Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089622.D
Acq On : 5 Aug 2016 10:19
Operator : UM/SJ
Sample : H4287-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-60-7.5-12.5

Quant Time: Aug 05 13:40:02 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	7.45	152	42427	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	182402	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	89371	20.00	ng	0.00
63) Phenanthrene-d10	14.69	188	171046	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	112134	20.00	ng	0.00
86) Perylene-d12	20.05	264	81318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	151062	59.68	ng	0.02
7) Phenol-d6	6.98	99	135618	39.49	ng	0.00
23) Nitrobenzene-d5	8.35	82	292647	88.74	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	96692	131.10	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	571178	83.06	ng	0.00
78) Terphenyl-d14	17.05	244	469381	82.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.00	94	206	0.06	ng	# 1
15) Benzyl Alcohol	7.68	79	4328	1.92	ng	# 47
19) n-Nitroso-di-n-propylamine	8.35	70	34585	13.94	ng	# 81
24) Nitrobenzene	8.35	77	583	0.19	ng	# 42
45) 1,1'-Biphenyl	11.26	154	910	0.11	ng	# 1
49) Dimethylphthalate	11.94	163	28551	4.08	ng	99
50) 2,6-Dinitrotoluene	12.28	165	9537	6.85	ng	# 24
62) Azobenzene	13.58	77	280	0.04	ng	# 1
65) n-Nitrosodiphenylamine	13.58	169	3608	0.62	ng	# 39
73) Di-n-butylphthalate	15.69	149	954	0.08	ng	# 79
83) Bis(2-ethylhexyl)phthalate	18.47	149	935	0.16	ng	# 55

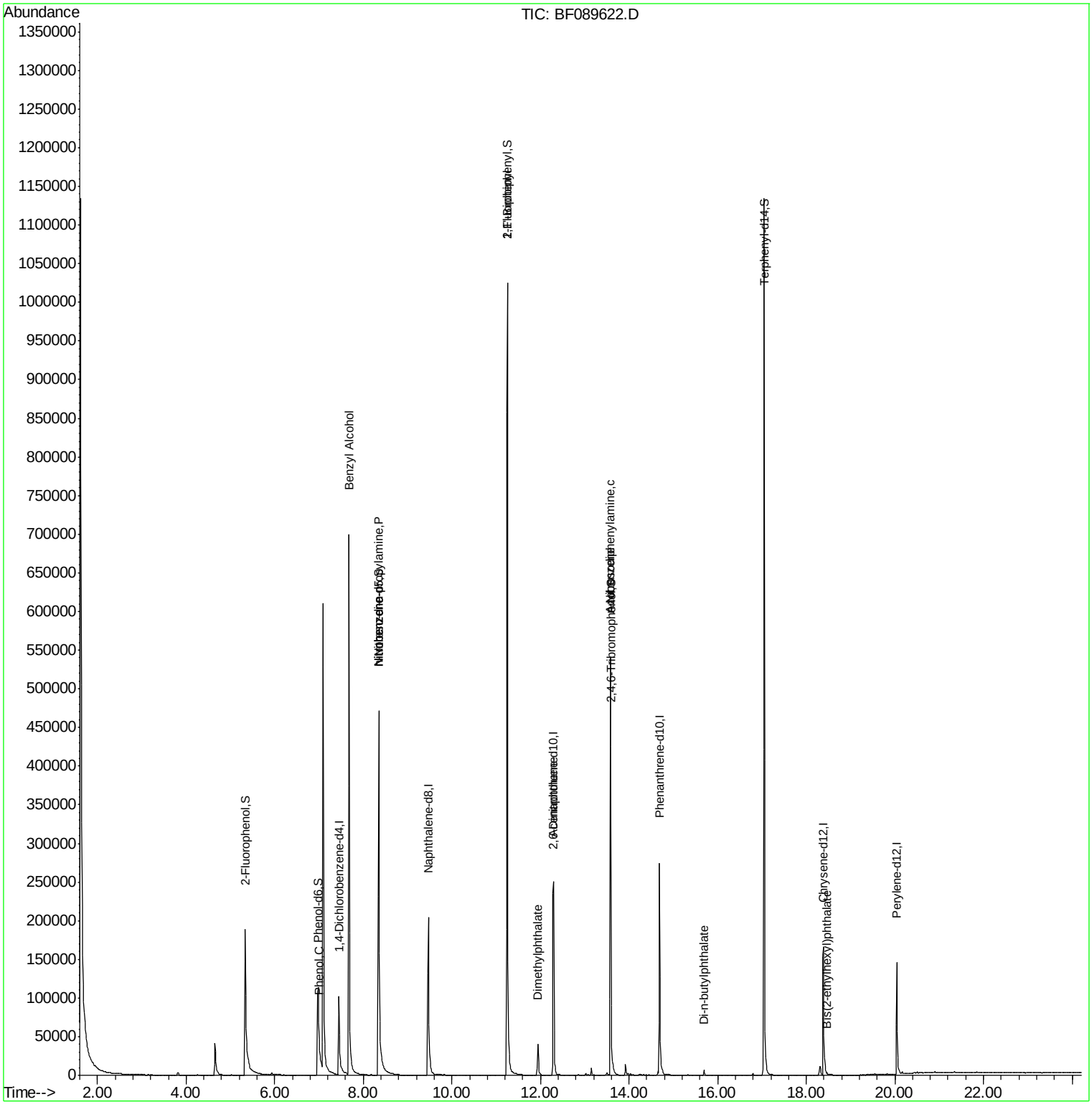
(#) = qualifier out of range (m) = manual integration (+) = signals summed

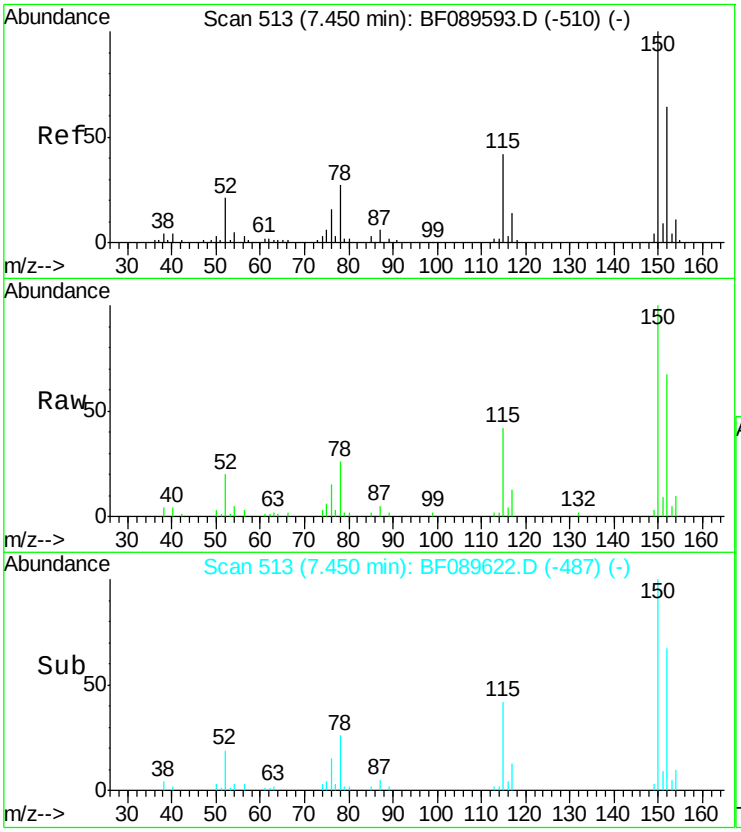
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089622.D
Acq On : 5 Aug 2016 10:19
Operator : UM/SJ
Sample : H4287-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Quant Time: Aug 05 13:40:02 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



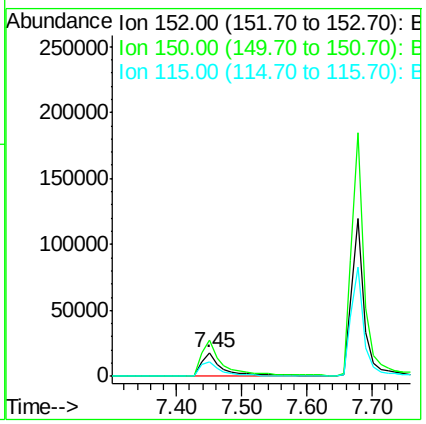


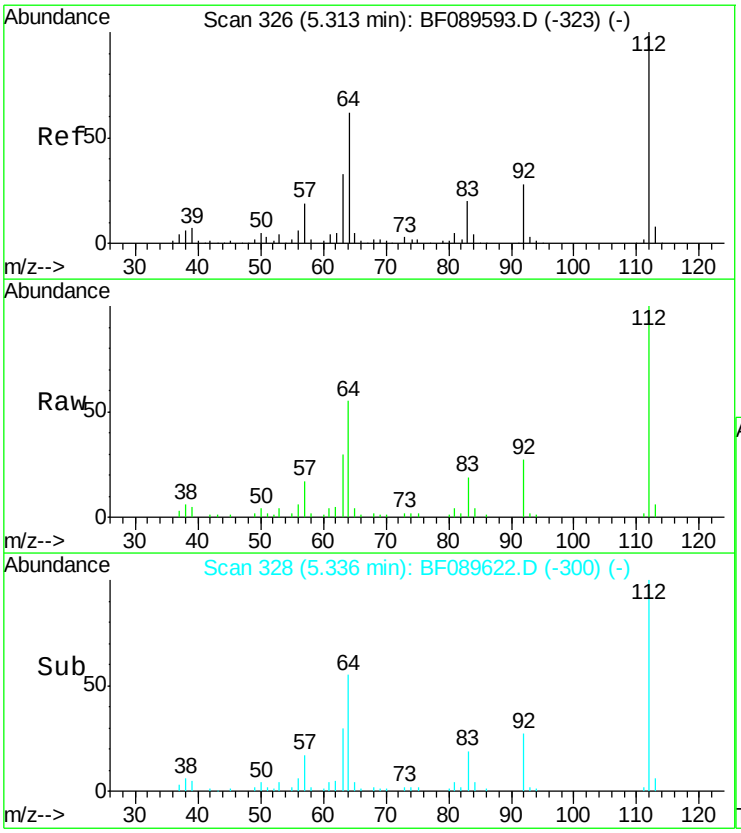
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.45 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:152 Resp: 42427

Ion	Ratio	Lower	Upper
152	100		
150	149.8	125.5	188.3
115	62.3	52.0	78.0

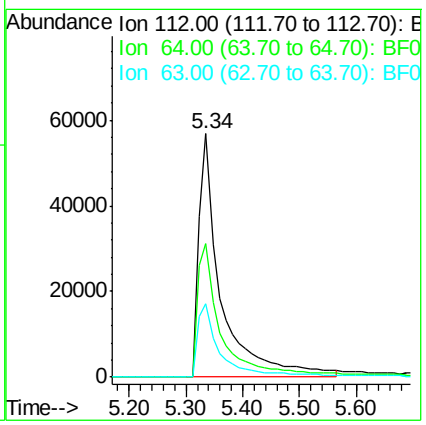


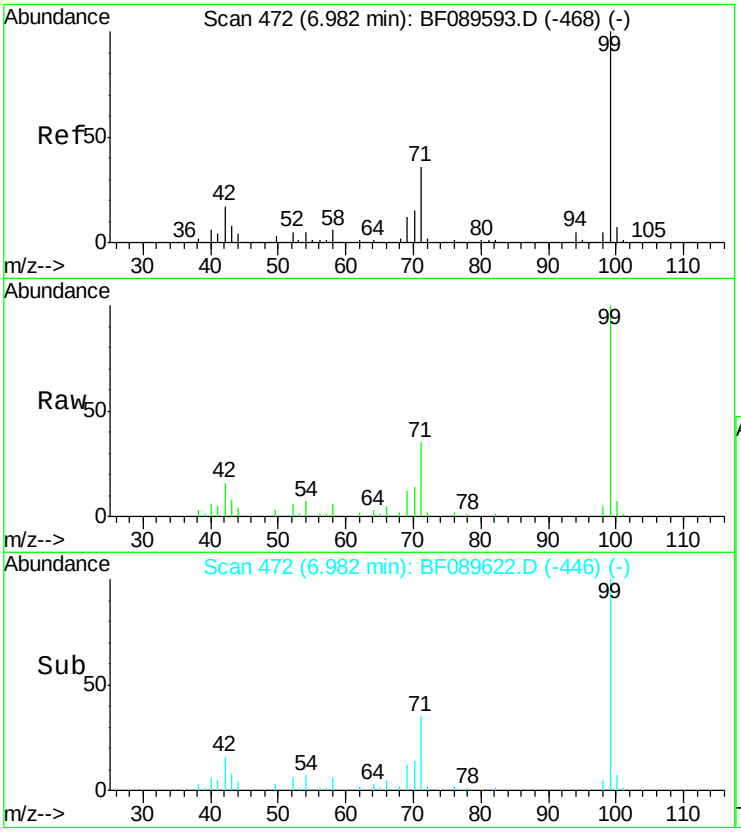


#5
2-Fluorophenol
Concen: 59.68 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.02 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:112 Resp: 151062

Ion	Ratio	Lower	Upper
112	100		
64	54.8	49.9	74.9
63	29.9	26.1	39.1



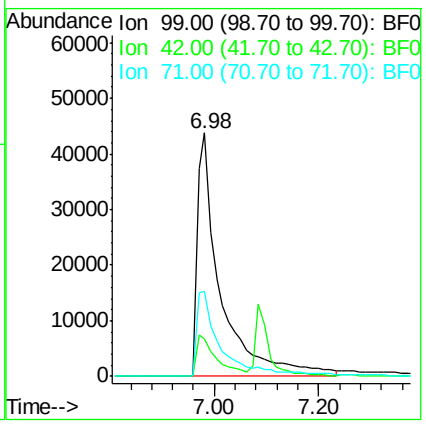


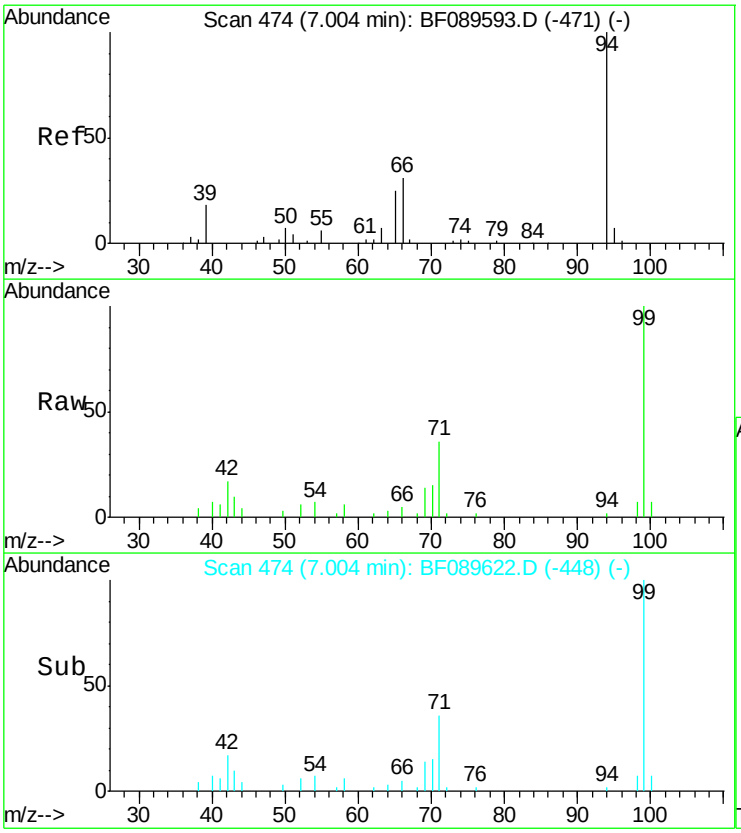
#7
Phenol-d6
Concen: 39.49 ng
RT: 6.98 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion: 99 Resp: 135618

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.7	20.5
71	34.9	29.0	43.4

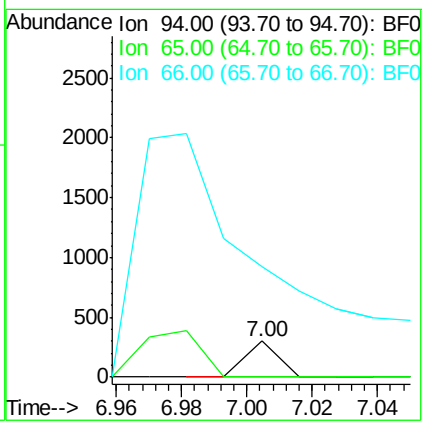


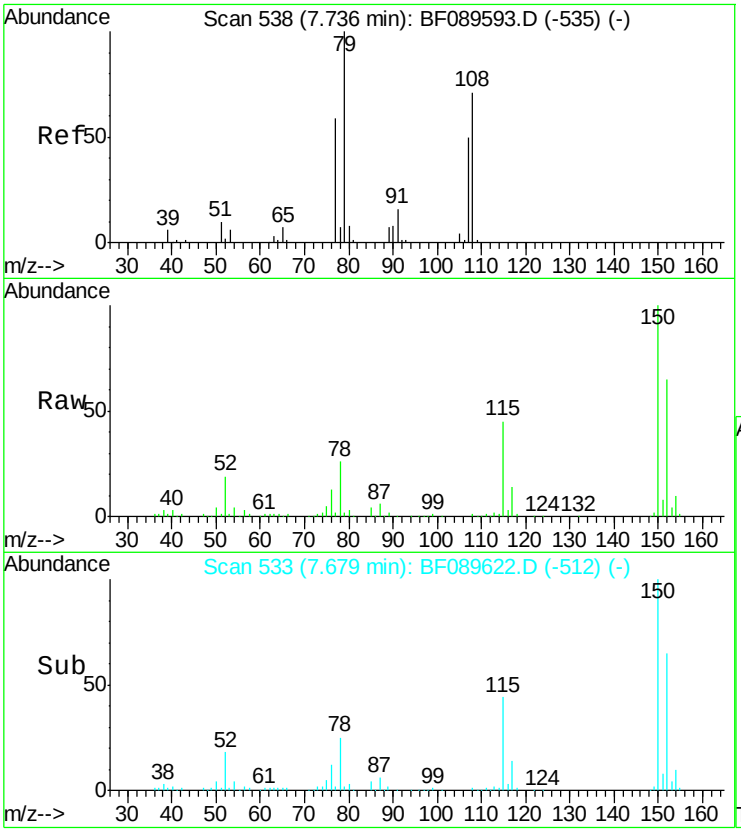


#10
Phenol
Concen: 0.06 ng
RT: 7.00 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion: 94 Resp: 206

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.0	51.0#
66	307.0	27.4	67.4#



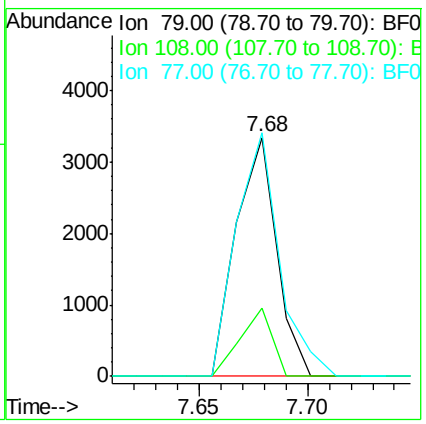


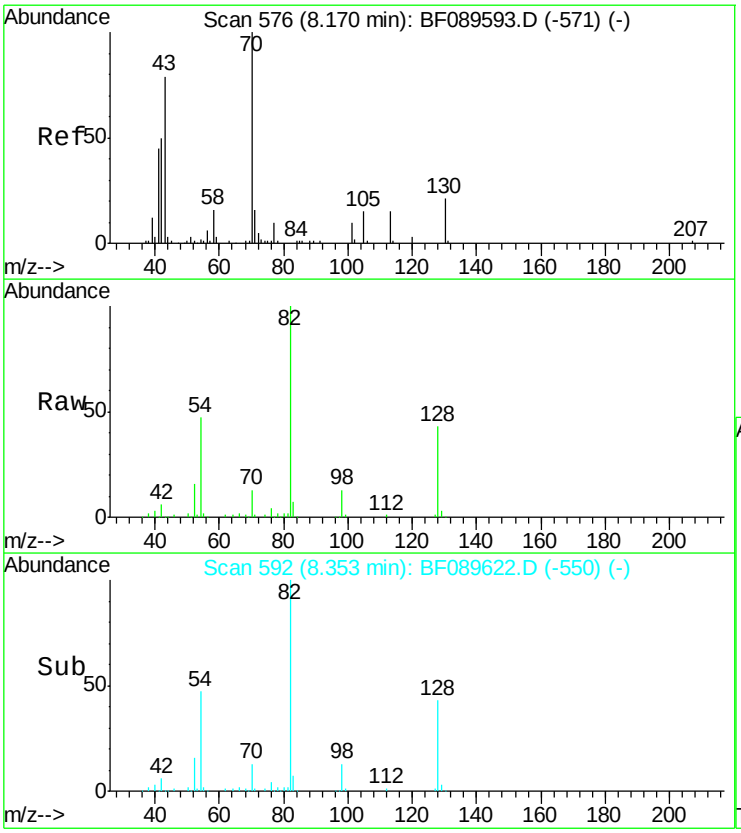
#15
Benzyl Alcohol
Concen: 1.92 ng
RT: 7.68 min Scan# 533
Delta R.T. -0.06 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion: 79 Resp: 4328

Ion	Ratio	Lower	Upper
79	100		
108	28.6	58.3	87.5#
77	102.0	48.7	73.1#

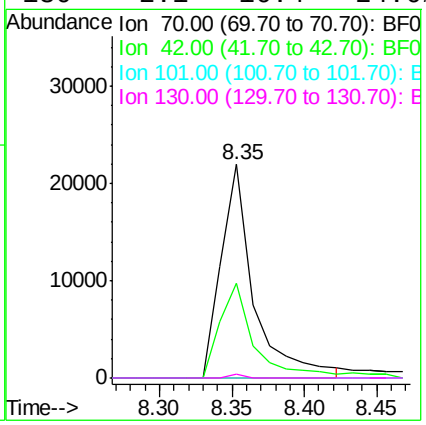


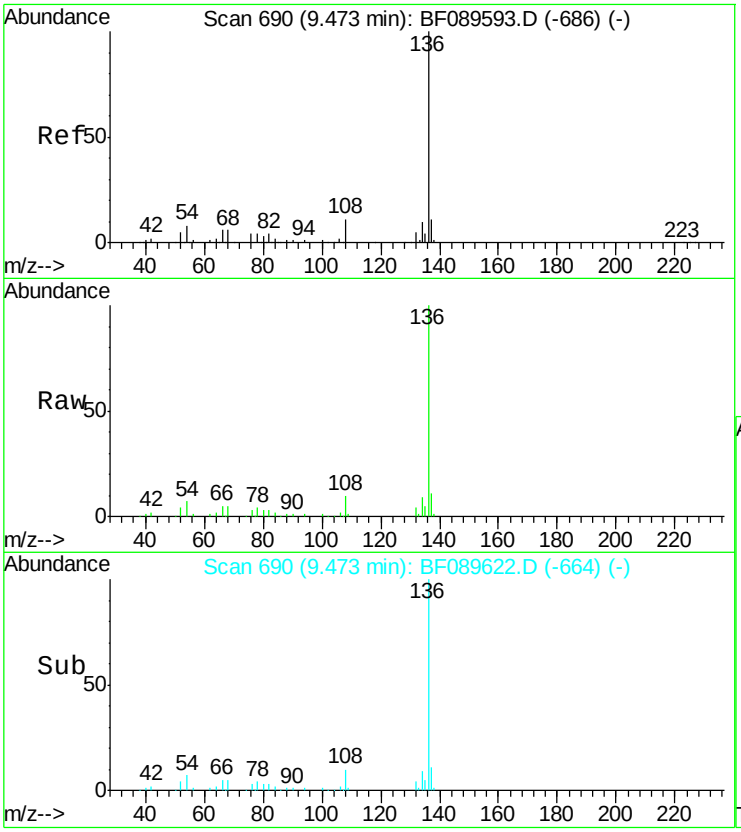


#19
n-Nitroso-di-n-propylamine
Concen: 13.94 ng
RT: 8.35 min Scan# 592
Delta R.T. 0.18 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion: 70 Resp: 34585

Ion	Ratio	Lower	Upper
70	100		
42	44.3	40.2	60.2
101	0.0	7.8	11.6#
130	2.1	16.4	24.6#



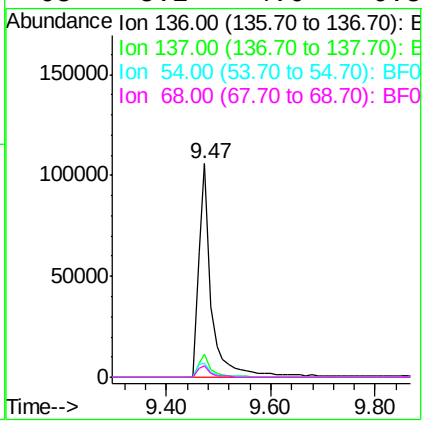


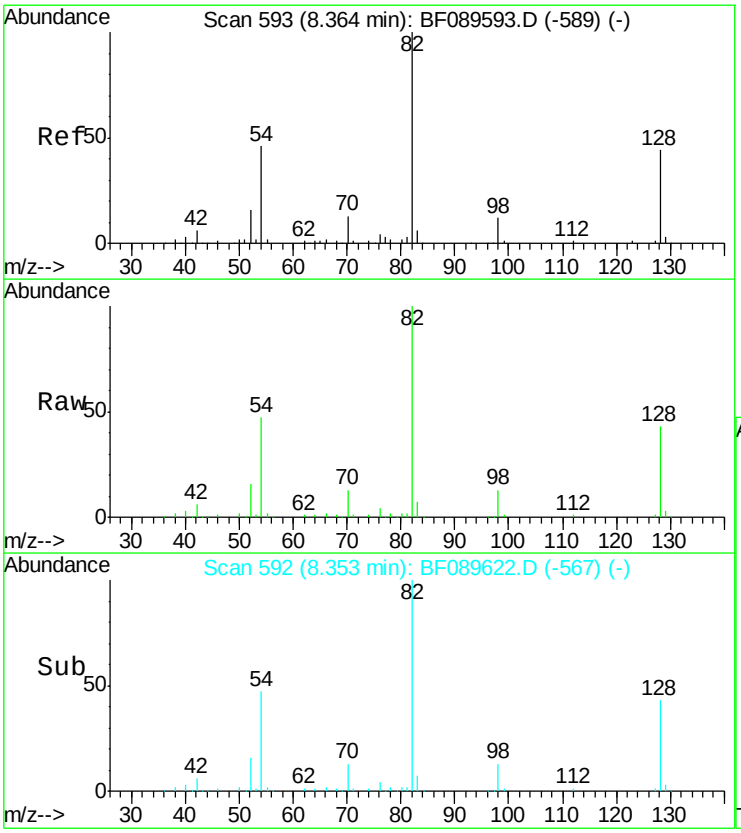
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:136 Resp: 182402

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	6.5	6.0	9.0
68	5.2	4.6	6.8

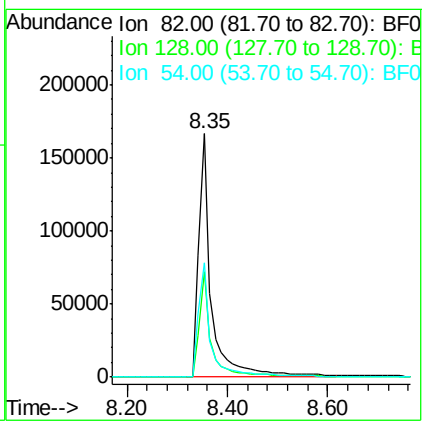


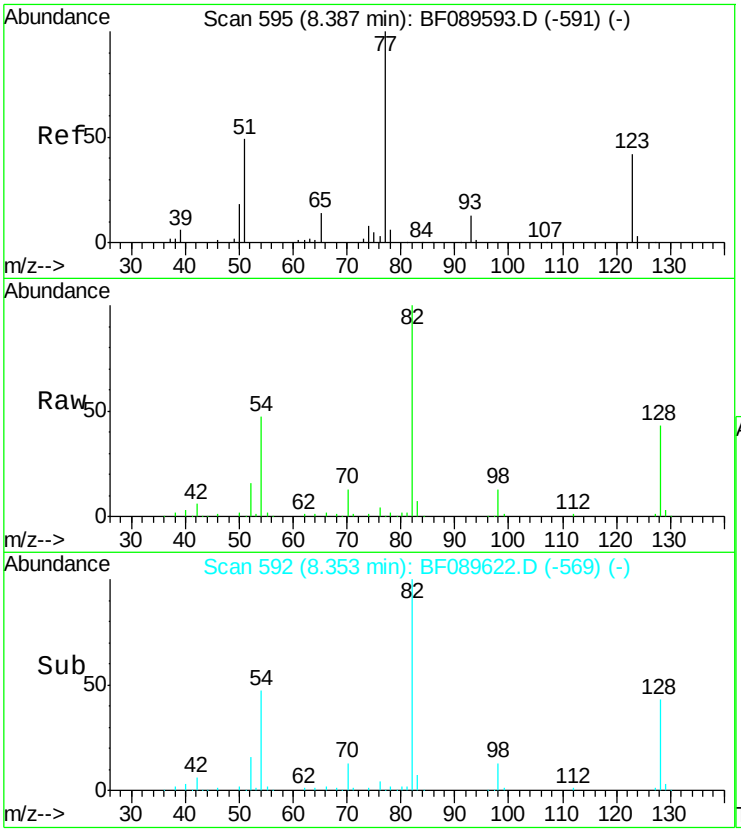


#23
Nitrobenzene-d5
Concen: 88.74 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion: 82 Resp: 292647

Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.4	53.0
54	46.9	36.4	54.6



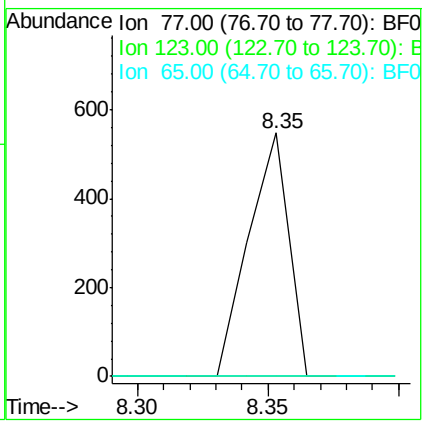


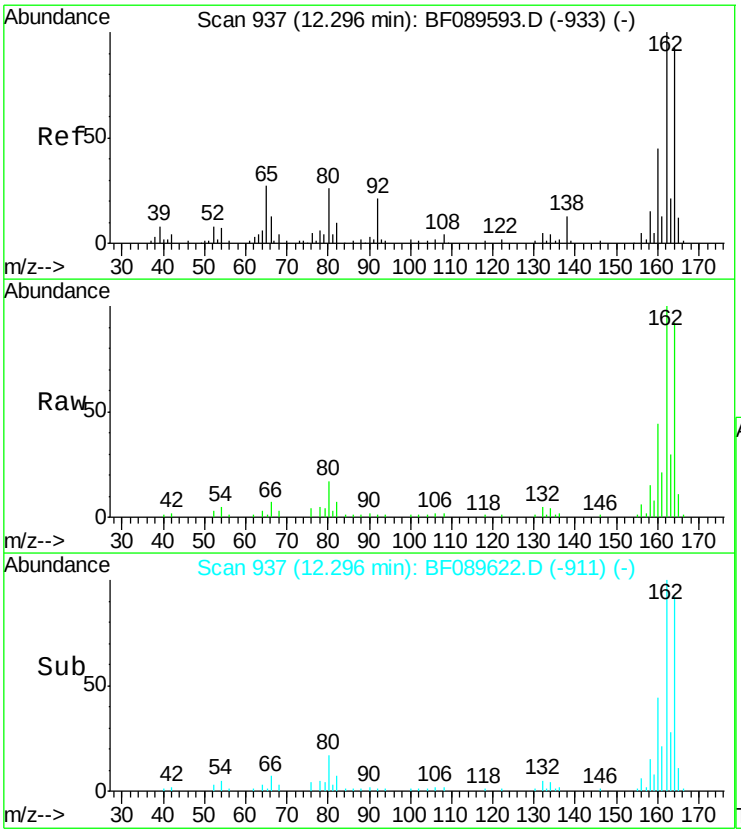
#24
Nitrobenzene
Concen: 0.19 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.03 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion: 77 Resp: 583

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

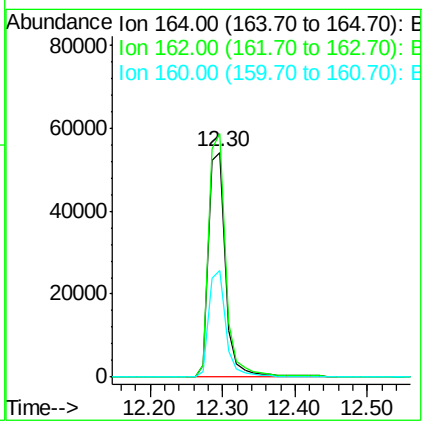


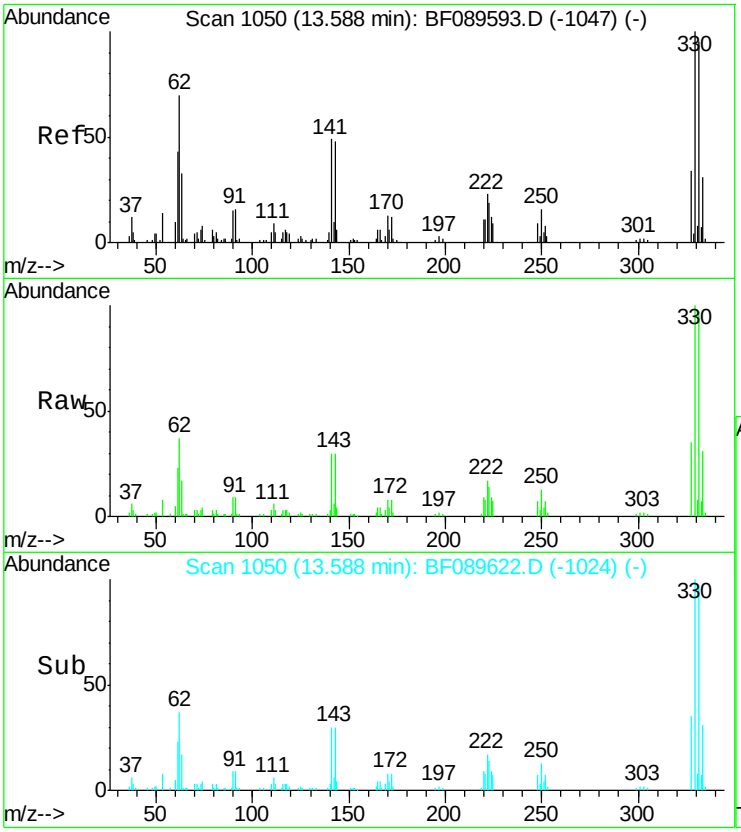


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.30 min Scan# 937
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:164 Resp: 89371

Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.7	128.5
160	47.4	38.2	57.4



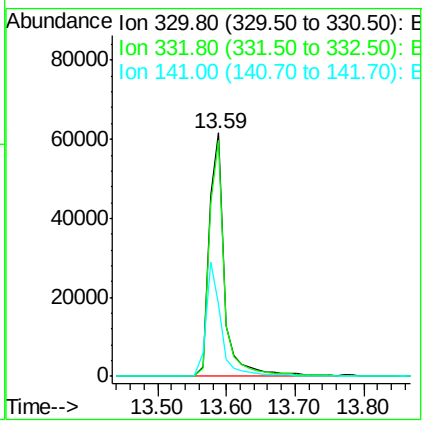


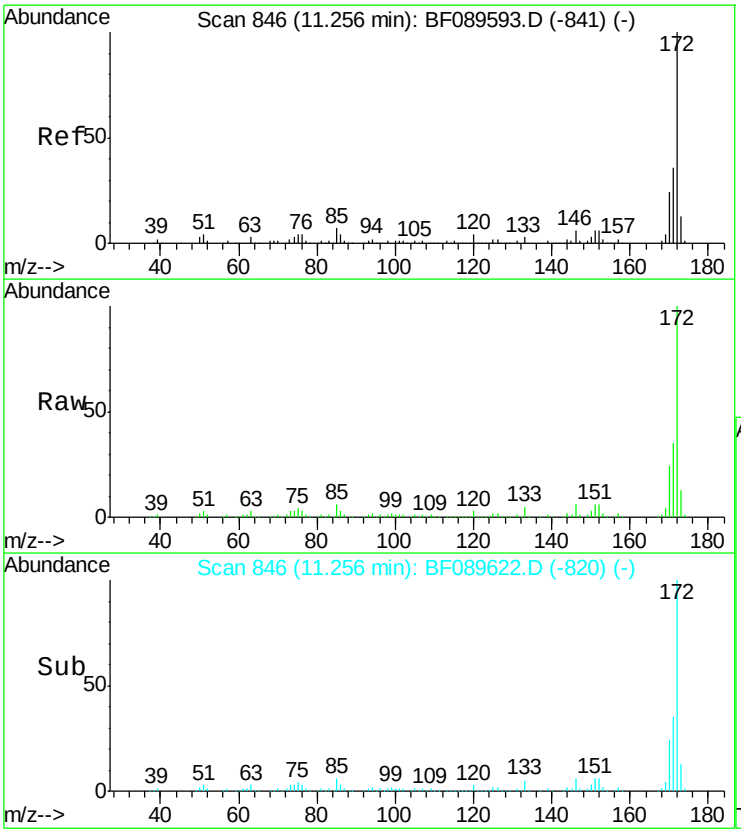
#41
2,4,6-Tribromophenol
Concen: 131.10 ng
RT: 13.59 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:330 Resp: 96692

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	45.7	38.6	57.8

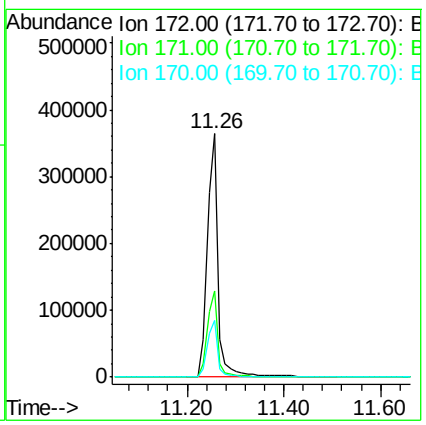


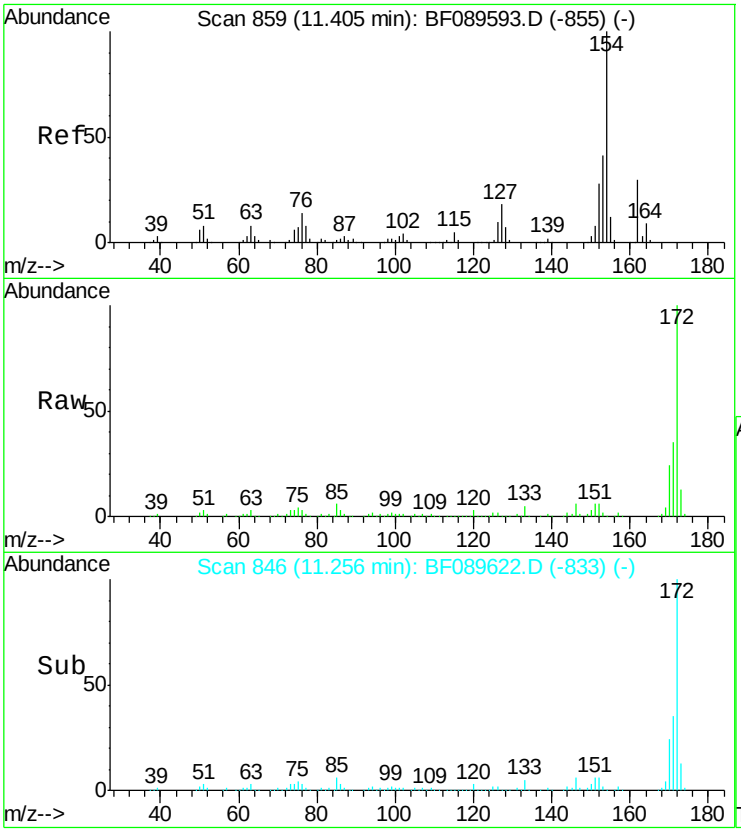


#44
2-Fluorobiphenyl
Concen: 83.06 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:172 Resp: 571178

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.5	19.0	28.6



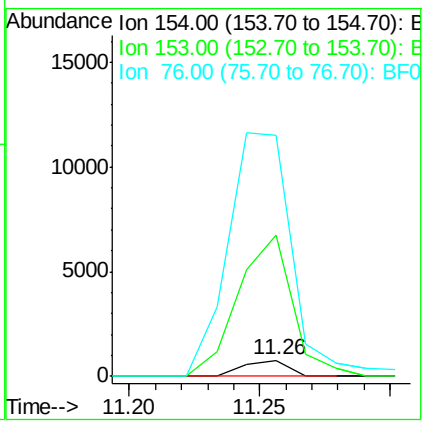


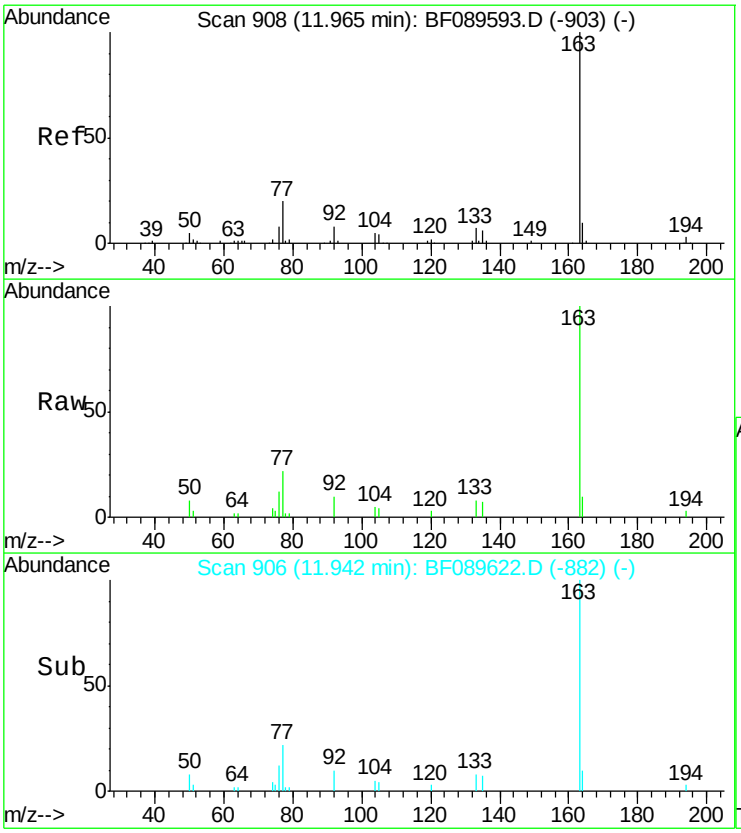
#45
1,1'-Biphenyl
Concen: 0.11 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.15 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:154 Resp: 910

Ion	Ratio	Lower	Upper
154	100		
153	893.1	20.6	60.6#
76	1533.0	0.0	33.7#

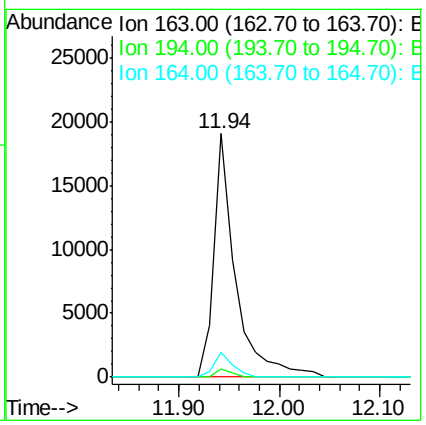


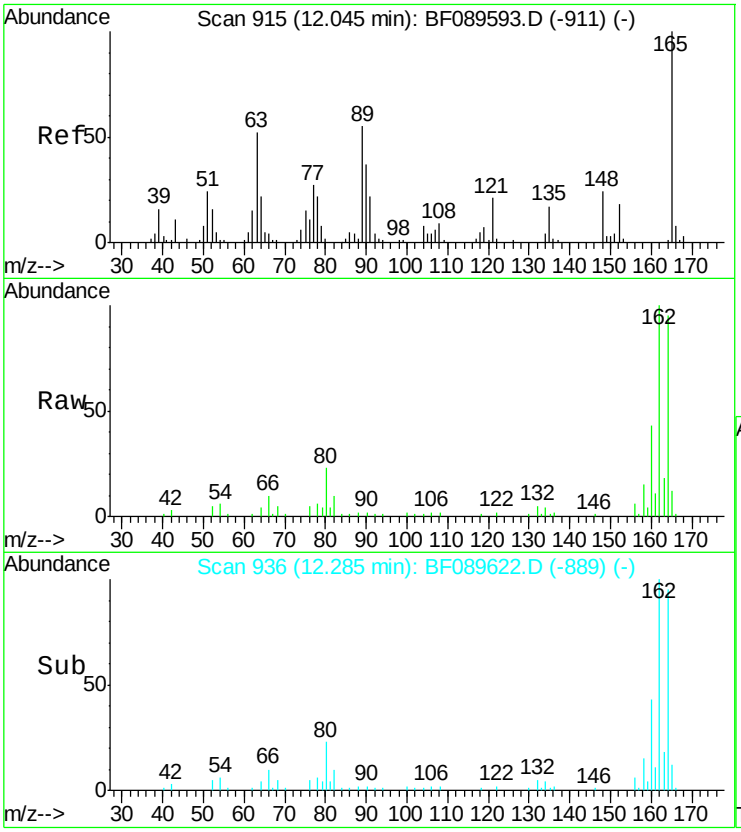


#49
Dimethylphthalate
Concen: 4.08 ng
RT: 11.94 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:163 Resp: 28551

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.1	7.8	11.6



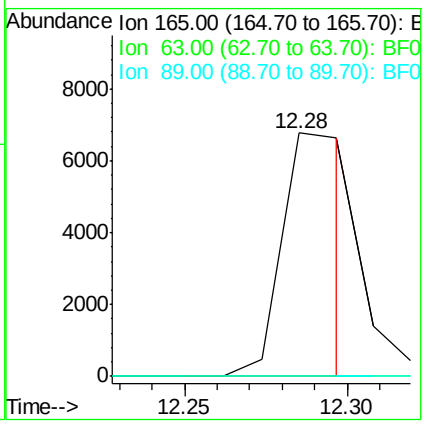


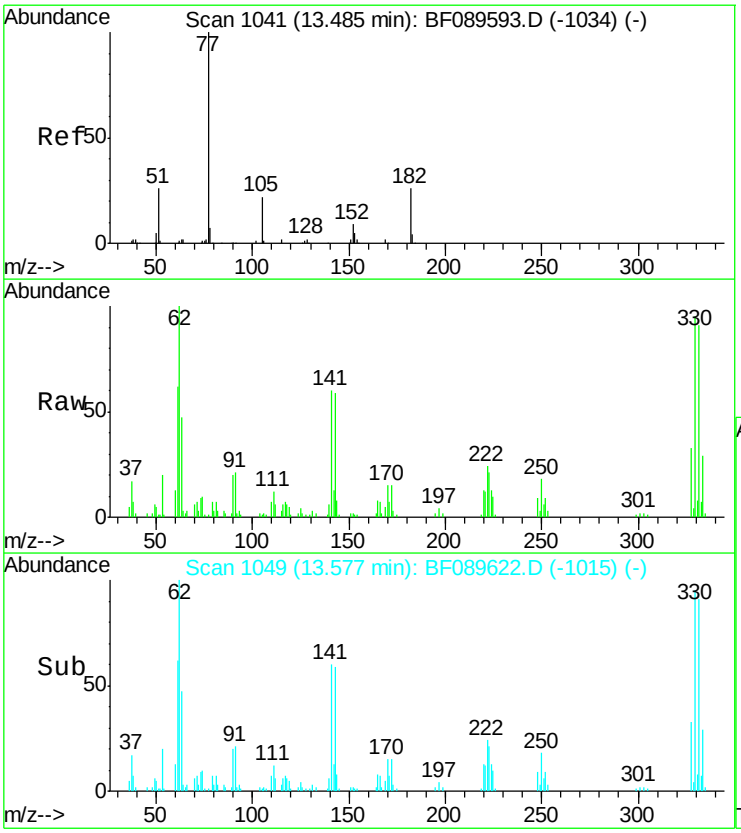
#50
2,6-Dinitrotoluene
Concen: 6.85 ng
RT: 12.28 min Scan# 936
Delta R.T. 0.24 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:165 Resp: 9537

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

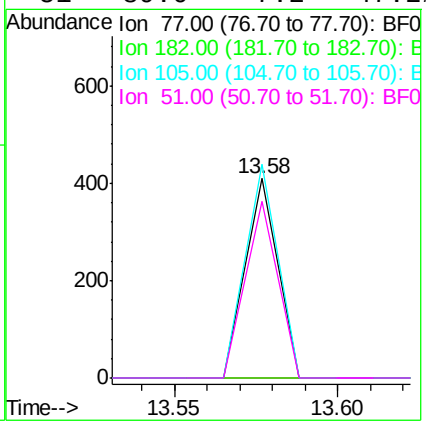


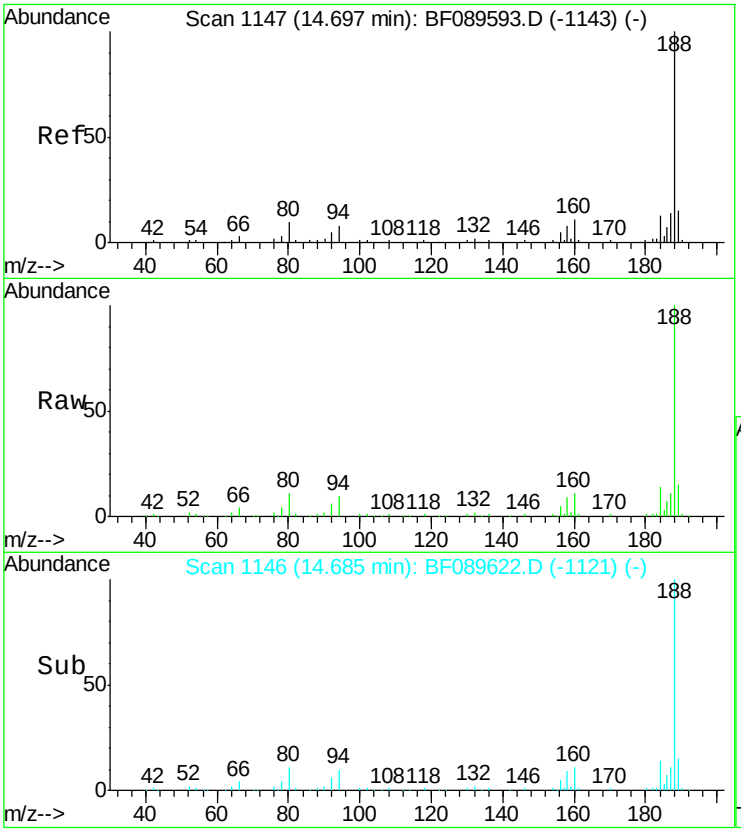


#62
Azobenzene
Concen: 0.04 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.09 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion: 77 Resp: 280

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	107.3	2.9	42.9#
51	89.0	7.2	47.2#



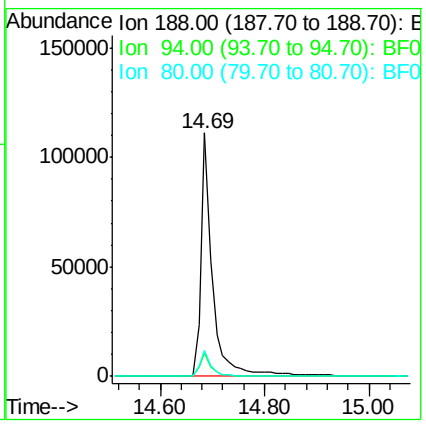


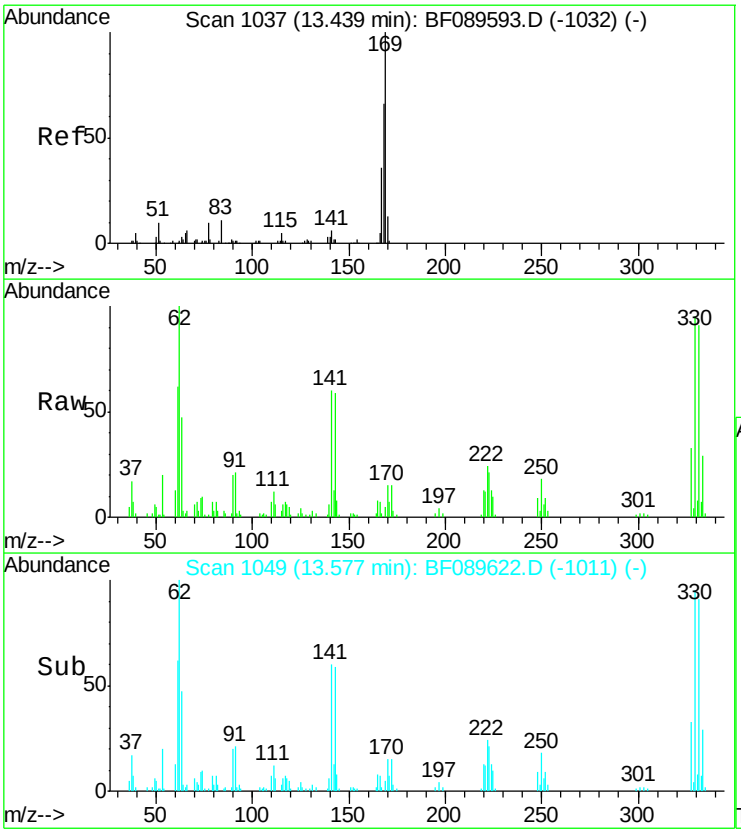
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:188 Resp: 171046

Ion	Ratio	Lower	Upper
188	100		
94	9.8	6.5	9.7#
80	10.8	8.0	12.0

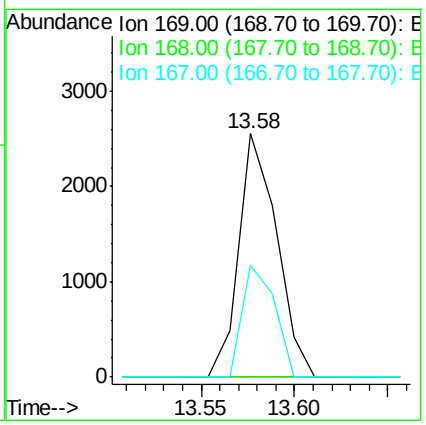


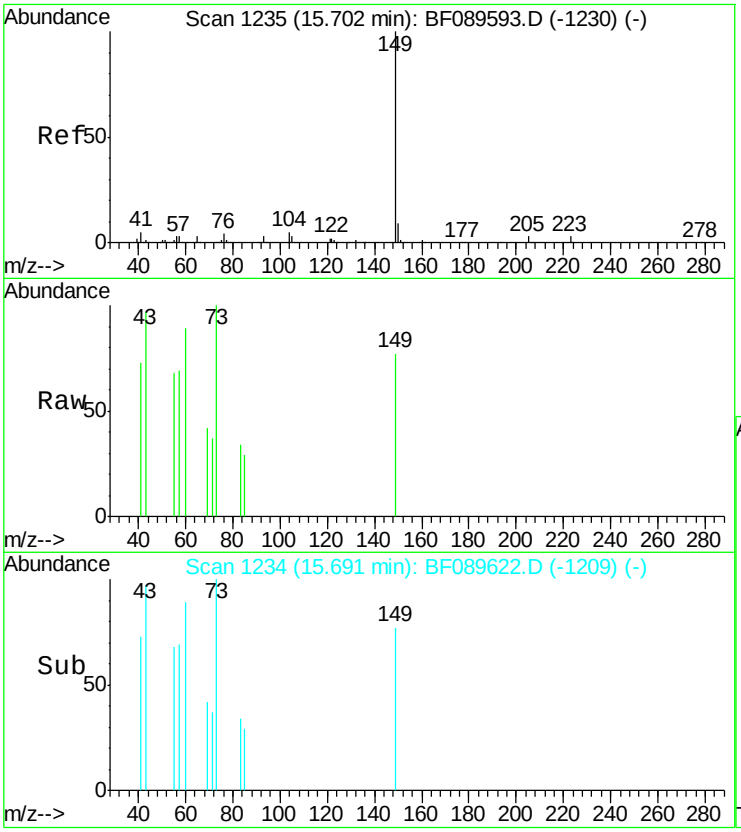


#65
n-Nitrosodiphenylamine
Concen: 0.62 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.14 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:169 Resp: 3608

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	46.1	28.9	43.3#



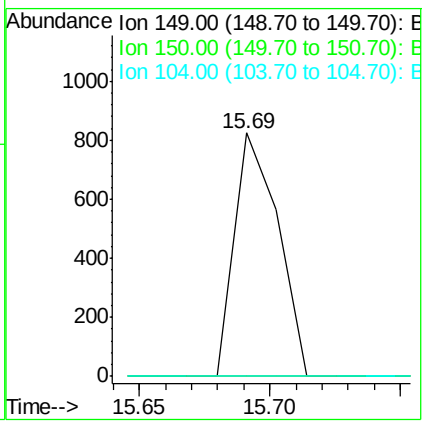


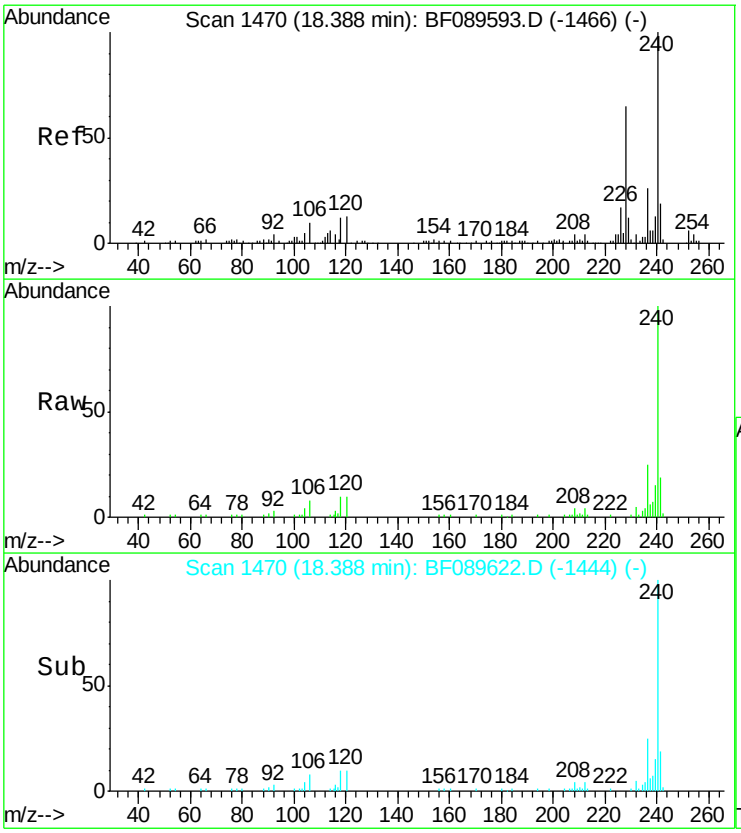
#73
Di-n-butylphthalate
Concen: 0.08 ng
RT: 15.69 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:149 Resp: 954

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

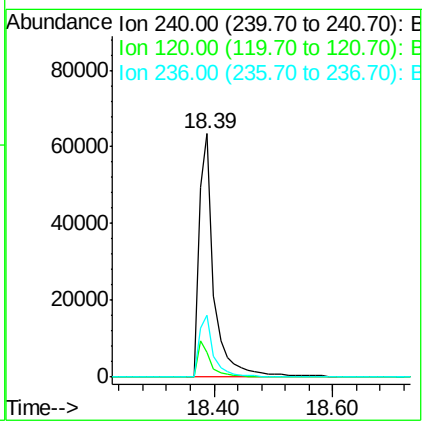


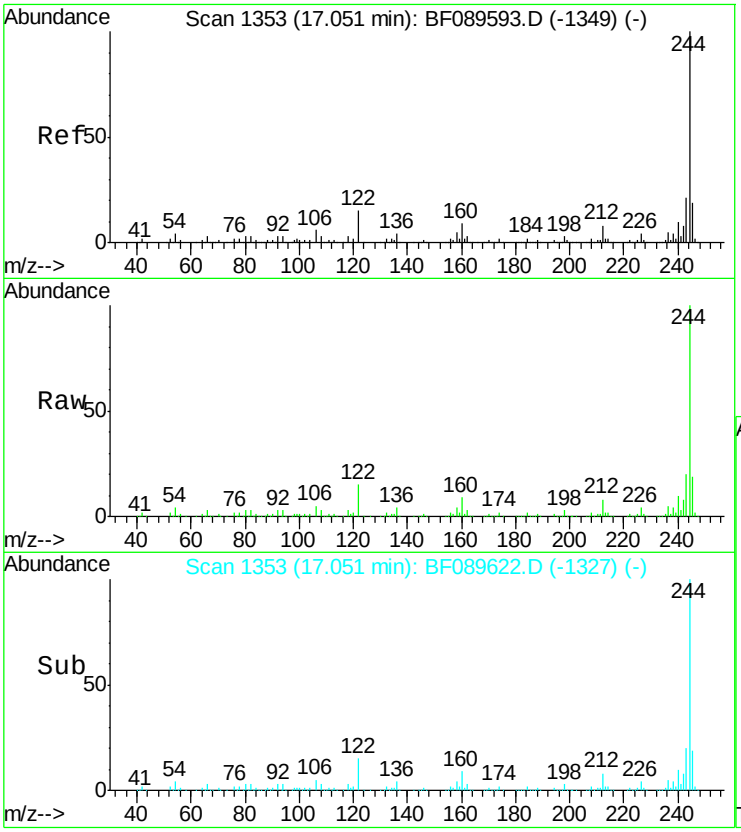


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:240 Resp: 112134

Ion	Ratio	Lower	Upper
240	100		
120	10.1	10.6	15.8#
236	25.1	20.6	30.8



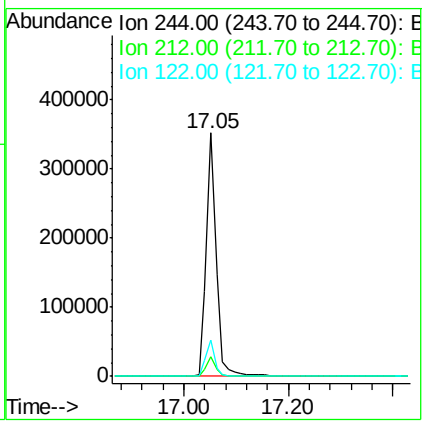


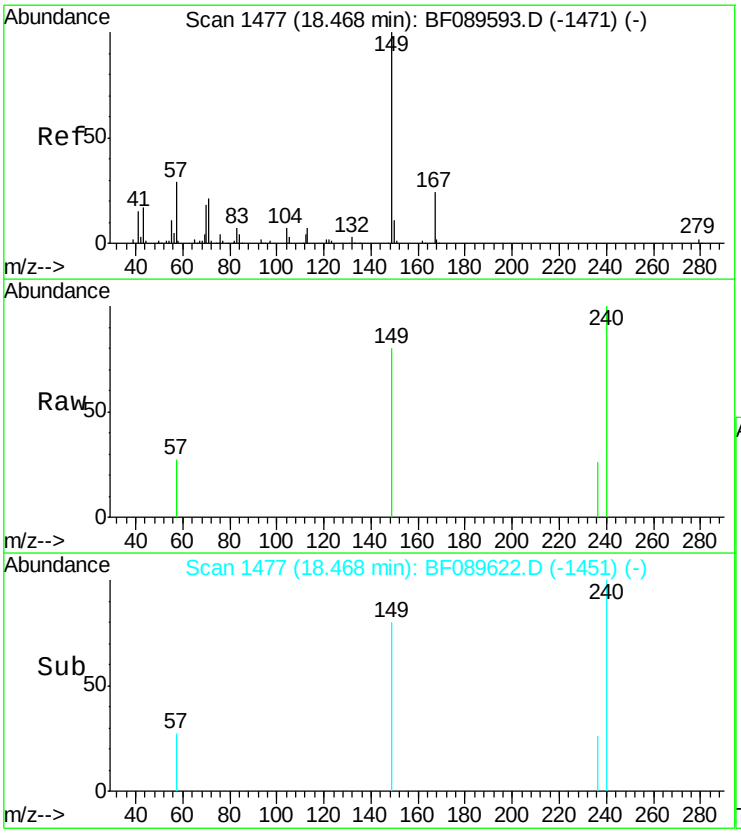
#78
Terphenyl-d14
Concen: 82.63 ng
RT: 17.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:244 Resp: 469381

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.4	9.6
122	14.7	12.2	18.2

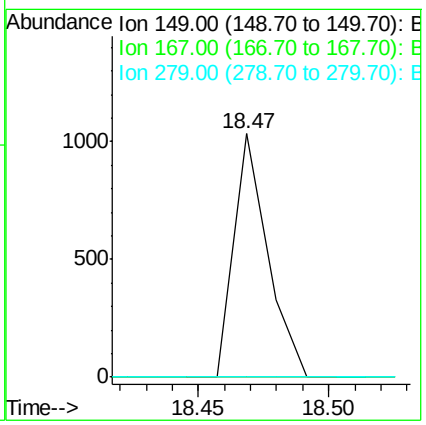


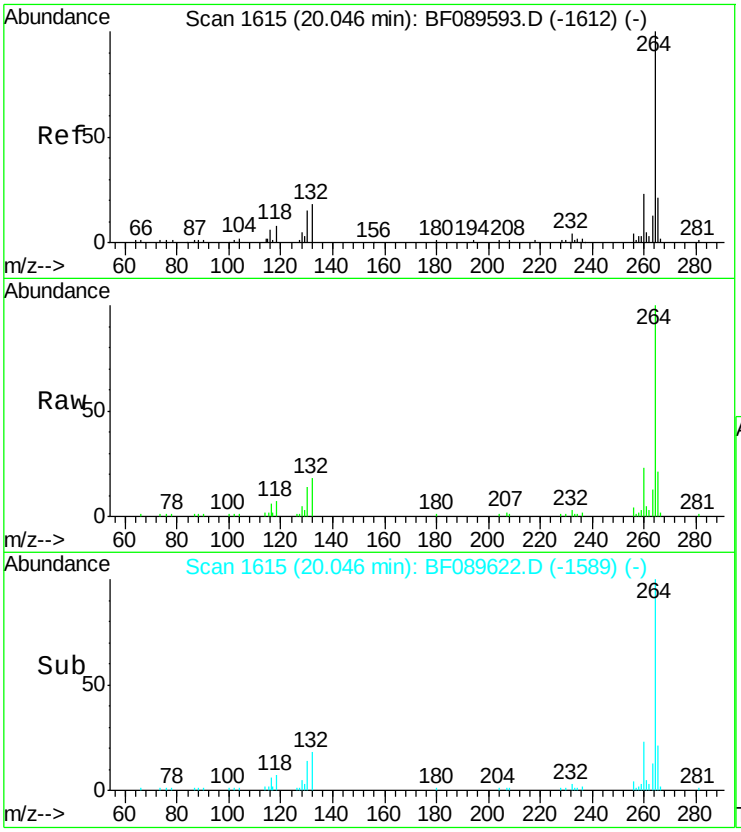


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.16 ng
RT: 18.47 min Scan# 1477
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Tgt Ion:149 Resp: 935

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: 20.05 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF089622.D
Acq: 5 Aug 2016 10:19

Instrument :
BNA_F
ClientSampleId :
GW-60-7.5-12.5

Tgt Ion:264 Resp: 81318

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	21.4	16.5	24.7