Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
Data File : BF089405.D
Acq On : 29 Jul 2016 11:47
Operator : UM/SJ
Sample : H4186-28
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 29 15:39:03 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	6.52	152	45252	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	175651	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	75802	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	113481	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	91982	20.00	ng	-0.02
86) Perylene-d12	14.98	264	86544	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	232160	81.92	ng	0.00
7) Phenol-d6	6.18	99	289376	77.26	ng	-0.02
23) Nitrobenzene-d5	7.10	82	209204	70.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	51043	81.30	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	372131	72.05	ng	-0.02
78) Terphenyl-d14	12.61	244	231552	58.92	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	53006	41.40	ng	# 26
4) n-Nitrosodimethylamine	2.31	42	220	7.89	ng	# 1
9) Benzaldehyde	6.30	77	5864	3.21	ng	86
19) n-Nitroso-di-n-propylamine	7.10	70	26420	11.70	ng	# 83
31) Naphthalene	7.83	128	51278	5.90	ng	99
50) 2,6-Dinitrotoluene	9.55	165	9429	7.95	ng	# 24
56) 2,4-Dinitrotoluene	9.55	165	9429	6.04	ng	# 7
66) 4-Bromophenyl-phenylether	10.34	248	3733	3.45	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072916\
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Acq On : 29 Jul 2016 11:47
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Misc :
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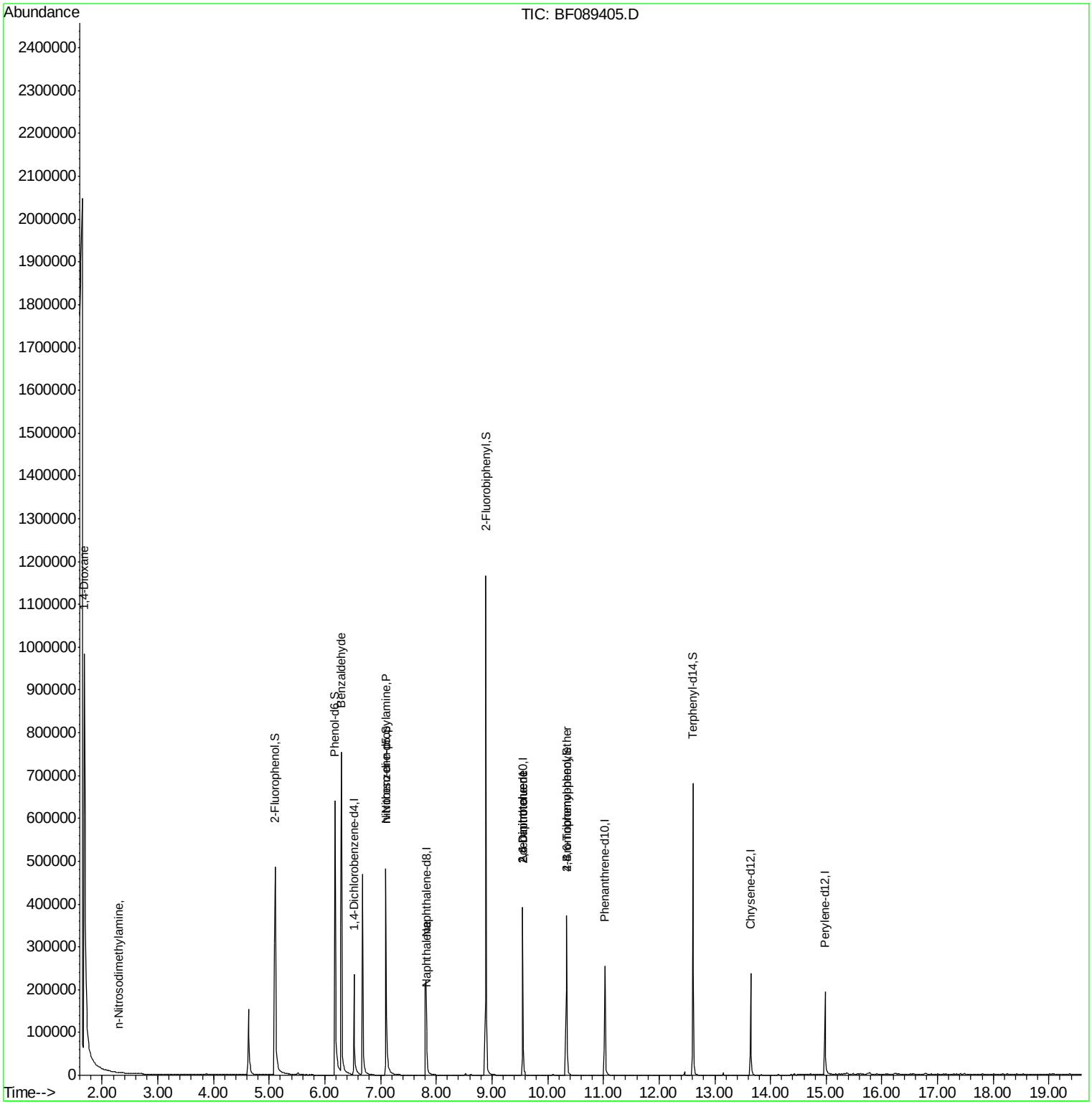
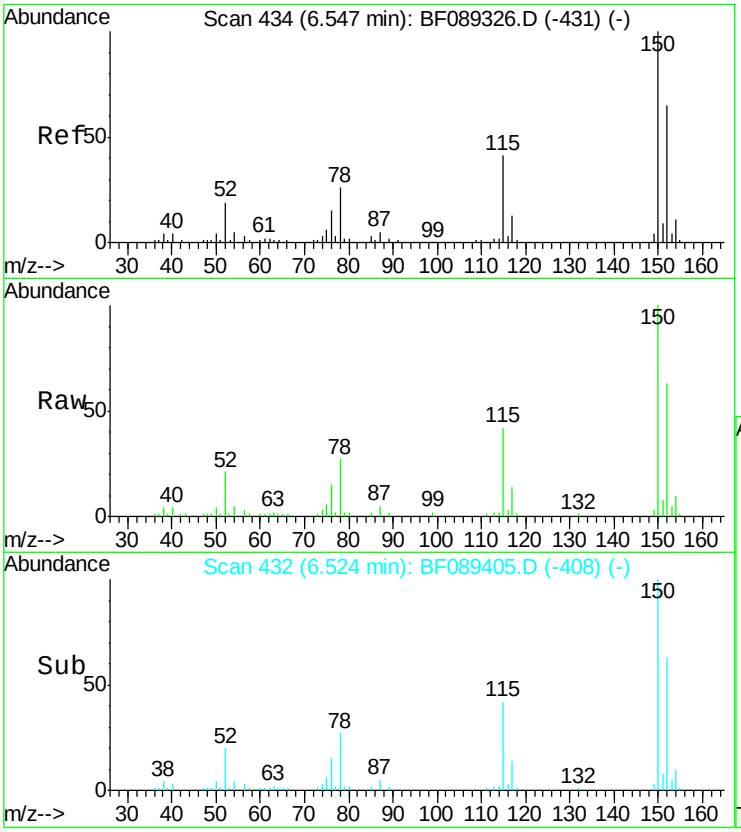
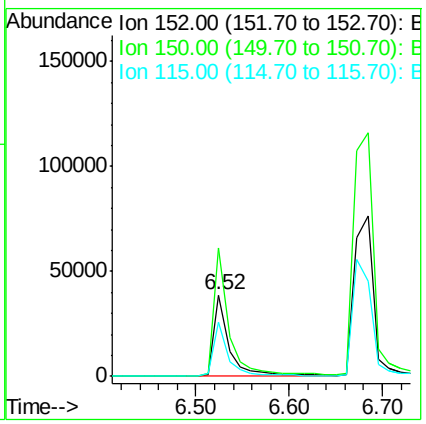




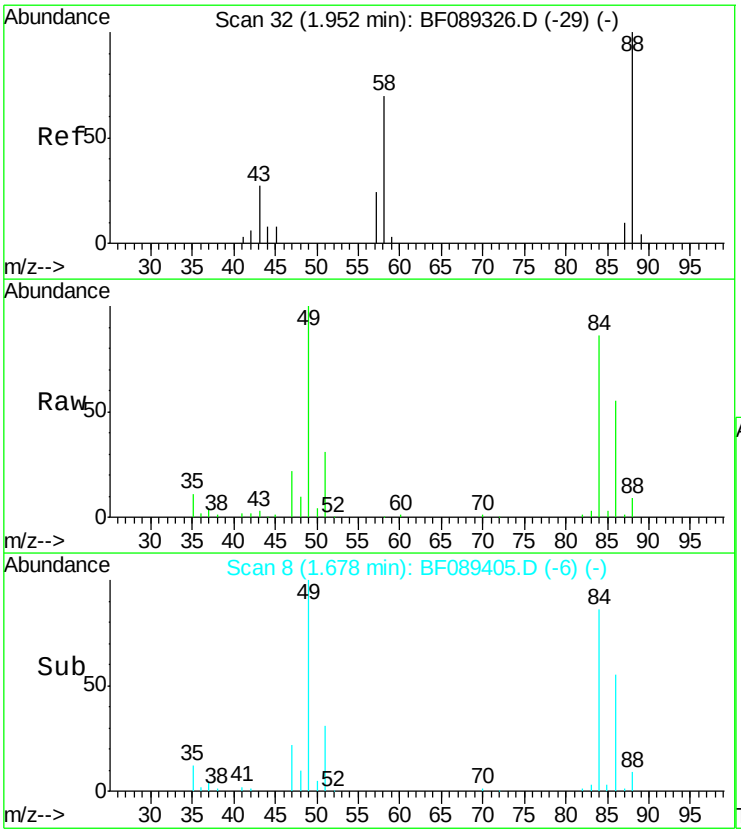
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:152 Resp: 45252

Ion	Ratio	Lower	Upper
152	100		
150	158.5	129.5	194.3
115	66.2	51.4	77.2



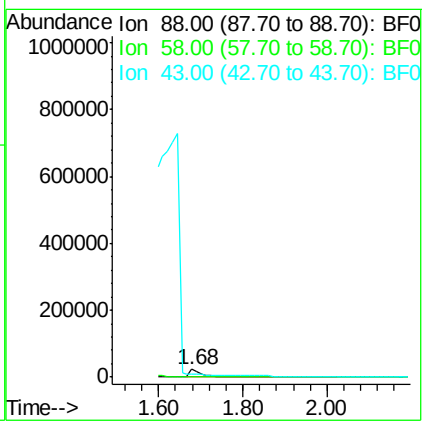
Instrument :
BNA_F
ClientSampleId :

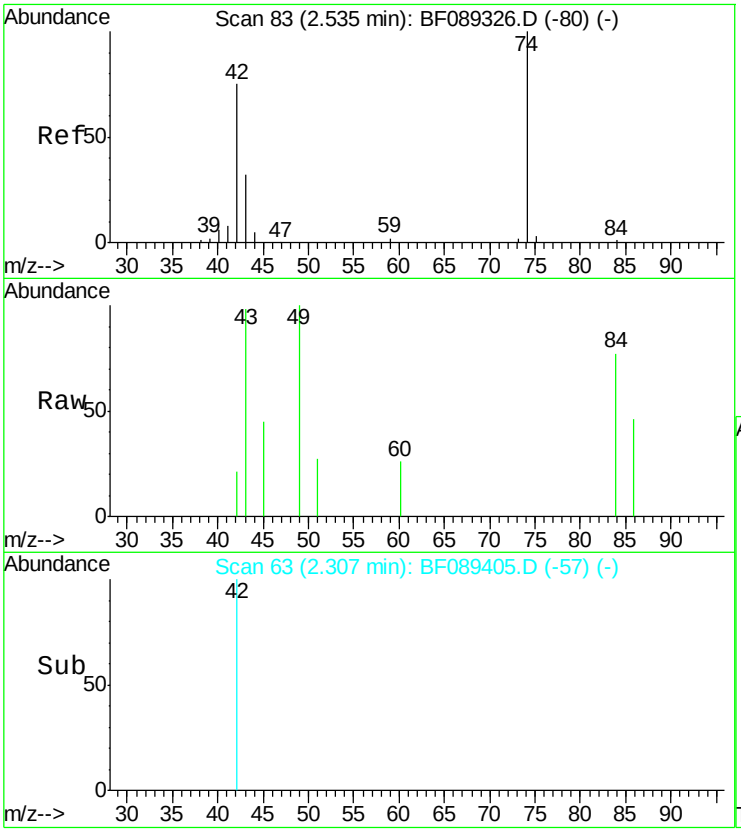


#2
1,4-Dioxane
Concen: 41.40 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion: 88 Resp: 53006

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



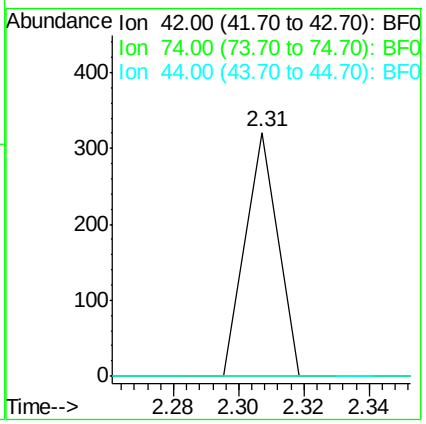


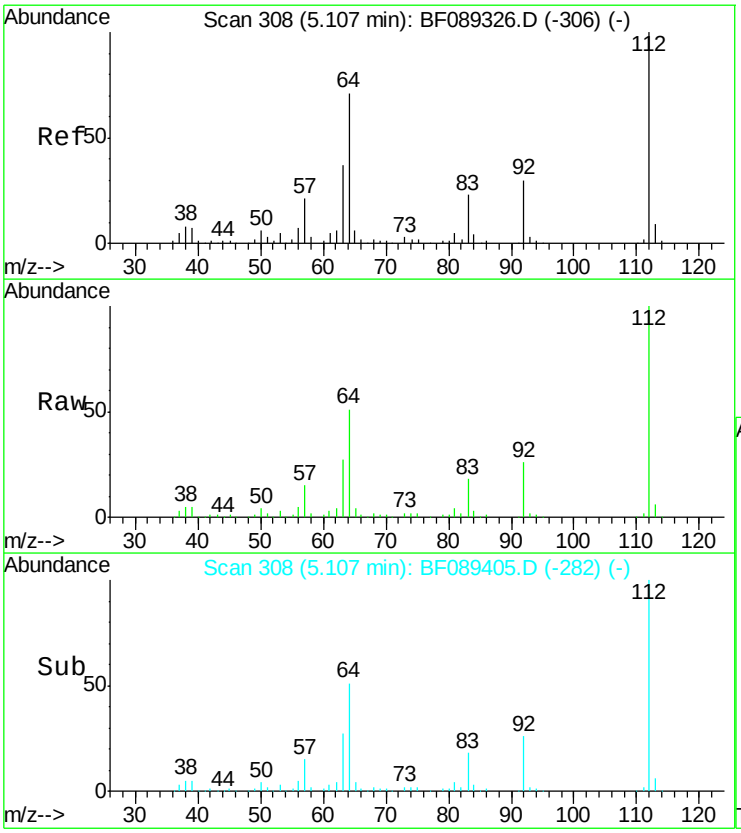
#4
n-Nitrosodimethylamine
Concen: 7.89 ng
RT: 2.31 min Scan# 63
Delta R.T. -0.23 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 42 Resp: 220

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.8	166.2#
44	0.0	5.2	7.8#

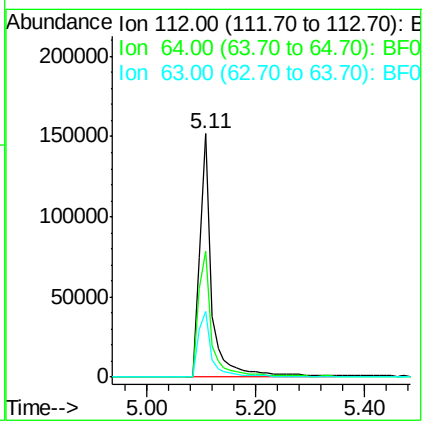


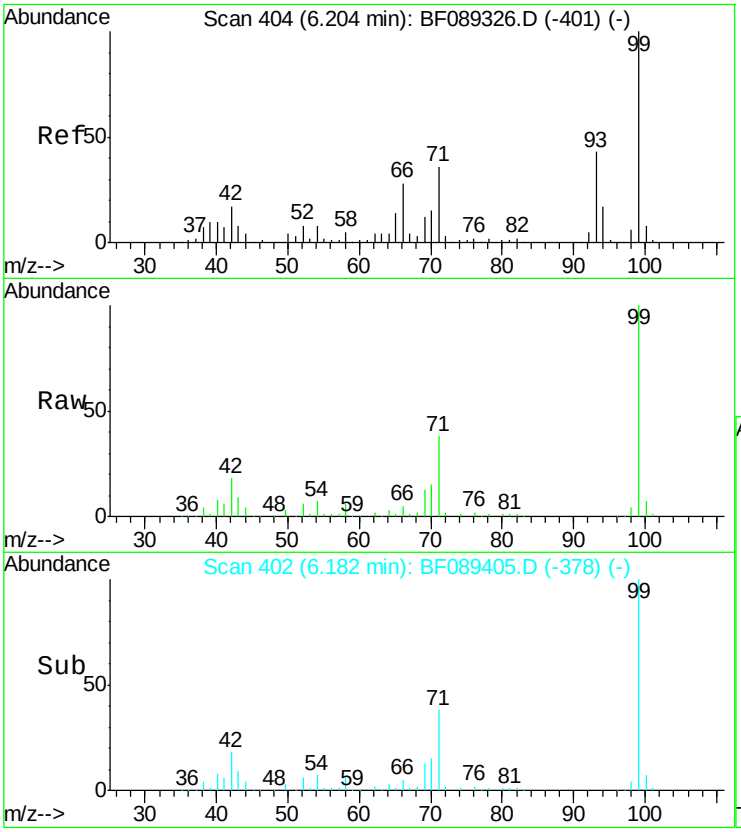


#5
2-Fluorophenol
Concen: 81.92 ng
RT: 5.11 min Scan# 308
Delta R.T. 0.00 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:112 Resp: 232160

Ion	Ratio	Lower	Upper
112	100		
64	51.5	55.0	82.6#
63	27.2	29.4	44.2#



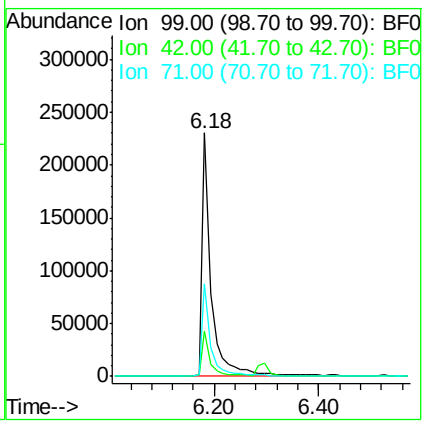


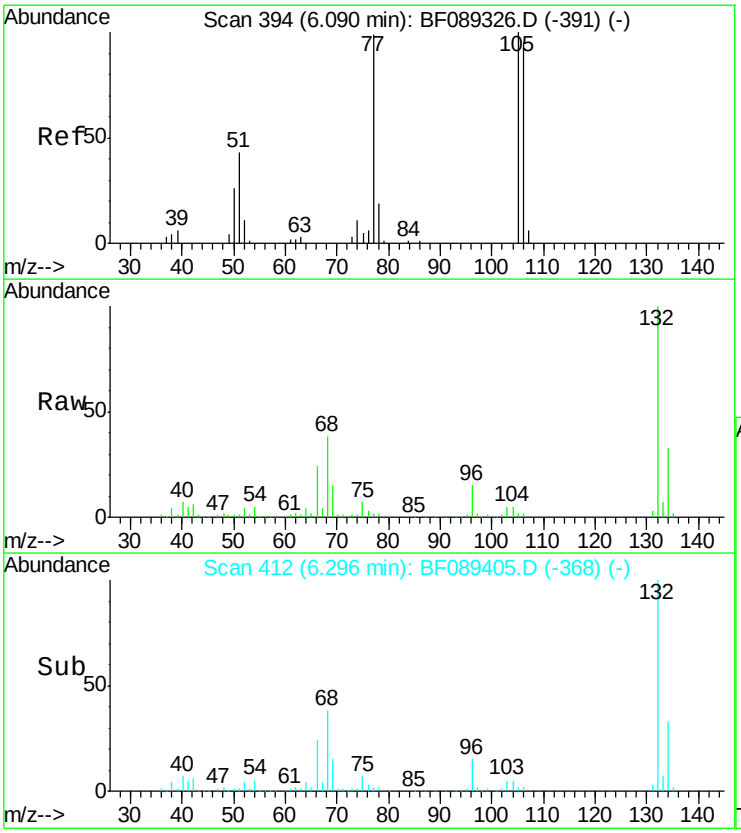
#7
Phenol-d6
Concen: 77.26 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 289376

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.6	20.4
71	38.1	29.4	44.2

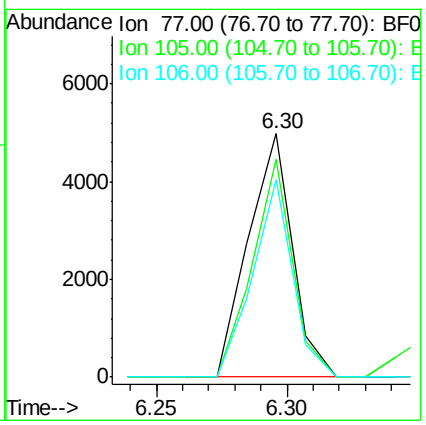


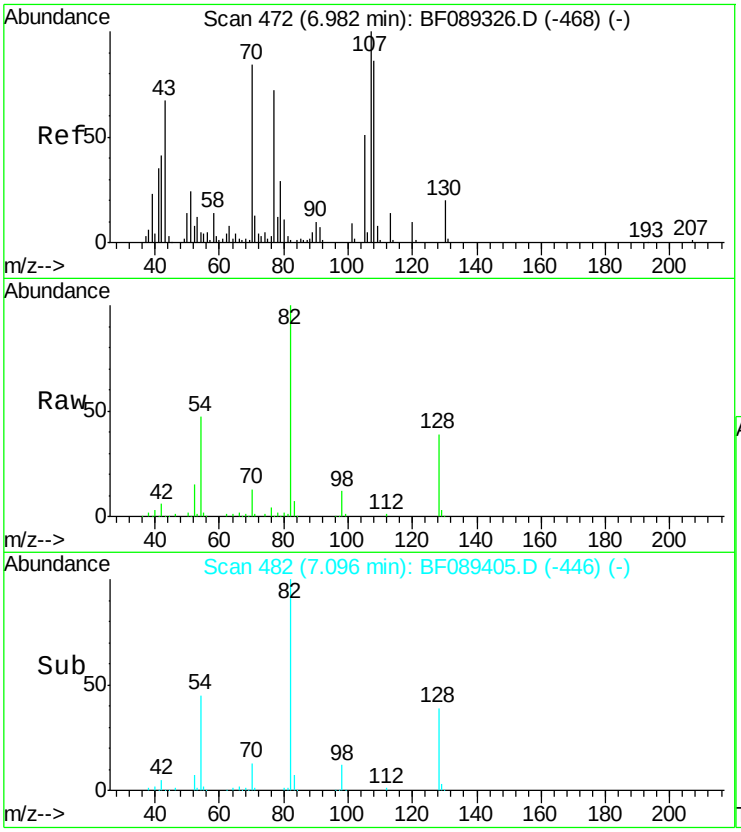


#9
Benzaldehyde
Concen: 3.21 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.21 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion: 77 Resp: 5864

Ion	Ratio	Lower	Upper
77	100		
105	89.4	82.9	122.9
106	81.3	75.9	115.9



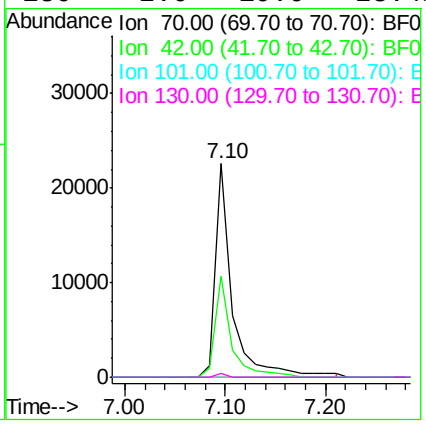


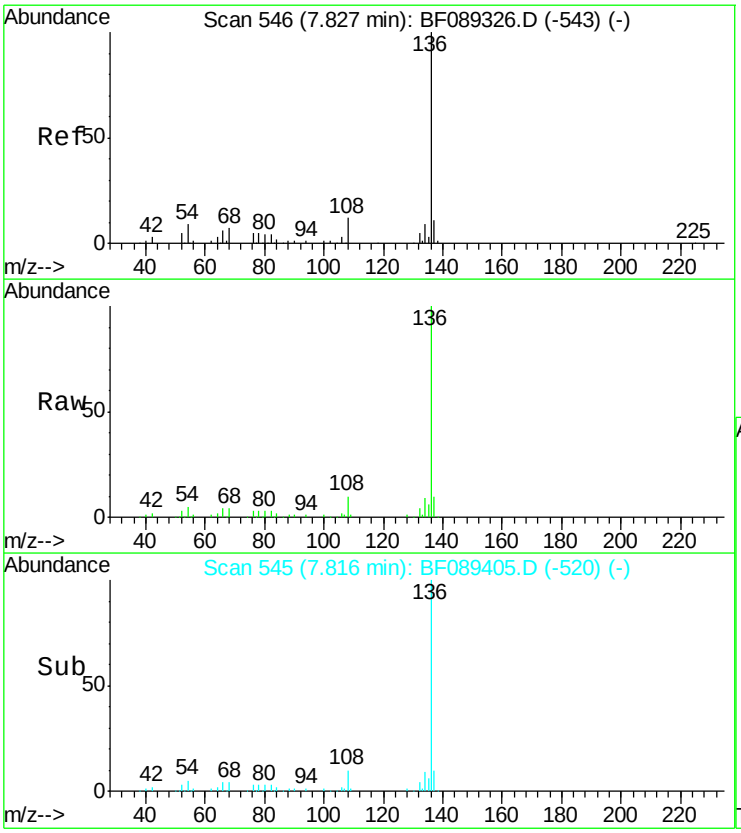
#19
n-Nitroso-di-n-propylamine
Concen: 11.70 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 26420

Ion	Ratio	Lower	Upper
70	100		
42	47.4	38.6	57.8
101	0.0	8.3	12.5#
130	2.0	19.0	28.4#

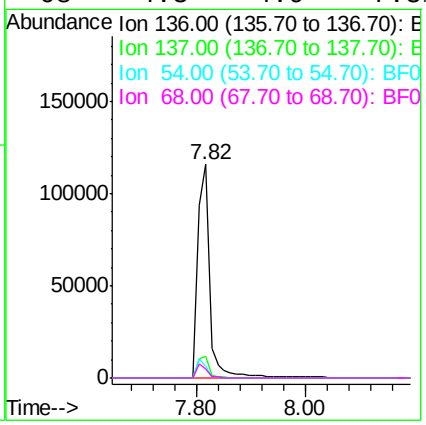


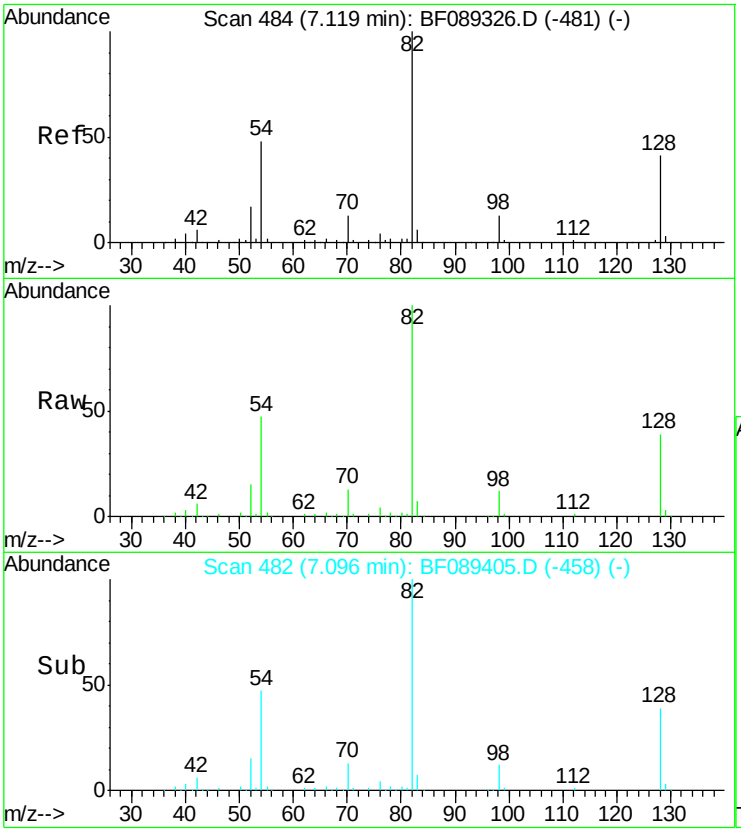


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:136 Resp: 175651

Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	5.4	7.0	10.4#
68	4.3	4.9	7.3#



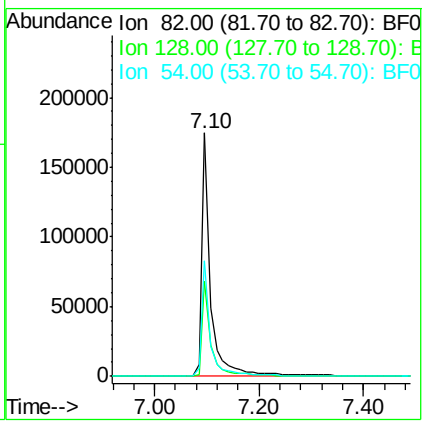


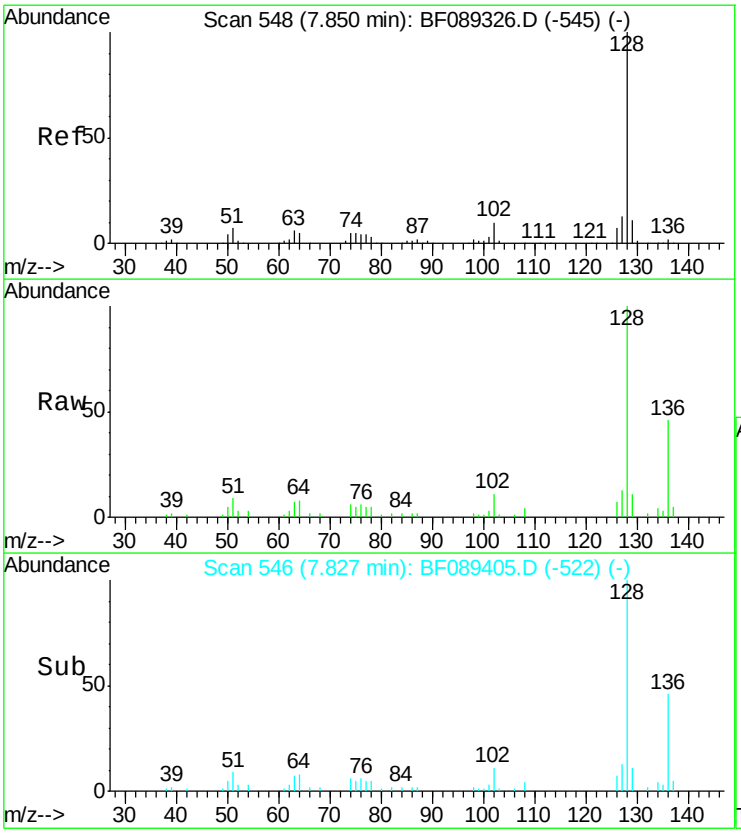
#23
Nitrobenzene-d5
Concen: 70.30 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 209204

Ion	Ratio	Lower	Upper
82	100		
128	39.1	32.5	48.7
54	47.3	38.8	58.2

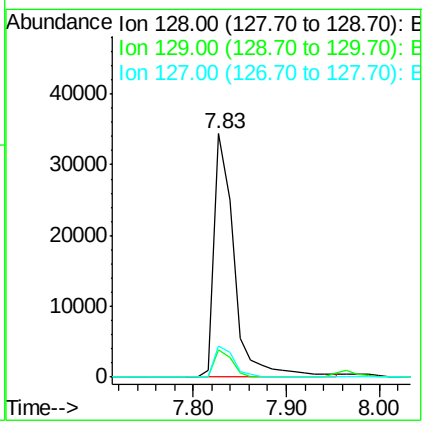


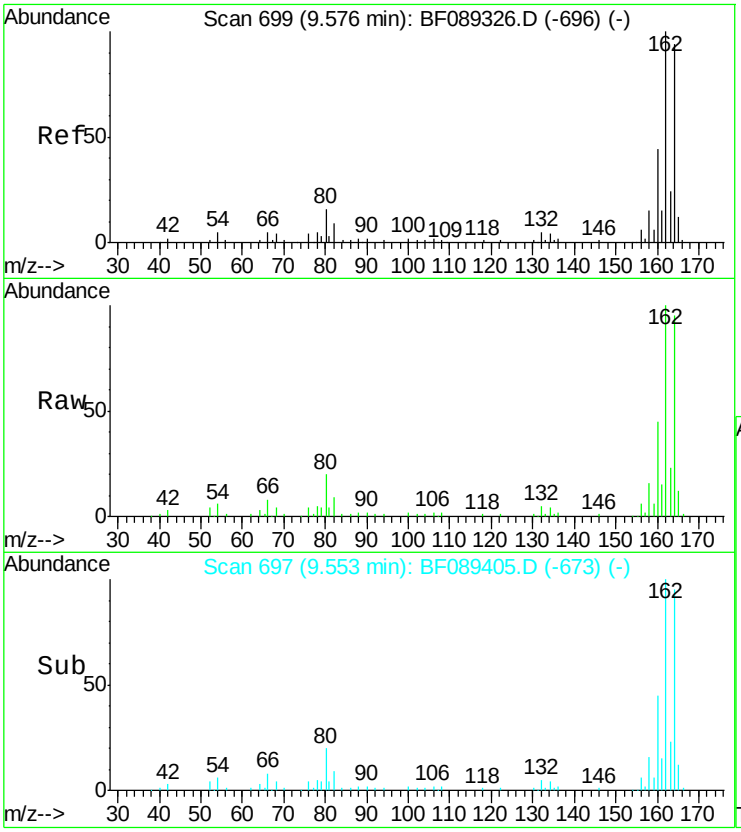


#31
Naphthalene
Concen: 5.90 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:128 Resp: 51278

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.8	10.8	16.2



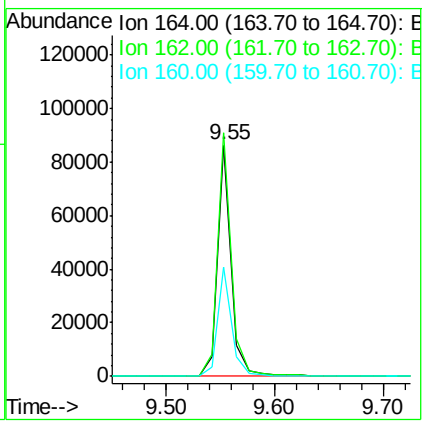


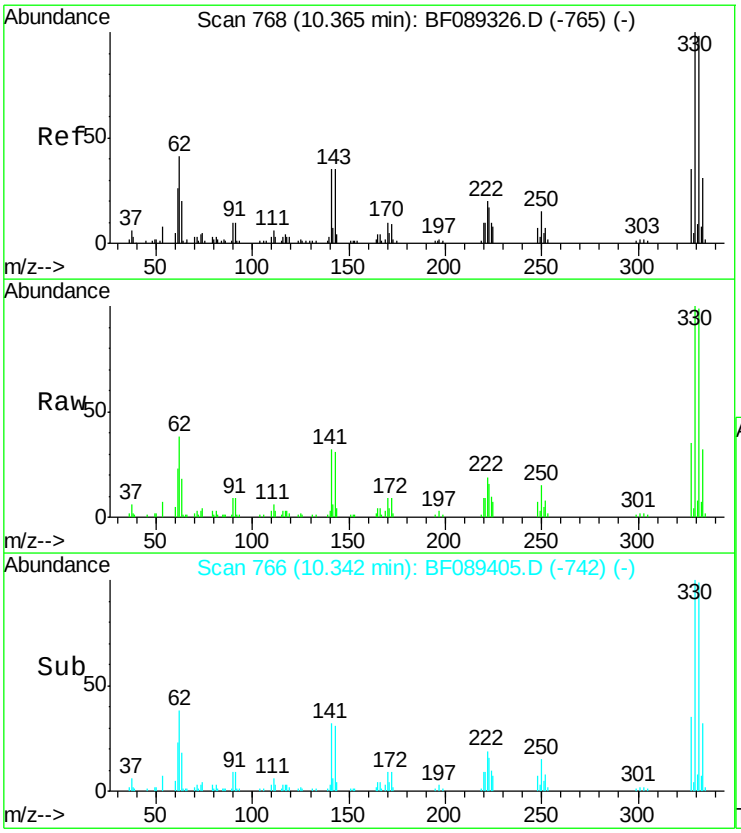
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 75802

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.7	125.5
160	47.2	37.8	56.6

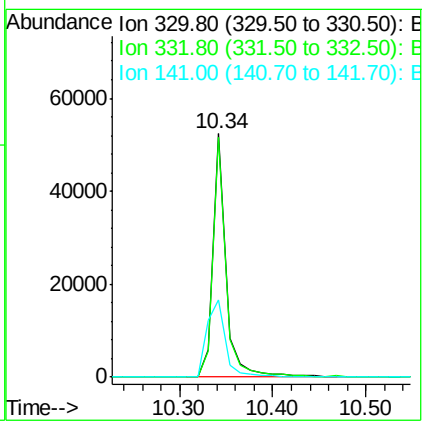


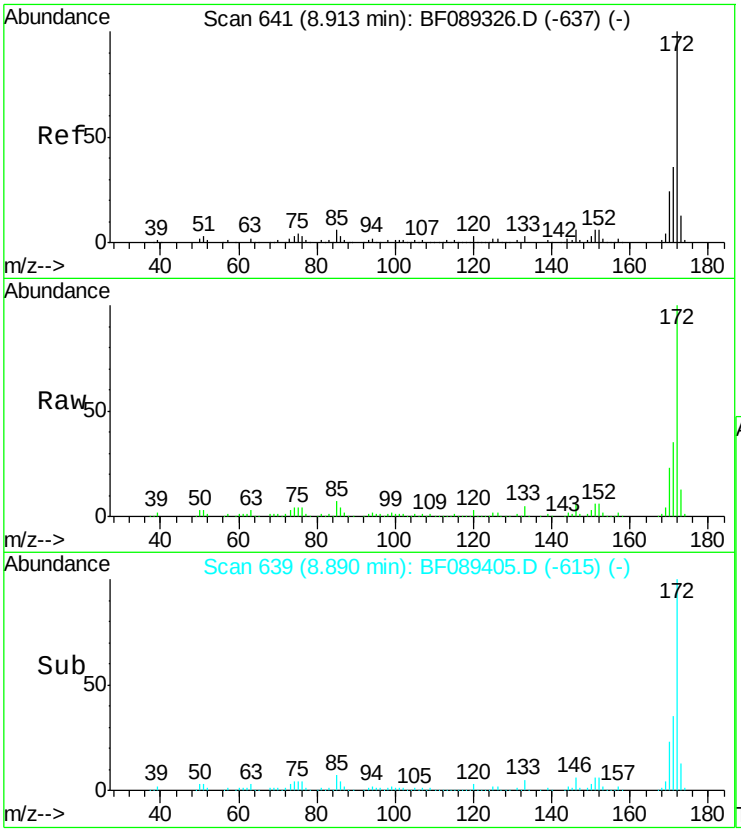


#41
2,4,6-Tribromophenol
Concen: 81.30 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:330 Resp: 51043

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	45.5	37.3	55.9



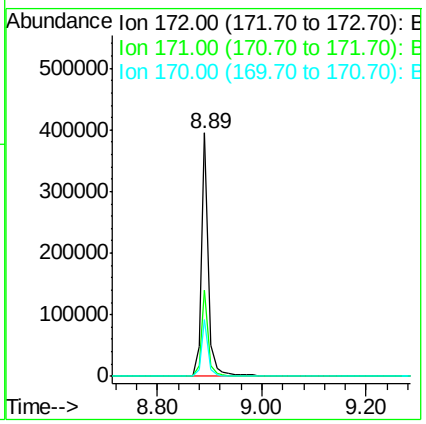


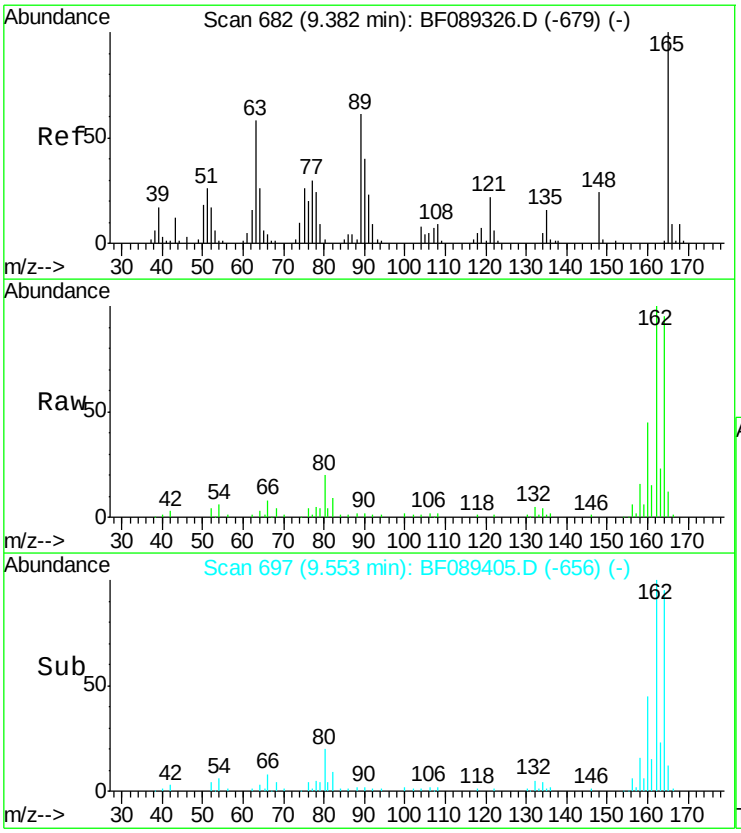
#44
2-Fluorobiphenyl
Concen: 72.05 ng
RT: 8.89 min Scan# 639
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 372131

Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.2	43.8
170	23.3	19.2	28.8

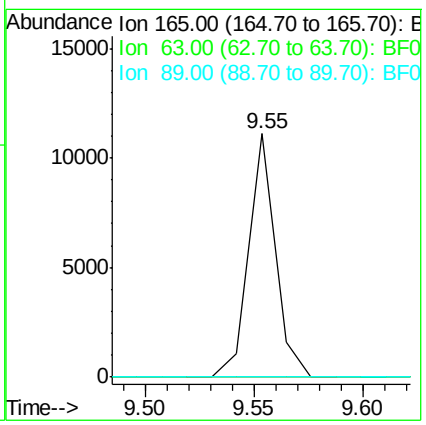


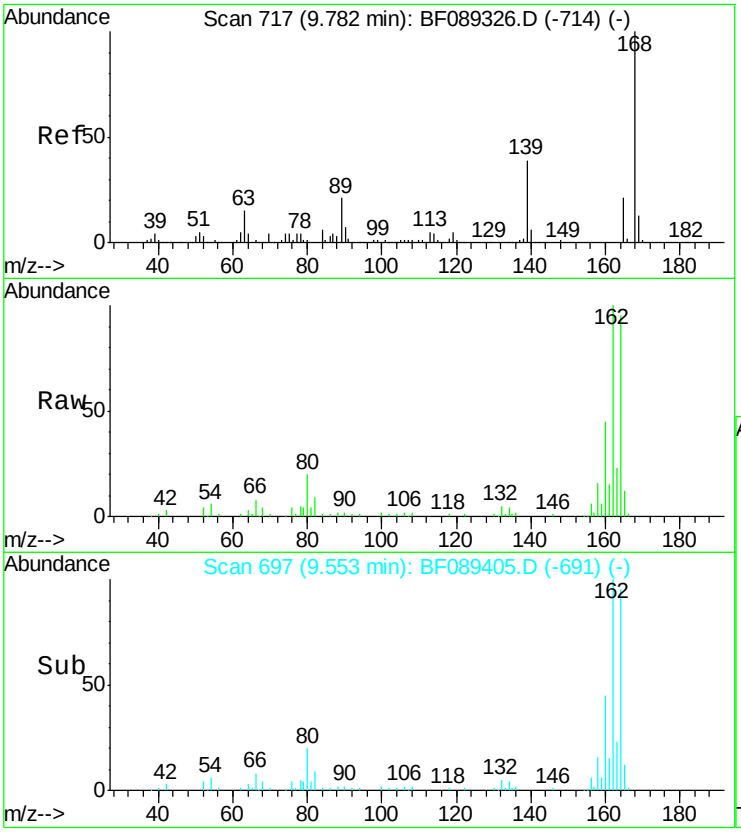


#50
2,6-Dinitrotoluene
Concen: 7.95 ng
RT: 9.55 min Scan# 697
Delta R.T. 0.17 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:165 Resp: 9429

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



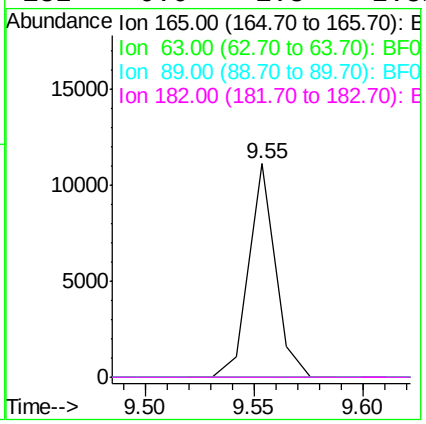


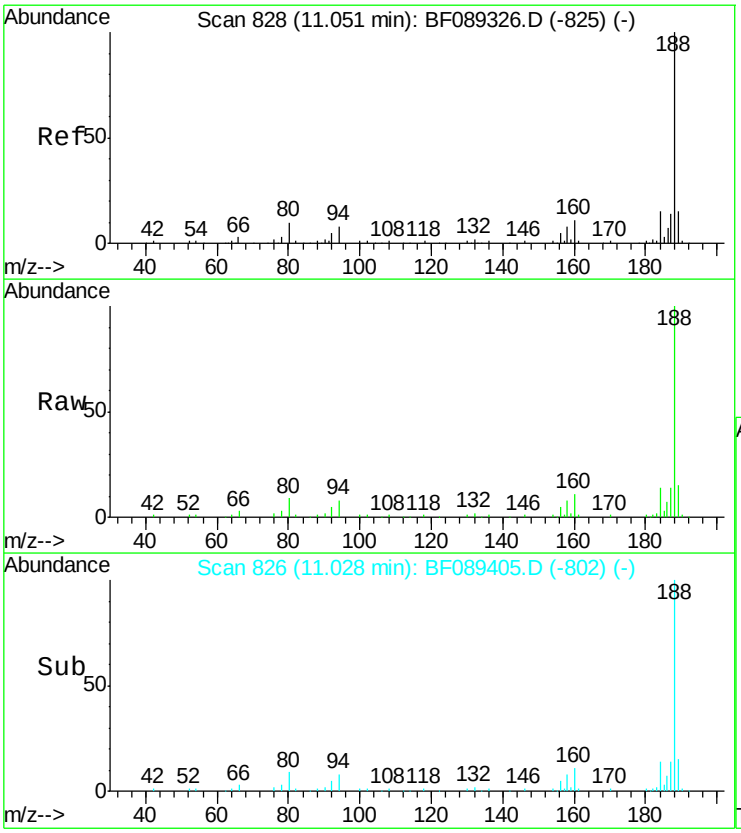
#56
2,4-Dinitrotoluene
Concen: 6.04 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.23 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 9429

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#

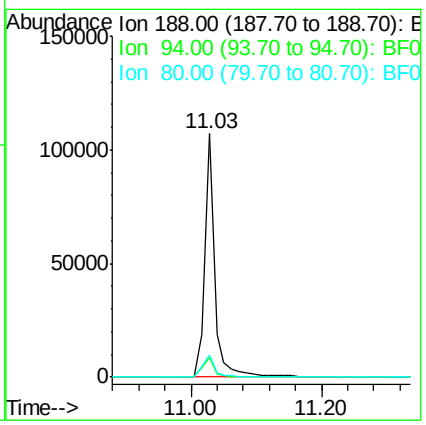


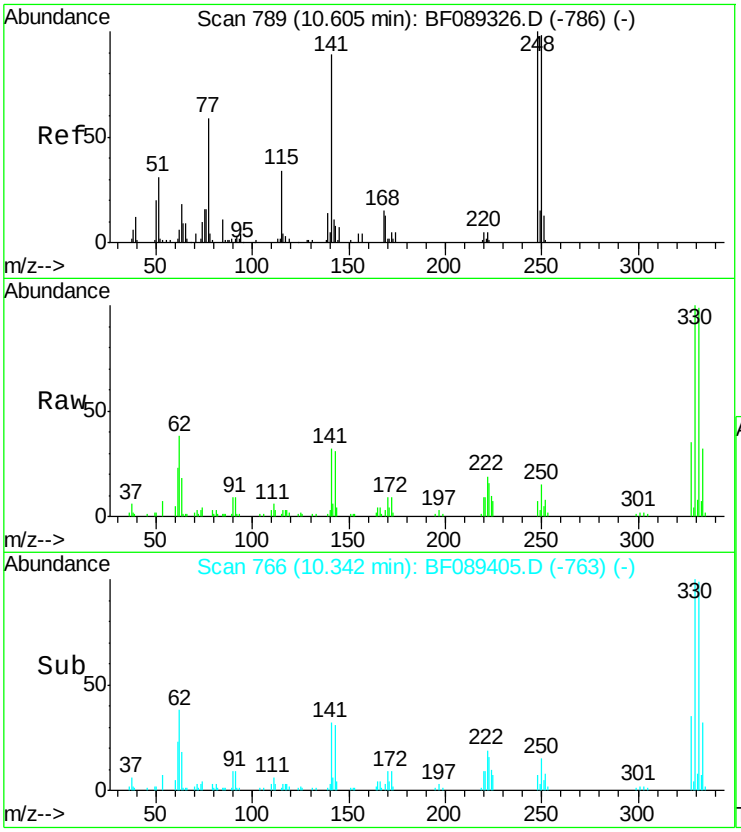


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:188 Resp: 113481

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.5	9.7
80	9.3	7.2	10.8



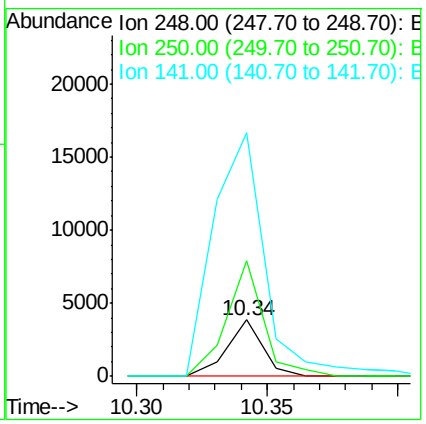


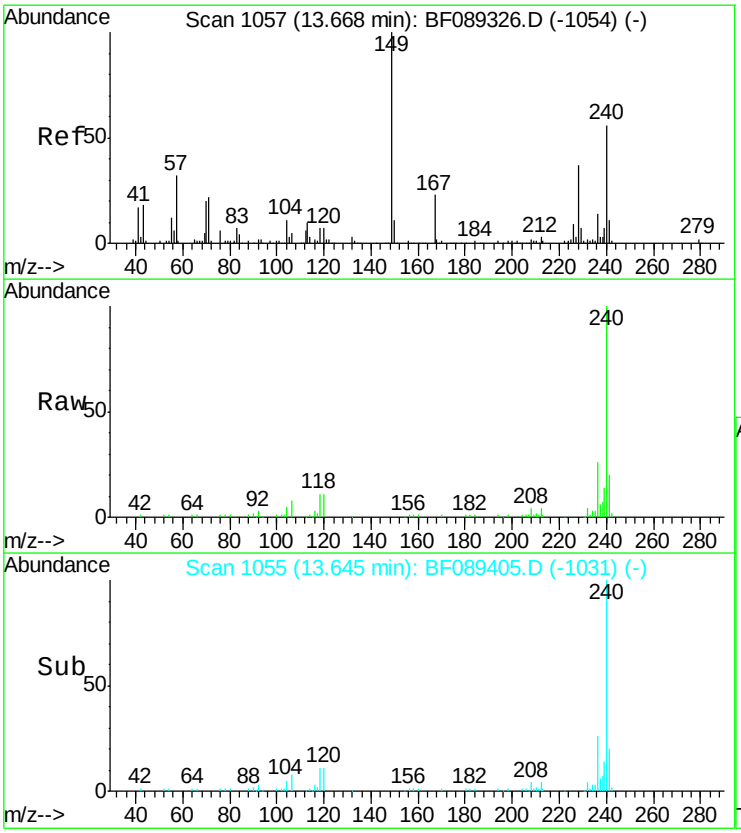
#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.26 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 3733

Ion	Ratio	Lower	Upper
248	100		
250	204.3	78.2	117.2#
141	431.5	62.0	93.0#

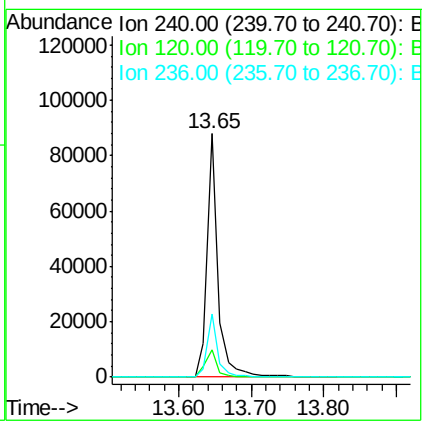


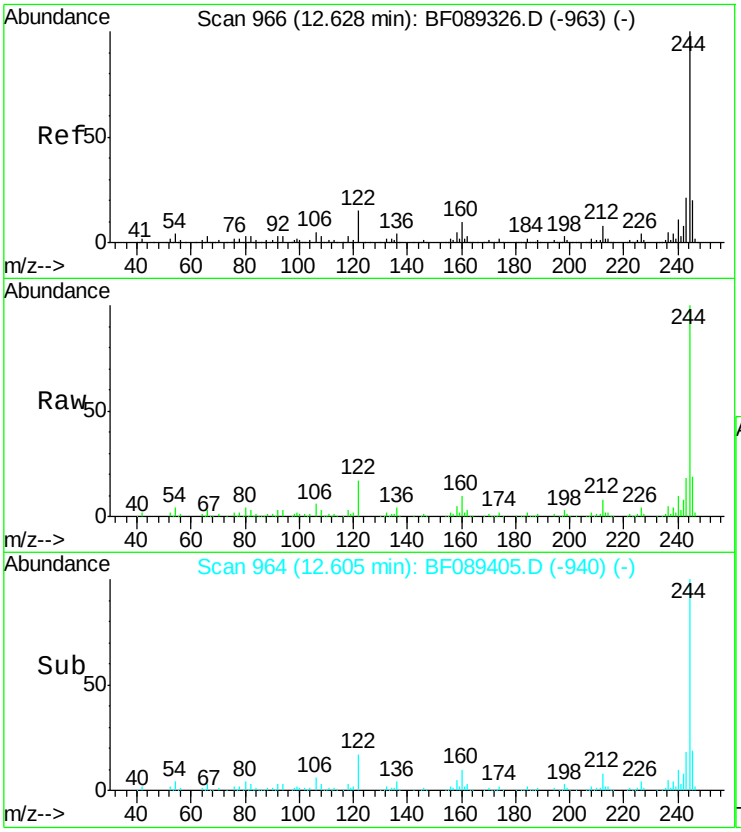


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:240 Resp: 91982

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.1	13.7
236	26.0	20.6	30.8



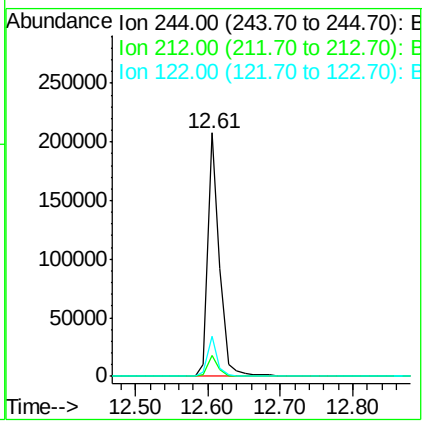


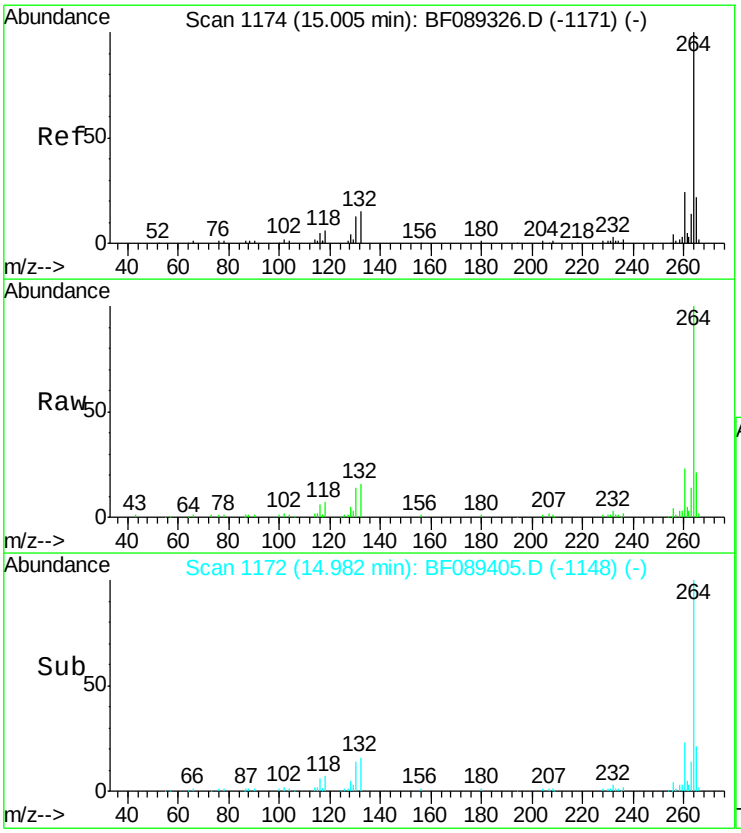
#78
Terphenyl-d14
Concen: 58.92 ng
RT: 12.61 min Scan# 964
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 231552

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.5	9.7
122	16.6	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089405.D
Acq: 29 Jul 2016 11:47

Tgt Ion:264 Resp: 86544

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	21.2	17.5	26.3