Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089662.D
Acq On : 8 Aug 2016 15:27
Operator : UM/SJ
Sample : H4351-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-4

Quant Time: Aug 09 02:29:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	45280	20.00	ng		-0.03
21) Naphthalene-d8	9.45	136	190390	20.00	ng		-0.02
38) Acenaphthene-d10	12.26	164	91814	20.00	ng		-0.03
63) Phenanthrene-d10	14.66	188	177740	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	142528	20.00	ng		-0.02
86) Perylene-d12	20.02	264	101479	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	377003	139.55	ng		0.00
7) Phenol-d6	6.97	99	508947	138.87	ng		-0.01
23) Nitrobenzene-d5	8.33	82	305960	88.89	ng		-0.03
41) 2,4,6-Tribromophenol	13.57	330	98594	130.13	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	581177	82.27	ng		-0.02
78) Terphenyl-d14	17.04	244	528635	73.22	ng		-0.01
Target Compounds							Qvalue
6) Aniline	7.07	93	305	0.06	ng	#	1
10) Phenol	6.98	94	7854	2.09	ng	#	21
11) bis(2-Chloroethyl)ether	7.07	93	305	0.09	ng	#	1
15) Benzyl Alcohol	7.66	79	5027	2.09	ng	#	48
19) n-Nitroso-di-n-propylamine	8.26	70	4185	1.58	ng	#	66
24) Nitrobenzene	8.33	77	726	0.22	ng	#	42
37) 2-Methylnaphthalene	10.51	142	233	0.04	ng	#	1
45) 1,1'-Biphenyl	11.23	154	869	0.10	ng	#	1
49) Dimethylphthalate	11.92	163	141198	19.62	ng		100
50) 2,6-Dinitrotoluene	11.97	165	614	0.43	ng	#	24
59) Diethylphthalate	13.06	149	4259	0.57	ng	#	88
62) Azobenzene	13.55	77	617	0.09	ng	#	1
65) n-Nitrosodiphenylamine	13.55	169	3886	0.65	ng	#	39
73) Di-n-butylphthalate	15.66	149	14671	1.26	ng		99
79) Butylbenzylphthalate	17.69	149	621	0.12	ng	#	52
83) Bis(2-ethylhexyl)phthalate	18.45	149	27031	3.64	ng		100
84) Di-n-octyl phthalate	19.27	149	88077	8.24	ng	#	54

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089662.D
Acq On : 8 Aug 2016 15:27
Operator : UM/SJ
Sample : H4351-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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SB-4

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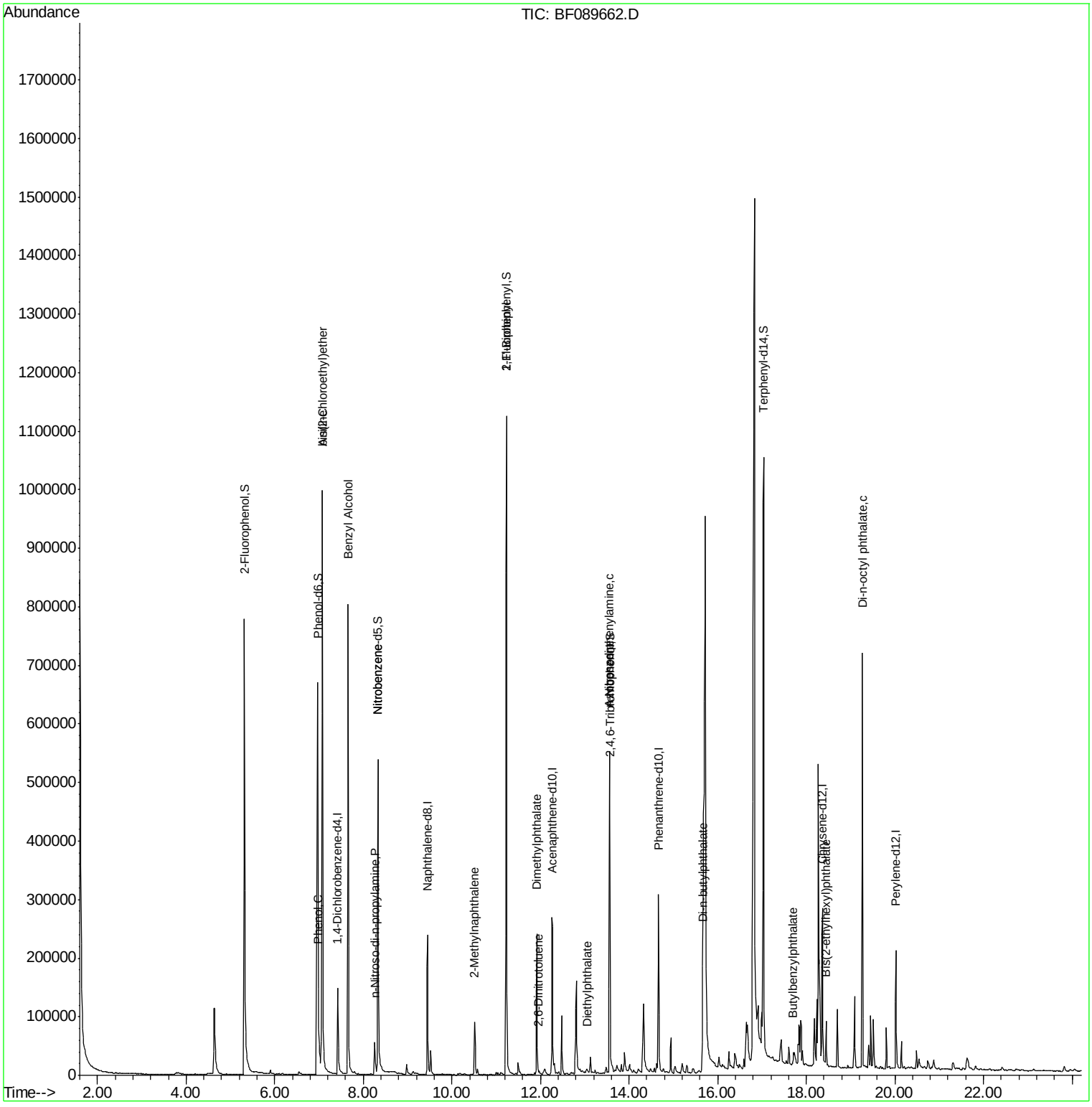
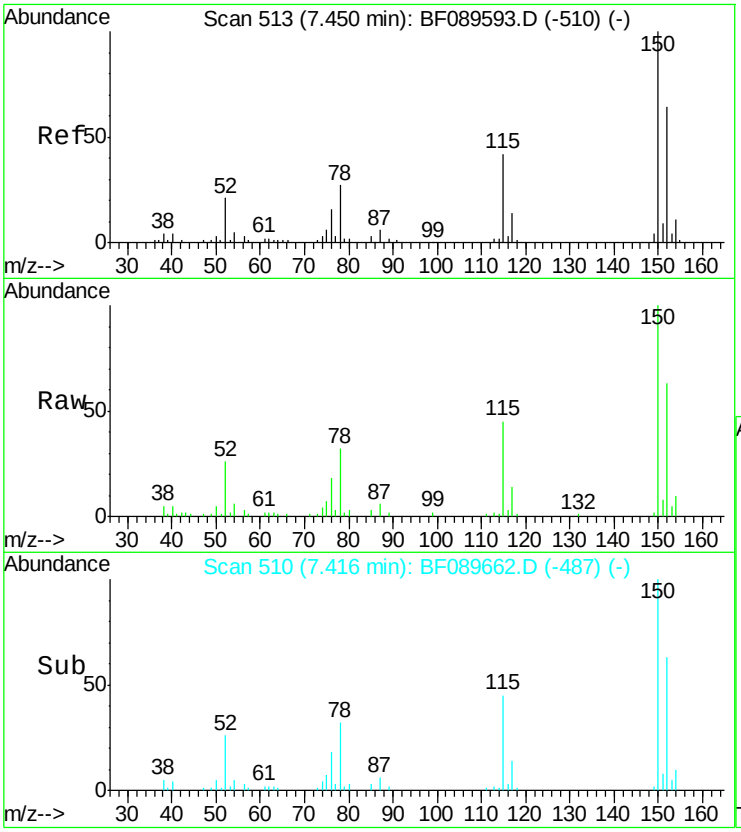


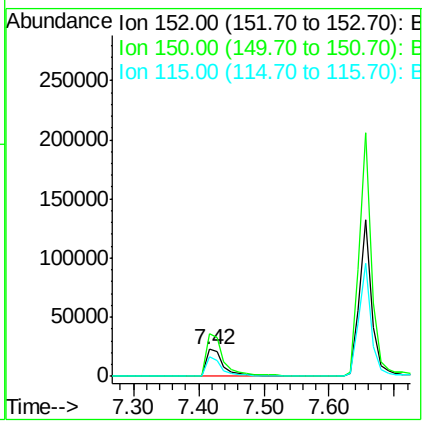


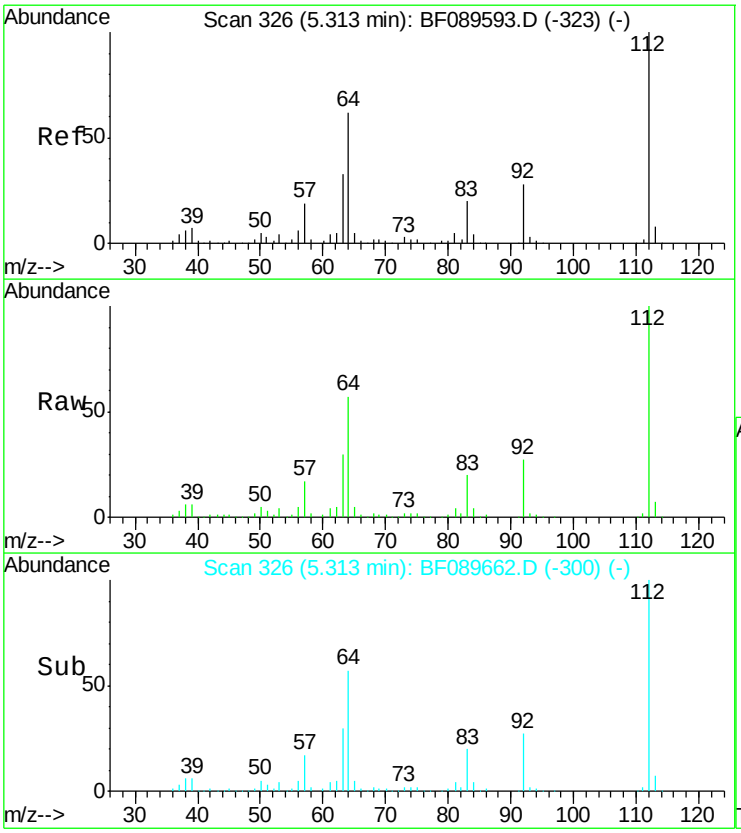
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:152 Resp: 45280

Ion	Ratio	Lower	Upper
152	100		
150	159.6	125.5	188.3
115	71.9	52.0	78.0

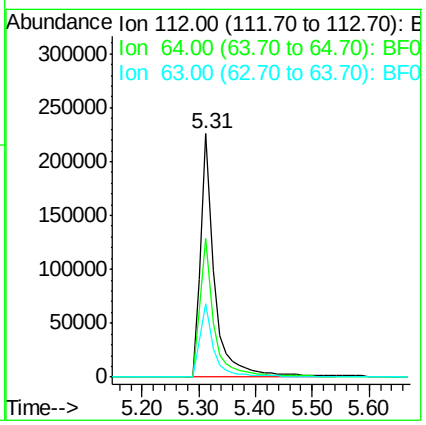


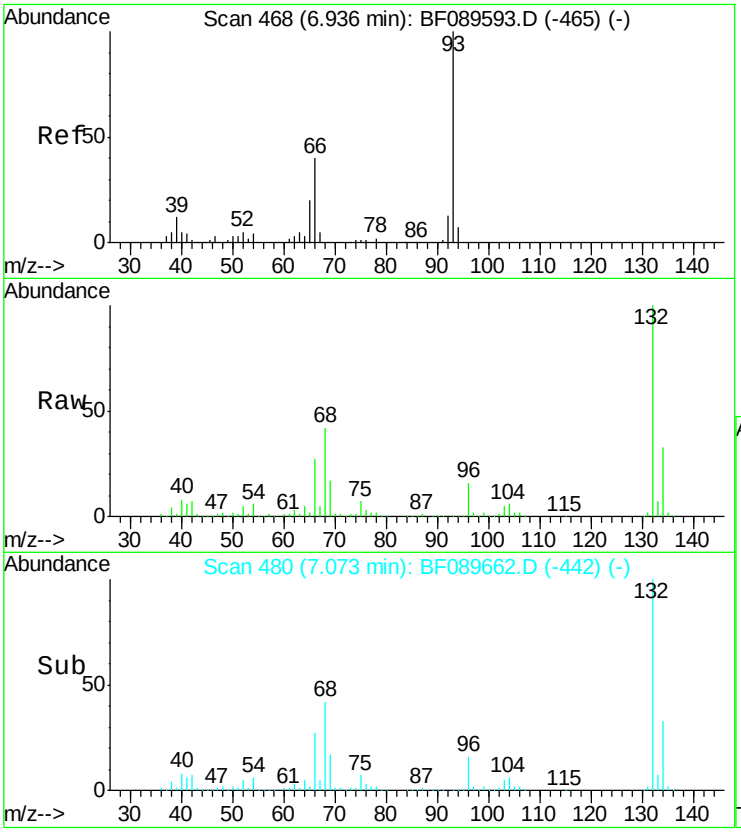


#5
2-Fluorophenol
Concen: 139.55 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:112 Resp: 377003

Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.9	74.9
63	30.4	26.1	39.1



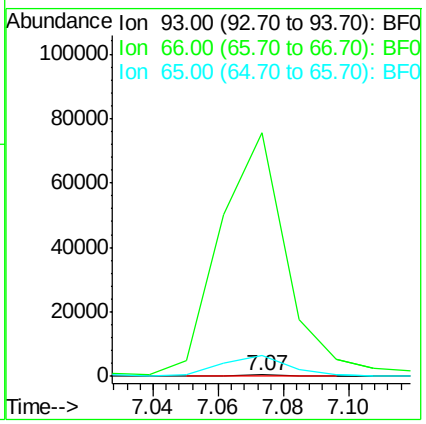


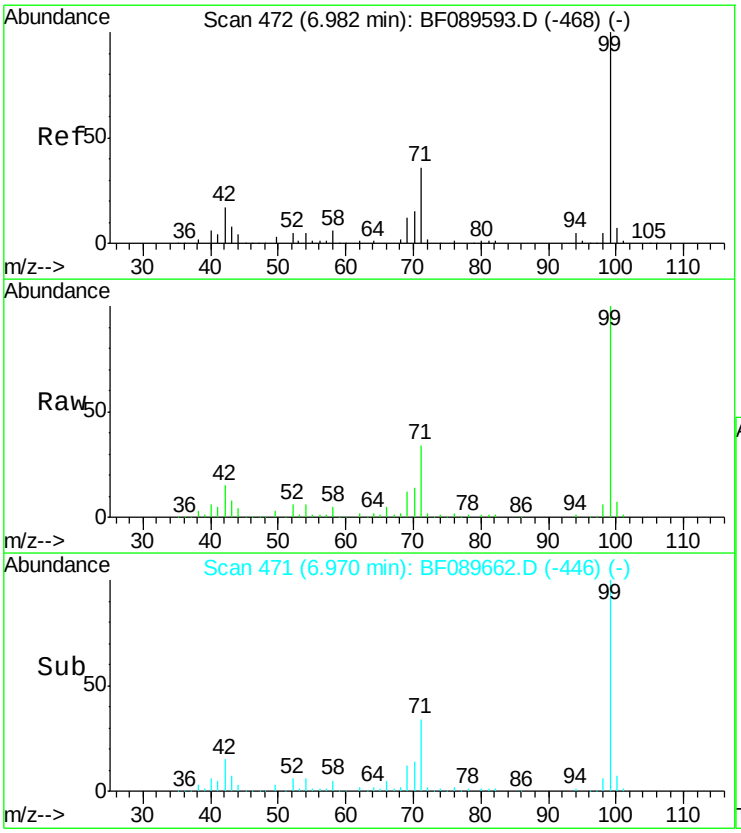
#6
Aniline
Concen: 0.06 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.14 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 93 Resp: 305

Ion	Ratio	Lower	Upper
93	100		
66	16974.4	32.2	48.2#
65	1457.1	15.8	23.8#

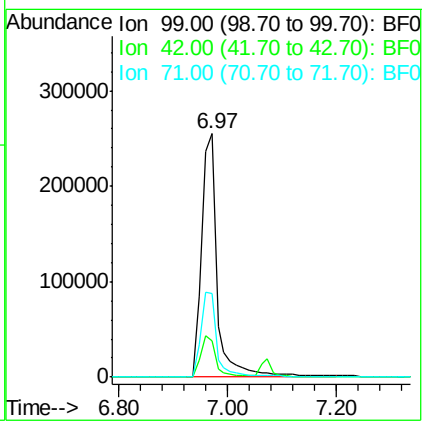


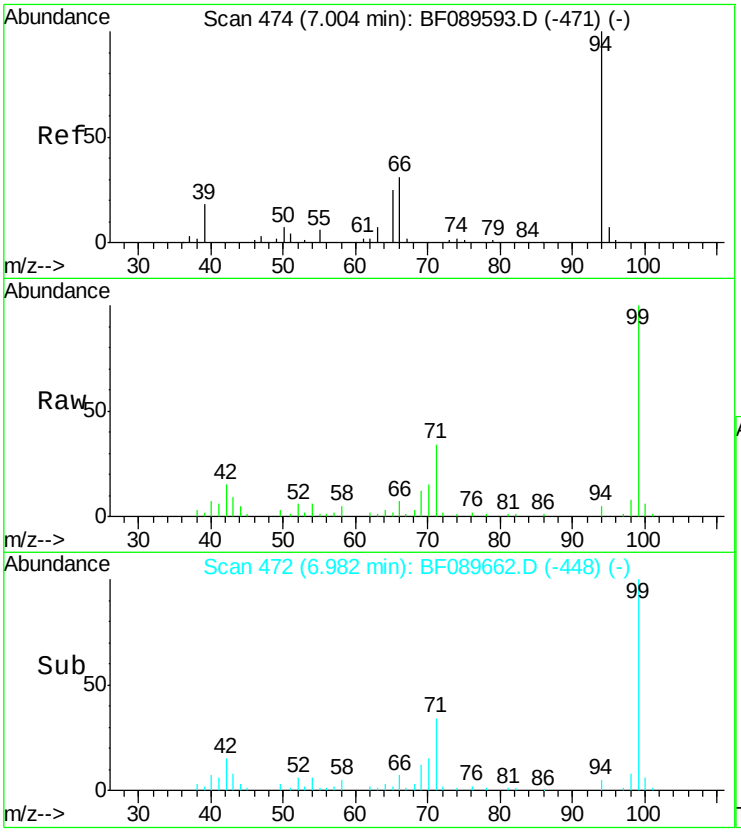


#7
Phenol-d6
Concen: 138.87 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.01 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion: 99 Resp: 508947

Ion	Ratio	Lower	Upper
99	100		
42	15.0	13.7	20.5
71	34.4	29.0	43.4



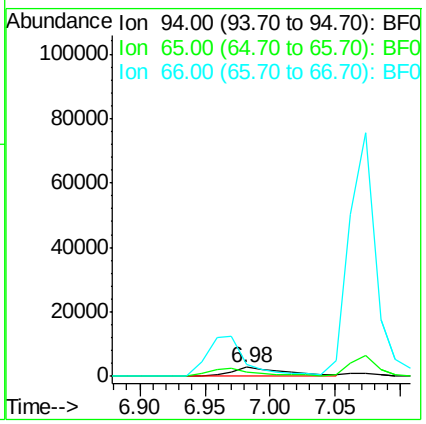


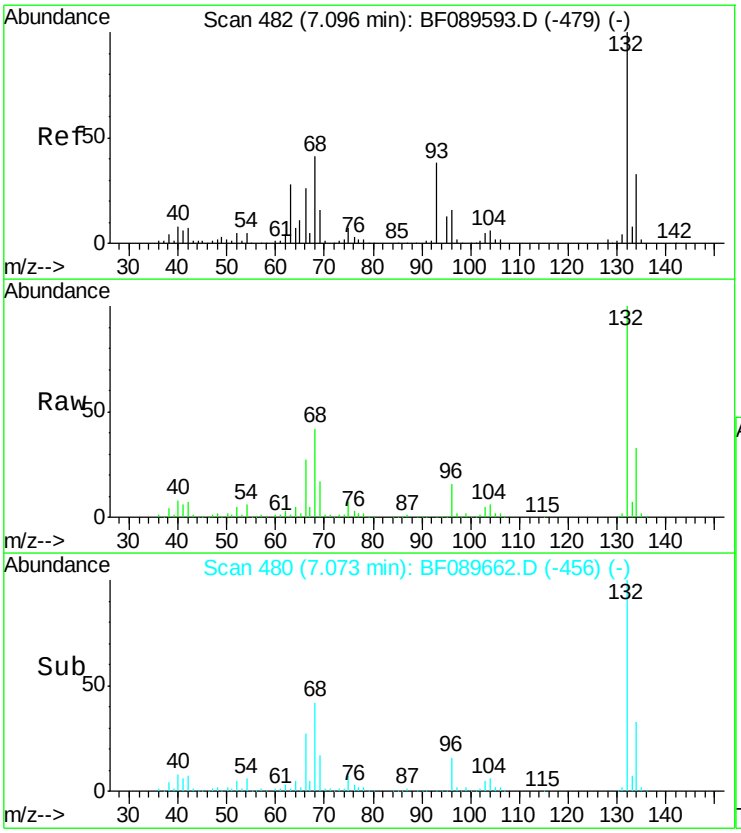
#10
Phenol
Concen: 2.09 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 94 Resp: 7854

Ion	Ratio	Lower	Upper
94	100		
65	42.3	11.0	51.0
66	126.3	27.4	67.4#

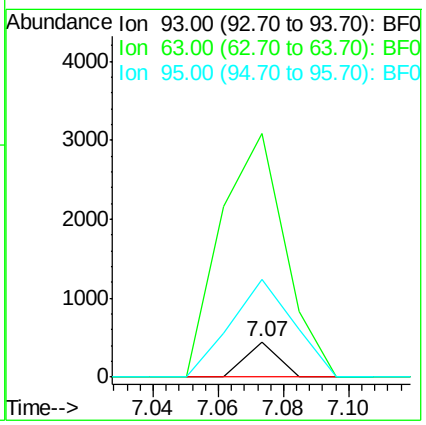


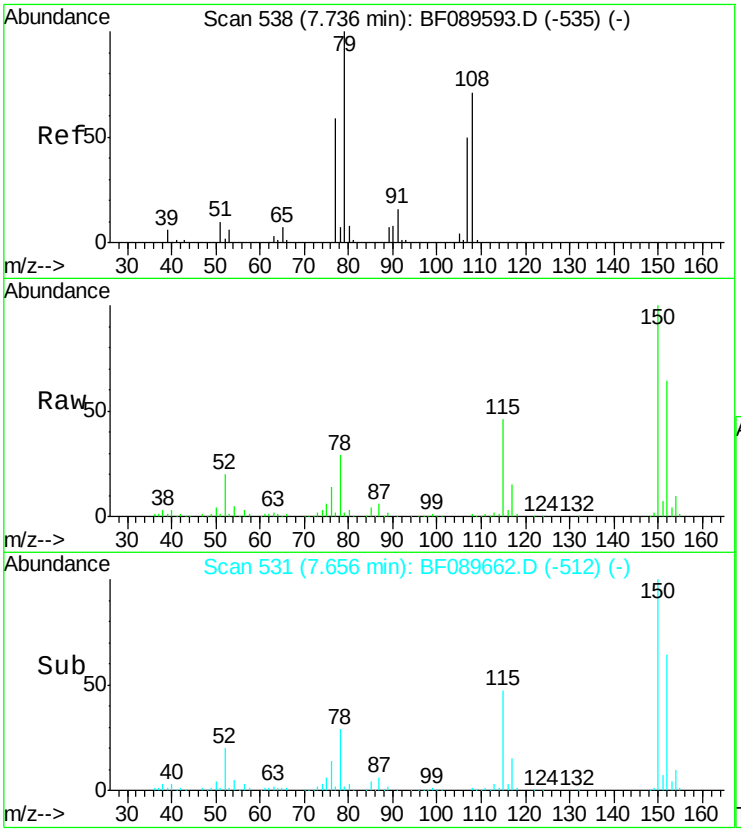


#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion: 93 Resp: 305

Ion	Ratio	Lower	Upper
93	100		
63	693.3	52.2	92.2#
95	276.4	13.1	53.1#



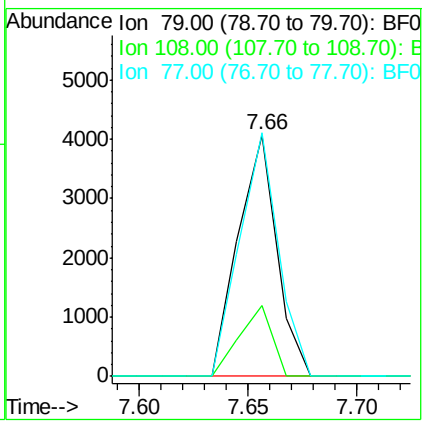


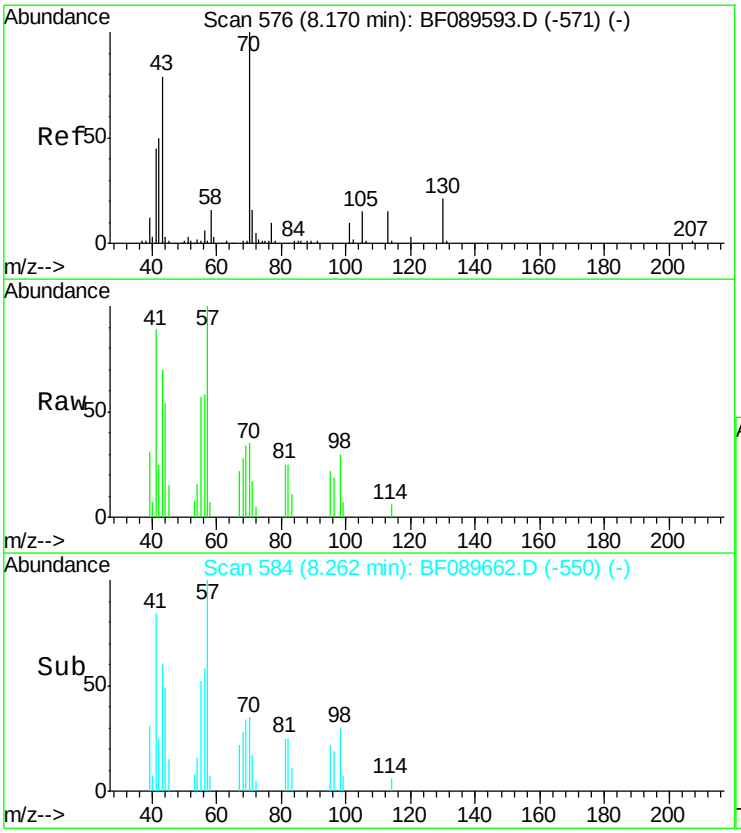
#15
Benzyl Alcohol
Concen: 2.09 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 79 Resp: 5027

Ion	Ratio	Lower	Upper
79	100		
108	29.5	58.3	87.5#
77	101.0	48.7	73.1#

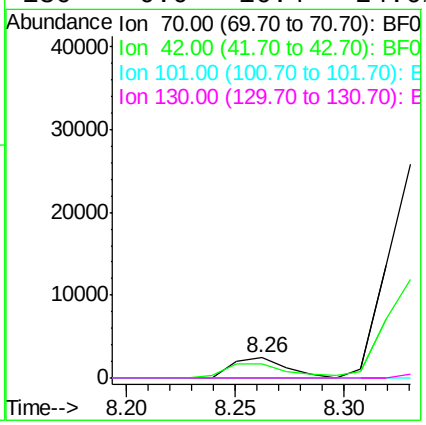


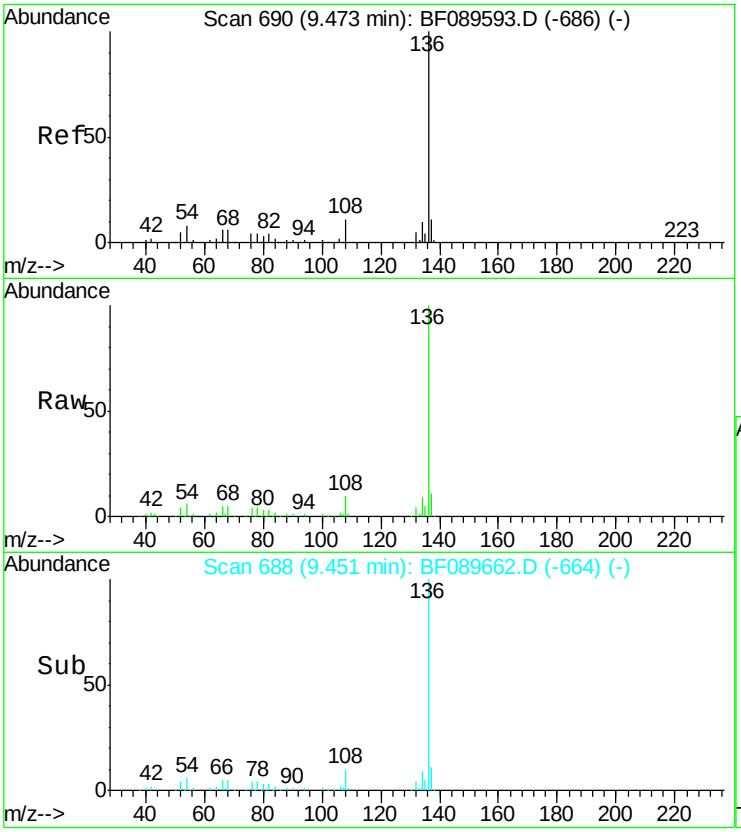


#19
n-Nitroso-di-n-propylamine
Concen: 1.58 ng
RT: 8.26 min Scan# 584
Delta R.T. 0.09 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion: 70 Resp: 4185

Ion	Ratio	Lower	Upper
70	100		
42	71.8	40.2	60.2#
101	0.0	7.8	11.6#
130	0.0	16.4	24.6#



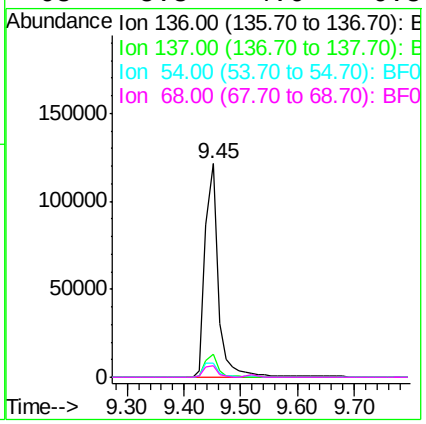


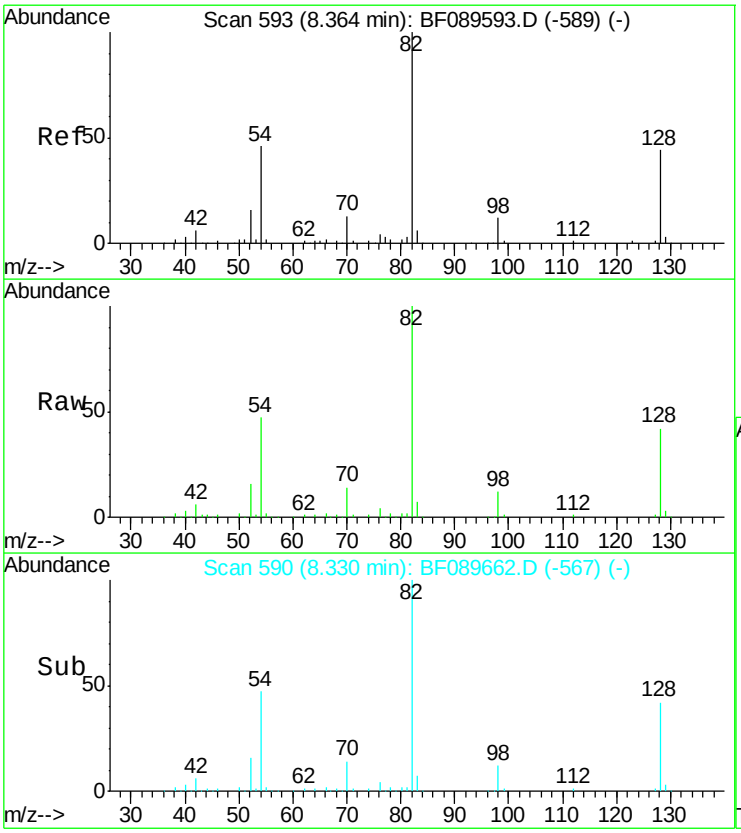
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:136 Resp: 190390

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.5	6.0	9.0
68	5.3	4.6	6.8

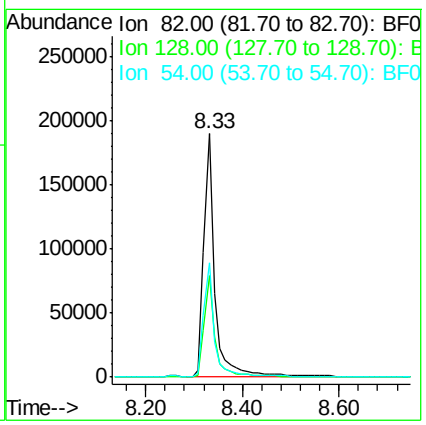


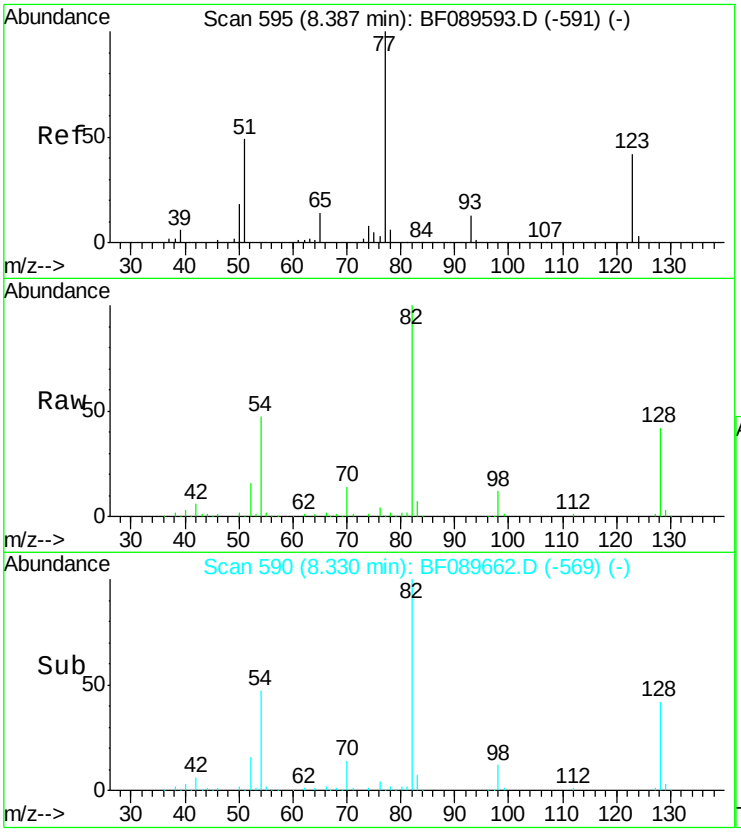


#23
Nitrobenzene-d5
Concen: 88.89 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion: 82 Resp: 305960

Ion	Ratio	Lower	Upper
82	100		
128	41.7	35.4	53.0
54	46.9	36.4	54.6



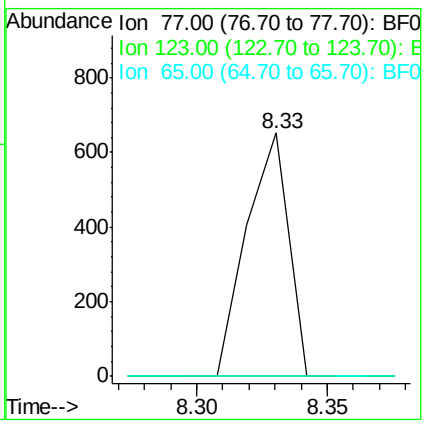


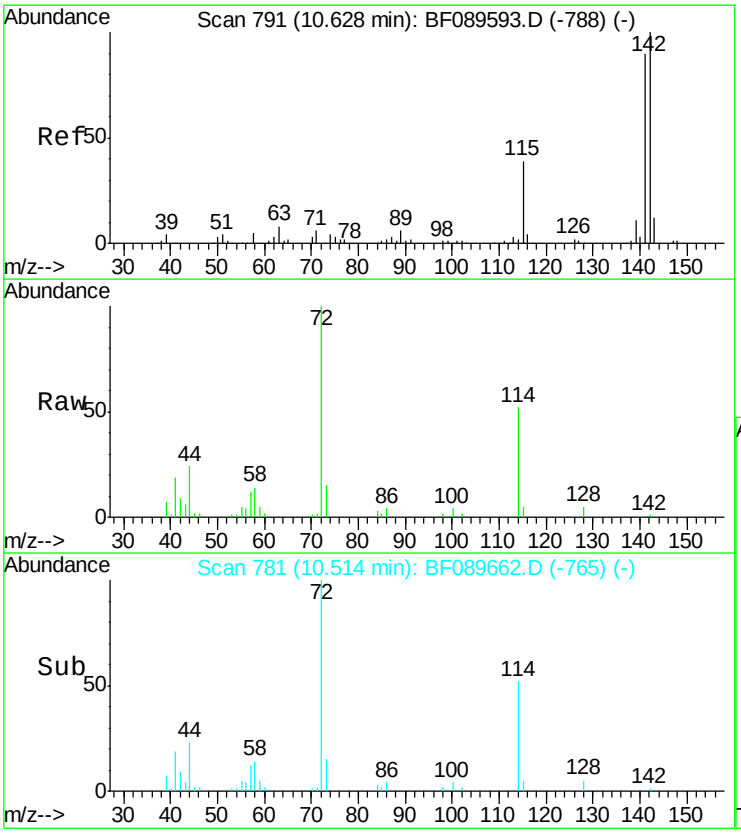
#24
Nitrobenzene
Concen: 0.22 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.06 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion: 77 Resp: 726

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	0.0	11.0	16.6#

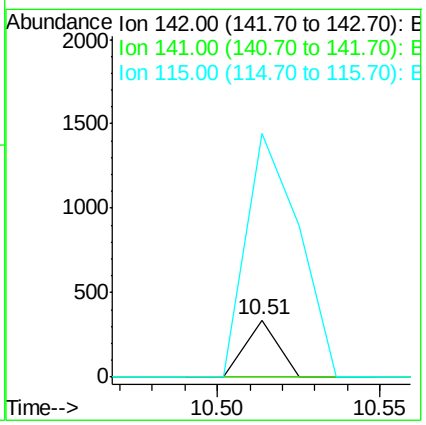


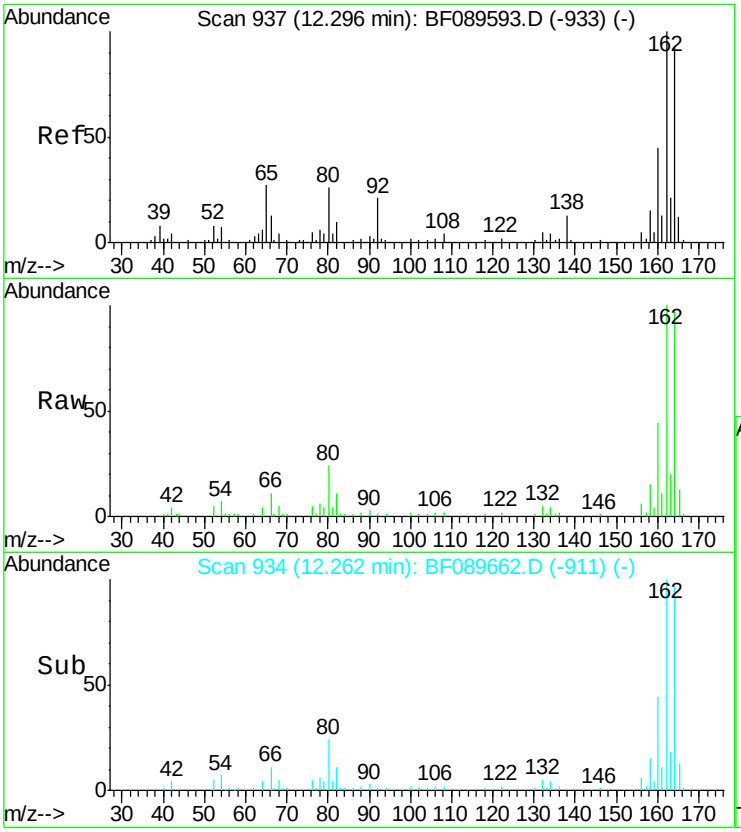


#37
2-Methylnaphthalene
Concen: 0.04 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.11 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:142 Resp: 233

Ion	Ratio	Lower	Upper
142	100		
141	0.0	71.8	107.6#
115	424.1	31.0	46.4#



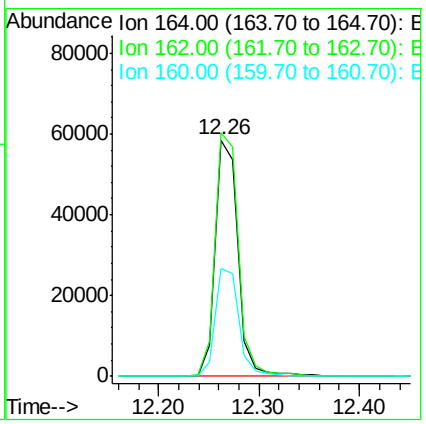


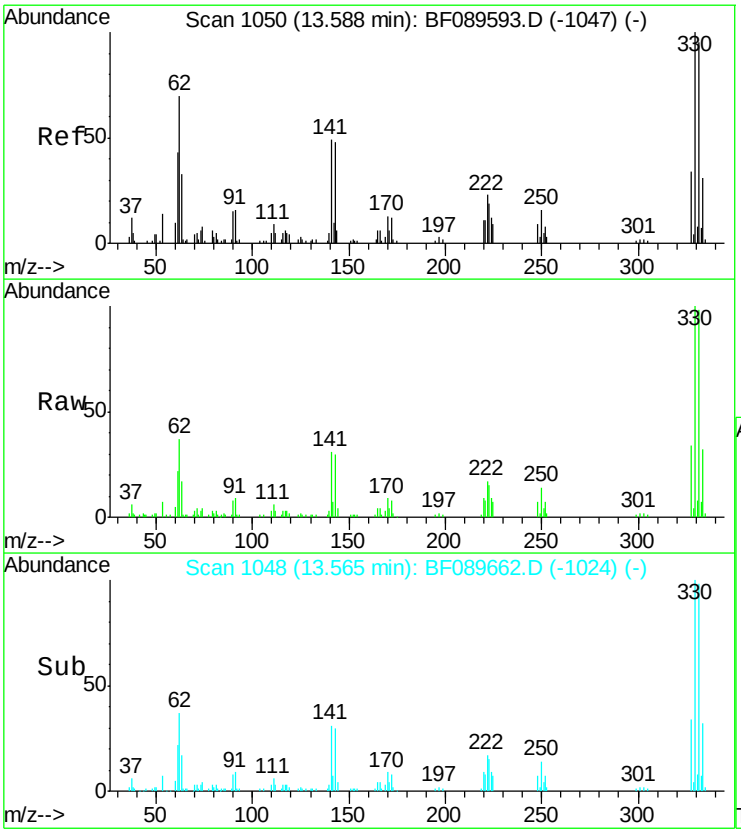
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:164 Resp: 91814

Ion	Ratio	Lower	Upper
164	100		
162	103.0	85.7	128.5
160	45.4	38.2	57.4

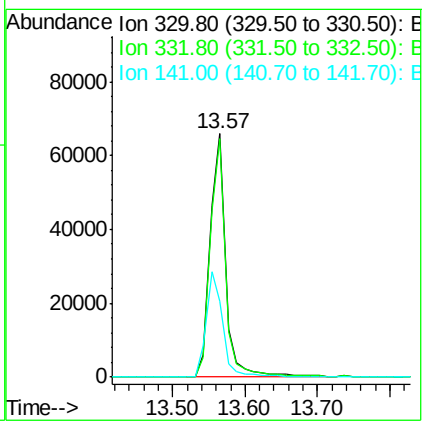


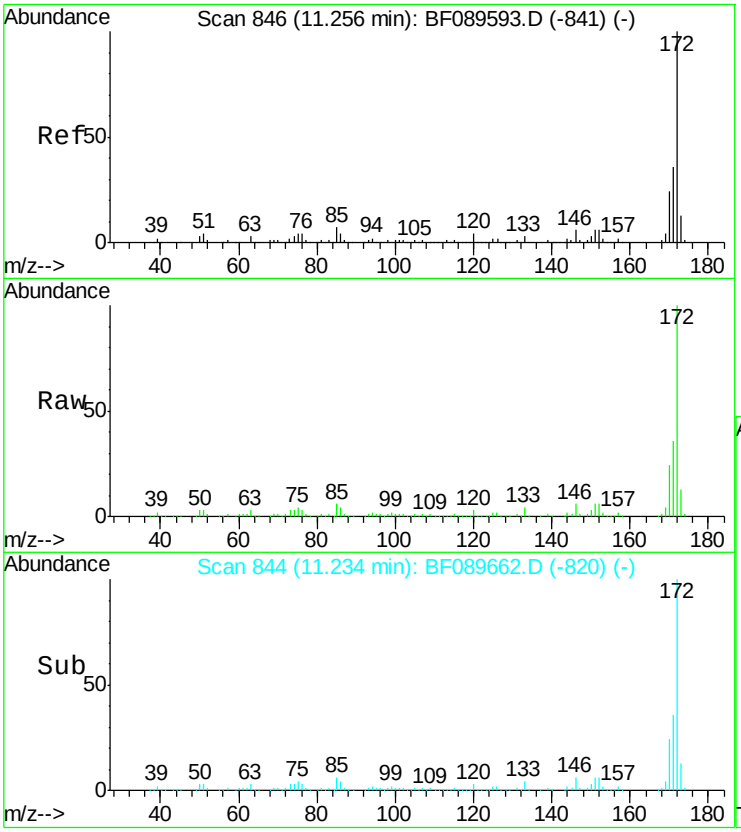


#41
2,4,6-Tribromophenol
Concen: 130.13 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:330 Resp: 98594

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	45.6	38.6	57.8



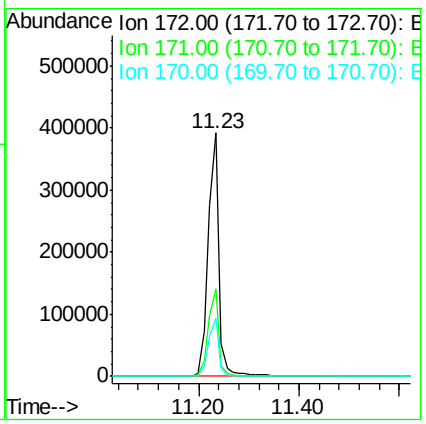


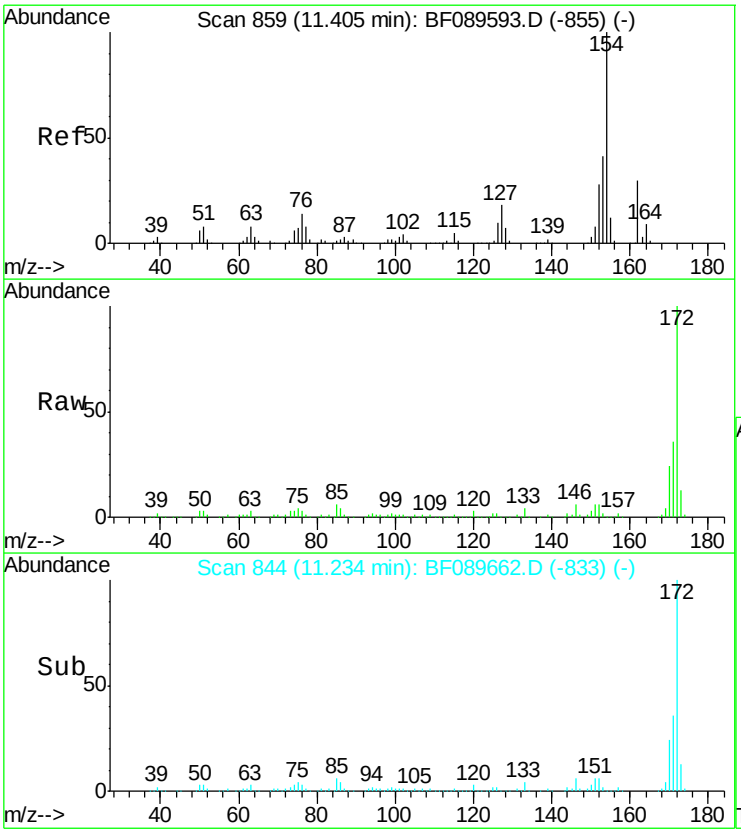
#44
2-Fluorobiphenyl
Concen: 82.27 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:172 Resp: 581177

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.6	19.0	28.6

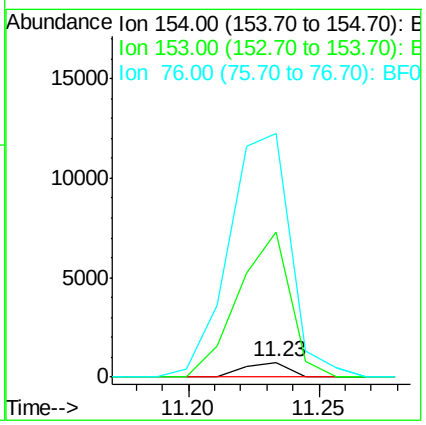


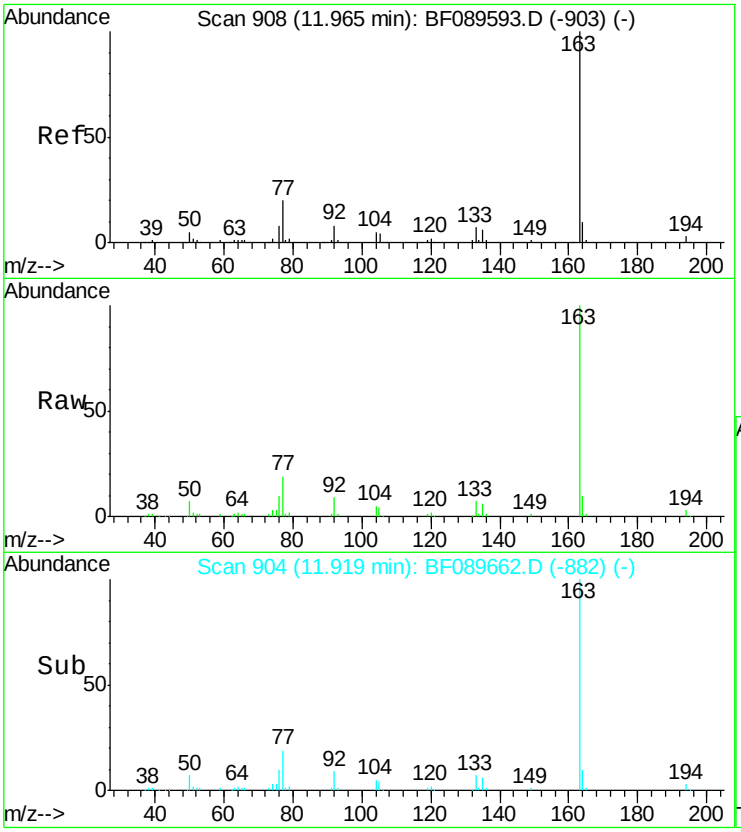


#45
1,1'-Biphenyl
Concen: 0.10 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.17 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:154 Resp: 869

Ion	Ratio	Lower	Upper
154	100		
153	992.7	20.6	60.6#
76	1660.1	0.0	33.7#



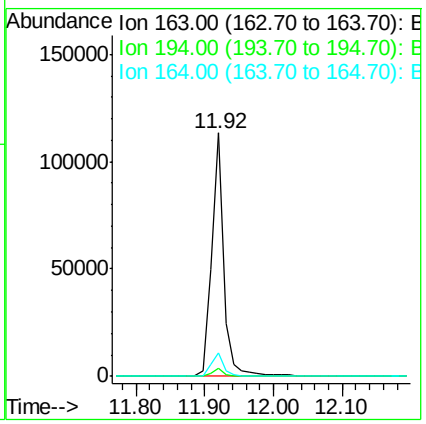


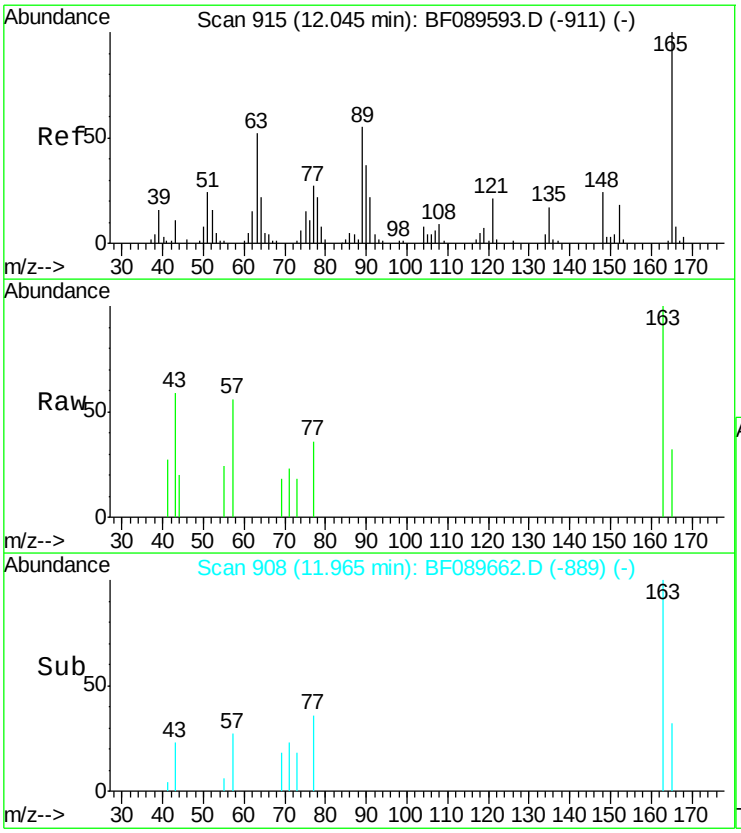
#49
Dimethylphthalate
Concen: 19.62 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:163 Resp: 141198

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	9.7	7.8	11.6

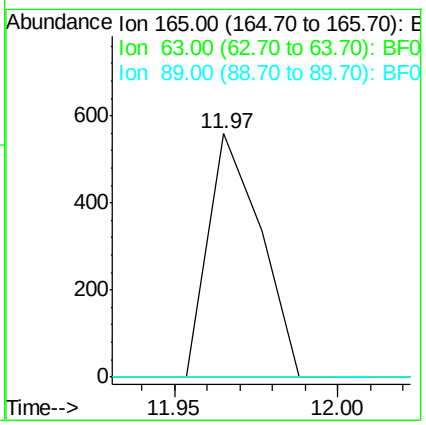


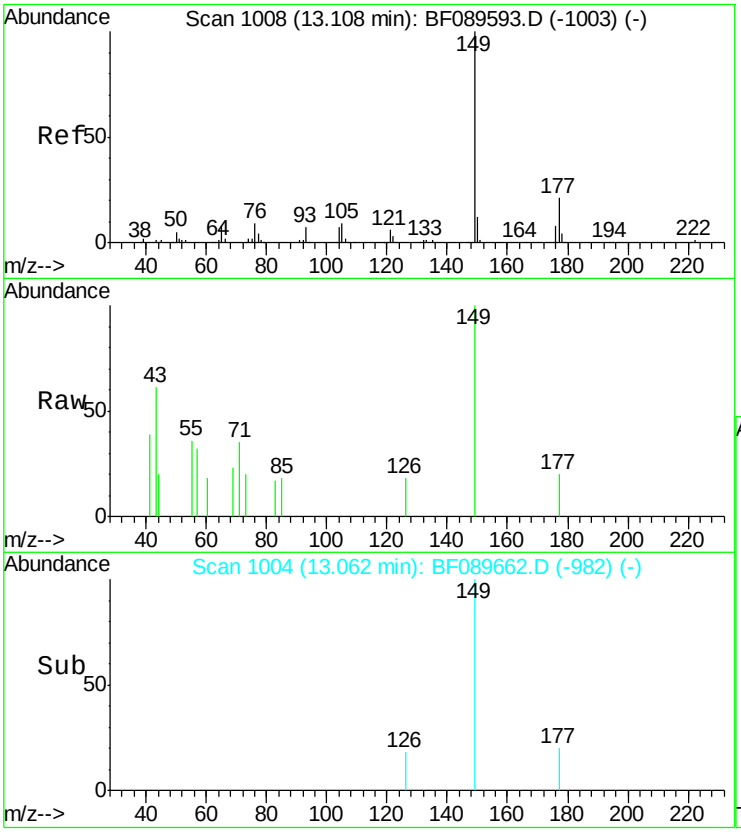


#50
2,6-Dinitrotoluene
Concen: 0.43 ng
RT: 11.97 min Scan# 908
Delta R.T. -0.08 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:165 Resp: 614

Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.6	67.0#
89	0.0	44.2	66.2#



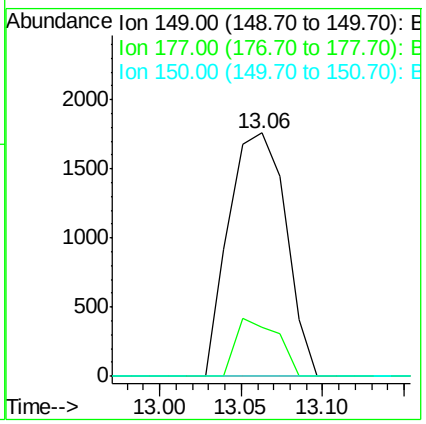


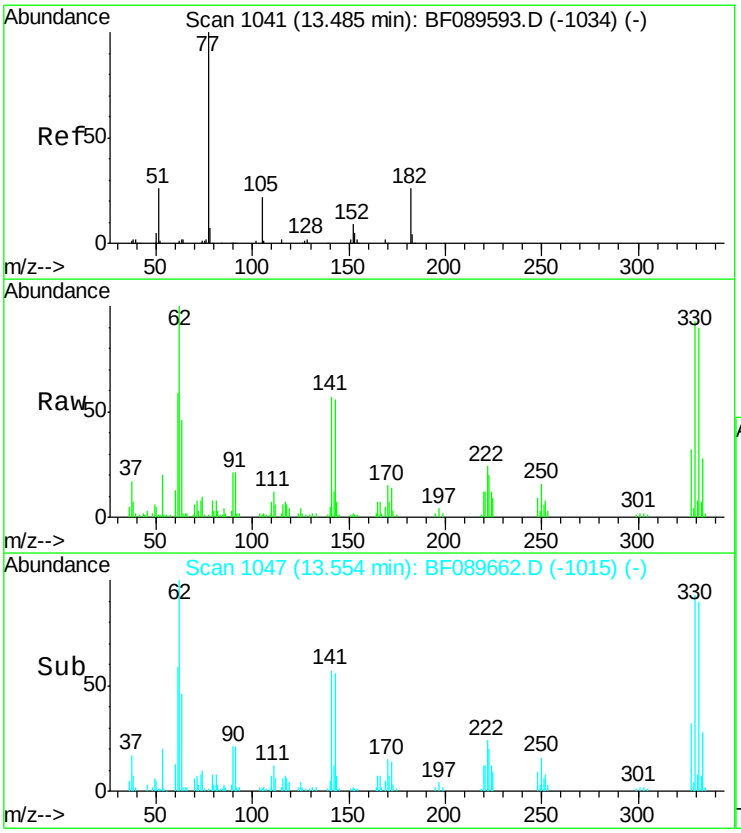
#59
Diethylphthalate
Concen: 0.57 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:149 Resp: 4259

Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.8	25.2
150	0.0	9.6	14.4#

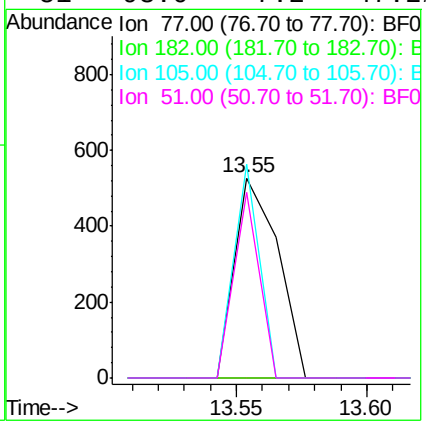


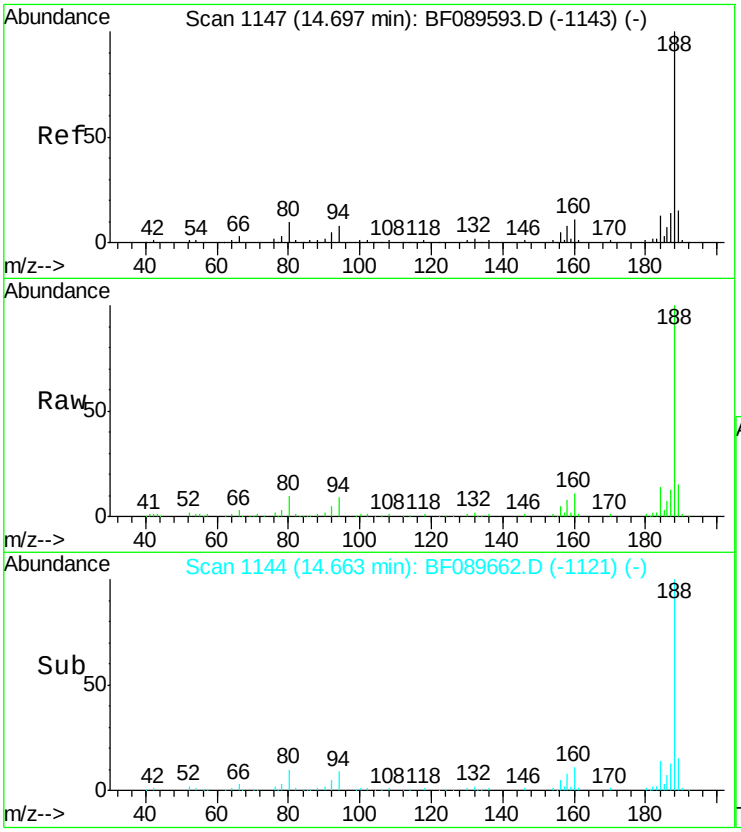


#62
Azobenzene
Concen: 0.09 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion: 77 Resp: 617

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	106.8	2.9	42.9#
51	93.0	7.2	47.2#



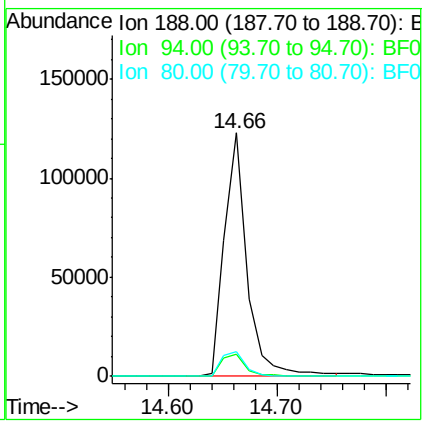


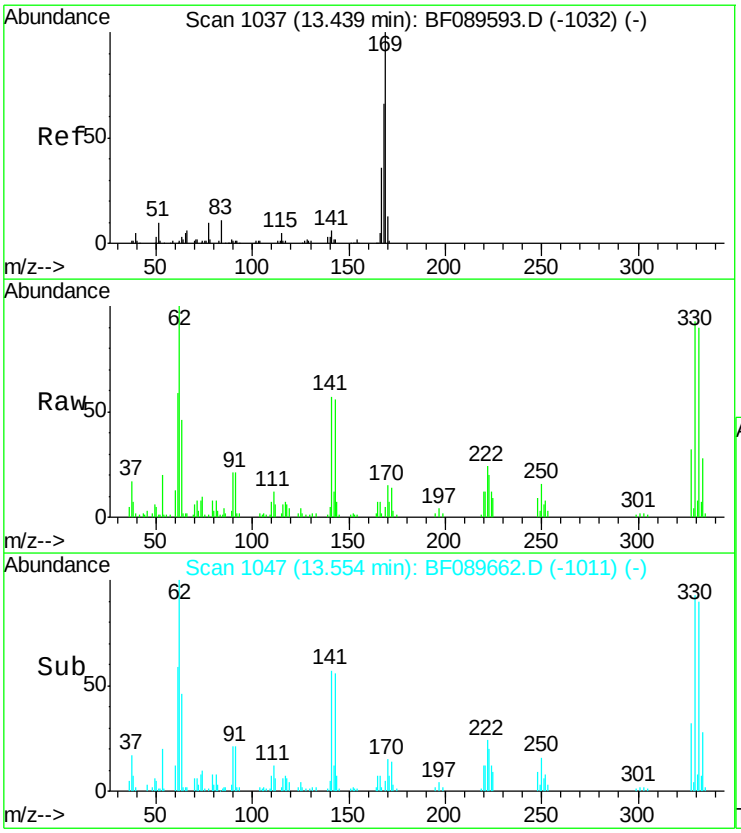
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:188 Resp: 177740

Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.5	9.7
80	10.2	8.0	12.0

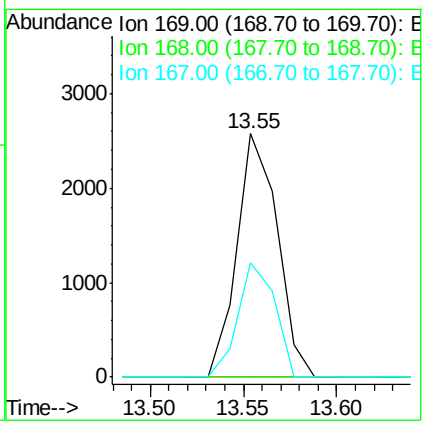


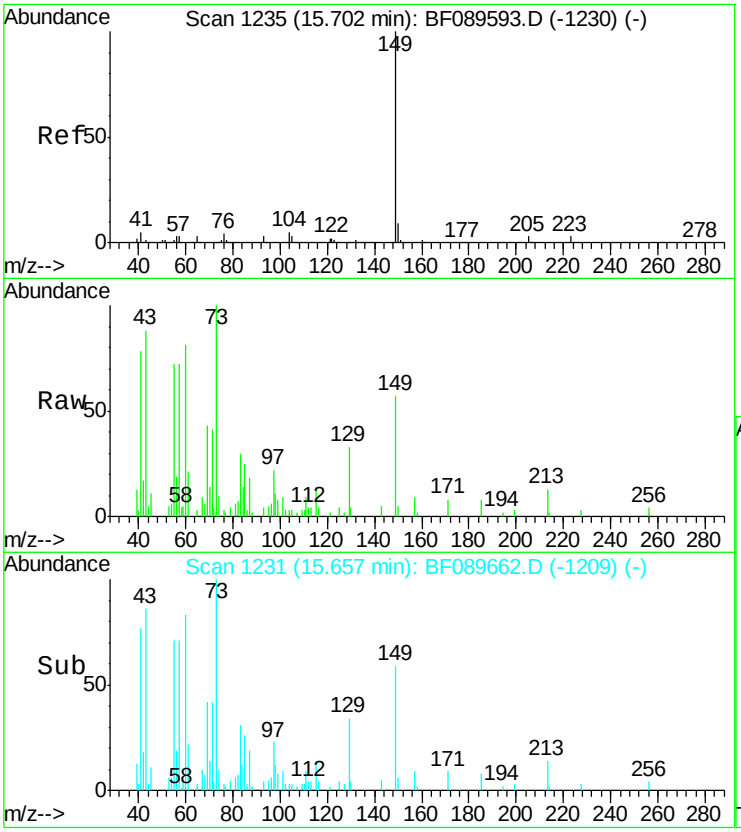


#65
n-Nitrosodiphenylamine
Concen: 0.65 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:169 Resp: 3886

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	46.8	28.9	43.3#



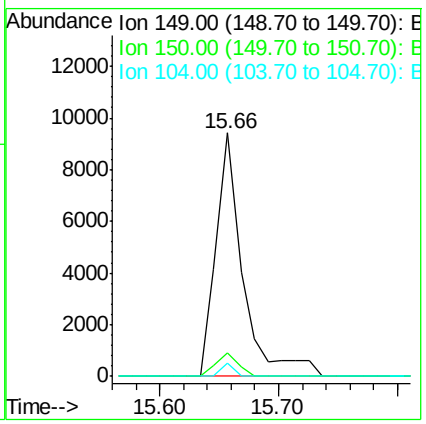


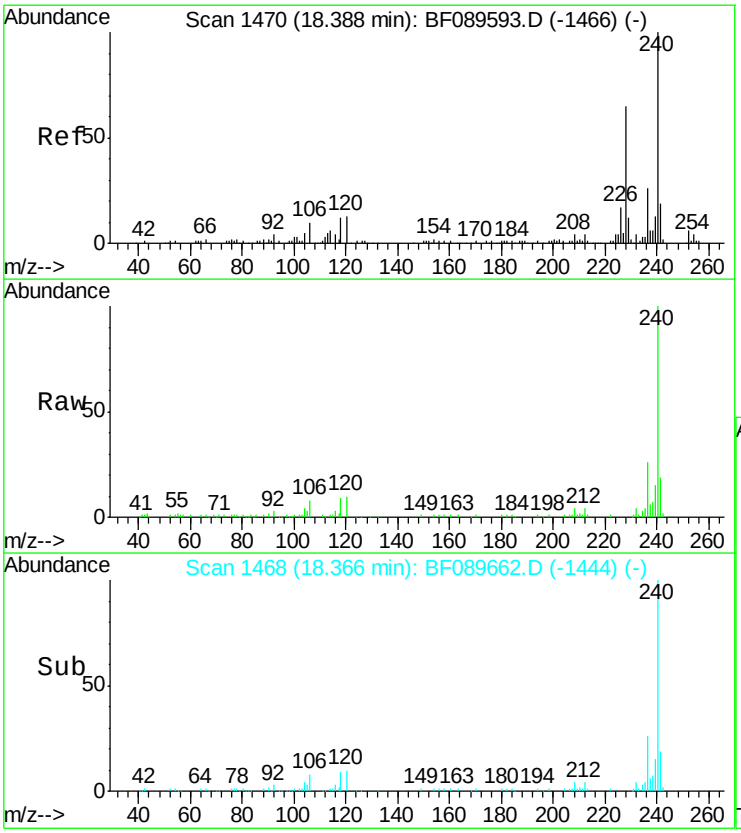
#73
Di-n-butylphthalate
Concen: 1.26 ng
RT: 15.66 min Scan# 1231
Delta R.T. -0.05 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:149 Resp: 14671

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.2	10.8
104	5.3	3.8	5.8

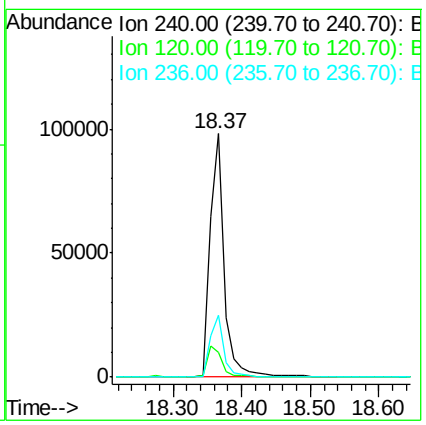


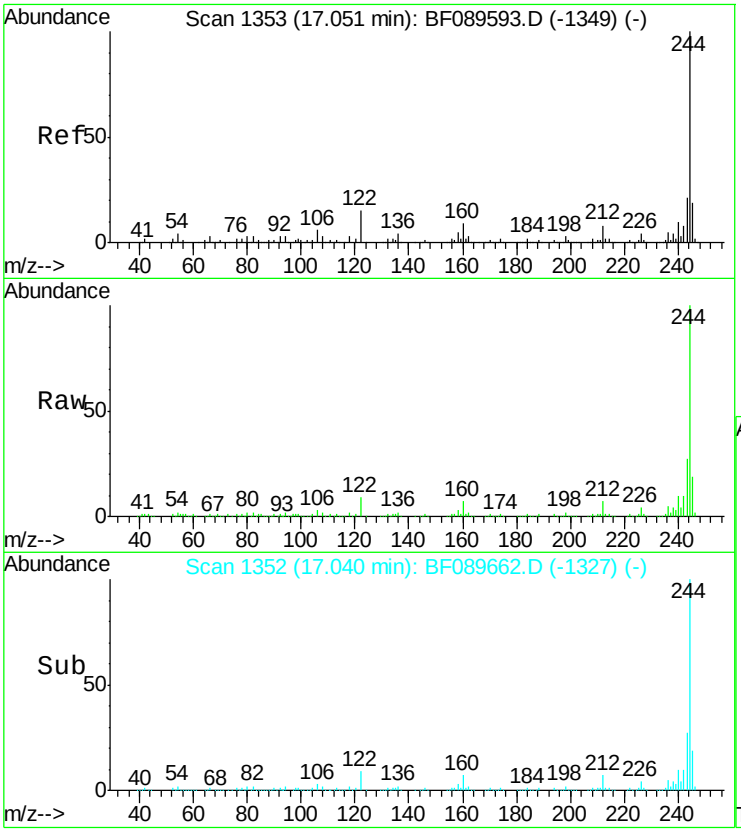


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:240 Resp: 142528

Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.6	15.8#
236	25.5	20.6	30.8



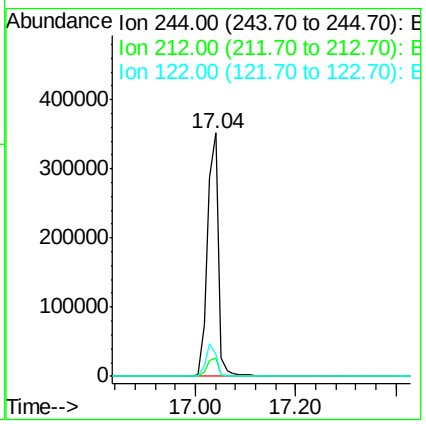


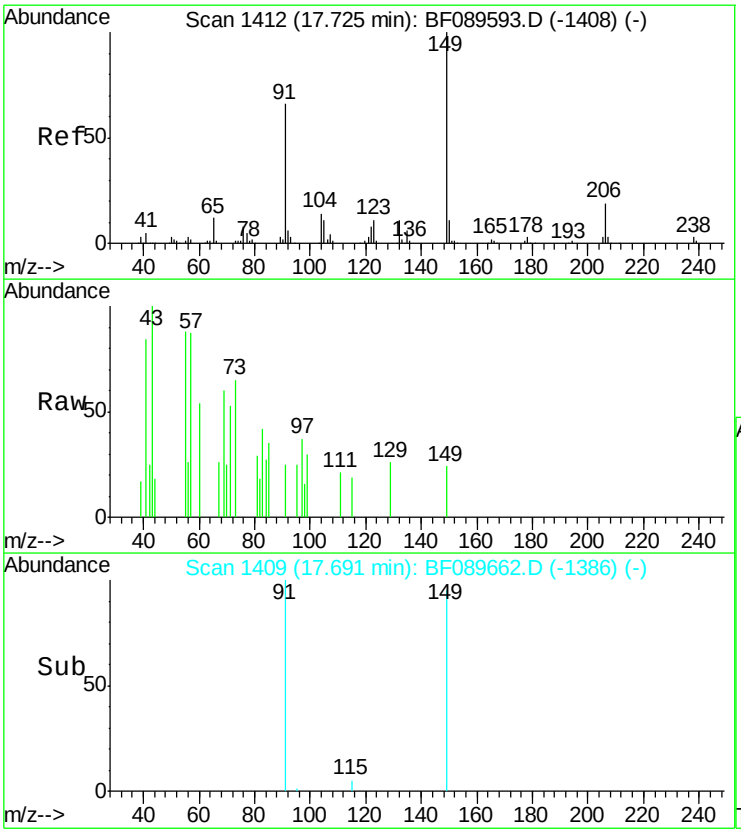
#78
Terphenyl-d14
Concen: 73.22 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:244 Resp: 528635

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	9.0	12.2	18.2#

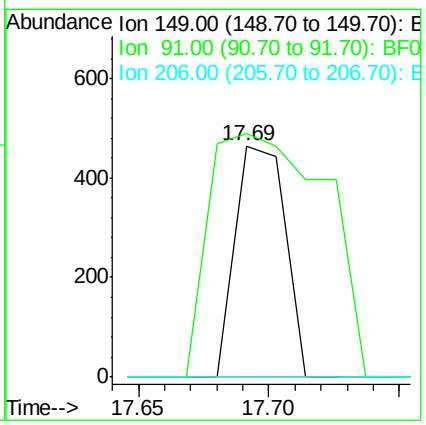


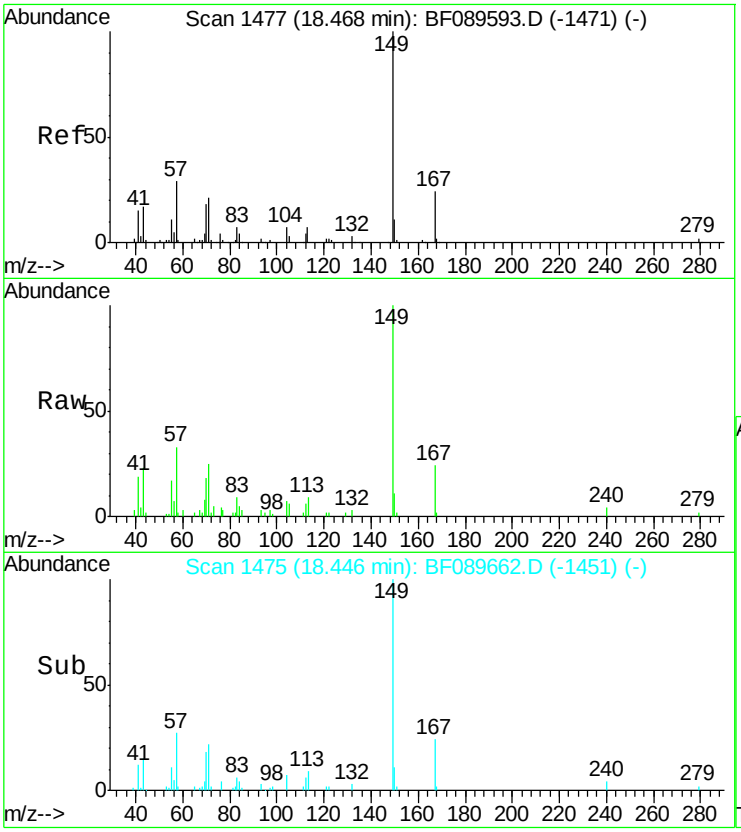


#79
Butylbenzylphthalate
Concen: 0.12 ng
RT: 17.69 min Scan# 1409
Delta R.T. -0.03 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:149 Resp: 621

Ion	Ratio	Lower	Upper
149	100		
91	105.4	52.6	78.8#
206	0.0	15.4	23.0#



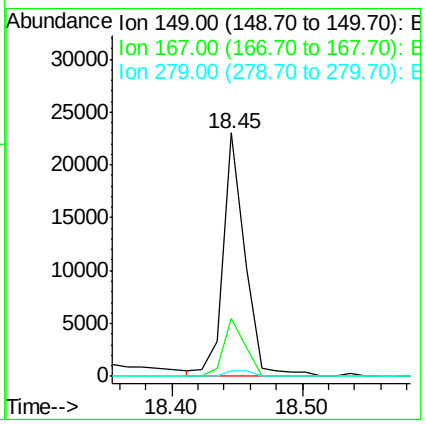


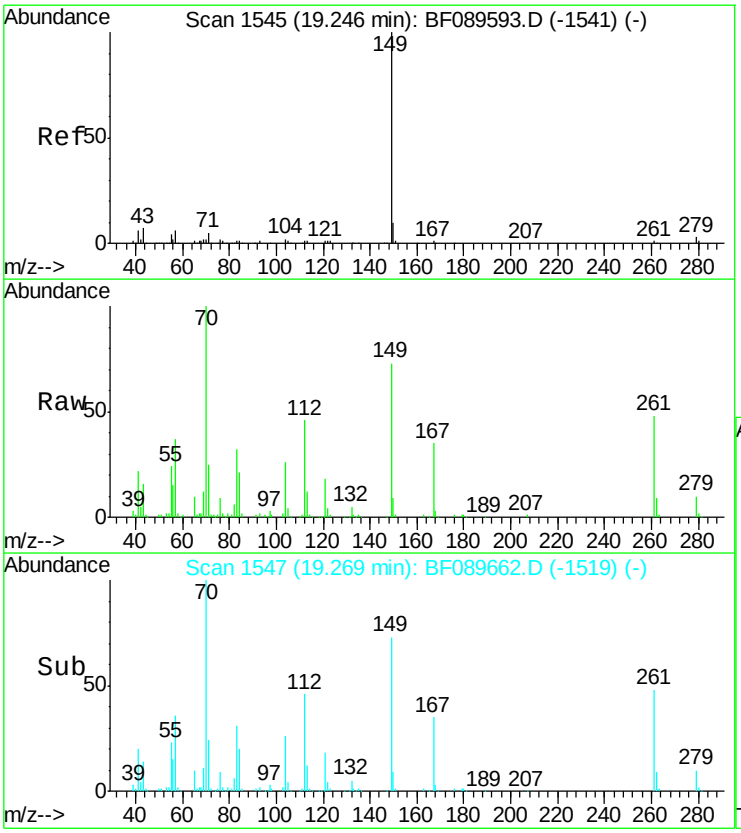
#83
Bis(2-ethylhexyl)phthalate
Concen: 3.64 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:149 Resp: 27031

Ion	Ratio	Lower	Upper
149	100		
167	23.8	19.0	28.4
279	2.1	1.8	2.6

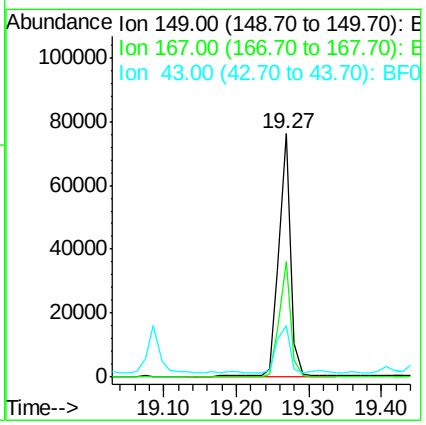


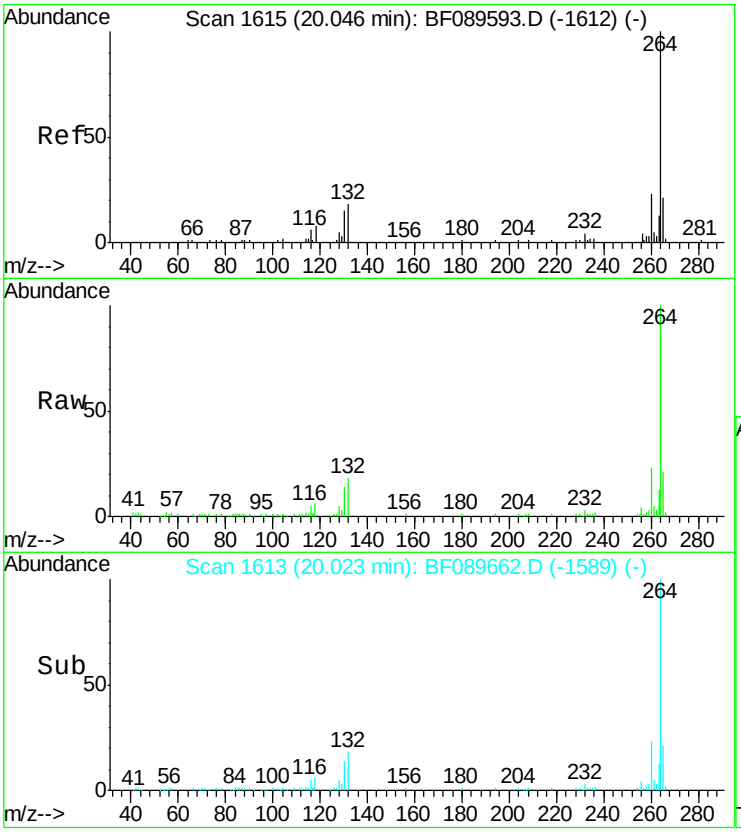


#84
Di-n-octyl phthalate
Concen: 8.24 ng
RT: 19.27 min Scan# 1547
Delta R.T. 0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Tgt Ion:149 Resp: 88077

Ion	Ratio	Lower	Upper
149	100		
167	44.7	1.1	1.7#
43	21.6	7.0	10.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089662.D
Acq: 8 Aug 2016 15:27

Instrument :
BNA_F
ClientSampleId :
SB-4

Tgt Ion:264 Resp: 101479

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.0	16.5	24.7