Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089668.D
Acq On : 8 Aug 2016 19:00
Operator : UM/SJ
Sample : H4367-28RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WP-1

Quant Time: Aug 09 02:30:59 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	42204	20.00	ng		-0.03
21) Naphthalene-d8	9.45	136	178911	20.00	ng		-0.02
38) Acenaphthene-d10	12.26	164	88531	20.00	ng		-0.03
63) Phenanthrene-d10	14.66	188	177621	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	140337	20.00	ng		-0.02
86) Perylene-d12	20.02	264	95416	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	187170	74.33	ng		-0.01
7) Phenol-d6	6.95	99	168161	49.23	ng		-0.03
23) Nitrobenzene-d5	8.33	82	329470	101.86	ng		-0.03
41) 2,4,6-Tribromophenol	13.57	330	116933	160.05	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	642305	94.29	ng		-0.02
78) Terphenyl-d14	17.03	244	563966	79.33	ng		-0.02
Target Compounds							Qvalue
6) Aniline	7.06	93	269	0.06	ng	#	1
10) Phenol	6.99	94	746	0.21	ng	#	1
11) bis(2-Chloroethyl)ether	7.06	93	269	0.09	ng	#	1
15) Benzyl Alcohol	7.66	79	5313	2.37	ng	#	45
19) n-Nitroso-di-n-propylamine	8.33	70	39849	16.15	ng	#	82
24) Nitrobenzene	8.33	77	454	0.15	ng	#	42
45) 1,1'-Biphenyl	11.23	154	1044	0.13	ng	#	1
49) Dimethylphthalate	11.92	163	27729	4.00	ng		98
59) Diethylphthalate	13.07	149	1003	0.14	ng	#	60
62) Azobenzene	13.55	77	693	0.10	ng	#	11
65) n-Nitrosodiphenylamine	13.55	169	4799	0.80	ng	#	38
71) Anthracene	14.96	178	391	0.04	ng	#	5
73) Di-n-butylphthalate	15.67	149	3043	0.26	ng	#	79
77) Pyrene	16.78	202	486	0.04	ng	#	57
83) Bis(2-ethylhexyl)phthalate	18.45	149	3071	0.42	ng	#	94
84) Di-n-octyl phthalate	19.26	149	733	0.07	ng	#	88

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089668.D
Acq On : 8 Aug 2016 19:00
Operator : UM/SJ
Sample : H4367-28RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
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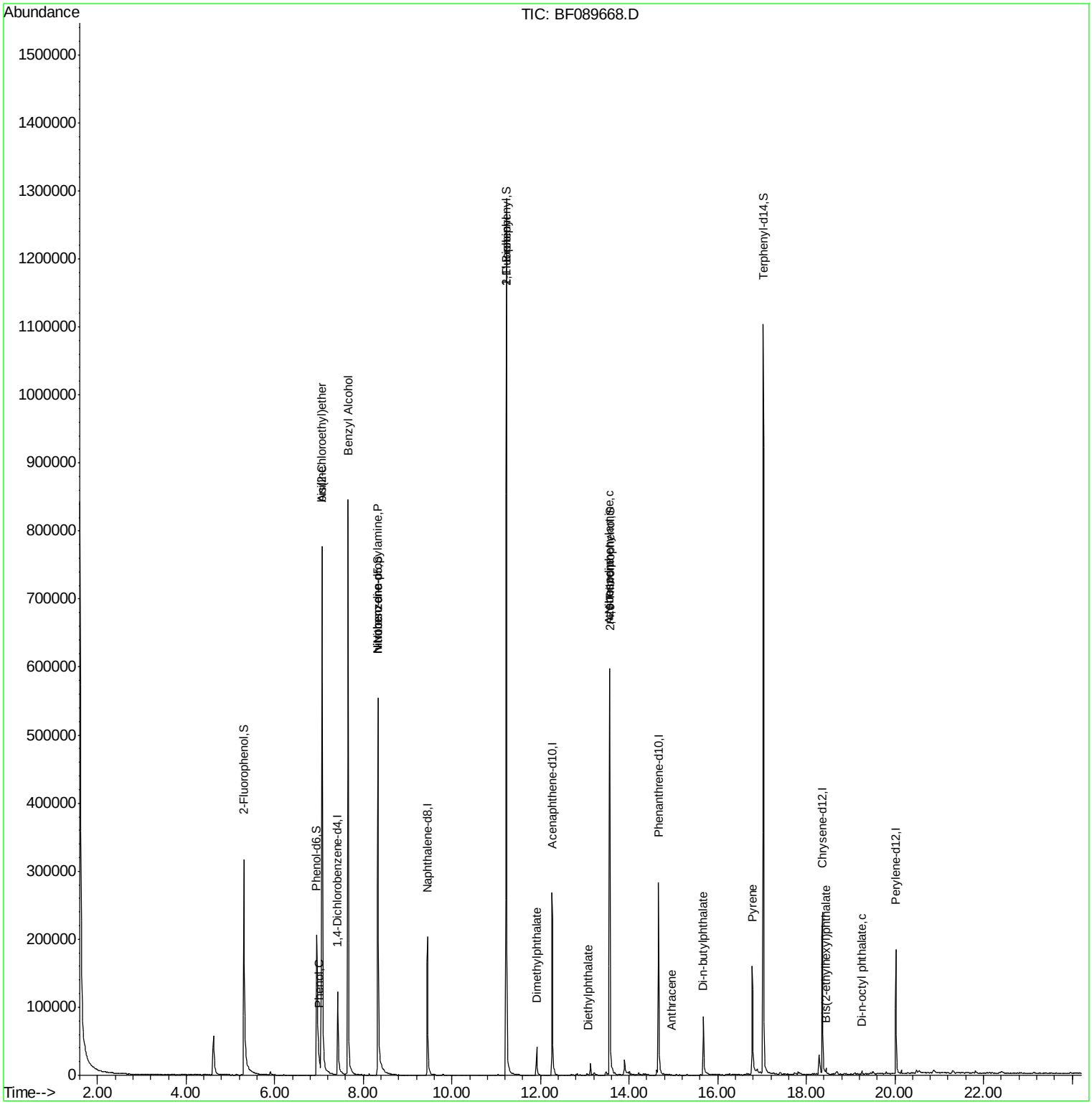
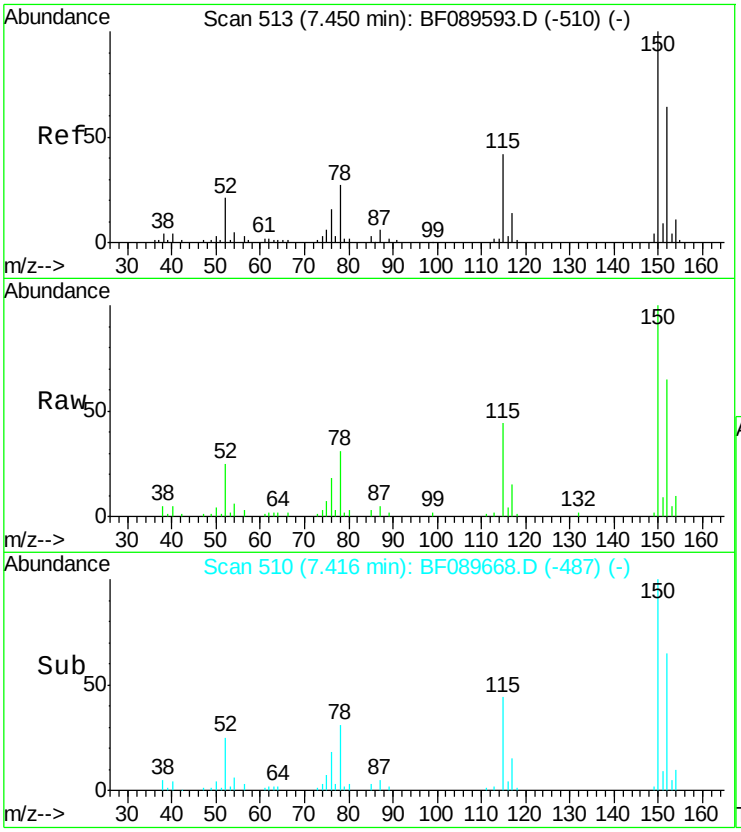


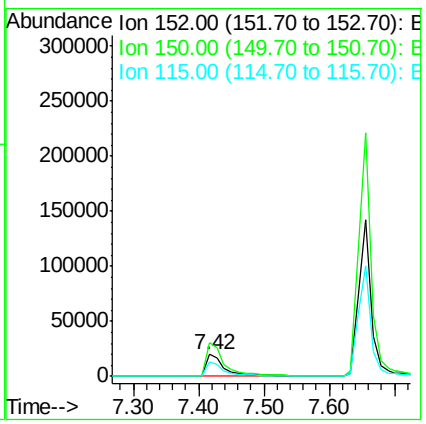


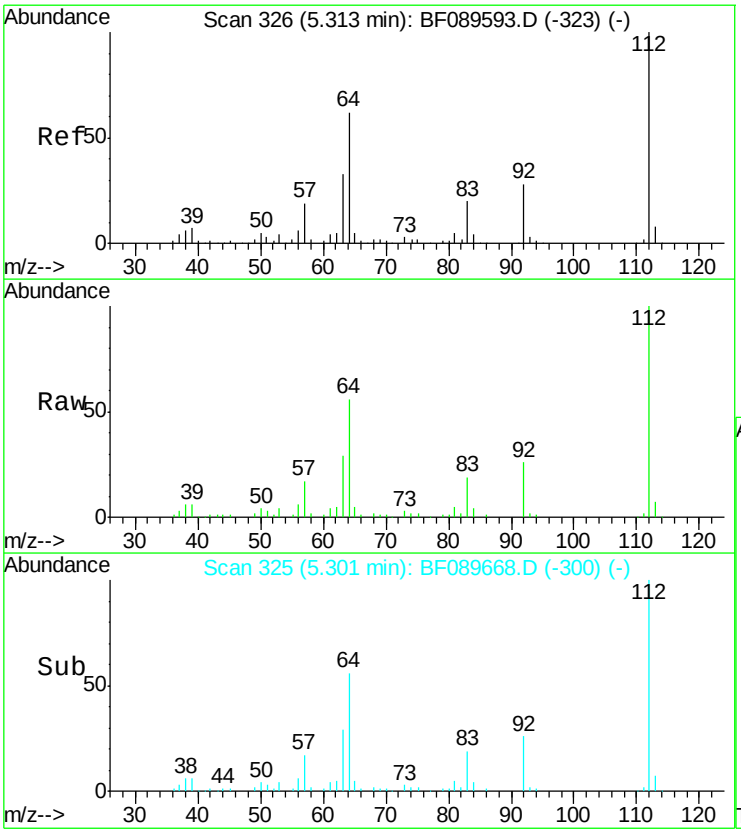
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:152 Resp: 42204

Ion	Ratio	Lower	Upper
152	100		
150	154.5	125.5	188.3
115	68.1	52.0	78.0

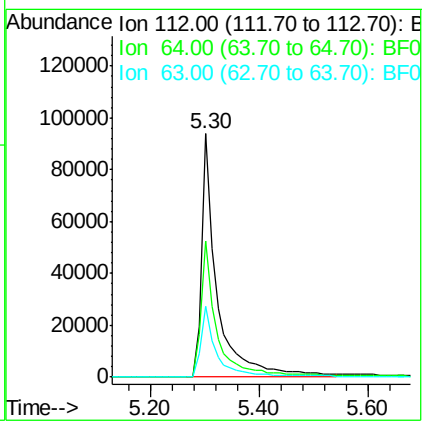


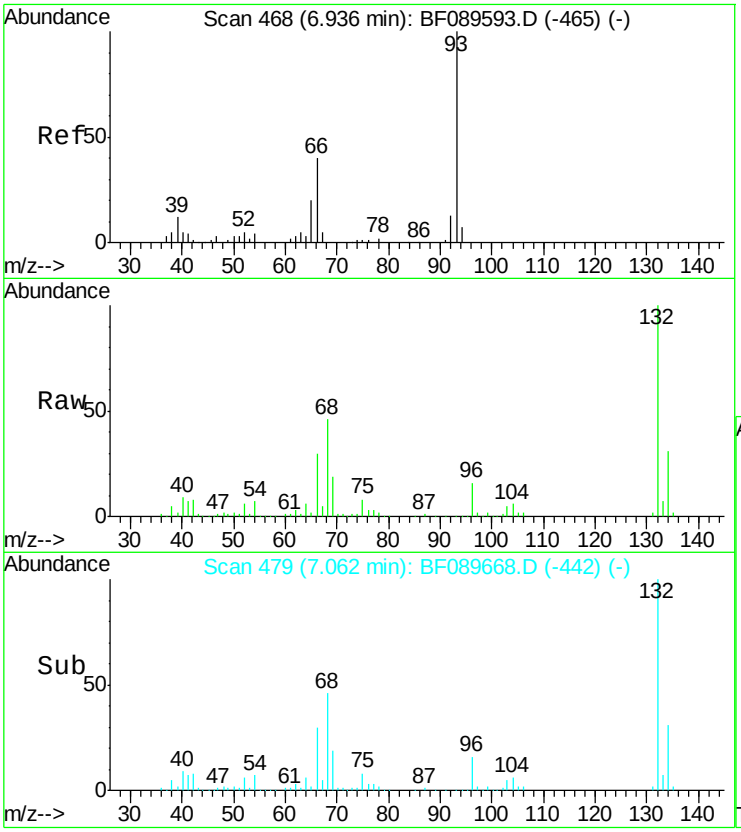


#5
2-Fluorophenol
Concen: 74.33 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:112 Resp: 187170

Ion	Ratio	Lower	Upper
112	100		
64	56.1	49.9	74.9
63	28.9	26.1	39.1



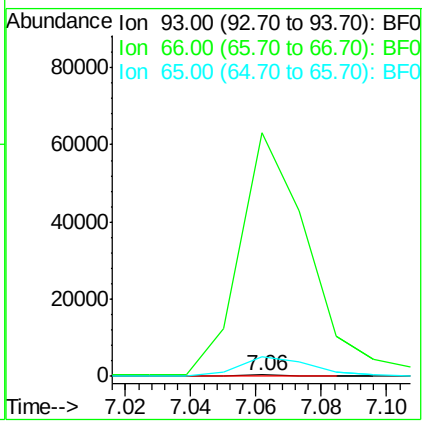


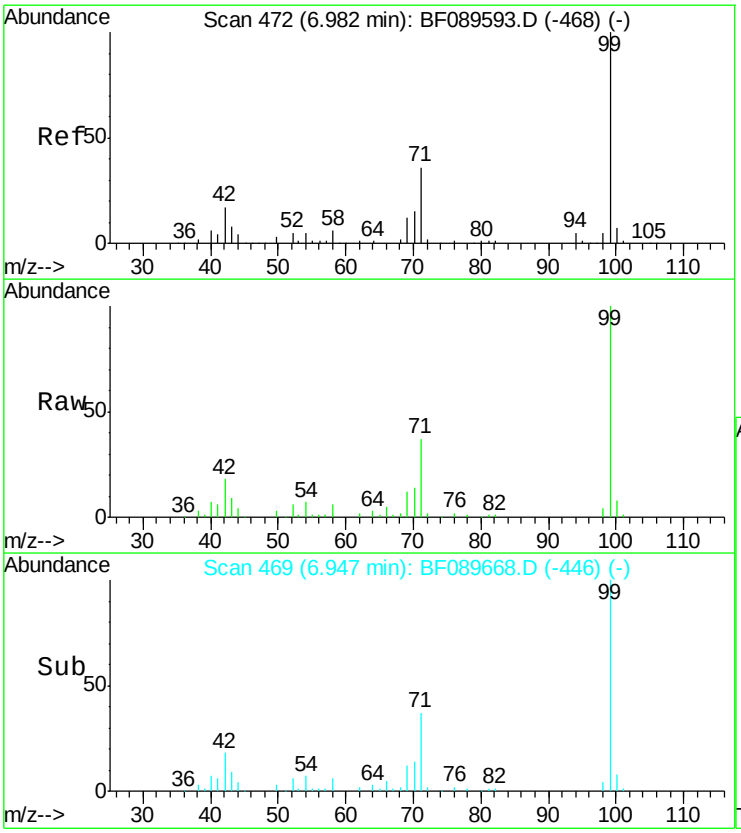
#6
Aniline
Concen: 0.06 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.13 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 93 Resp: 269

Ion	Ratio	Lower	Upper
93	100		
66	16095.9	32.2	48.2#
65	1301.3	15.8	23.8#

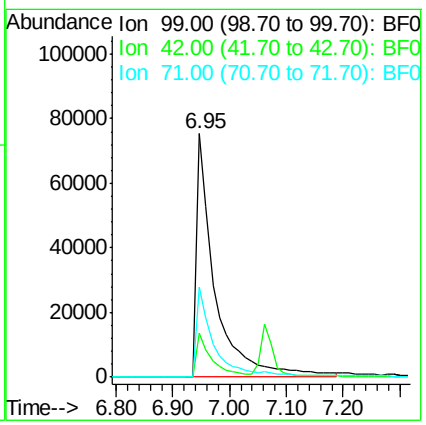


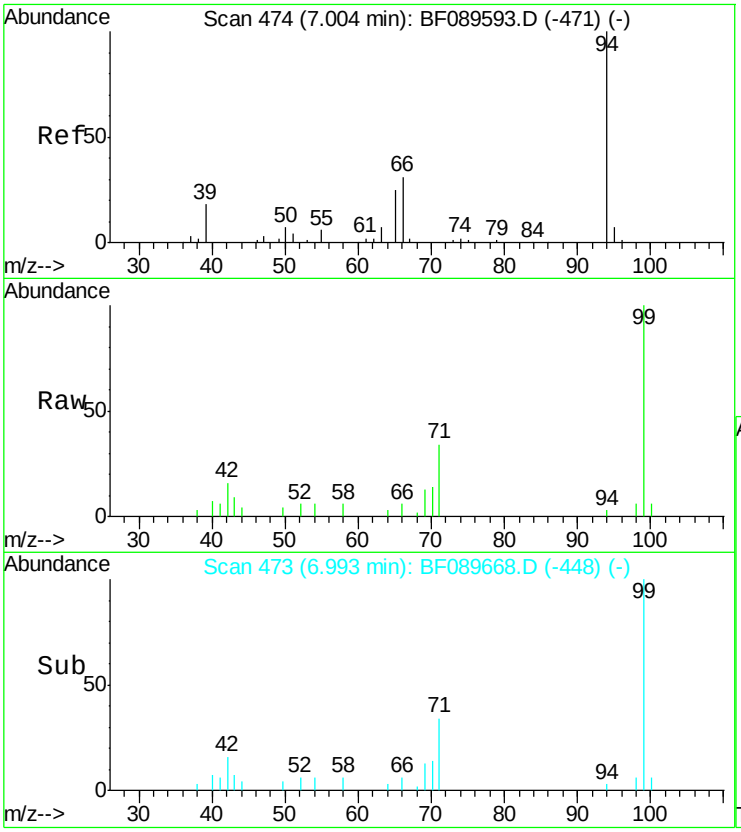


#7
Phenol-d6
Concen: 49.23 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion: 99 Resp: 168161

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.7	20.5
71	37.0	29.0	43.4



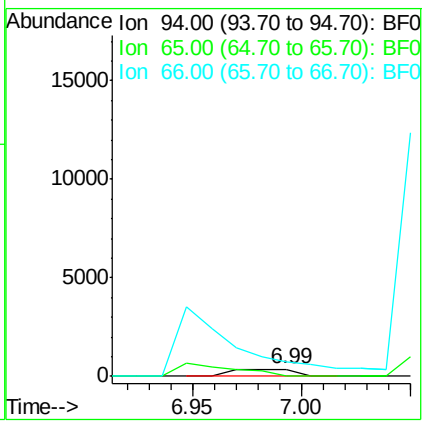


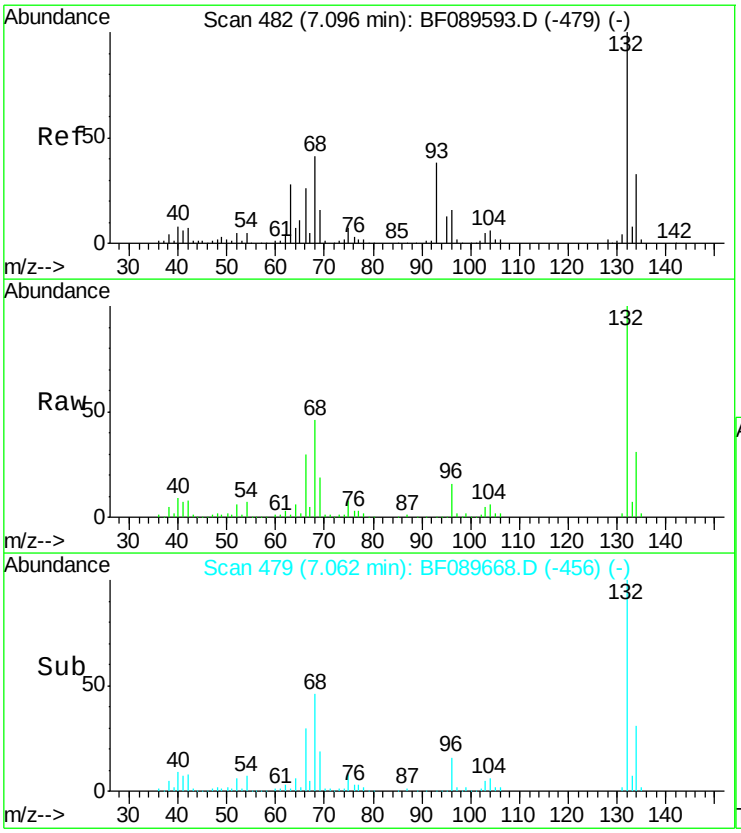
#10
Phenol
Concen: 0.21 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 94 Resp: 746

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.0	51.0#
66	207.9	27.4	67.4#

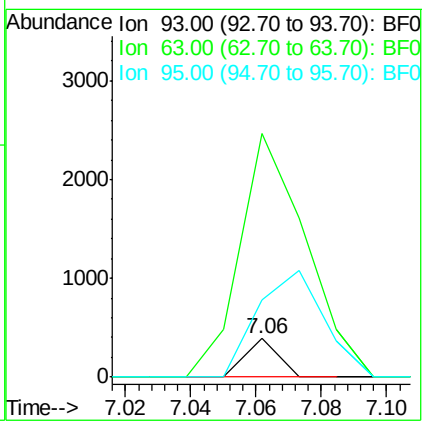


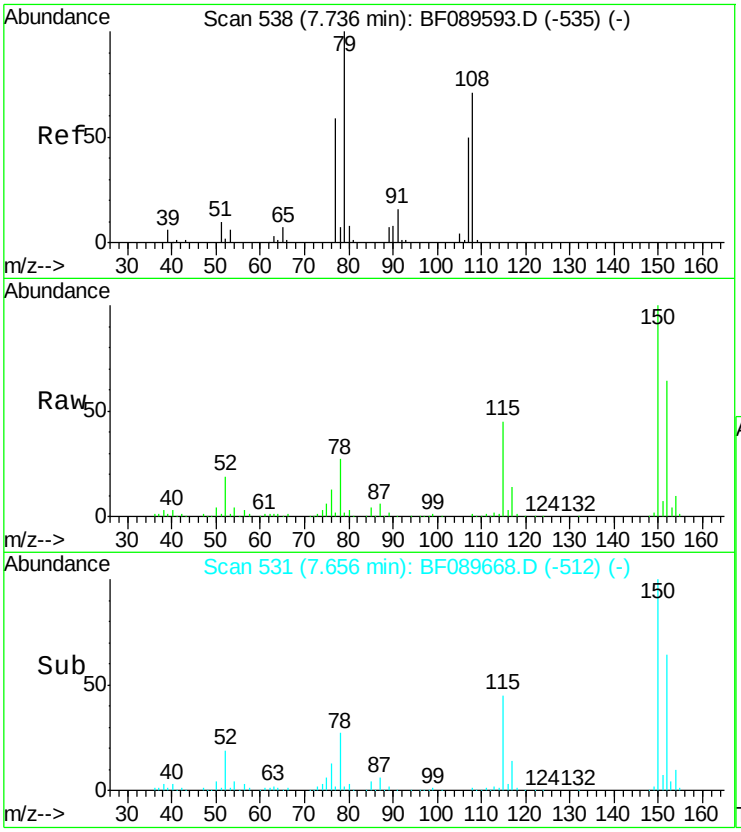


#11
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion: 93 Resp: 269

Ion	Ratio	Lower	Upper
93	100		
63	628.8	52.2	92.2#
95	198.0	13.1	53.1#



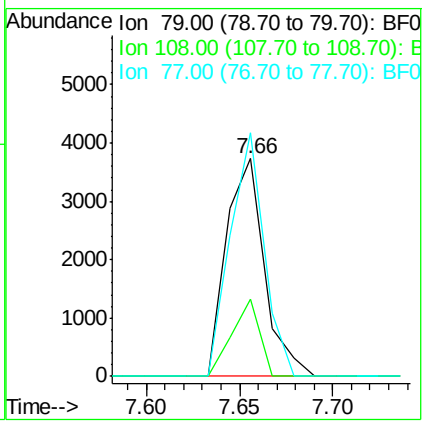


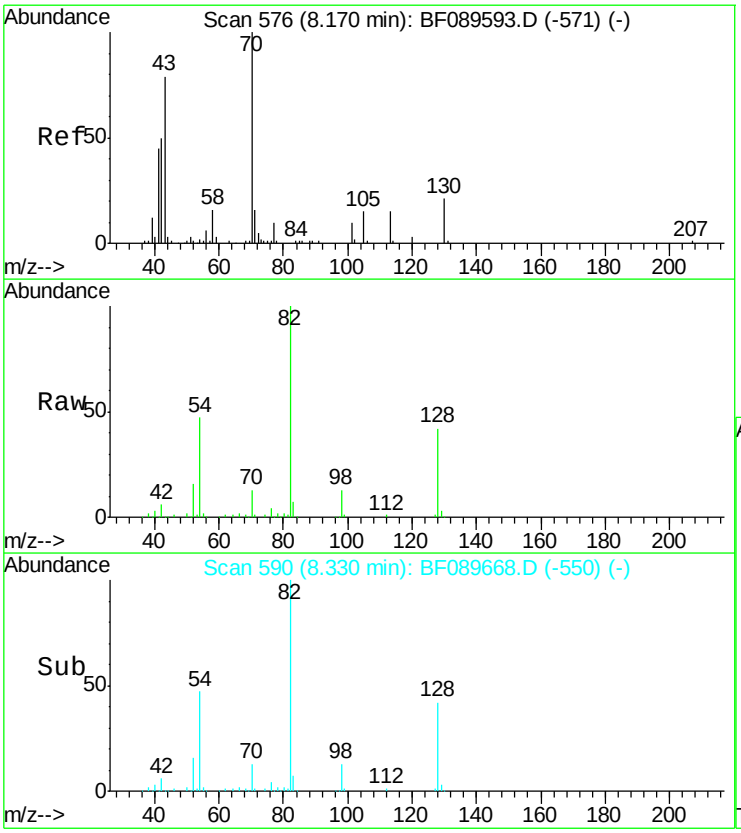
#15
Benzyl Alcohol
Concen: 2.37 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 79 Resp: 5313

Ion	Ratio	Lower	Upper
79	100		
108	35.4	58.3	87.5#
77	111.9	48.7	73.1#

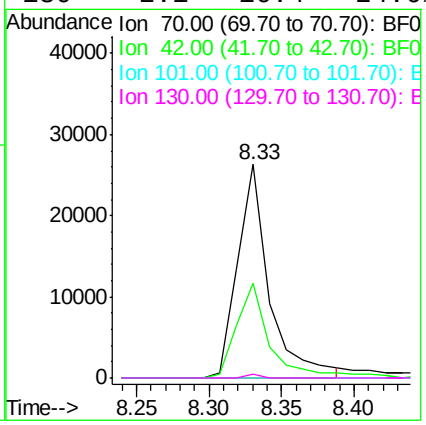


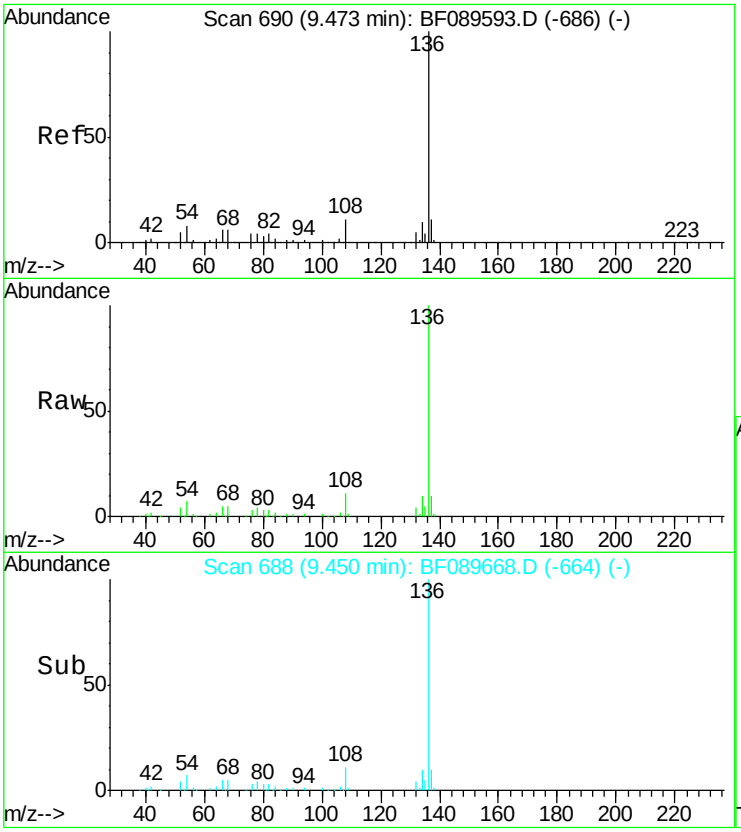


#19
n-Nitroso-di-n-propylamine
Concen: 16.15 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.16 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion: 70 Resp: 39849

Ion	Ratio	Lower	Upper
70	100		
42	44.5	40.2	60.2
101	0.0	7.8	11.6#
130	2.1	16.4	24.6#



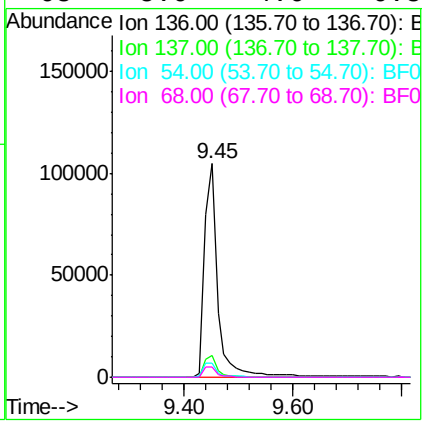


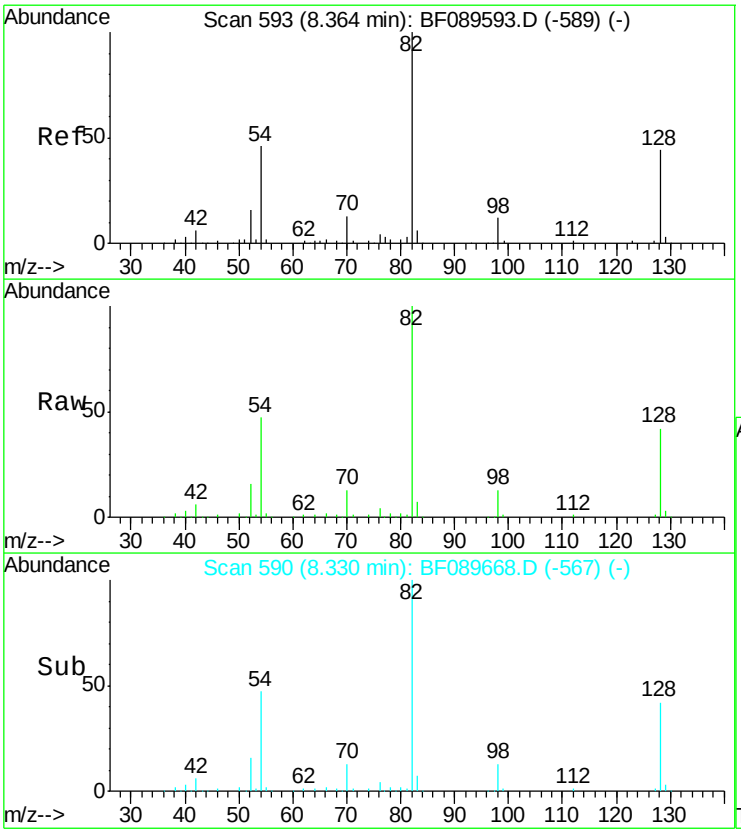
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:136 Resp: 178911

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	12.8
54	6.7	6.0	9.0
68	5.0	4.6	6.8

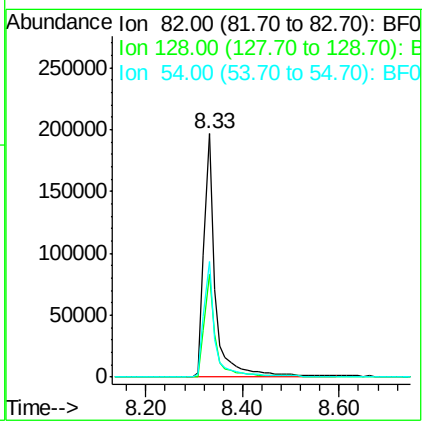


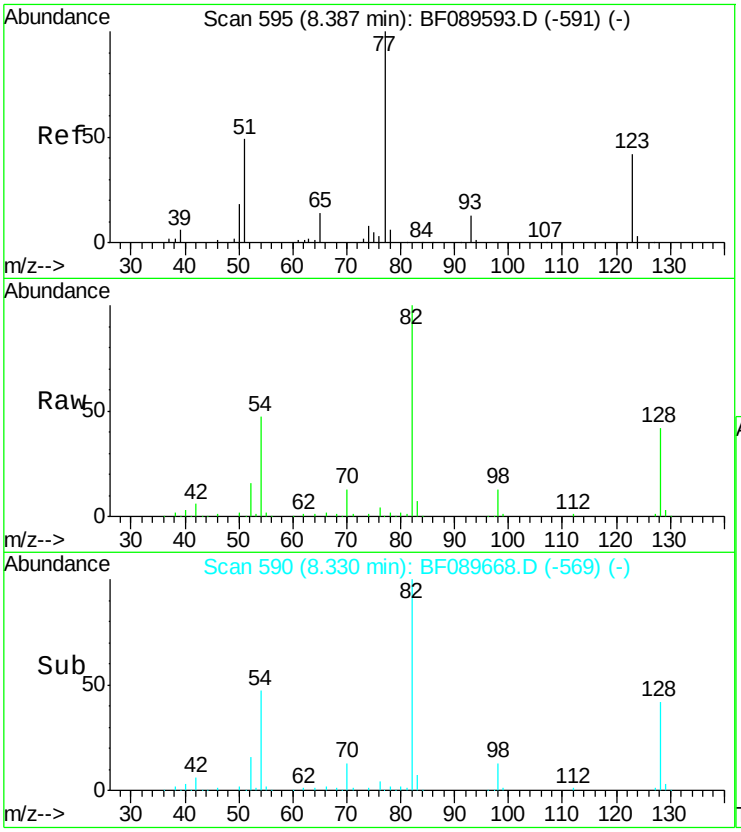


#23
Nitrobenzene-d5
Concen: 101.86 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion: 82 Resp: 329470

Ion	Ratio	Lower	Upper
82	100		
128	42.1	35.4	53.0
54	47.3	36.4	54.6



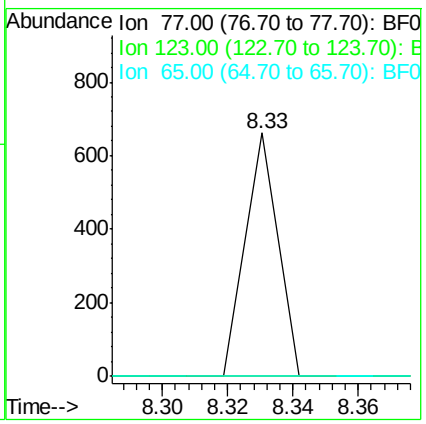


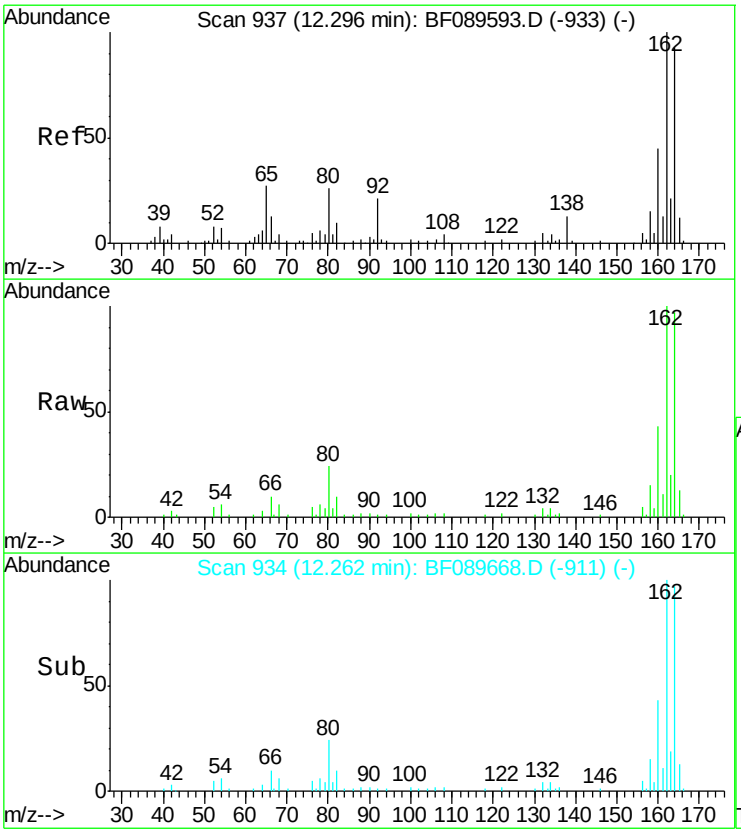
#24
Nitrobenzene
Concen: 0.15 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.06 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion: 77 Resp: 454

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

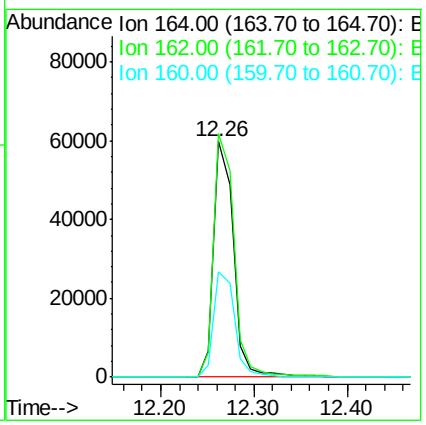


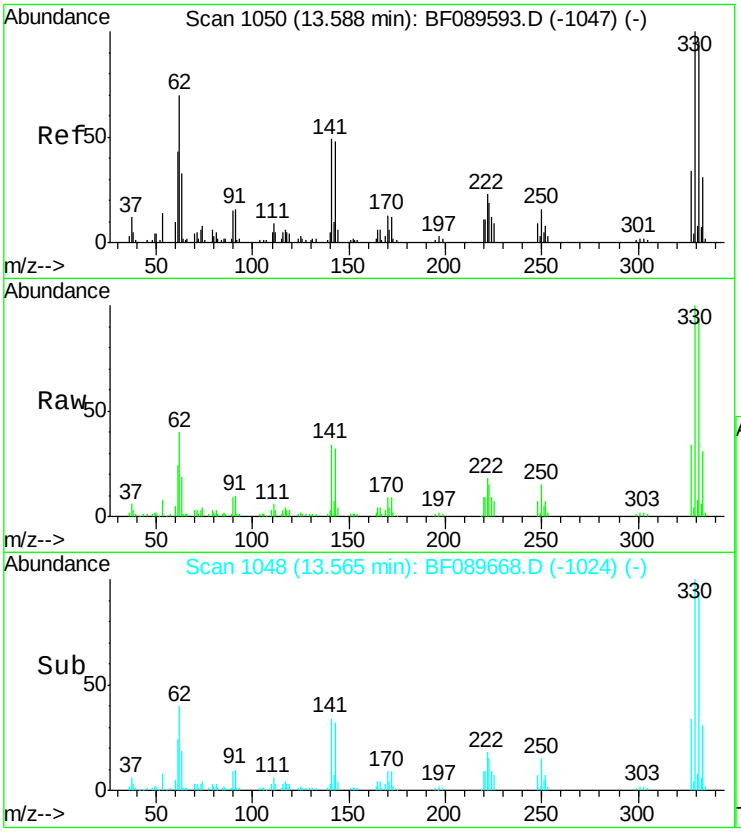


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:164 Resp: 88531

Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.7	128.5
160	44.9	38.2	57.4



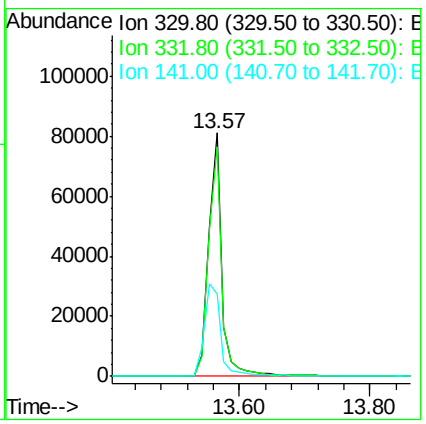


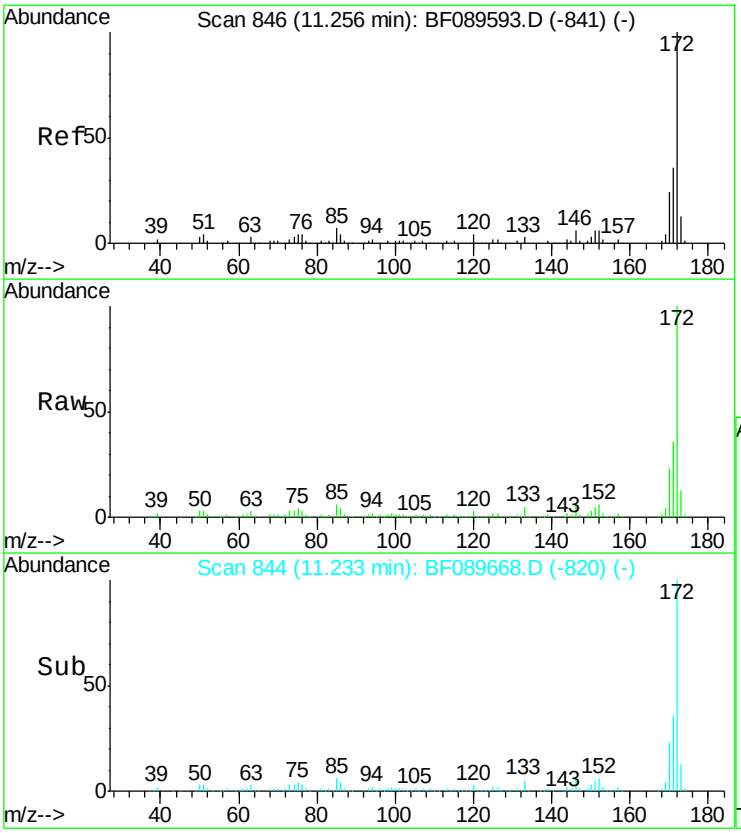
#41
2,4,6-Tribromophenol
Concen: 160.05 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:330 Resp: 116933

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	46.1	38.6	57.8

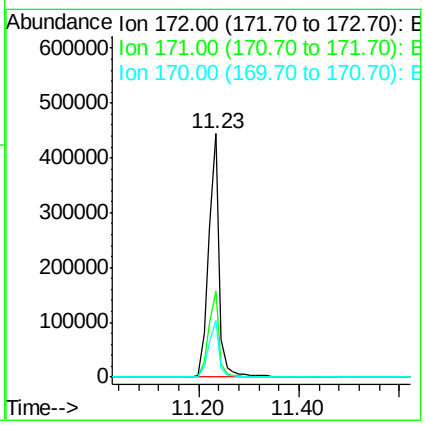


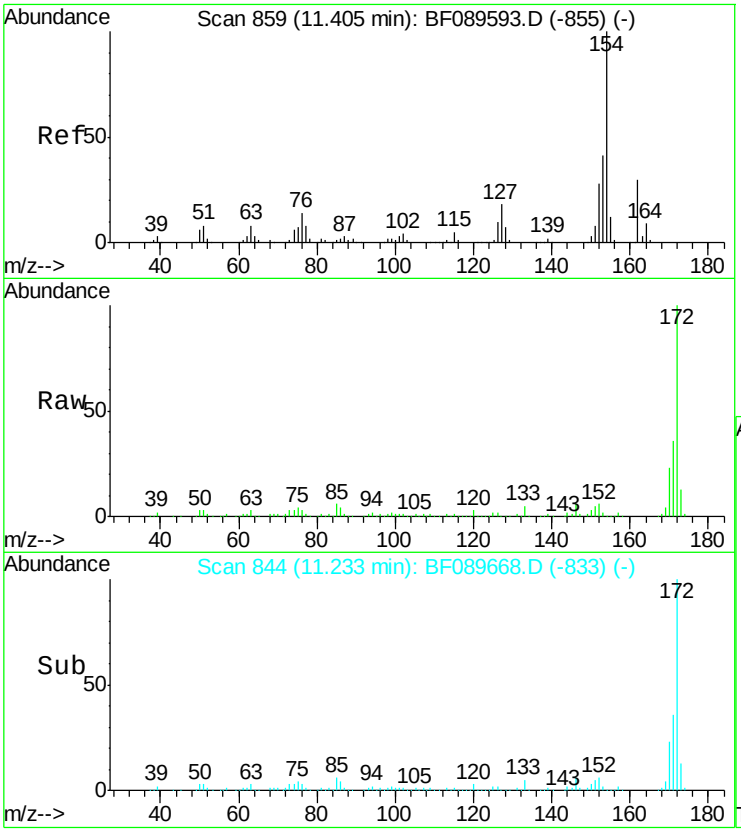


#44
2-Fluorobiphenyl
Concen: 94.29 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:172 Resp: 642305

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.9	43.3
170	23.4	19.0	28.6



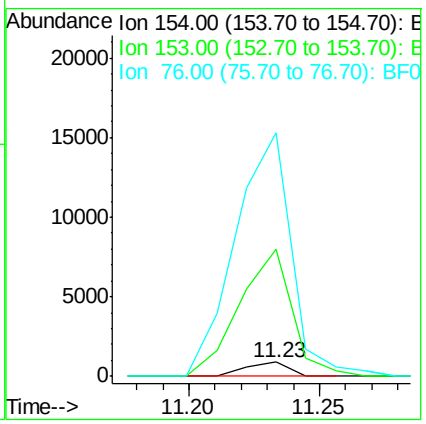


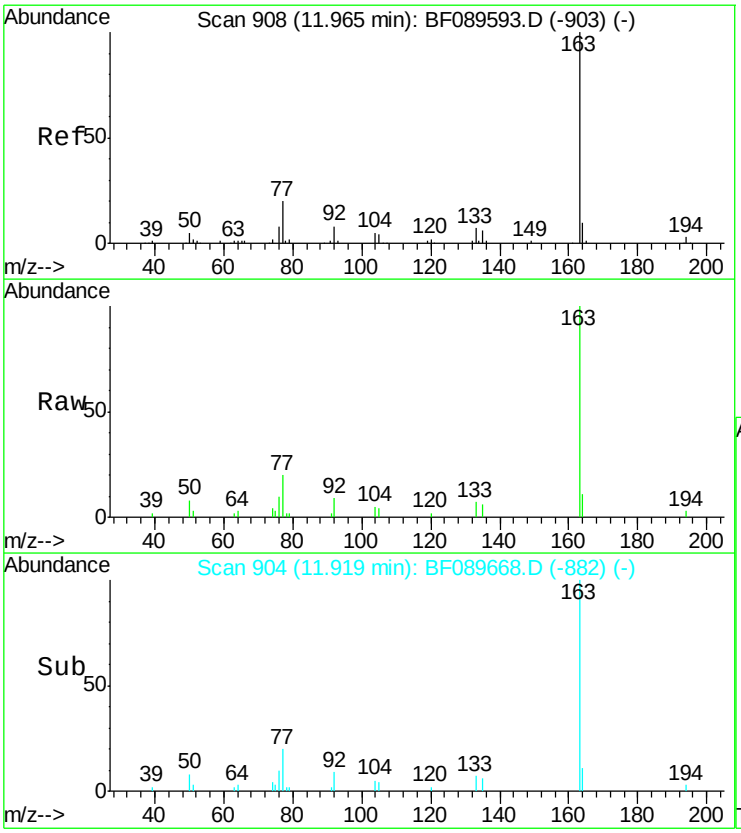
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.17 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:154 Resp: 1044

Ion	Ratio	Lower	Upper
154	100		
153	883.0	20.6	60.6#
76	1687.1	0.0	33.7#

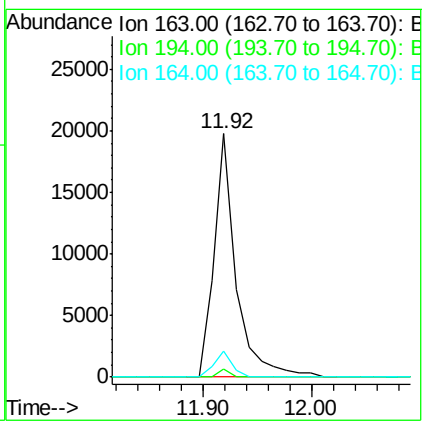


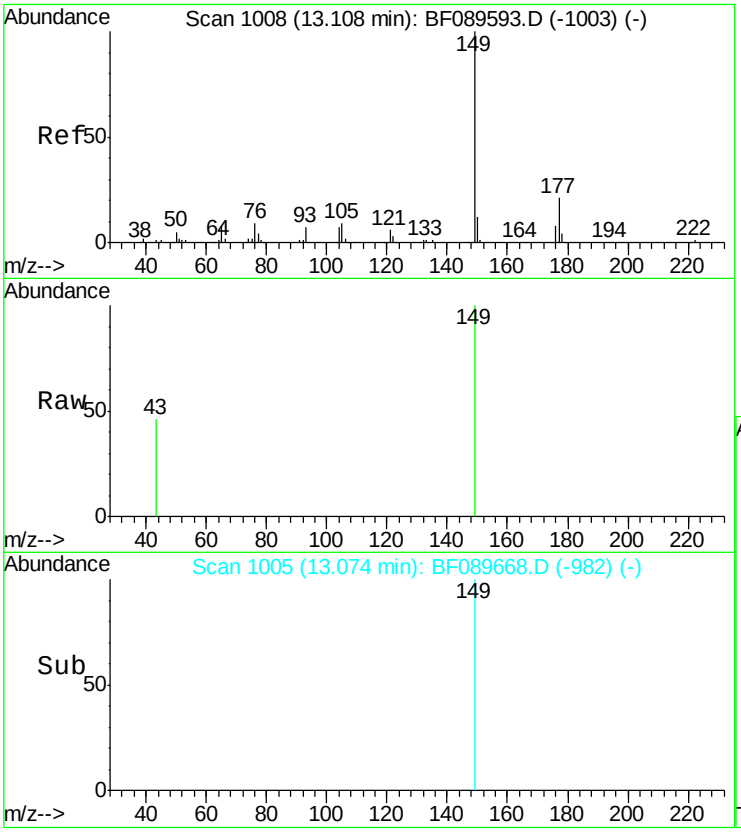


#49
Dimethylphthalate
Concen: 4.00 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:163 Resp: 27729

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	7.8	11.6



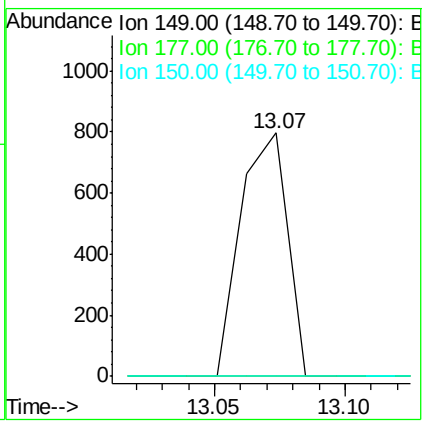


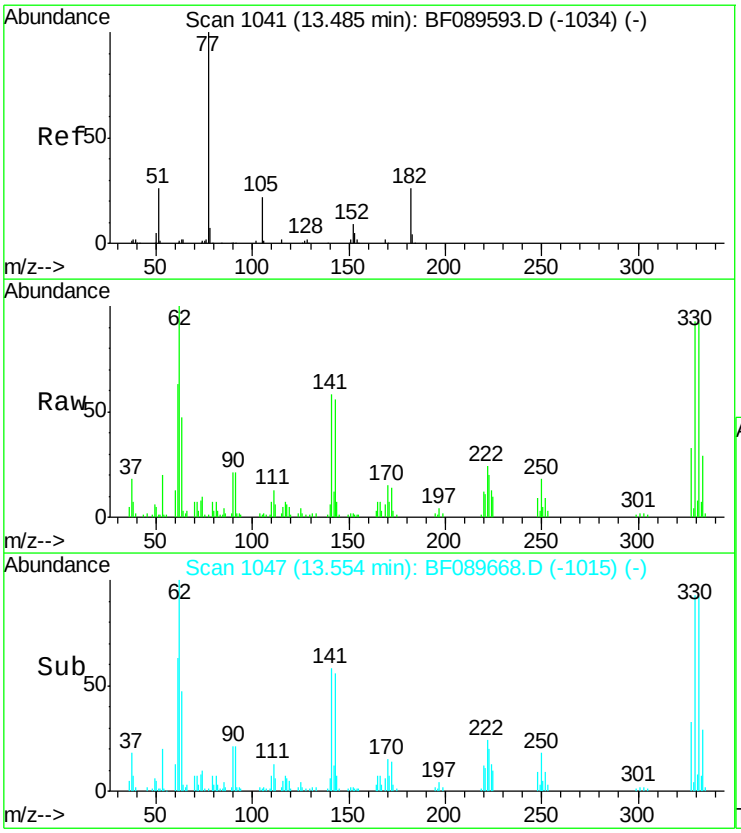
#59
Diethylphthalate
Concen: 0.14 ng
RT: 13.07 min Scan# 1005
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:149 Resp: 1003

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

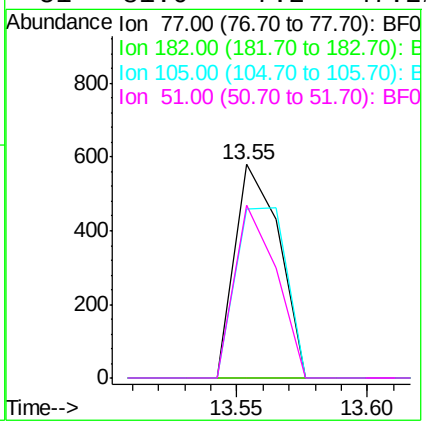


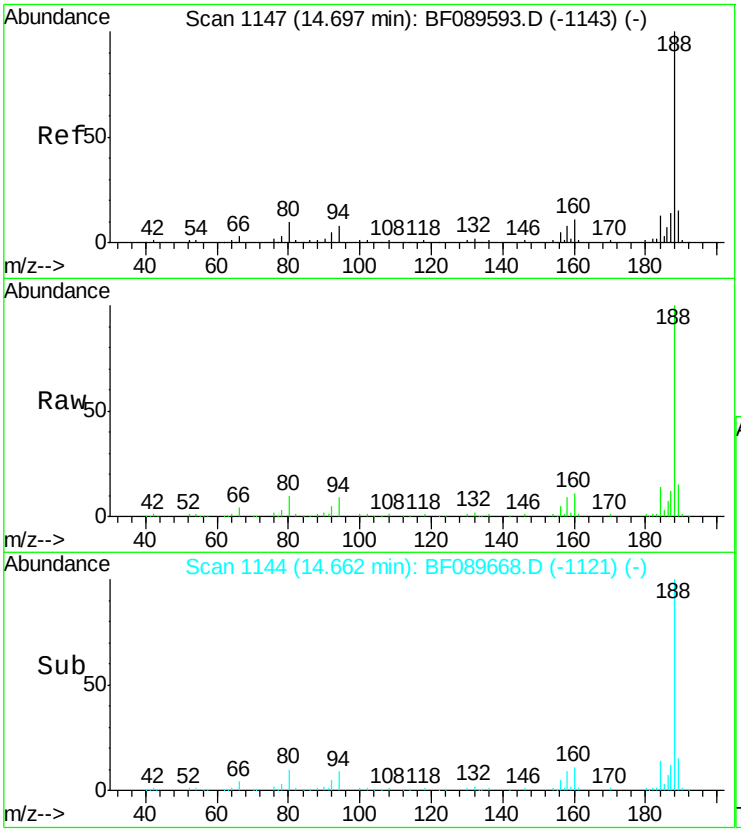


#62
Azobenzene
Concen: 0.10 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion: 77 Resp: 693

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	79.1	2.9	42.9#
51	81.0	7.2	47.2#



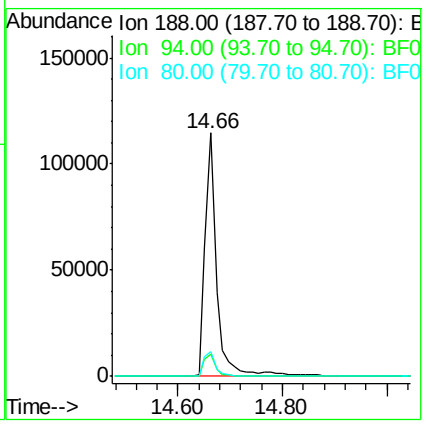


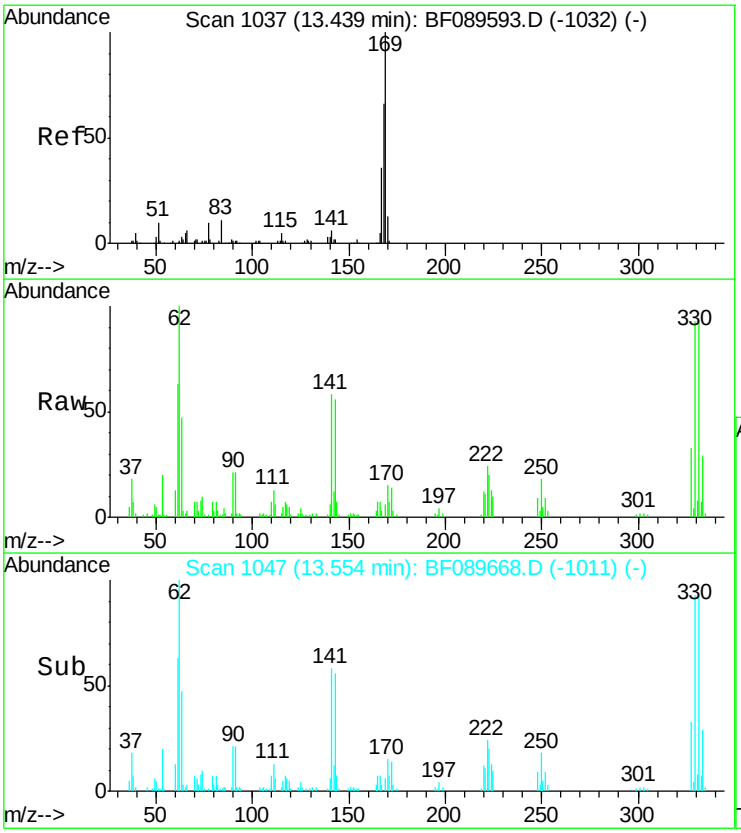
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:188 Resp: 177621

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.5	9.7
80	10.3	8.0	12.0

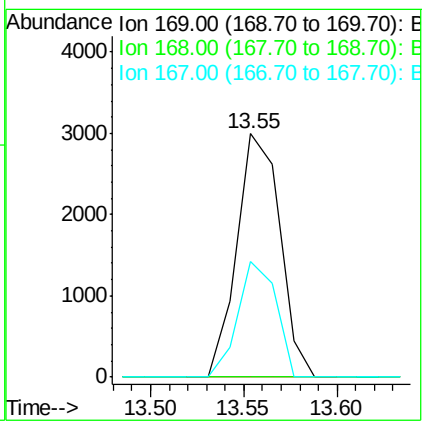


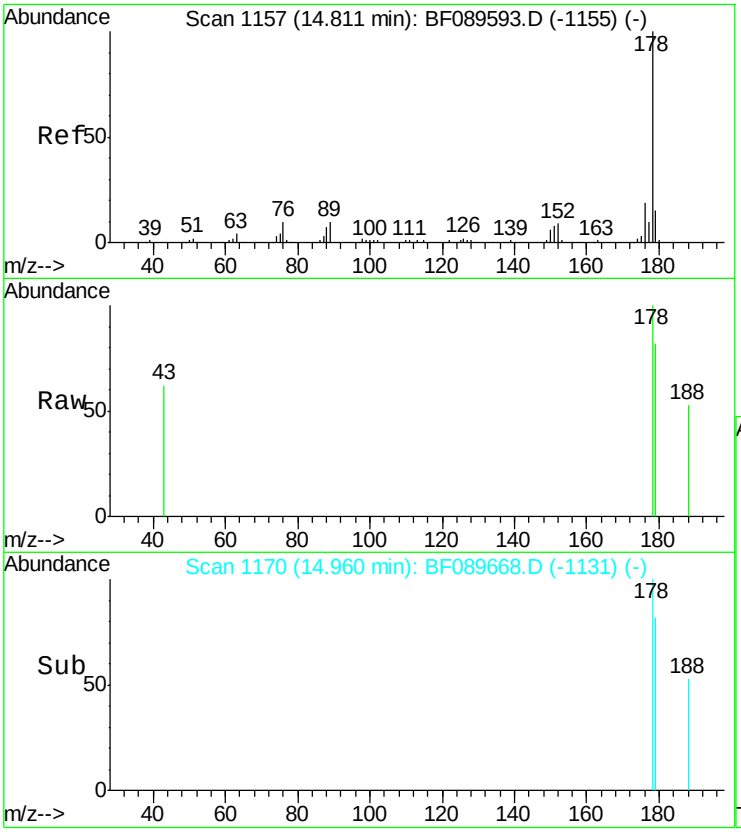


#65
n-Nitrosodiphenylamine
Concen: 0.80 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:169 Resp: 4799

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	47.7	28.9	43.3#



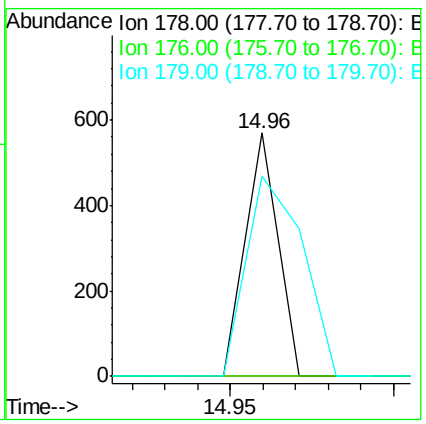


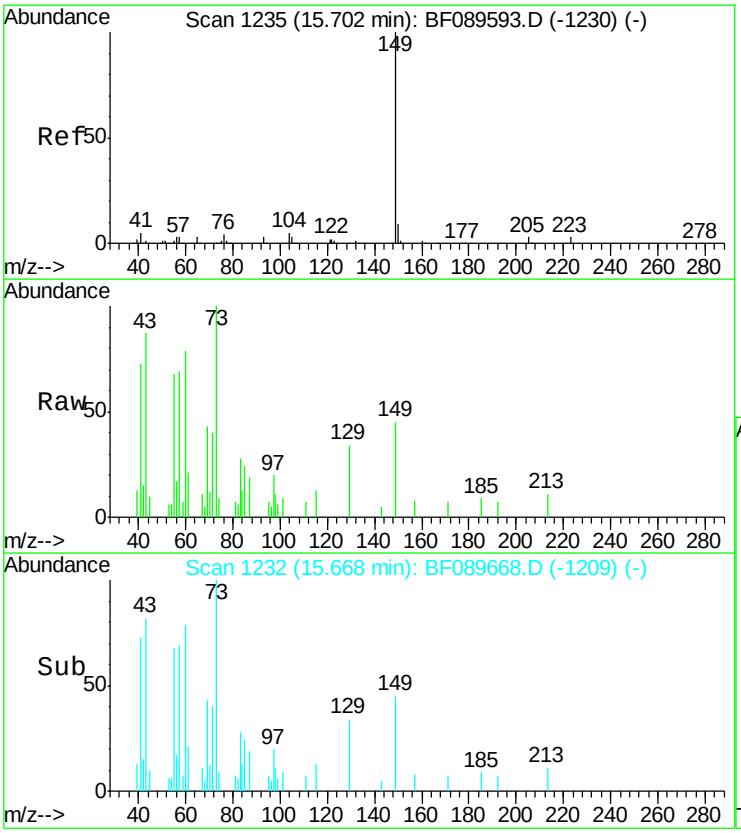
#71
Anthracene
Concen: 0.04 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.15 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:178 Resp: 391

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	82.3	12.4	18.6#

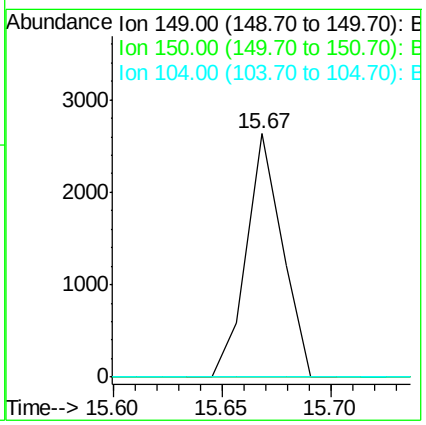


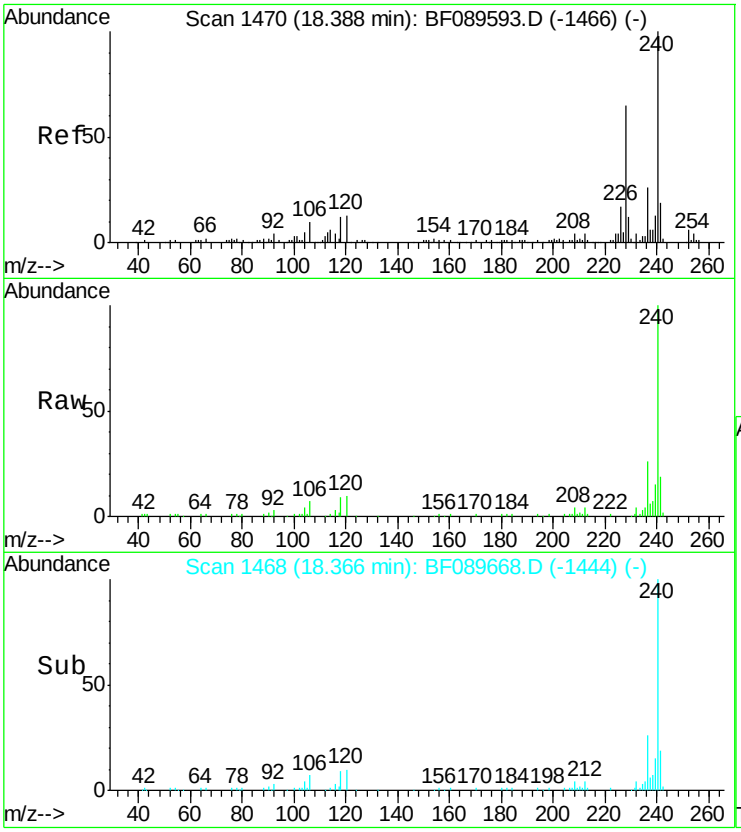


#73
Di-n-butylphthalate
Concen: 0.26 ng
RT: 15.67 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:149 Resp: 3043

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



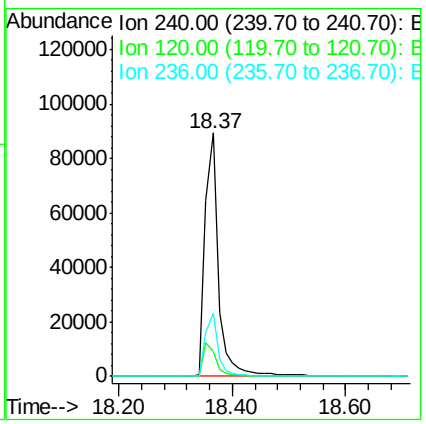


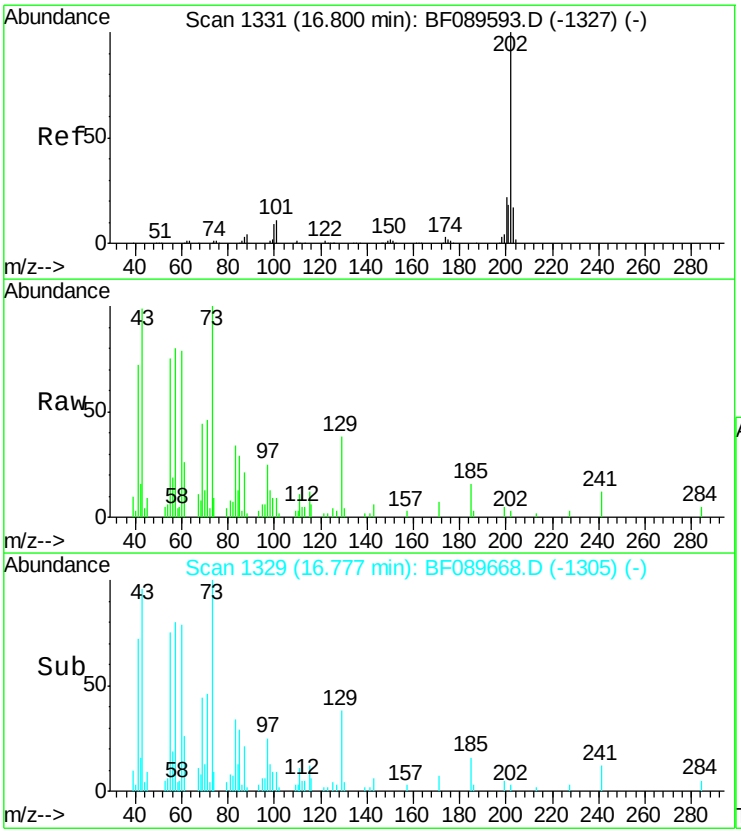
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:240 Resp: 140337

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.6	15.8#
236	25.8	20.6	30.8

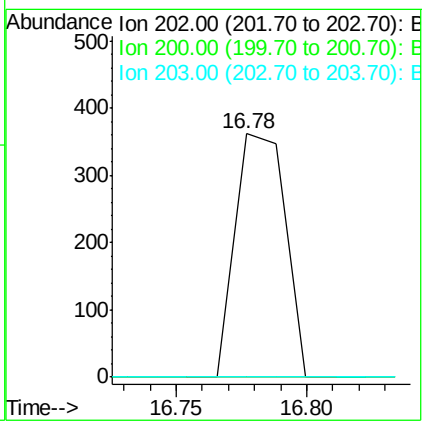


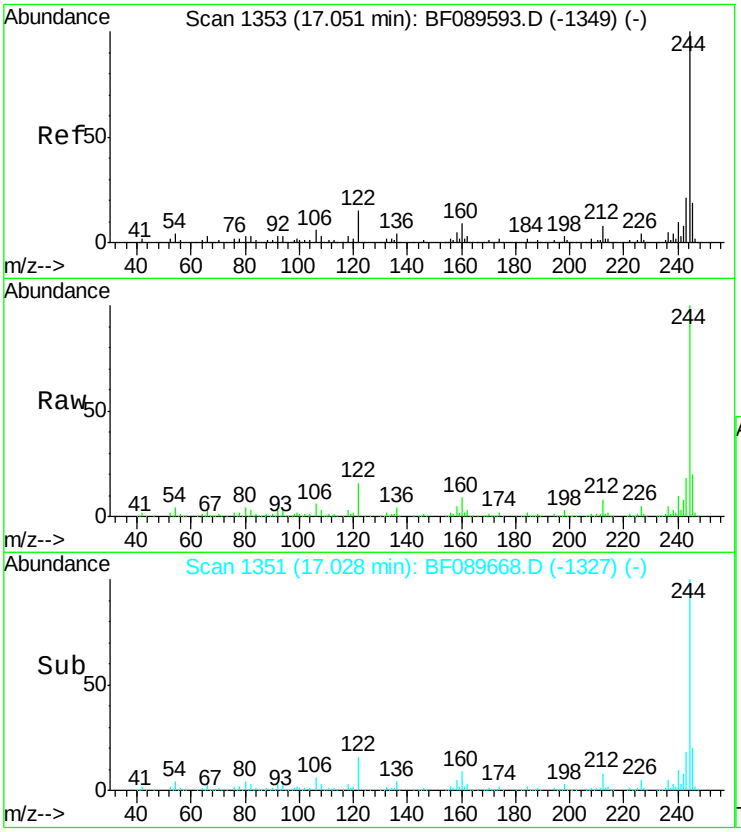


#77
Pyrene
Concen: 0.04 ng
RT: 16.78 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:202 Resp: 486

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.0#
203	0.0	13.6	20.4#



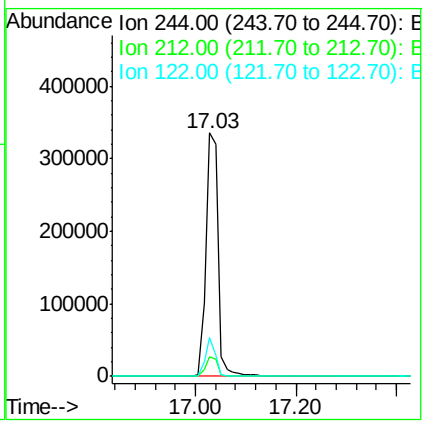


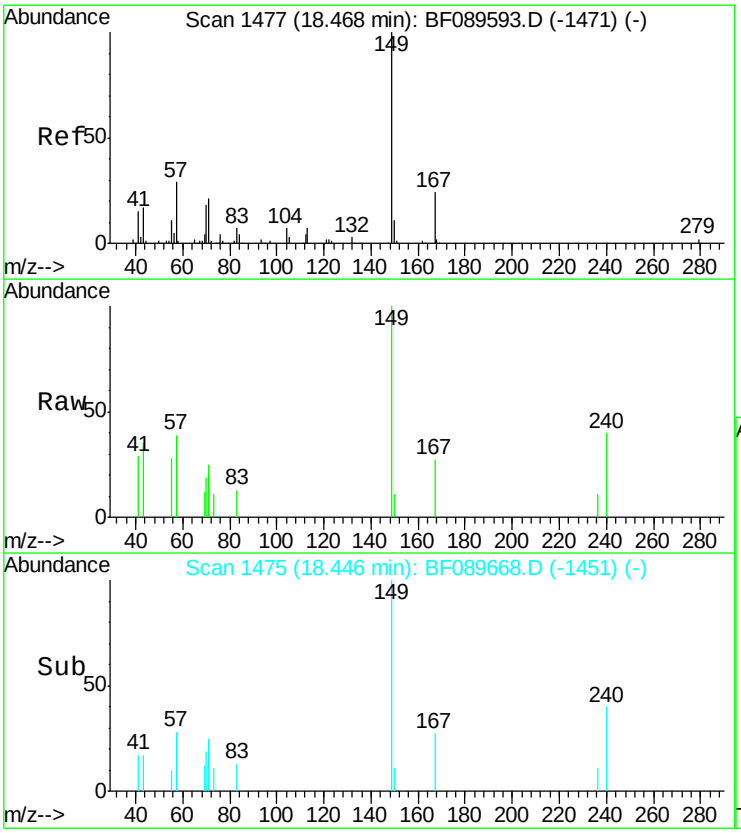
#78
Terphenyl-d14
Concen: 79.33 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:244 Resp: 563966

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.4	9.6
122	15.9	12.2	18.2

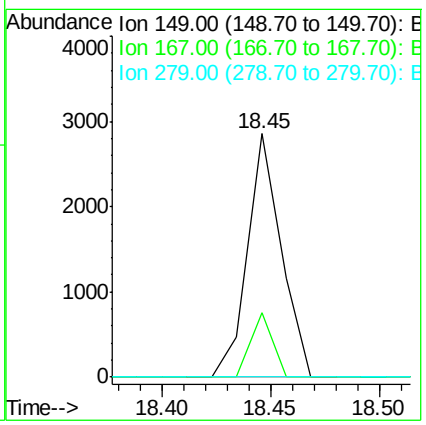


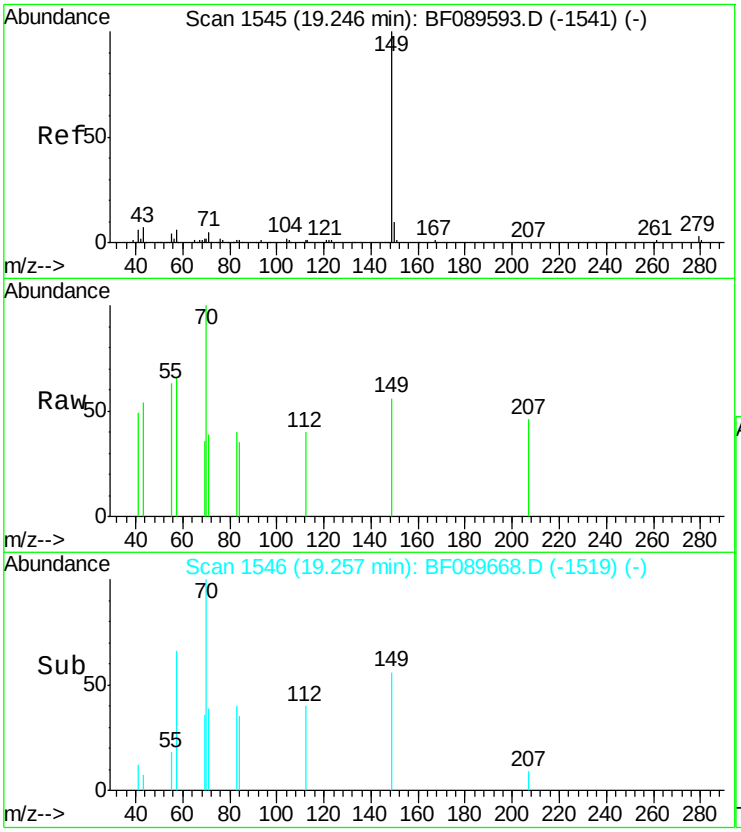


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:149 Resp: 3071

Ion	Ratio	Lower	Upper
149	100		
167	26.6	19.0	28.4
279	0.0	1.8	2.6#



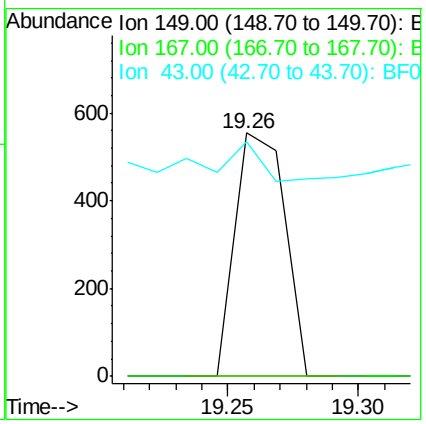


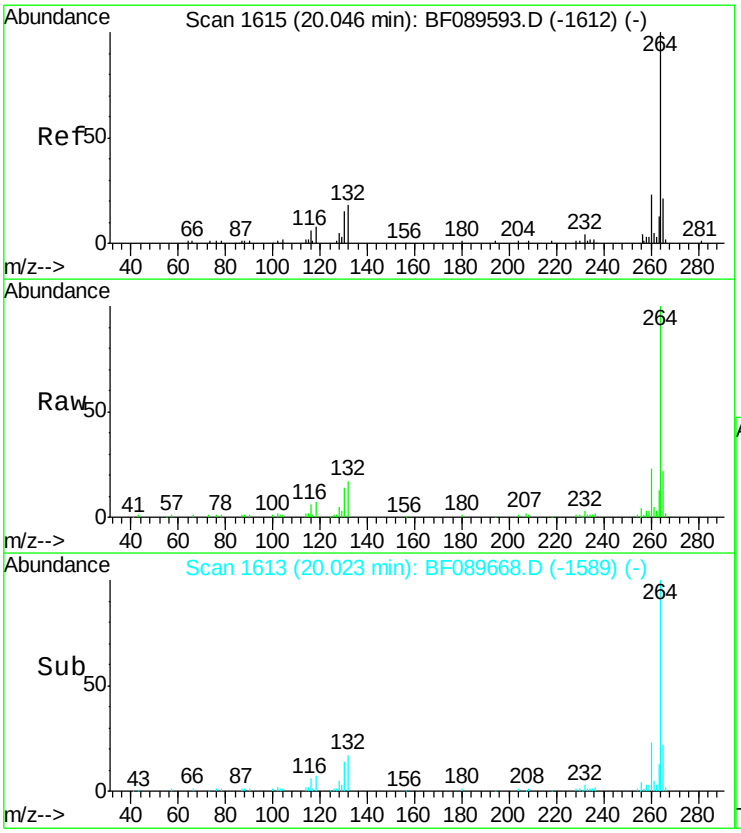
#84
Di-n-octyl phthalate
Concen: 0.07 ng
RT: 19.26 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BF089668.D
Acq: 8 Aug 2016 19:00

Instrument :
BNA_F
ClientSampleId :
WP-1

Tgt Ion:149 Resp: 733

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.1	1.7#
43	13.5	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: BF089668.D
Acq: 8 Aug 2016 19:00

Tgt Ion:264 Resp: 95416

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.7	16.5	24.7