Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089425.D
Acq On : 29 Jul 2016 23:10
Operator : UM/SJ
Sample : H4221-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-49-7.0-8.0

Quant Time: Jul 29 23:35:07 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	44906	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	175457	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	82537	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	131030	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	94689	20.00	ng		-0.03
86) Perylene-d12	14.96	264	94580	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	220505	78.40	ng		-0.02
7) Phenol-d6	6.17	99	301402	81.09	ng		-0.03
23) Nitrobenzene-d5	7.08	82	188852	63.53	ng		-0.03
41) 2,4,6-Tribromophenol	10.33	330	46682	68.29	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	338064	60.11	ng		-0.03
78) Terphenyl-d14	12.59	244	224612	55.52	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.68	88	53711	42.36	ng	#	26
9) Benzaldehyde	6.28	77	5209	2.87	ng		90
10) Phenol	6.18	94	1094	0.27	ng	#	1
15) Benzyl Alcohol	6.66	79	2671	1.16	ng	#	45
19) n-Nitroso-di-n-propylamine	7.08	70	24546	10.95	ng	#	81
24) Nitrobenzene	7.08	77	285	0.08	ng	#	38
45) 1,1'-Biphenyl	8.88	154	512	0.07	ng	#	1
47) 2-Nitroaniline	9.28	65	1035	0.66	ng	#	1
49) Dimethylphthalate	9.28	163	126479	20.13	ng		99
50) 2,6-Dinitrotoluene	9.28	165	1080	0.84	ng	#	1
51) Acenaphthene	9.54	154	212	0.04	ng	#	4
56) 2,4-Dinitrotoluene	9.54	165	10085	5.94	ng	#	7
57) Fluorene	10.33	166	2226	0.39	ng	#	92
59) Diethylphthalate	9.98	149	1845	0.29	ng	#	86
65) n-Nitrosodiphenylamine	10.32	169	1693	0.41	ng	#	44
66) 4-Bromophenyl-phenylether	10.33	248	3342	2.67	ng	#	1
76) Benzidine	12.59	184	3400	0.97	ng		98
77) Pyrene	12.59	202	665	0.09	ng	#	52
83) Bis(2-ethylhexyl)phthalate	13.63	149	291	0.06	ng	#	55

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

Quantitation Report (Not Reviewed)

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SB-49-7.0-8.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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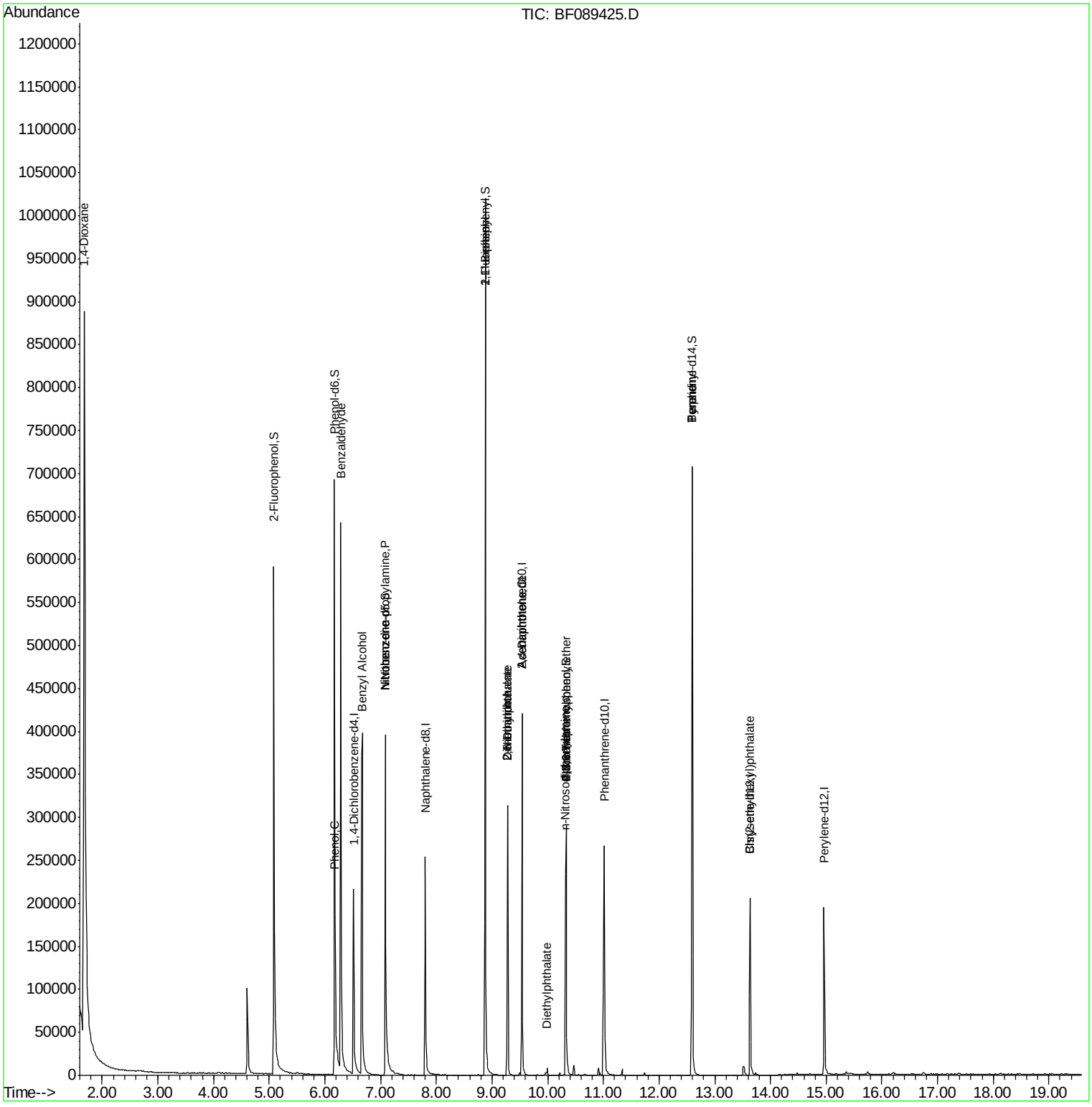
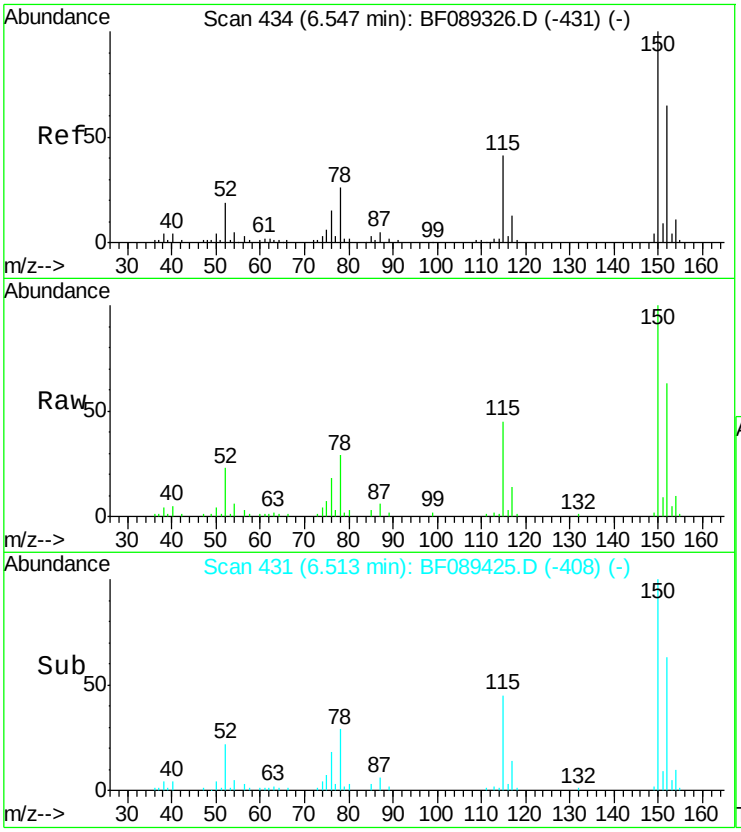


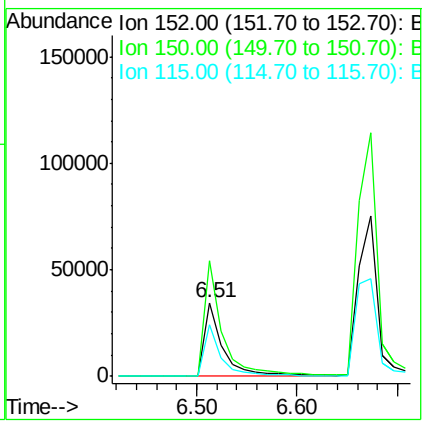


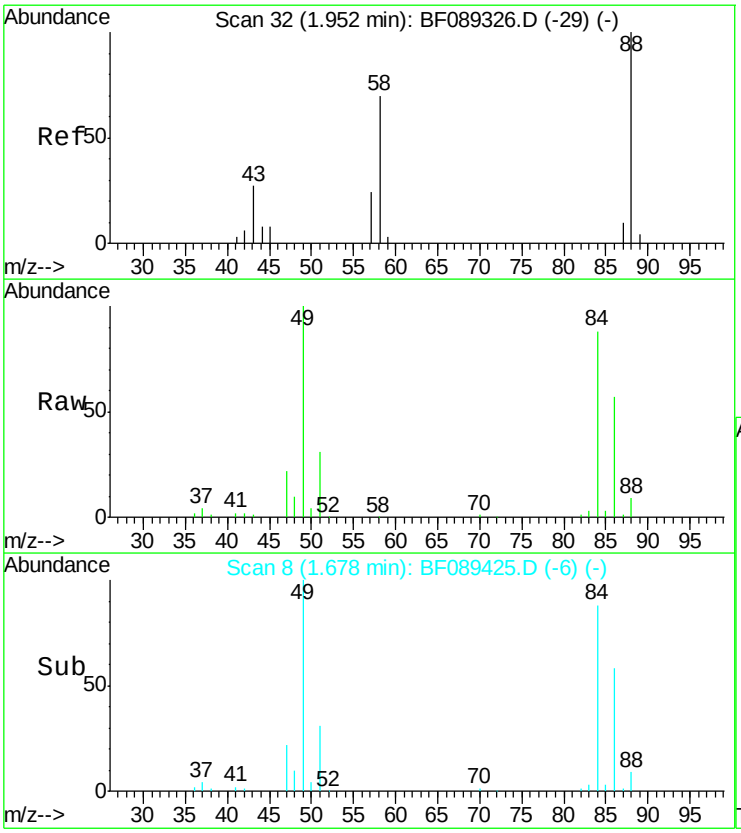
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:152 Resp: 44906

Ion	Ratio	Lower	Upper
152	100		
150	158.2	129.5	194.3
115	70.7	51.4	77.2

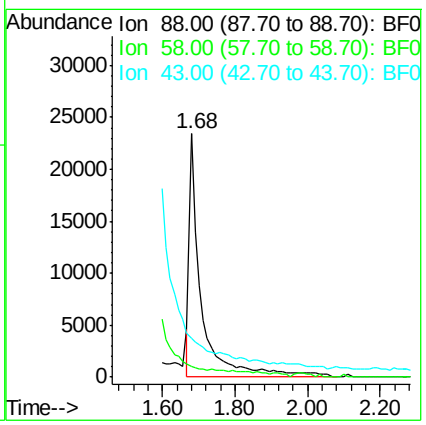


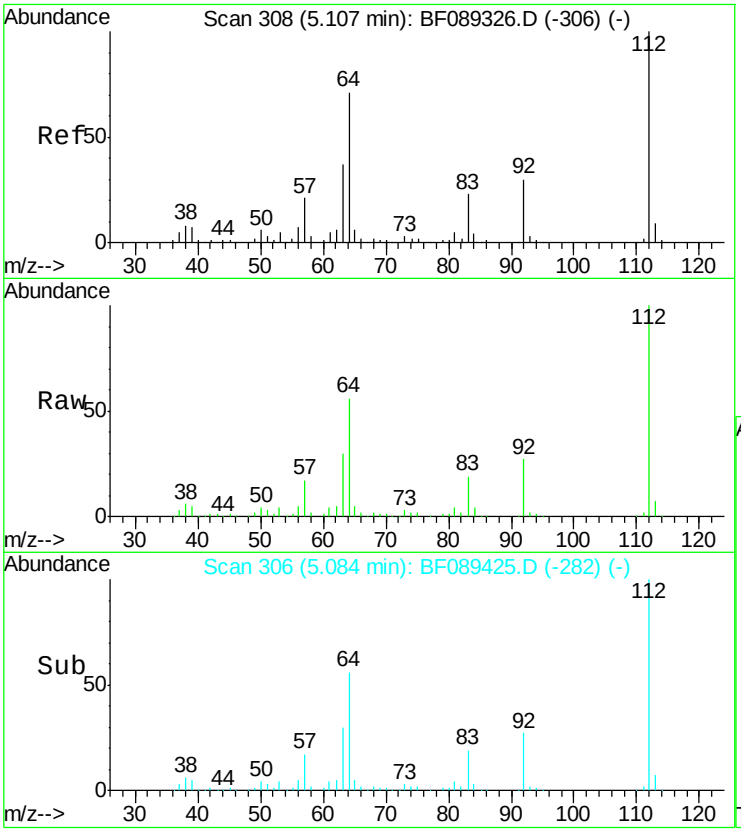


#2
1,4-Dioxane
Concen: 42.36 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 88 Resp: 53711

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



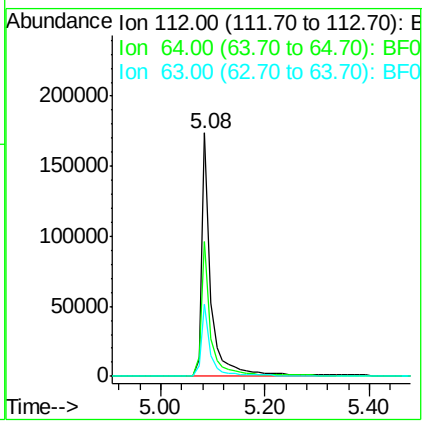


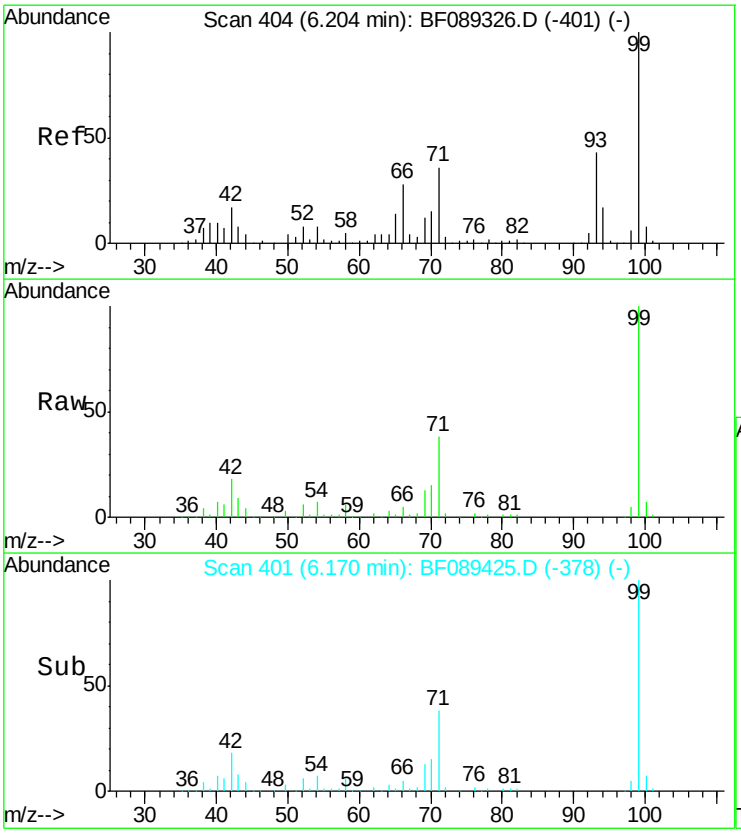
#5
2-Fluorophenol
Concen: 78.40 ng
RT: 5.08 min Scan# 306
Delta R.T. -0.02 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:112 Resp: 220505

Ion	Ratio	Lower	Upper
112	100		
64	55.6	55.0	82.6
63	29.7	29.4	44.2

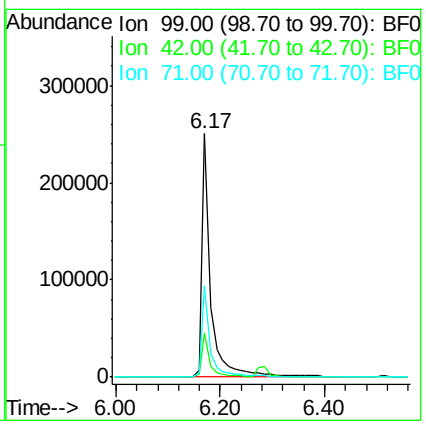


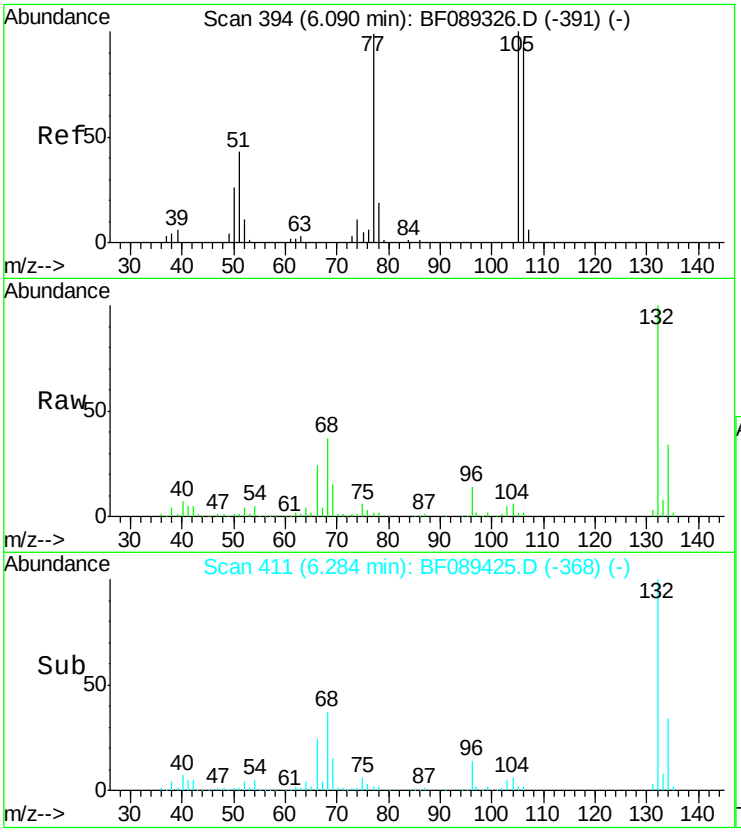


#7
Phenol-d6
Concen: 81.09 ng
RT: 6.17 min Scan# 401
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 99 Resp: 301402

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.6	20.4
71	37.6	29.4	44.2



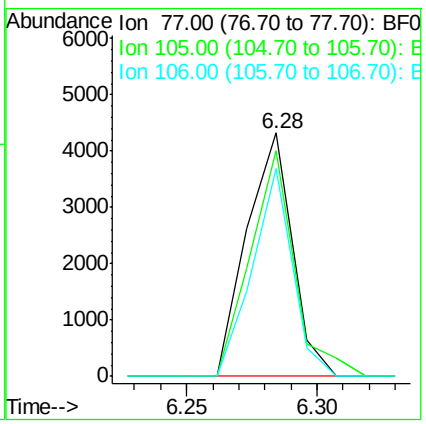


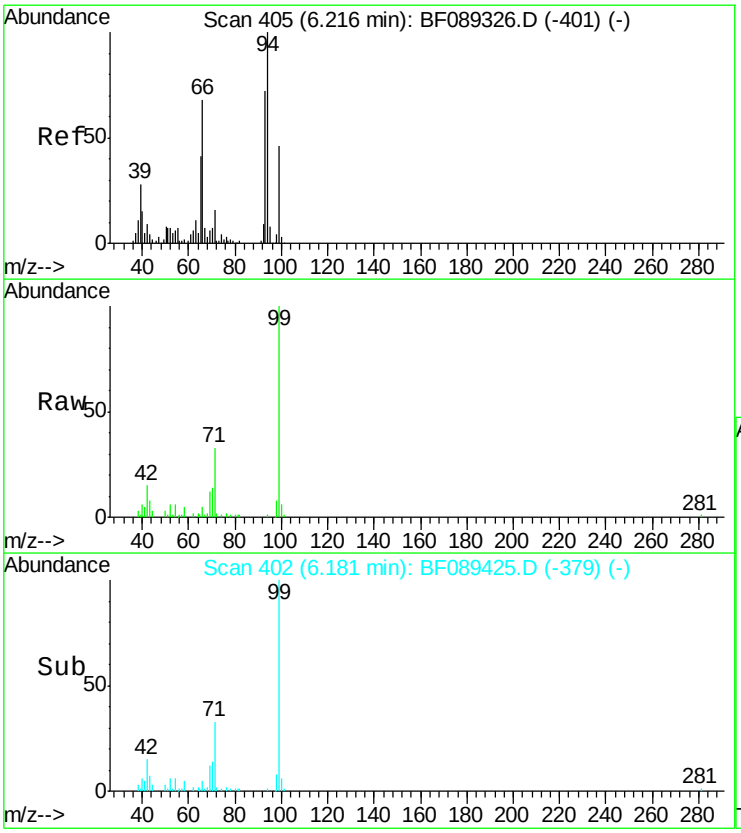
#9
Benzaldehyde
Concen: 2.87 ng
RT: 6.28 min Scan# 411
Delta R.T. 0.19 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion: 77 Resp: 5209

Ion	Ratio	Lower	Upper
77	100		
105	92.5	82.9	122.9
106	85.5	75.9	115.9

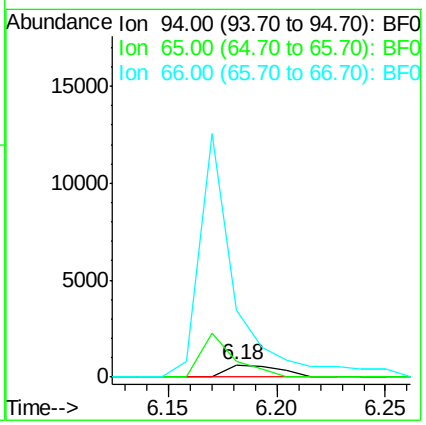


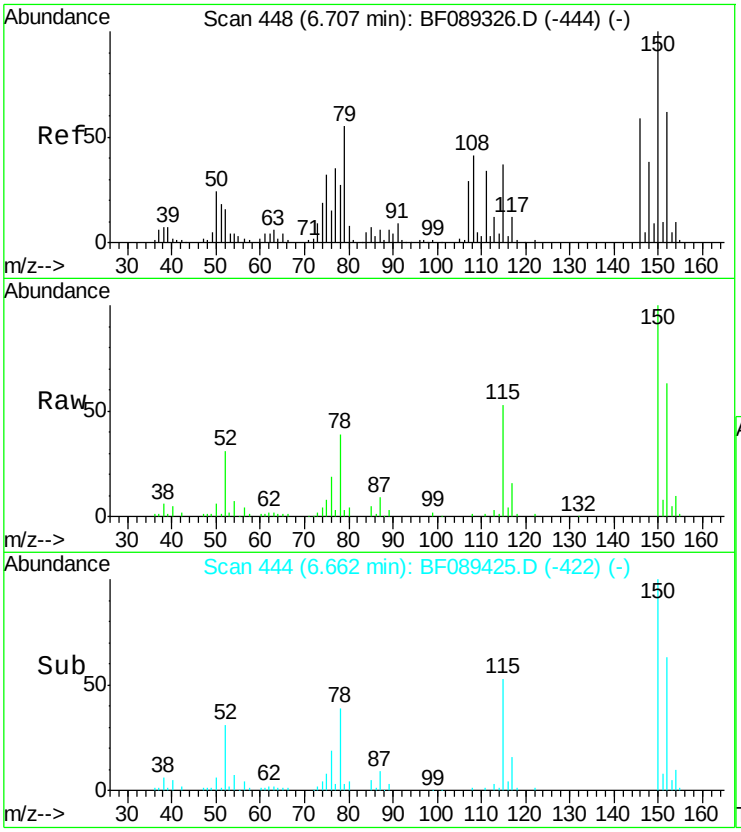


#10
Phenol
Concen: 0.27 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 94 Resp: 1094

Ion	Ratio	Lower	Upper
94	100		
65	125.3	19.1	59.1#
66	529.3	44.4	84.4#



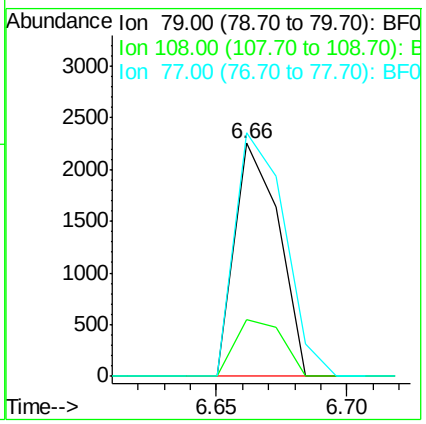


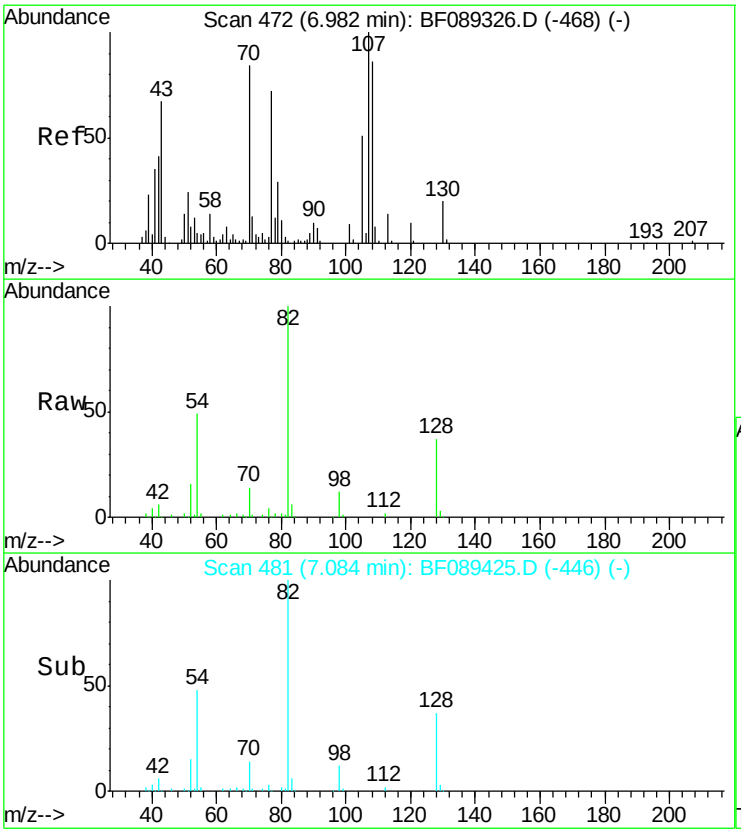
#15
Benzyl Alcohol
Concen: 1.16 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.05 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion: 79 Resp: 2671

Ion	Ratio	Lower	Upper
79	100		
108	24.4	59.8	89.6#
77	104.5	51.7	77.5#

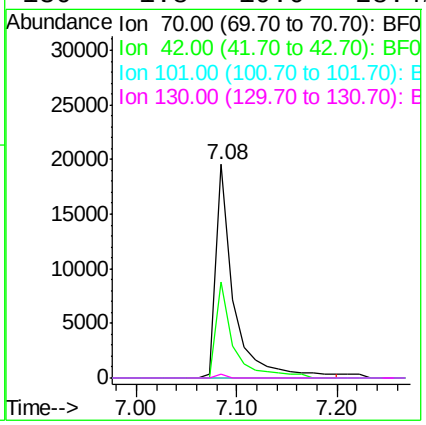


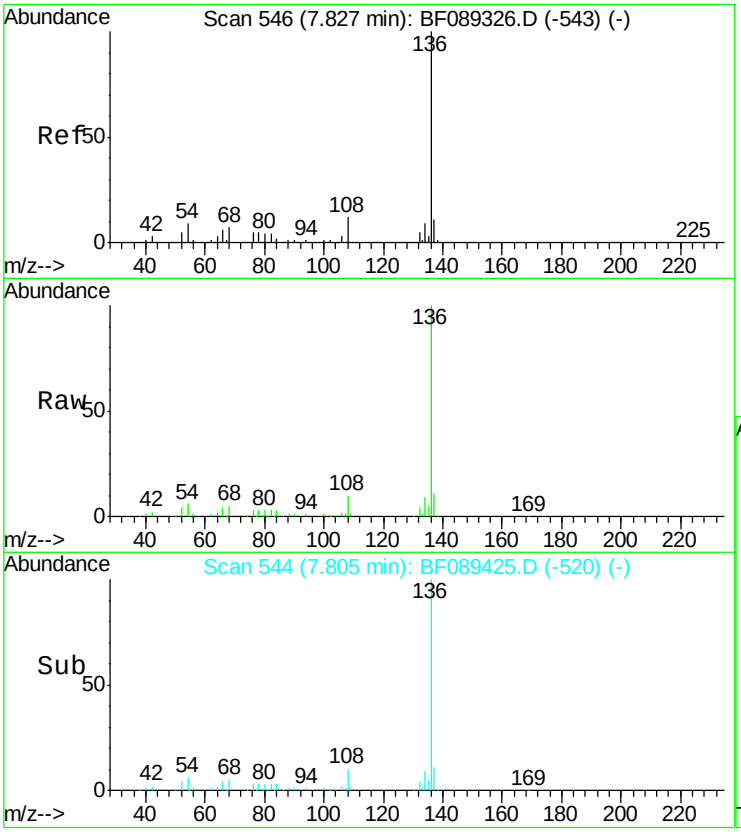


#19
n-Nitroso-di-n-propylamine
Concen: 10.95 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 70 Resp: 24546

Ion	Ratio	Lower	Upper
70	100		
42	44.8	38.6	57.8
101	0.0	8.3	12.5#
130	1.8	19.0	28.4#



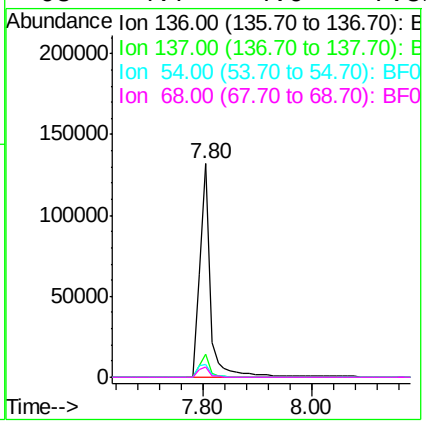


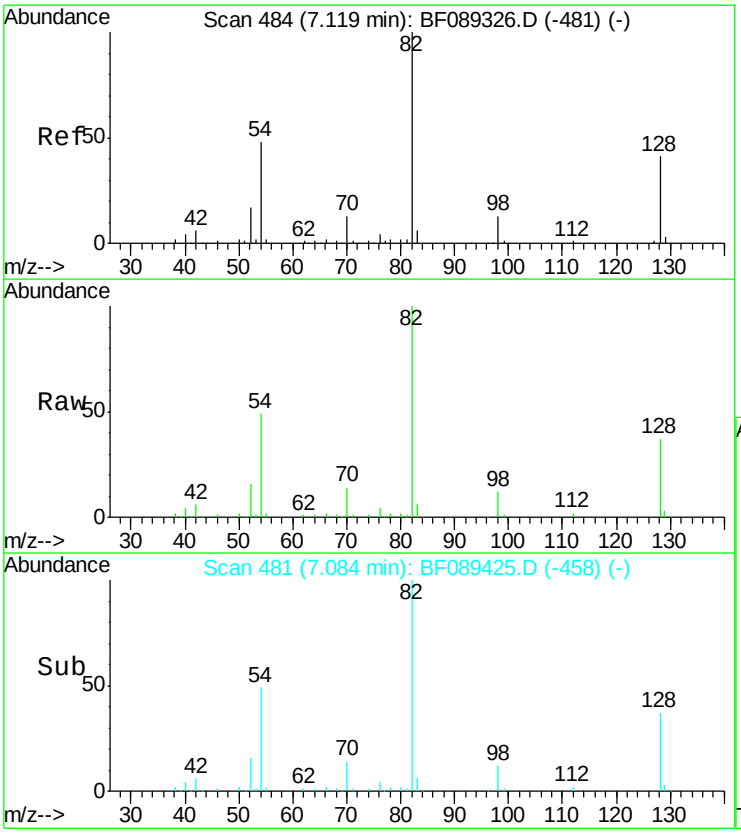
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:136 Resp: 175457

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.0	7.0	10.4#
68	4.7	4.9	7.3#

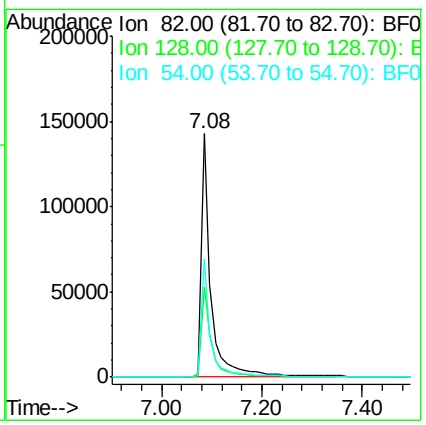


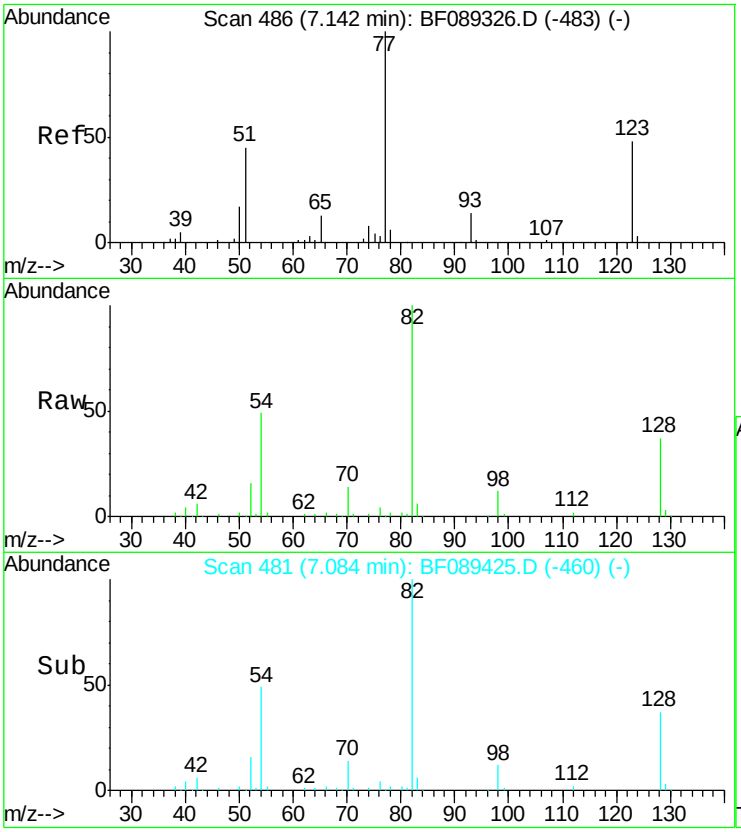


#23
Nitrobenzene-d5
Concen: 63.53 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 82 Resp: 188852

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.5	48.7
54	48.6	38.8	58.2



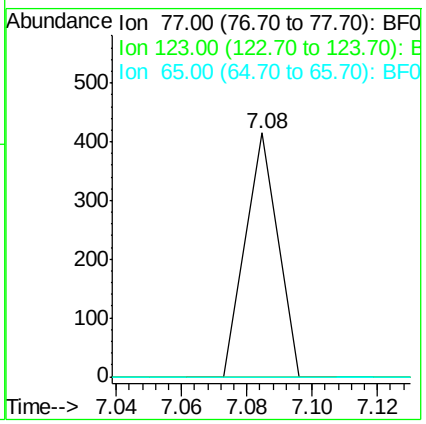


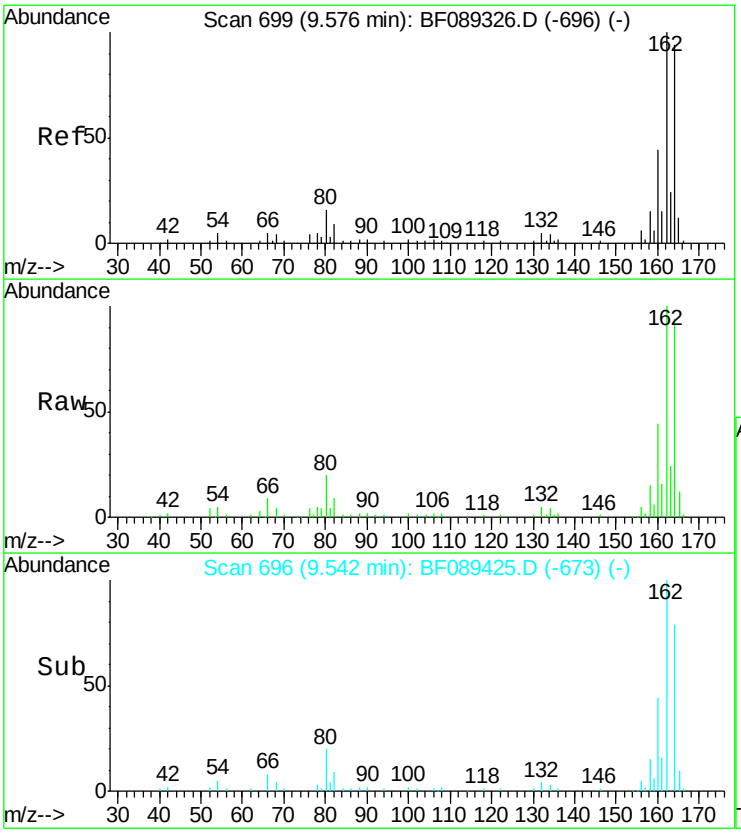
#24
Nitrobenzene
Concen: 0.08 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.06 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion: 77 Resp: 285

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.2	55.8#
65	0.0	10.2	15.4#

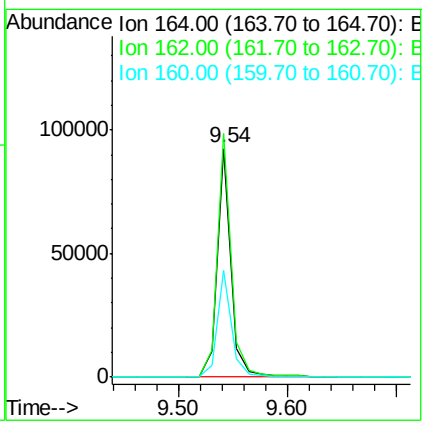


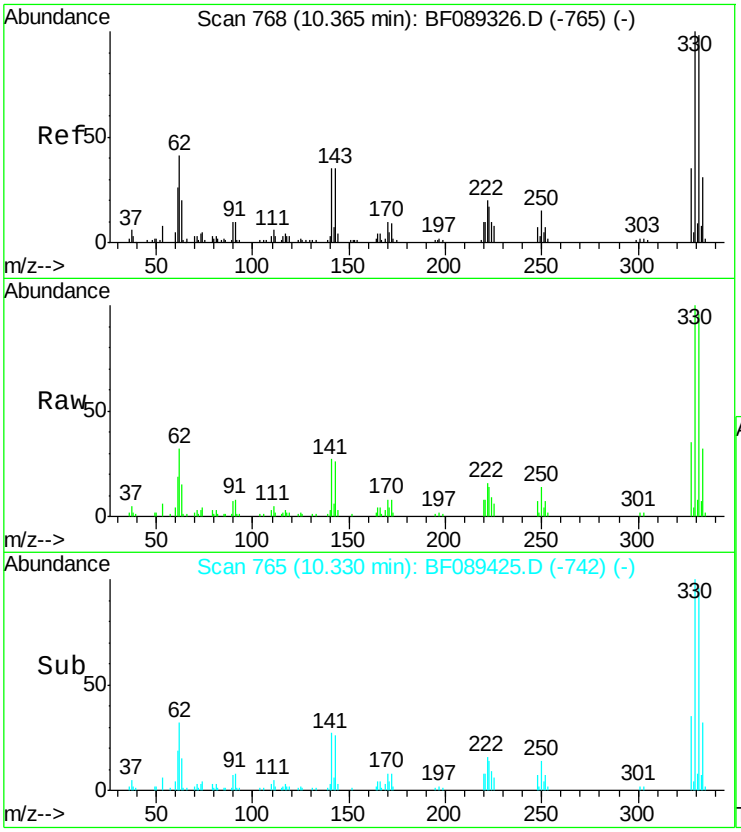


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:164 Resp: 82537

Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.7	125.5
160	46.8	37.8	56.6



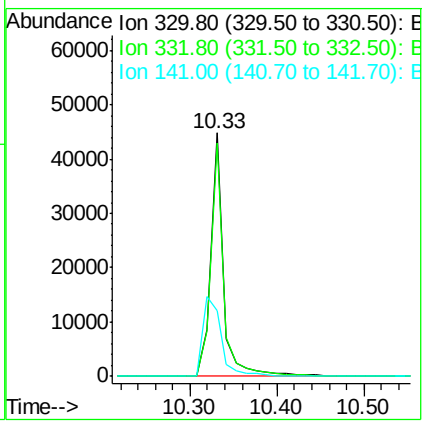


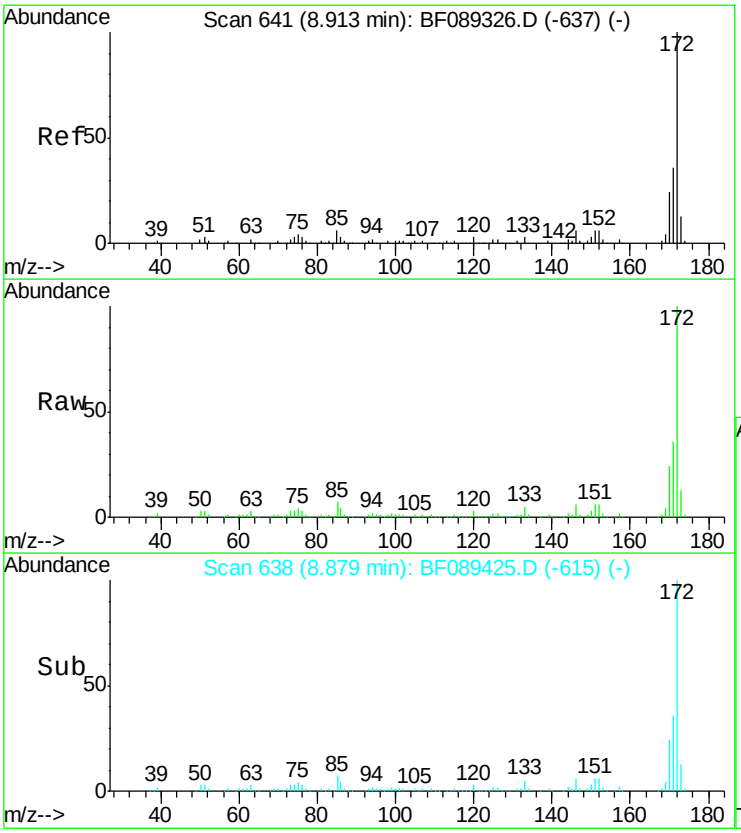
#41
2,4,6-Tribromophenol
Concen: 68.29 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:330 Resp: 46682

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	46.1	37.3	55.9

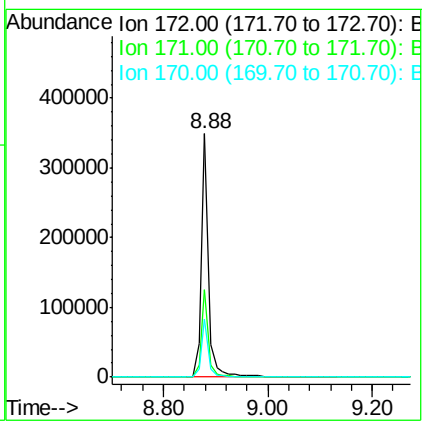


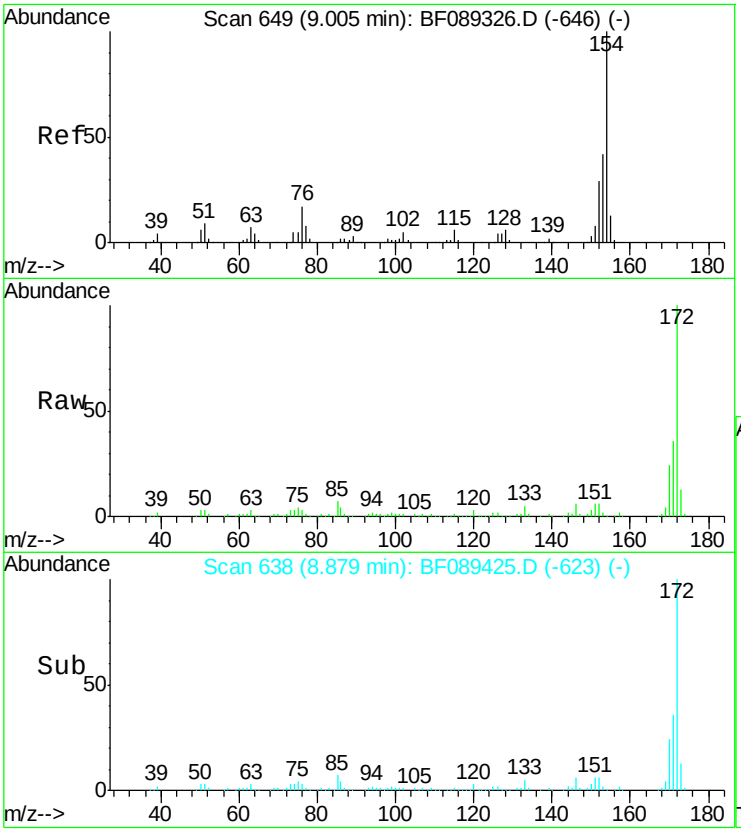


#44
2-Fluorobiphenyl
Concen: 60.11 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:172 Resp: 338064

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.7	19.2	28.8



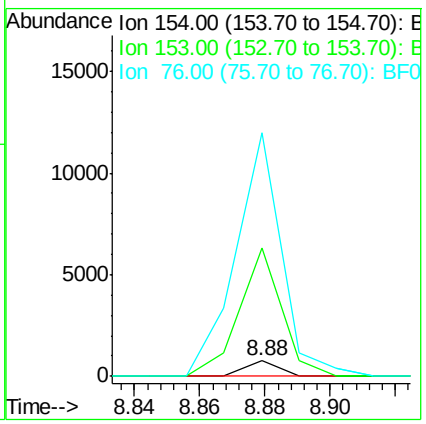


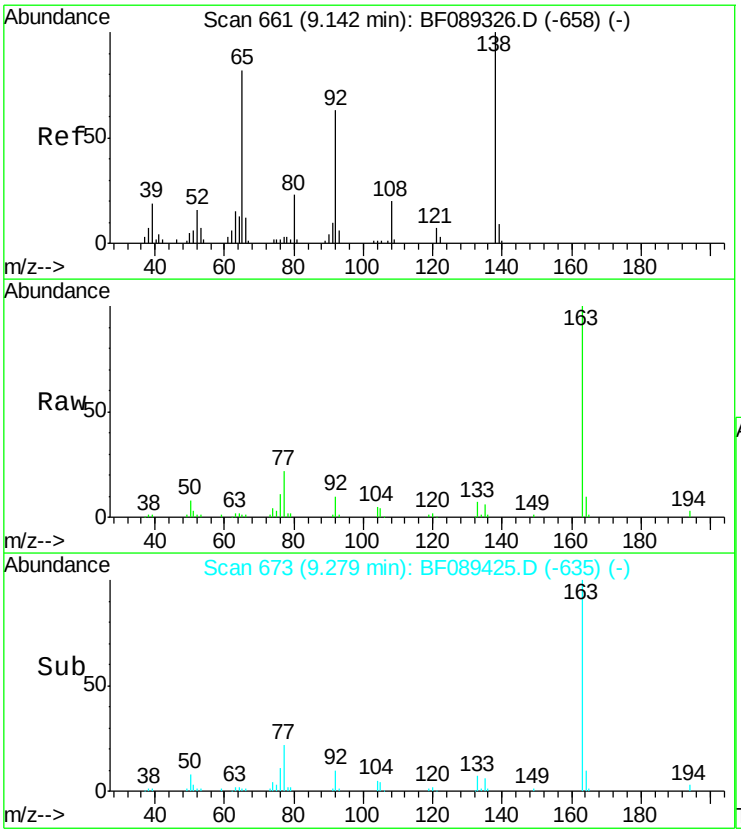
#45
1,1'-Biphenyl
Concen: 0.07 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.13 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:154 Resp: 512

Ion	Ratio	Lower	Upper
154	100		
153	844.8	21.0	61.0#
76	1606.2	0.0	36.6#

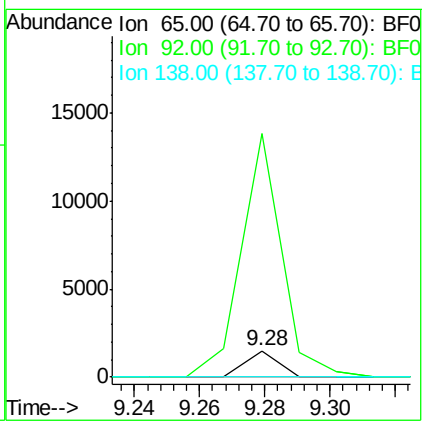


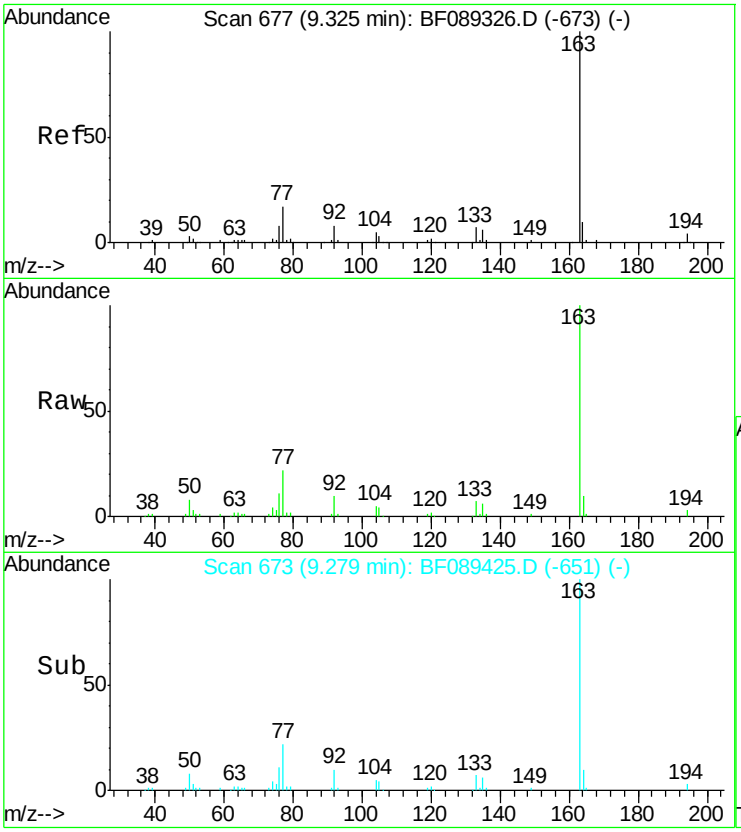


#47
2-Nitroaniline
Concen: 0.66 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.14 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion: 65 Resp: 1035

Ion	Ratio	Lower	Upper
65	100		
92	915.6	61.0	91.4#
138	0.0	99.1	148.7#



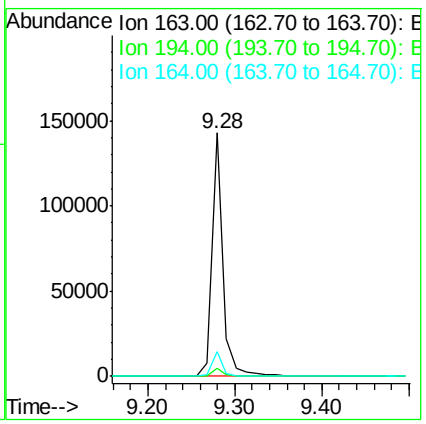


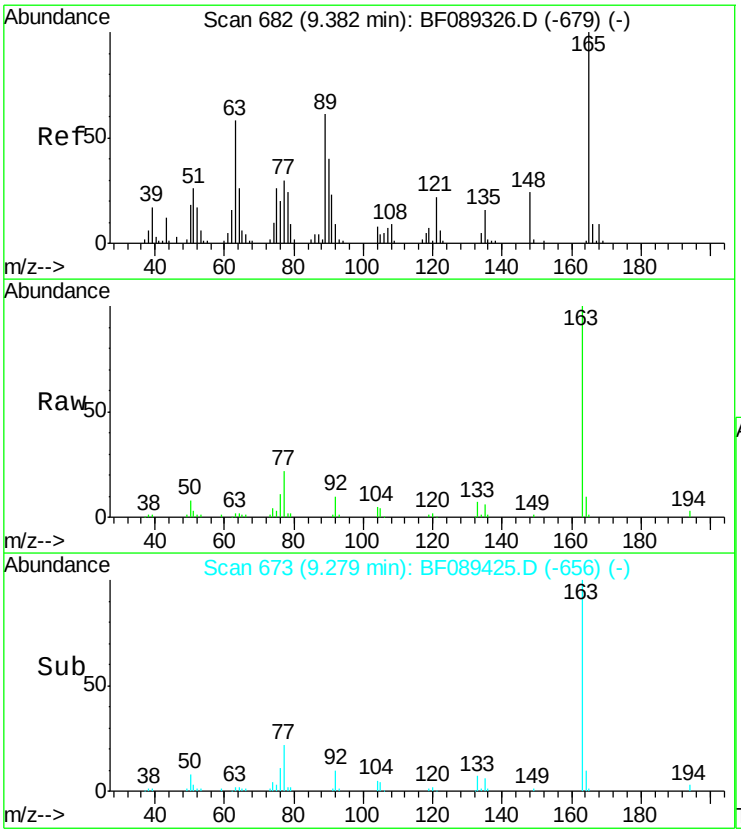
#49
Dimethylphthalate
Concen: 20.13 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:163 Resp: 126479

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	7.8	11.8

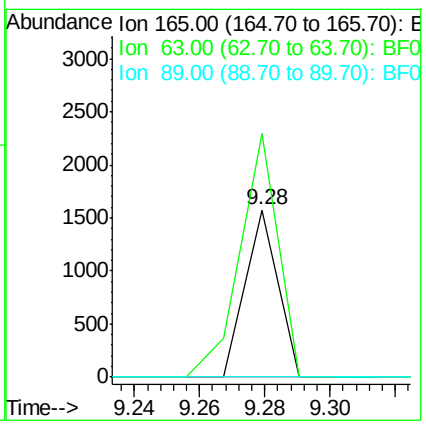


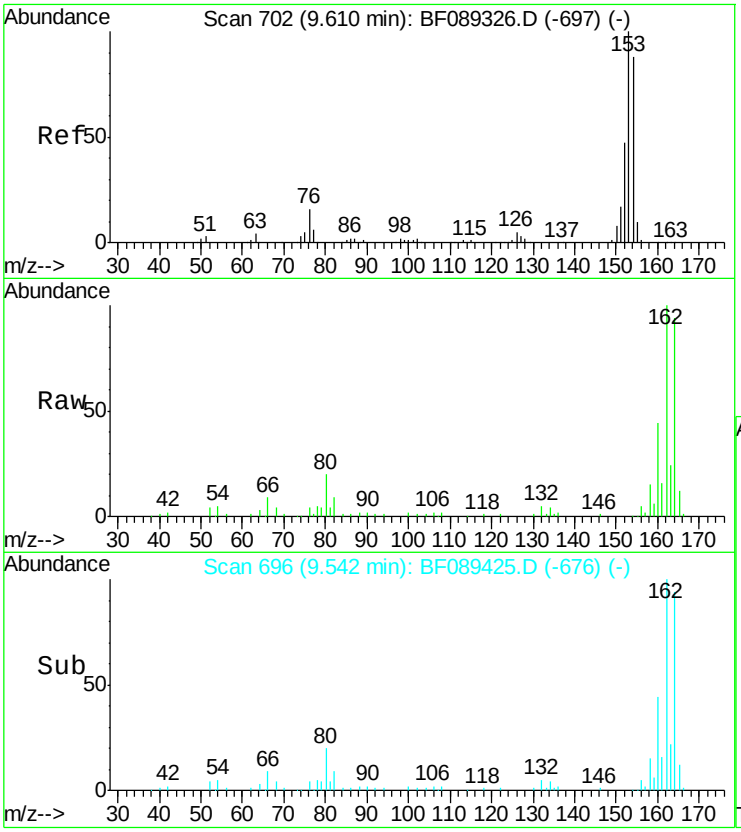


#50
2,6-Dinitrotoluene
Concen: 0.84 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.10 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:165 Resp: 1080

Ion	Ratio	Lower	Upper
165	100		
63	145.7	43.5	65.3#
89	0.0	45.0	67.4#



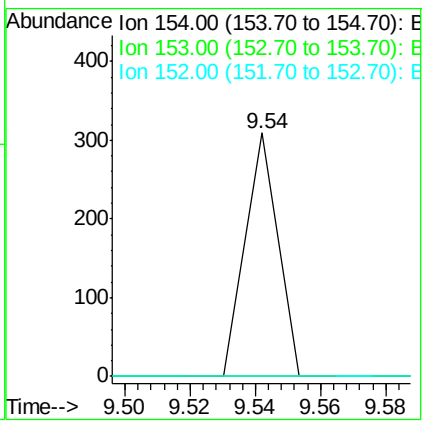


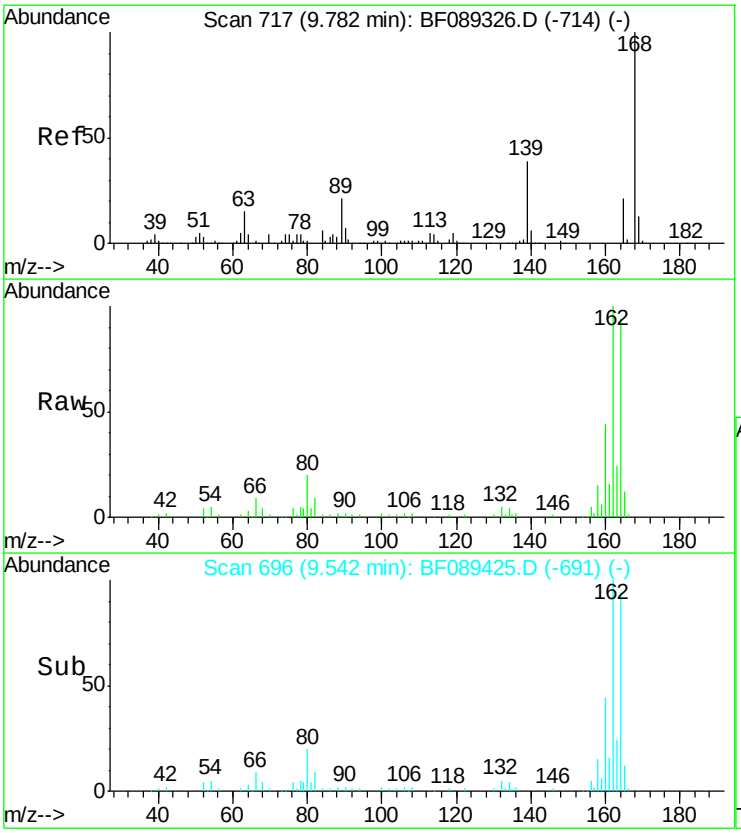
#51
Acenaphthene
Concen: 0.04 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.07 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:154 Resp: 212

Ion	Ratio	Lower	Upper
154	100		
153	0.0	91.4	137.2#
152	0.0	43.8	65.6#

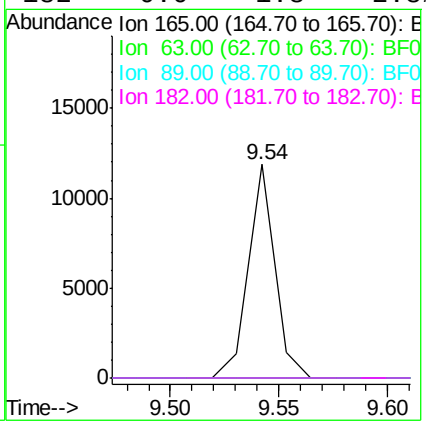


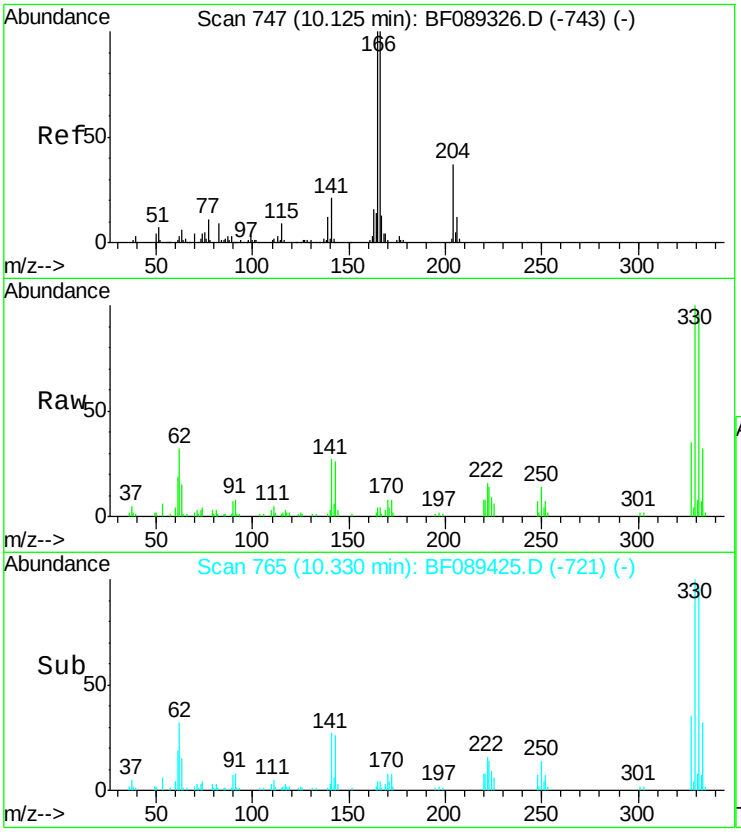


#56
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:165 Resp: 10085

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



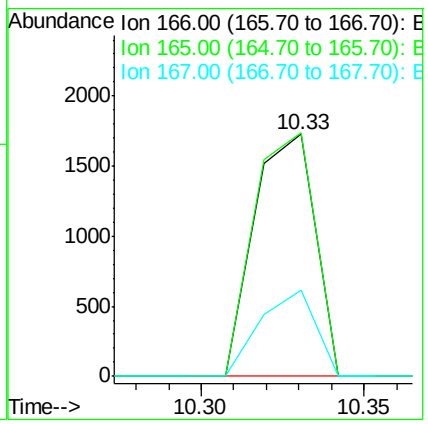


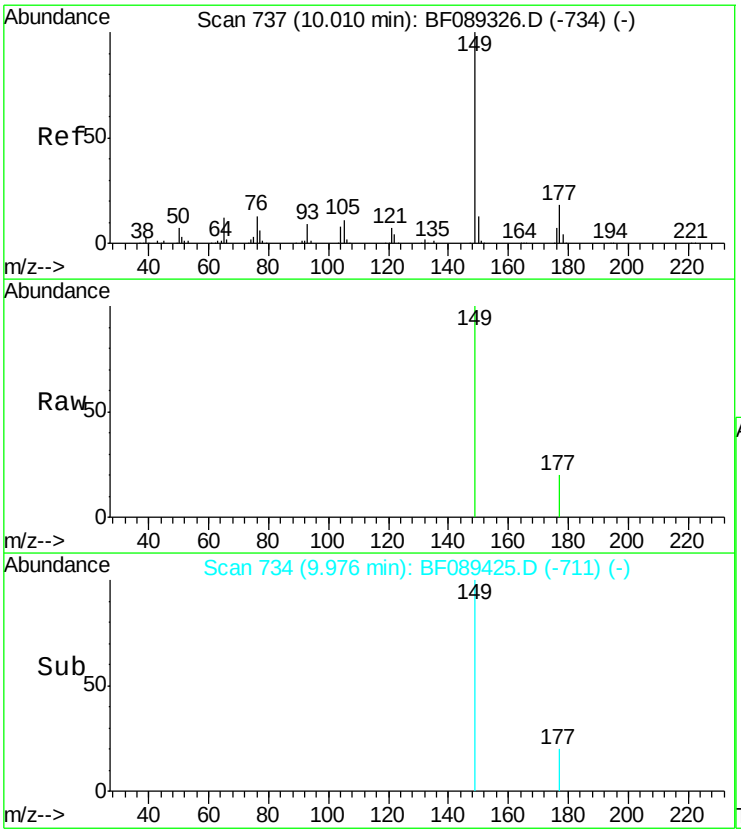
#57
Fluorene
Concen: 0.39 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.21 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:166 Resp: 2226

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.0	118.4
167	35.5	10.2	15.2#

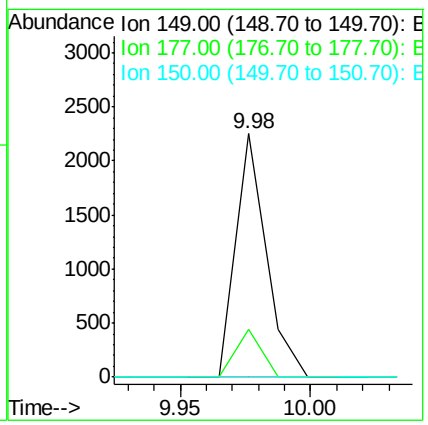


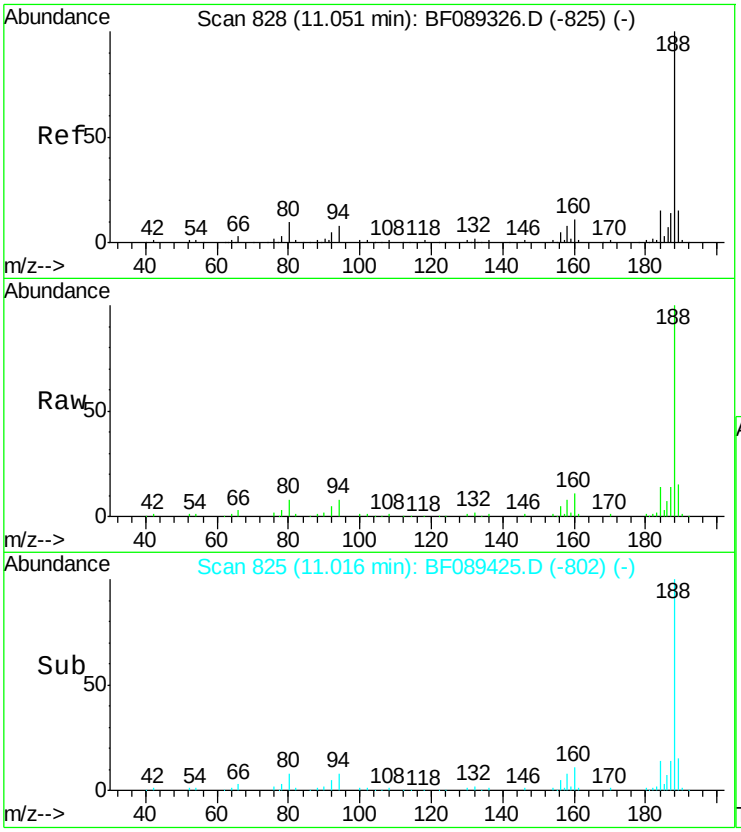


#59
Diethylphthalate
Concen: 0.29 ng
RT: 9.98 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:149 Resp: 1845

Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.1	22.7
150	0.0	10.2	15.4#



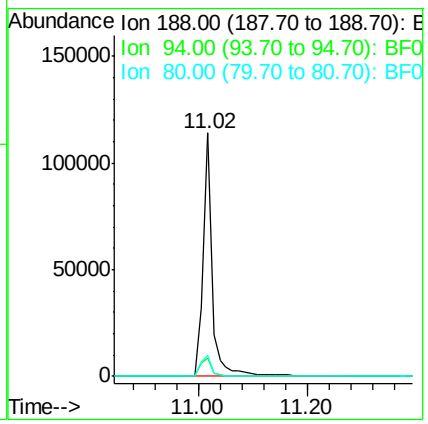


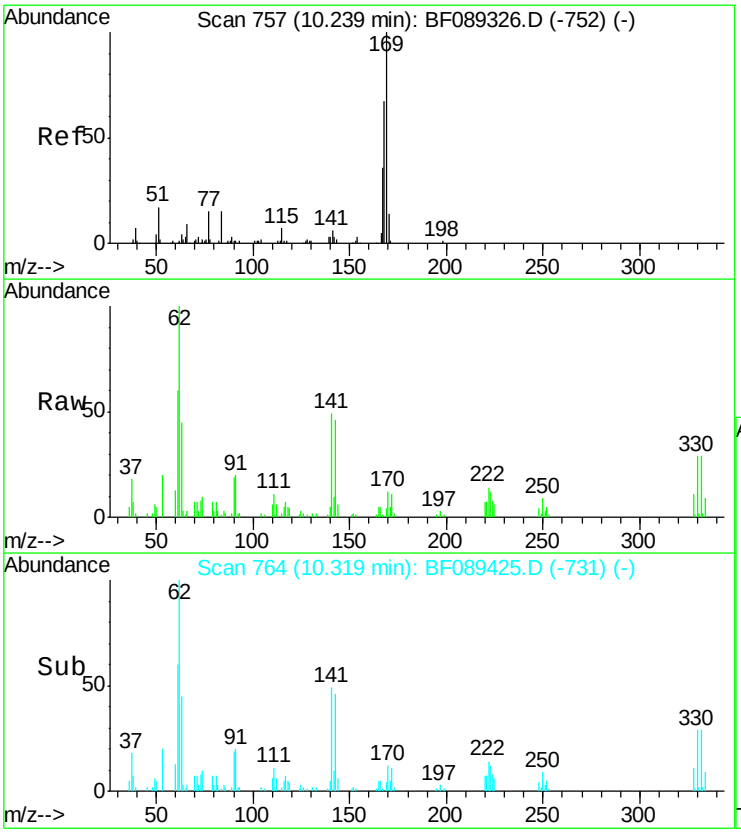
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:188 Resp: 131030

Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.5	9.7
80	8.5	7.2	10.8

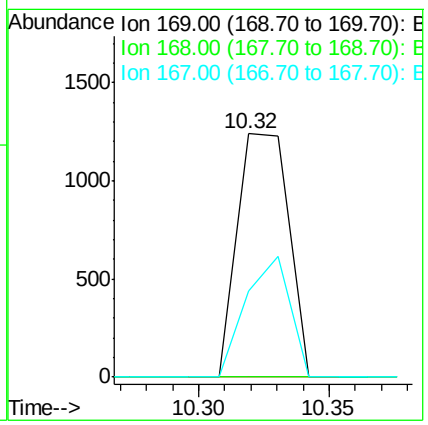


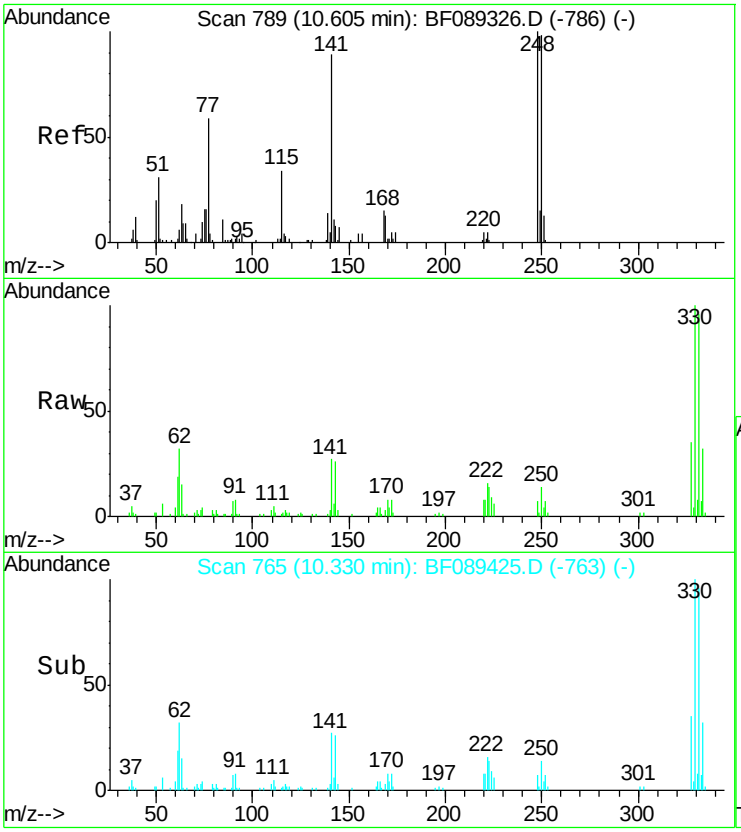


#65
n-Nitrosodiphenylamine
Concen: 0.41 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.08 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:169 Resp: 1693

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.4	83.0#
167	35.2	29.7	44.5



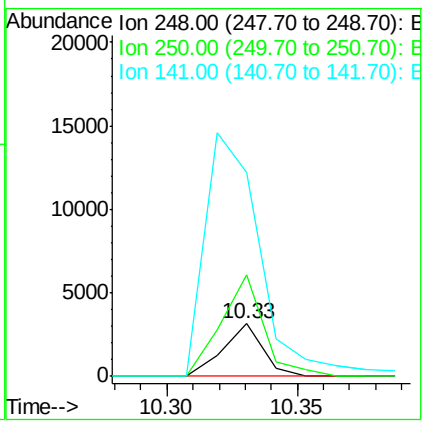


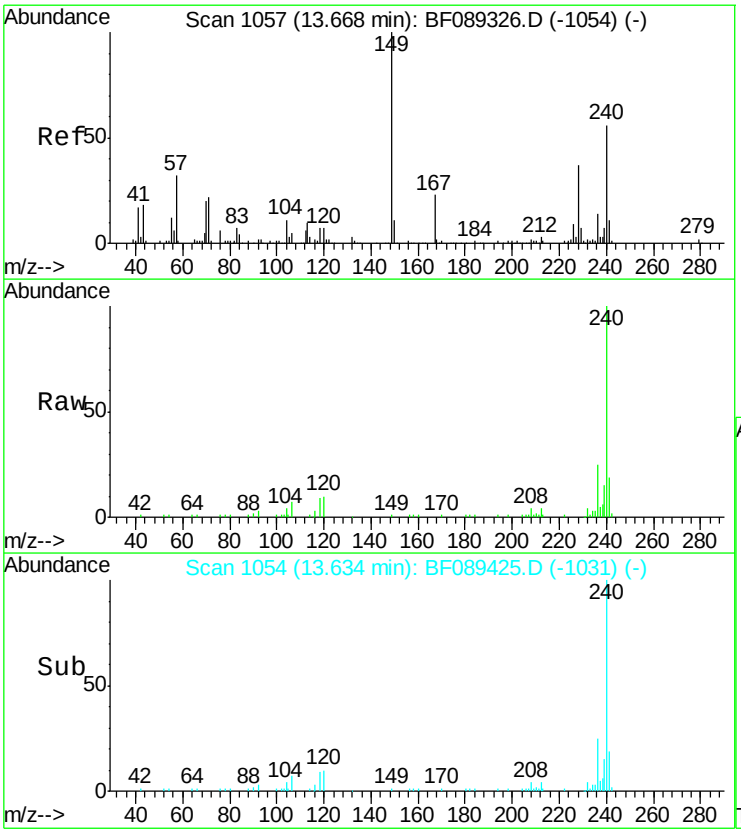
#66
4-Bromophenyl-phenylether
Concen: 2.67 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:248 Resp: 3342

Ion	Ratio	Lower	Upper
248	100		
250	193.9	78.2	117.2#
141	387.0	62.0	93.0#

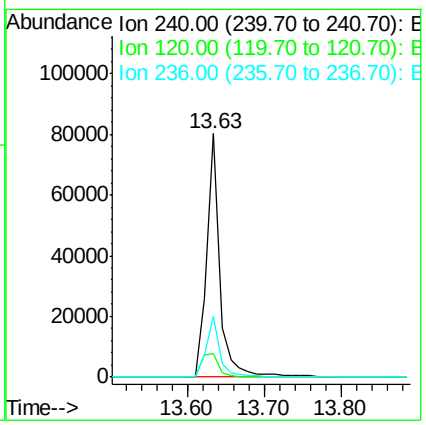


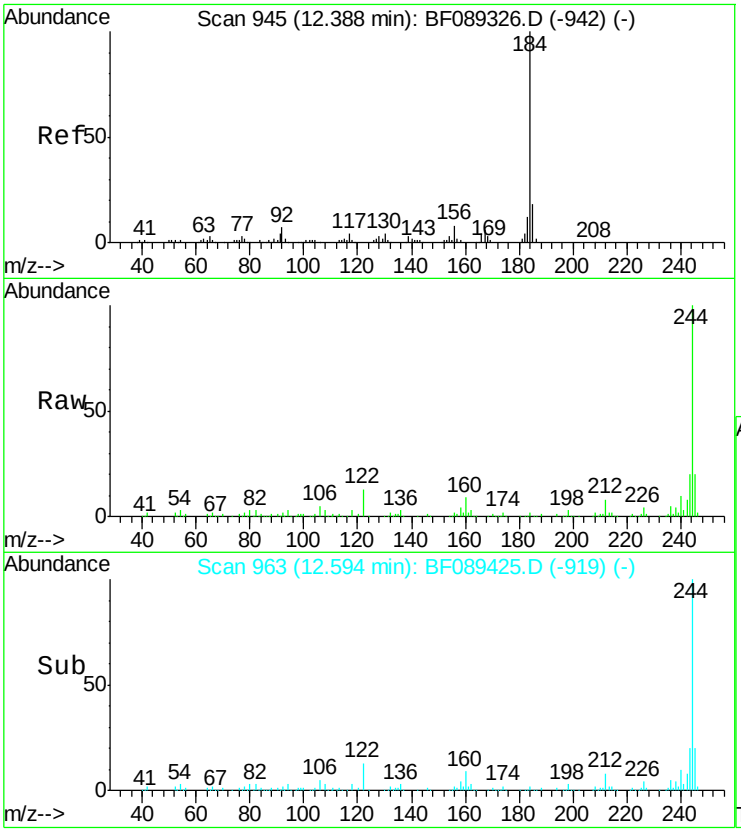


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:240 Resp: 94689

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.1	13.7
236	24.8	20.6	30.8



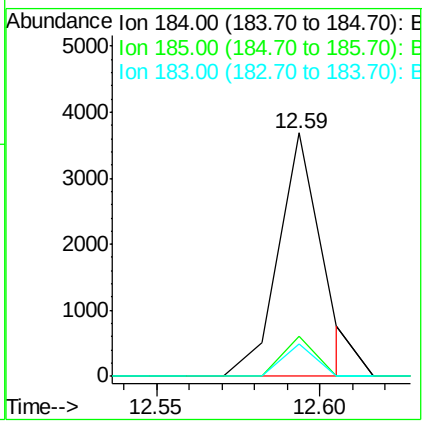


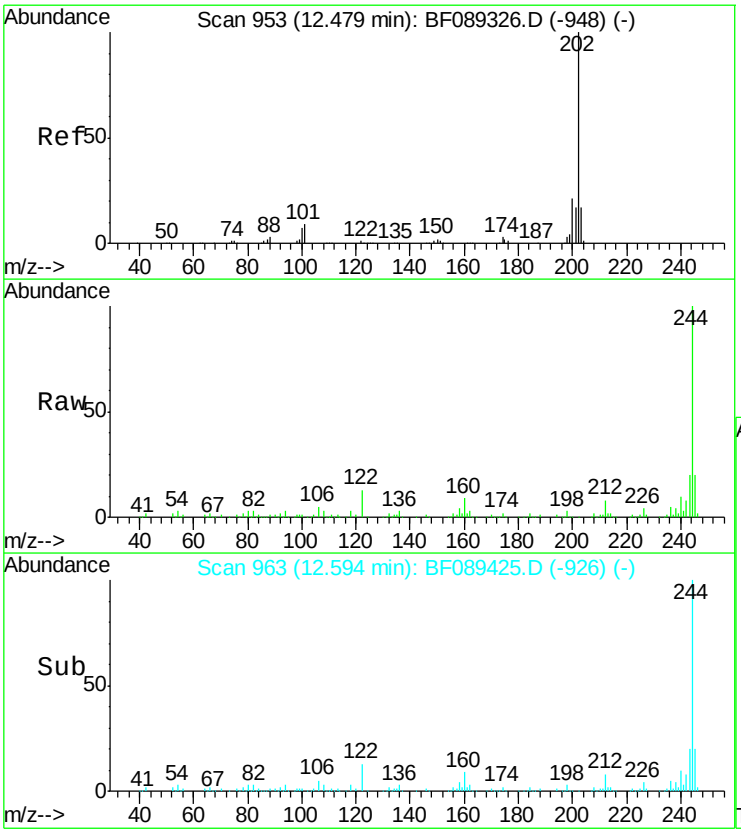
#76
Benzidine
Concen: 0.97 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.21 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:184 Resp: 3400

Ion	Ratio	Lower	Upper
184	100		
185	16.5	13.5	20.3
183	13.4	9.8	14.6

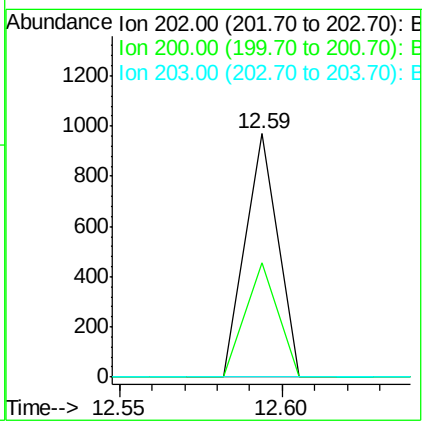


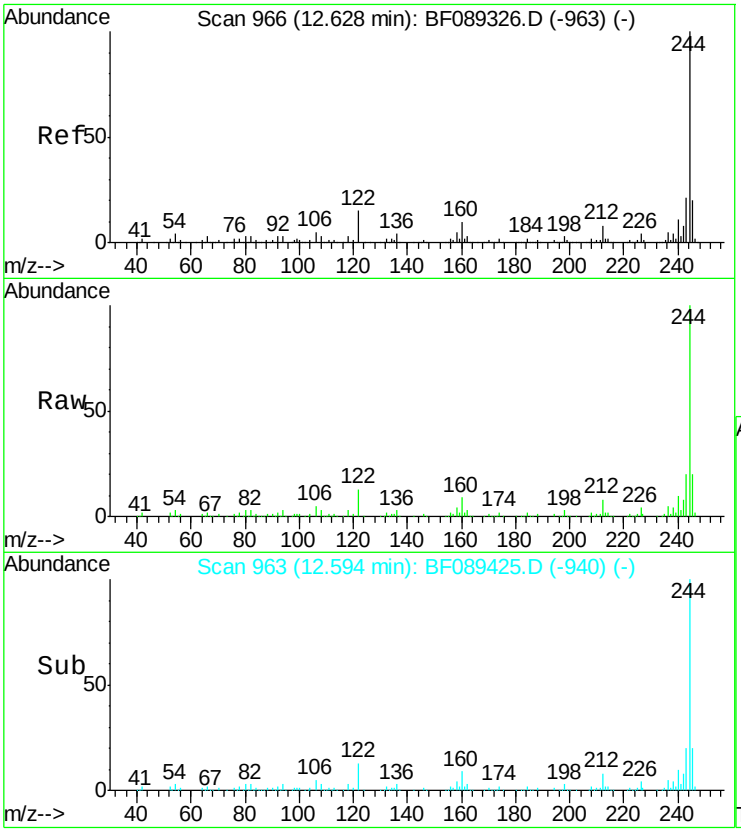


#77
Pyrene
Concen: 0.09 ng
RT: 12.59 min Scan# 963
Delta R.T. 0.13 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:202 Resp: 665

Ion	Ratio	Lower	Upper
202	100		
200	47.0	16.9	25.3#
203	0.0	14.0	21.0#



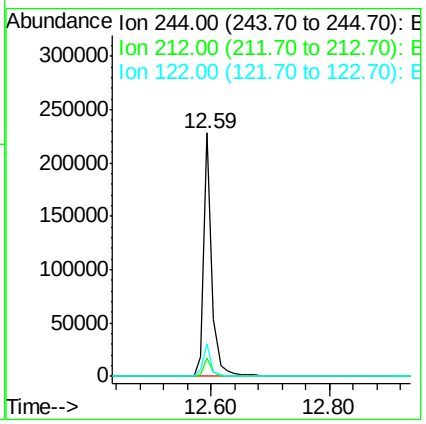


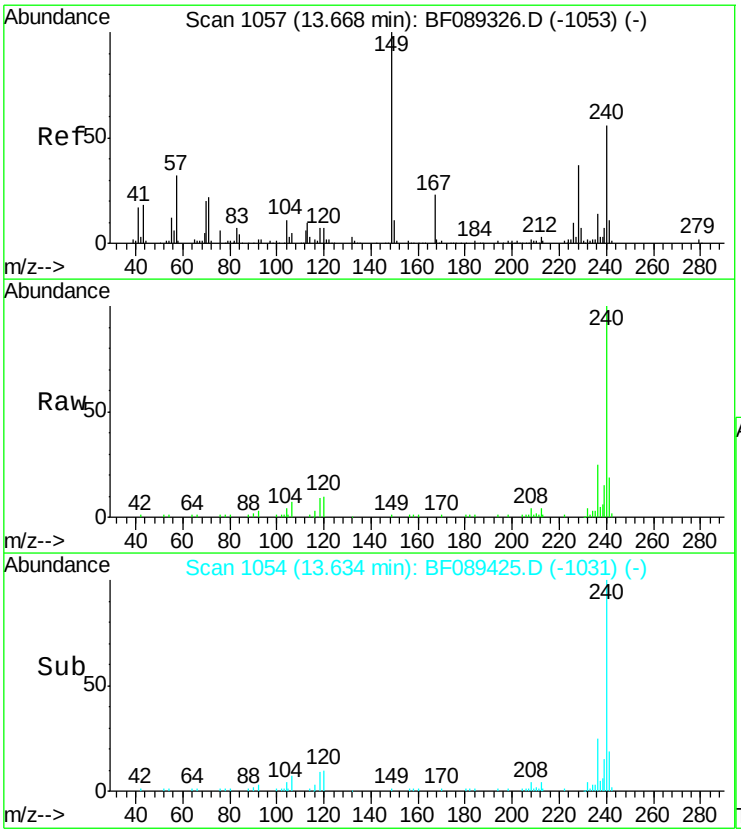
#78
Terphenyl-d14
Concen: 55.52 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:244 Resp: 224612

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	13.3	11.4	17.0

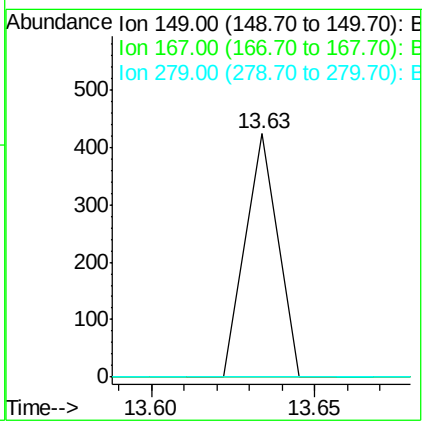


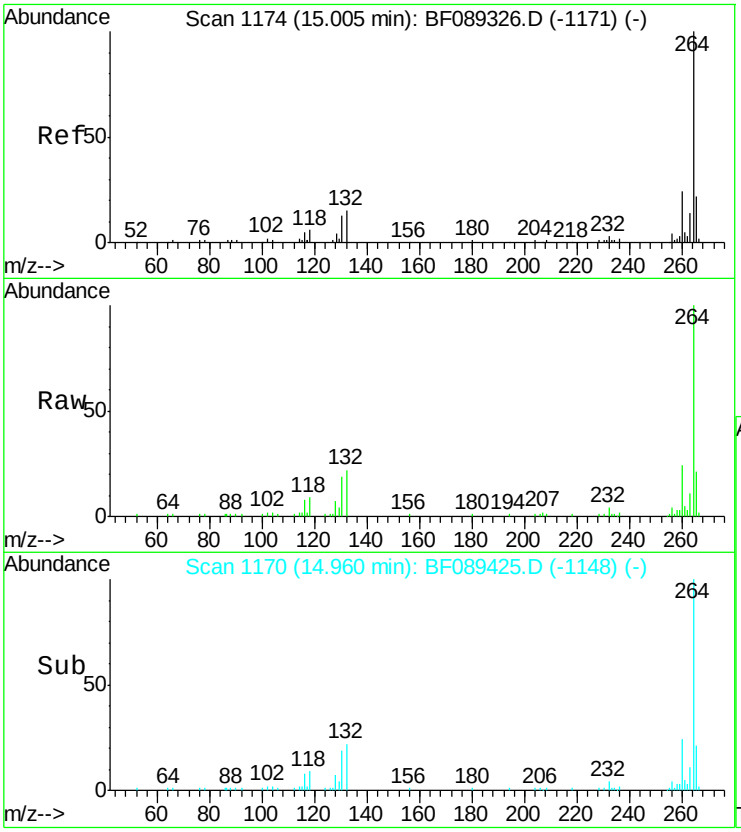


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.06 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Tgt Ion:149 Resp: 291

Ion	Ratio	Lower	Upper
149	100		
167	0.0	18.8	28.2#
279	0.0	1.4	2.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089425.D
Acq: 29 Jul 2016 23:10

Instrument :
BNA_F
ClientSampleId :
SB-49-7.0-8.0

Tgt Ion:264 Resp: 94580

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.0	17.5	26.3