Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
Data File : BF089333.D
Acq On : 27 Jul 2016 17:22
Operator : UM/SJ
Sample : PB92421BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92421BL

Quant Time: Jul 28 01:00:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41457	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	186718	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	85492	20.00	ng		0.00
63) Phenanthrene-d10	11.04	188	178338	20.00	ng		-0.01
75) Chrysene-d12	13.67	240	140843	20.00	ng		0.00
86) Perylene-d12	15.01	264	118015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	378854	145.92	ng		0.02
7) Phenol-d6	6.20	99	519384	151.37	ng		0.00
23) Nitrobenzene-d5	7.12	82	304337	96.21	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	105926	149.60	ng		0.00
44) 2-Fluorobiphenyl	8.91	172	566937	97.32	ng		0.00
78) Terphenyl-d14	12.63	244	508516	84.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.69	88	38202	31.75	ng	#	26
6) Aniline	6.31	93	313	0.08	ng	#	1
9) Benzaldehyde	6.31	77	8238	4.92	ng		80
10) Phenol	6.31	94	480	0.13	ng	#	1
11) bis(2-Chloroethyl)ether	6.31	93	313	0.10	ng	#	1
15) Benzyl Alcohol	6.70	79	4800	2.25	ng	#	49
19) n-Nitroso-di-n-propylamine	7.12	70	39897	19.28	ng	#	77
24) Nitrobenzene	7.12	77	732	0.20	ng	#	38
45) 1,1'-Biphenyl	8.90	154	922	0.13	ng	#	1
47) 2-Nitroaniline	8.90	65	741	0.46	ng	#	1
50) 2,6-Dinitrotoluene	9.56	165	10184	7.62	ng	#	24
56) 2,4-Dinitrotoluene	9.56	165	10184	5.79	ng	#	7
57) Fluorene	10.35	166	4877	0.82	ng	#	91
62) Azobenzene	10.35	77	390	0.06	ng	#	1
65) n-Nitrosodiphenylamine	10.35	169	3875	0.70	ng	#	43
66) 4-Bromophenyl-phenylether	10.36	248	7284	4.28	ng	#	1
76) Benzidine	12.63	184	7745	1.49	ng		98
77) Pyrene	12.63	202	1924	0.18	ng	#	66

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072716\
Data File : BF089333.D
Acq On : 27 Jul 2016 17:22
Operator : UM/SJ
Sample : PB92421BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
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PB92421BL

Quant Time: Jul 28 01:00:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 17:12:17 2016
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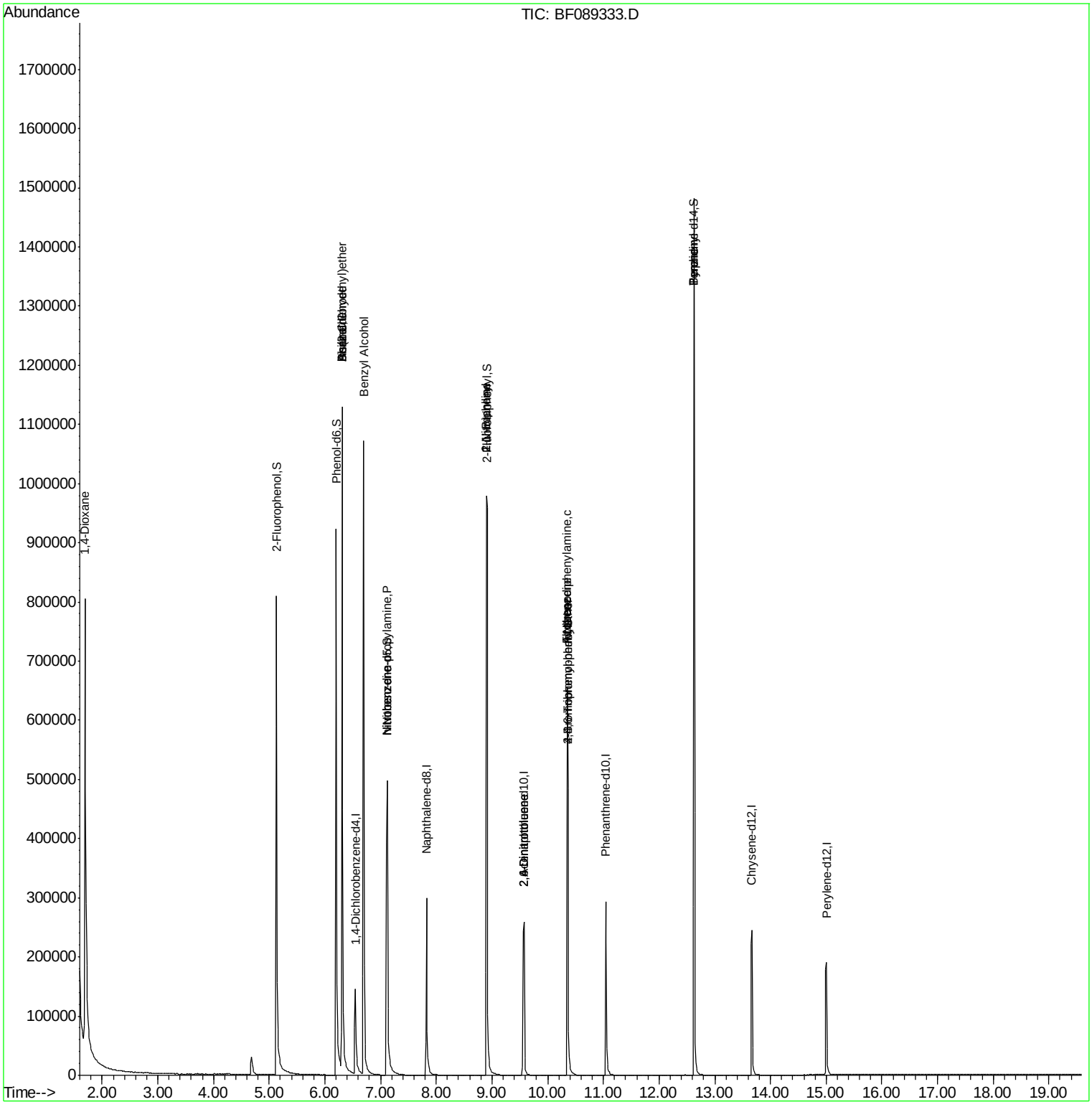
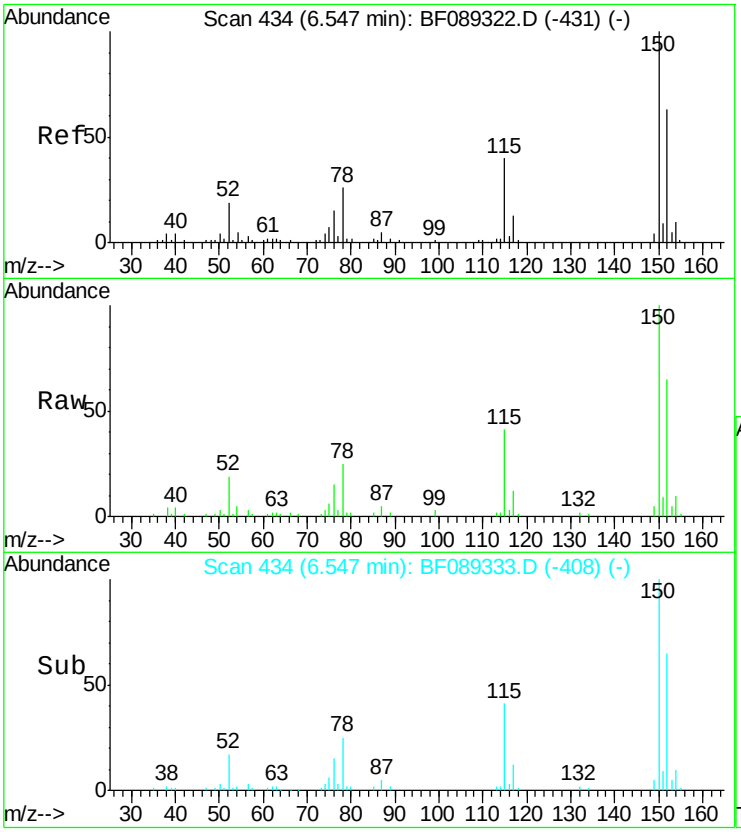


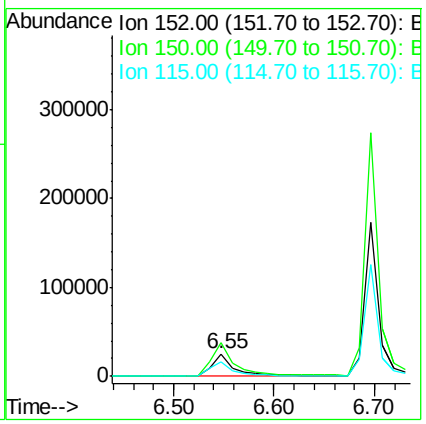


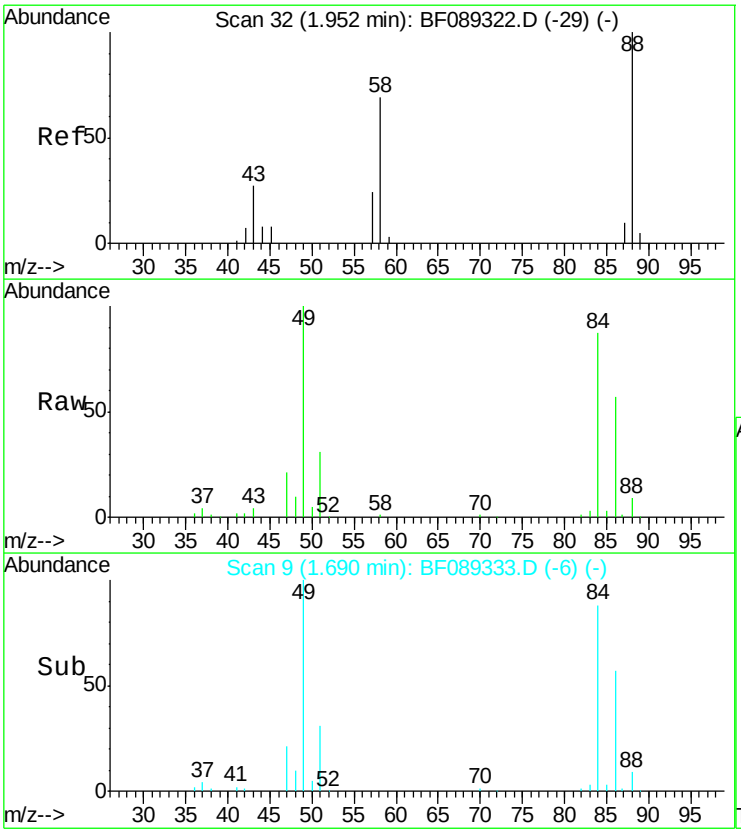
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:152 Resp: 41457

Ion	Ratio	Lower	Upper
152	100		
150	154.2	129.5	194.3
115	62.9	51.4	77.2

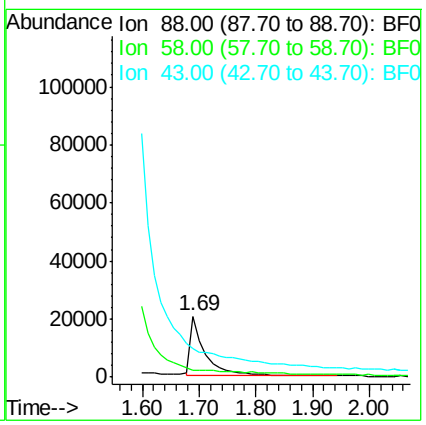


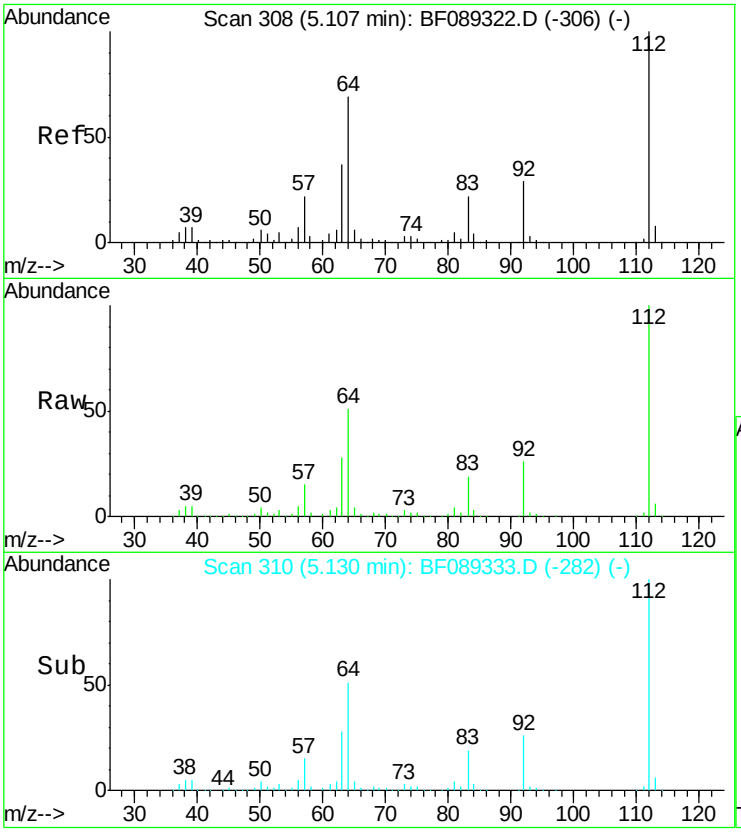


#2
1,4-Dioxane
Concen: 31.75 ng
RT: 1.69 min Scan# 9
Delta R.T. -0.26 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 88 Resp: 38202

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



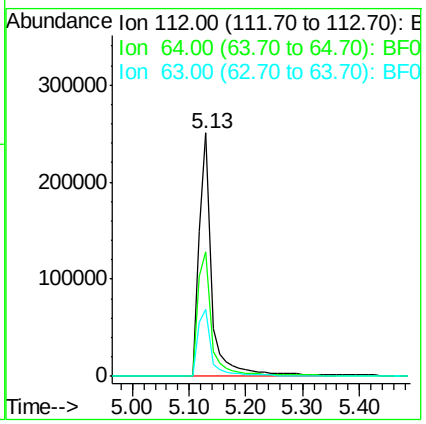


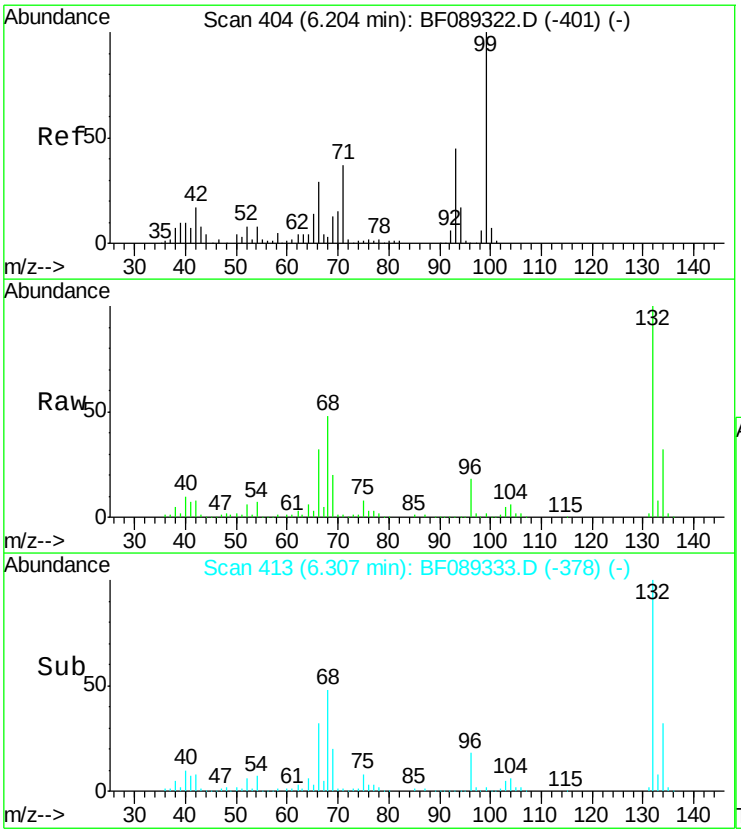
#5
2-Fluorophenol
Concen: 145.92 ng
RT: 5.13 min Scan# 310
Delta R.T. 0.02 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:112 Resp: 378854

Ion	Ratio	Lower	Upper
112	100		
64	51.0	55.0	82.6#
63	27.6	29.4	44.2#

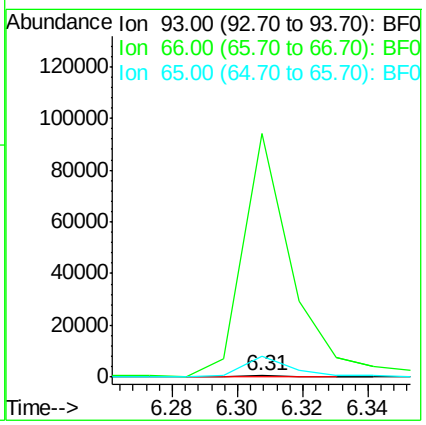


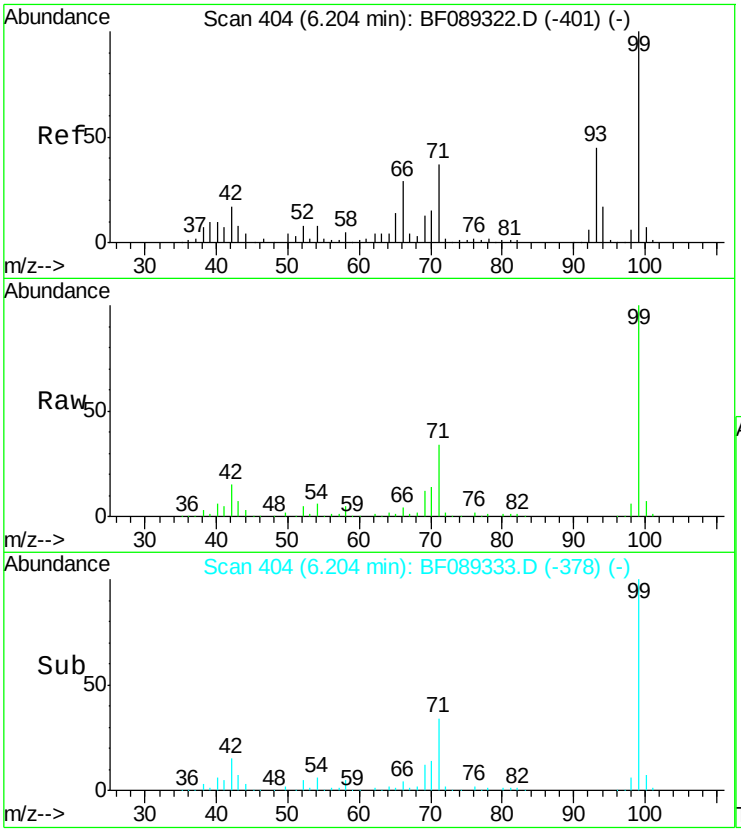


#6
Aniline
Concen: 0.08 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.10 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 93 Resp: 313

Ion	Ratio	Lower	Upper
93	100		
66	20588.2	51.6	77.4#
65	1727.4	24.7	37.1#



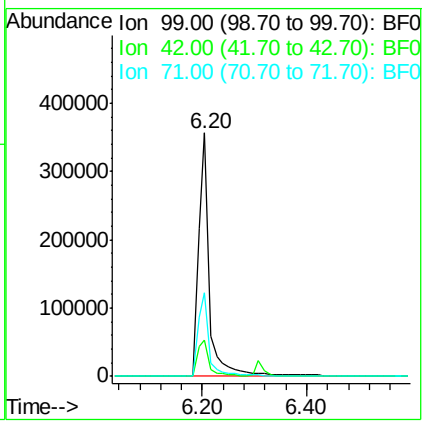


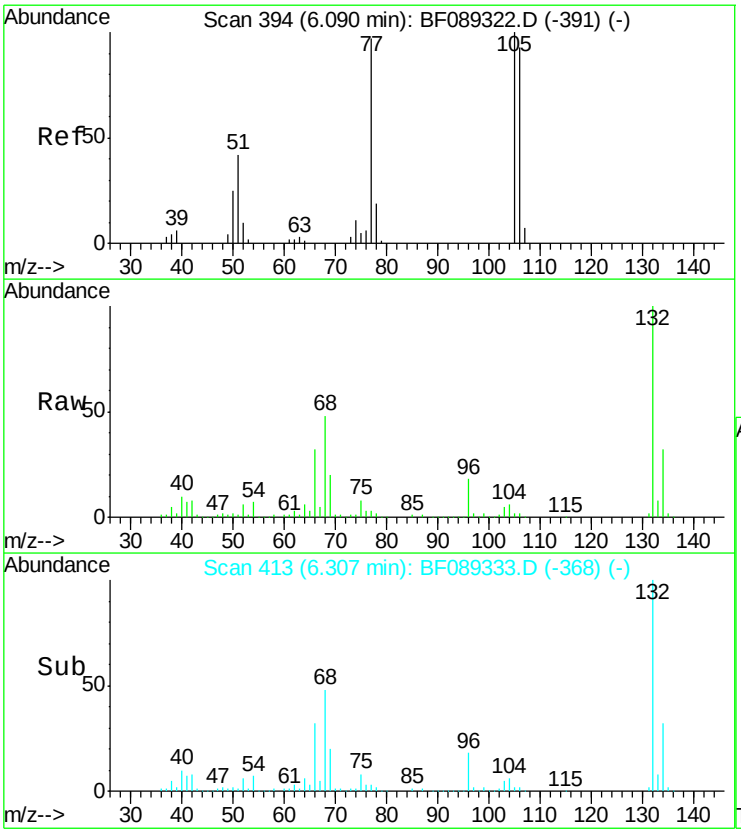
#7
Phenol-d6
Concen: 151.37 ng
RT: 6.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion: 99 Resp: 519384

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.6	20.4
71	34.4	29.4	44.2

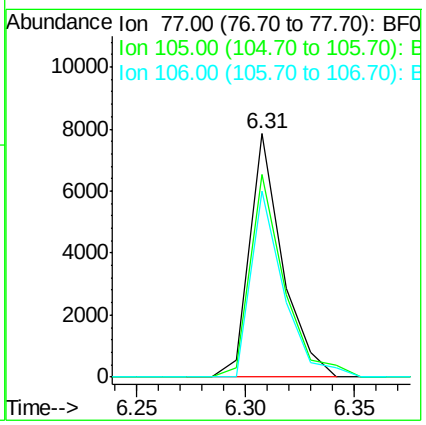


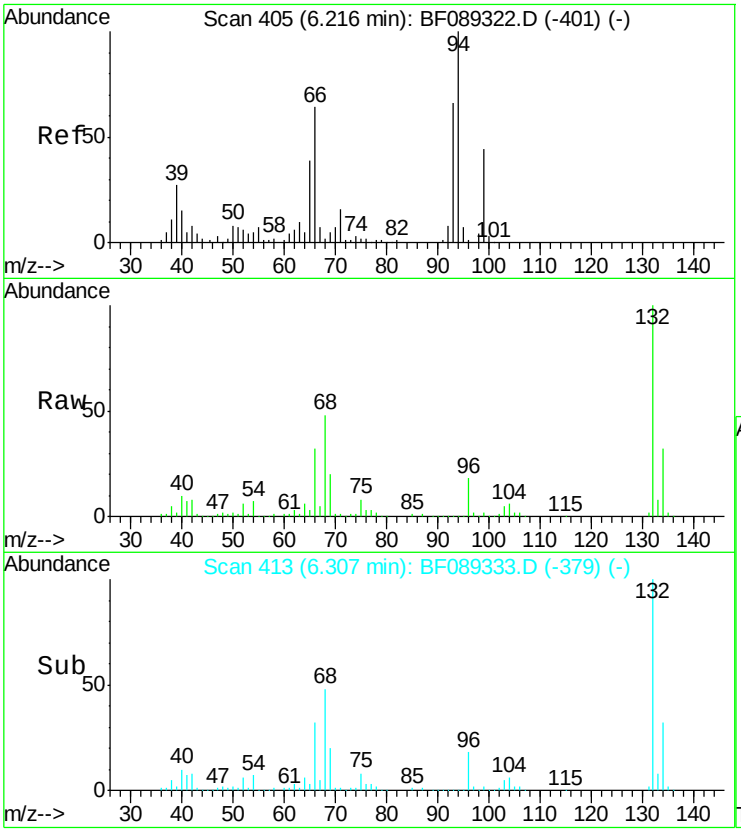


#9
Benzaldehyde
Concen: 4.92 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.22 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 77 Resp: 8238

Ion	Ratio	Lower	Upper
77	100		
105	83.3	82.9	122.9
106	76.3	75.9	115.9



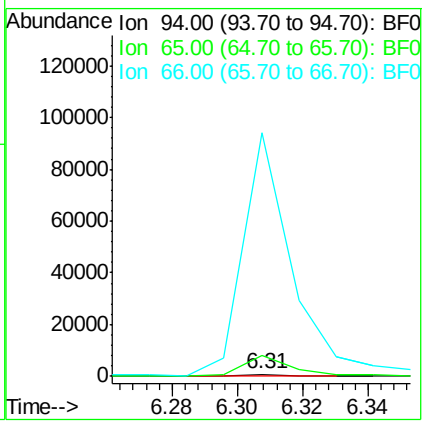


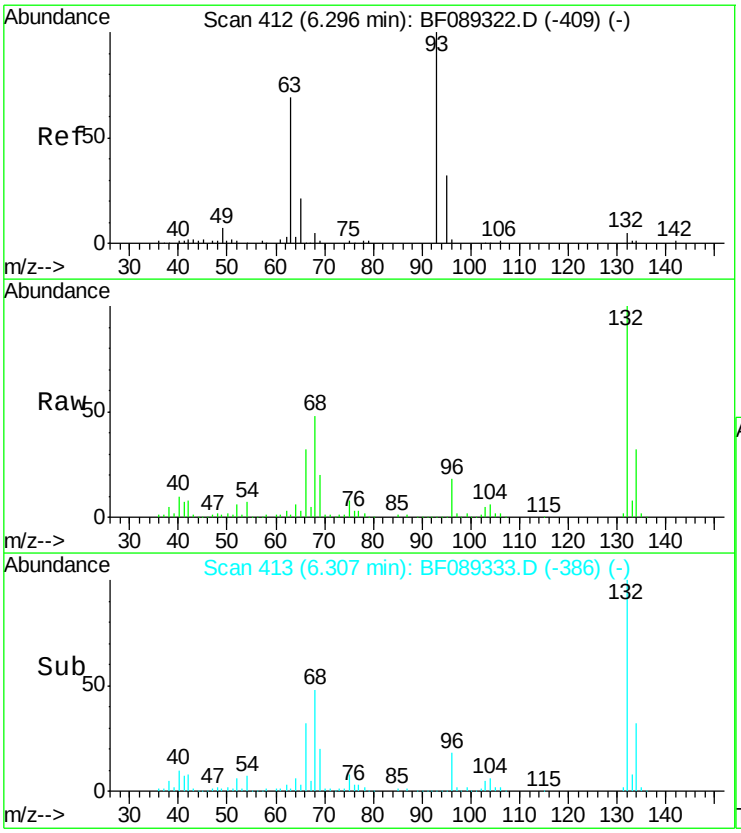
#10
Phenol
Concen: 0.13 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.09 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion: 94 Resp: 480

Ion	Ratio	Lower	Upper
94	100		
65	1127.7	19.1	59.1#
66	13441.1	44.4	84.4#

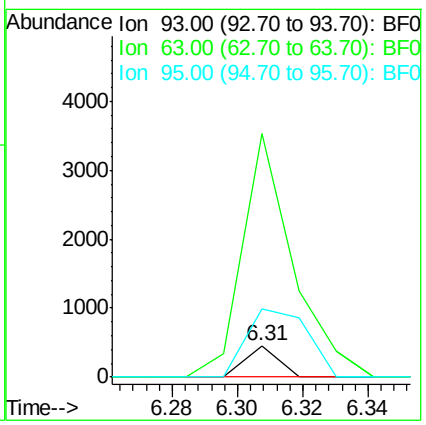


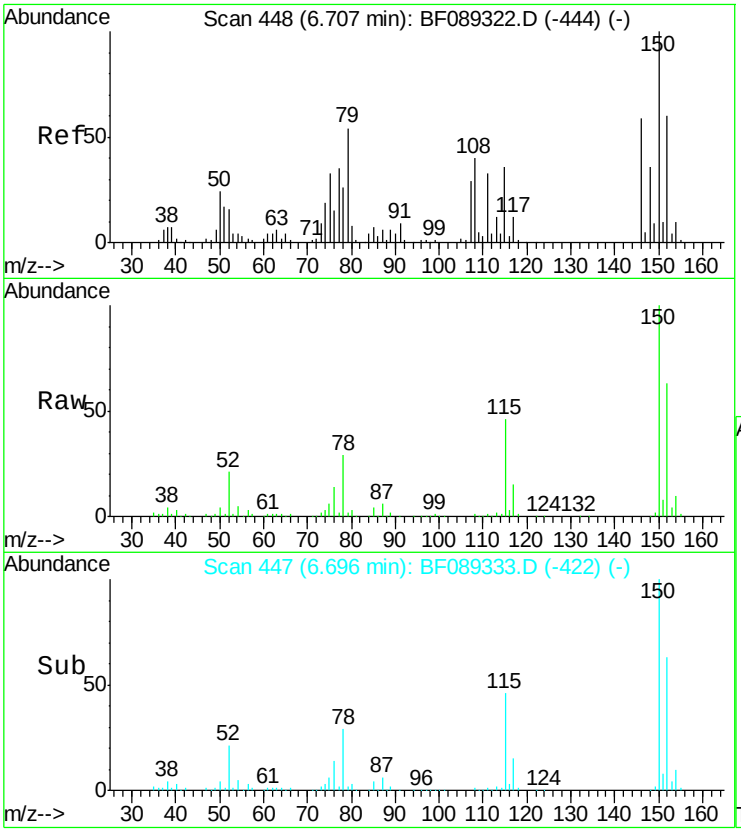


#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 93 Resp: 313

Ion	Ratio	Lower	Upper
93	100		
63	772.9	45.6	85.6#
95	215.1	11.1	51.1#



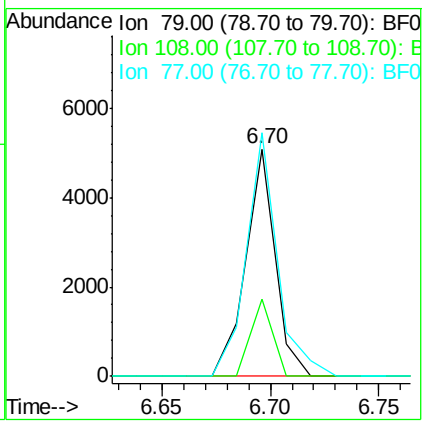


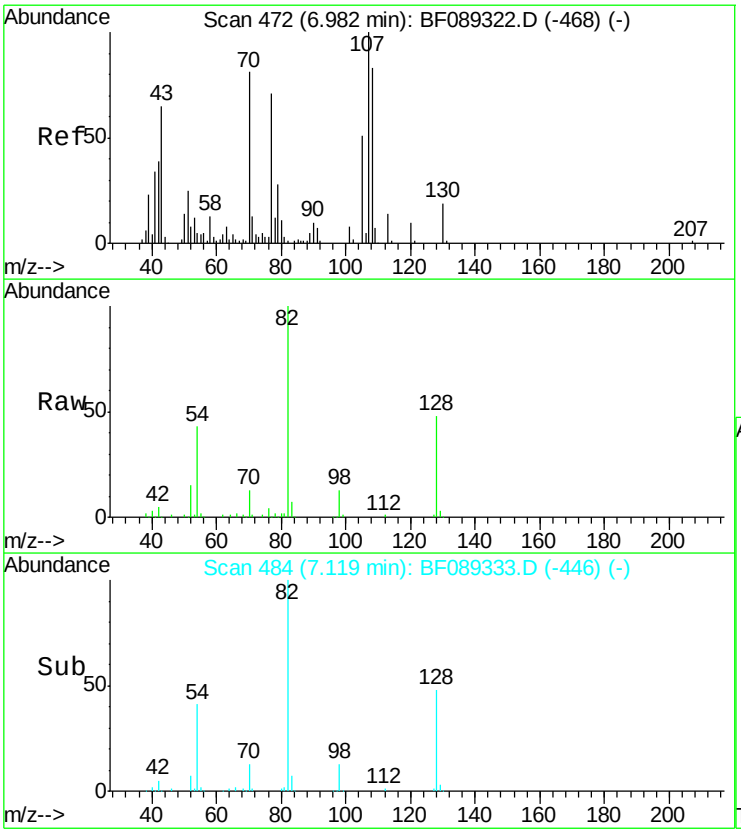
#15
Benzyl Alcohol
Concen: 2.25 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.01 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion: 79 Resp: 4800

Ion	Ratio	Lower	Upper
79	100		
108	33.8	59.8	89.6#
77	107.1	51.7	77.5#

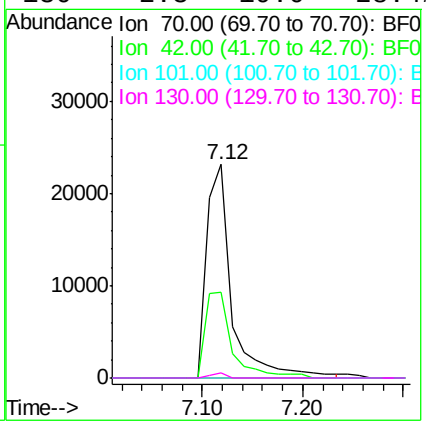


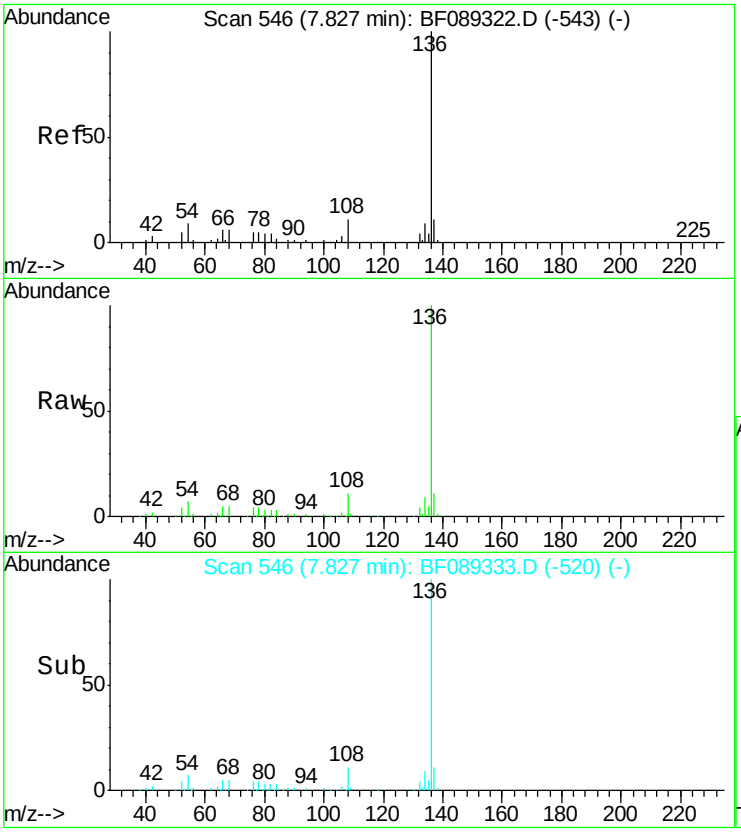


#19
n-Nitroso-di-n-propylamine
Concen: 19.28 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.14 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 70 Resp: 39897

Ion	Ratio	Lower	Upper
70	100		
42	40.0	38.6	57.8
101	0.0	8.3	12.5#
130	2.3	19.0	28.4#



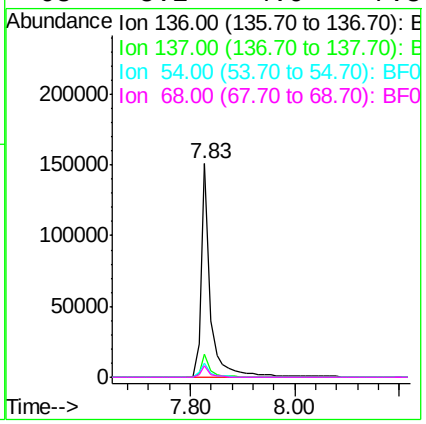


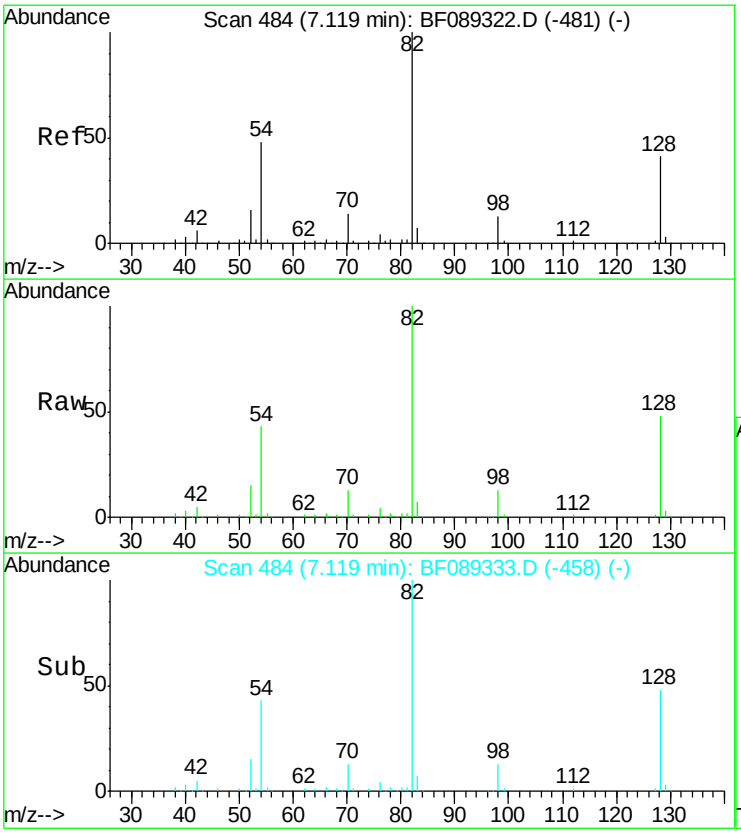
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:136 Resp: 186718

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.9	7.0	10.4#
68	5.2	4.9	7.3

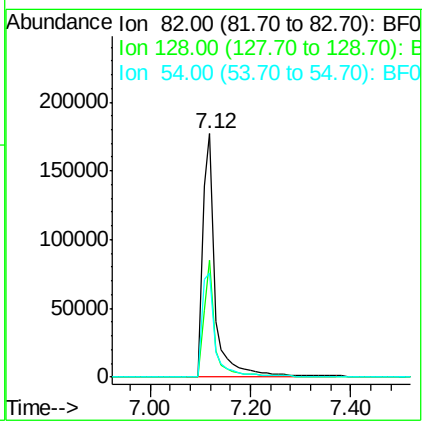


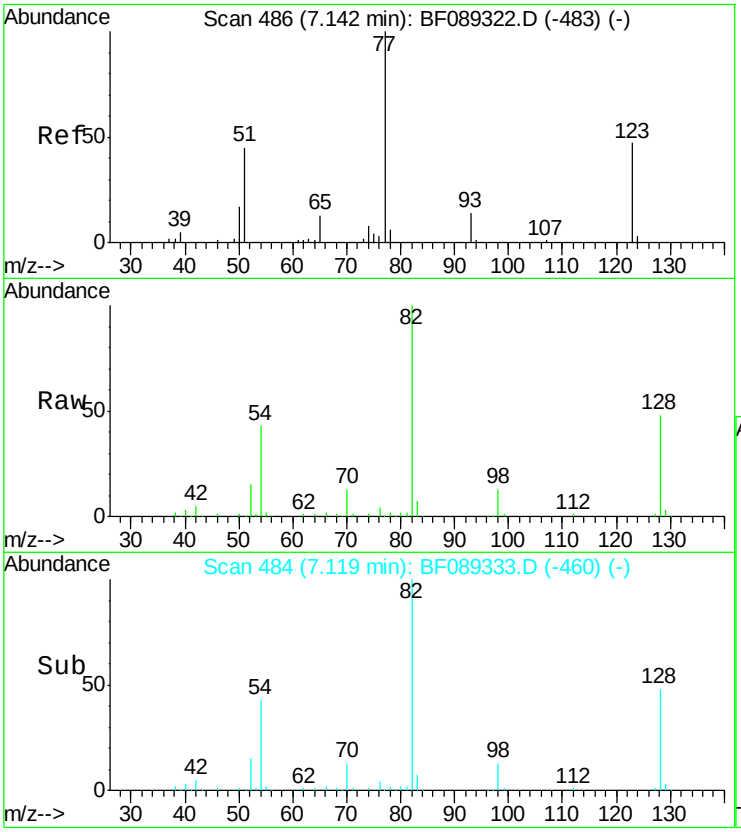


#23
Nitrobenzene-d5
Concen: 96.21 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 82 Resp: 304337

Ion	Ratio	Lower	Upper
82	100		
128	48.2	32.5	48.7
54	43.0	38.8	58.2



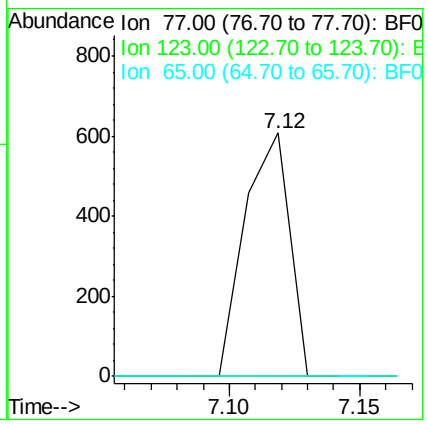


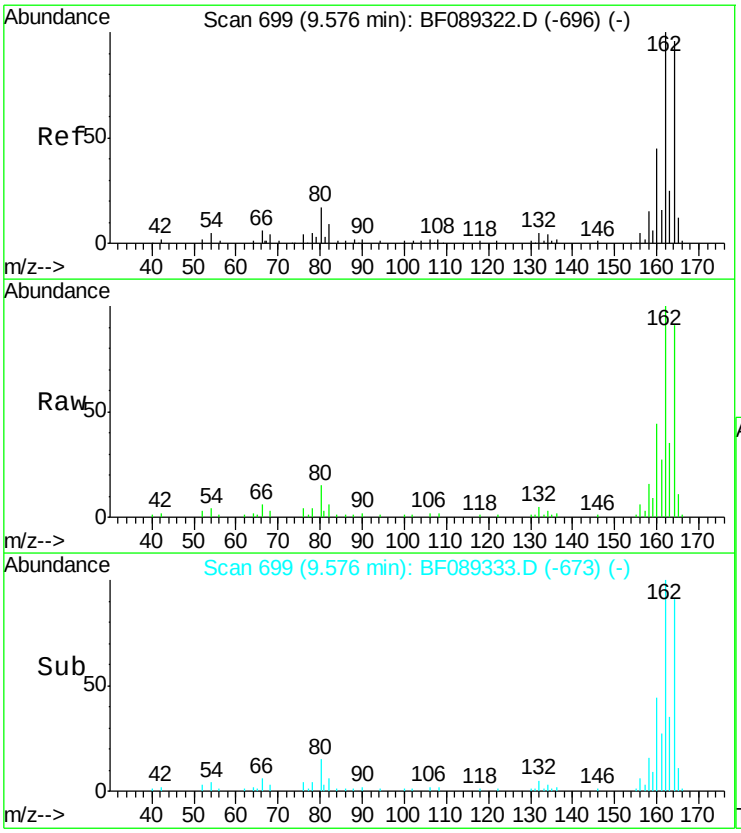
#24
Nitrobenzene
Concen: 0.20 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion: 77 Resp: 732

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

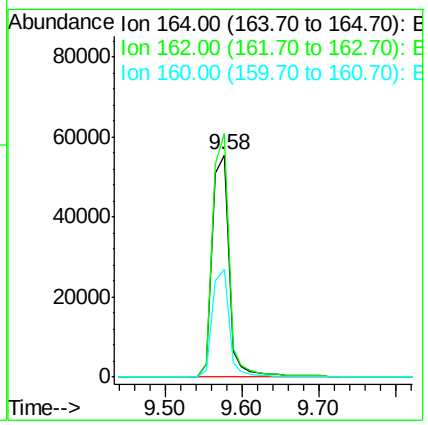


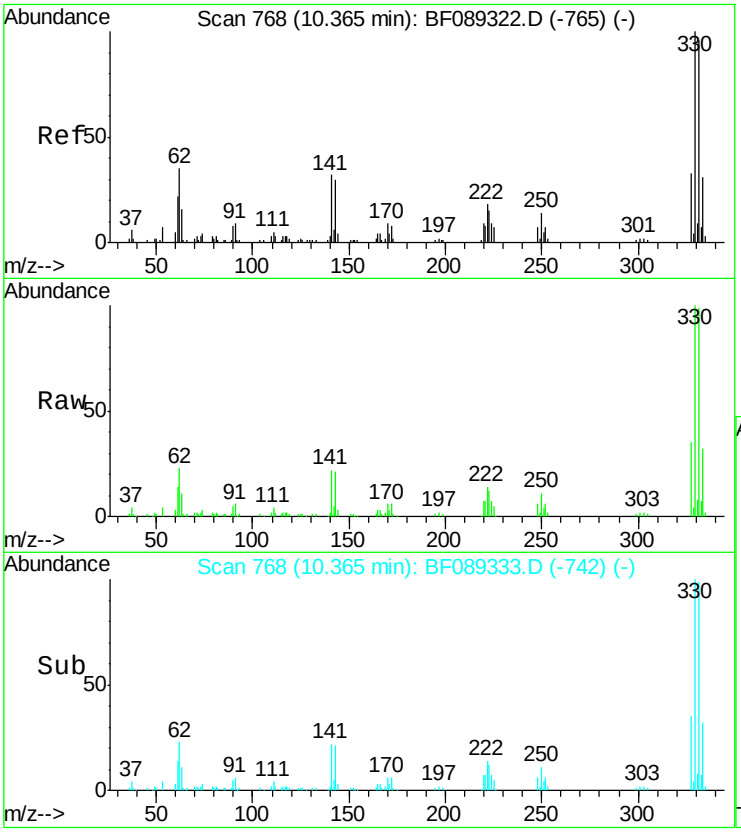


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:164 Resp: 85492

Ion	Ratio	Lower	Upper
164	100		
162	109.7	83.7	125.5
160	48.5	37.8	56.6



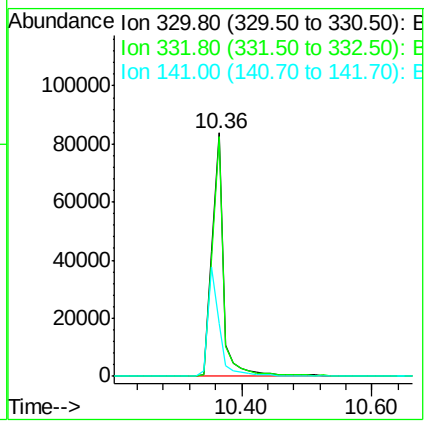


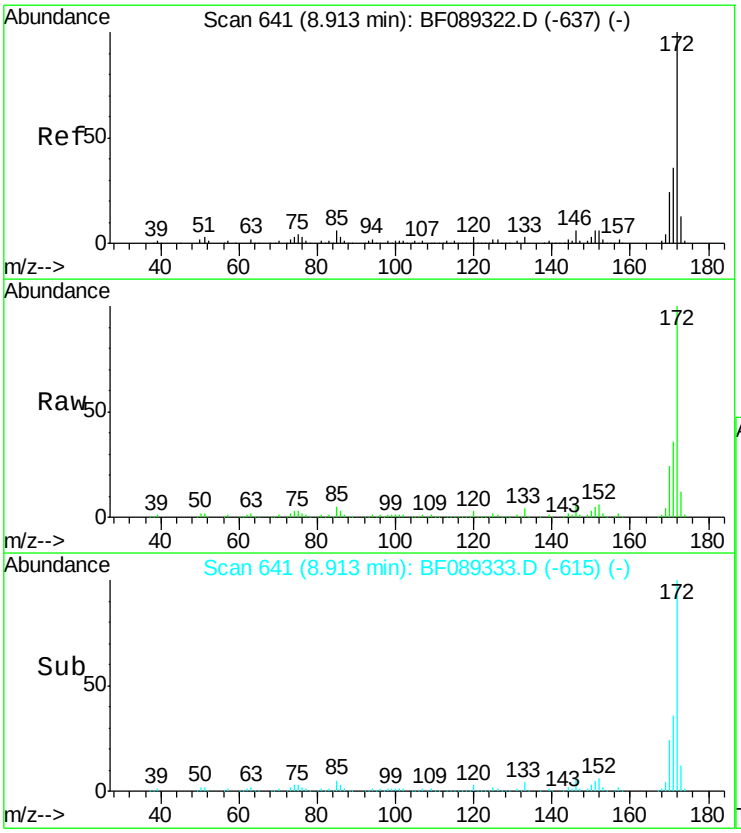
#41
2,4,6-Tribromophenol
Concen: 149.60 ng
RT: 10.36 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:330 Resp: 105926

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	43.9	37.3	55.9

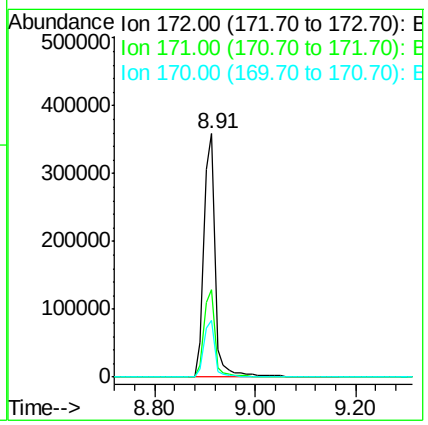


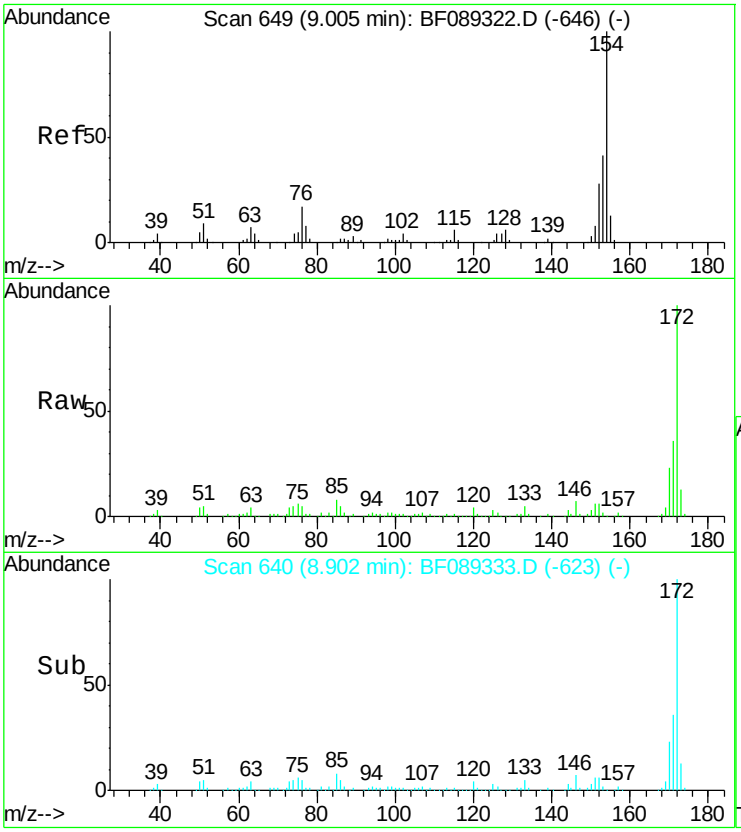


#44
2-Fluorobiphenyl
Concen: 97.32 ng
RT: 8.91 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:172 Resp: 566937

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.5	19.2	28.8



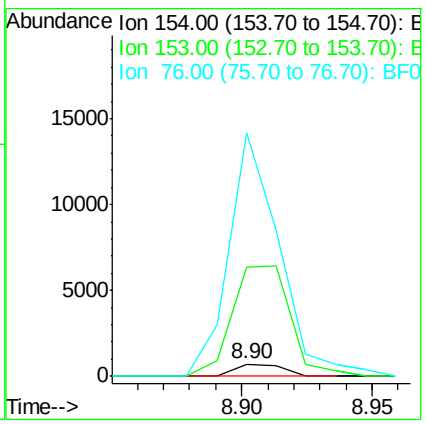


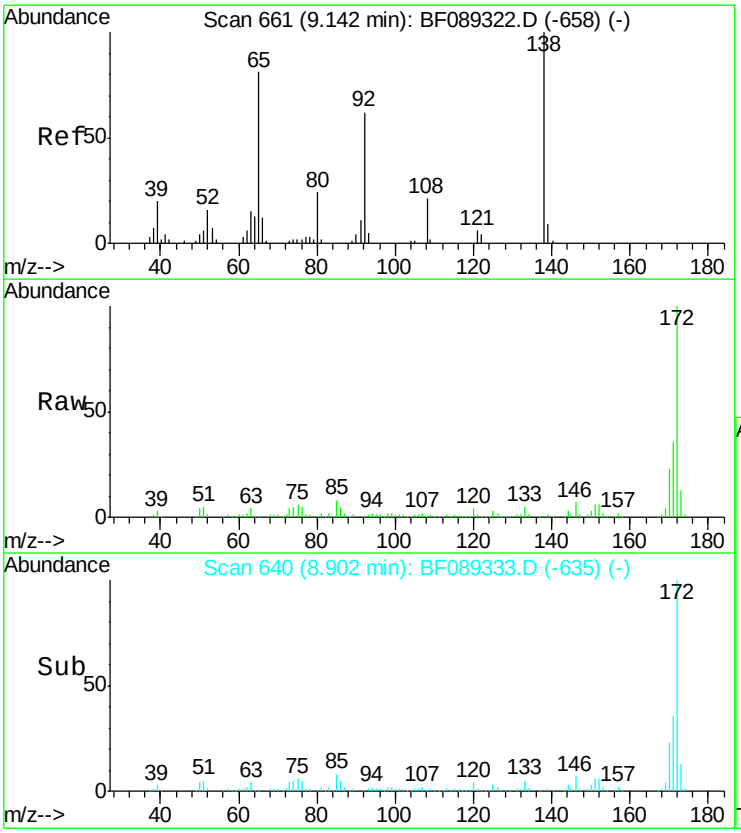
#45
1,1'-Biphenyl
Concen: 0.13 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.10 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:154 Resp: 922

Ion	Ratio	Lower	Upper
154	100		
153	874.3	21.0	61.0#
76	1955.3	0.0	36.6#

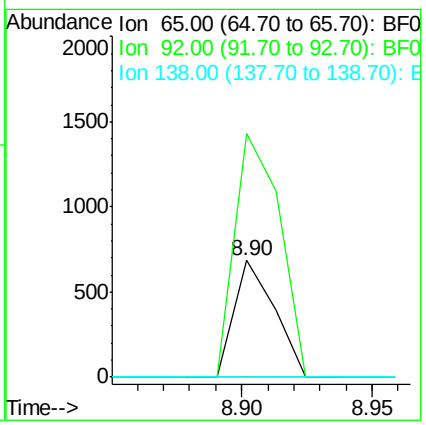


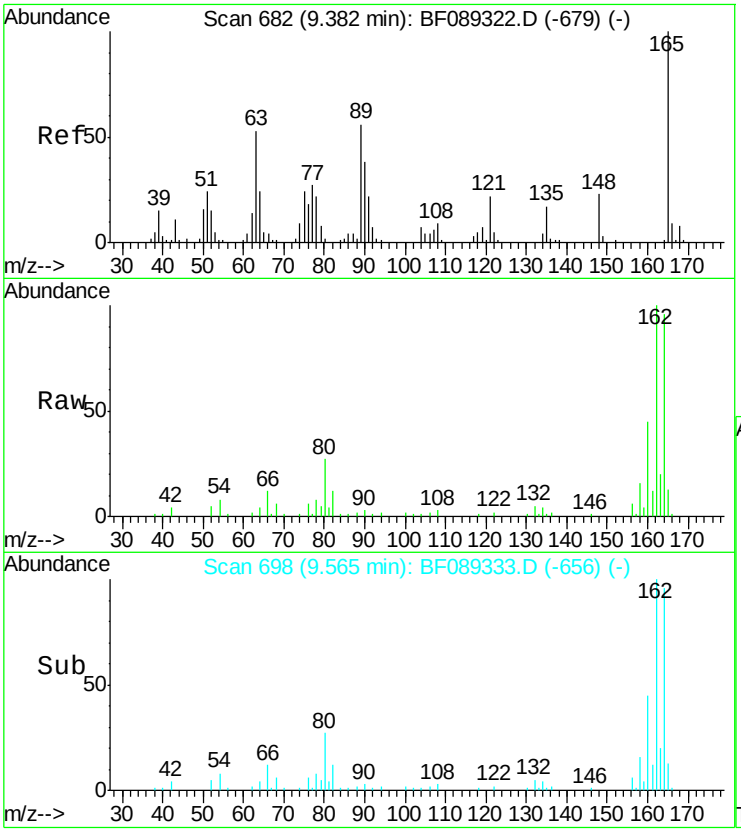


#47
2-Nitroaniline
Concen: 0.46 ng
RT: 8.90 min Scan# 640
Delta R.T. -0.24 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 65 Resp: 741

Ion	Ratio	Lower	Upper
65	100		
92	208.9	61.0	91.4#
138	0.0	99.1	148.7#



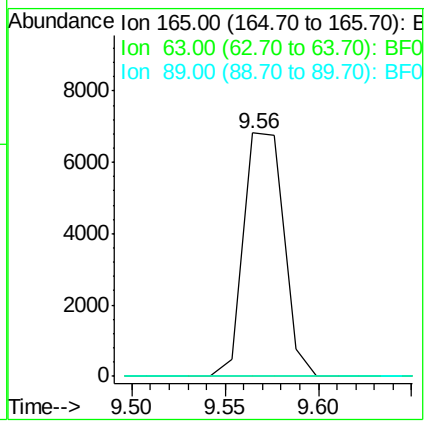


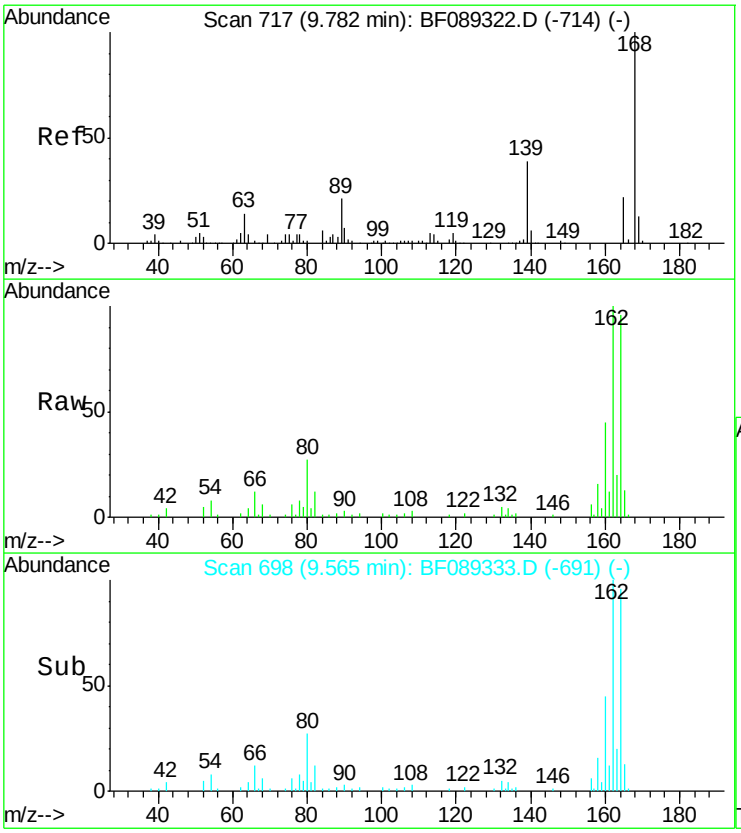
#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.18 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:165 Resp: 10184

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

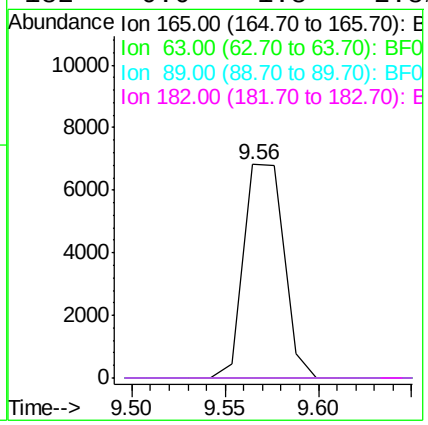


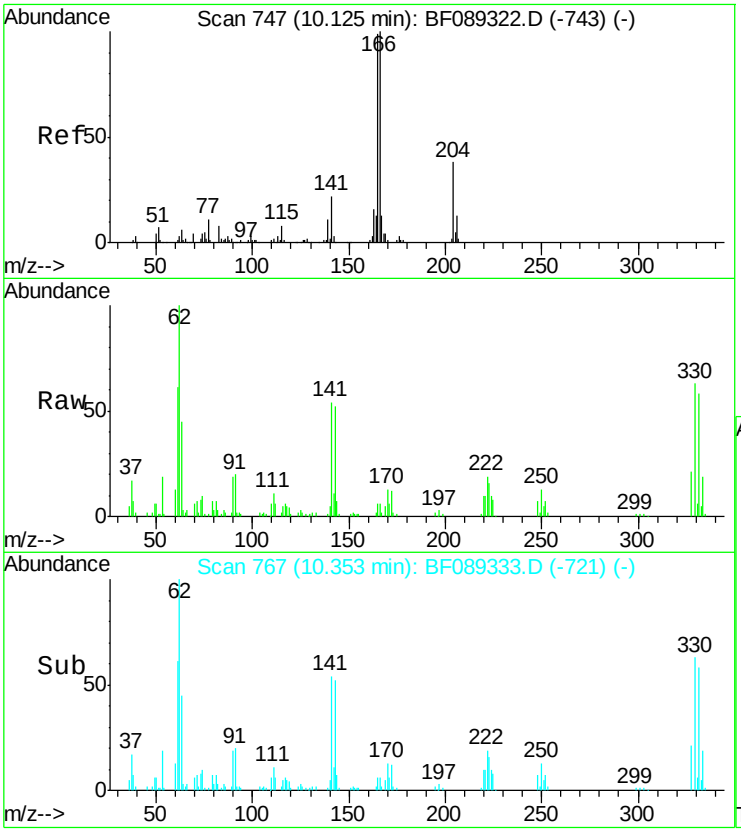


#56
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.22 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:165 Resp: 10184

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#



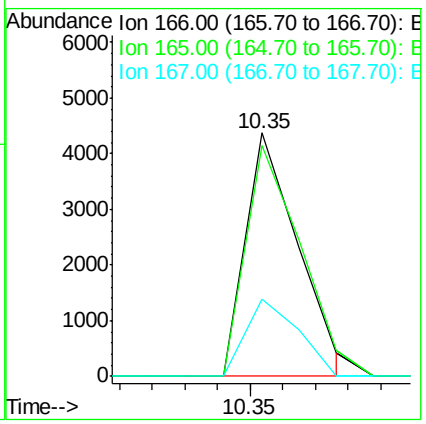


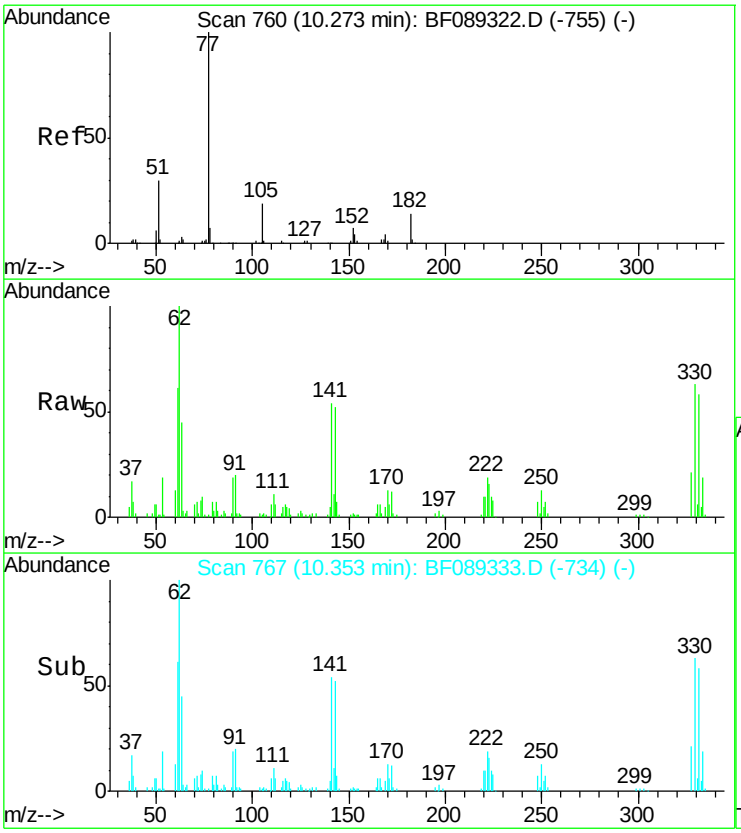
#57
Fluorene
Concen: 0.82 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.23 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:166 Resp: 4877

Ion	Ratio	Lower	Upper
166	100		
165	94.6	79.0	118.4
167	31.6	10.2	15.2#

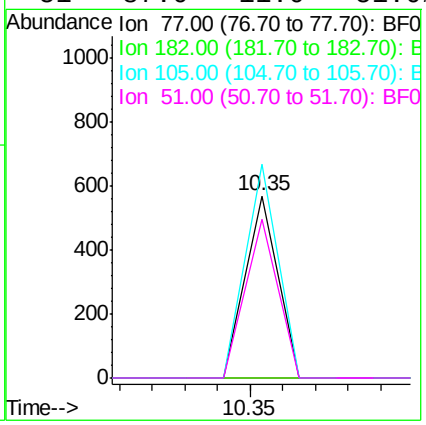


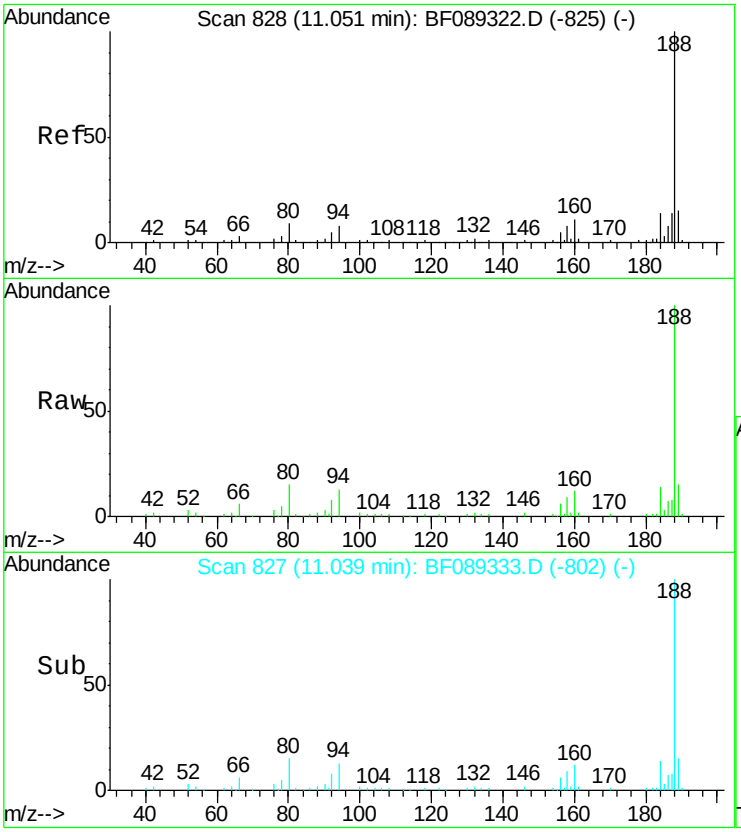


#62
Azobenzene
Concen: 0.06 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.08 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion: 77 Resp: 390

Ion	Ratio	Lower	Upper
77	100		
182	0.0	0.0	33.8
105	117.3	0.0	39.8#
51	87.0	11.0	51.0#



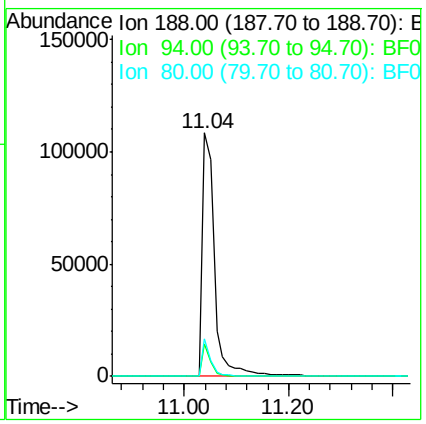


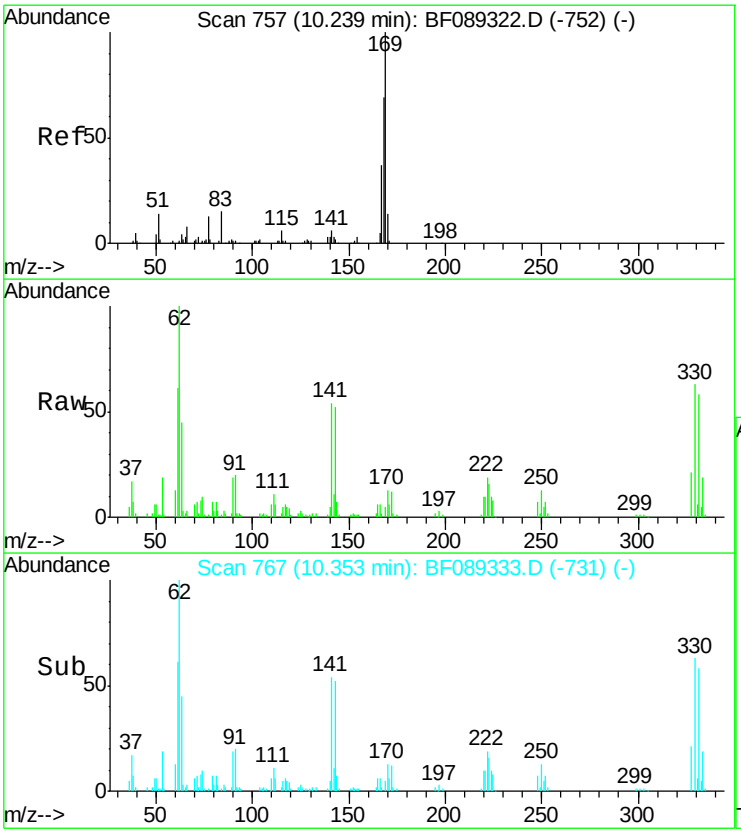
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.04 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:188 Resp: 178338

Ion	Ratio	Lower	Upper
188	100		
94	13.4	6.5	9.7#
80	15.3	7.2	10.8#

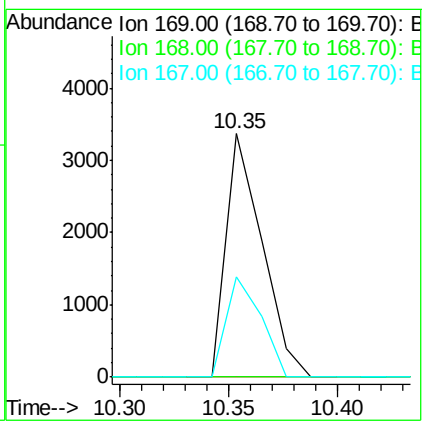


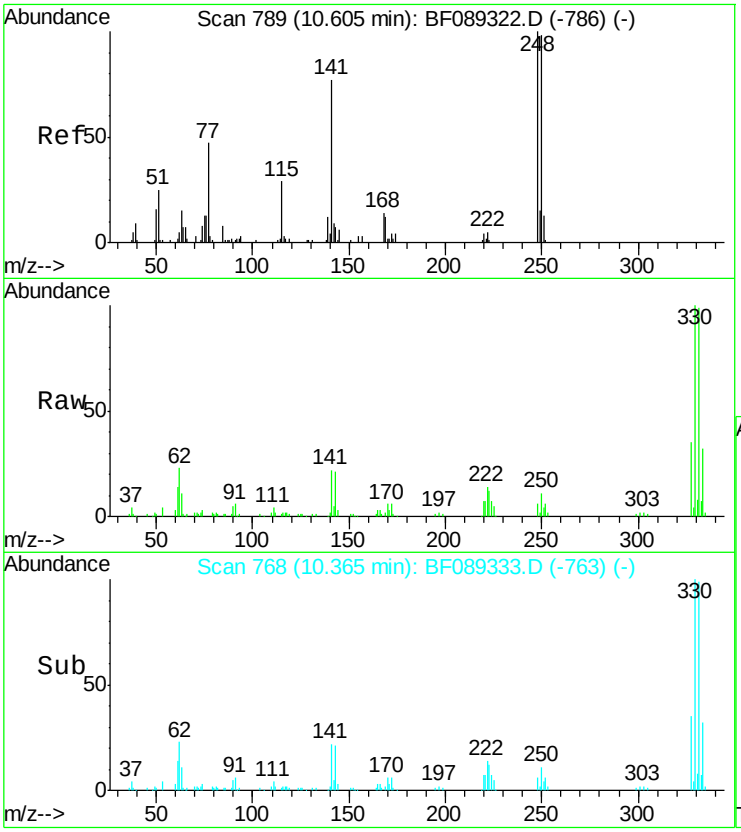


#65
n-Nitrosodiphenylamine
Concen: 0.70 ng
RT: 10.35 min Scan# 767
Delta R.T. 0.11 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:169 Resp: 3875

Ion	Ratio	Lower	Upper
169	100		
168	0.0	55.4	83.0#
167	40.9	29.7	44.5



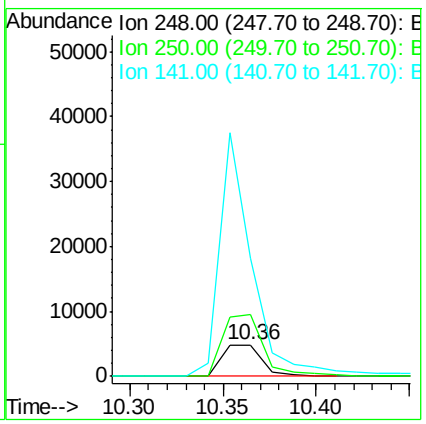


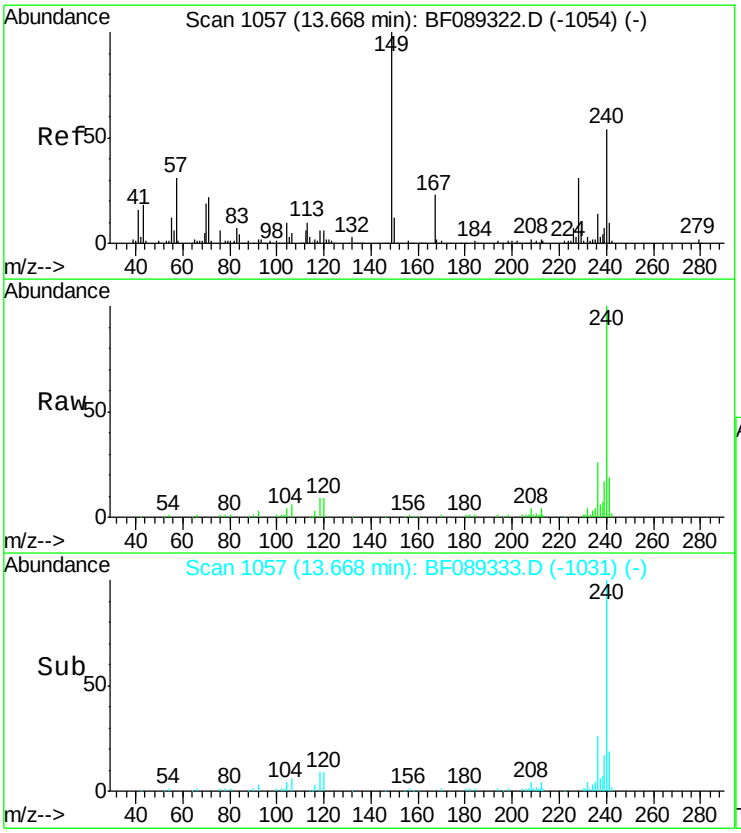
#66
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.24 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:248 Resp: 7284

Ion	Ratio	Lower	Upper
248	100		
250	196.3	78.2	117.2#
141	377.0	62.0	93.0#

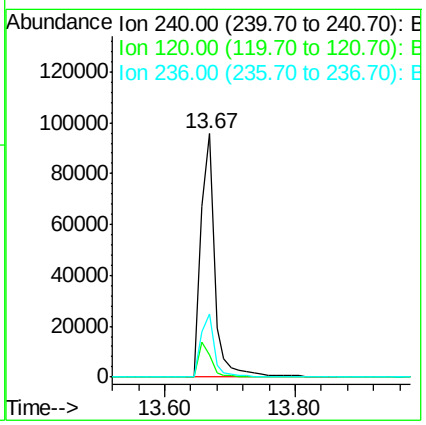


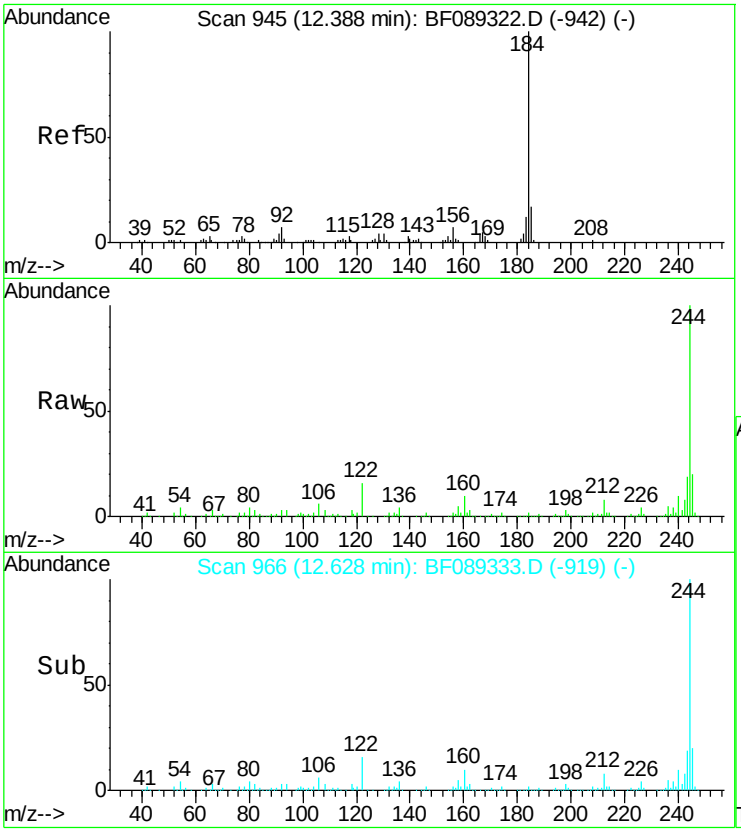


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.67 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:240 Resp: 140843

Ion	Ratio	Lower	Upper
240	100		
120	9.0	9.1	13.7#
236	25.9	20.6	30.8



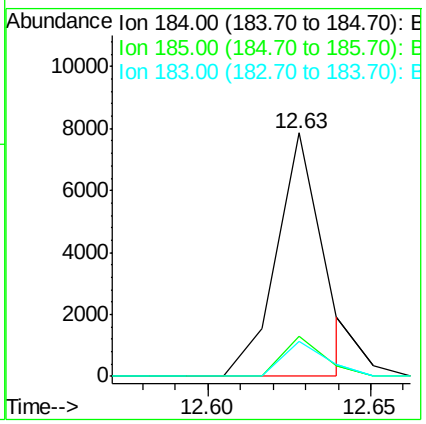


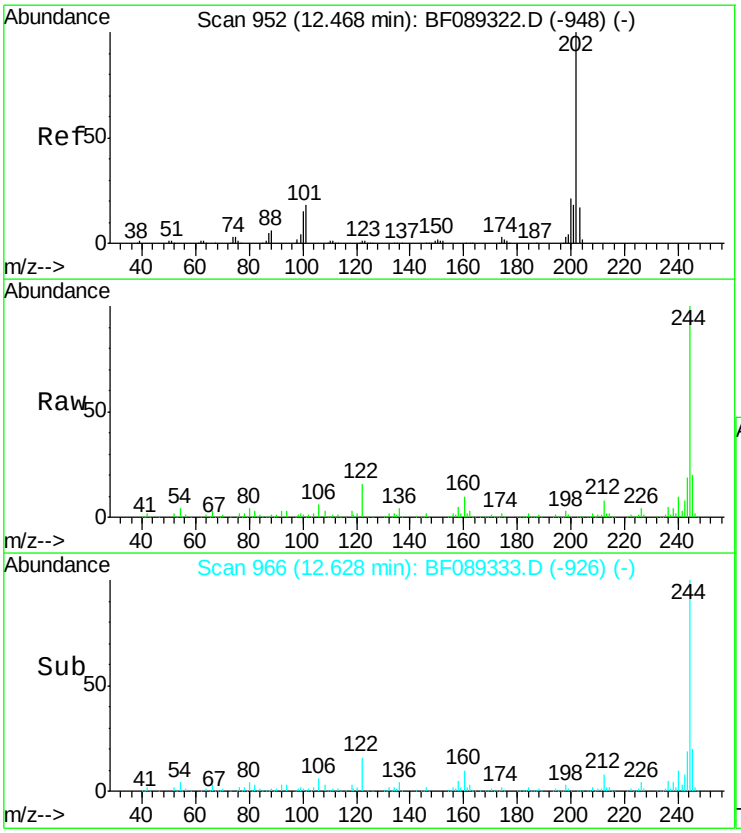
#76
Benzidine
Concen: 1.49 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.24 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:184 Resp: 7745

Ion	Ratio	Lower	Upper
184	100		
185	16.7	13.5	20.3
183	14.2	9.8	14.6

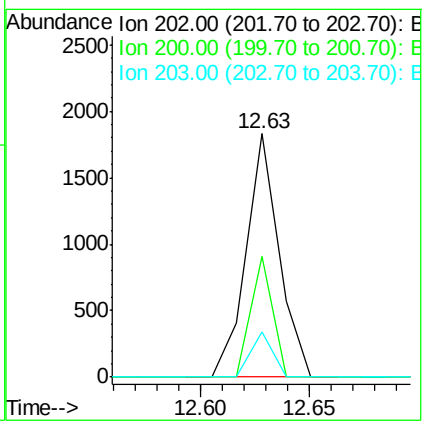


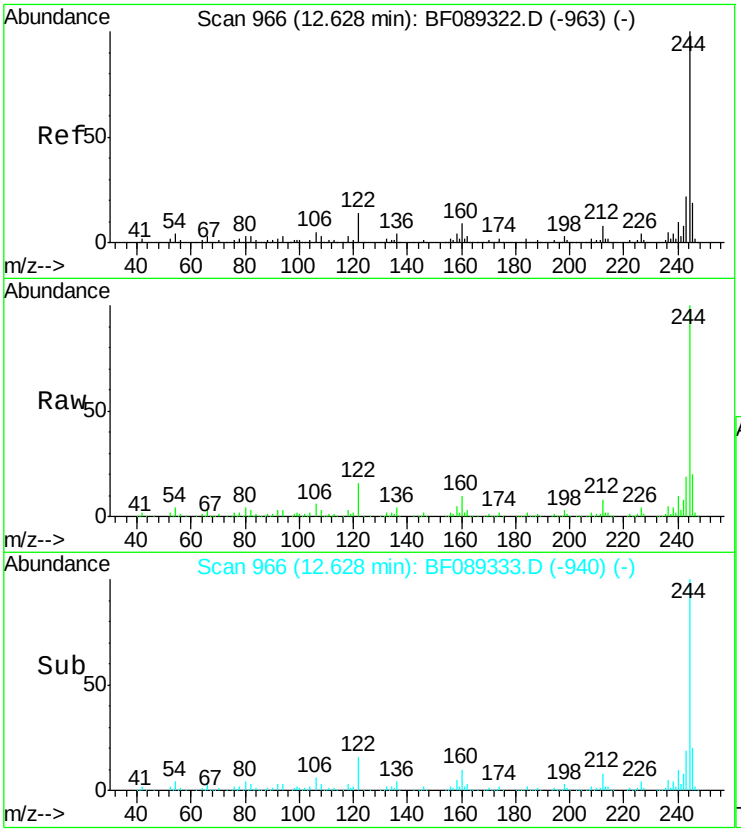


#77
Pyrene
Concen: 0.18 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.16 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:202 Resp: 1924

Ion	Ratio	Lower	Upper
202	100		
200	49.7	16.9	25.3#
203	18.4	14.0	21.0



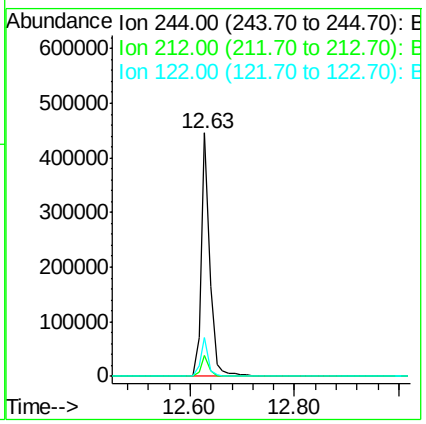


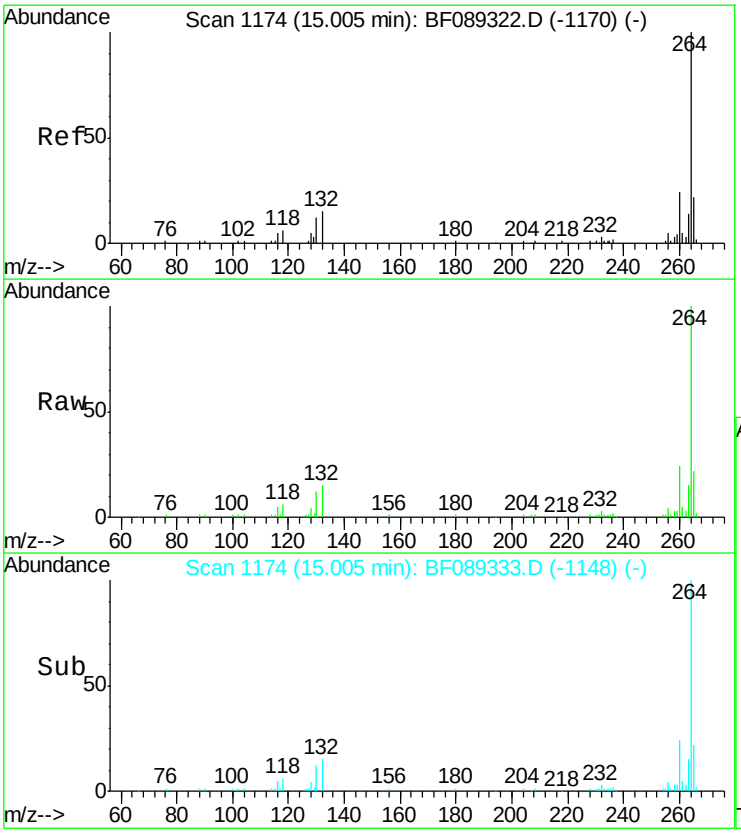
#78
Terphenyl-d14
Concen: 84.50 ng
RT: 12.63 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB92421BL

Tgt Ion:244 Resp: 508516

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	16.0	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089333.D
Acq: 27 Jul 2016 17:22

Tgt Ion:264 Resp: 118015

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.5	17.5	26.3