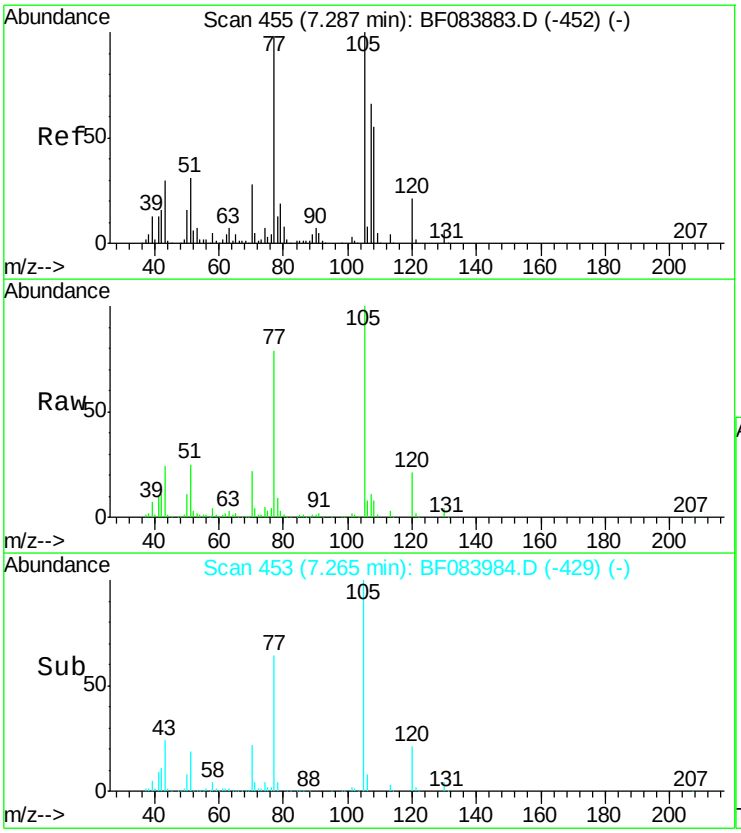
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:136 Resp: 247445

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	7.2	5.8	8.8
68	5.3	4.2	6.2

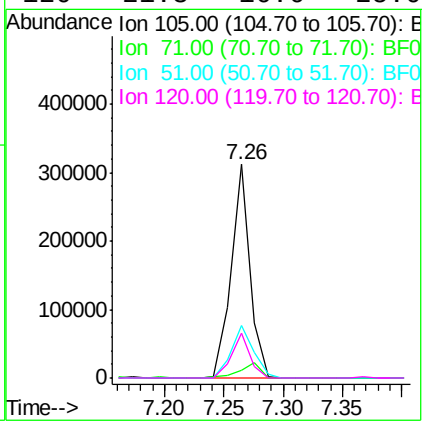


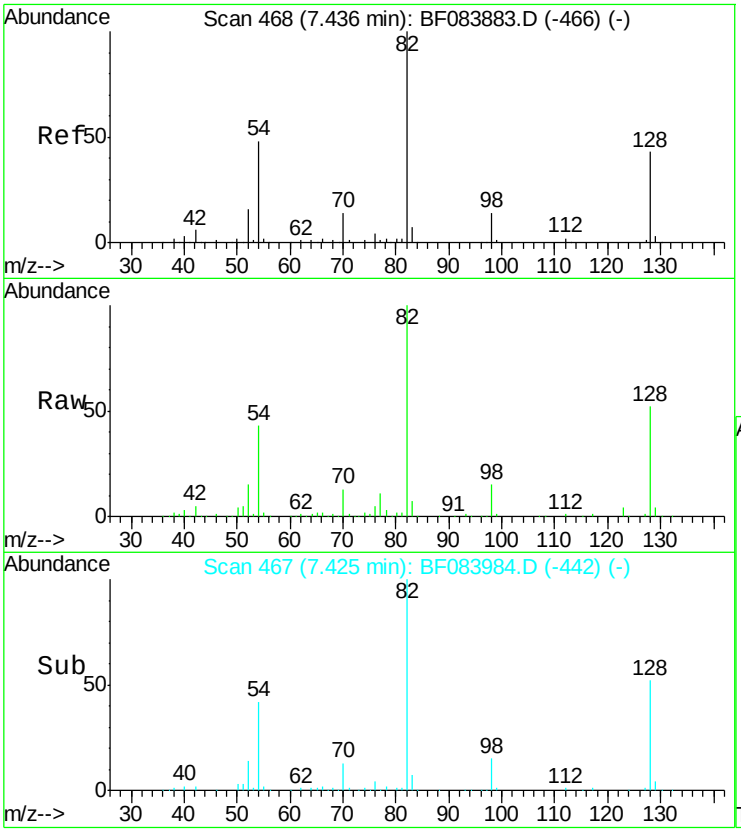


#22
Acetophenone
Concen: 57.63 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:105 Resp: 343316

Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.7	5.5
51	24.8	25.1	37.7#
120	21.3	16.6	25.0



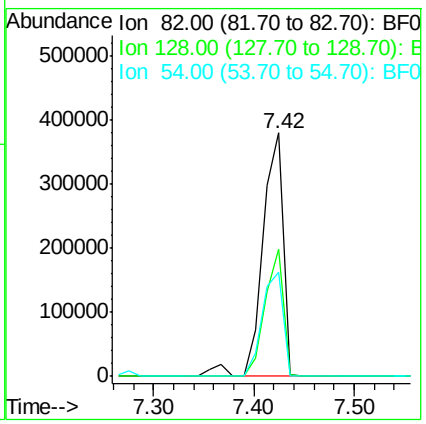


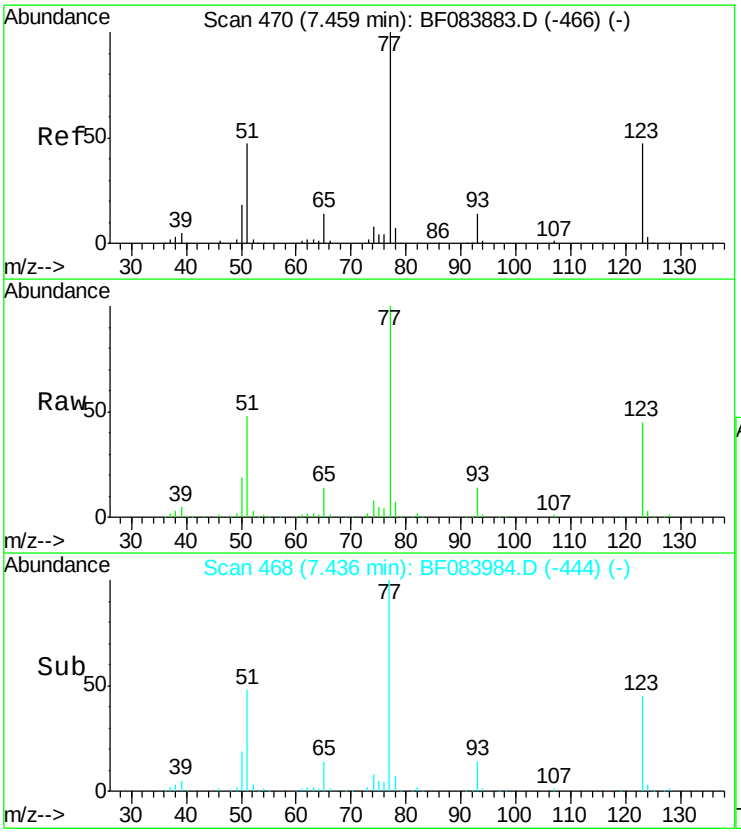
#23
Nitrobenzene-d5
Concen: 123.84 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 82 Resp: 536918

Ion	Ratio	Lower	Upper
82	100		
128	52.0	34.6	51.8#
54	42.5	38.4	57.6

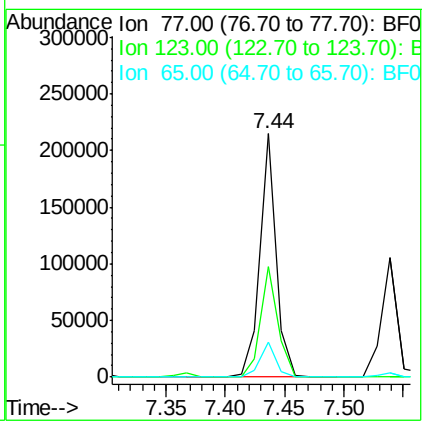


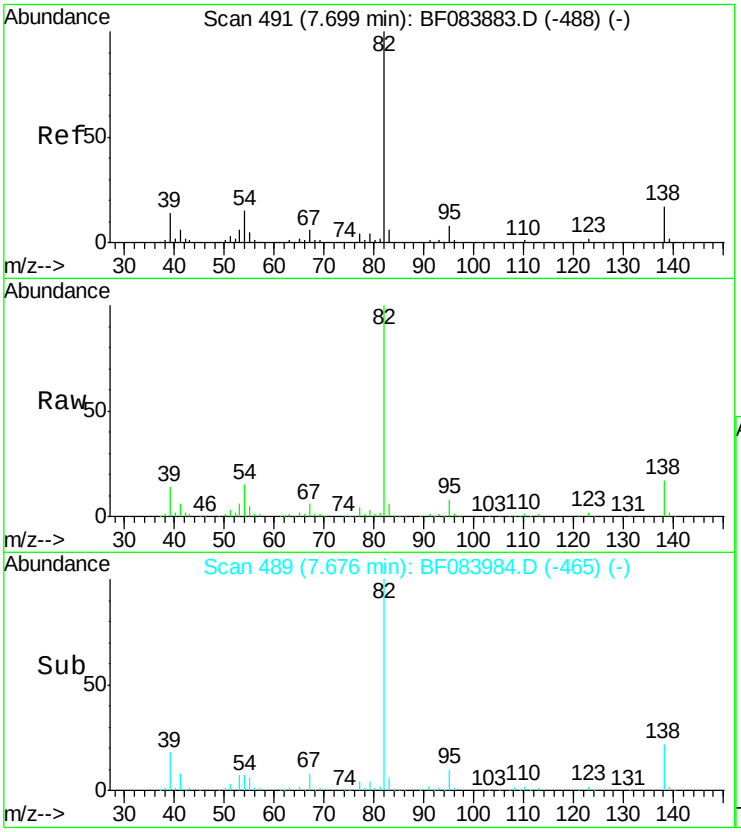


#24
Nitrobenzene
Concen: 46.31 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 77 Resp: 207629

Ion	Ratio	Lower	Upper
77	100		
123	45.4	37.4	56.2
65	14.1	10.9	16.3



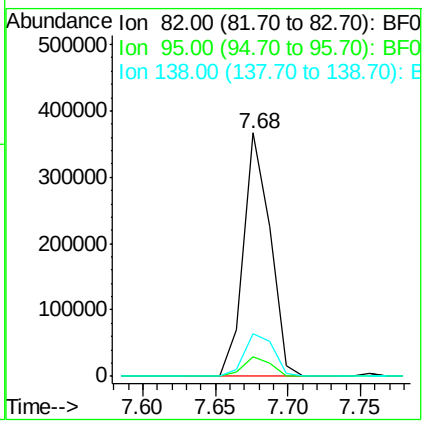


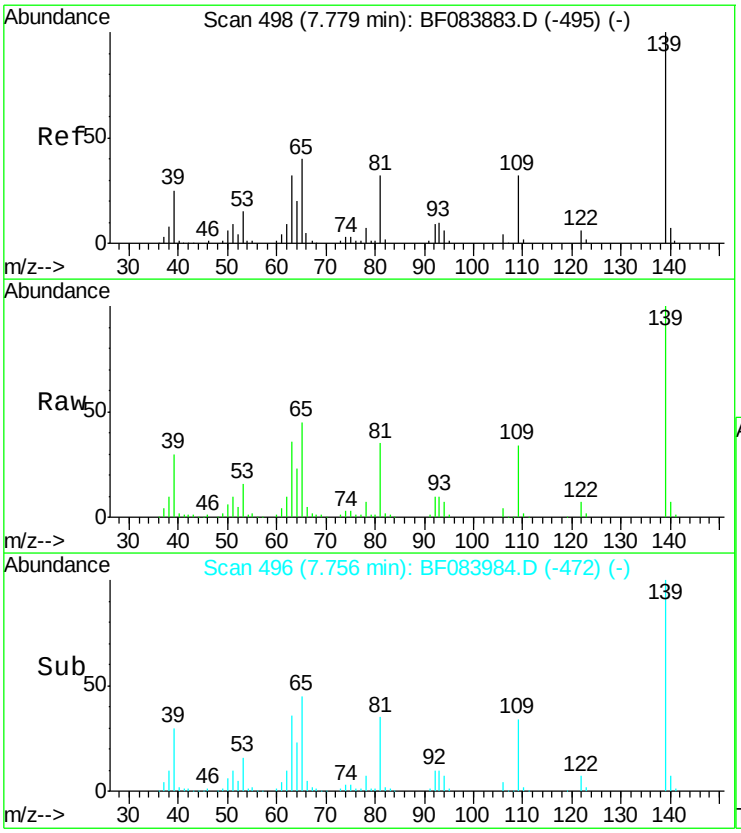
#25
Isophorone
Concen: 57.25 ng
RT: 7.68 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 82 Resp: 467050

Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.6	10.0
138	17.3	13.6	20.4

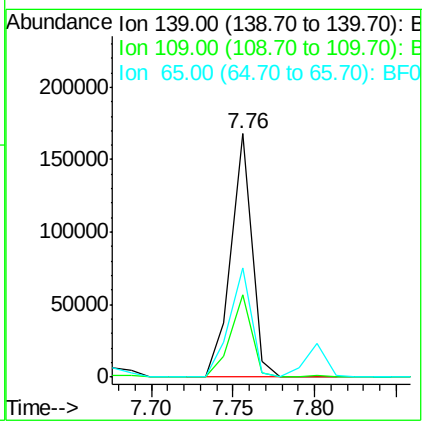


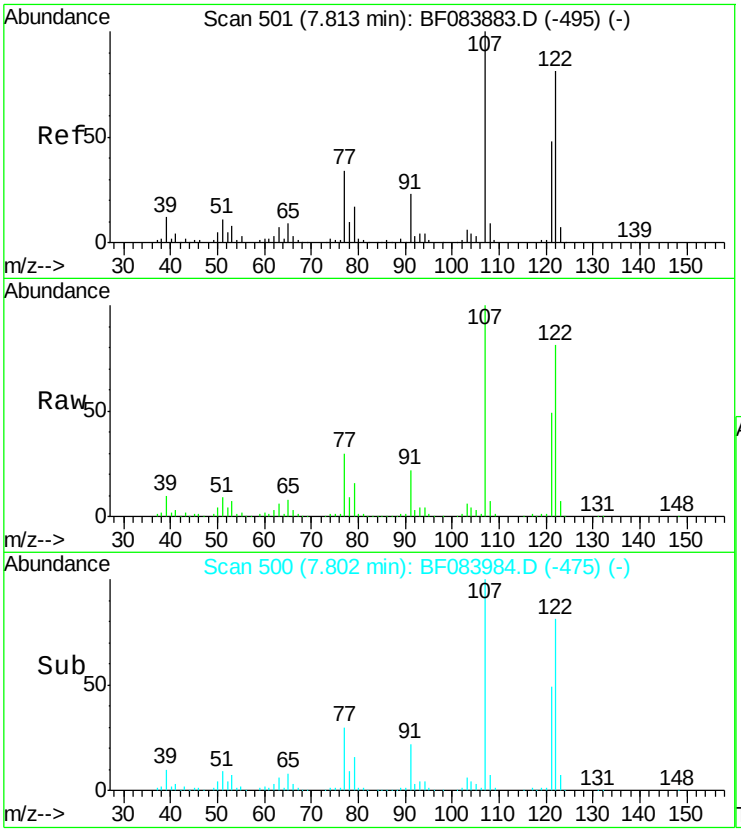


#26
2-Nitrophenol
Concen: 64.15 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:139 Resp: 148882

Ion	Ratio	Lower	Upper
139	100		
109	33.7	25.4	38.2
65	44.9	32.3	48.5



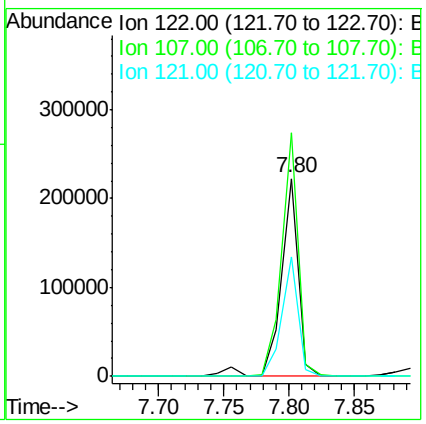


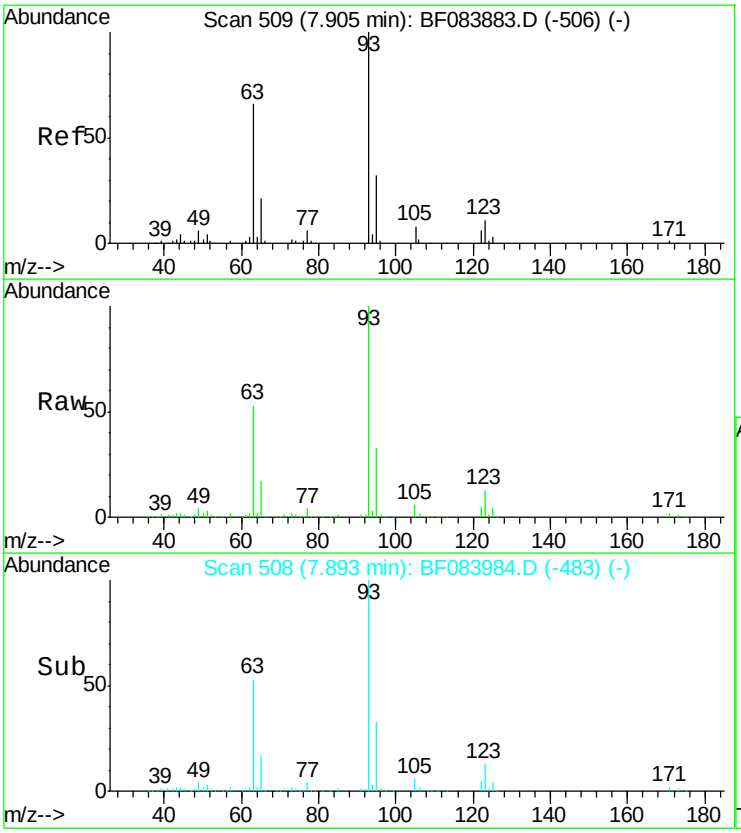
#27
2,4-Dimethylphenol
Concen: 52.29 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:122 Resp: 209046

Ion	Ratio	Lower	Upper
122	100		
107	123.2	99.1	148.7
121	60.2	47.9	71.9

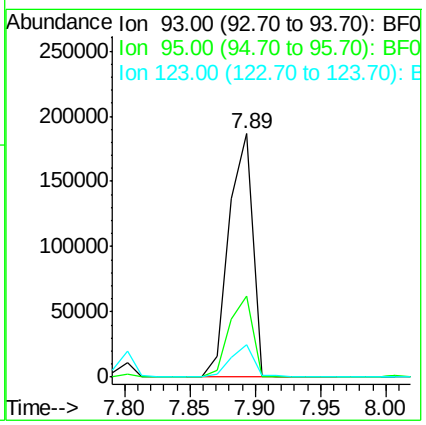


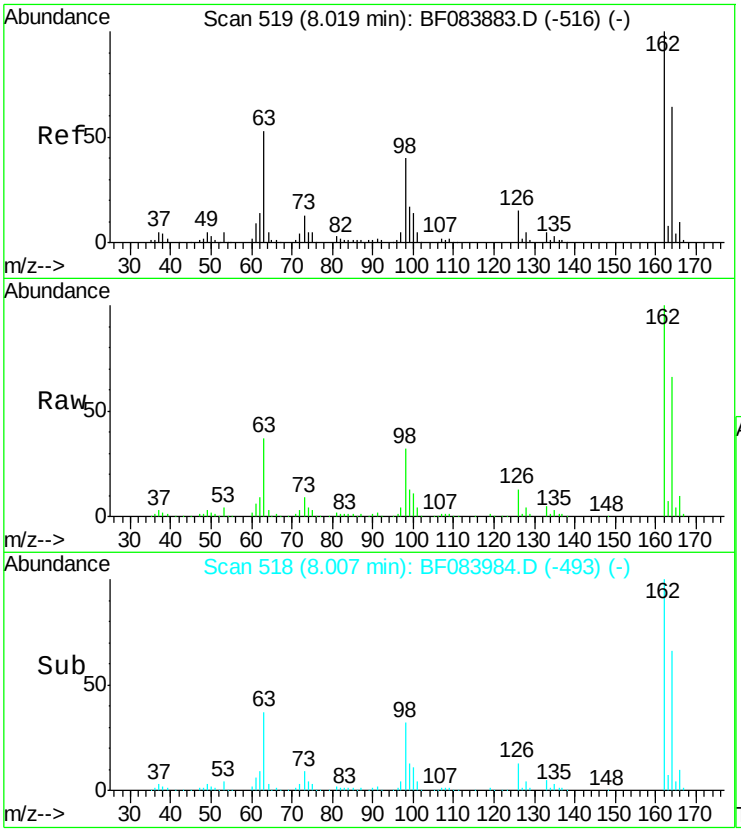


#28
bis(2-Chloroethoxy)methane
Concen: 48.75 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 93 Resp: 235214

Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.6
123	13.3	8.6	12.8#



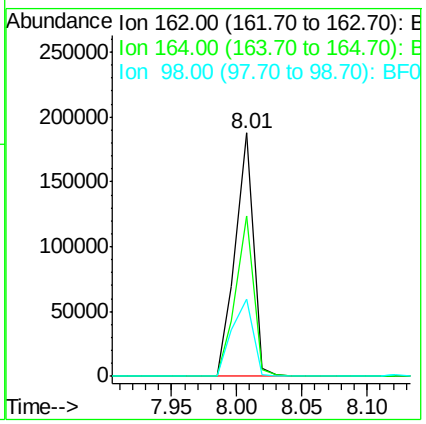


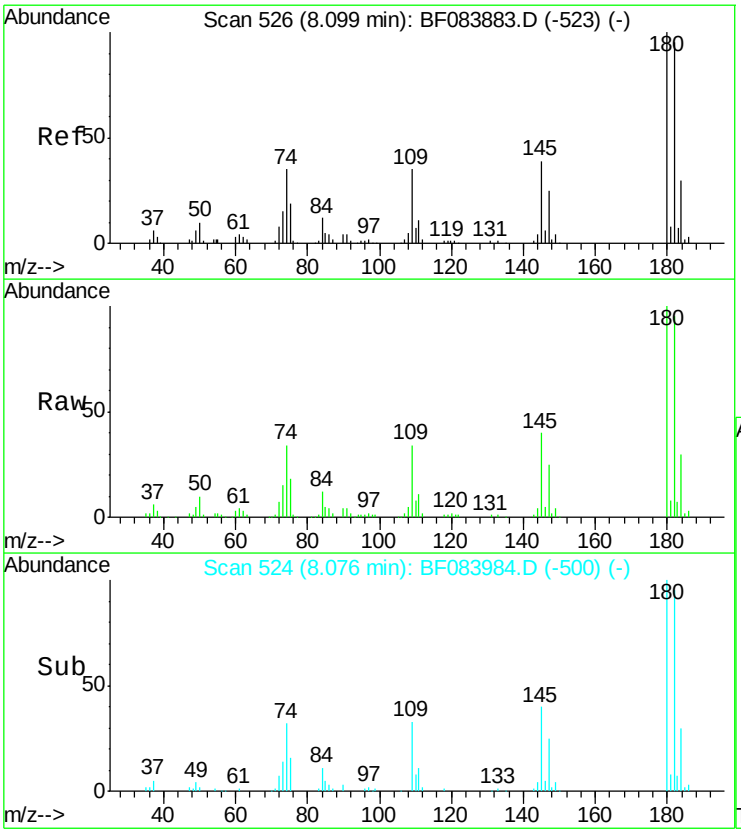
#29
2,4-Dichlorophenol
Concen: 50.51 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:162 Resp: 183195

Ion	Ratio	Lower	Upper
162	100		
164	65.6	44.1	84.1
98	31.8	20.2	60.2

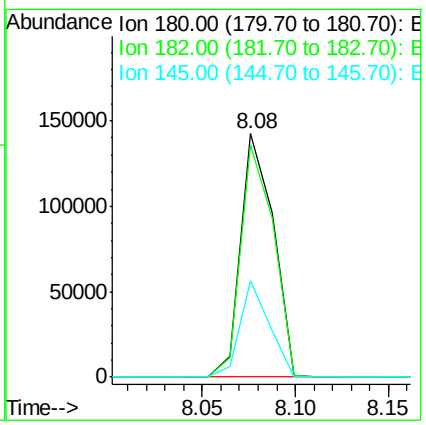


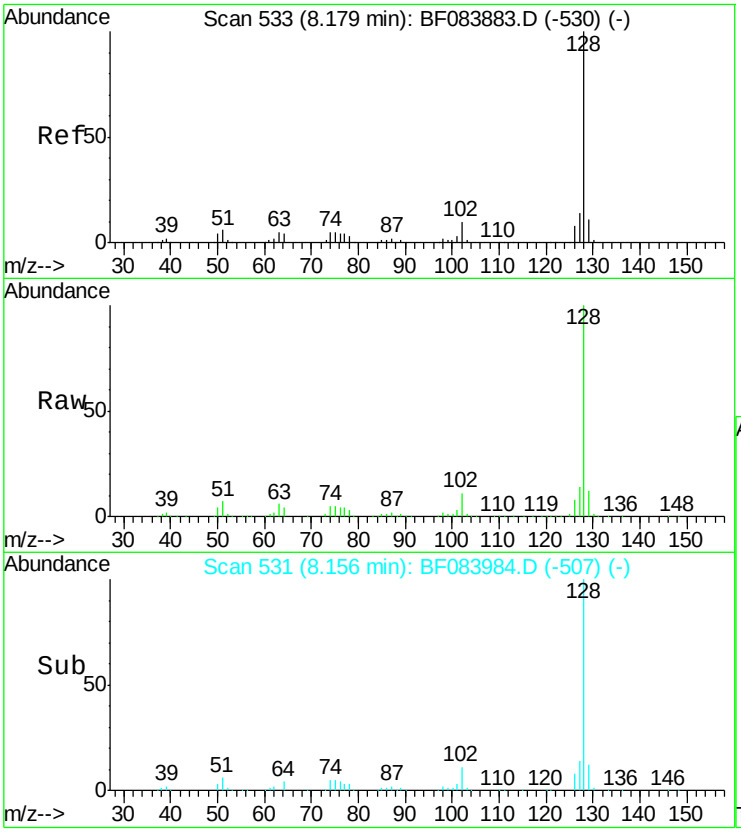


#30
1,2,4-Trichlorobenzene
Concen: 44.31 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:180 Resp: 172619

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.4	114.6
145	39.8	31.6	47.4



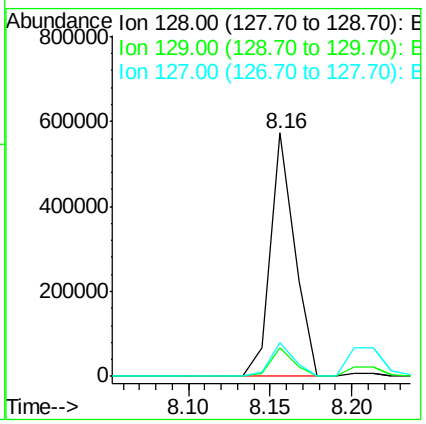


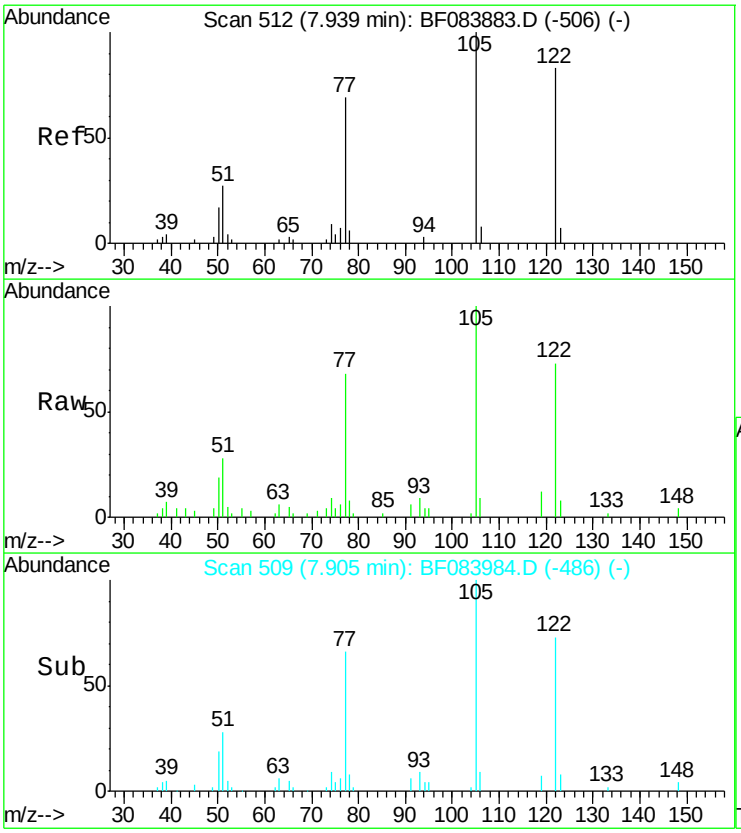
#31
Naphthalene
Concen: 47.93 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:128 Resp: 595754

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.6	11.1	16.7

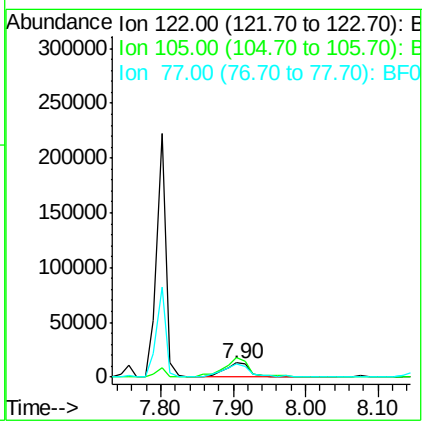


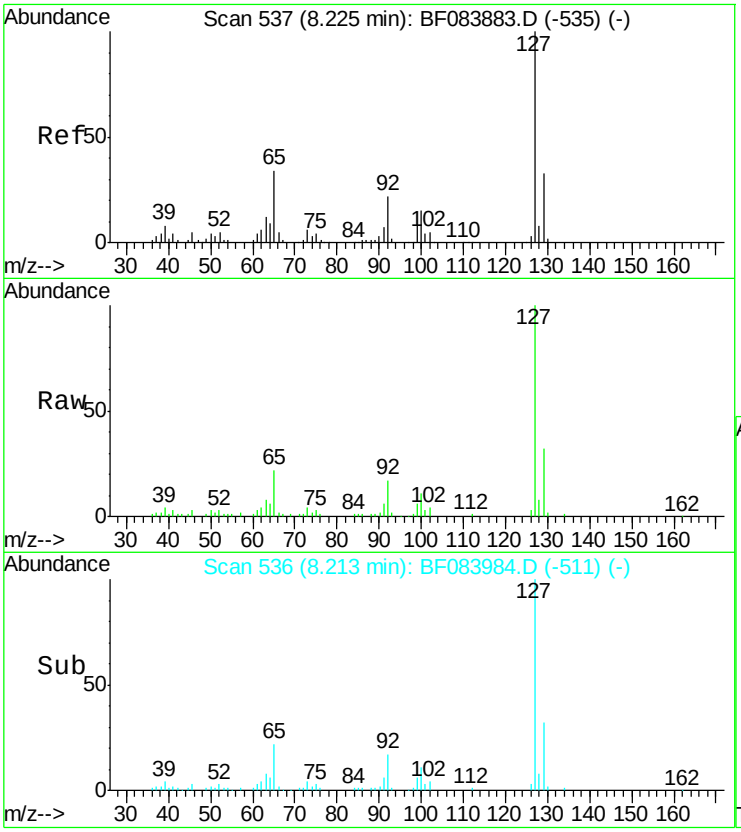


#32
Benzoic acid
Concen: 28.22 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:122 Resp: 34739

Ion	Ratio	Lower	Upper
122	100		
105	136.2	100.3	140.3
77	93.2	63.5	103.5



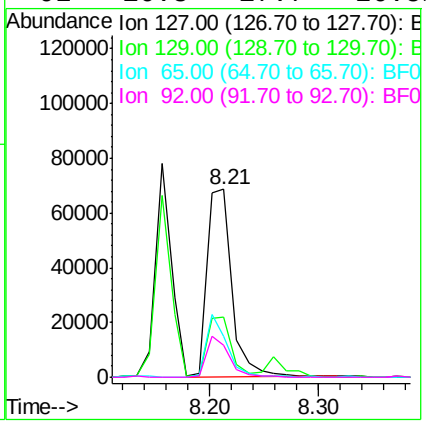


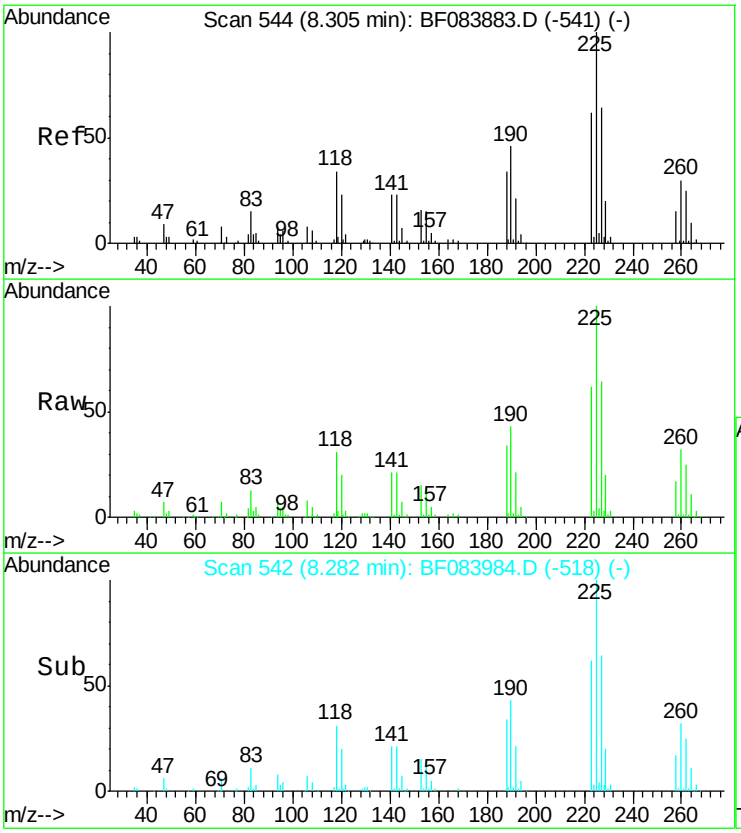
#33
4-Chloroaniline
Concen: 19.59 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:127 Resp: 110028

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.5	39.7
65	21.8	27.2	40.8#
92	16.8	17.7	26.5#

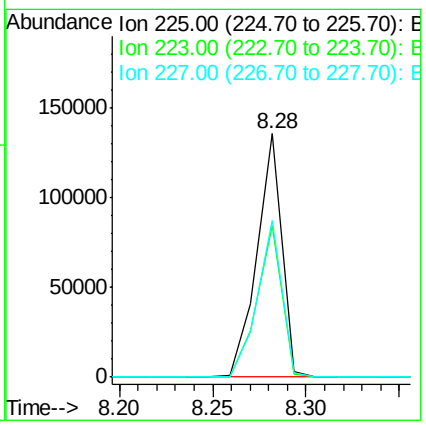


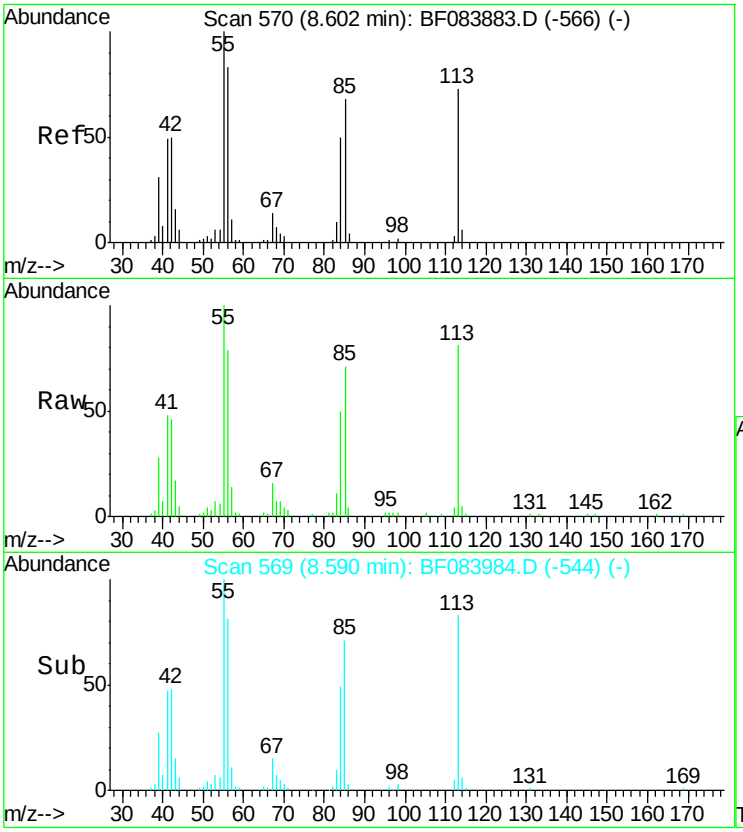


#34
Hexachlorobutadiene
Concen: 50.57 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:225 Resp: 123027

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.4	74.0
227	64.3	50.8	76.2



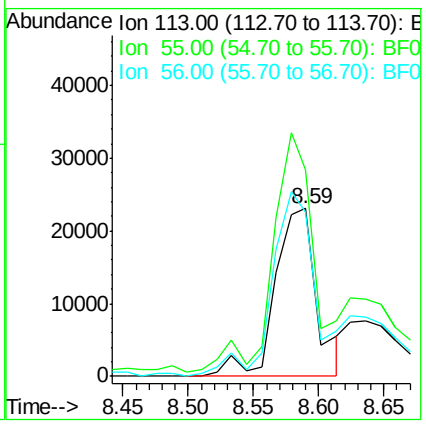


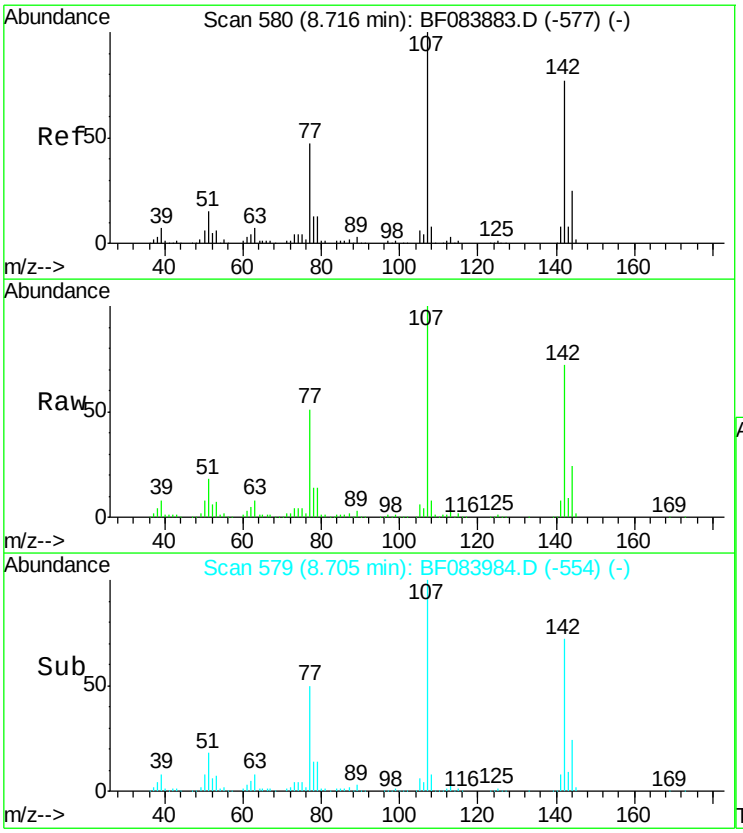
#35
Caprolactam
Concen: 42.81 ng
RT: 8.59 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:113 Resp: 51308

Ion	Ratio	Lower	Upper
113	100		
55	123.4	116.9	156.9
56	97.6	93.8	133.8

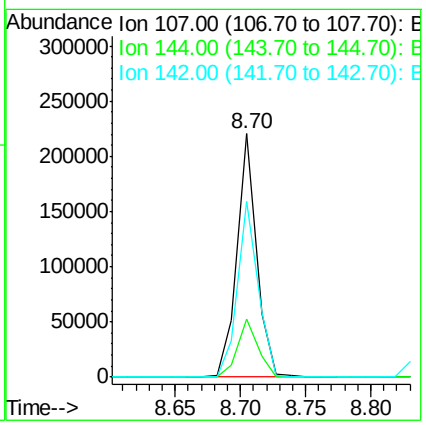


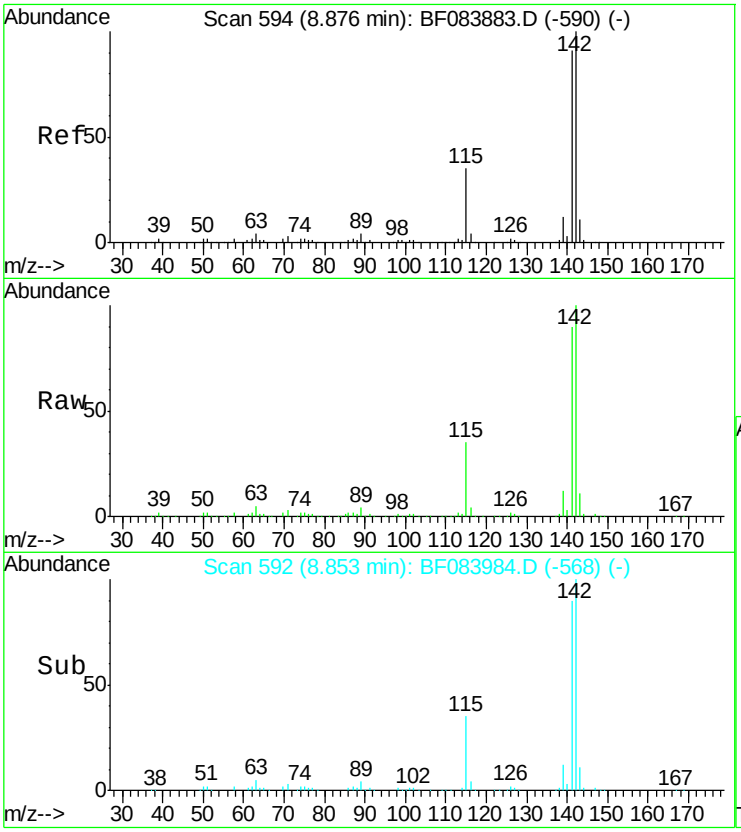


#36
4-Chloro-3-methylphenol
Concen: 56.55 ng
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:107 Resp: 229636

Ion	Ratio	Lower	Upper
107	100		
144	23.7	19.7	29.5
142	72.3	61.8	92.6



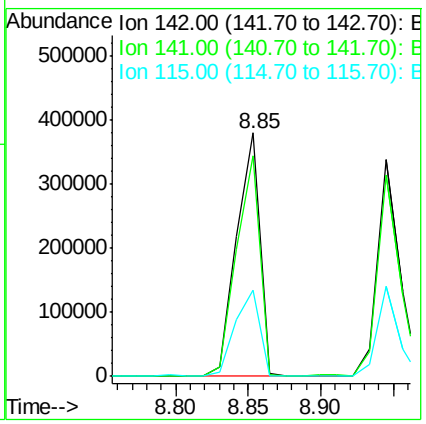


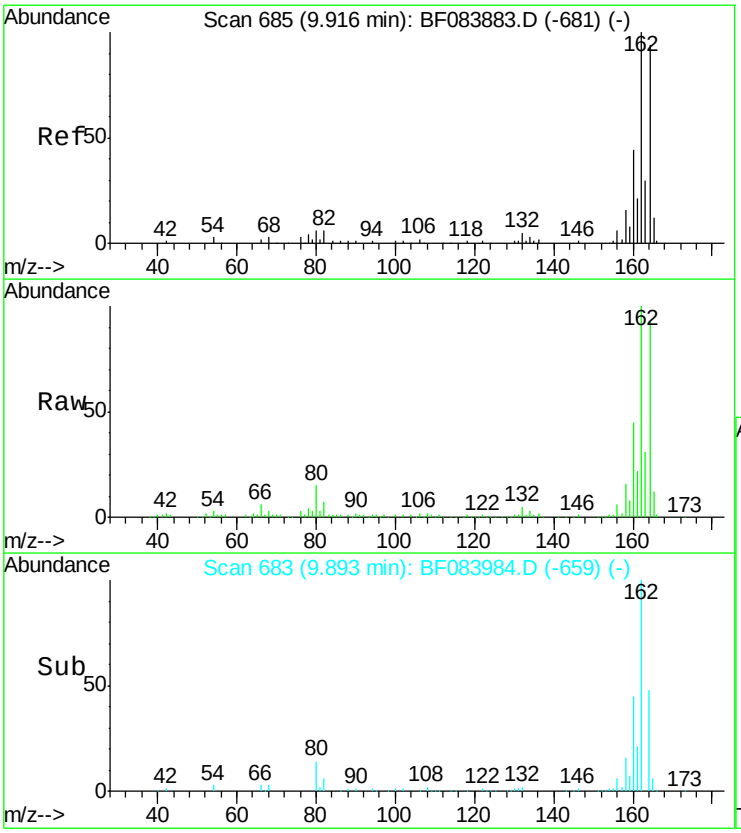
#37
2-Methylnaphthalene
Concen: 49.30 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:142 Resp: 423999

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.4	108.6
115	35.3	27.9	41.9

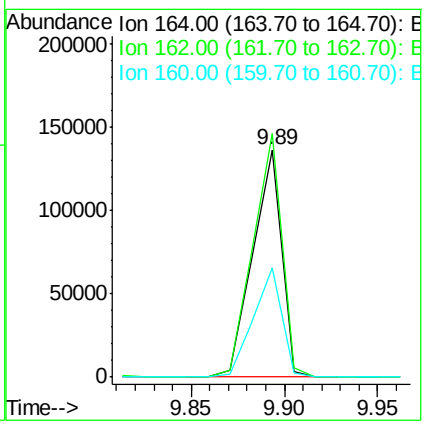


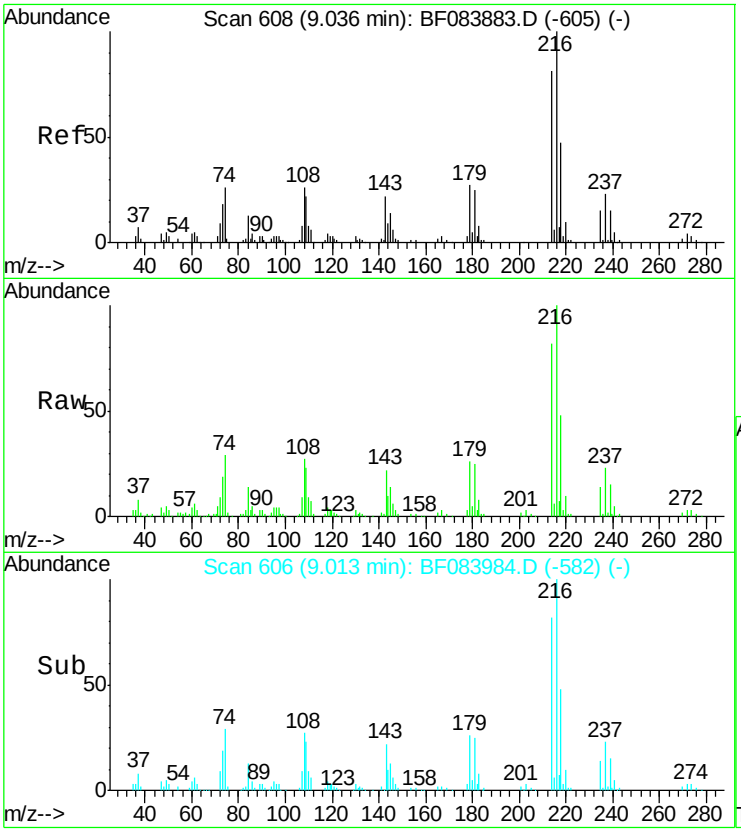


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:164 Resp: 144595

Ion	Ratio	Lower	Upper
164	100		
162	107.0	85.1	127.7
160	47.9	37.5	56.3



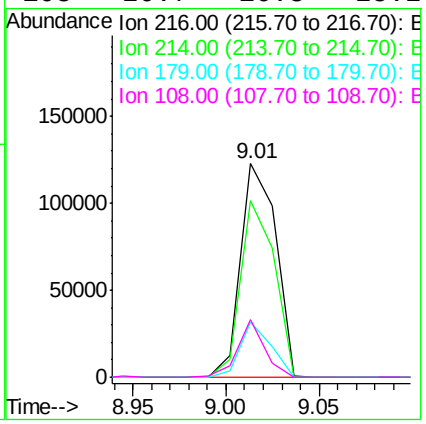


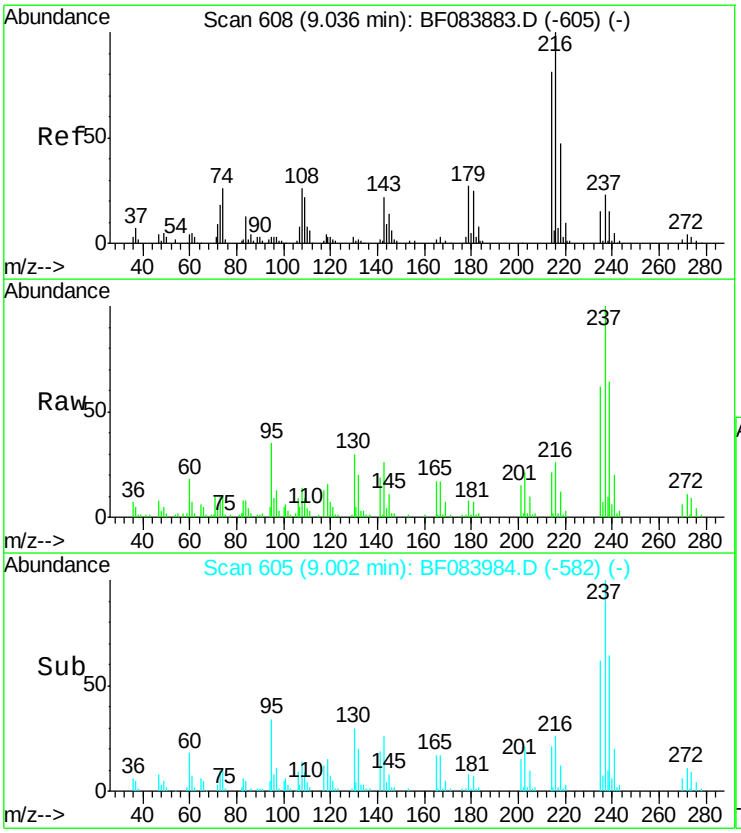
#39
1,2,4,5-Tetrachlorobenzene
Concen: 35.27 ng
RT: 9.01 min Scan# 606
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:216 Resp: 160801

Ion	Ratio	Lower	Upper
216	100		
214	79.5	64.2	96.2
179	22.7	18.7	28.1
108	20.7	16.8	25.2

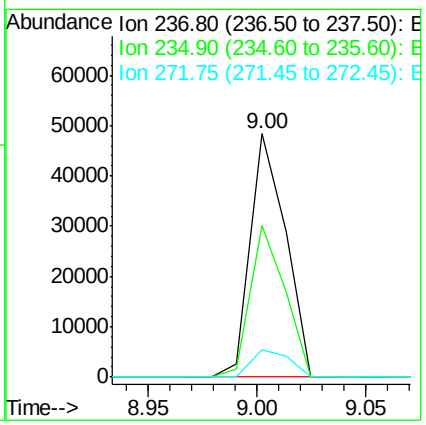


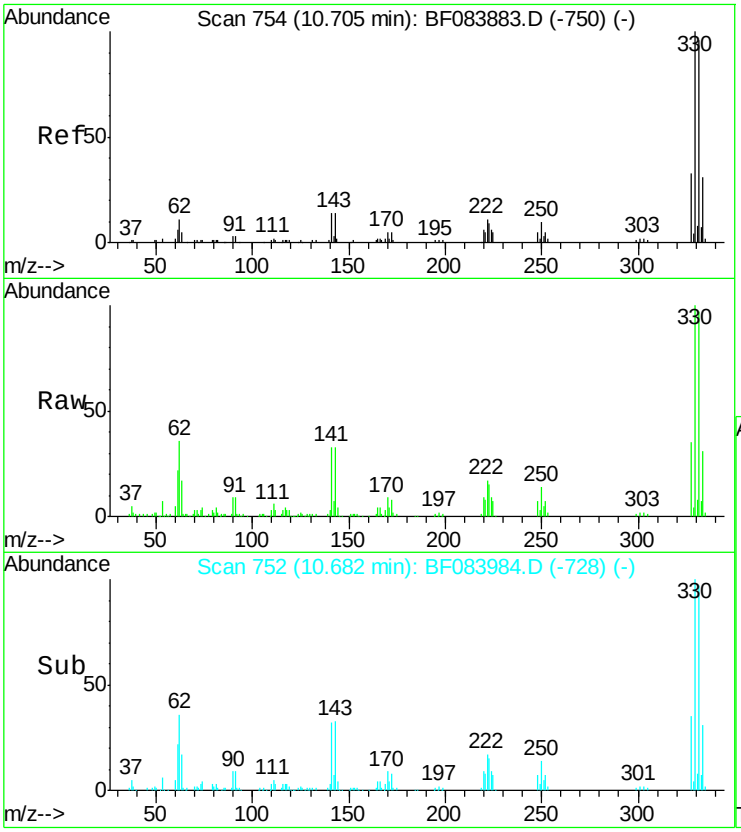


#40
Hexachlorocyclopentadiene
Concen: 46.31 ng
RT: 9.00 min Scan# 605
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:237 Resp: 54691

Ion	Ratio	Lower	Upper
237	100		
235	62.1	43.1	83.1
272	11.1	0.0	35.1



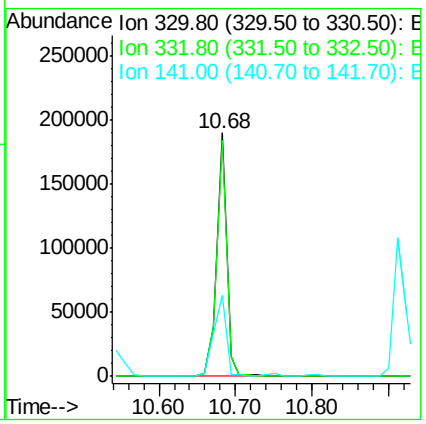


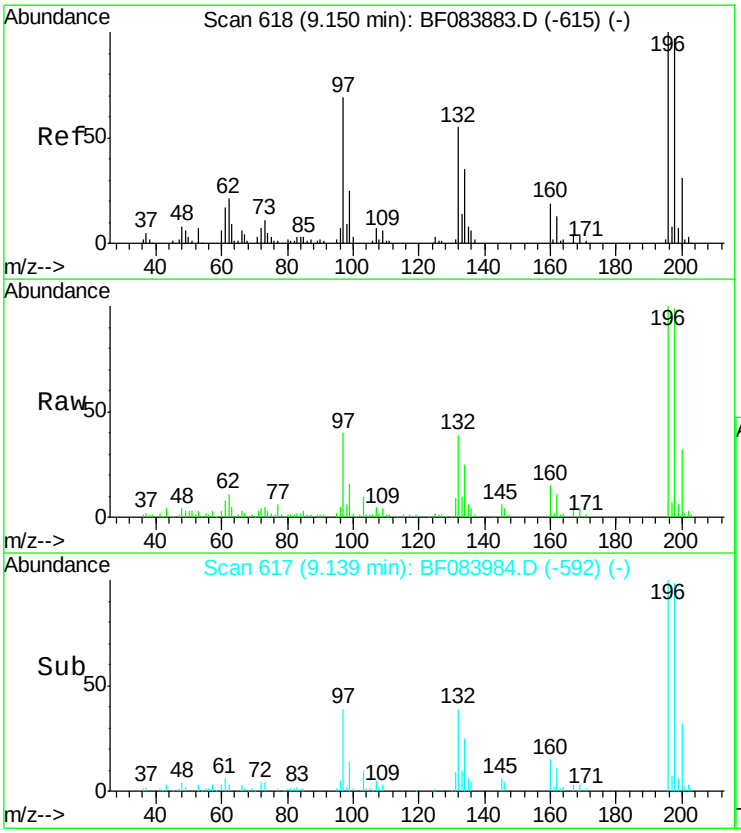
#41
2,4,6-Tribromophenol
Concen: 108.21 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:330 Resp: 172371

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	40.8	27.8	41.6

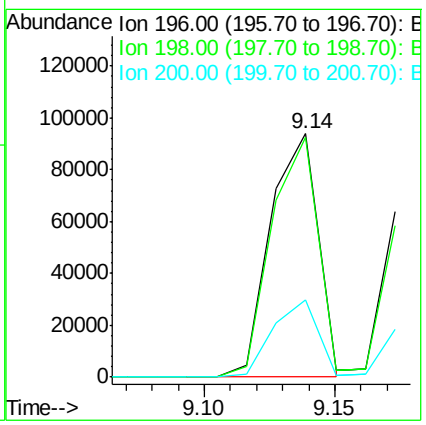


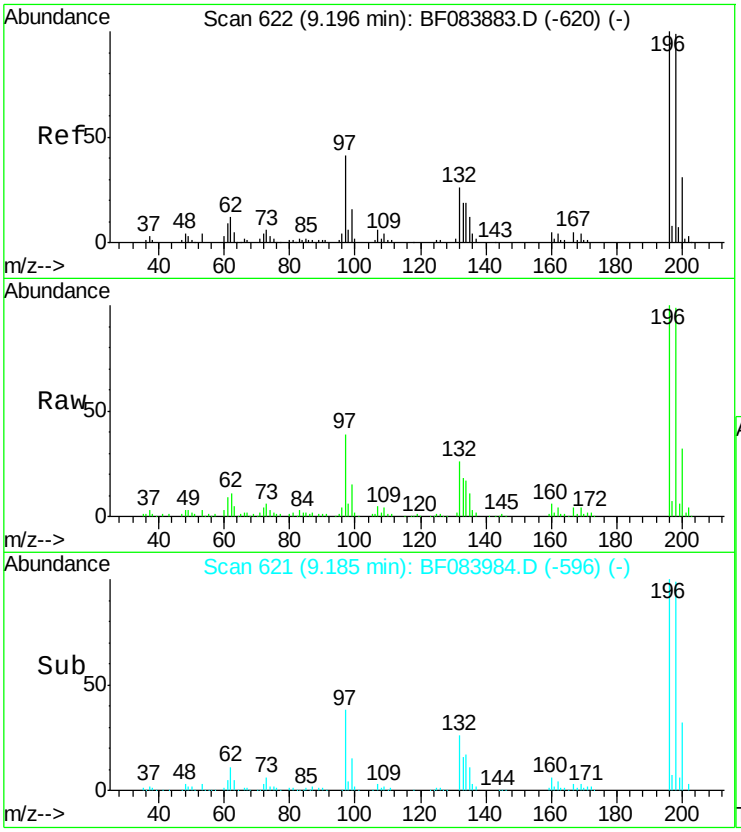


#42
2,4,6-Trichlorophenol
Concen: 39.64 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:196 Resp: 119335

Ion	Ratio	Lower	Upper
196	100		
198	98.6	77.7	116.5
200	31.8	24.6	37.0



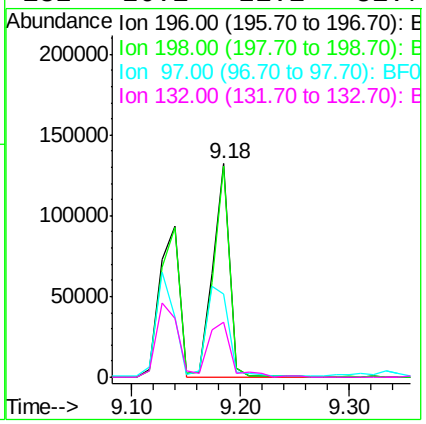


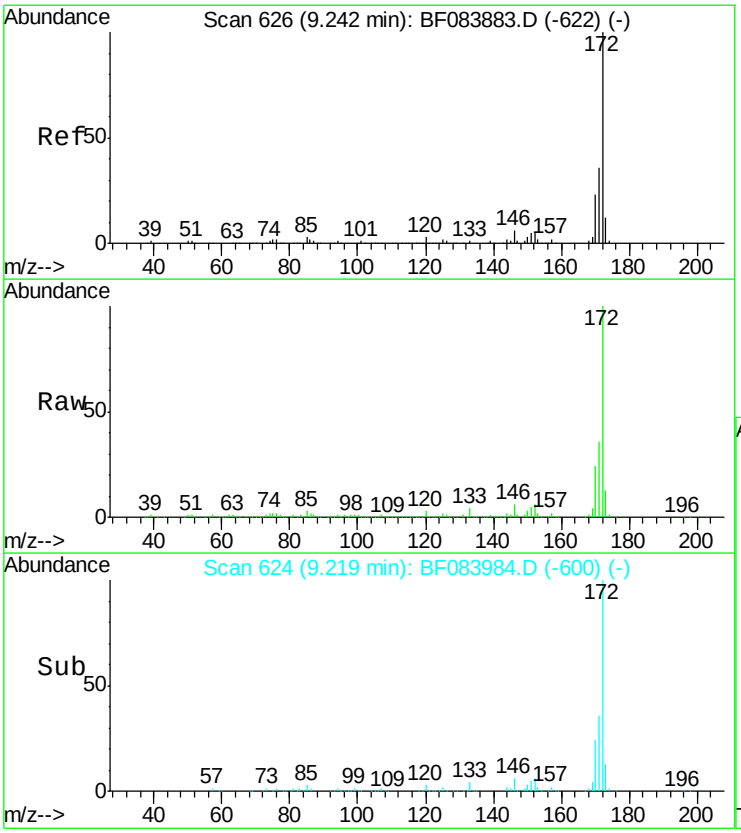
#43
2,4,5-Trichlorophenol
Concen: 48.15 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:196 Resp: 143431

Ion	Ratio	Lower	Upper
196	100		
198	99.0	79.0	118.6
97	39.0	33.0	49.6
132	26.1	21.1	31.7

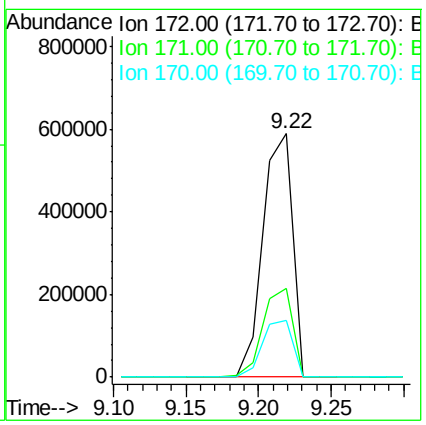


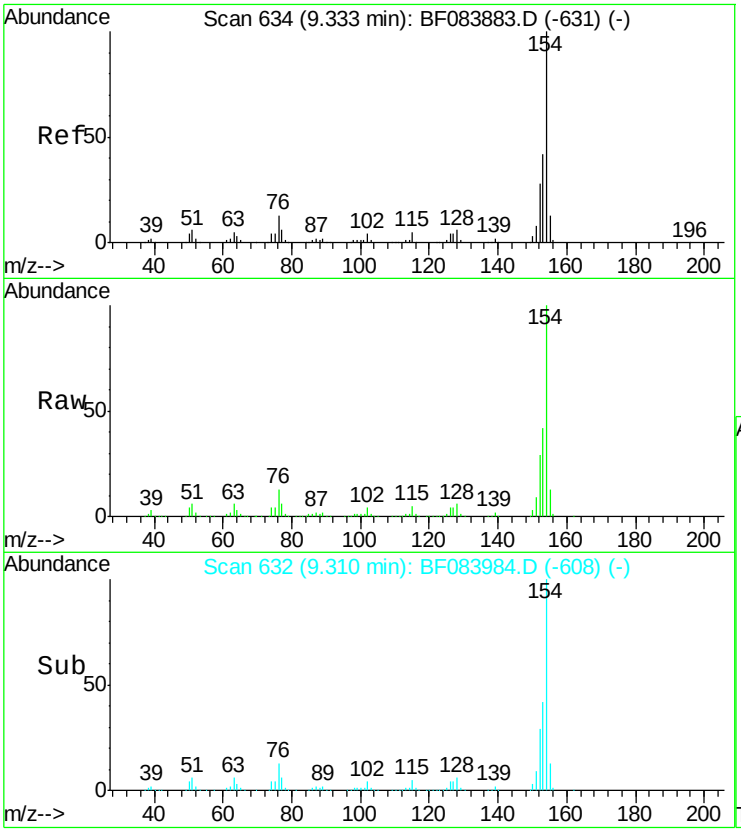


#44
2-Fluorobiphenyl
Concen: 80.19 ng
RT: 9.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:172 Resp: 833175

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.6	18.6	27.8



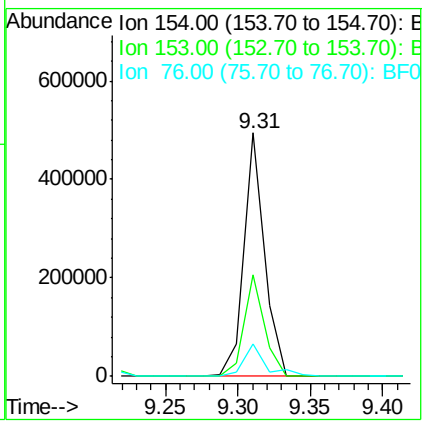


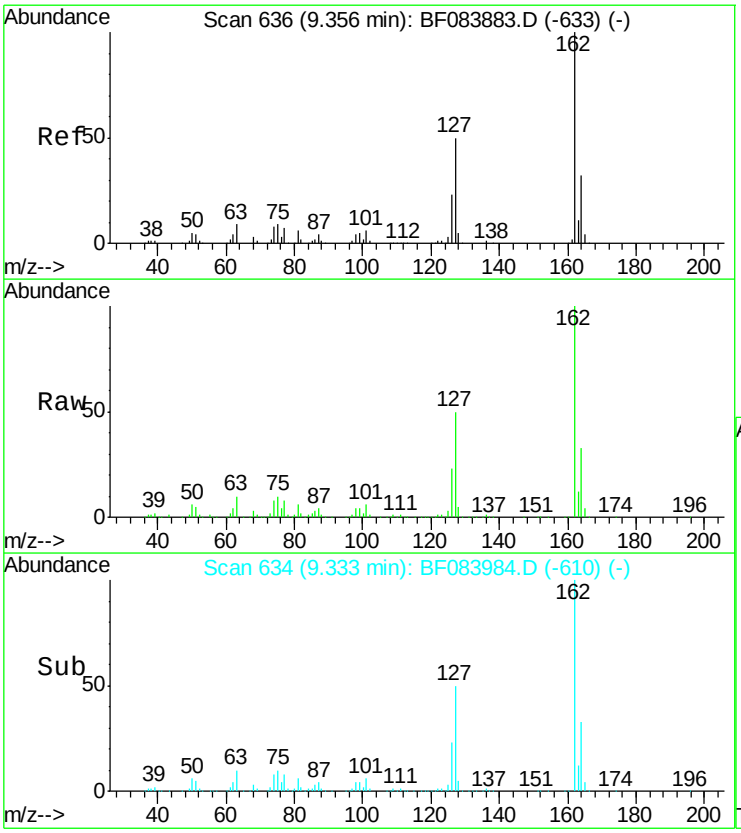
#45
1,1'-Biphenyl
Concen: 39.86 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:154 Resp: 486058

Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.6	61.6
76	13.2	0.0	32.7

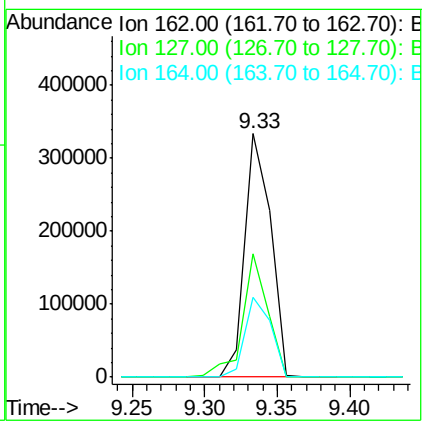


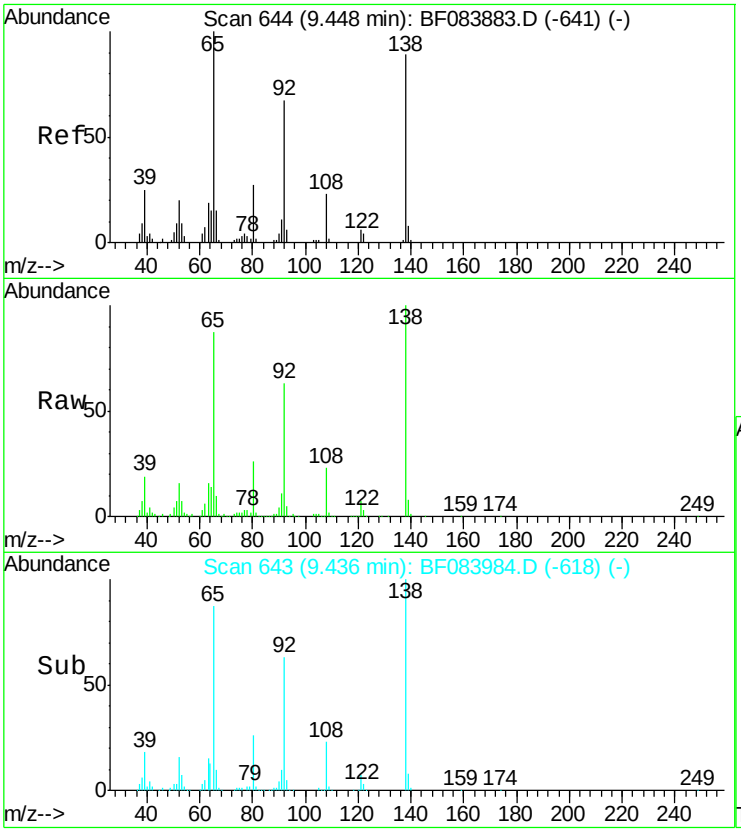


#46
2-Chloronaphthalene
Concen: 43.47 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:162 Resp: 413559

Ion	Ratio	Lower	Upper
162	100		
127	50.4	40.2	60.4
164	32.6	25.7	38.5



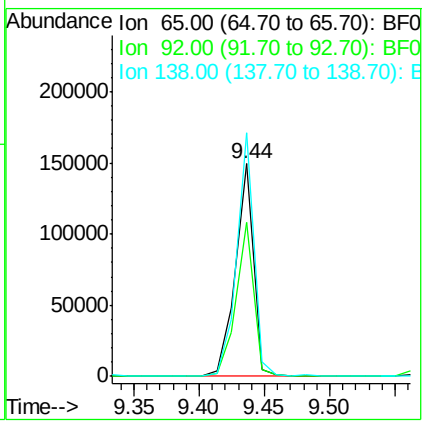


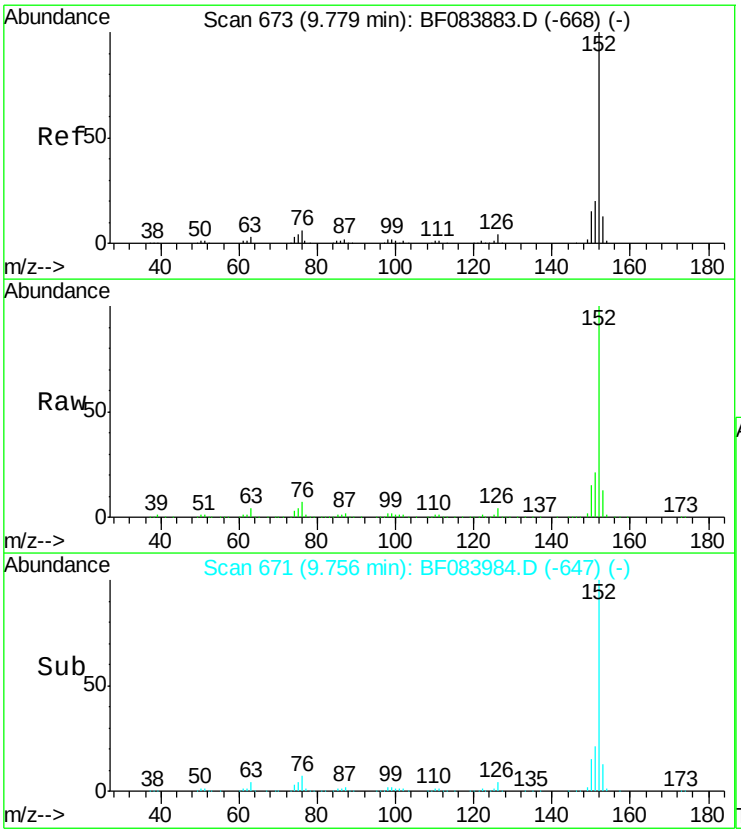
#47
2-Nitroaniline
Concen: 49.69 ng
RT: 9.44 min Scan# 643
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion: 65 Resp: 142103

Ion	Ratio	Lower	Upper
65	100		
92	72.7	53.4	80.2
138	114.6	71.1	106.7#

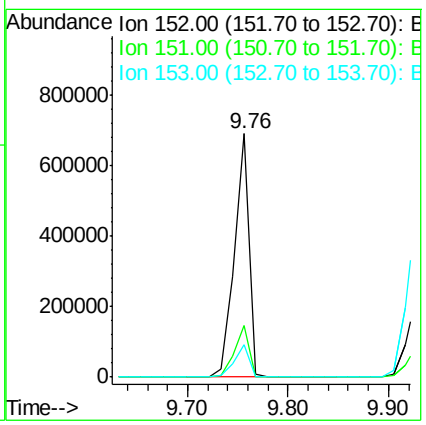


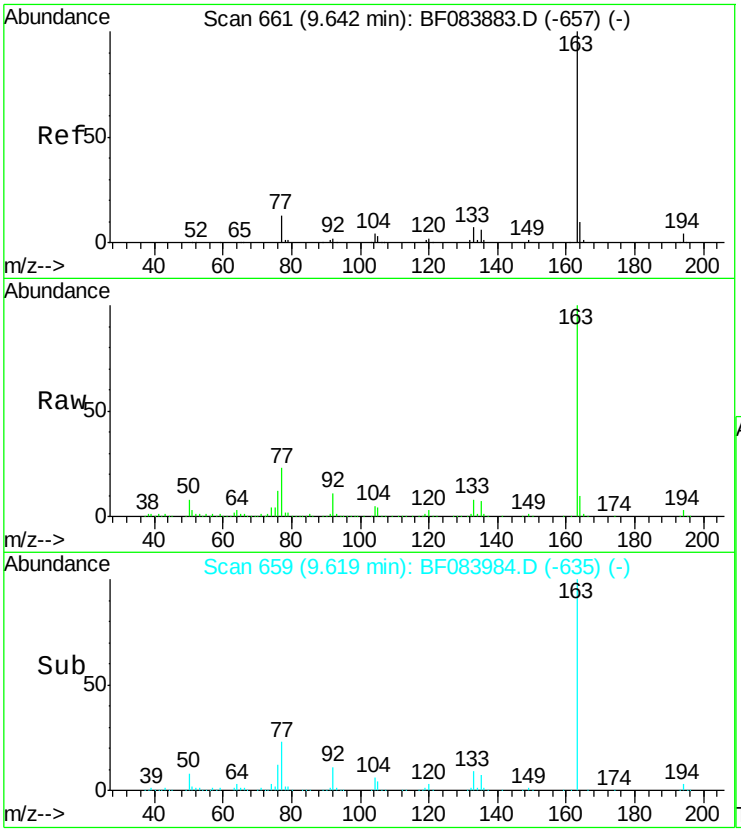


#48
Acenaphthylene
Concen: 40.97 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:152 Resp: 690600

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.3	10.4	15.6



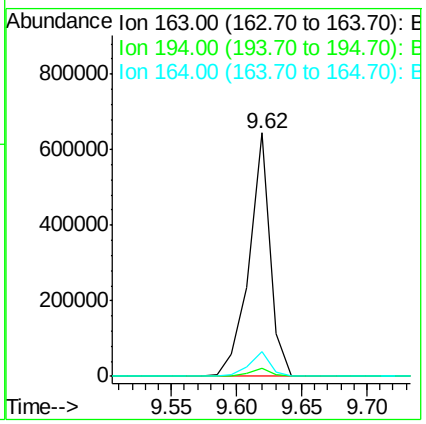


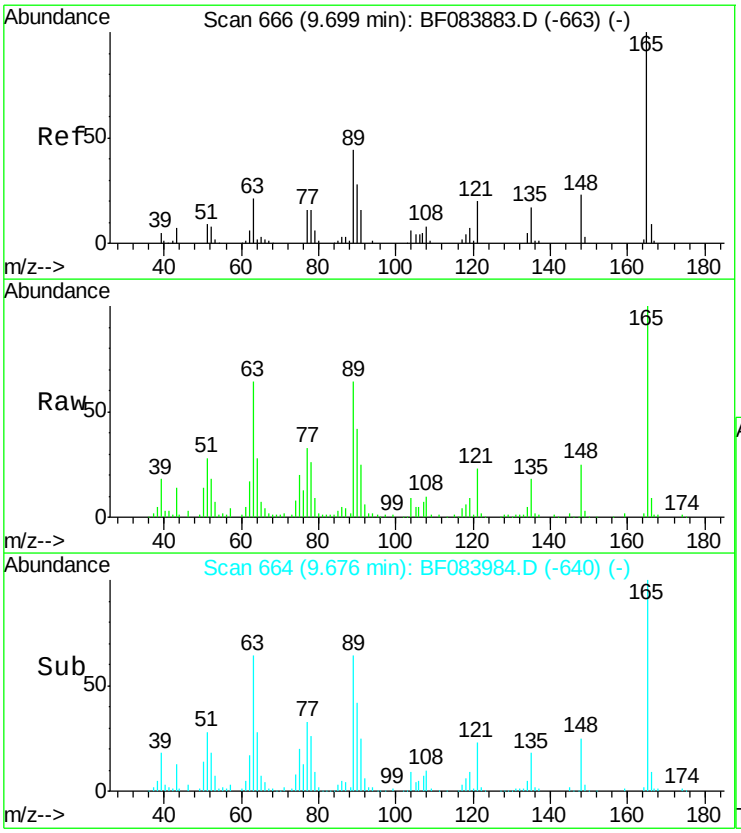
#49
Dimethylphthalate
Concen: 59.68 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:163 Resp: 724103

Ion	Ratio	Lower	Upper
163	100		
194	3.2	8.0	12.0#
164	10.4	8.0	12.0

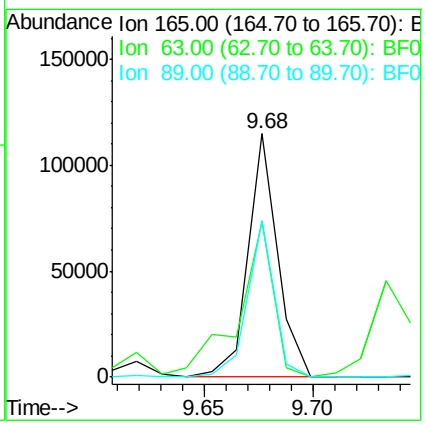


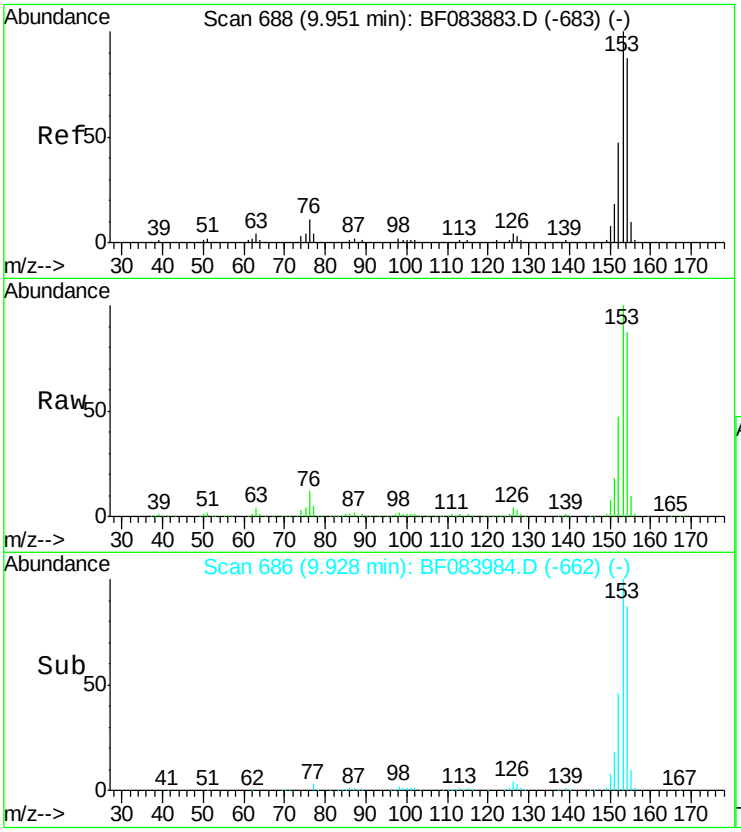


#50
2,6-Dinitrotoluene
Concen: 40.86 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:165 Resp: 108143

Ion	Ratio	Lower	Upper
165	100		
63	63.6	28.8	43.2#
89	64.2	35.1	52.7#



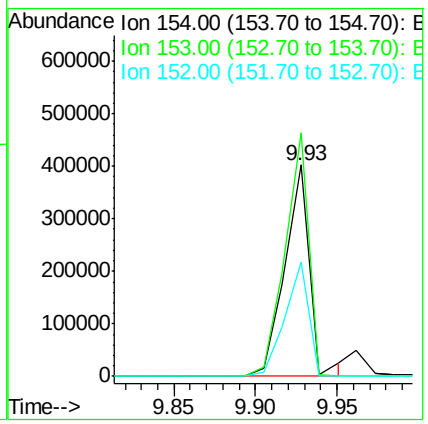


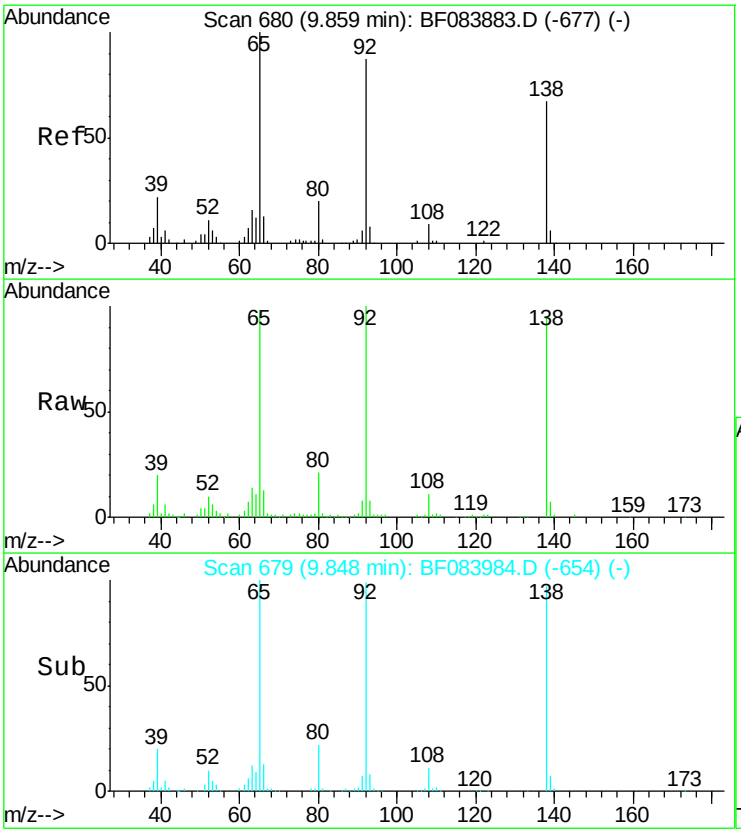
#51
Acenaphthene
Concen: 41.11 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:154 Resp: 426123

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.5	137.3
152	54.2	43.0	64.6

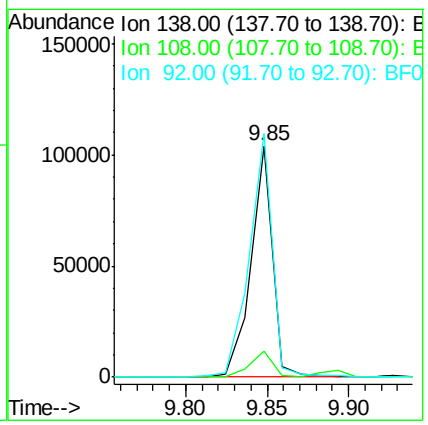


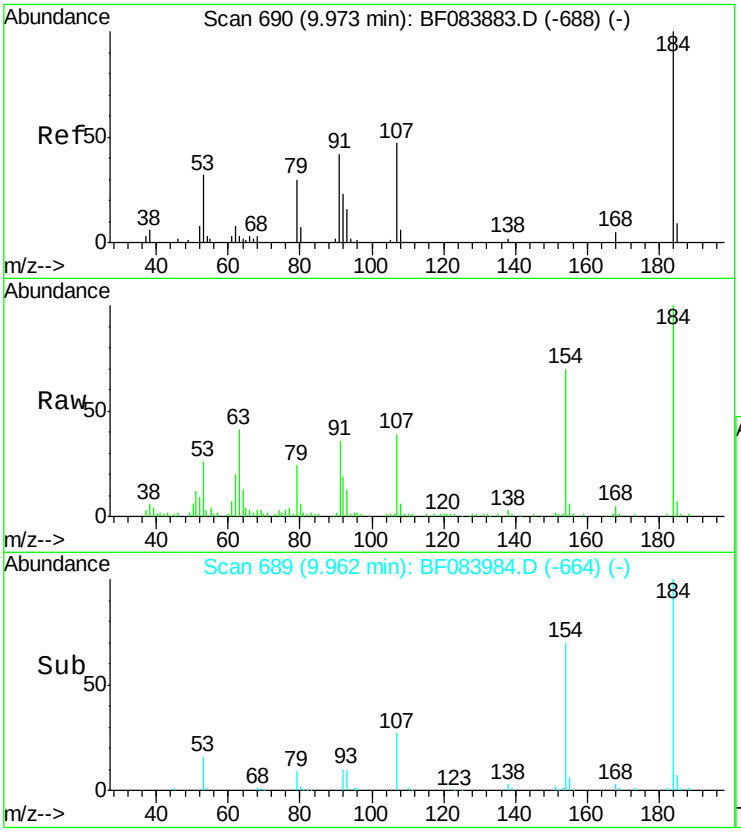


#52
3-Nitroaniline
Concen: 34.16 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:138 Resp: 95292

Ion	Ratio	Lower	Upper
138	100		
108	11.2	10.5	15.7
92	105.5	103.9	155.9



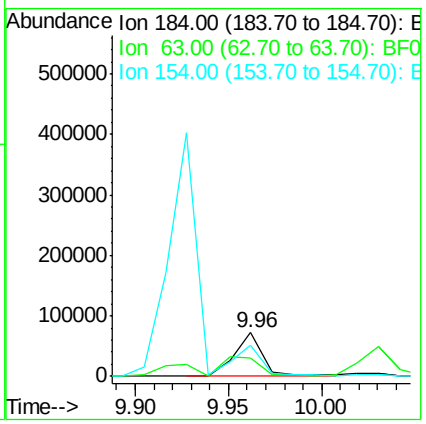


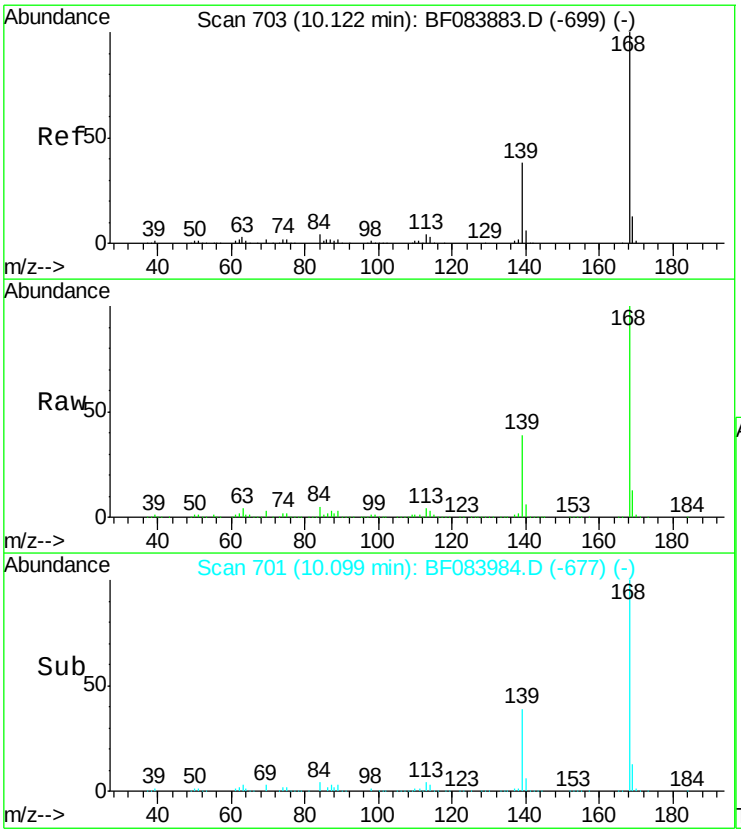
#53
2,4-Dinitrophenol
Concen: 82.34 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:184 Resp: 78579

Ion	Ratio	Lower	Upper
184	100		
63	41.4	43.1	64.7#
154	70.0	60.5	90.7

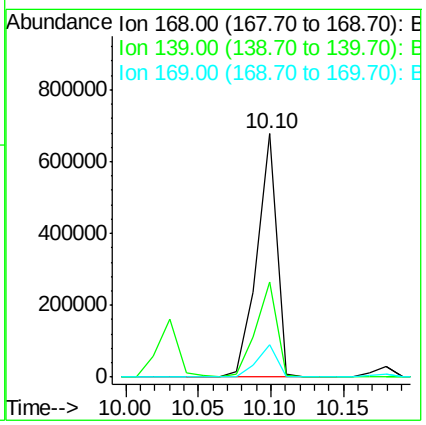


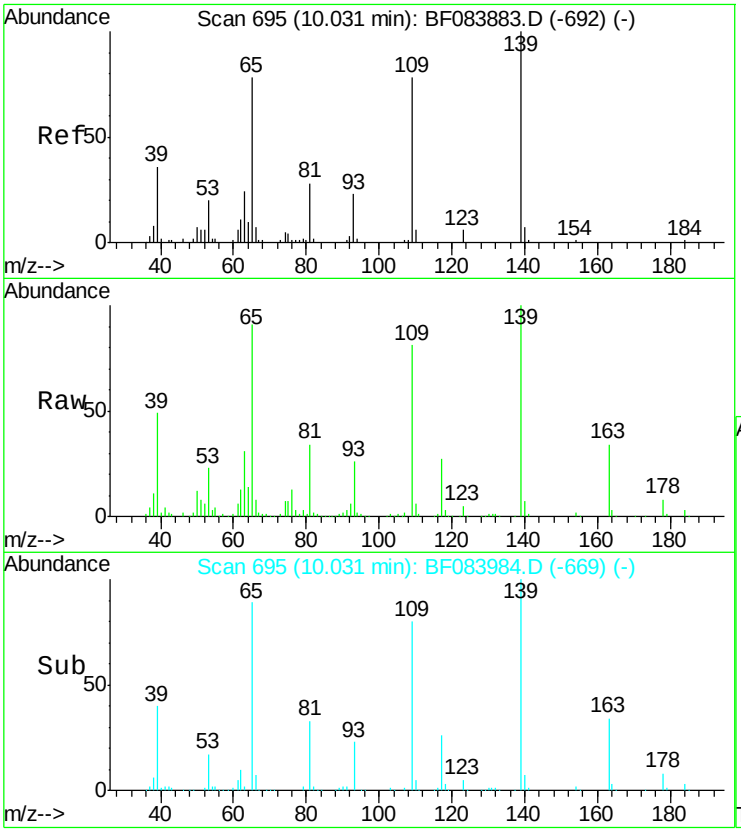


#54
Dibenzofuran
Concen: 48.00 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:168 Resp: 646161

Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.5	45.7
169	13.3	10.4	15.6



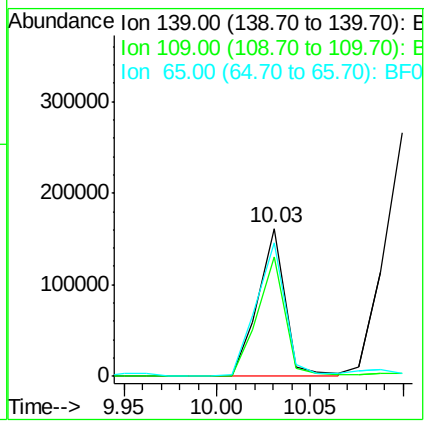


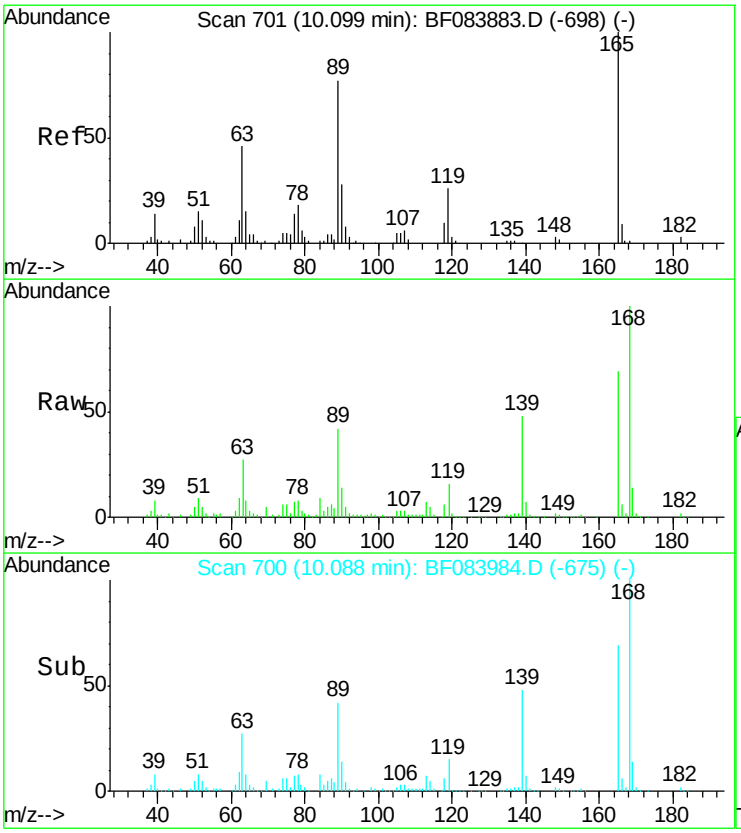
#55
4-Nitrophenol
Concen: 94.21 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:139 Resp: 164093

Ion	Ratio	Lower	Upper
139	100		
109	81.1	58.5	98.5
65	90.6	57.6	97.6

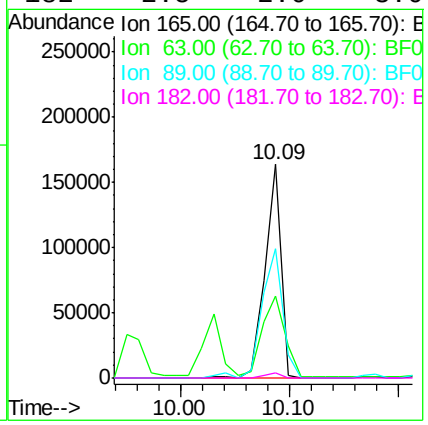


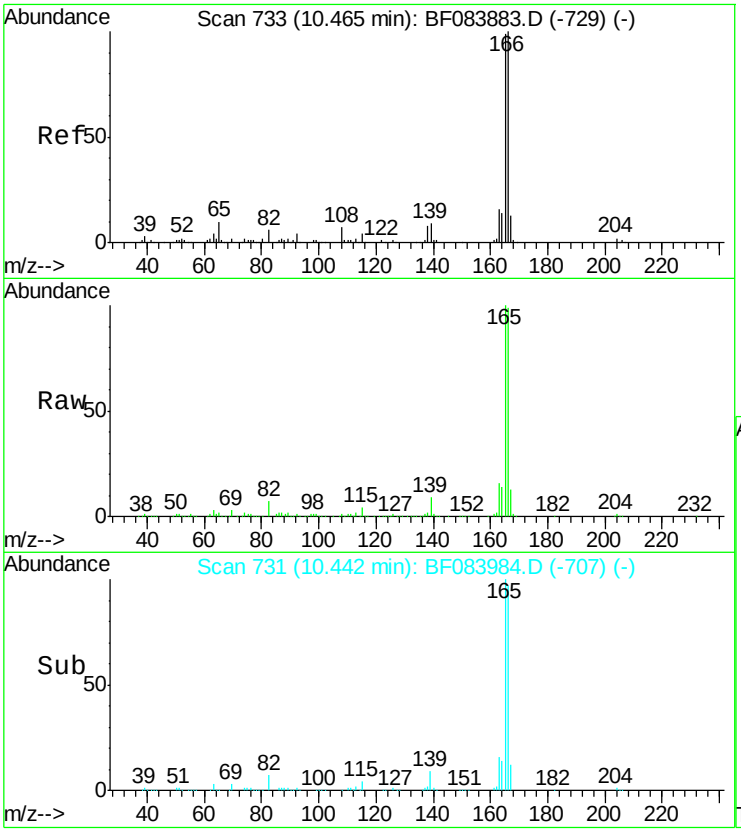


#56
2,4-Dinitrotoluene
Concen: 50.31 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:165 Resp: 170672

Ion	Ratio	Lower	Upper
165	100		
63	38.7	36.7	55.1
89	60.8	61.9	92.9#
182	2.5	2.0	3.0



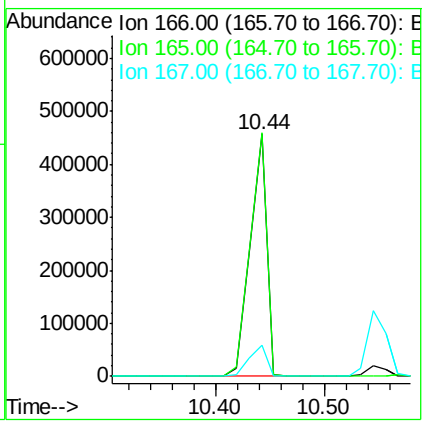


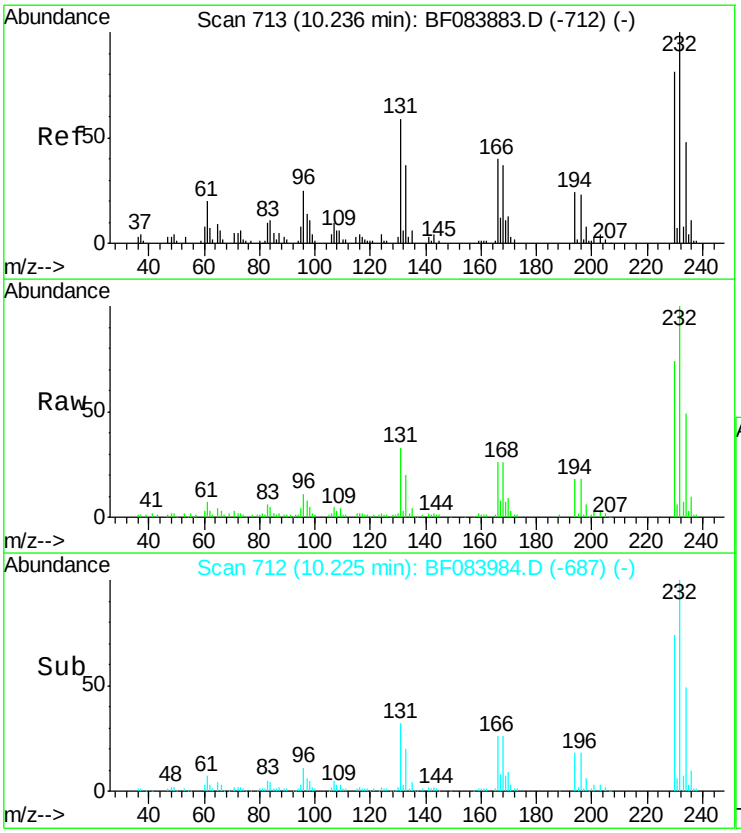
#57
Fluorene
Concen: 47.93 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:166 Resp: 488665

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.1	118.7
167	13.1	10.4	15.6

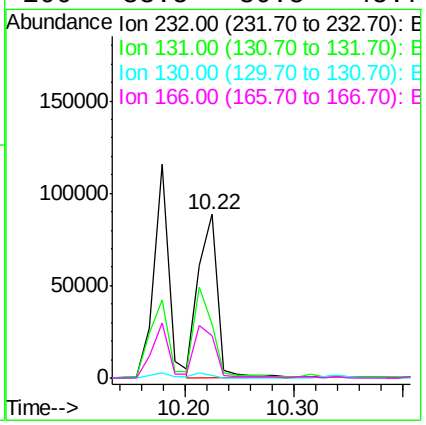


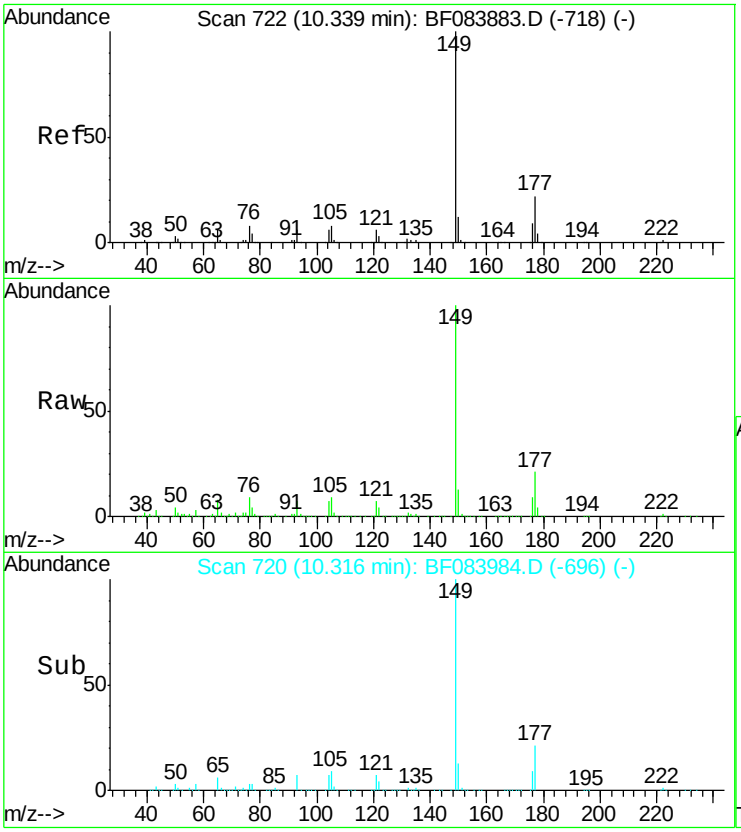


#58
2,3,4,6-Tetrachlorophenol
Concen: 49.38 ng
RT: 10.22 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:232 Resp: 108842

Ion	Ratio	Lower	Upper
232	100		
131	54.8	47.0	70.6
130	3.3	2.0	3.0#
166	33.5	30.5	45.7



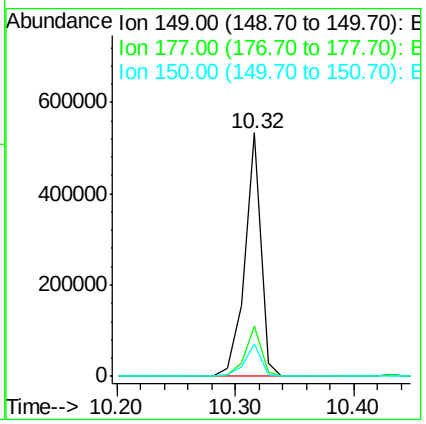


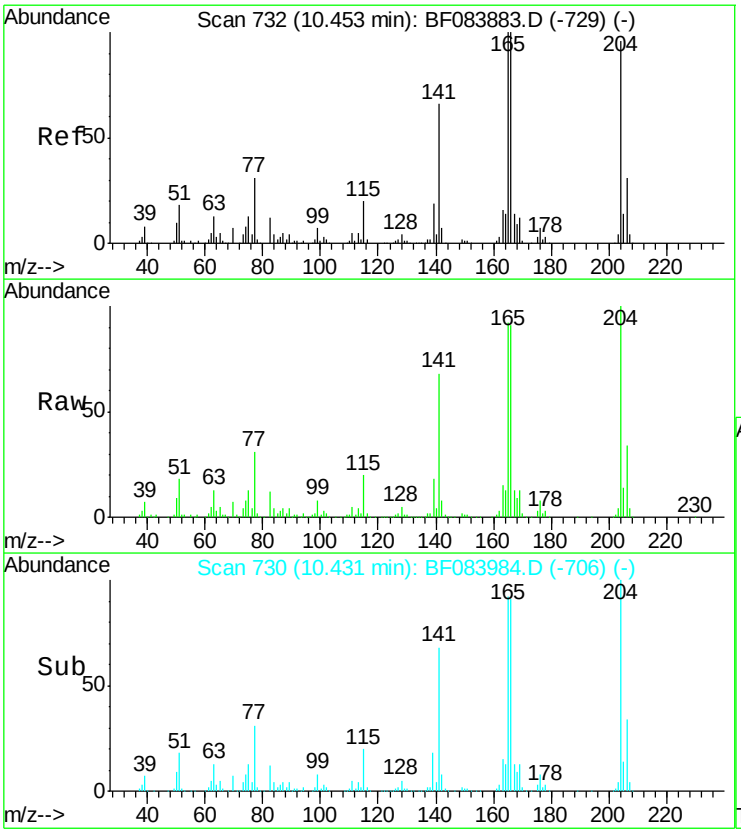
#59
Diethylphthalate
Concen: 40.53 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:149 Resp: 508369

Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.3	25.9
150	13.2	9.8	14.8

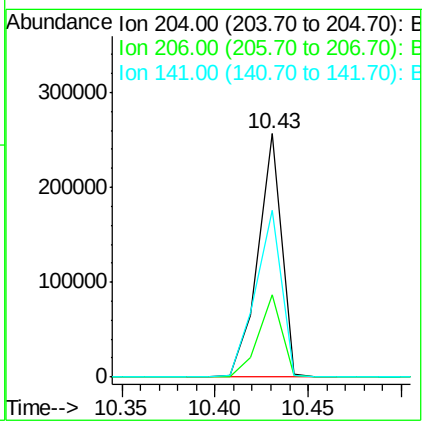


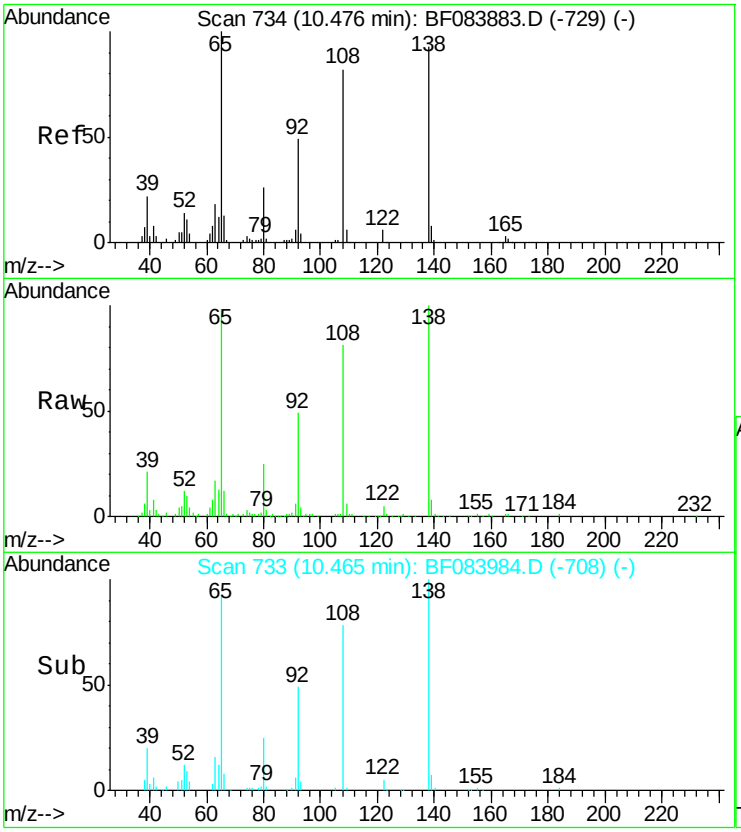


#60
4-Chlorophenyl-phenylether
Concen: 43.51 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:204 Resp: 224473

Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.7	38.5
141	68.4	55.1	82.7



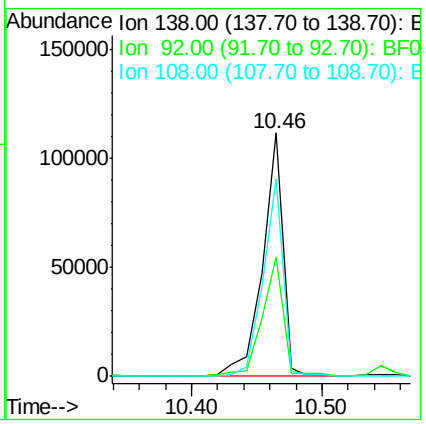


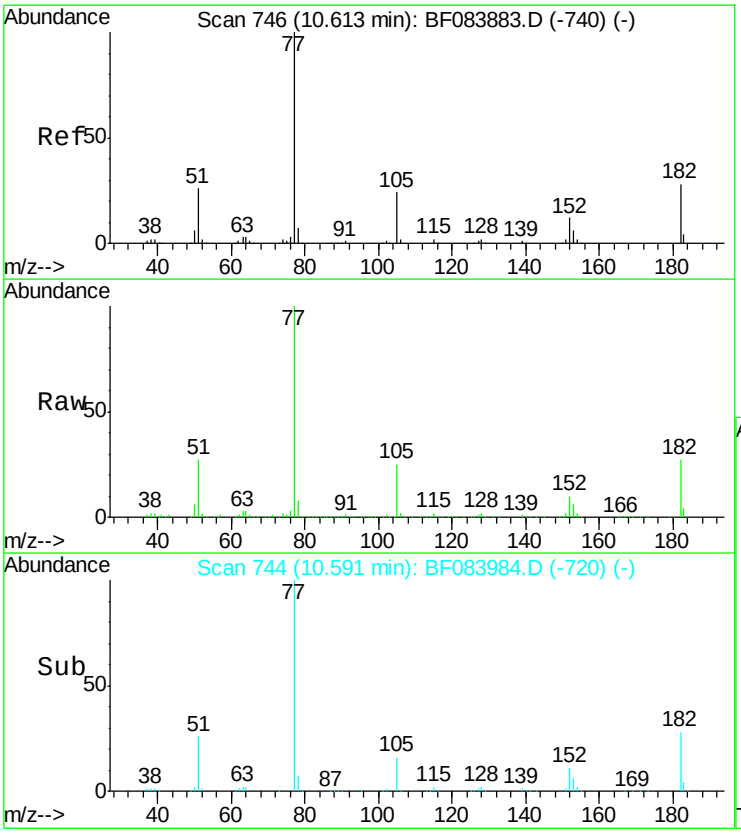
#61
4-Nitroaniline
Concen: 42.80 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:138 Resp: 123553

Ion	Ratio	Lower	Upper
138	100		
92	49.1	32.6	72.6
108	80.9	68.6	108.6

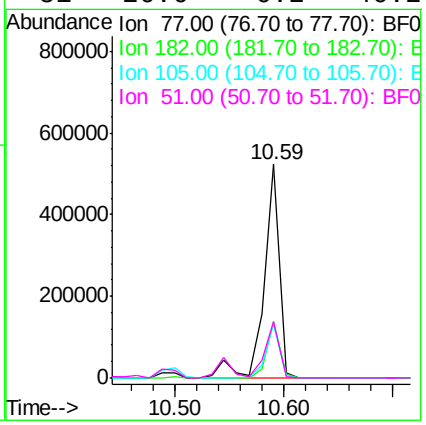


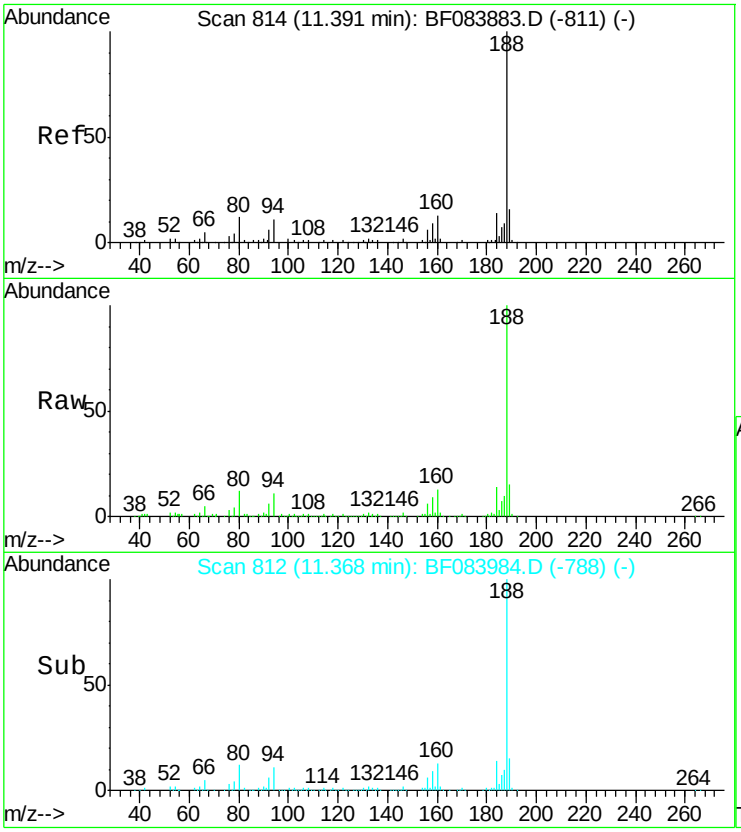


#62
Azobenzene
Concen: 49.63 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion: 77 Resp: 521779

Ion	Ratio	Lower	Upper
77	100		
182	26.5	8.3	48.3
105	25.1	4.6	44.6
51	26.6	6.2	46.2



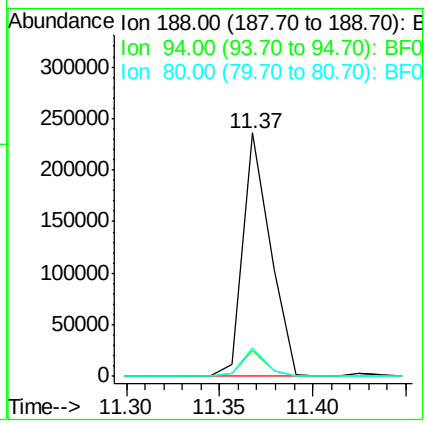


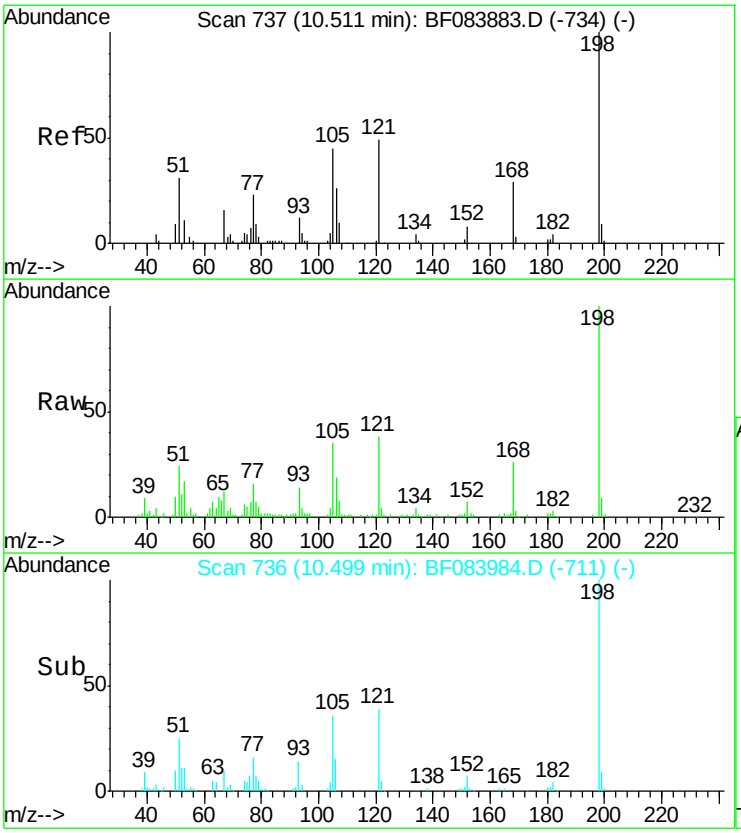
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:188 Resp: 241650

Ion	Ratio	Lower	Upper
188	100		
94	10.8	9.0	13.4
80	11.6	9.6	14.4

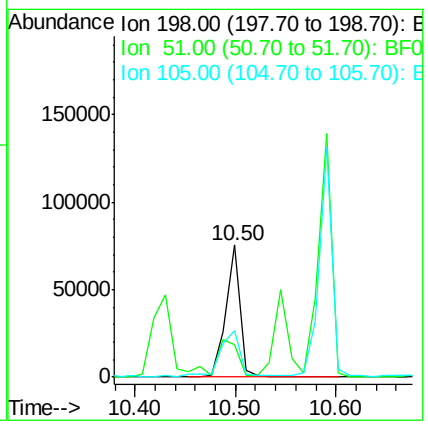


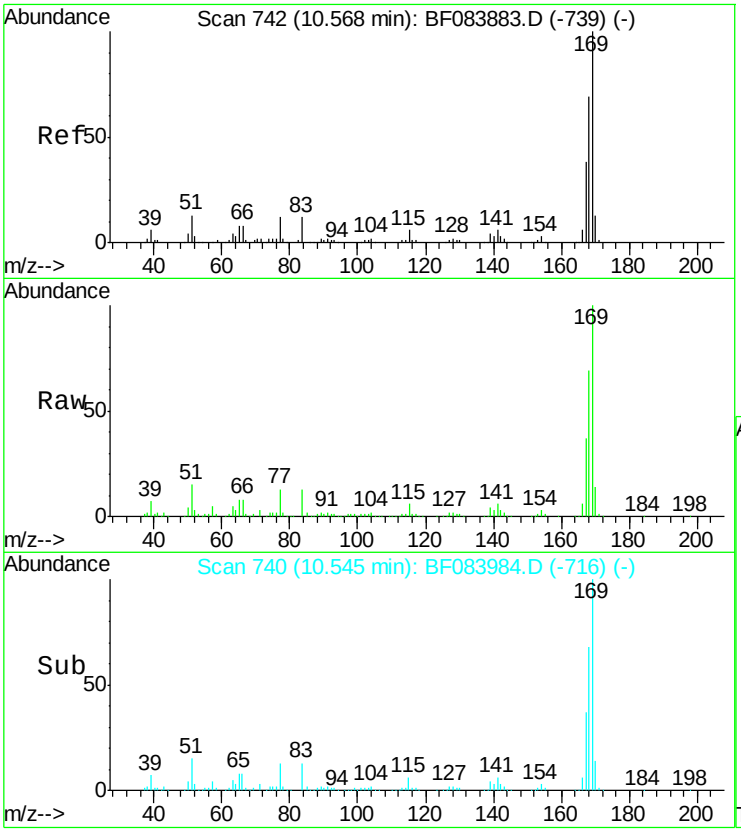


#64
4,6-Dinitro-2-methylphenol
Concen: 49.98 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:198 Resp: 74486

Ion	Ratio	Lower	Upper
198	100		
51	24.2	18.9	58.9
105	35.2	26.4	66.4



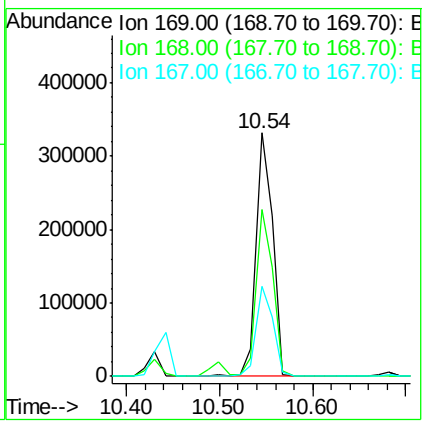


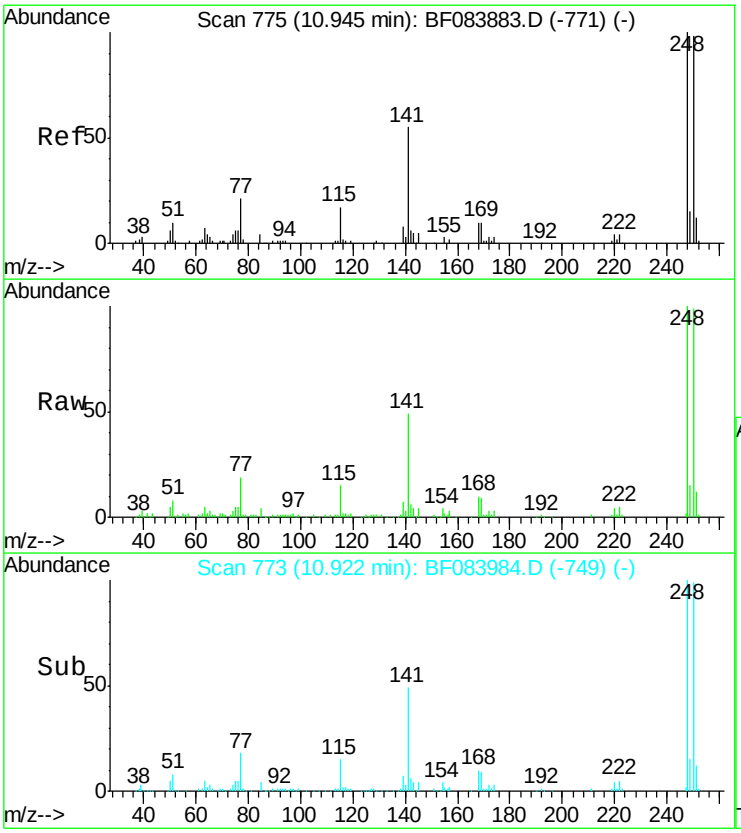
#65
n-Nitrosodiphenylamine
Concen: 46.75 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:169 Resp: 411120

Ion	Ratio	Lower	Upper
169	100		
168	68.5	55.1	82.7
167	37.2	30.0	45.0

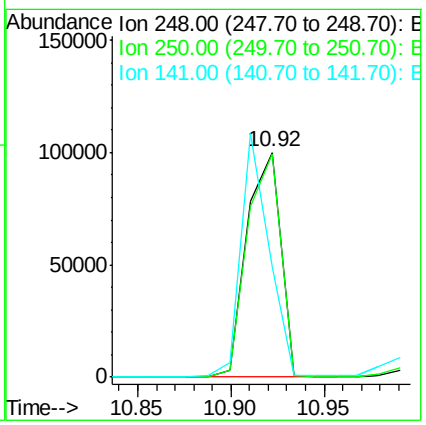


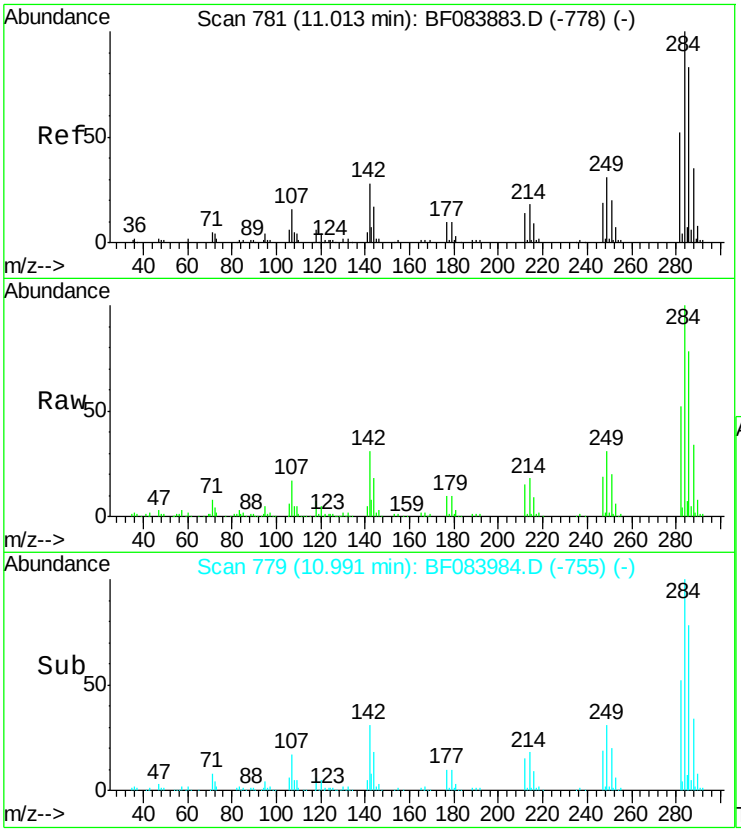


#66
4-Bromophenyl-phenylether
Concen: 42.37 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:248 Resp: 125186

Ion	Ratio	Lower	Upper
248	100		
250	99.4	78.4	117.6
141	49.4	44.0	66.0



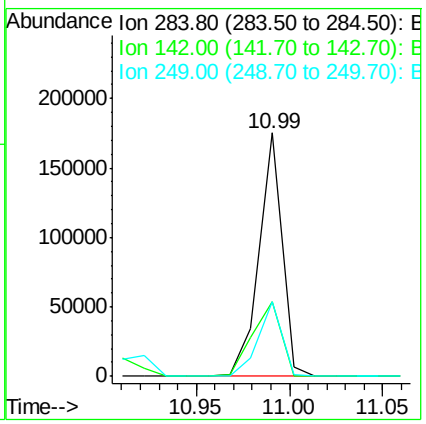


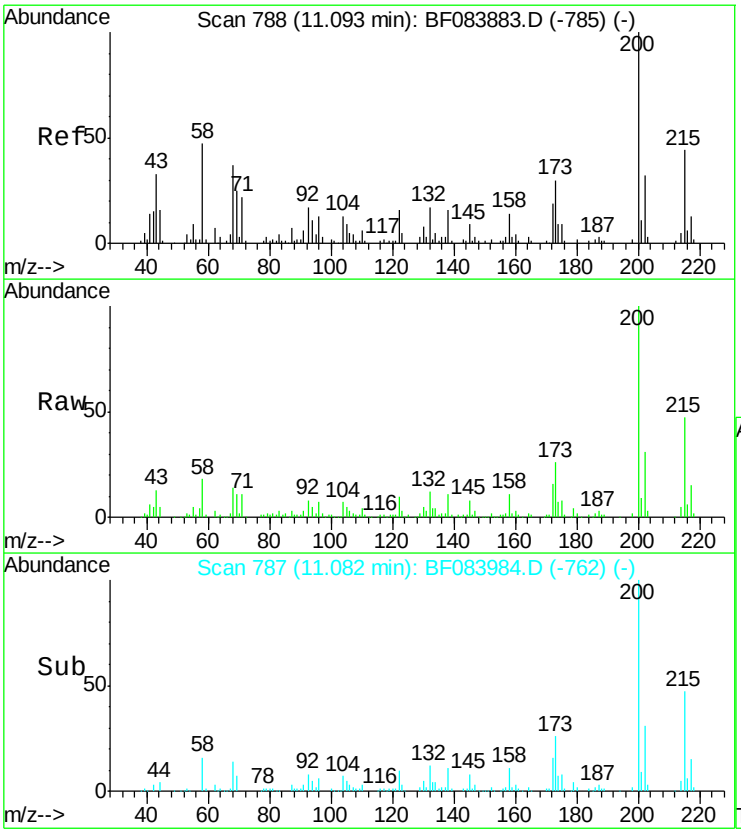
#67
Hexachlorobenzene
Concen: 47.89 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:284 Resp: 148975

Ion	Ratio	Lower	Upper
284	100		
142	30.9	22.2	33.4
249	30.6	24.6	37.0

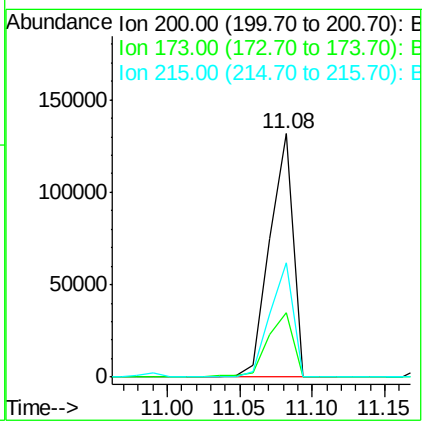


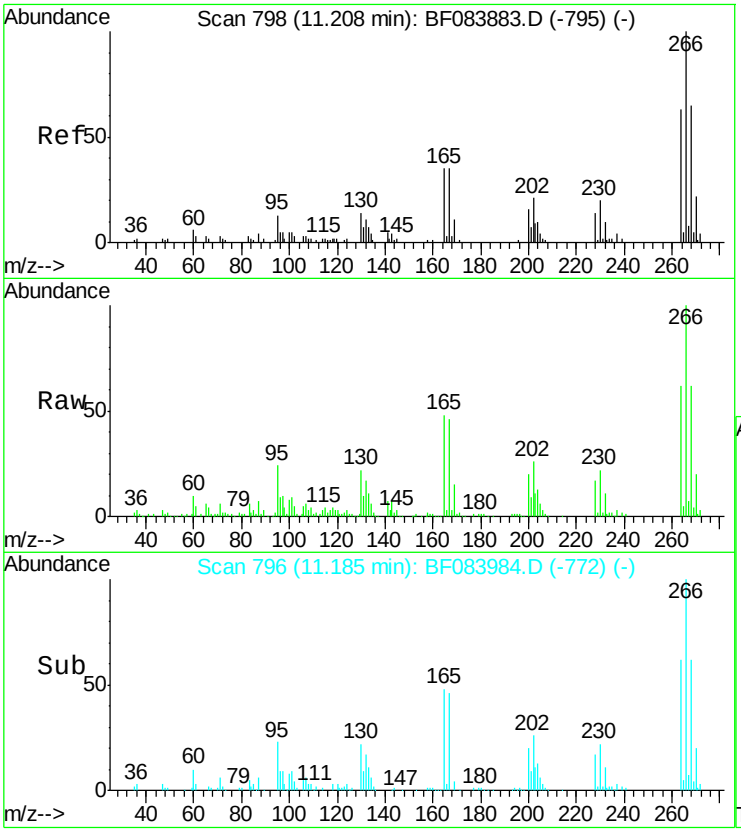


#68
Atrazine
Concen: 52.95 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:200 Resp: 147514

Ion	Ratio	Lower	Upper
200	100		
173	26.5	9.5	49.5
215	46.8	23.8	63.8



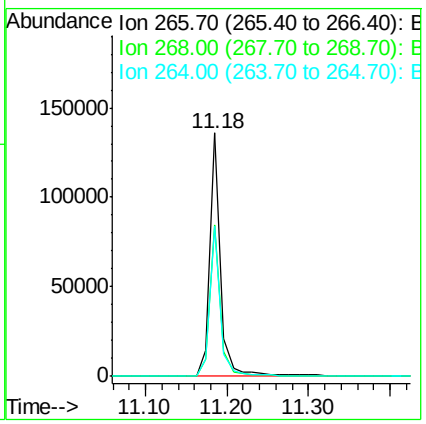


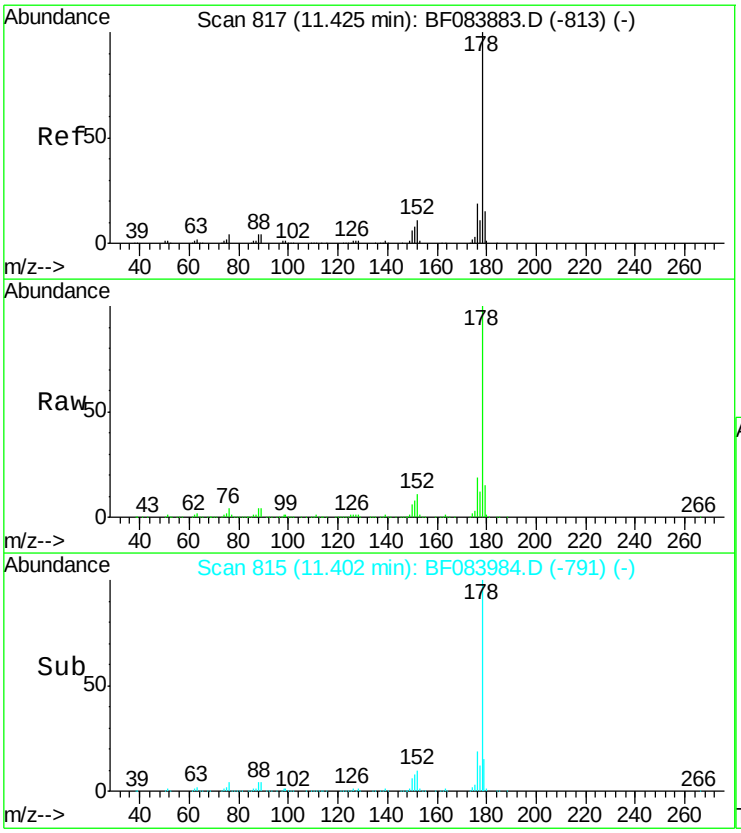
#69
Pentachlorophenol
Concen: 96.95 ng
RT: 11.18 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:266 Resp: 129377

Ion	Ratio	Lower	Upper
266	100		
268	62.0	52.4	78.6
264	61.7	50.2	75.2

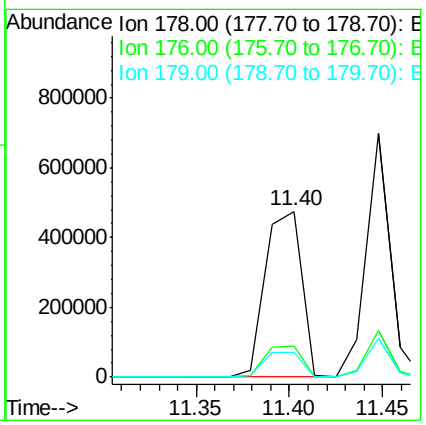


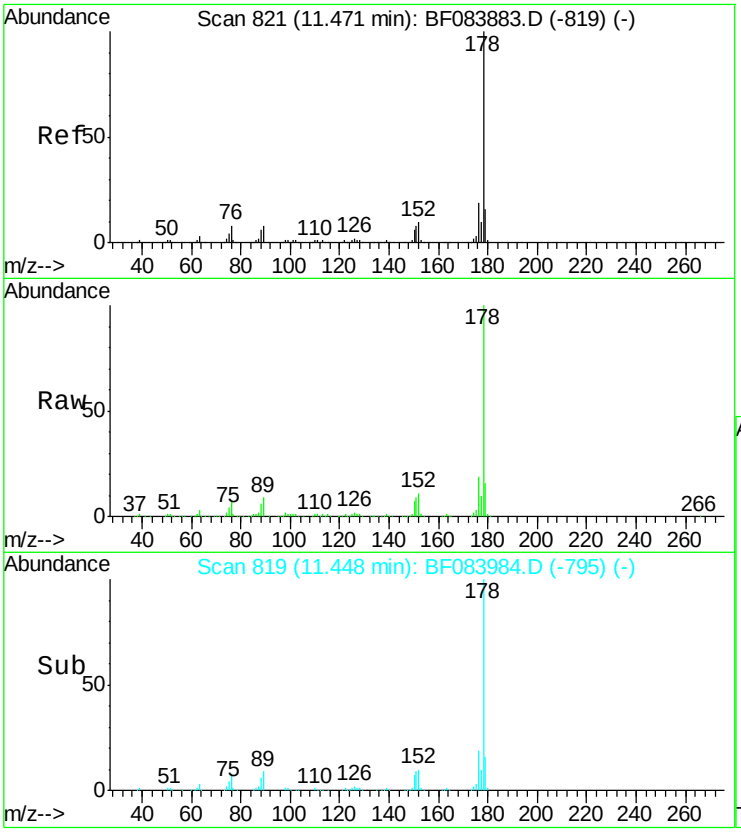


#70
Phenanthrene
Concen: 44.22 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:178 Resp: 645555

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.2	12.0	18.0



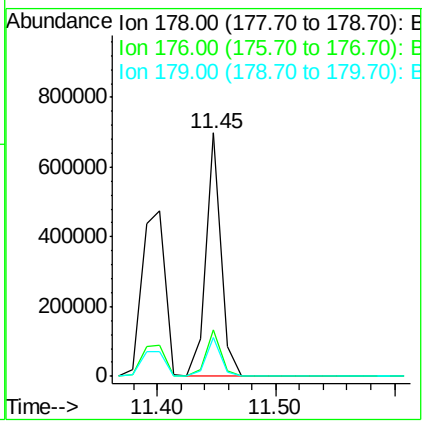


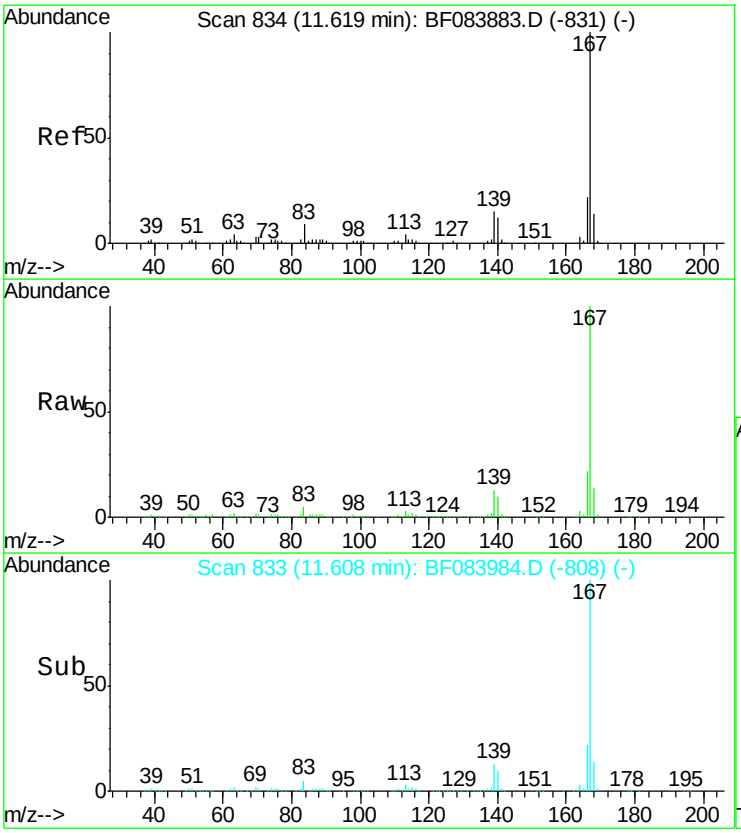
#71
Anthracene
Concen: 43.62 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:178 Resp: 615610

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	16.0	12.5	18.7

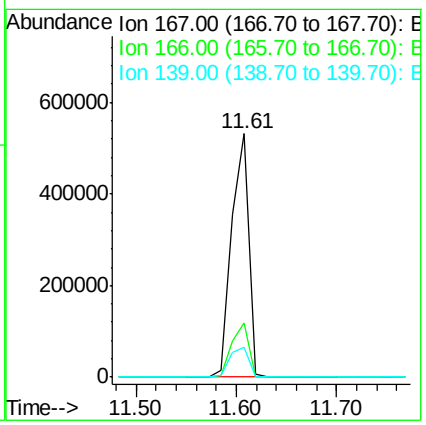


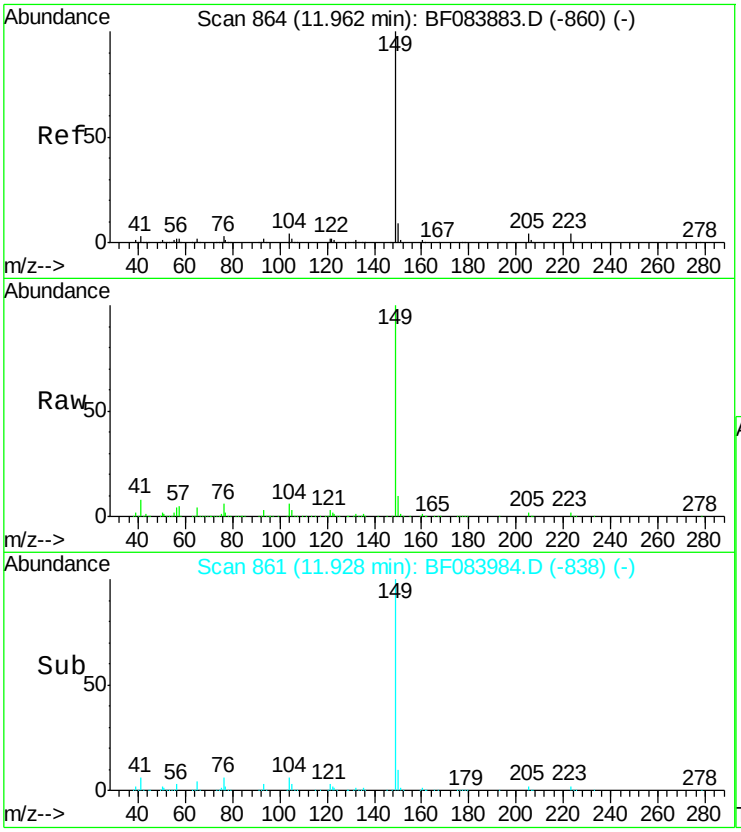


#72
Carbazole
Concen: 45.12 ng
RT: 11.61 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:167 Resp: 629189

Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.5	11.8	17.8



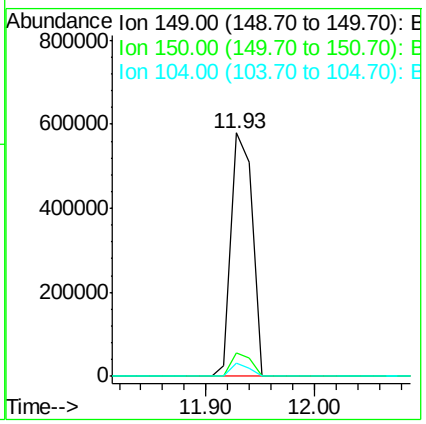


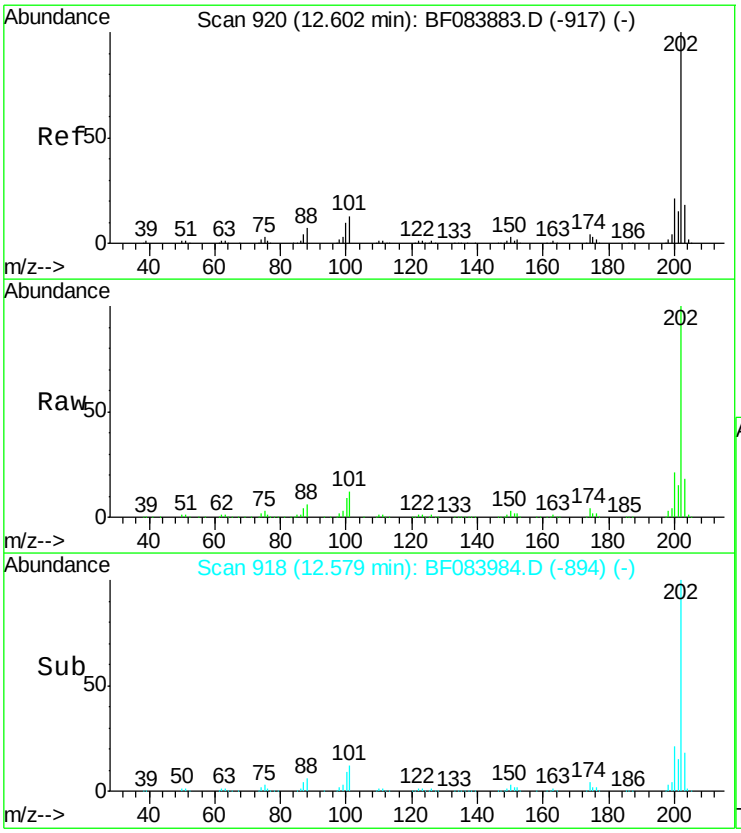
#73
Di-n-butylphthalate
Concen: 46.90 ng
RT: 11.93 min Scan# 861
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:149 Resp: 768416

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.1	10.7
104	5.6	3.2	4.8#

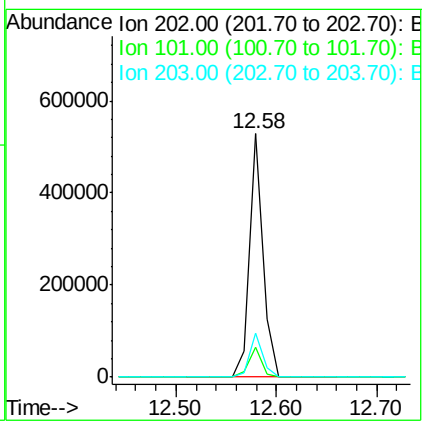


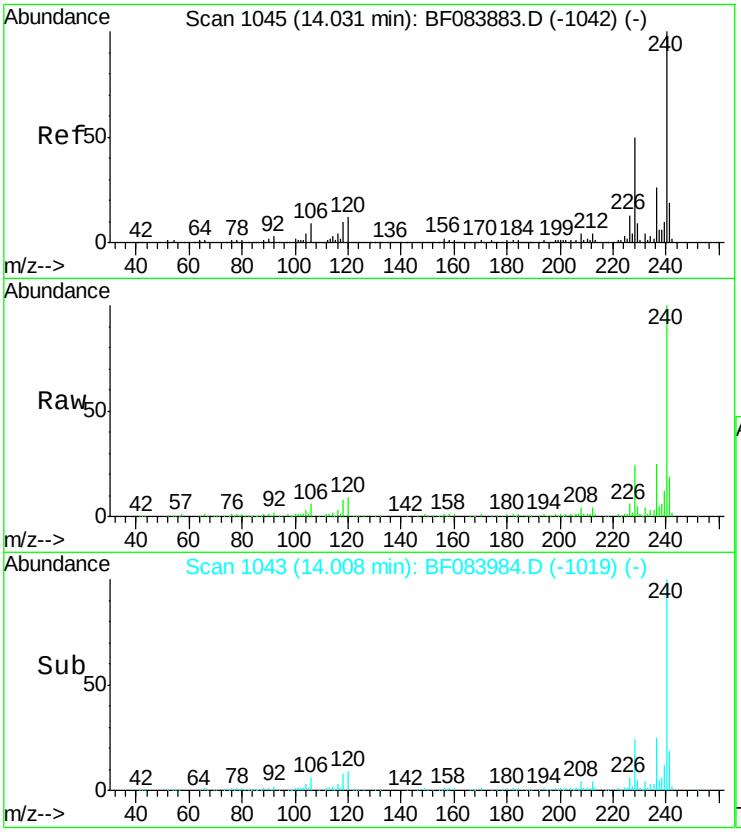


#74
Fluoranthene
Concen: 33.81 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:202 Resp: 492563

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.8
203	18.0	0.0	37.9



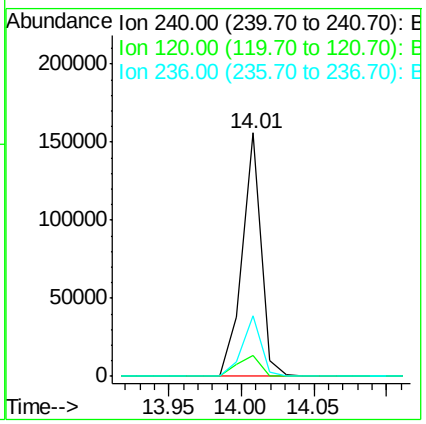


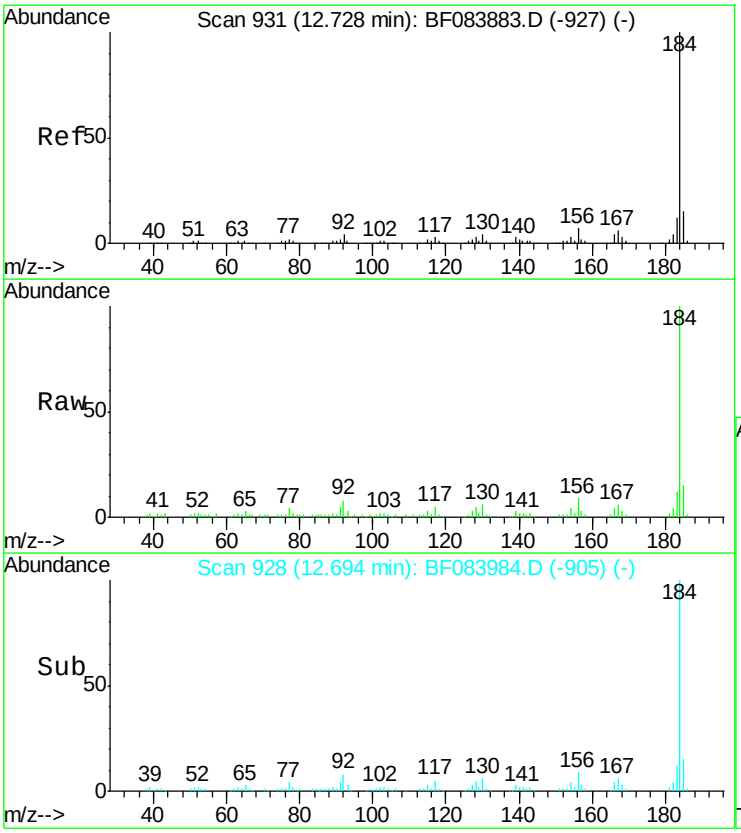
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:240 Resp: 140800

Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	24.8	20.6	31.0

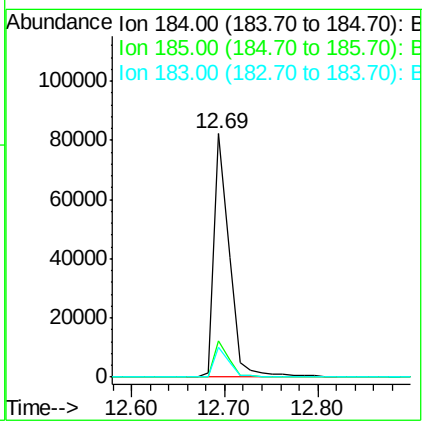


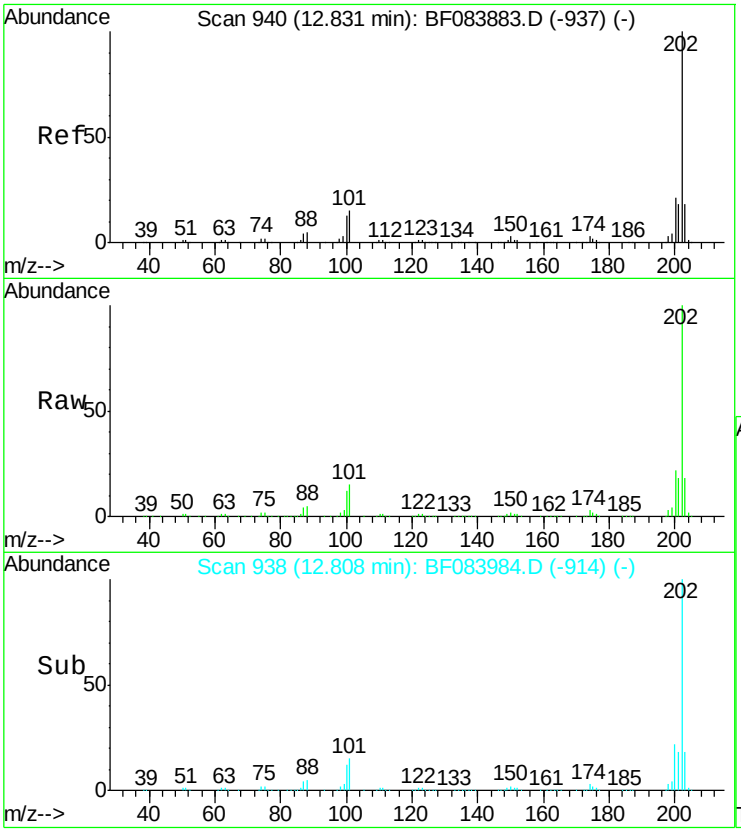


#76
Benzidine
Concen: 16.60 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:184 Resp: 93571

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.2	18.2
183	12.2	9.8	14.8



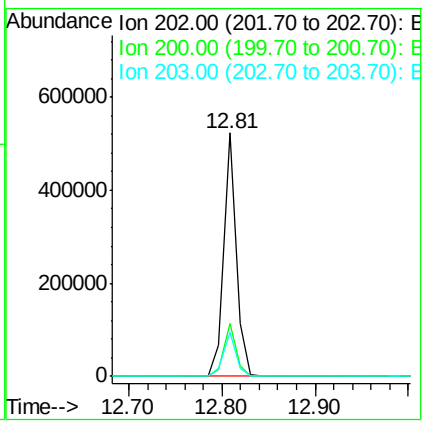


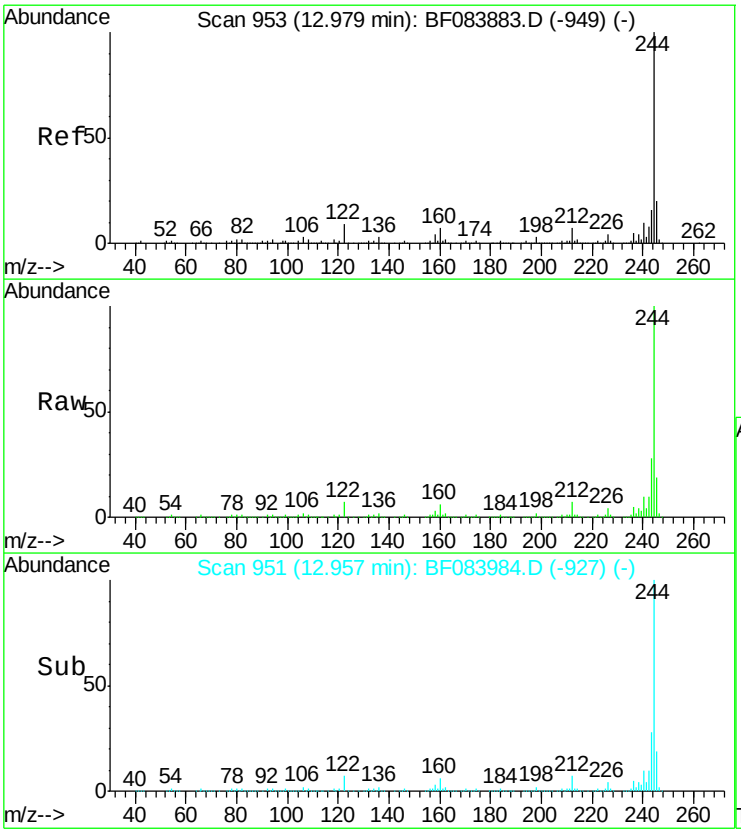
#77
Pyrene
Concen: 52.81 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:202 Resp: 486431

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	18.0	14.3	21.5

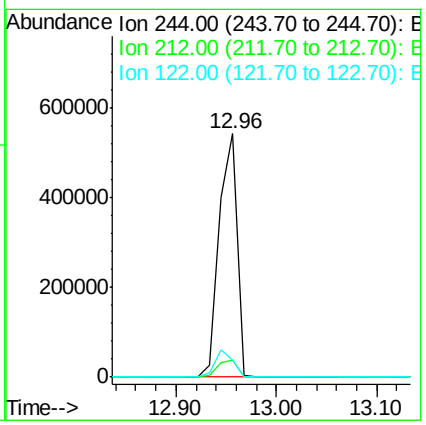


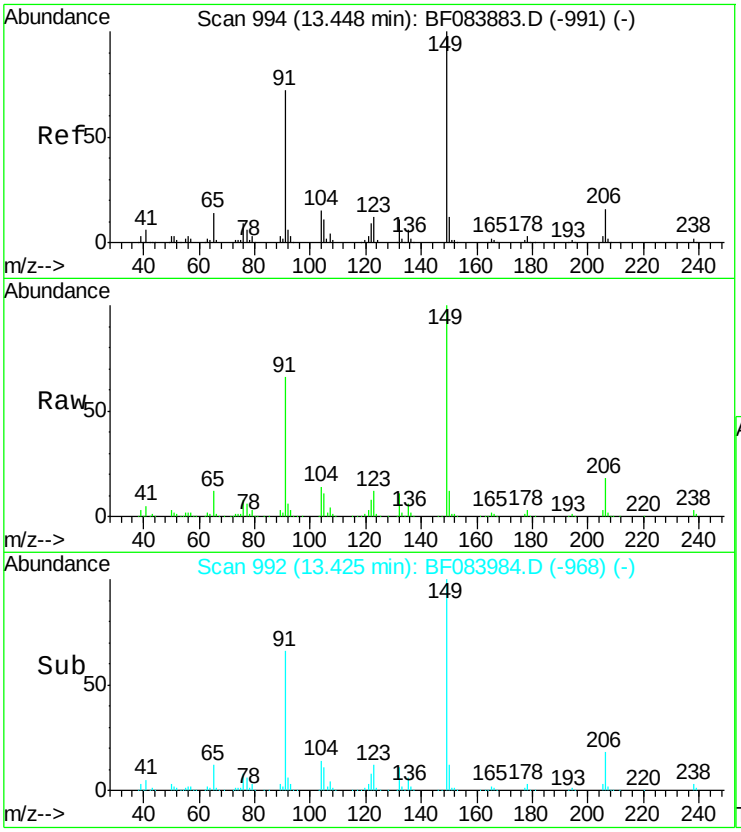


#78
Terphenyl-d14
Concen: 113.55 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:244 Resp: 671125

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	6.7	7.4	11.0#



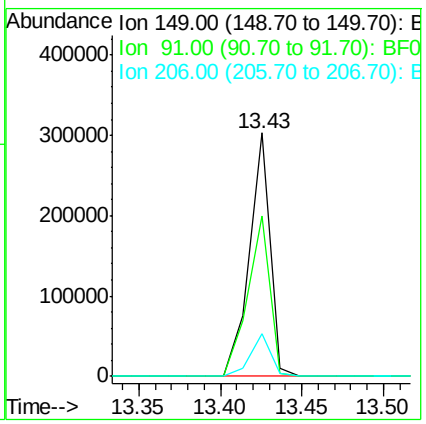


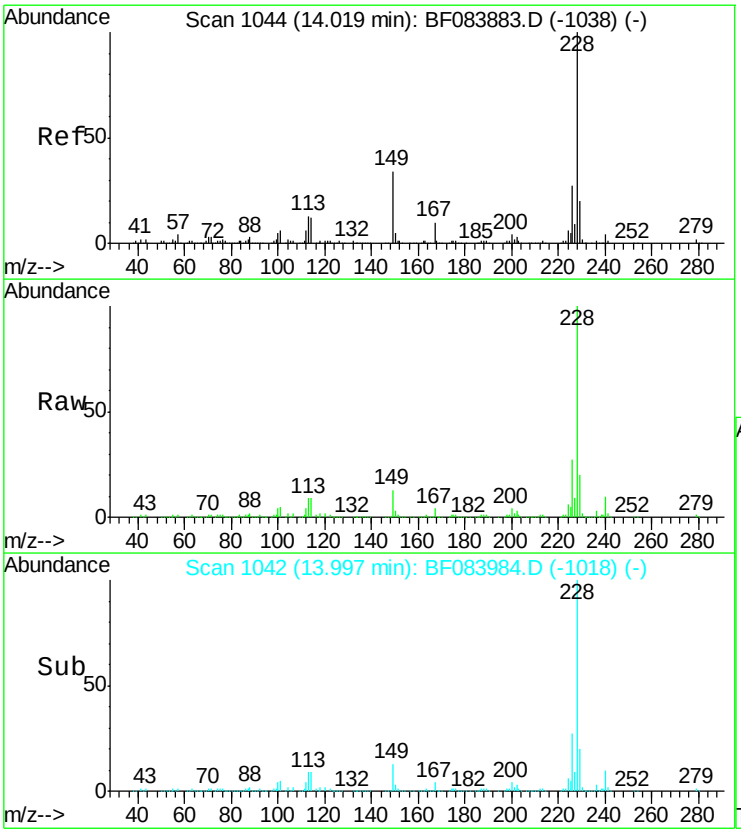
#79
Butylbenzylphthalate
Concen: 56.97 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:149 Resp: 267002

Ion	Ratio	Lower	Upper
149	100		
91	66.0	57.6	86.4
206	17.6	13.2	19.8

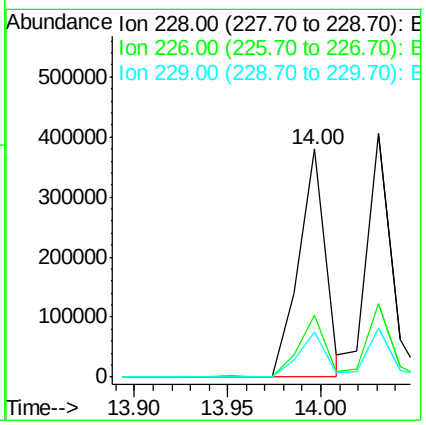


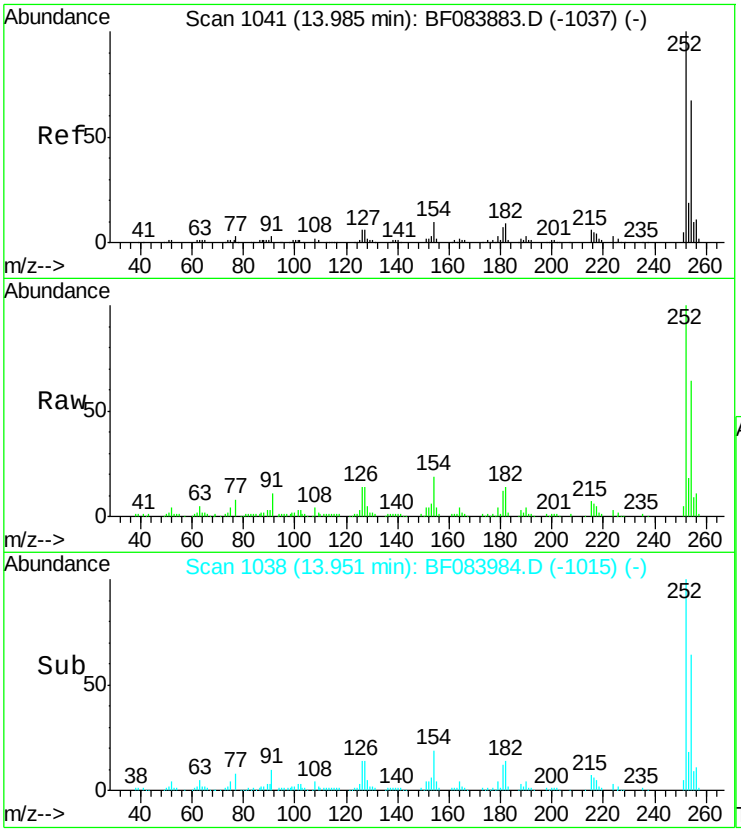


#80
Benzo(a)anthracene
Concen: 44.20 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:228 Resp: 382644

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.6
229	19.7	15.8	23.8



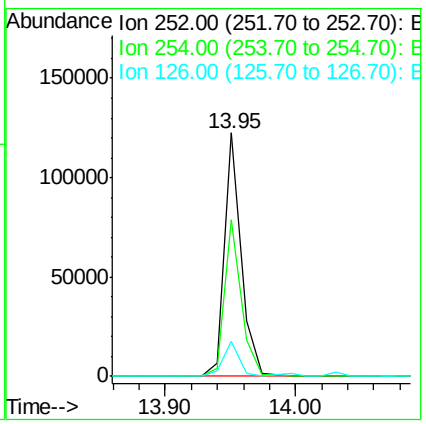


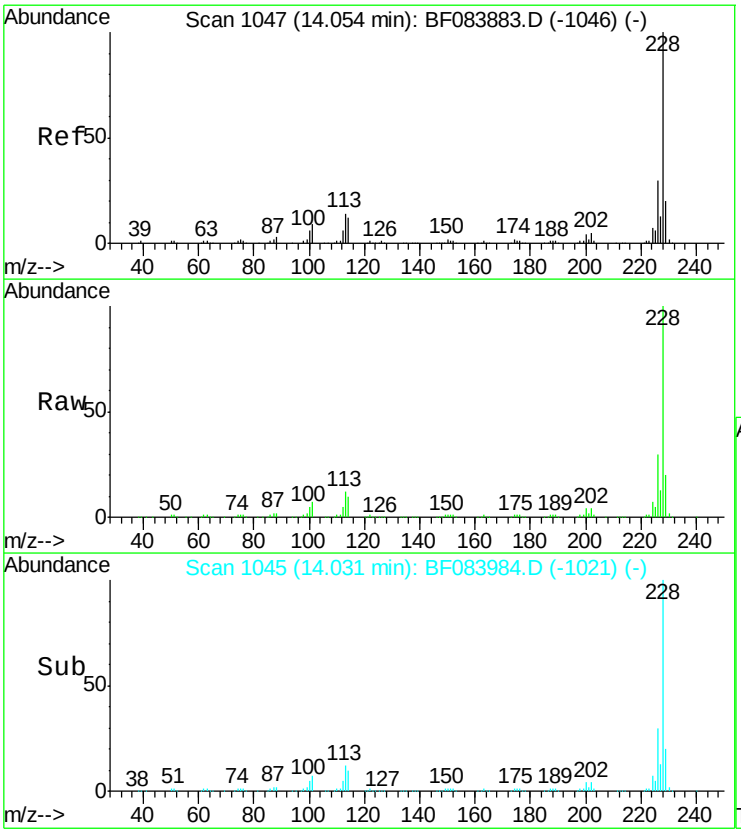
#81
3,3'-Dichlorobenzidine
Concen: 33.96 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:252 Resp: 109863

Ion	Ratio	Lower	Upper
252	100		
254	64.4	53.5	80.3
126	14.2	4.9	7.3#

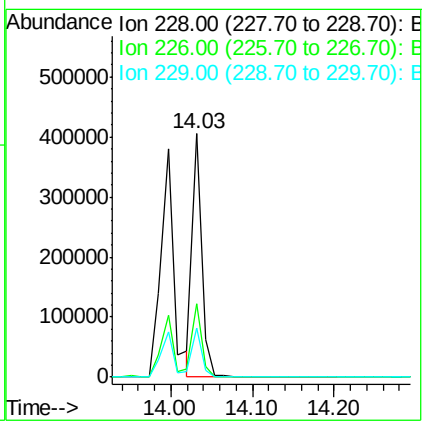


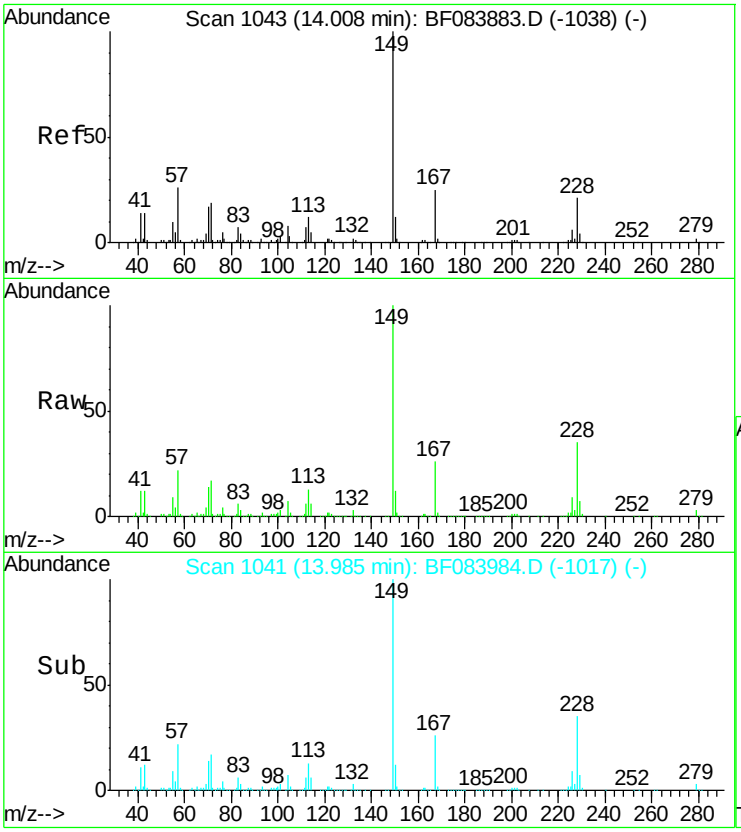


#82
Chrysene
Concen: 39.29 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:228 Resp: 328579

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.3	36.5
229	20.2	16.1	24.1



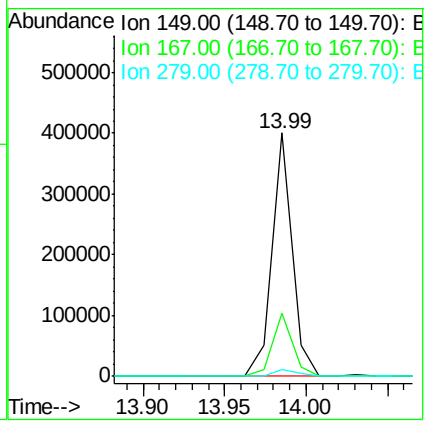


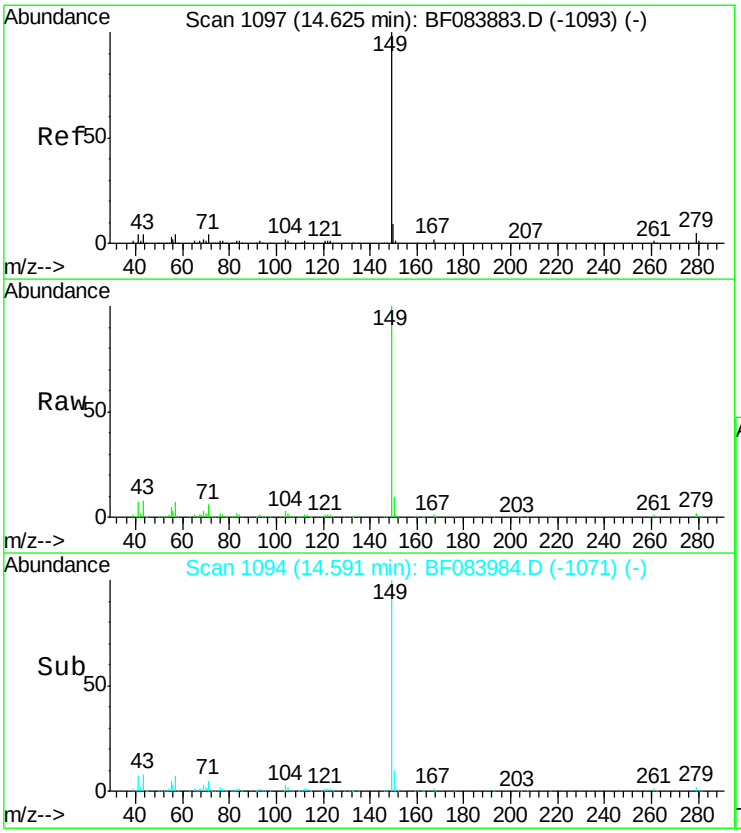
#83
Bis(2-ethylhexyl)phthalate
Concen: 55.58 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:149 Resp: 347808

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.7	29.5
279	2.9	1.8	2.6#

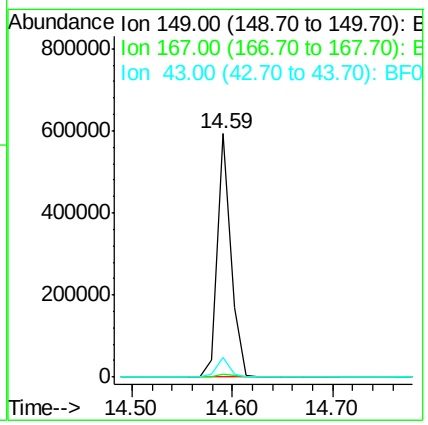


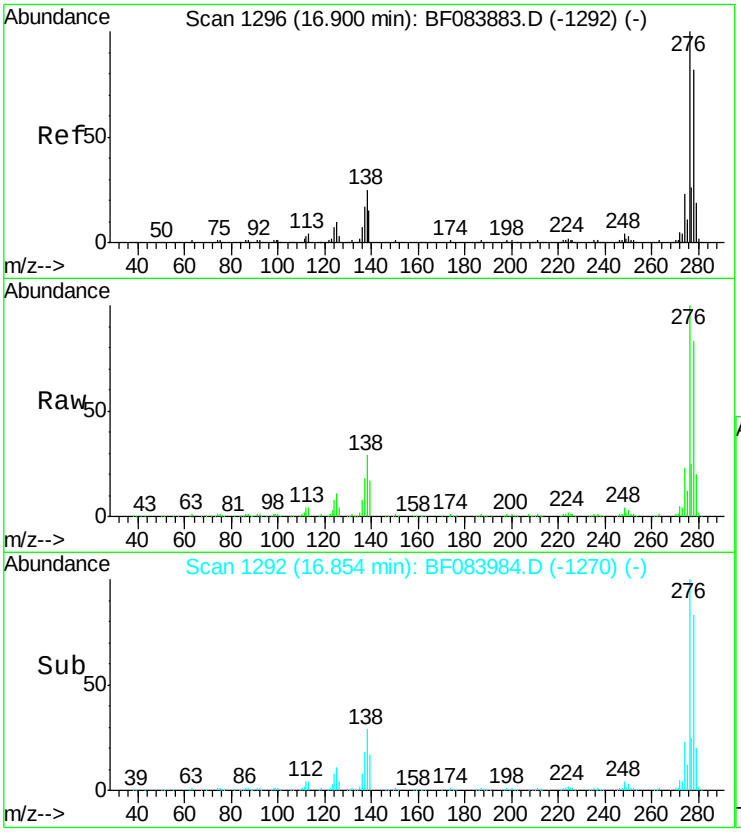


#84
Di-n-octyl phthalate
Concen: 56.94 ng
RT: 14.59 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:149 Resp: 557565

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	5.6	8.4



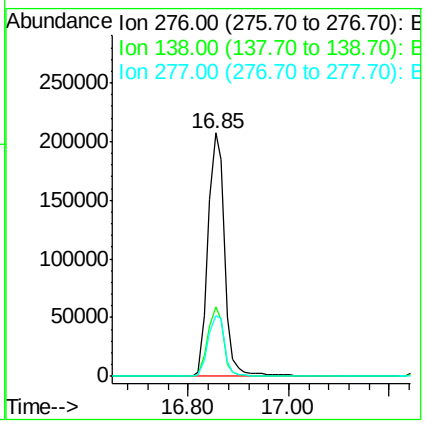


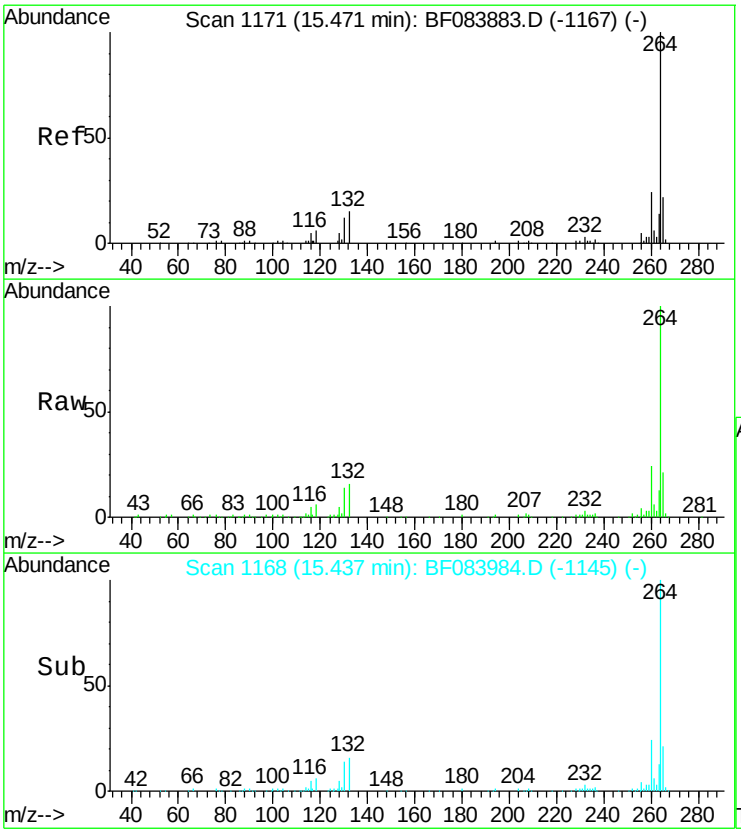
#85
Indeno(1,2,3-cd)pyrene
Concen: 75.95 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.05 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:276 Resp: 474935

Ion	Ratio	Lower	Upper
276	100		
138	27.4	20.6	30.8
277	25.3	20.1	30.1

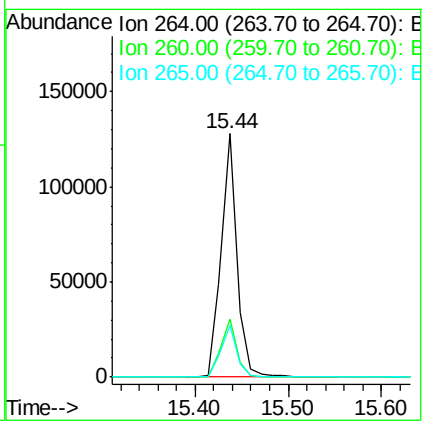


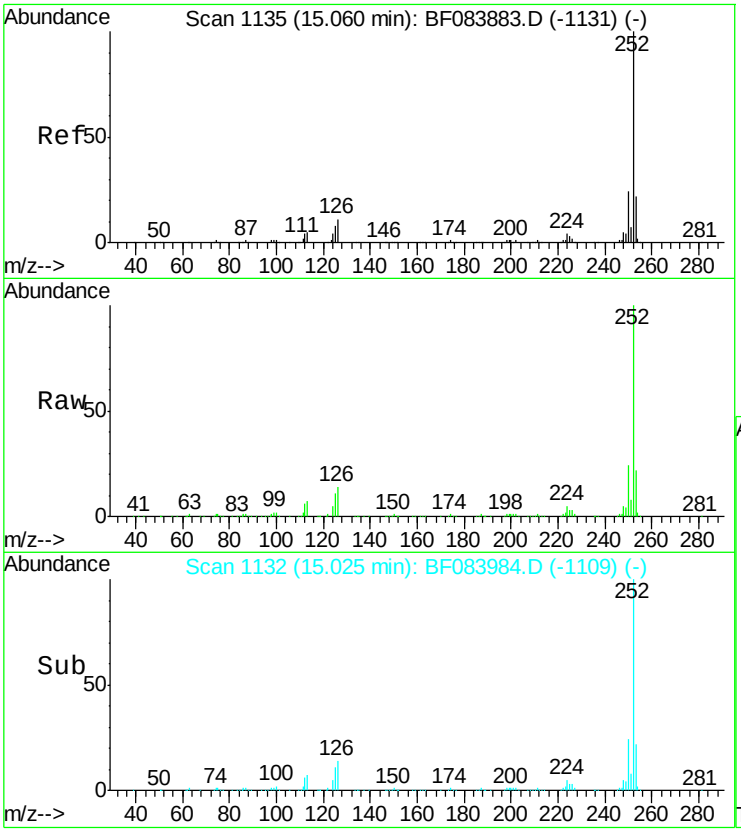


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:264 Resp: 150411

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.5	17.8	26.6



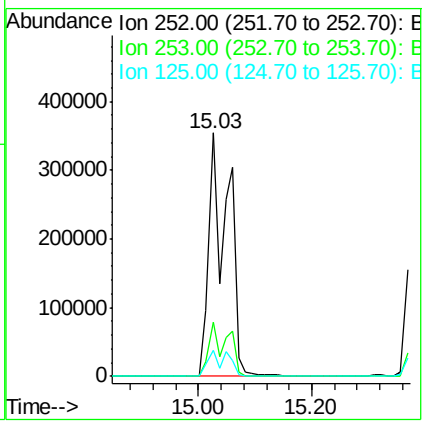


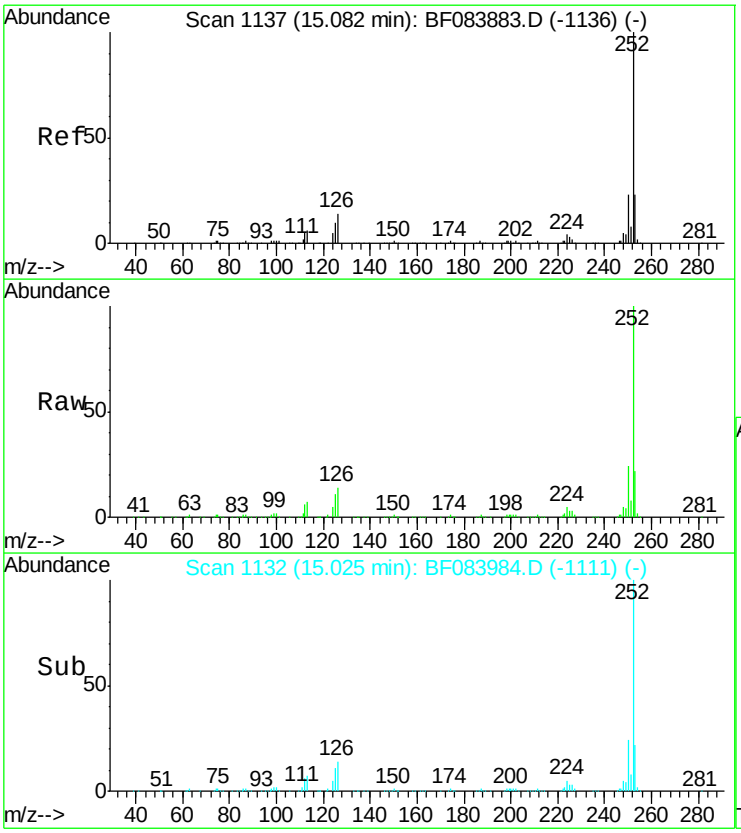
#87
Benzo(b)fluoranthene
Concen: 74.80 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:252 Resp: 820262

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	10.8	6.5	9.7#

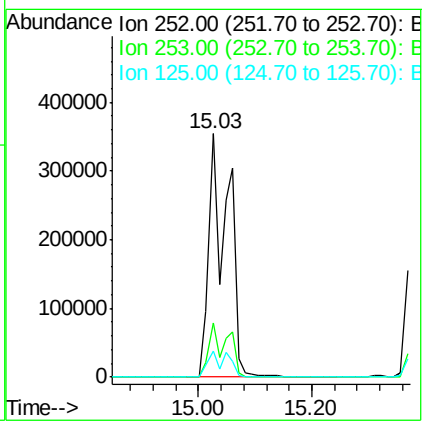


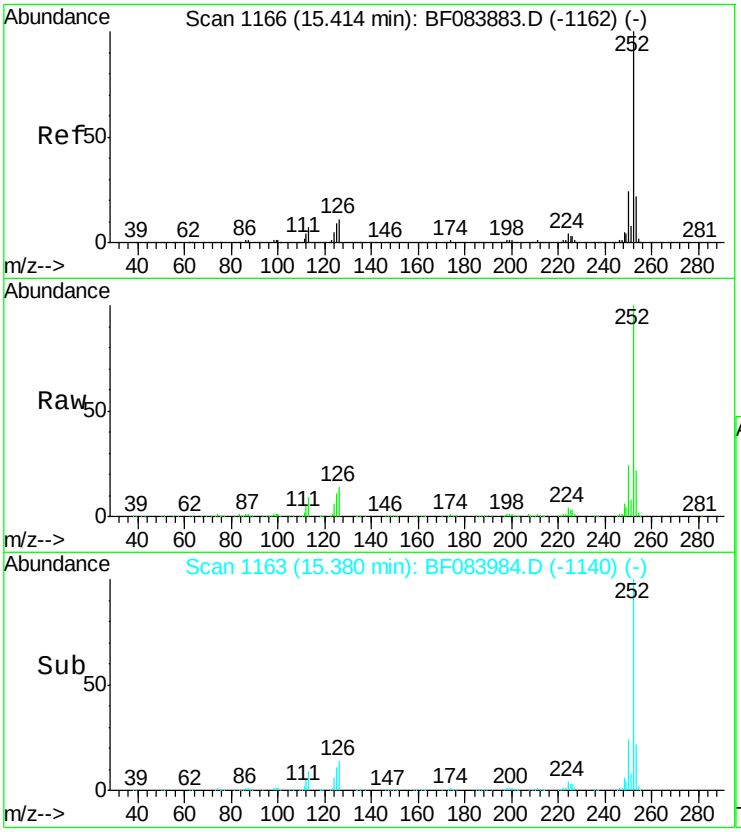


#88
Benzo(k)fluoranthene
Concen: 90.67 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.06 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:252 Resp: 820262

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.8	9.0	13.6



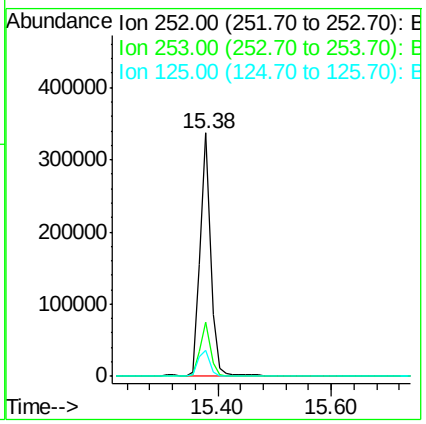


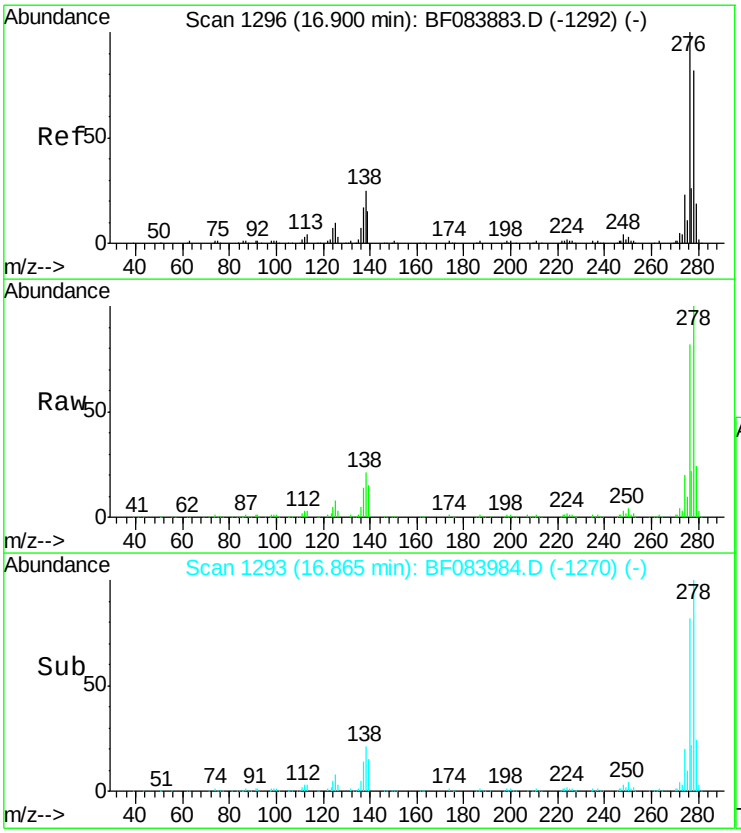
#89
Benzo(a)pyrene
Concen: 46.50 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:252 Resp: 421096

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.9	7.0	10.4#

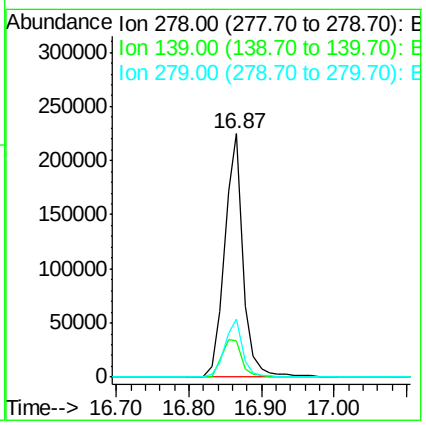


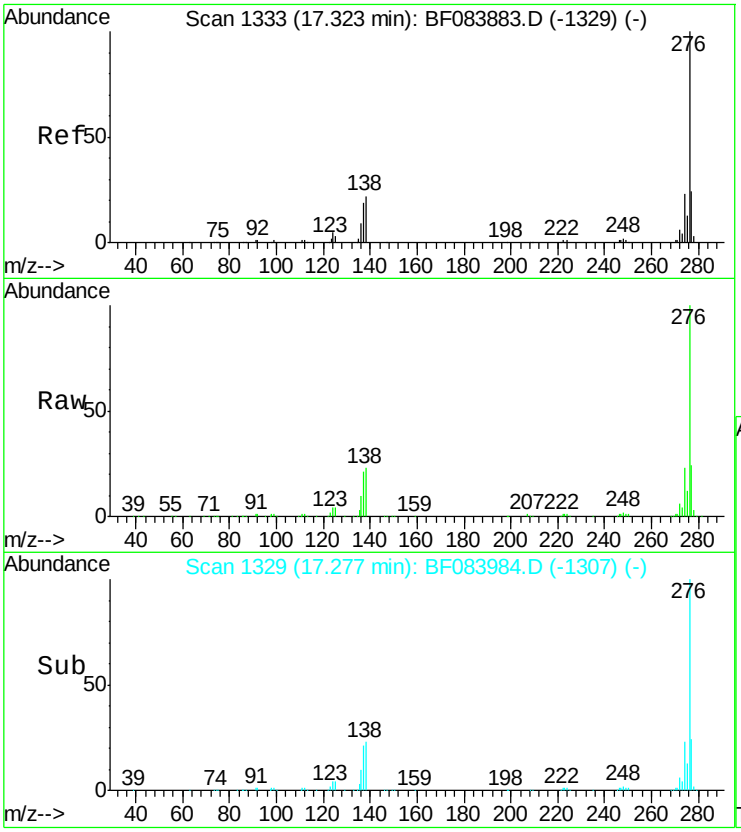


#90
Dibenzo(a,h)anthracene
Concen: 56.17 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Tgt Ion:278 Resp: 395718

Ion	Ratio	Lower	Upper
278	100		
139	14.9	15.0	22.4#
279	23.7	18.9	28.3





#91
Benzo(g,h,i)perylene
Concen: 58.52 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.05 min
Lab File: BF083984.D
Acq: 20 Dec 2015 7:17

Instrument :
BNA_F
ClientSampleId :
UST-8MSD

Tgt Ion:276 Resp: 403999

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	23.3	17.8	26.6