Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089427.D
Acq On : 30 Jul 2016 00:10
Operator : UM/SJ
Sample : H4221-10
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-45-10.0-11.0

Quant Time: Jul 30 00:55:12 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	46340	20.00	ng	-0.03
21) Naphthalene-d8	7.80	136	184899	20.00	ng	-0.02
38) Acenaphthene-d10	9.54	164	87918	20.00	ng	-0.03
63) Phenanthrene-d10	11.02	188	135508	20.00	ng	-0.03
75) Chrysene-d12	13.63	240	89504	20.00	ng	-0.03
86) Perylene-d12	14.96	264	95865	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	415097	143.03	ng	-0.01
7) Phenol-d6	6.18	99	544170	141.88	ng	-0.02
23) Nitrobenzene-d5	7.08	82	303804	96.98	ng	-0.03
41) 2,4,6-Tribromophenol	10.33	330	83948	115.29	ng	-0.03
44) 2-Fluorobiphenyl	8.88	172	525969	87.80	ng	-0.03
78) Terphenyl-d14	12.59	244	314013	82.11	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	1.68	88	55594	42.50	ng	# 26
15) Benzyl Alcohol	6.67	79	5124	2.15	ng	# 46
19) n-Nitroso-di-n-propylamine	7.08	70	39917	17.26	ng	# 82
49) Dimethylphthalate	9.28	163	229968	34.37	ng	99
56) 2,4-Dinitrotoluene	9.54	165	11065	6.11	ng	# 7
66) 4-Bromophenyl-phenylether	10.33	248	6336	4.90	ng	# 1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
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Misc :
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Quant Time: Jul 30 00:55:12 2016
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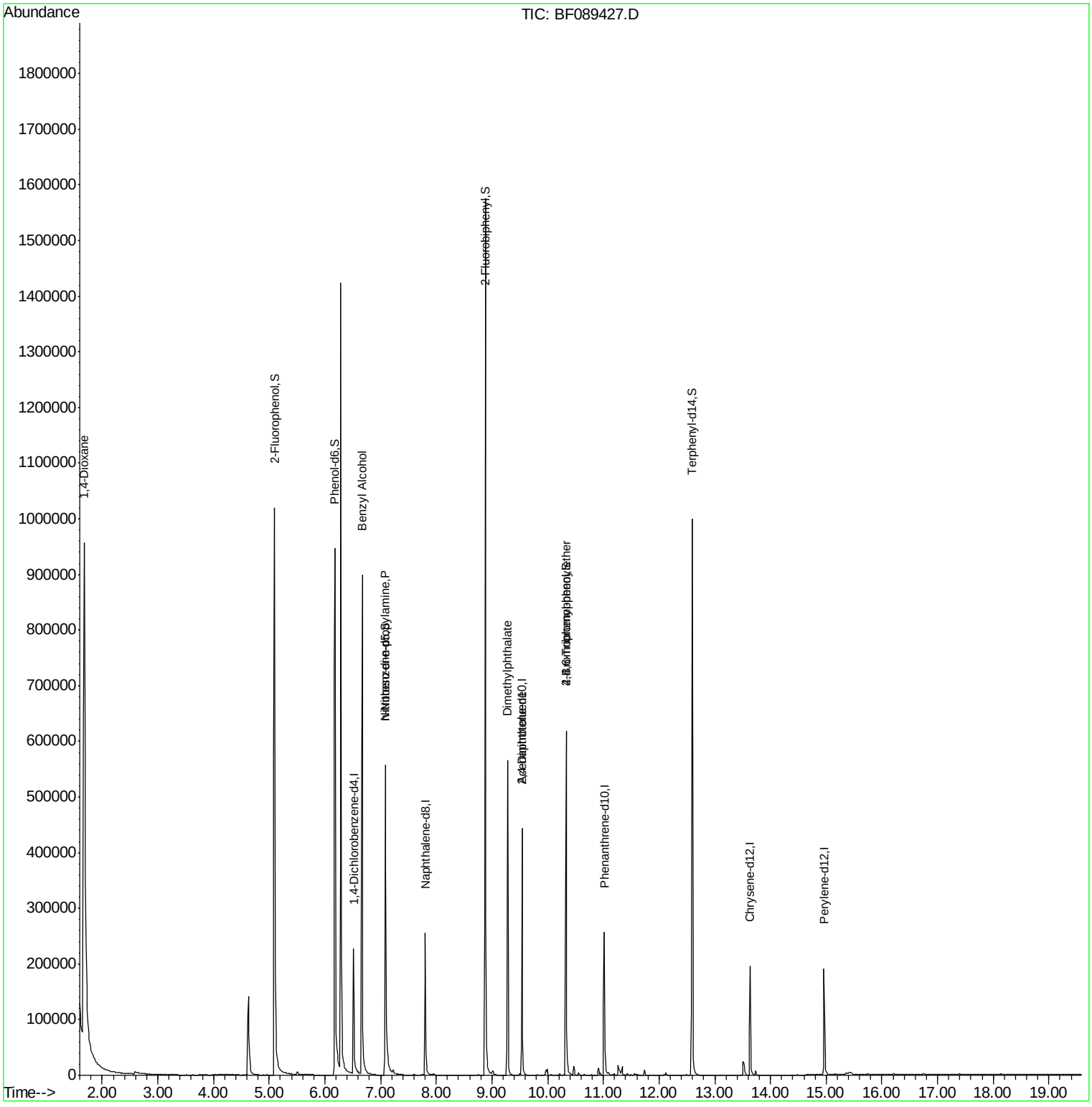
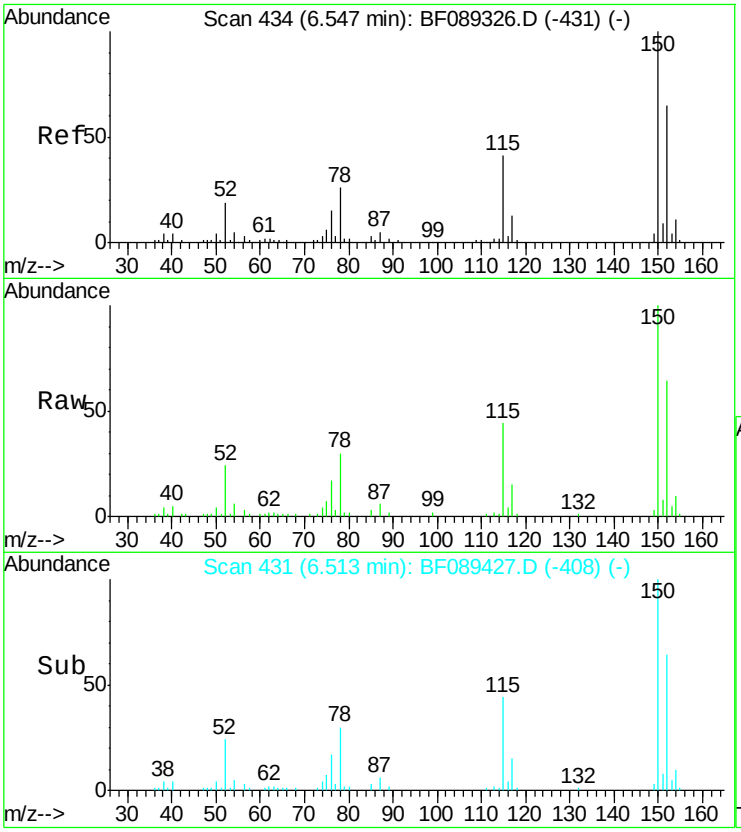
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration



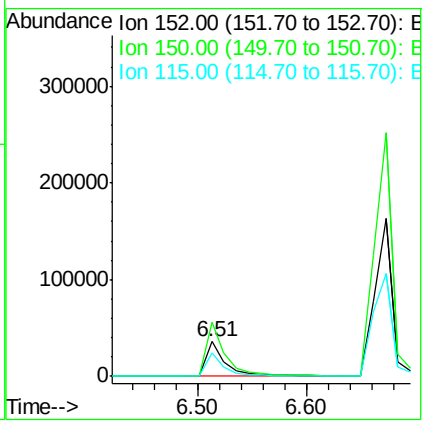


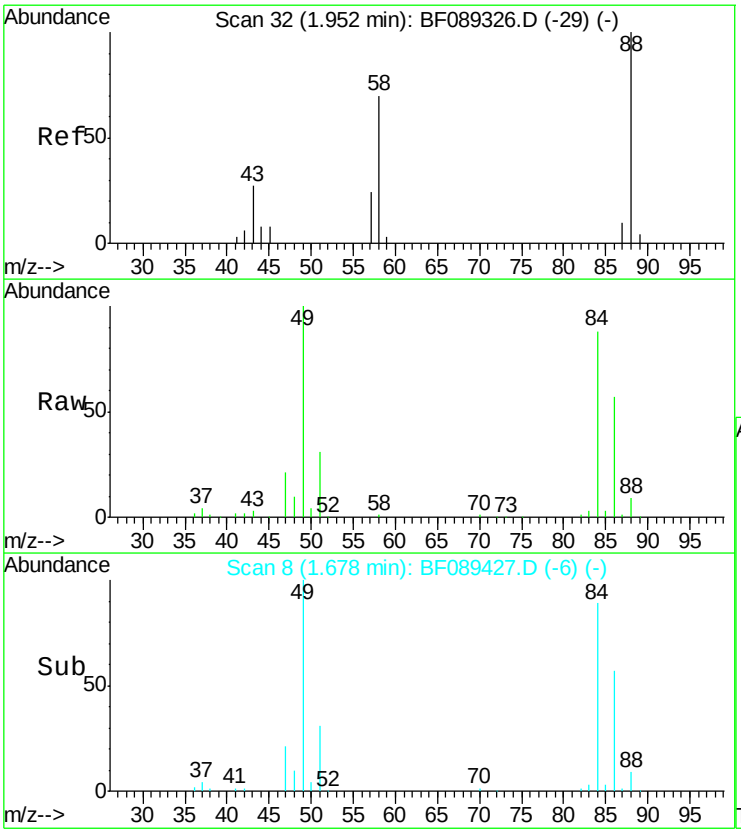
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.51 min Scan# 431
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:152 Resp: 46340

Ion	Ratio	Lower	Upper
152	100		
150	155.8	129.5	194.3
115	67.8	51.4	77.2

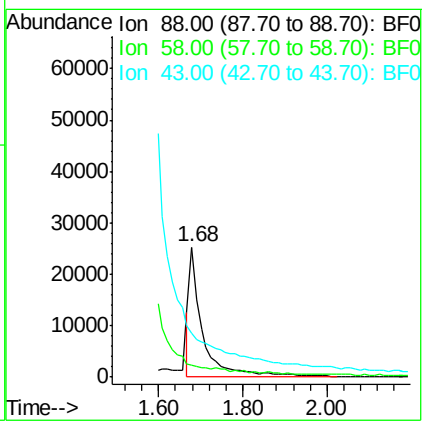


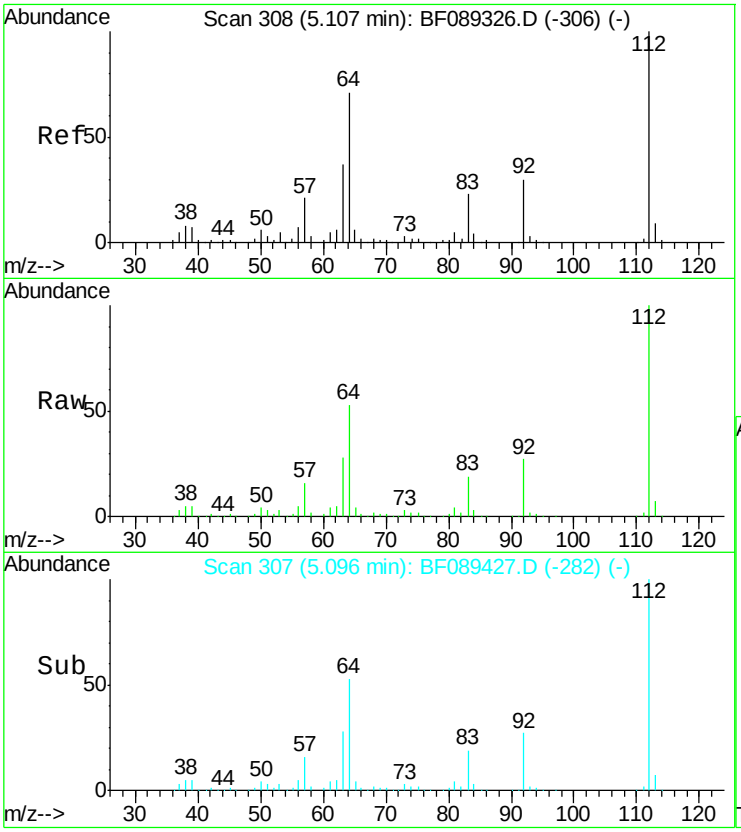


#2
1,4-Dioxane
Concen: 42.50 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion: 88 Resp: 55594

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



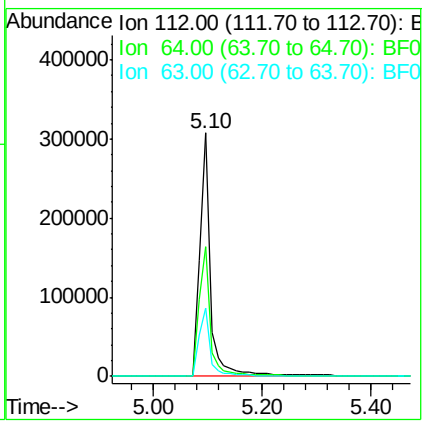


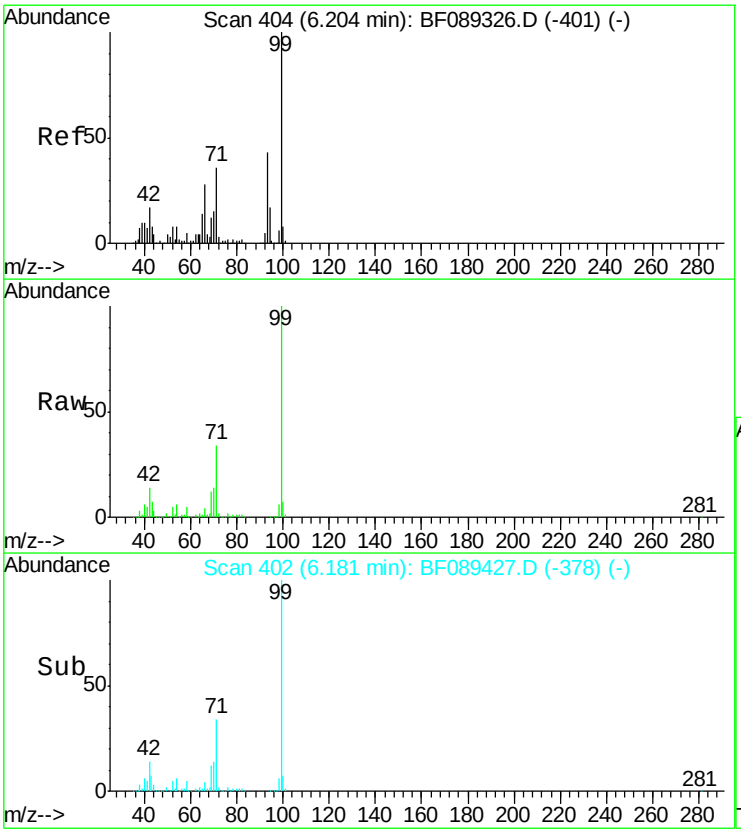
#5
2-Fluorophenol
Concen: 143.03 ng
RT: 5.10 min Scan# 307
Delta R.T. -0.01 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:112 Resp: 415097

Ion	Ratio	Lower	Upper
112	100		
64	53.3	55.0	82.6#
63	28.3	29.4	44.2#

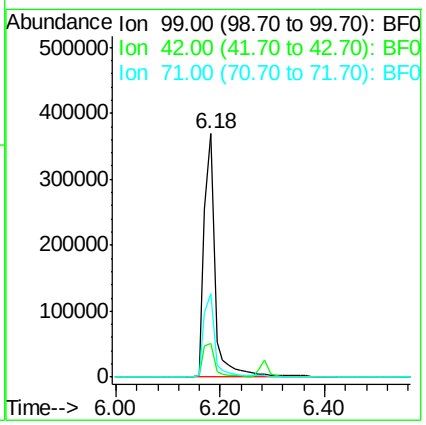


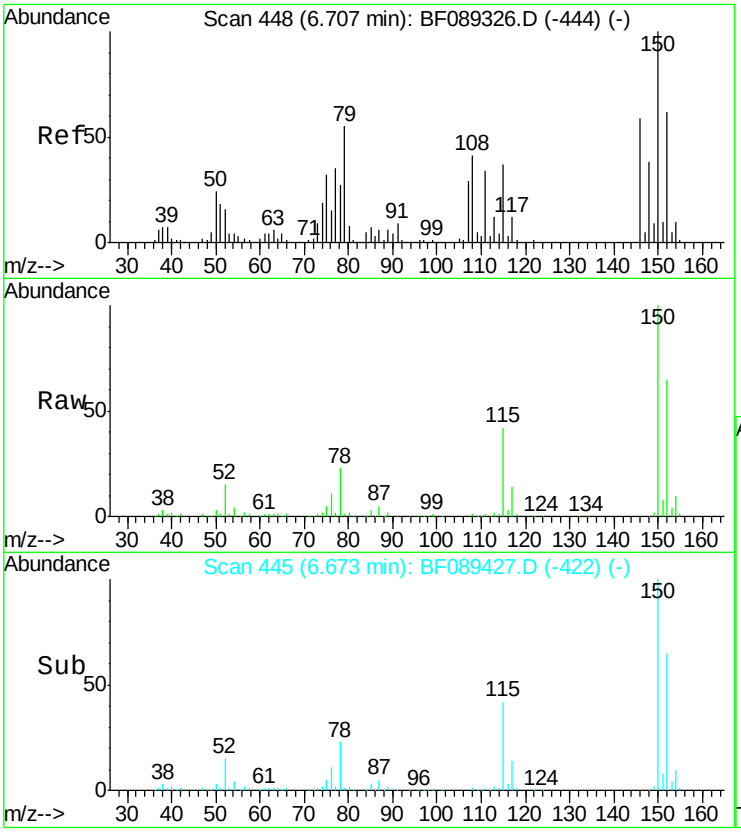


#7
Phenol-d6
Concen: 141.88 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion: 99 Resp: 544170

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.6	20.4
71	34.2	29.4	44.2



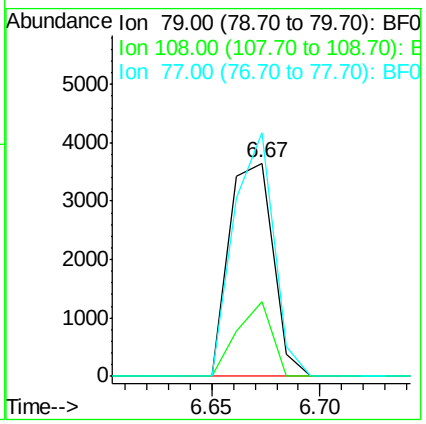


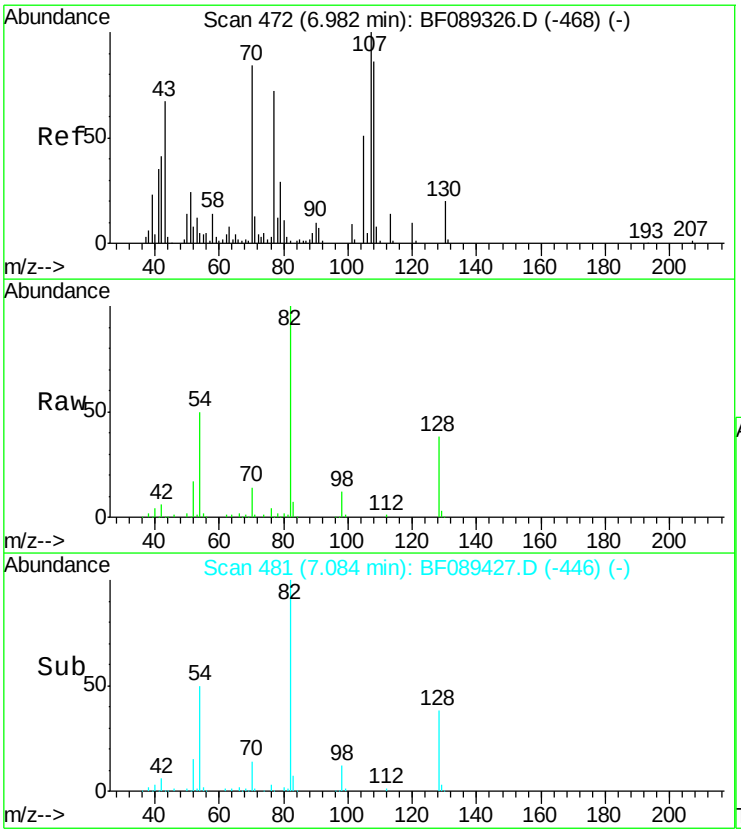
#15
Benzyl Alcohol
Concen: 2.15 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion: 79 Resp: 5124

Ion	Ratio	Lower	Upper
79	100		
108	34.8	59.8	89.6#
77	114.0	51.7	77.5#

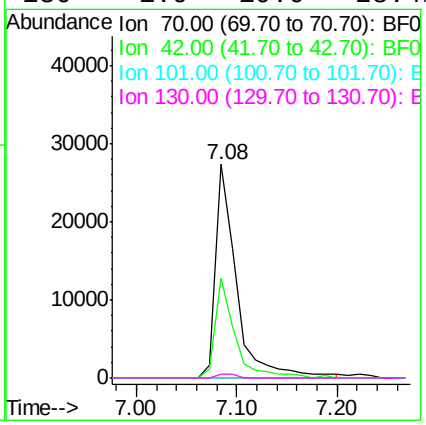


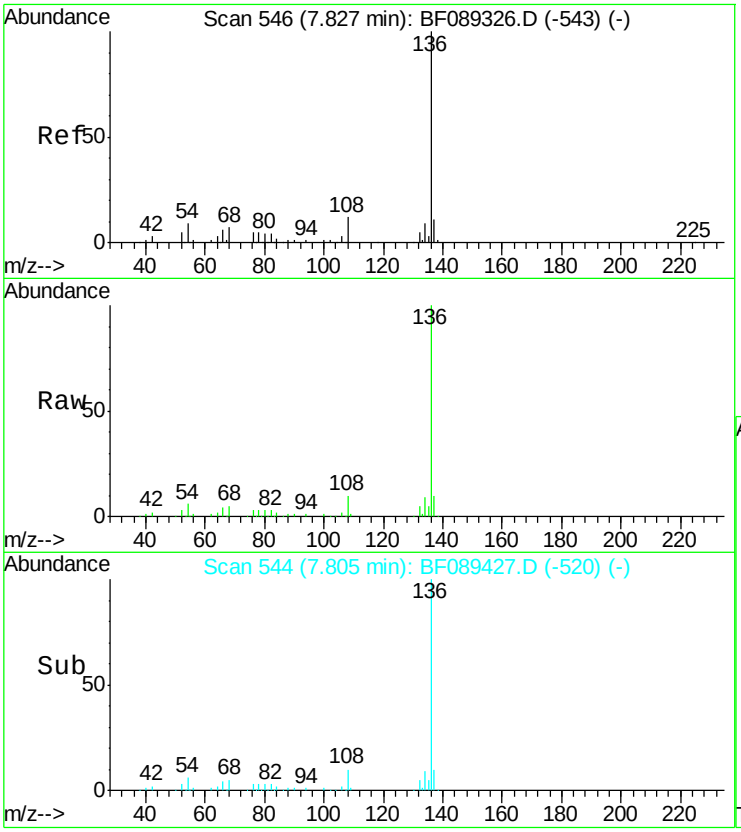


#19
n-Nitroso-di-n-propylamine
Concen: 17.26 ng
RT: 7.08 min Scan# 481
Delta R.T. 0.10 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion: 70 Resp: 39917

Ion	Ratio	Lower	Upper
70	100		
42	46.8	38.6	57.8
101	0.0	8.3	12.5#
130	1.9	19.0	28.4#



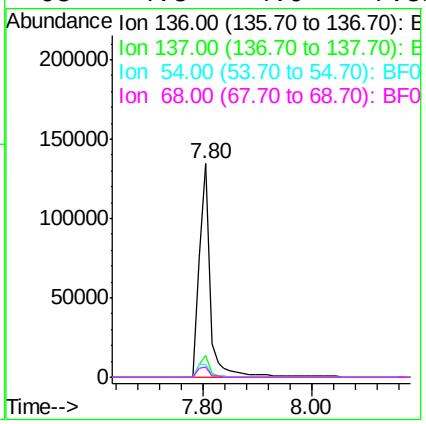


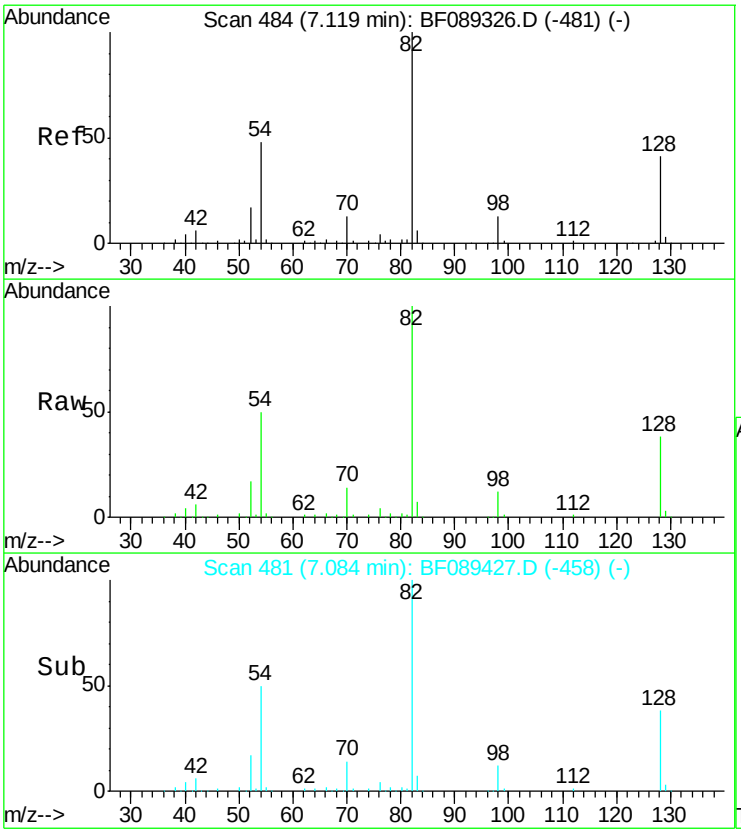
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:136 Resp: 184899

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.6	13.0
54	5.8	7.0	10.4#
68	4.8	4.9	7.3#

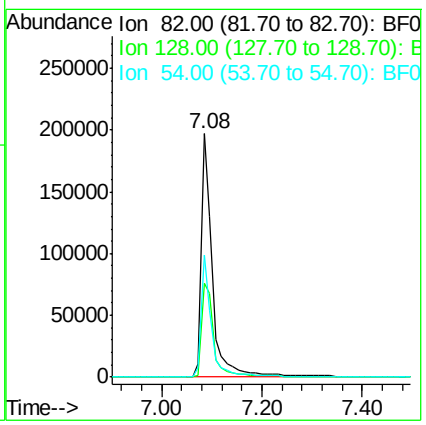


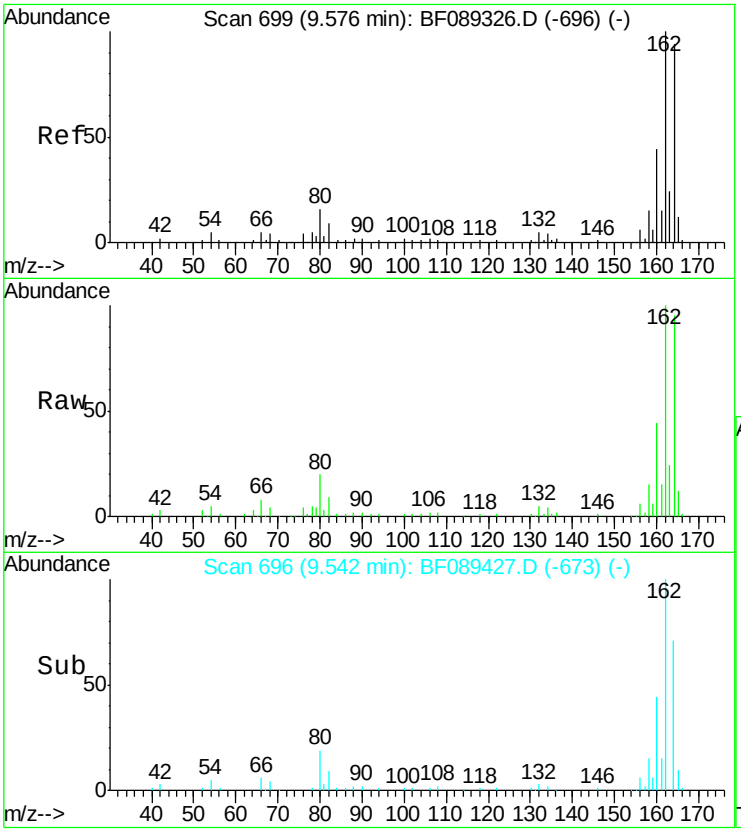


#23
Nitrobenzene-d5
Concen: 96.98 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion: 82 Resp: 303804

Ion	Ratio	Lower	Upper
82	100		
128	38.3	32.5	48.7
54	50.2	38.8	58.2



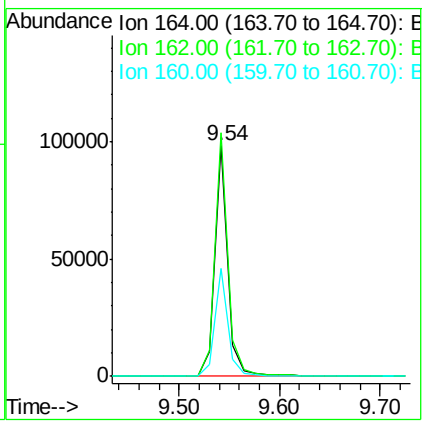


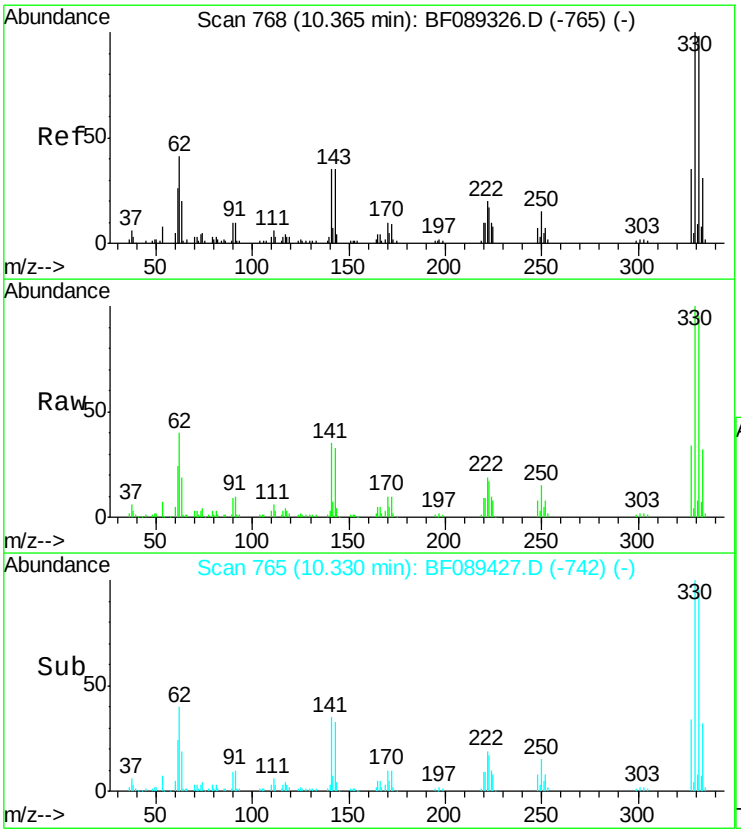
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:164 Resp: 87918

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.7	125.5
160	47.0	37.8	56.6

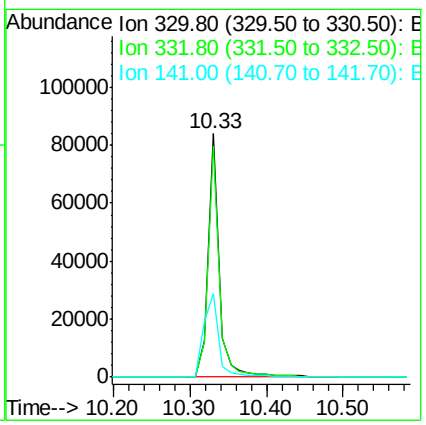


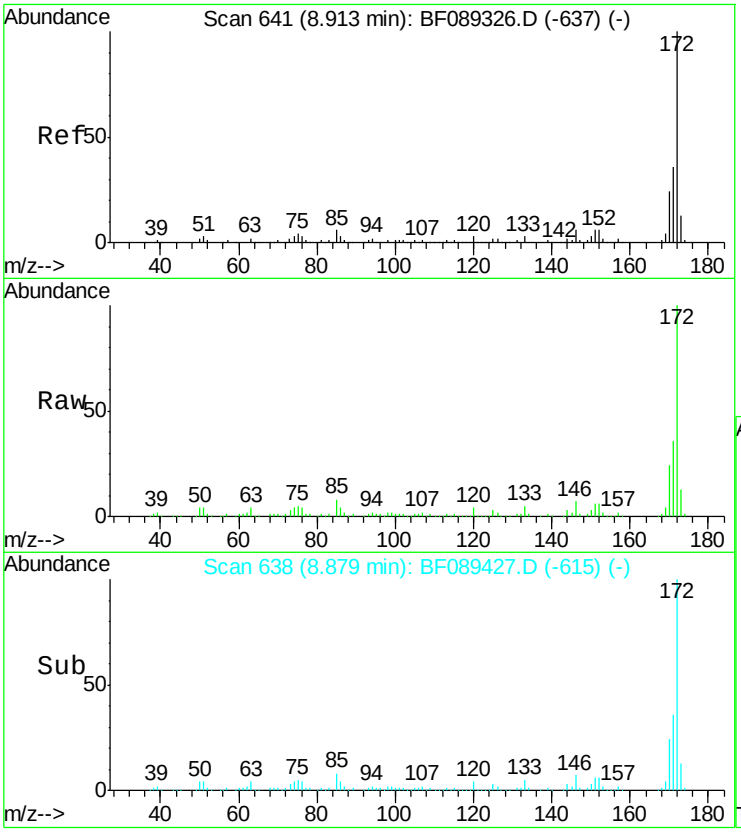


#41
2,4,6-Tribromophenol
Concen: 115.29 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:330 Resp: 83948

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	46.1	37.3	55.9



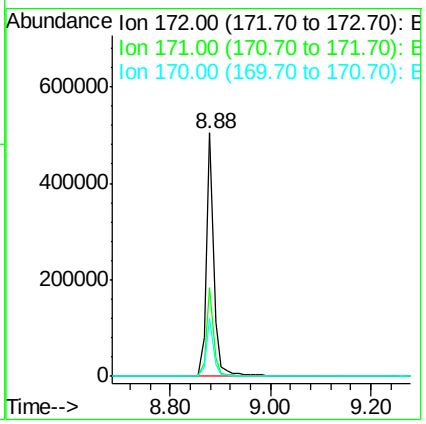


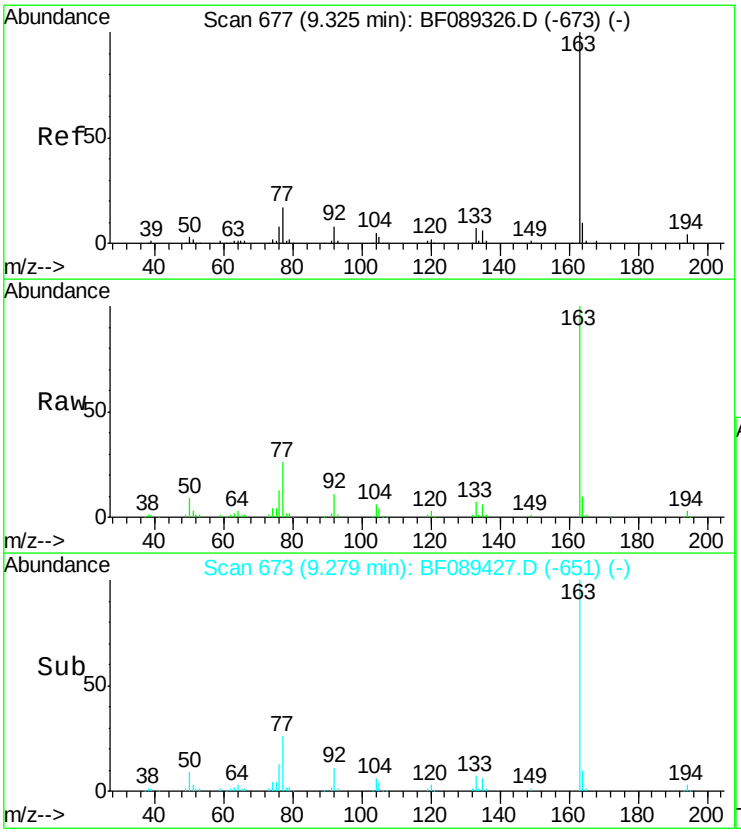
#44
2-Fluorobiphenyl
Concen: 87.80 ng
RT: 8.88 min Scan# 638
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:172 Resp: 525969

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8

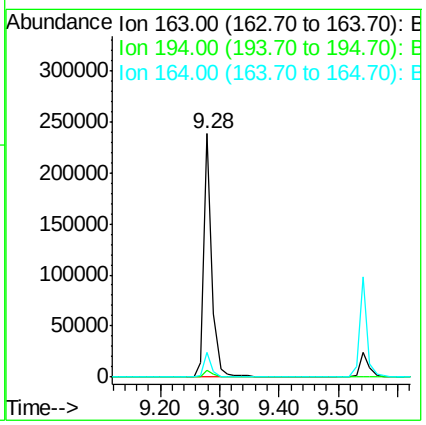


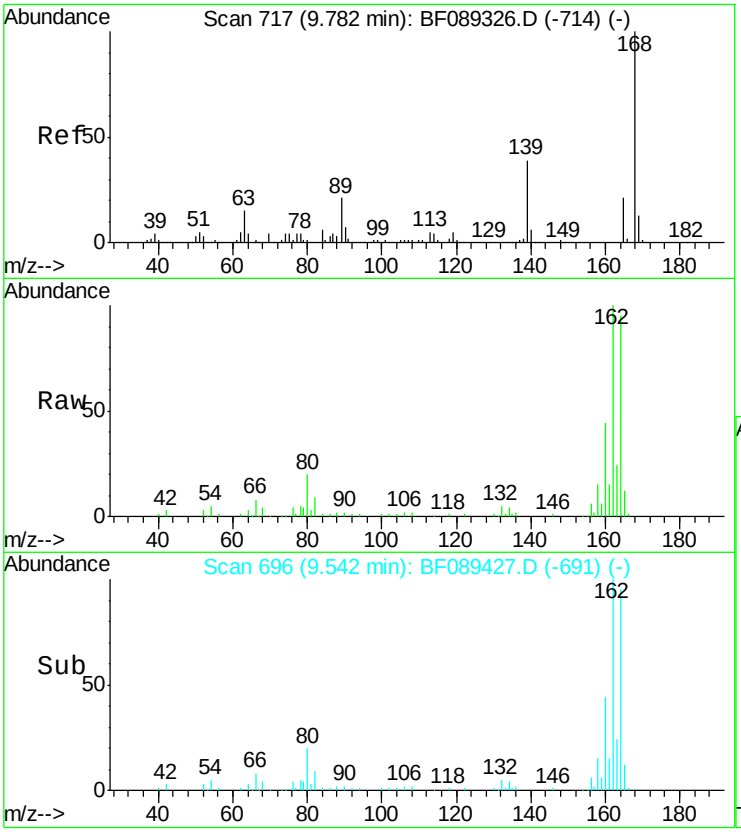


#49
Dimethylphthalate
Concen: 34.37 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:163 Resp: 229968

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.2	7.8	11.8



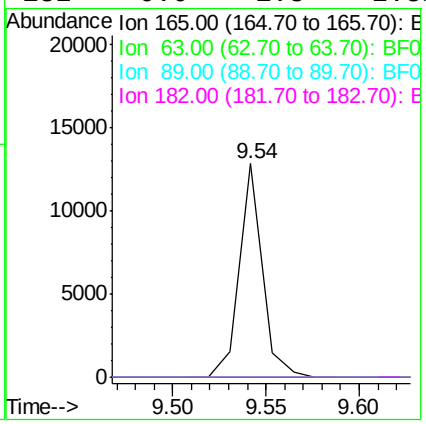


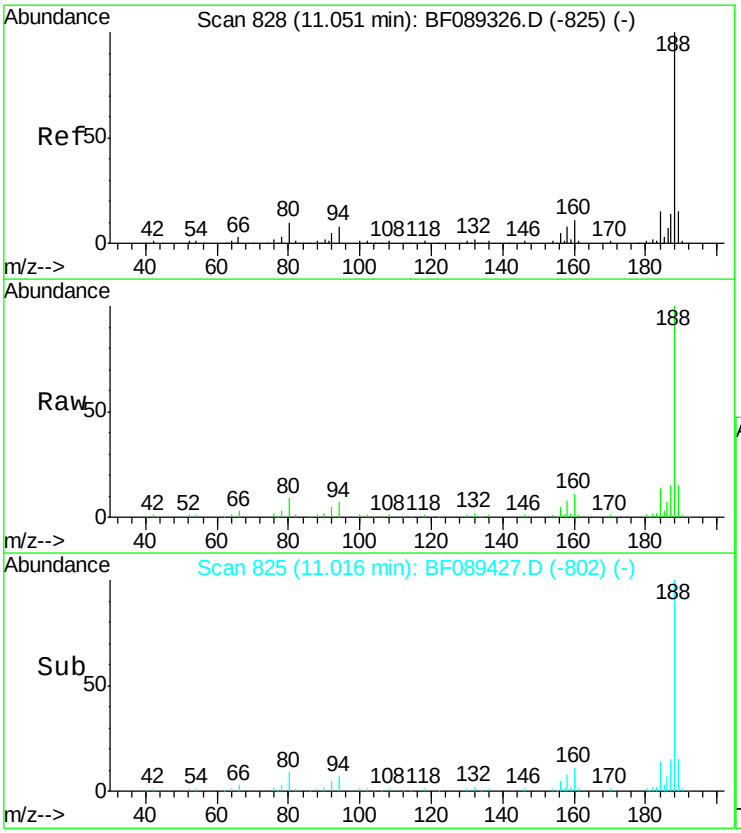
#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.24 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:165 Resp: 11065

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#

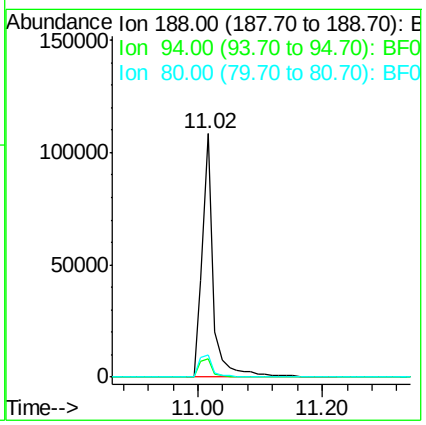


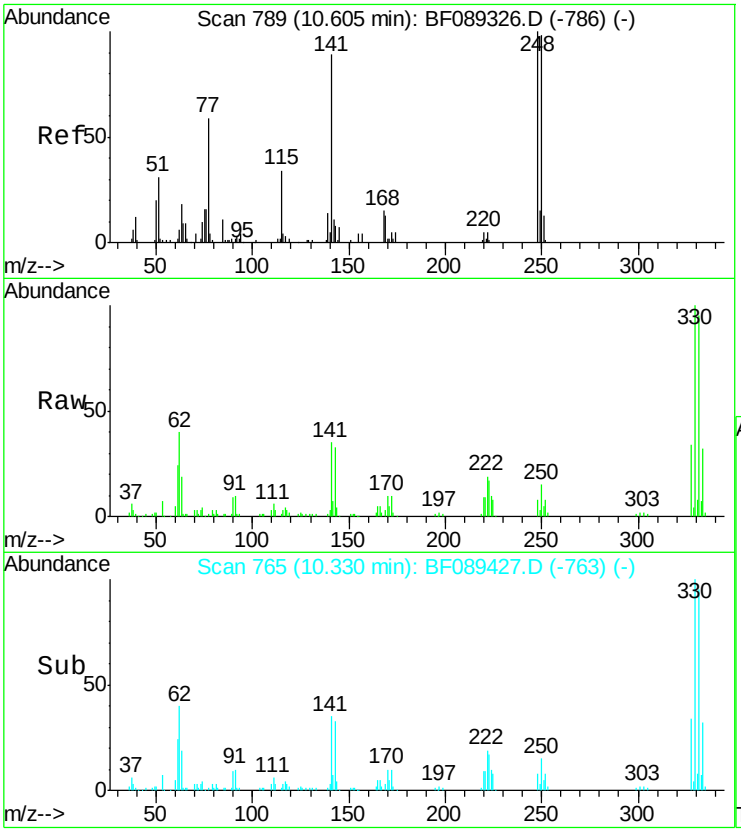


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:188 Resp: 135508

Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.5	9.7
80	8.9	7.2	10.8



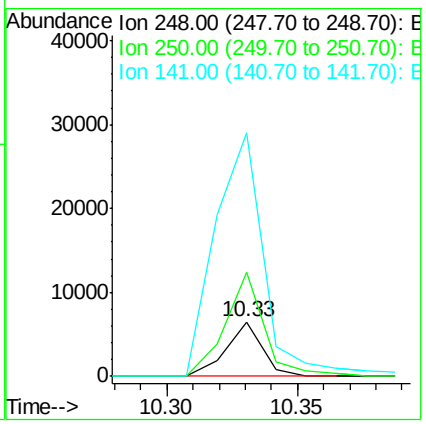


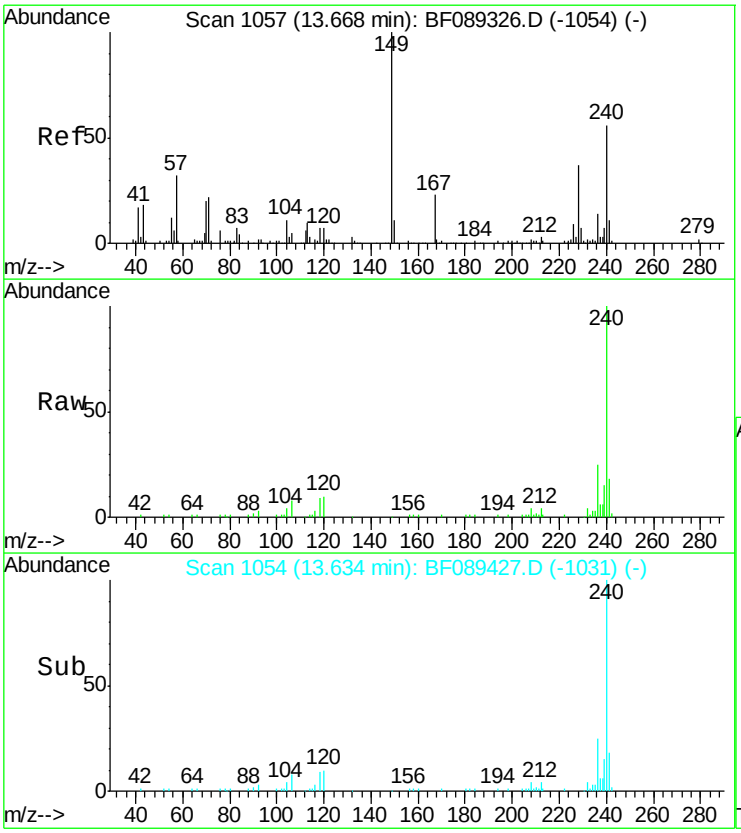
#66
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.27 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:248 Resp: 6336

Ion	Ratio	Lower	Upper
248	100		
250	189.9	78.2	117.2#
141	444.7	62.0	93.0#

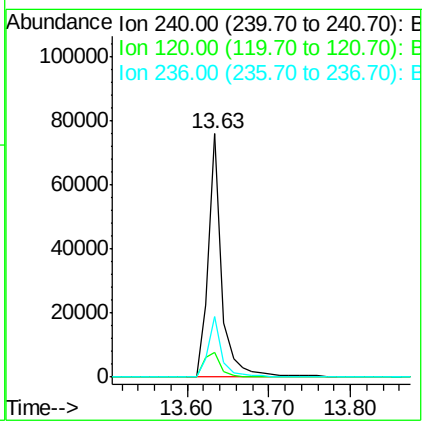


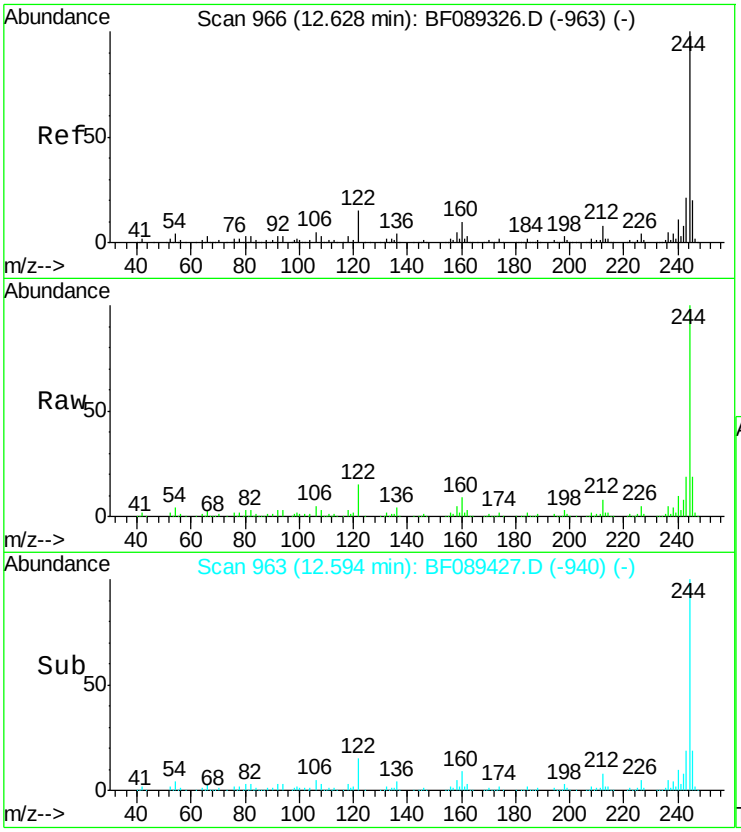


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:240 Resp: 89504

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.1	13.7
236	24.8	20.6	30.8



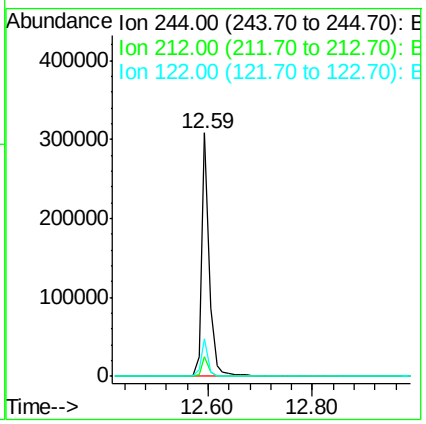


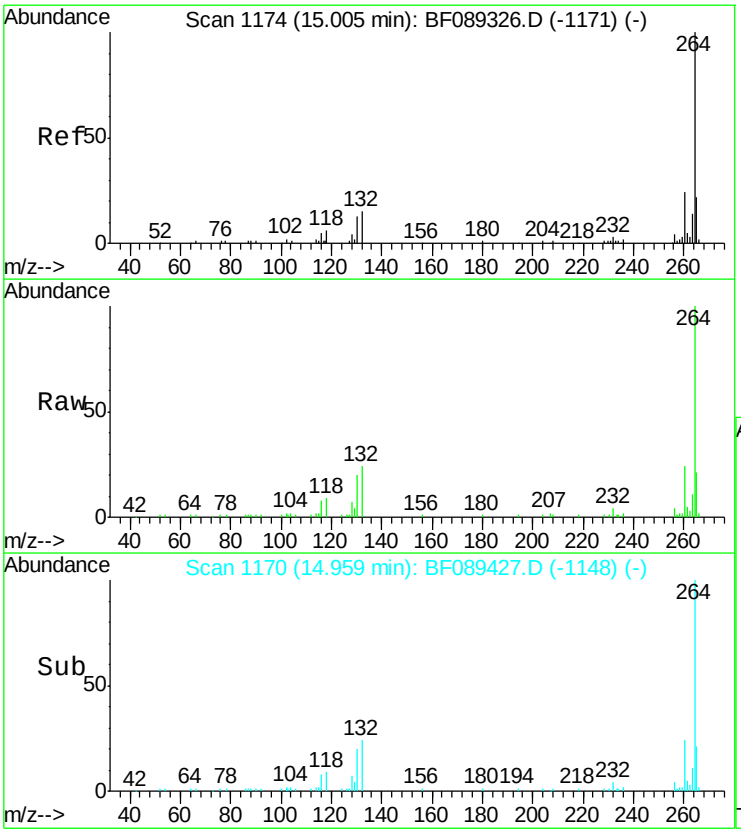
#78
Terphenyl-d14
Concen: 82.11 ng
RT: 12.59 min Scan# 963
Delta R.T. -0.03 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Instrument :
BNA_F
ClientSampleId :
SB-45-10.0-11.0

Tgt Ion:244 Resp: 314013

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	15.2	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 1170
Delta R.T. -0.05 min
Lab File: BF089427.D
Acq: 30 Jul 2016 00:10

Tgt Ion:264 Resp: 95865

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.3	17.5	26.3