Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089664.D
Acq On : 8 Aug 2016 16:35
Operator : UM/SJ
Sample : H4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CORE-F

Quant Time: Aug 09 02:29:46 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	43142	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	181896	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	90202	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	186609	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	146116	20.00	ng	-0.02
86) Perylene-d12	20.02	264	106942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	414370	160.98	ng	0.00
7) Phenol-d6	6.96	99	560413	160.49	ng	-0.02
23) Nitrobenzene-d5	8.33	82	334418	101.69	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	107140	143.93	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	638481	91.99	ng	-0.02
78) Terphenyl-d14	17.03	244	596815	80.63	ng	-0.02
Target Compounds						Qvalue
6) Aniline	7.07	93	534	0.12	ng	# 1
9) Benzaldehyde	6.96	77	561	0.44	ng	# 1
10) Phenol	6.98	94	6784	1.89	ng	# 14
11) bis(2-Chloroethyl)ether	7.07	93	534	0.17	ng	# 1
15) Benzyl Alcohol	7.66	79	5288	2.31	ng	# 45
19) n-Nitroso-di-n-propylamine	8.33	70	40421	16.02	ng	# 82
24) Nitrobenzene	8.33	77	656	0.21	ng	# 42
45) 1,1'-Biphenyl	11.23	154	942	0.12	ng	# 1
49) Dimethylphthalate	11.92	163	81985	11.60	ng	100
50) 2,6-Dinitrotoluene	11.92	165	715	0.51	ng	# 6
59) Diethylphthalate	13.07	149	615	0.08	ng	# 60
62) Azobenzene	13.55	77	410	0.06	ng	# 18
65) n-Nitrosodiphenylamine	13.55	169	3968	0.63	ng	# 36
73) Di-n-butylphthalate	15.67	149	940	0.08	ng	# 79
83) Bis(2-ethylhexyl)phthalate	18.45	149	373	0.05	ng	# 55
89) Benzo(a)pyrene	20.02	252	214	0.03	ng	# 59

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089664.D
Acq On : 8 Aug 2016 16:35
Operator : UM/SJ
Sample : H4351-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CORE-F

Quant Time: Aug 09 02:29:46 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
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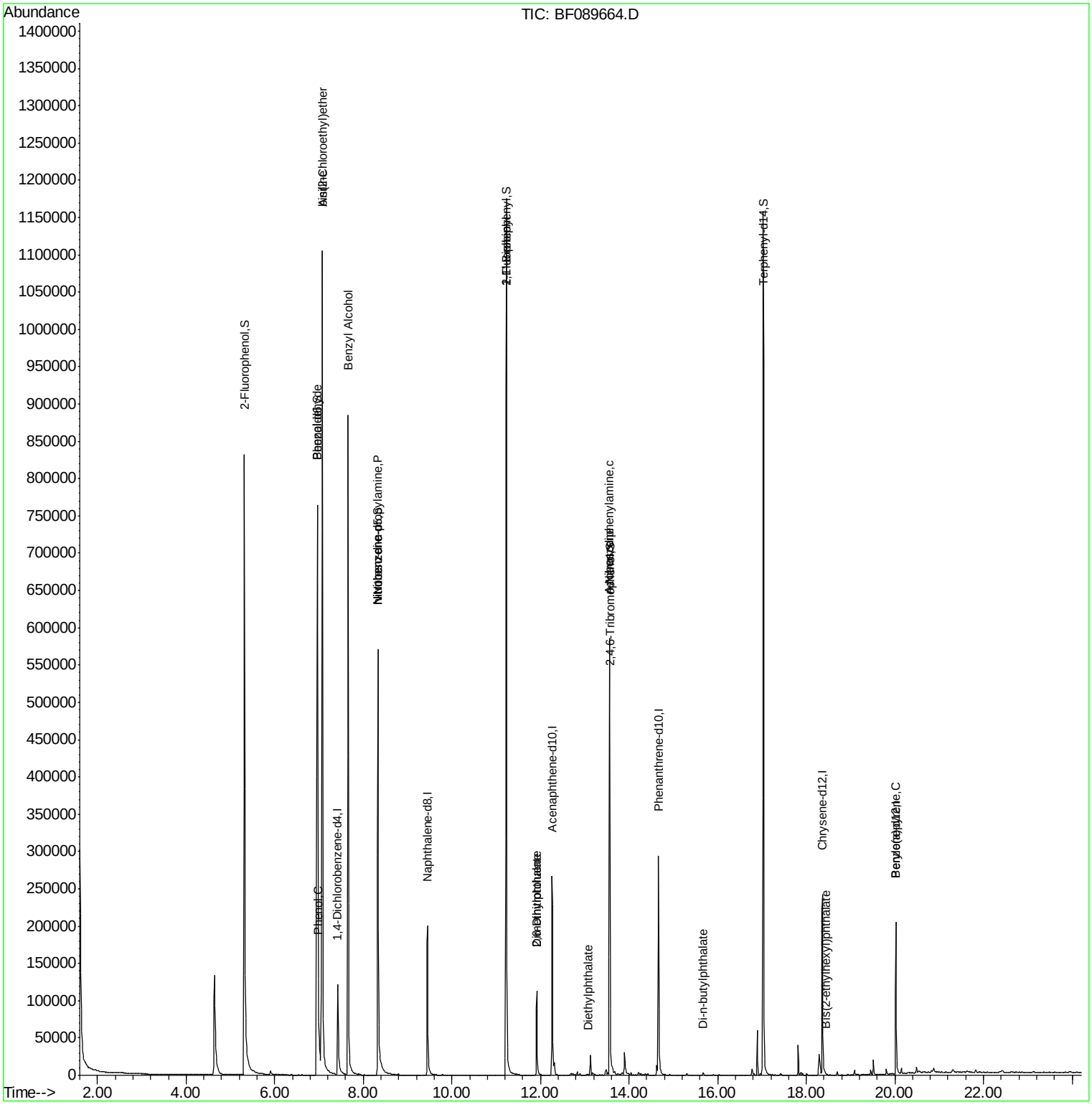
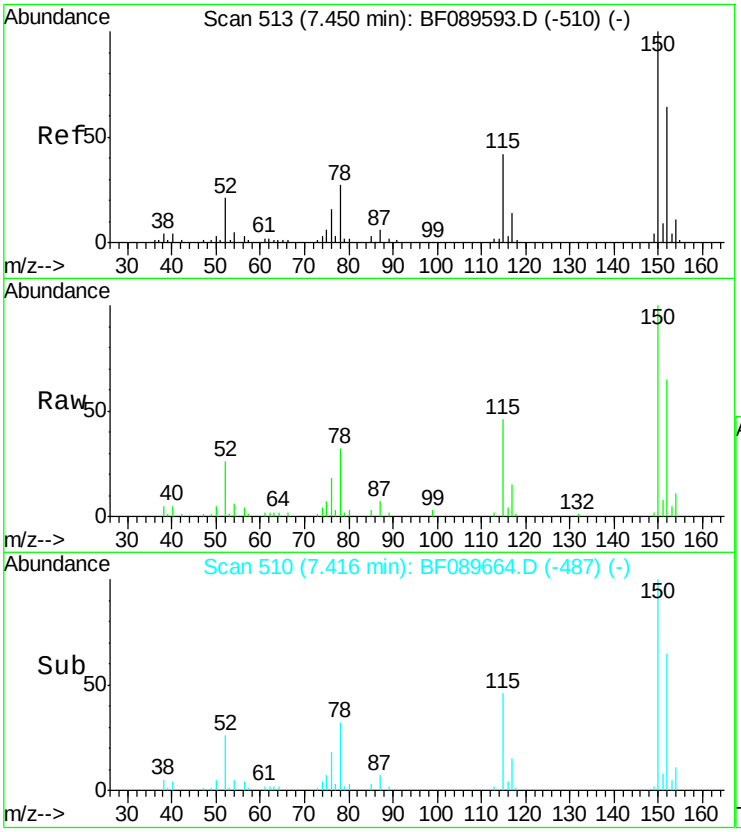


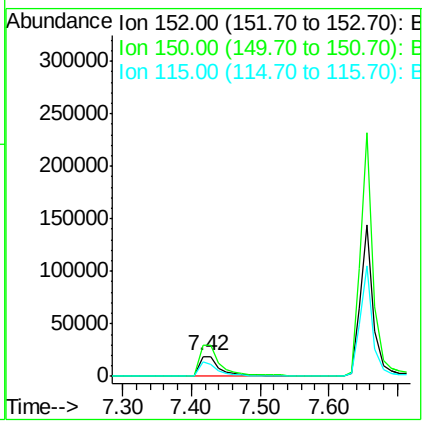


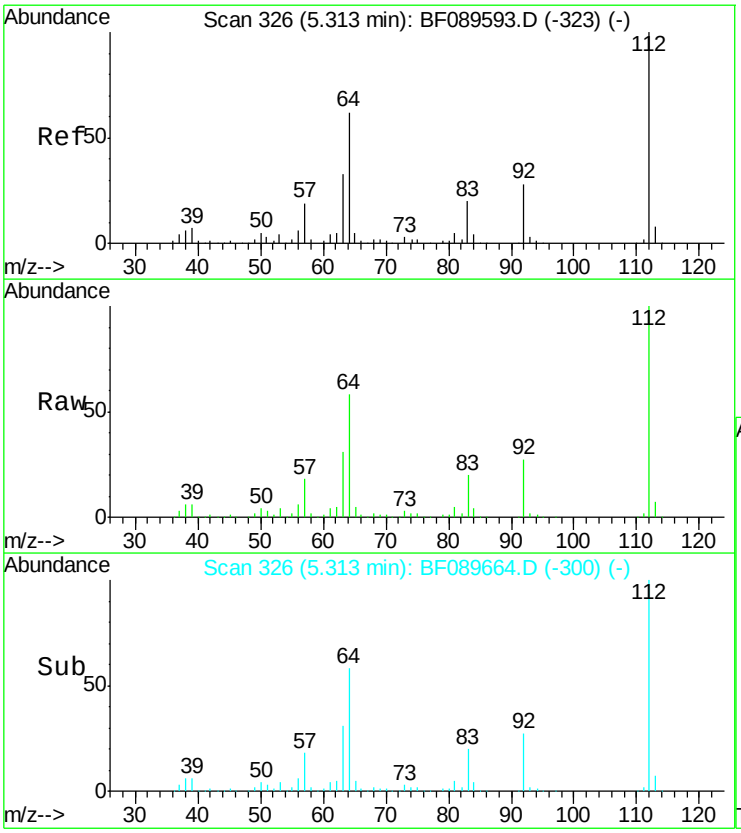
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:152 Resp: 43142

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.5	188.3
115	71.3	52.0	78.0

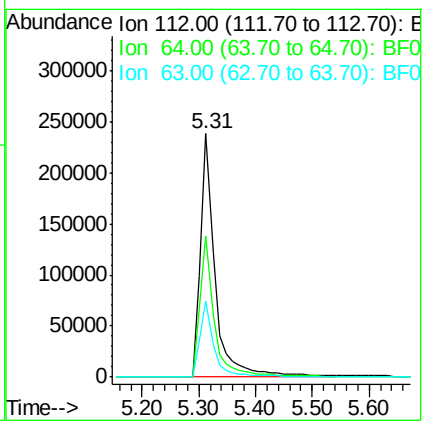


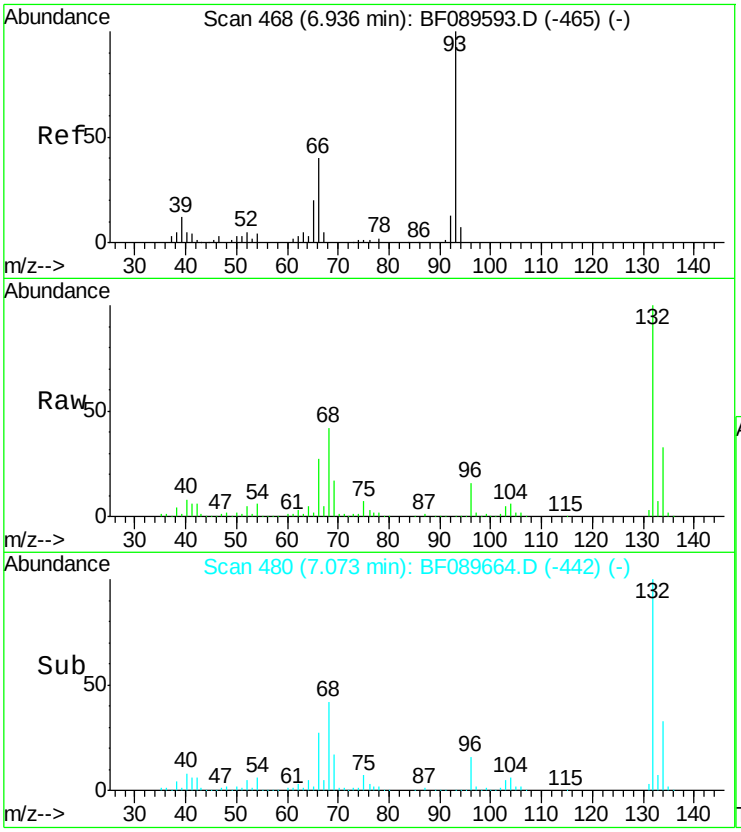


#5
2-Fluorophenol
Concen: 160.98 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:112 Resp: 414370

Ion	Ratio	Lower	Upper
112	100		
64	57.9	49.9	74.9
63	31.1	26.1	39.1



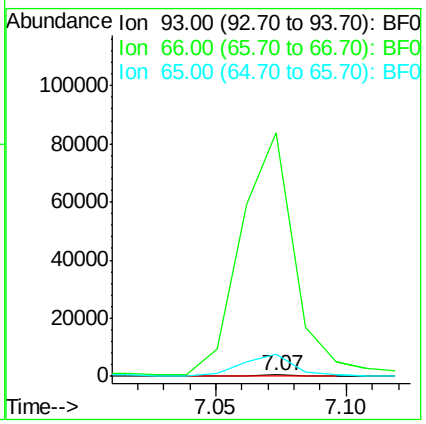


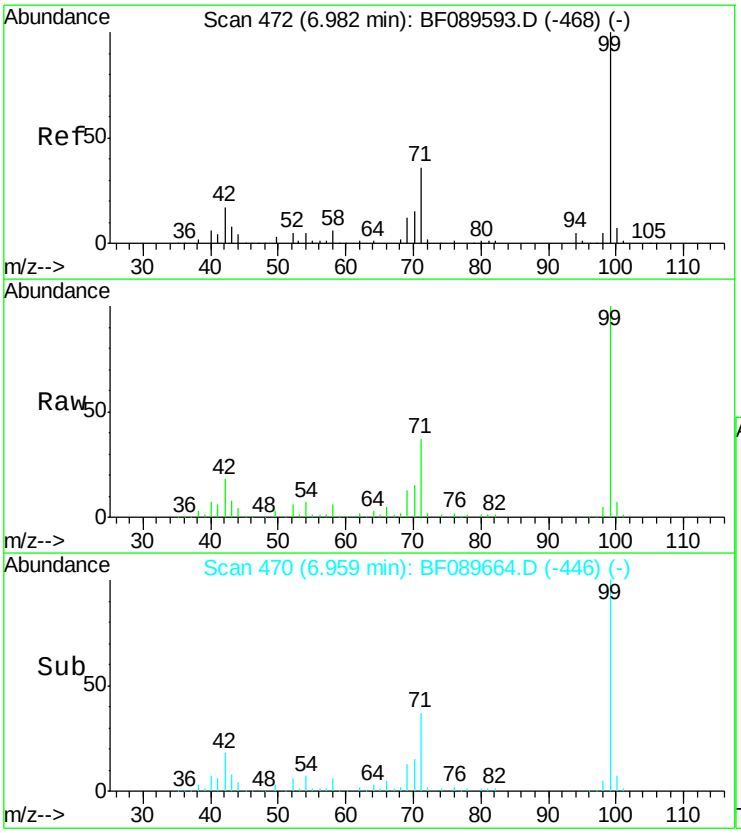
#6
Aniline
Concen: 0.12 ng
RT: 7.07 min Scan# 480
Delta R.T. 0.14 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion: 93 Resp: 534

Ion	Ratio	Lower	Upper
93	100		
66	19040.0	32.2	48.2#
65	1705.2	15.8	23.8#

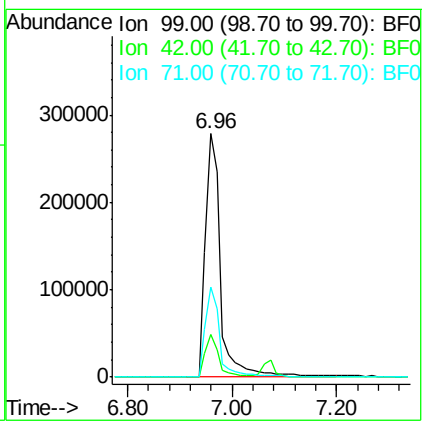


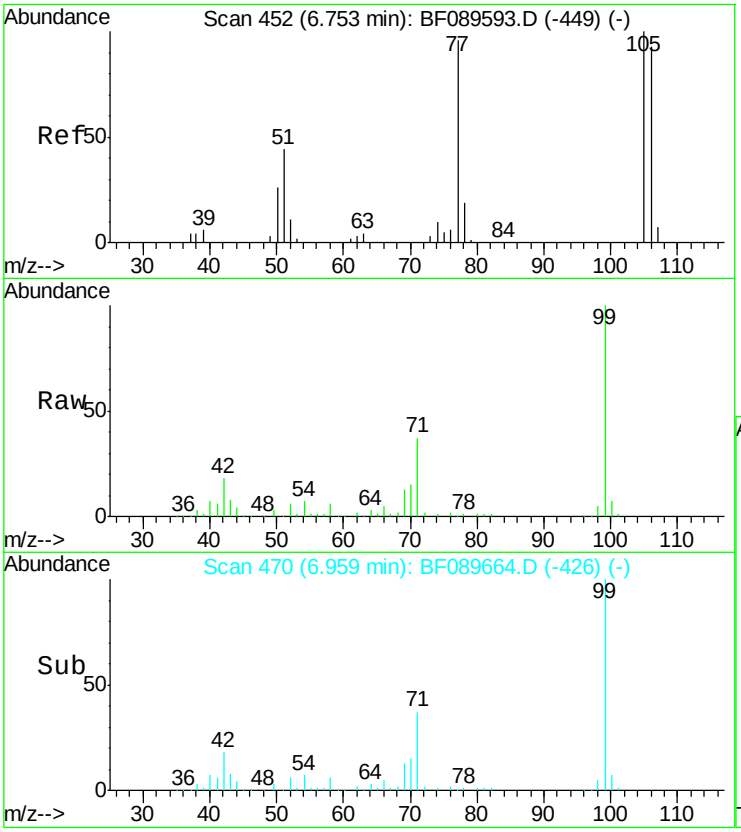


#7
Phenol-d6
Concen: 160.49 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion: 99 Resp: 560413

Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	36.8	29.0	43.4



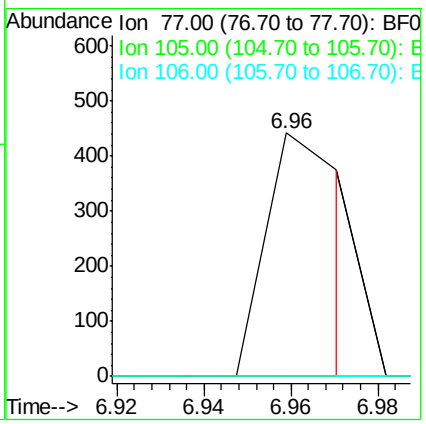


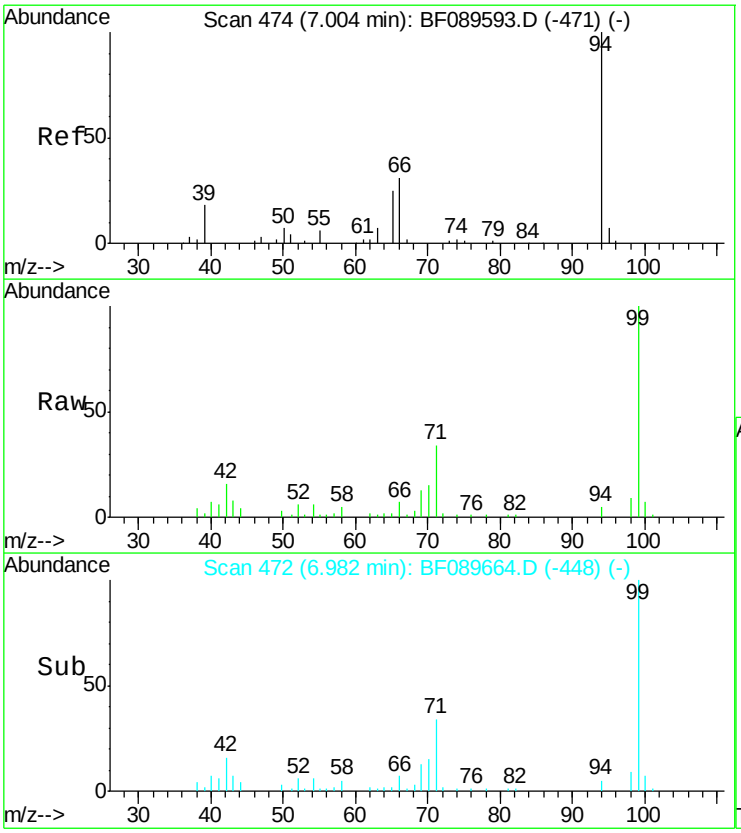
#9
Benzaldehyde
Concen: 0.44 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.21 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion: 77 Resp: 561

Ion	Ratio	Lower	Upper
77	100		
105	0.0	84.7	124.7#
106	0.0	77.1	117.1#

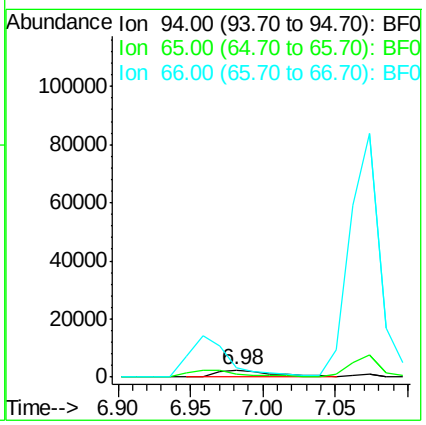


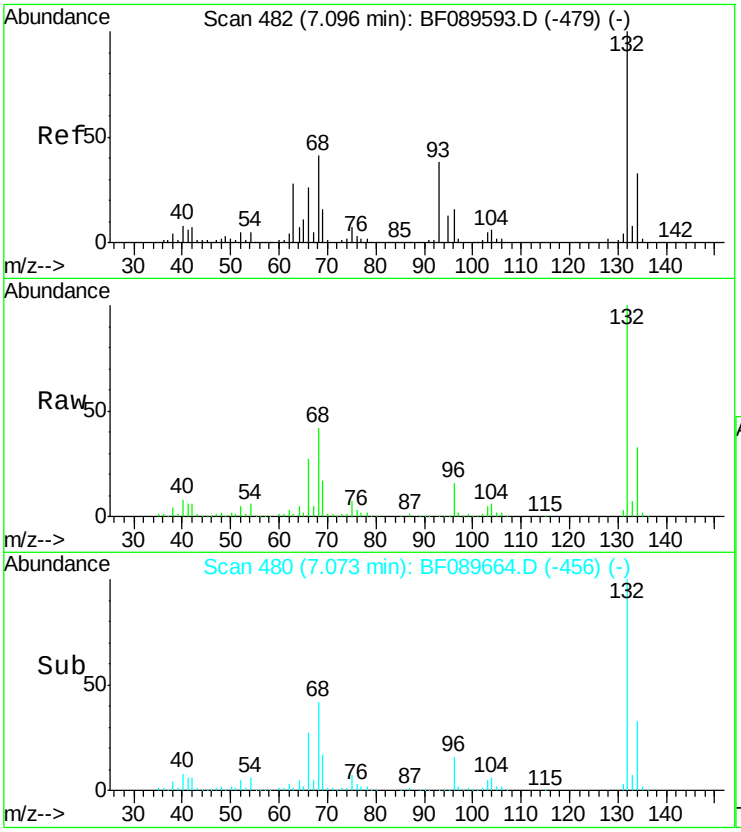


#10
Phenol
Concen: 1.89 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion: 94 Resp: 6784

Ion	Ratio	Lower	Upper
94	100		
65	43.7	11.0	51.0
66	133.2	27.4	67.4#



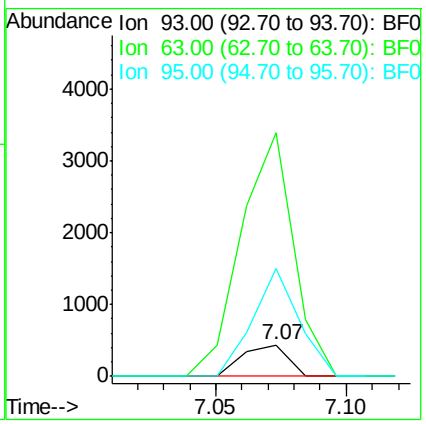


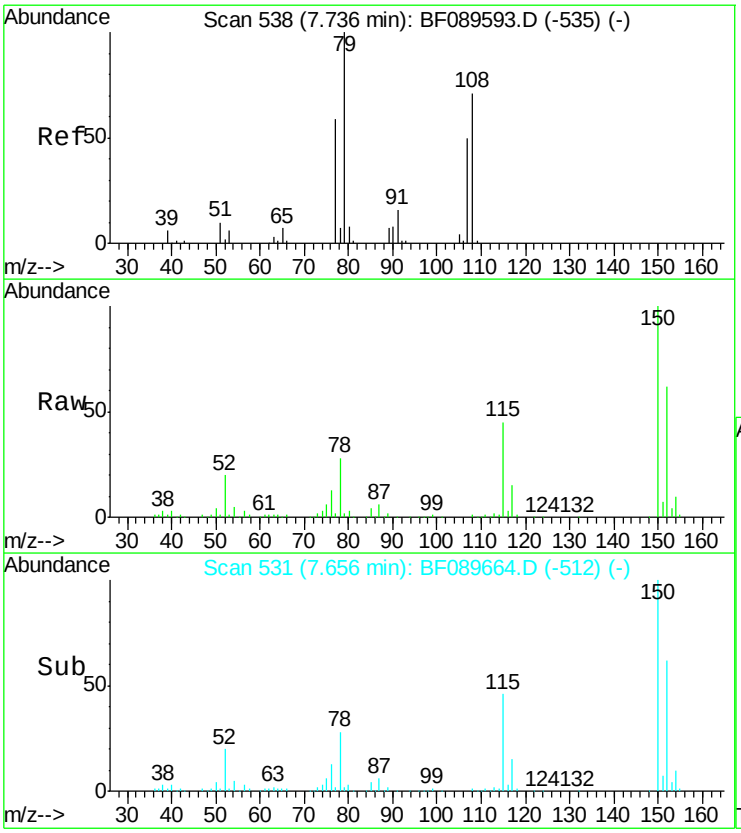
#11
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion: 93 Resp: 534

Ion	Ratio	Lower	Upper
93	100		
63	770.5	52.2	92.2#
95	343.2	13.1	53.1#

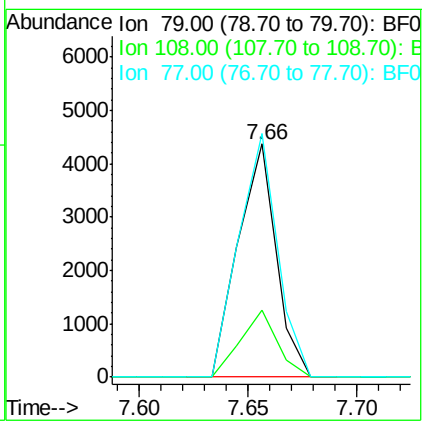


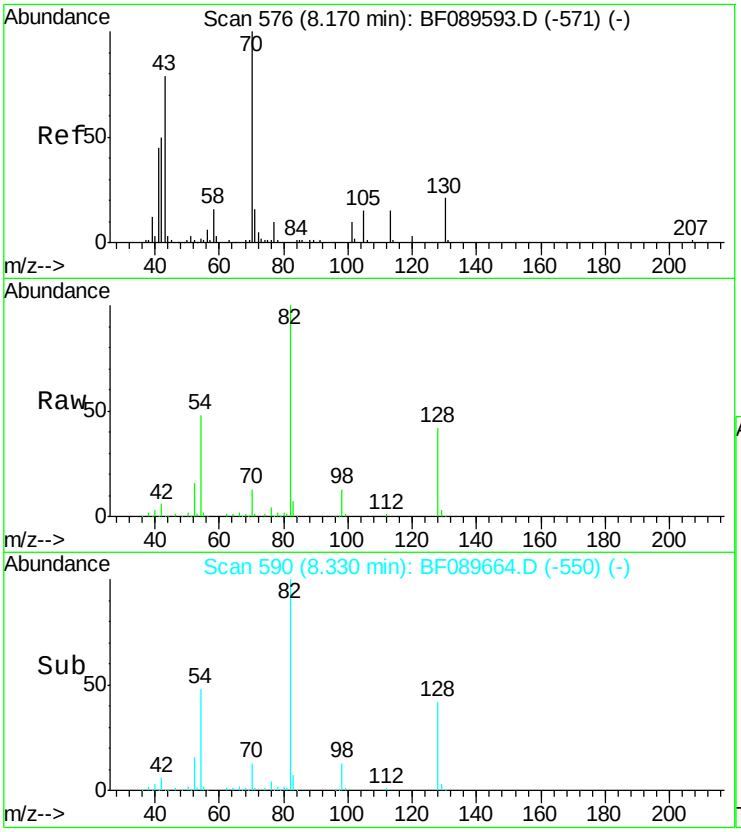


#15
Benzyl Alcohol
Concen: 2.31 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion: 79 Resp: 5288

Ion	Ratio	Lower	Upper
79	100		
108	28.7	58.3	87.5#
77	104.5	48.7	73.1#



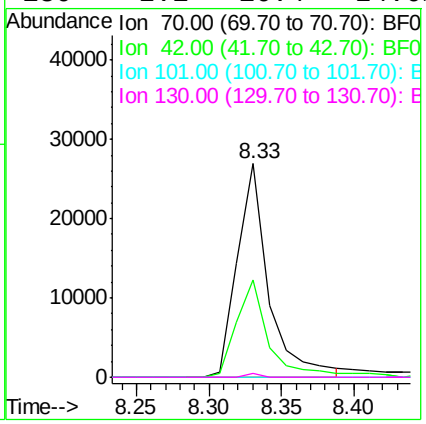


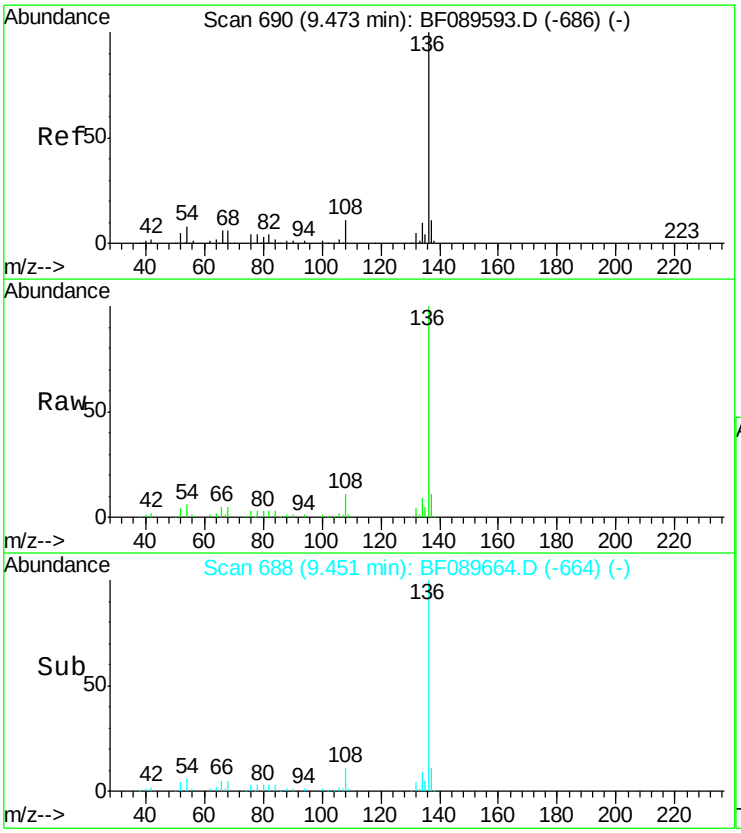
#19
n-Nitroso-di-n-propylamine
Concen: 16.02 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.16 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion: 70 Resp: 40421

Ion	Ratio	Lower	Upper
70	100		
42	45.4	40.2	60.2
101	0.0	7.8	11.6#
130	2.1	16.4	24.6#

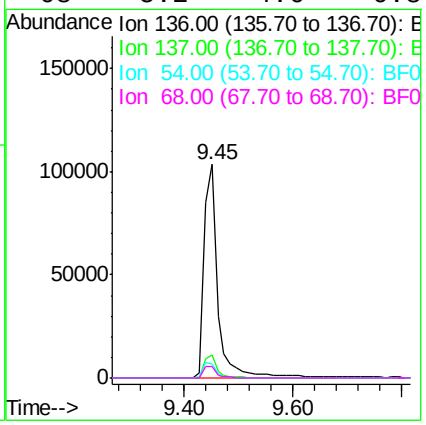


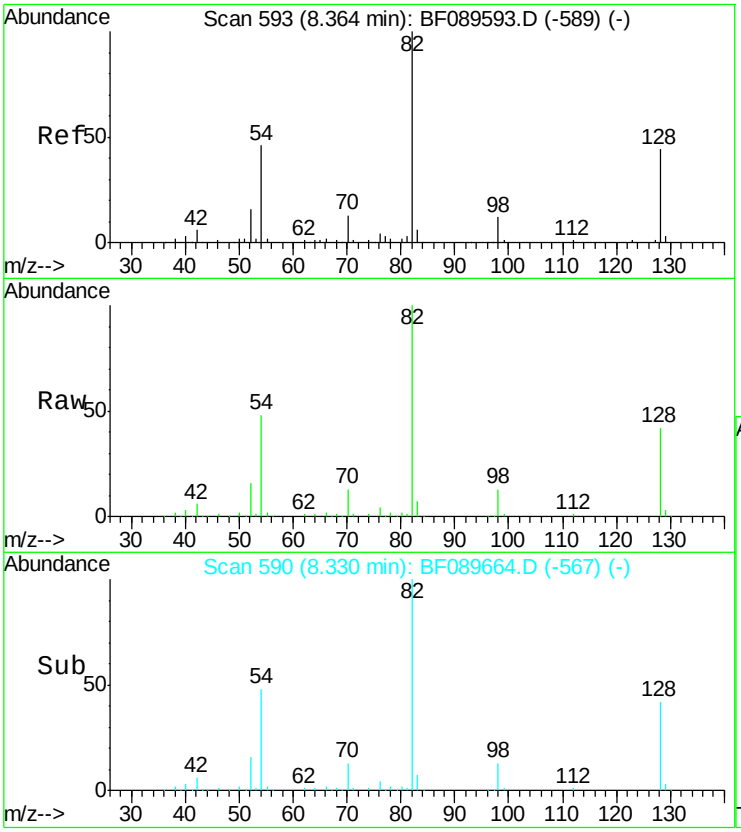


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:136 Resp: 181896

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.4	6.0	9.0
68	5.2	4.6	6.8



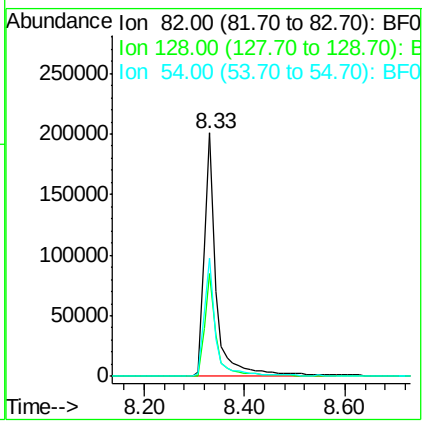


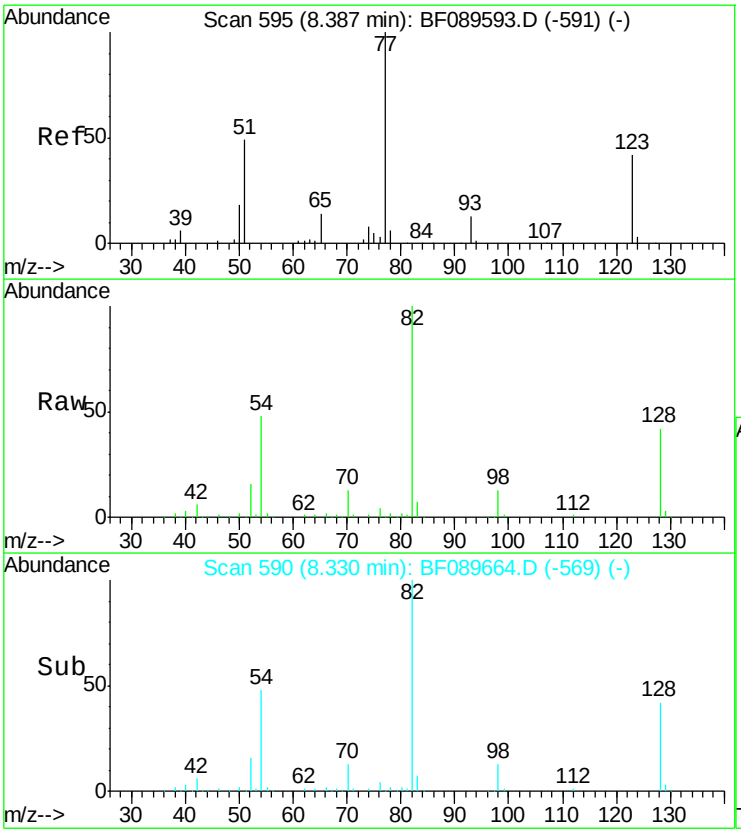
#23
Nitrobenzene-d5
Concen: 101.69 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion: 82 Resp: 334418

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.4	53.0
54	48.4	36.4	54.6

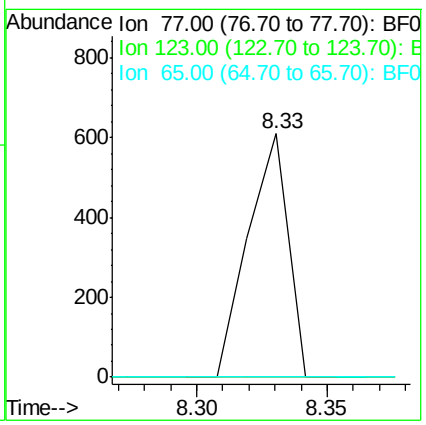


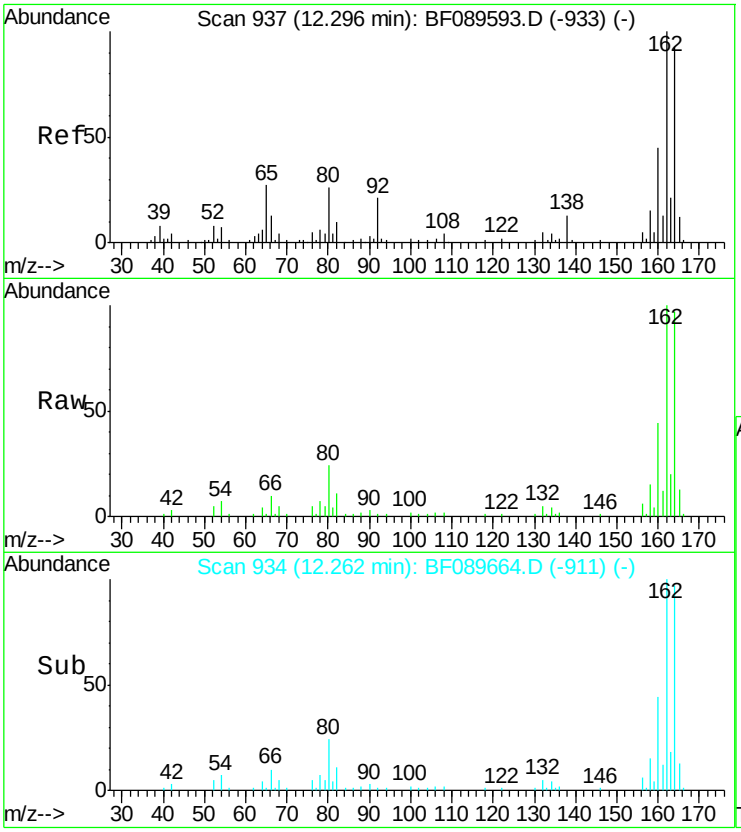


#24
Nitrobenzene
Concen: 0.21 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.06 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion: 77 Resp: 656

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



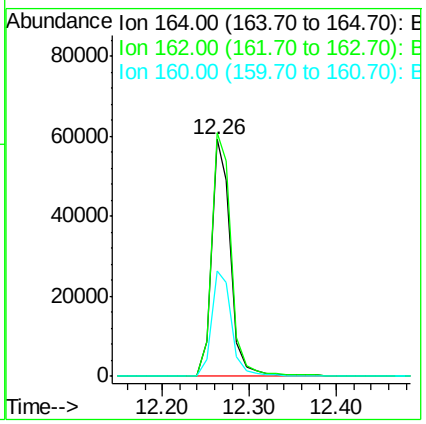


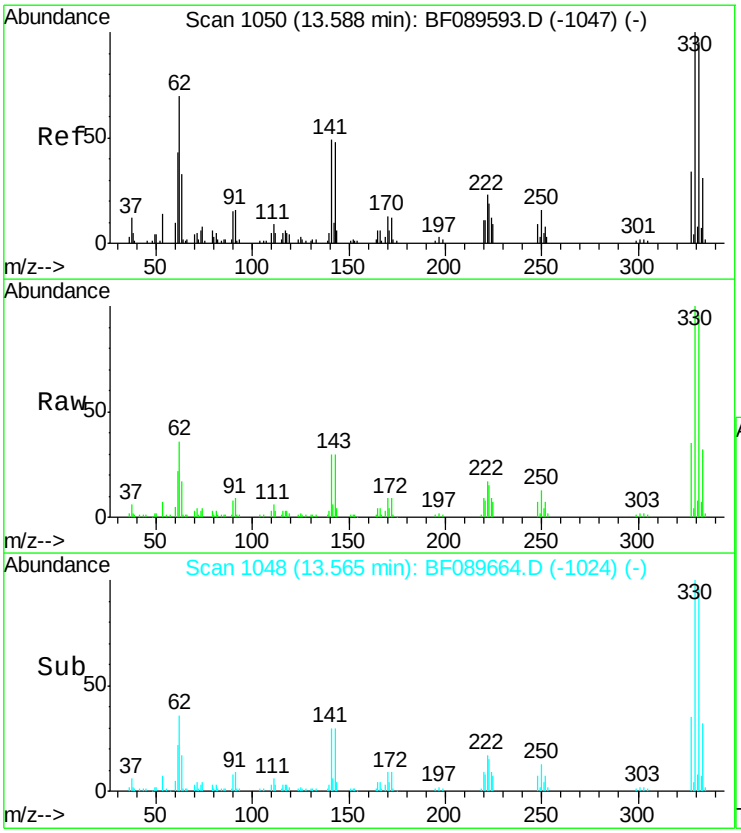
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:164 Resp: 90202

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.7	128.5
160	44.8	38.2	57.4

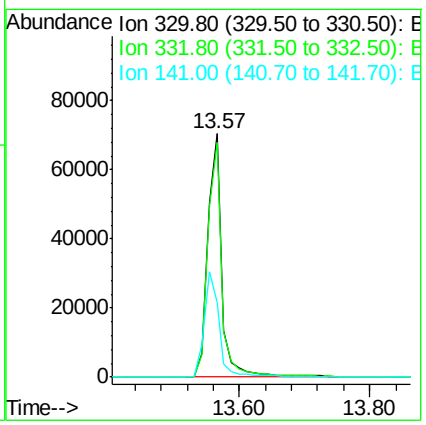


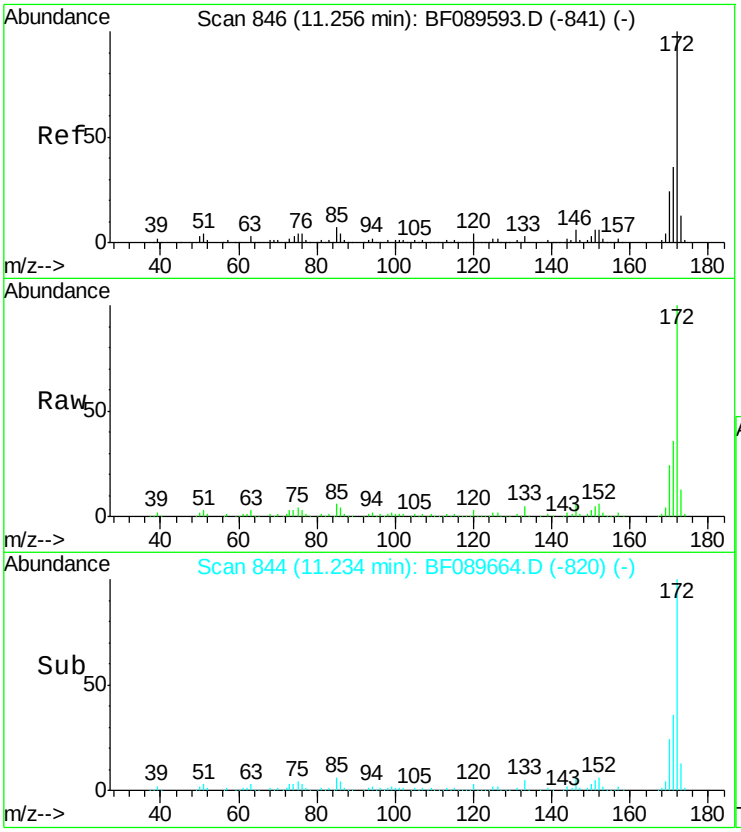


#41
2,4,6-Tribromophenol
Concen: 143.93 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:330 Resp: 107140

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	45.3	38.6	57.8



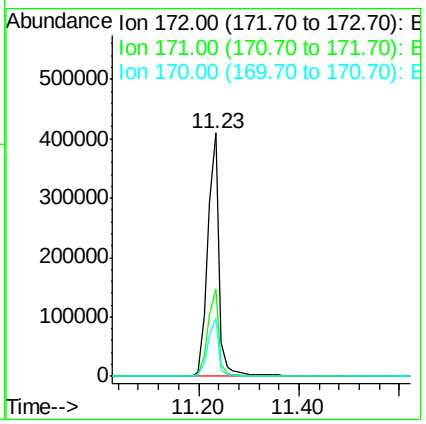


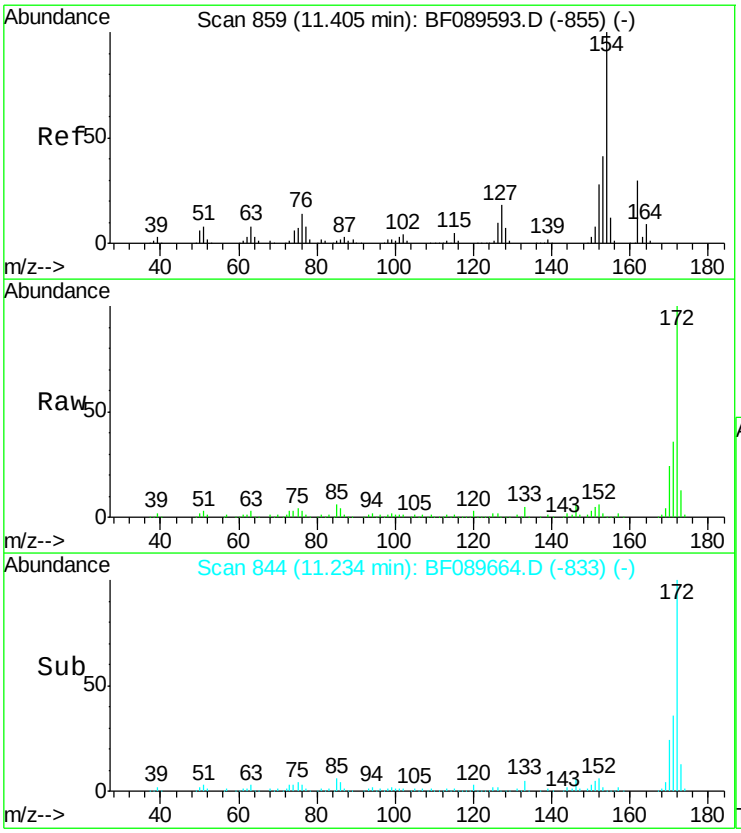
#44
2-Fluorobiphenyl
Concen: 91.99 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:172 Resp: 638481

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.9	43.3
170	23.7	19.0	28.6

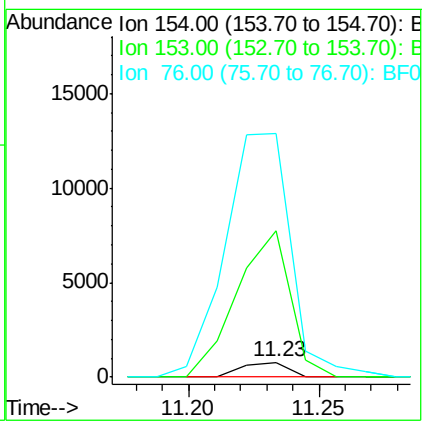


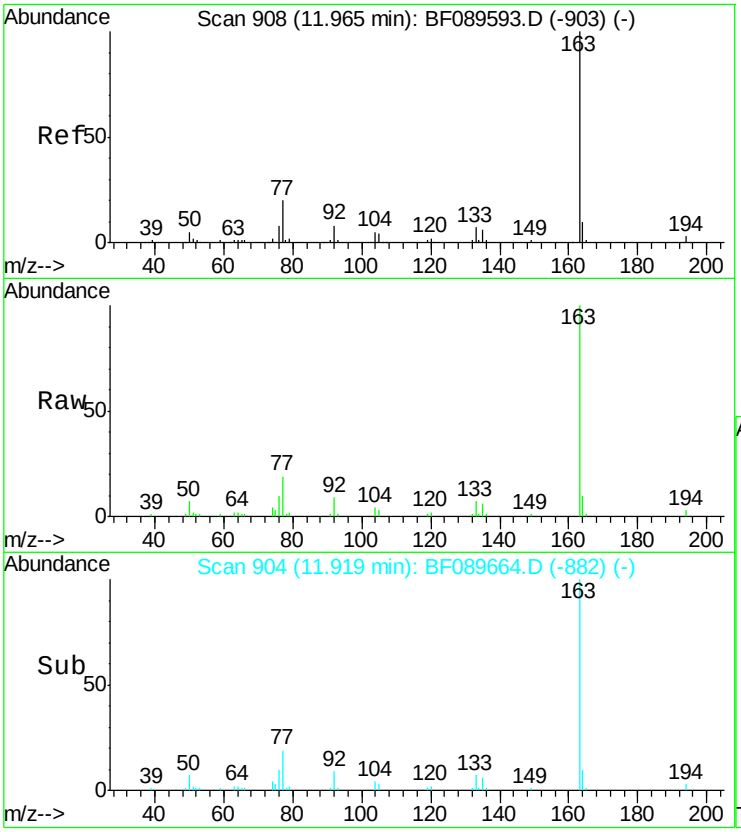


#45
1,1'-Biphenyl
Concen: 0.12 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.17 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:154 Resp: 942

Ion	Ratio	Lower	Upper
154	100		
153	1004.8	20.6	60.6#
76	1666.9	0.0	33.7#



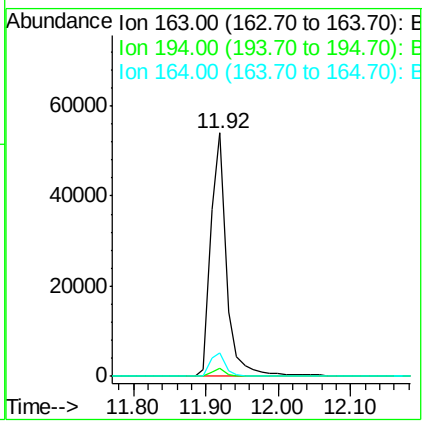


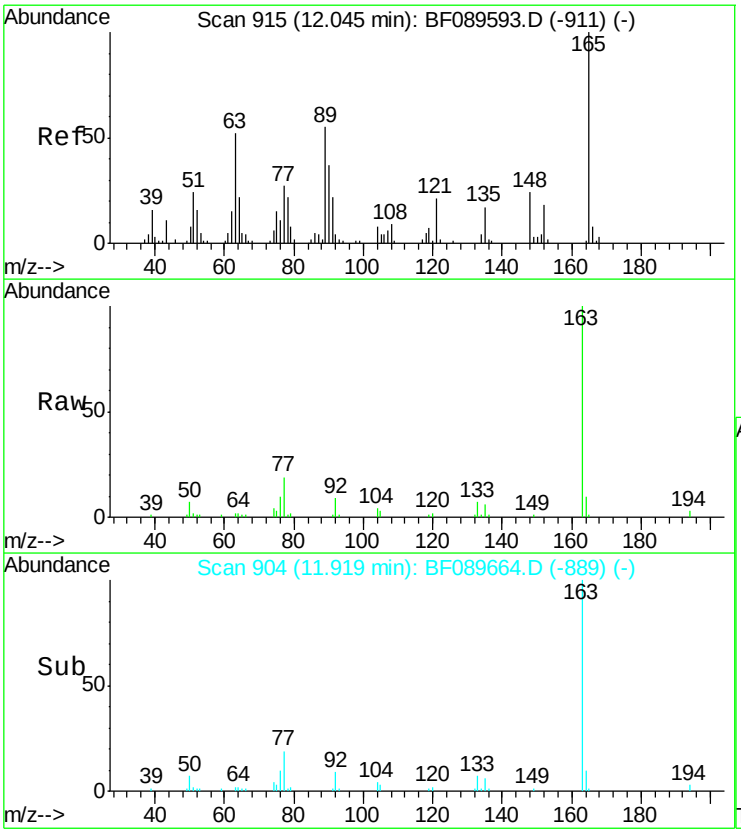
#49
Dimethylphthalate
Concen: 11.60 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:163 Resp: 81985

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	9.8	7.8	11.6

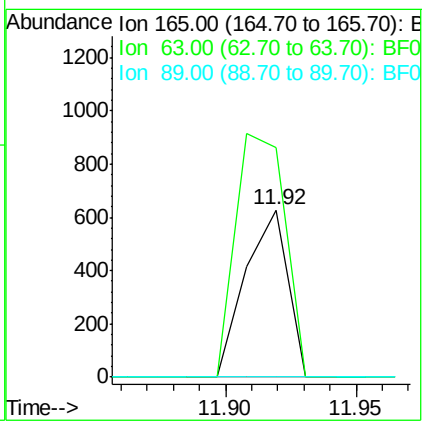


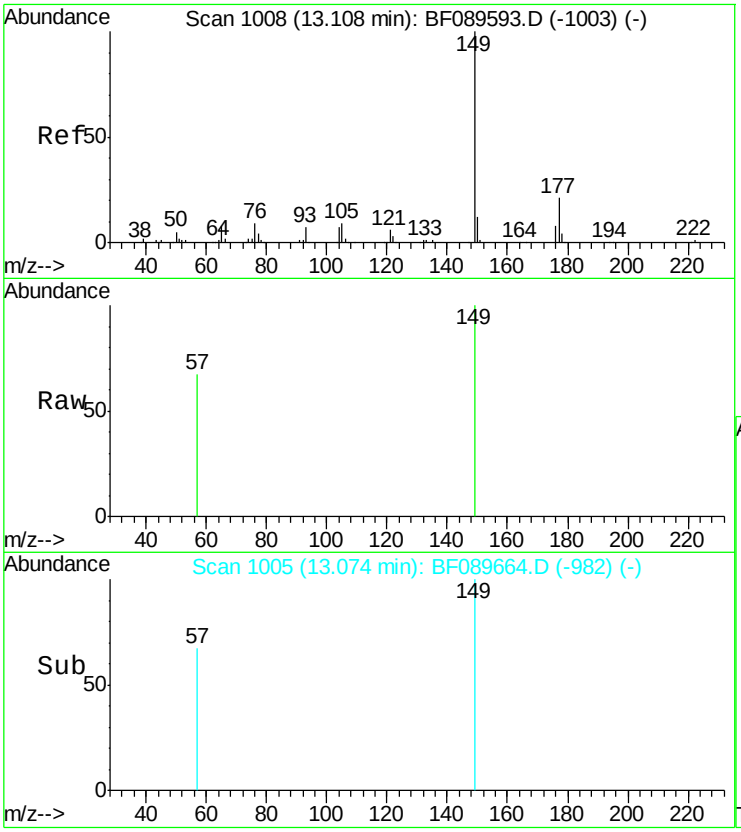


#50
2,6-Dinitrotoluene
Concen: 0.51 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.13 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:165 Resp: 715

Ion	Ratio	Lower	Upper
165	100		
63	137.1	44.6	67.0#
89	0.0	44.2	66.2#



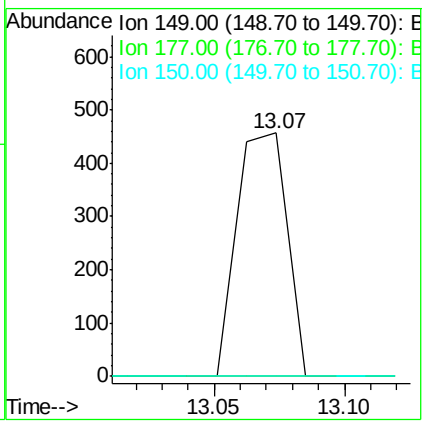


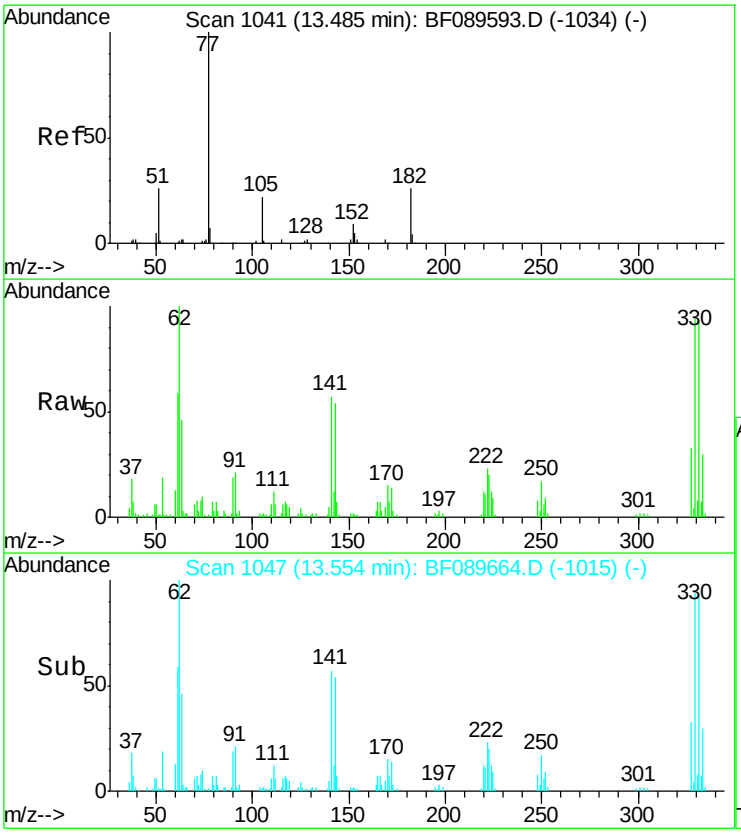
#59
Diethylphthalate
Concen: 0.08 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:149 Resp: 615

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

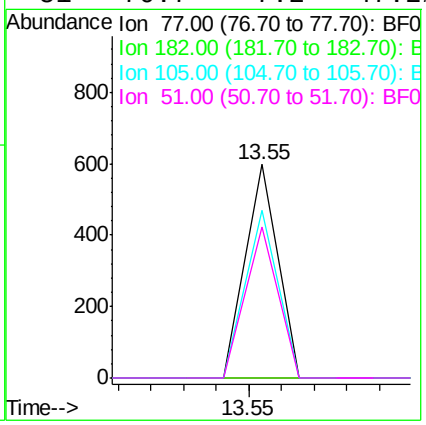


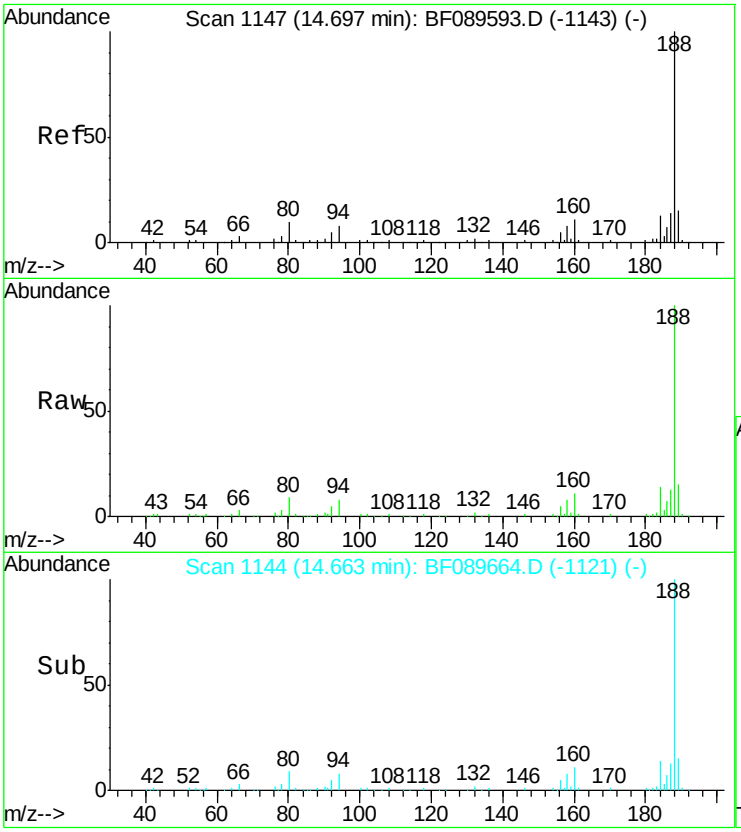


#62
Azobenzene
Concen: 0.06 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion: 77 Resp: 410

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	78.3	2.9	42.9#
51	70.7	7.2	47.2#



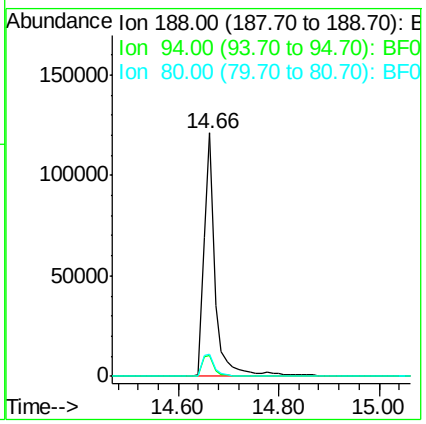


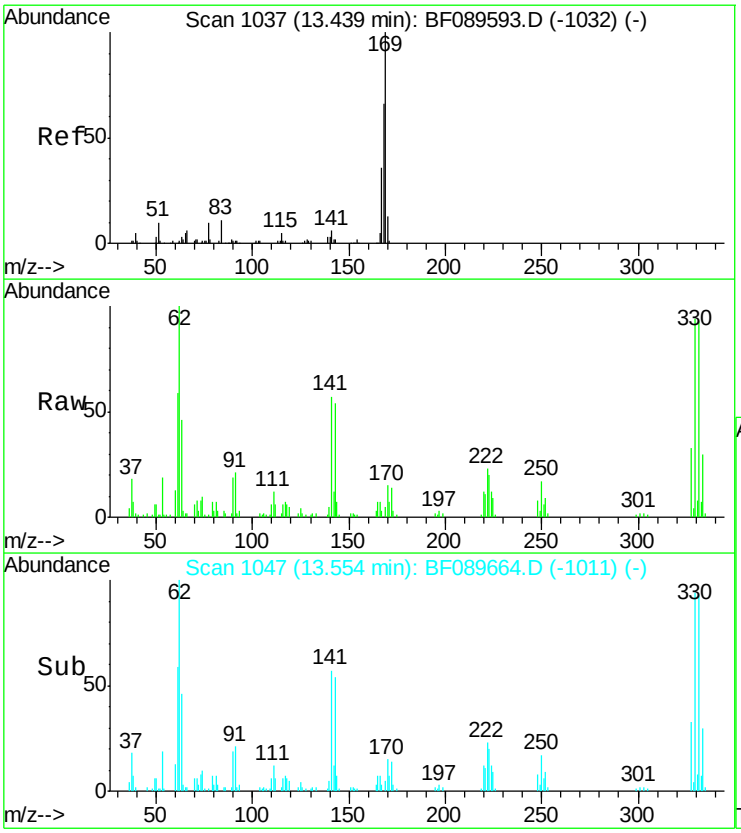
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:188 Resp: 186609

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.5	9.7
80	9.3	8.0	12.0

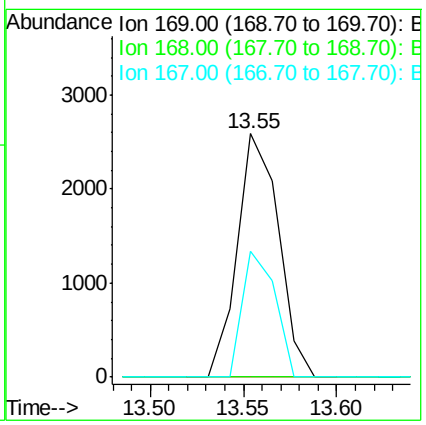


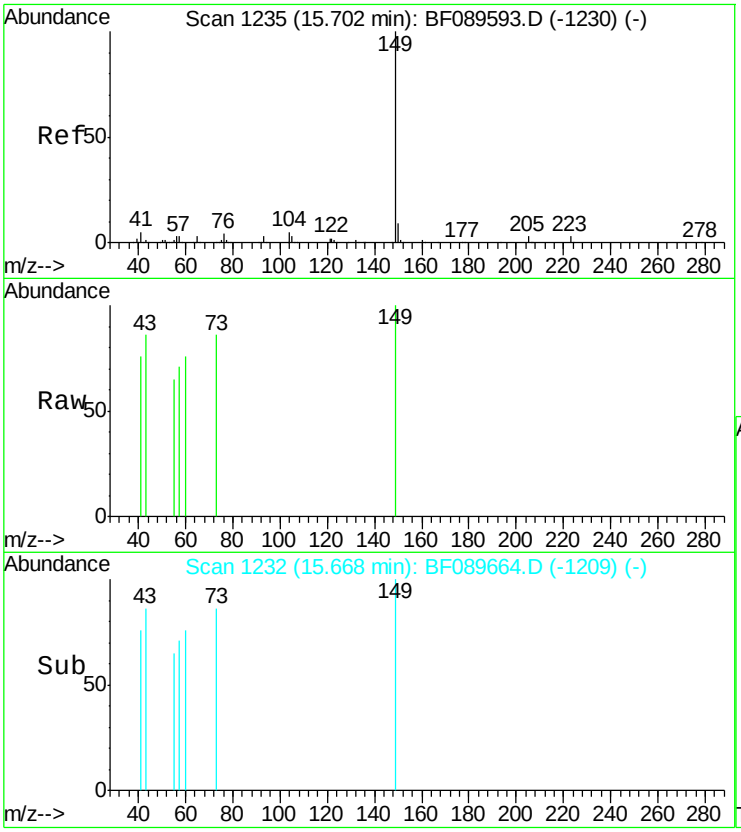


#65
n-Nitrosodiphenylamine
Concen: 0.63 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:169 Resp: 3968

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	51.9	28.9	43.3#



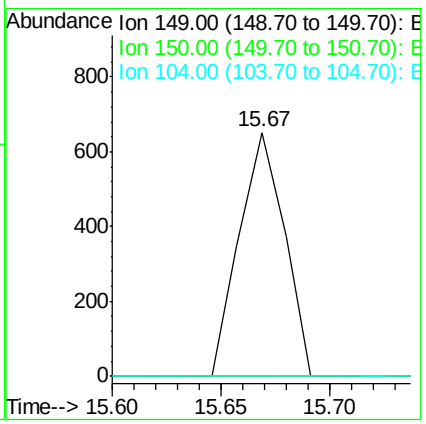


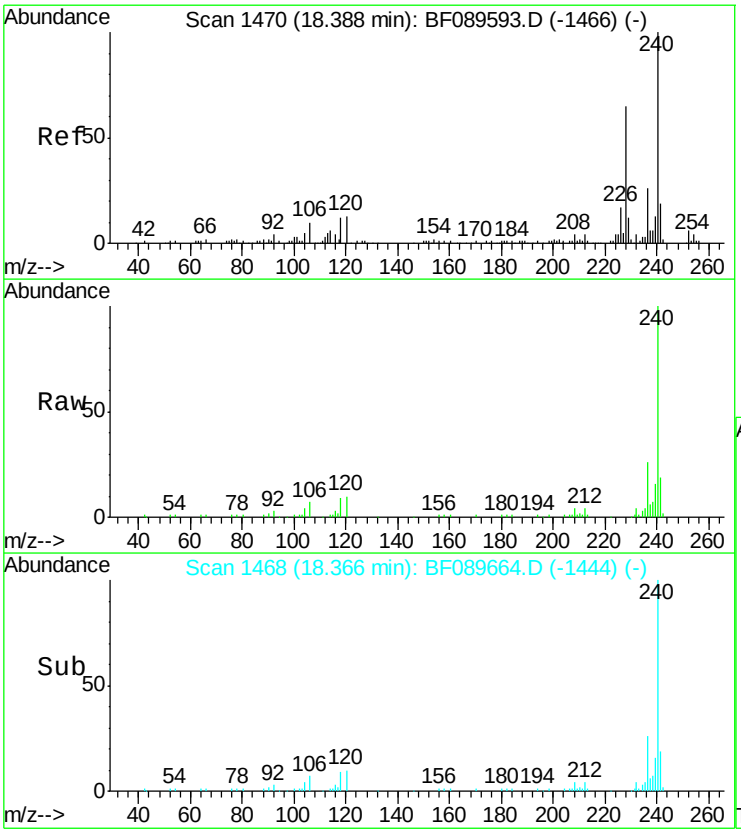
#73
Di-n-butylphthalate
Concen: 0.08 ng
RT: 15.67 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:149 Resp: 940

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	3.8	5.8#

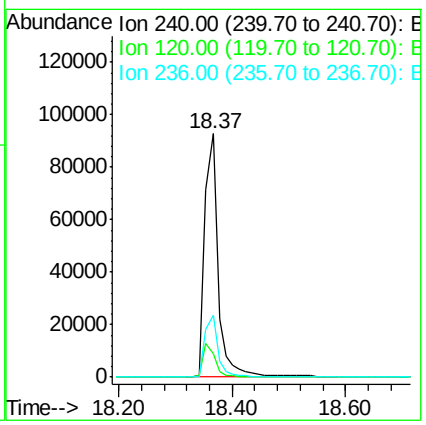


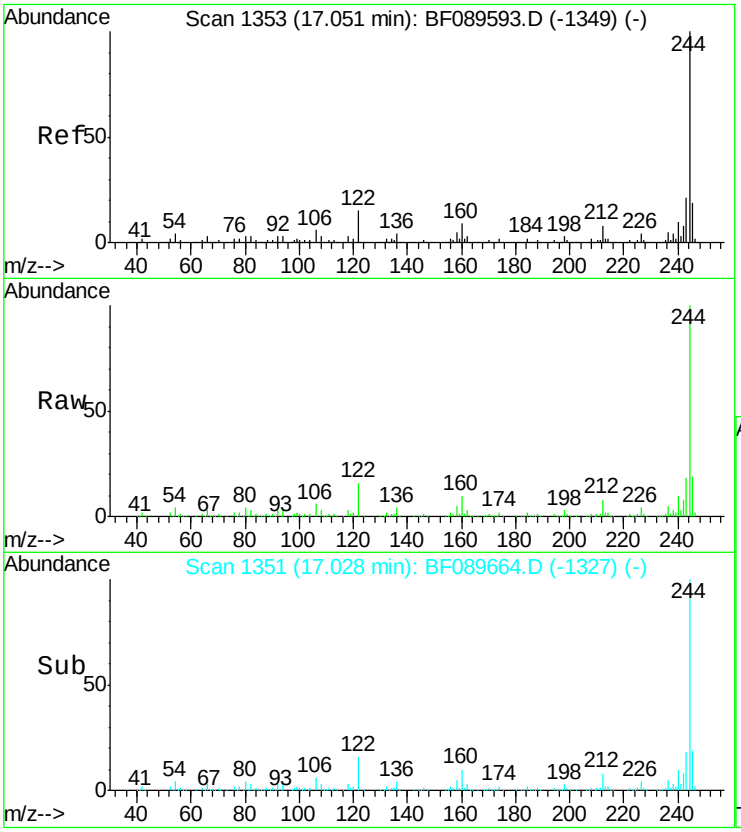


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:240 Resp: 146116

Ion	Ratio	Lower	Upper
240	100		
120	9.7	10.6	15.8#
236	25.6	20.6	30.8



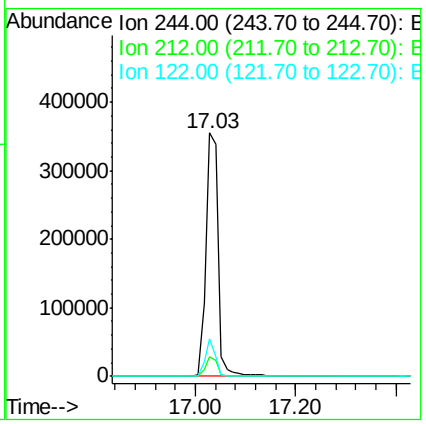


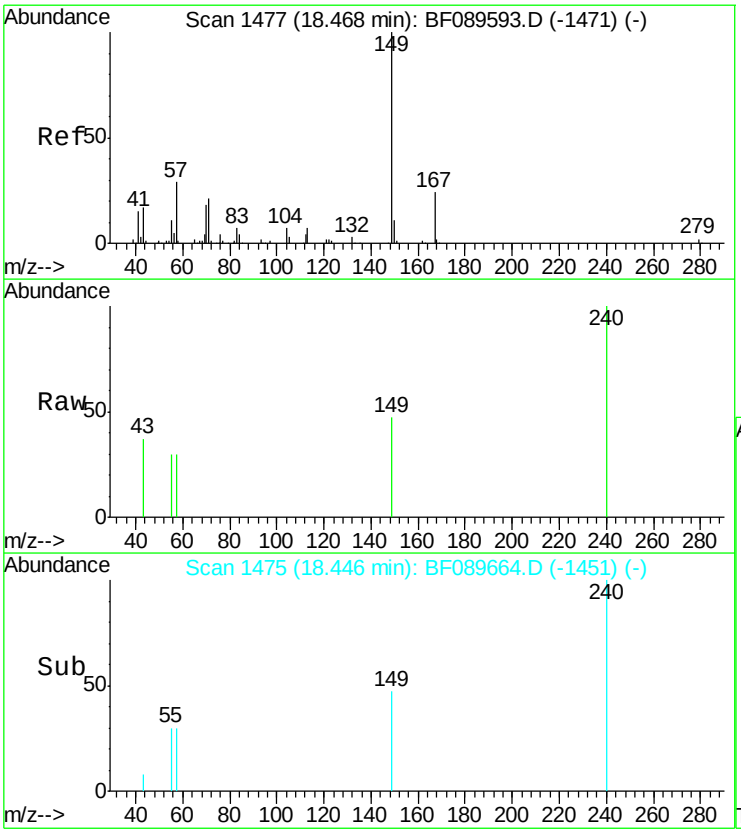
#78
Terphenyl-d14
Concen: 80.63 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:244 Resp: 596815

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.4	9.6
122	15.6	12.2	18.2

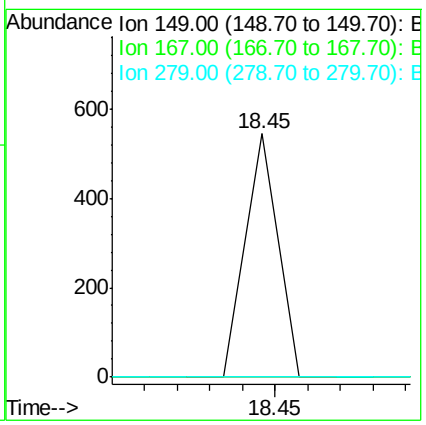


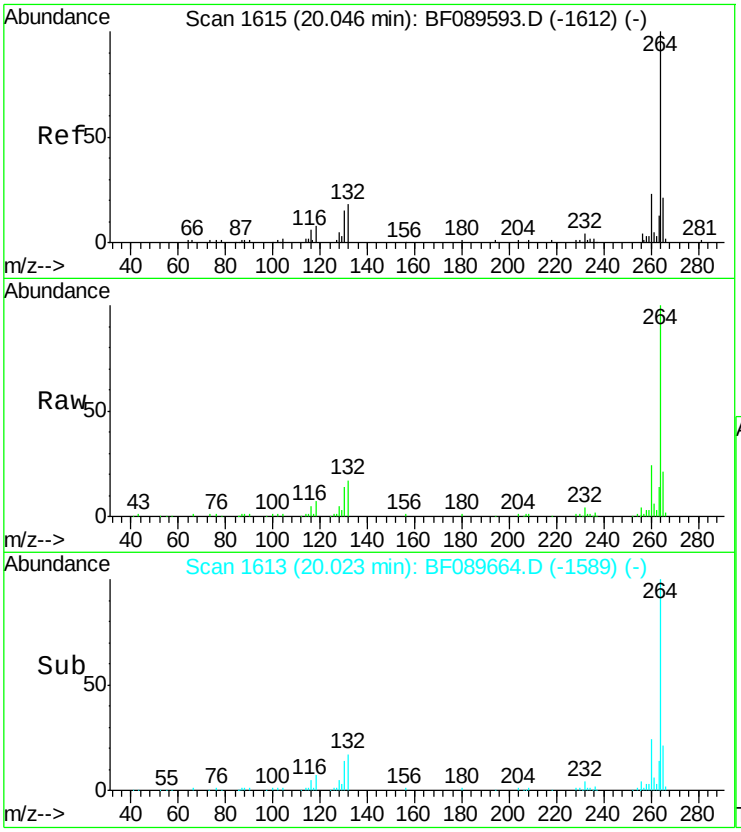


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.05 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:149 Resp: 373

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.0	28.4#
279	0.0	1.8	2.6#



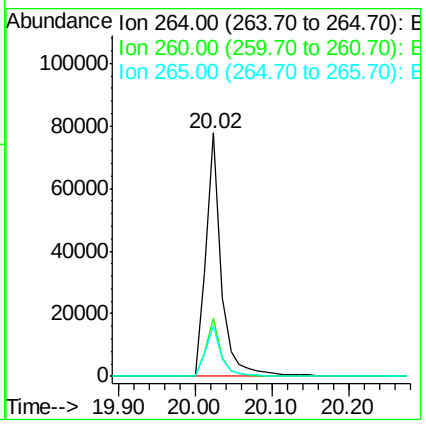


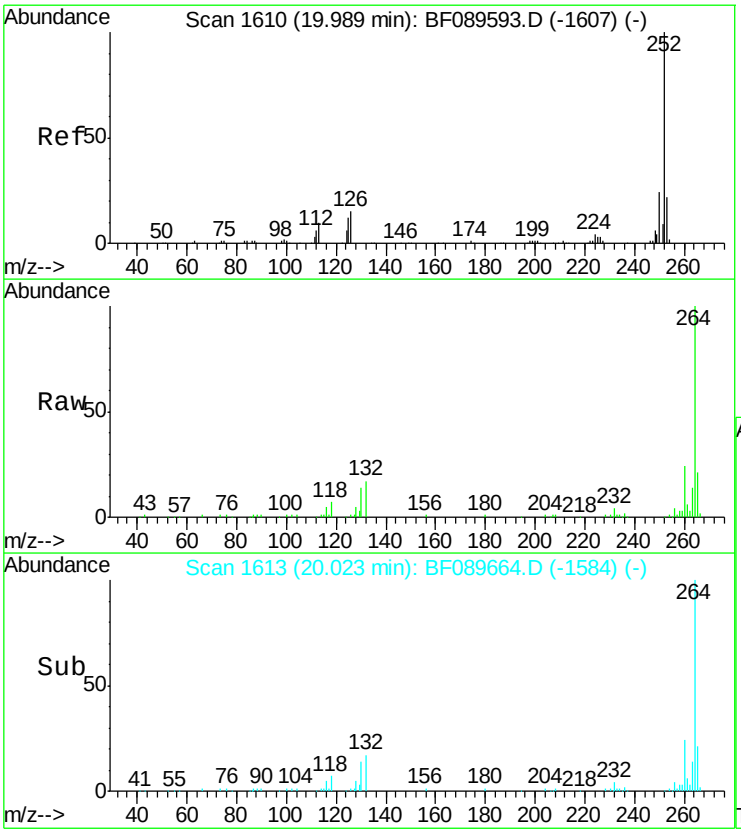
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Instrument :
BNA_F
ClientSampleId :
CORE-F

Tgt Ion:264 Resp: 106942

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	20.7	16.5	24.7





#89
Benzo(a)pyrene
Concen: 0.03 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.03 min
Lab File: BF089664.D
Acq: 8 Aug 2016 16:35

Tgt Ion:252 Resp: 214

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	9.9	14.9#